

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121394.D
 Acq On : 24 Aug 2020 12:06
 Operator : JU/CG
 Sample : PB131080BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

Quant Time: Aug 24 12:41:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 11:54:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172408	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	648881	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	335795	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	638072	20.00	ng	0.00
76) Chrysene-d12	13.86	240	477297	20.00	ng	0.00
86) Perylene-d12	15.27	264	504230	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	900784	85.67	ng	0.01
7) Phenol-d6	6.35	99	1056751	78.73	ng	0.00
23) Nitrobenzene-d5	7.27	82	1017702	88.70	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	329182	84.12	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1700453	99.40	ng	0.00
79) Terphenyl-d14	12.81	244	1805268	73.91	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.44	88	206353	43.370	ng	99
3) Pyridine	3.13	79	438627	34.349	ng	99
4) n-Nitrosodimethylamine	3.09	42	218787	42.094	ng	98
6) Aniline	6.36	93	485208	31.306	ng	98
8) 2-Chlorophenol	6.49	128	479630	43.645	ng	97
9) Benzaldehyde	6.25	77	123641	16.374	ng	97
10) Phenol	6.36	94	522713	37.140	ng	100
11) bis(2-Chloroethyl)ether	6.44	93	449223	41.444	ng	98
12) 1,3-Dichlorobenzene	6.64	146	476519	38.703	ng	99
13) 1,4-Dichlorobenzene	6.72	146	478964	38.536	ng	99
14) 1,2-Dichlorobenzene	6.87	146	427910	36.151	ng	97
15) Benzyl Alcohol	6.85	79	313607	38.832	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.98	45	597679	37.449	ng	97
17) 2-Methylphenol	6.97	107	369463	40.746	ng	99
18) Hexachloroethane	7.21	117	179446	38.774	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	286565	39.697	ng	96
20) 3+4-Methylphenols	7.13	107	430882	48.630	ng	98
22) Acetophenone	7.12	105	586322	38.649	ng	99
24) Nitrobenzene	7.29	77	473300	40.475	ng	100
25) Isophorone	7.53	82	873991	41.859	ng	99
26) 2-Nitrophenol	7.60	139	260598	43.453	ng	98
27) 2,4-Dimethylphenol	7.65	122	390349	45.615	ng	97
28) bis(2-Chloroethoxy)methane	7.74	93	554077	38.983	ng	100
29) 2,4-Dichlorophenol	7.85	162	389908	41.733	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	418683	39.187	ng	99
31) Naphthalene	8.00	128	1277205	39.549	ng	99
32) Benzoic acid	7.81	122	255832	39.674	ng	98
33) 4-Chloroaniline	8.06	127	499285	34.914	ng	99
34) Hexachlorobutadiene	8.12	225	235570	37.257	ng	99
35) Caprolactam	8.45	113	76201	24.903	ng	97
36) 4-Chloro-3-methylphenol	8.56	107	410029	43.392	ng	98
37) 2-Methylnaphthalene	8.70	142	855633	40.877	ng	99
38) 1-Methylnaphthalene	8.80	142	805401	40.467	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	393483	39.481	ng	99

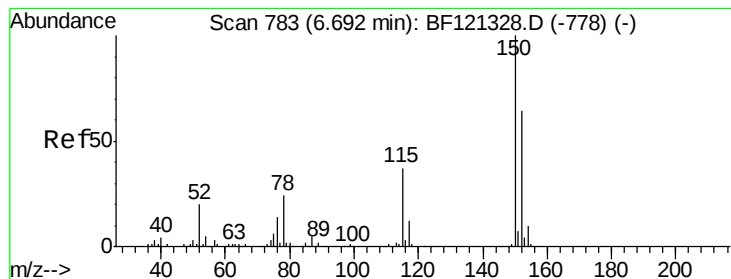
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	306573	77.850	nq	99
43) 2,4,6-Trichlorophenol	8.98	196	281834	41.364	nq	98
44) 2,4,5-Trichlorophenol	9.03	196	296771	42.336	nq	97
46) 1,1'-Biphenyl	9.16	154	1012072	40.213	nq	100
47) 2-Chloronaphthalene	9.19	162	801163	38.638	nq	99
48) 2-Nitroaniline	9.29	65	266006	40.745	nq	97
49) Acenaphthylene	9.60	152	1231953	40.001	nq	100
50) Dimethylphthalate	9.46	163	988681	40.470	nq	99
51) 2,6-Dinitrotoluene	9.53	165	224519	43.033	nq	99
52) Acenaphthene	9.77	154	737572	39.414	nq	100
53) 3-Nitroaniline	9.70	138	216735	33.207	nq	97
54) 2,4-Dinitrophenol	9.82	184	234805	93.350	nq	95
55) Dibenzofuran	9.95	168	1057374	44.170	nq	98
56) 4-Nitrophenol	9.89	139	314842	78.218	nq	96
57) 2,4-Dinitrotoluene	9.94	165	256956	40.370	nq	94
58) Fluorene	10.29	166	829367	47.559	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	251290	41.935	nq	96
60) Diethylphthalate	10.16	149	956295	40.087	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	405254	45.947	nq	99
62) 4-Nitroaniline	10.32	138	255238	38.166	nq	99
63) Azobenzene	10.44	77	888879	40.116	nq	99
65) 4,6-Dinitro-2-methylphenol	10.36	198	168711	49.441	nq	89
66) n-Nitrosodiphenylamine	10.40	169	815006	41.409	nq	100
67) 4-Bromophenyl-phenylether	10.76	248	284821	40.241	nq	99
68) Hexachlorobenzene	10.83	284	322647	39.547	nq	99
69) Atrazine	10.93	200	228157	37.421	nq	99
70) Pentachlorophenol	11.03	266	307210	84.631	nq	99
71) Phenanthrene	11.25	178	1279995	38.760	nq	100
72) Anthracene	11.30	178	1314338	41.330	nq	100
73) Carbazole	11.46	167	1233517	40.643	nq	99
74) Di-n-butylphthalate	11.79	149	1439446	39.332	nq	100
75) Fluoranthene	12.43	202	1415572	39.493	nq	99
77) Benzidine	12.56	184	641783	48.805	nq	100
78) Pyrene	12.66	202	1423160	39.694	nq	99
80) Butylbenzylphthalate	13.28	149	627835	40.753	nq	99
81) Benzo(a)anthracene	13.85	228	1174935	39.633	nq	100
82) 3,3'-Dichlorobenzidine	13.82	252	456961	40.147	nq	99
83) Chrysene	13.89	228	1215905	40.103	nq	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	765941	42.277	nq	100
85) Di-n-octyl phthalate	14.45	149	1439325	42.929	nq	100
87) Indeno(1,2,3-cd)pyrene	16.66	276	1330790	43.236	nq	100
88) Benzo(b)fluoranthene	14.87	252	1264474	38.817	nq	100
89) Benzo(k)fluoranthene	14.90	252	1216241	42.415	nq	100
90) Benzo(a)pyrene	15.22	252	1152087	40.932	nq	99
91) Dibenzo(a,h)anthracene	16.67	278	1084369	42.968	nq	99
92) Benzo(g,h,i)perylene	17.07	276	1111634	45.057	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

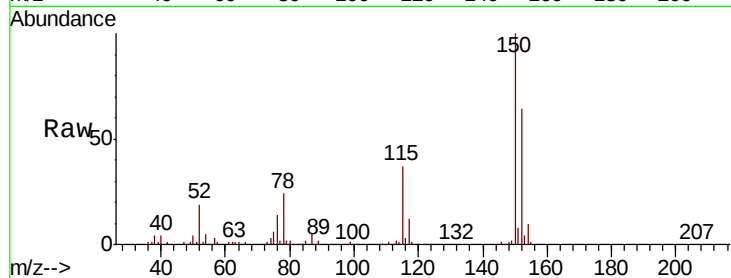


#1

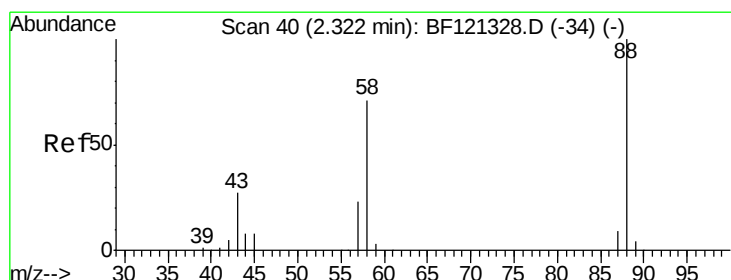
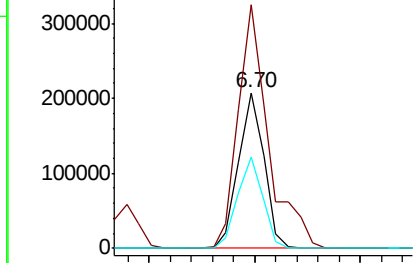
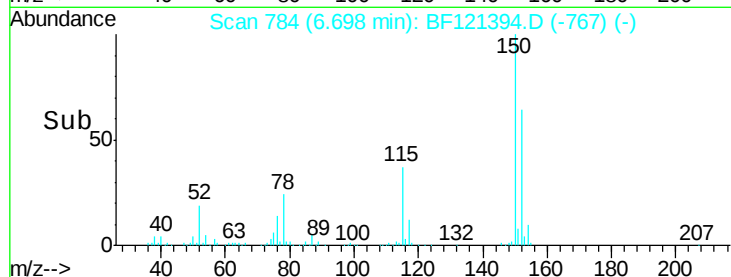
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	152	Resp	172408
Ion Ratio	Lower	Upper	
152	100		
150	156.6	125.4	188.0
115	58.5	47.0	70.6



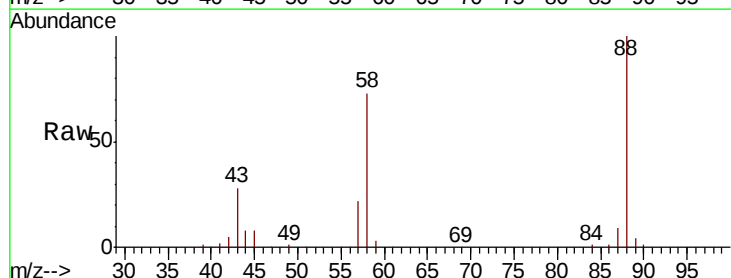
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



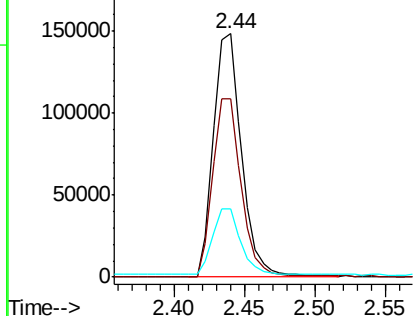
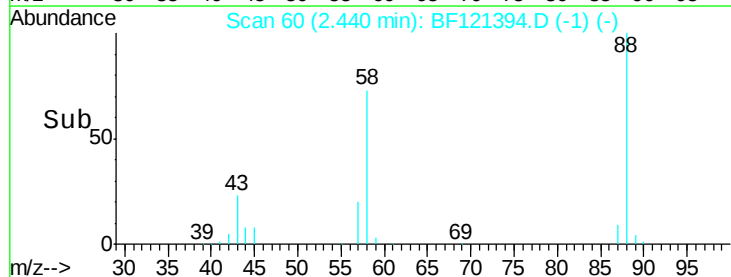
#2

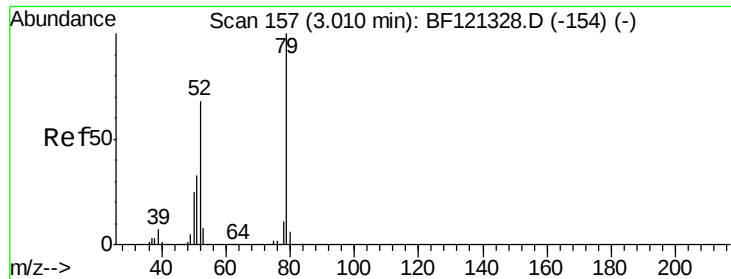
1,4-Dioxane
Concen: 43.370 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.11 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	88	Resp	206353
Ion Ratio	Lower	Upper	
88	100		
58	73.9	58.6	88.0
43	27.1	22.4	33.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.349 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.11 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

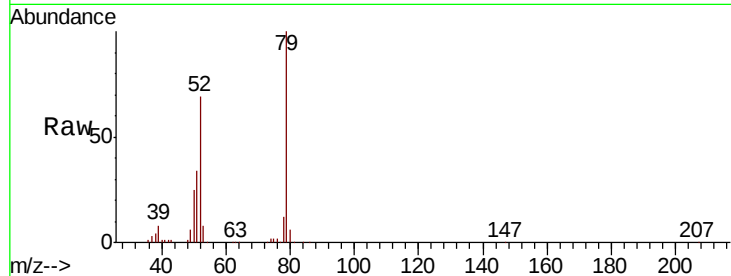
Tot Ion: 79 Resp: 438627

Ion Ratio Lower Upper

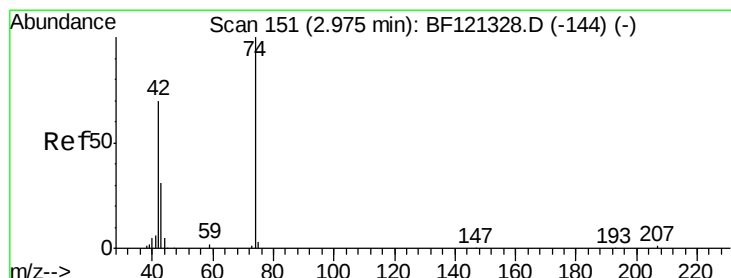
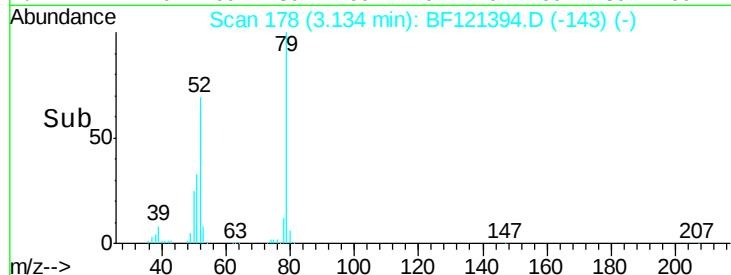
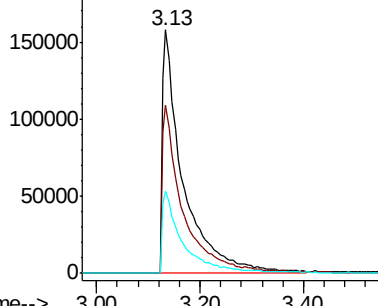
79 100

52 68.9 55.8 83.8

51 33.6 27.1 40.7



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.094 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.10 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

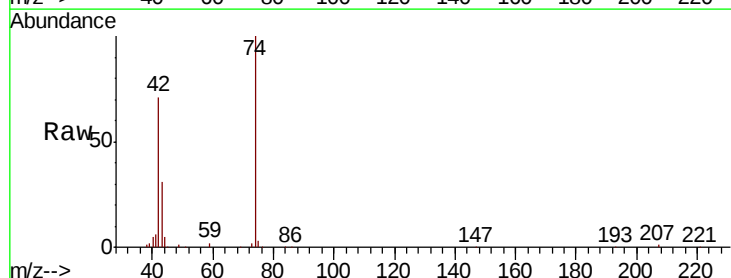
Tgt Ion: 42 Resp: 218787

Ion Ratio Lower Upper

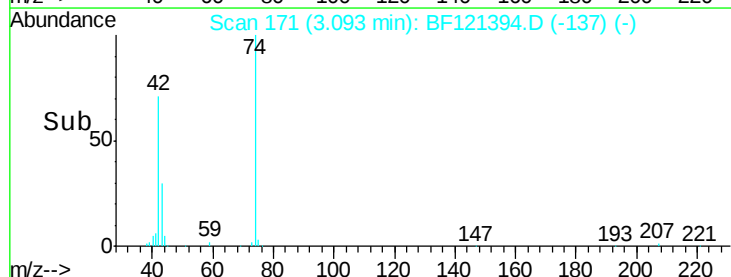
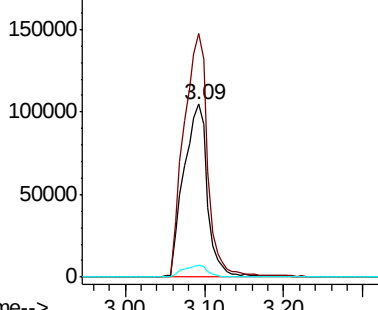
42 100

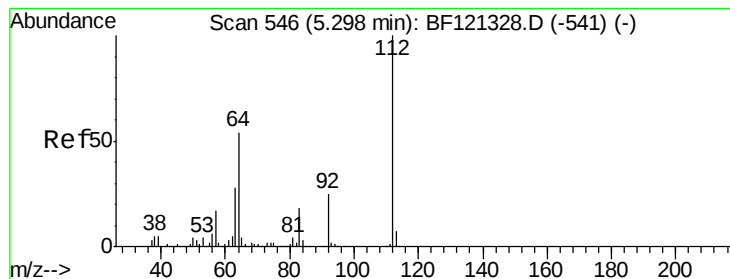
74 141.0 114.6 171.8

44 6.7 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.672 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

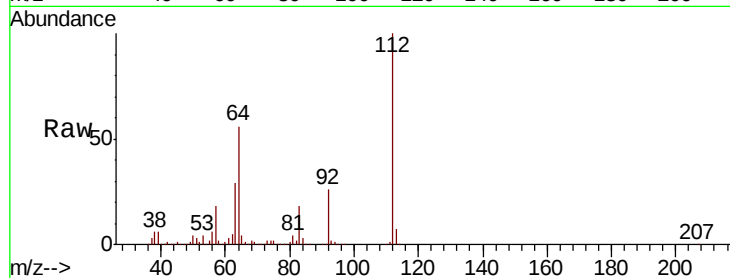
Tot Ion:112 Resp: 900784

Ion Ratio Lower Upper

112 100

64 55.8 42.2 63.4

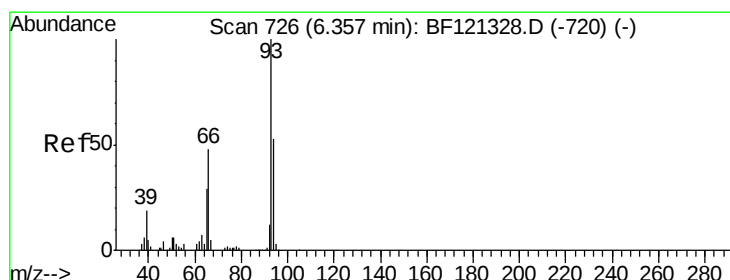
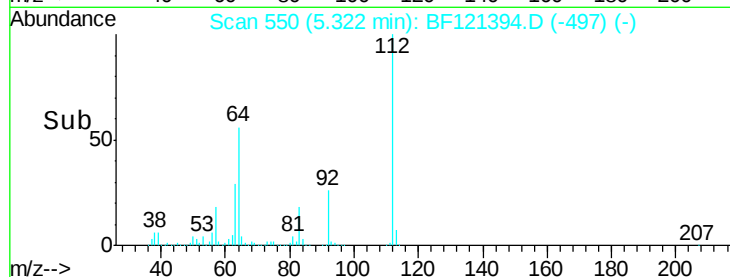
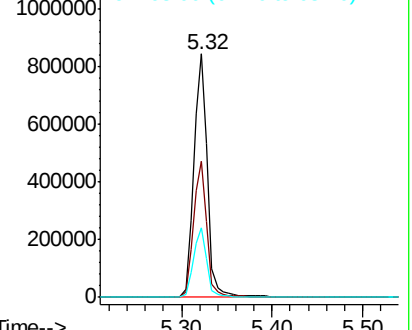
63 28.7 21.4 32.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.306 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

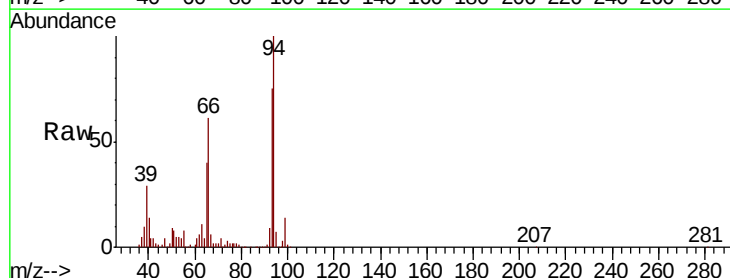
Tgt Ion: 93 Resp: 485208

Ion Ratio Lower Upper

93 100

66 80.9 63.2 94.8

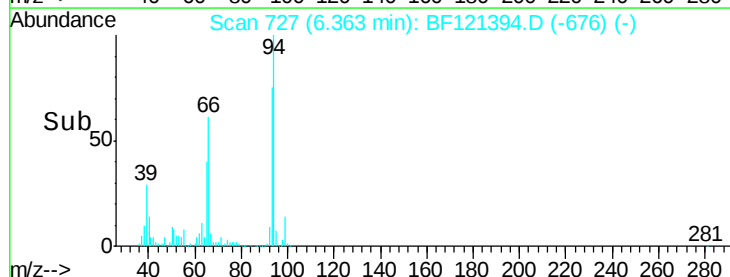
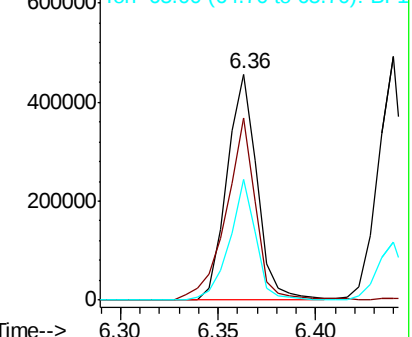
65 53.3 42.1 63.1

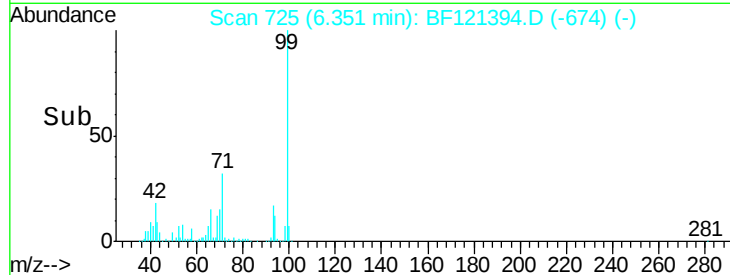
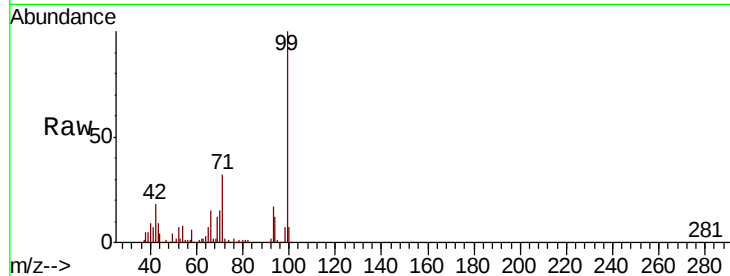
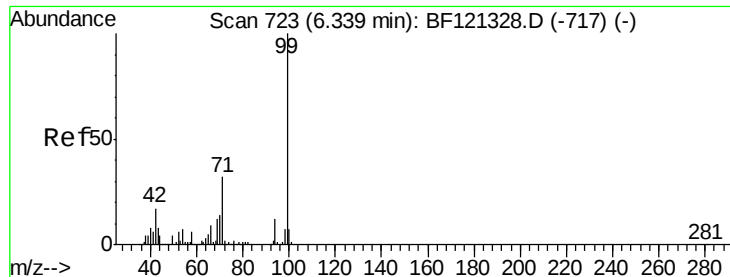


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.729 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

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PB131080BS

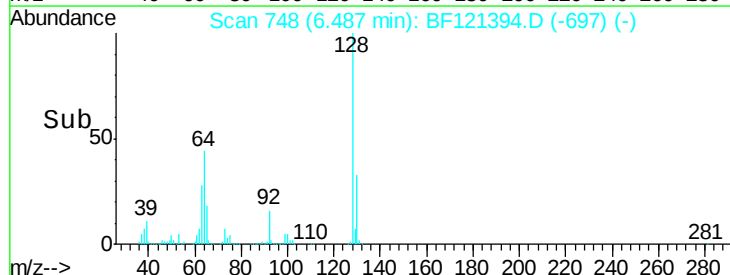
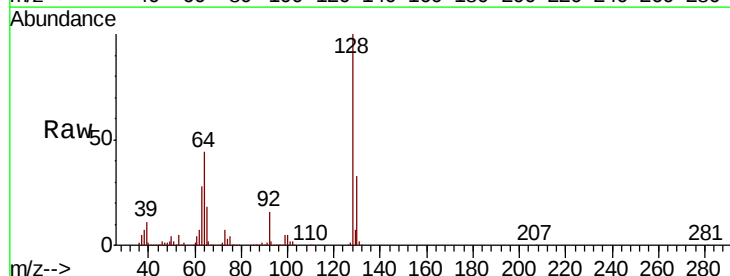
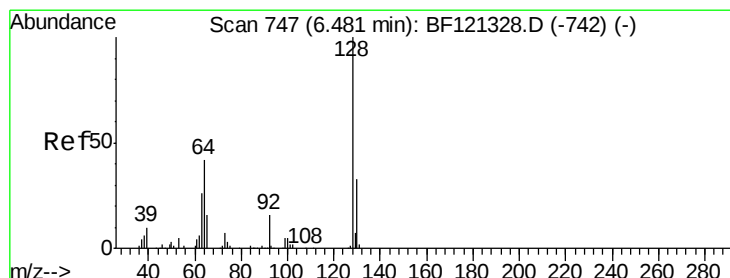
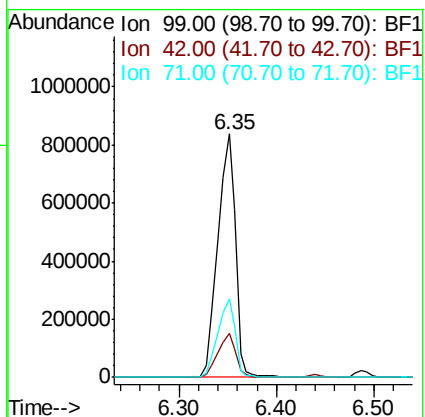
Tot Ion: 99 Resp: 1056751

Ion Ratio Lower Upper

99 100

42 17.9 13.9 20.9

71 32.3 25.5 38.3



#8

2-Chlorophenol

Concen: 43.645 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

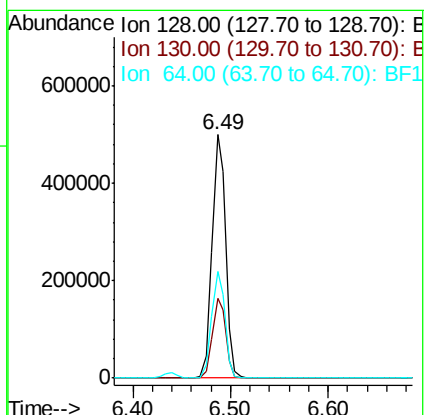
Tgt Ion: 128 Resp: 479630

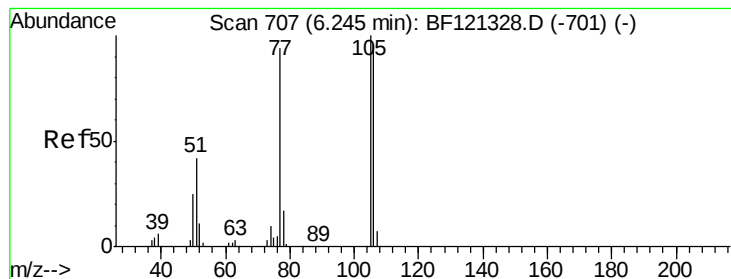
Ion Ratio Lower Upper

128 100

130 32.9 11.8 51.8

64 44.0 26.3 66.3





#9

Benzaldehyde

Concen: 16.374 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

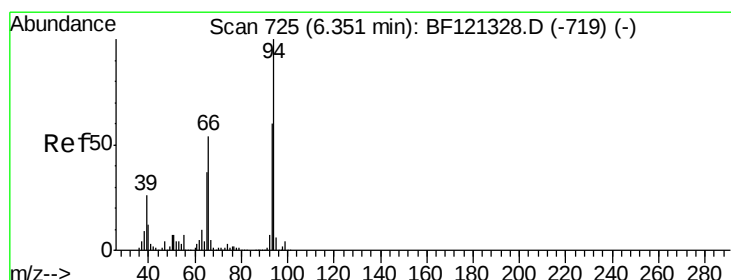
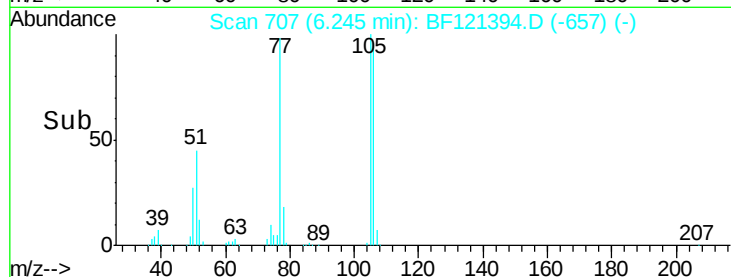
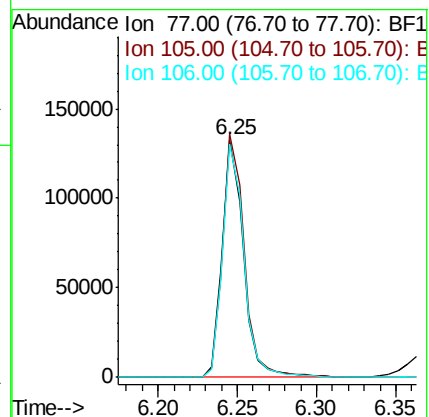
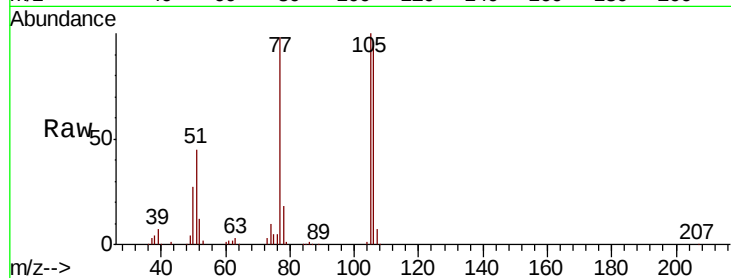
Tot Ion: 77 Resp: 123641

Ion Ratio Lower Upper

77 100

105 102.4 84.3 124.3

106 98.0 81.3 121.3



#10

Phenol

Concen: 37.140 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

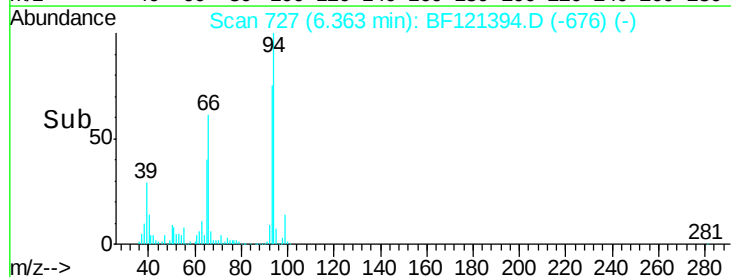
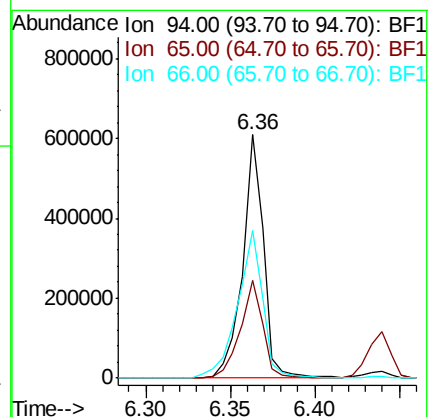
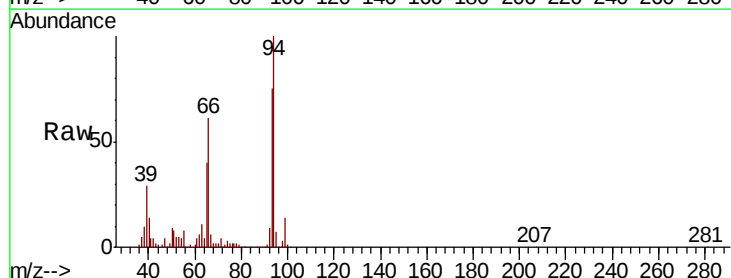
Tgt Ion: 94 Resp: 522713

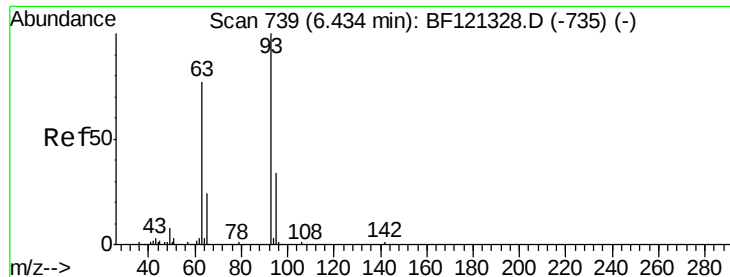
Ion Ratio Lower Upper

94 100

65 39.9 20.4 60.4

66 60.6 40.6 80.6

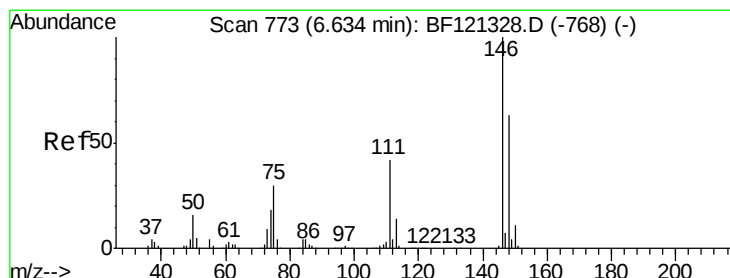
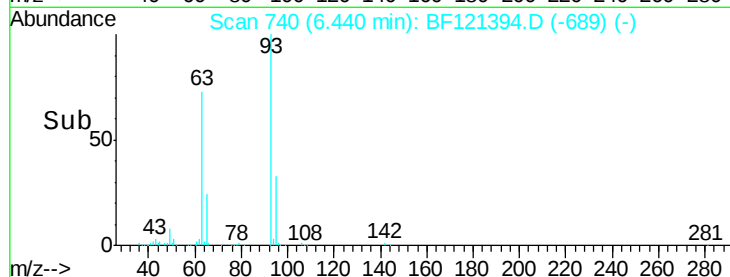
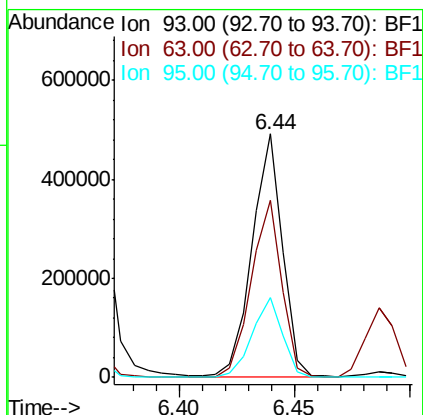
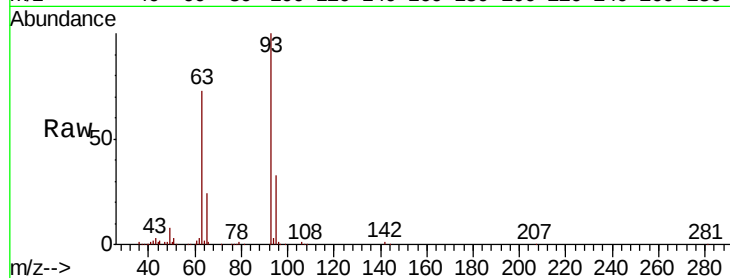




#11
bis(2-Chloroethyl)ether
Concen: 41.444 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

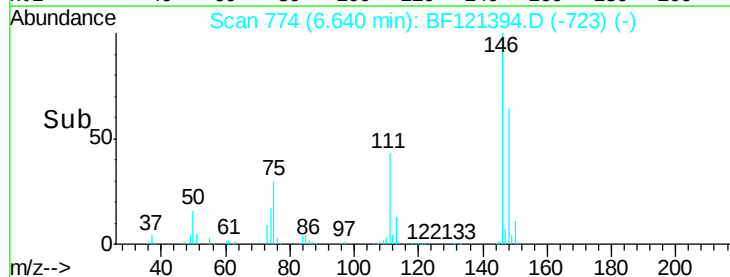
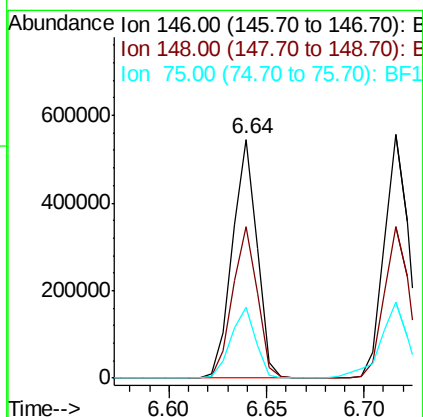
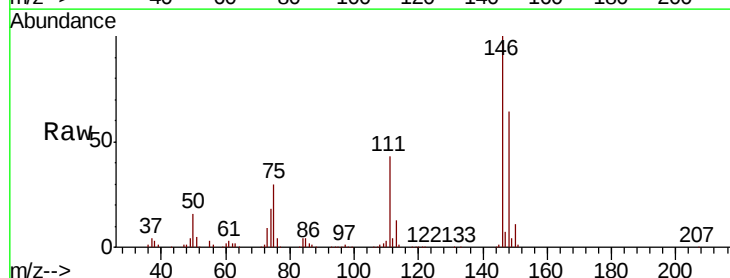
Instrument :
BNA_F
ClientSampleId :
PB131080BS

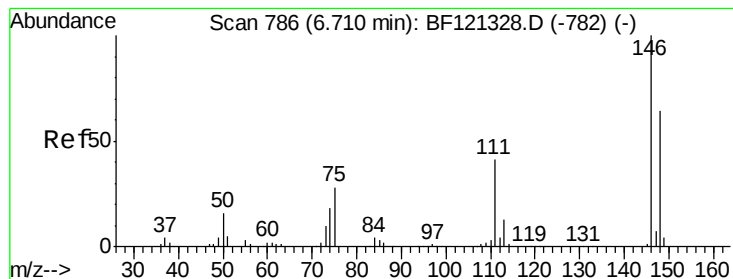
Tot Ion: 93 Resp: 449223
Ion Ratio Lower Upper
93 100
63 72.7 55.5 95.5
95 32.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 38.703 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion: 146 Resp: 476519
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
75 29.7 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 38.536 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

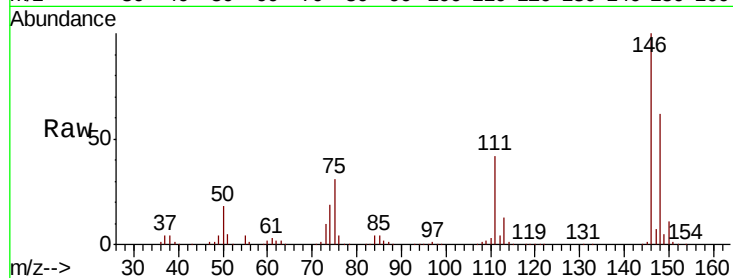
Tot Ion:146 Resp: 478964

Ion Ratio Lower Upper

146 100

148 62.4 50.6 76.0

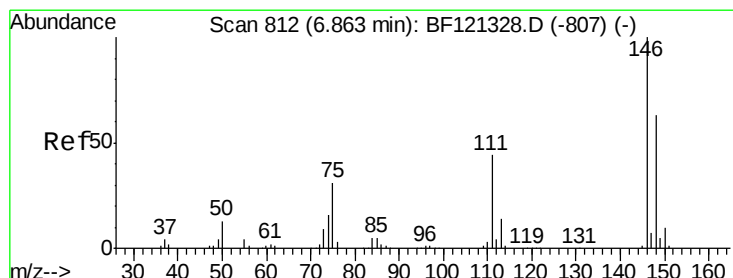
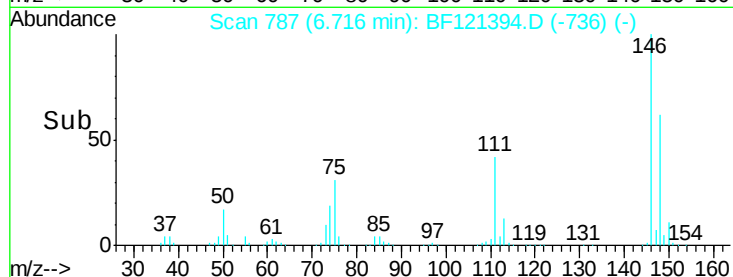
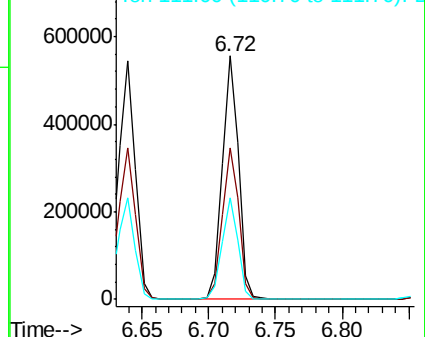
111 41.6 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.151 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

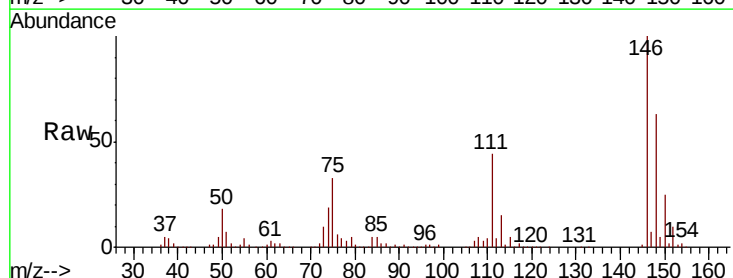
Tgt Ion:146 Resp: 427910

Ion Ratio Lower Upper

146 100

148 63.0 51.1 76.7

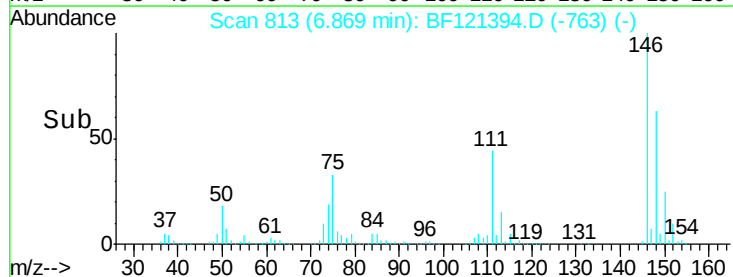
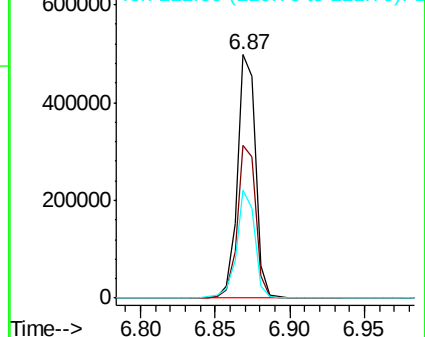
111 44.4 32.8 49.2

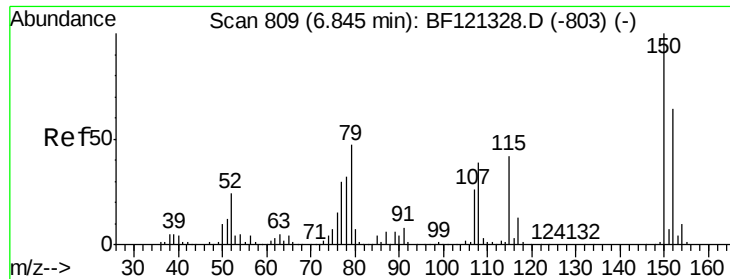


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

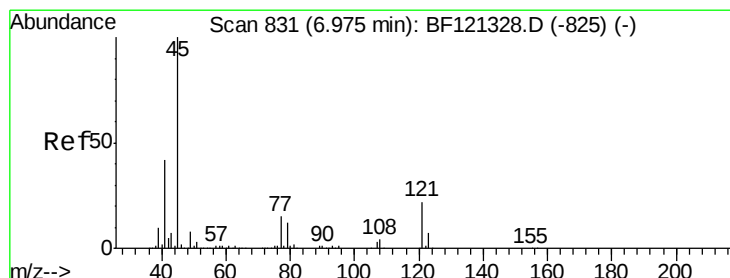
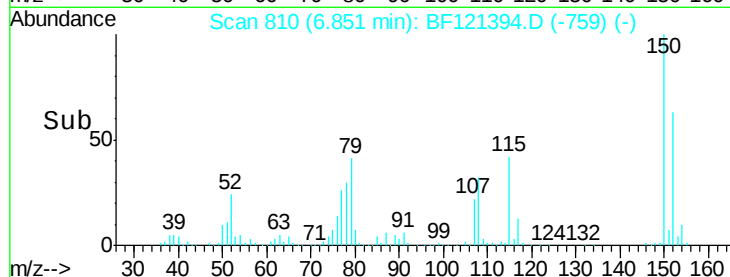
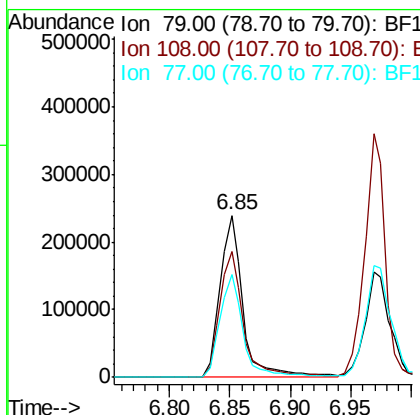
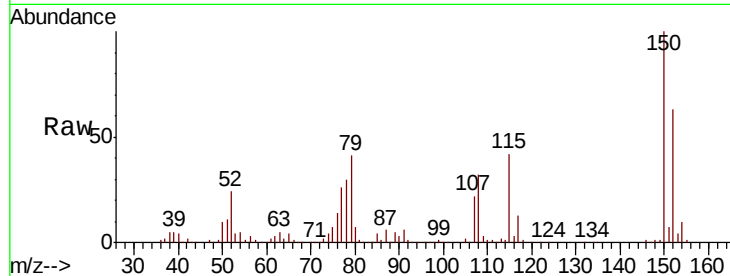




#15
Benzyl Alcohol
Concen: 38.832 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

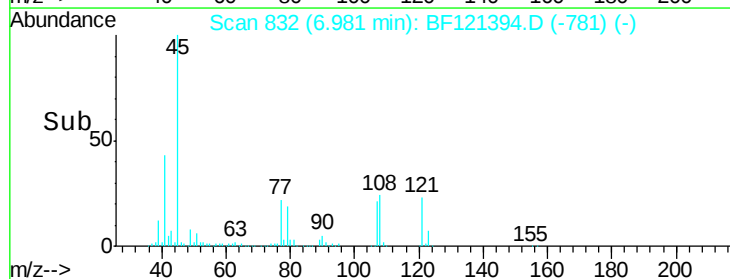
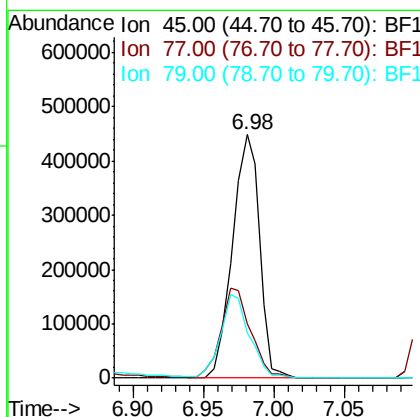
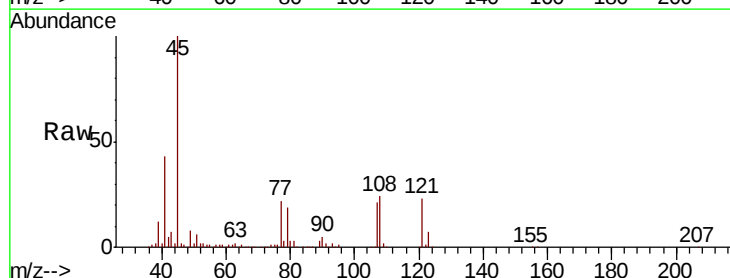
Instrument :
BNA_F
ClientSampleId :
PB131080BS

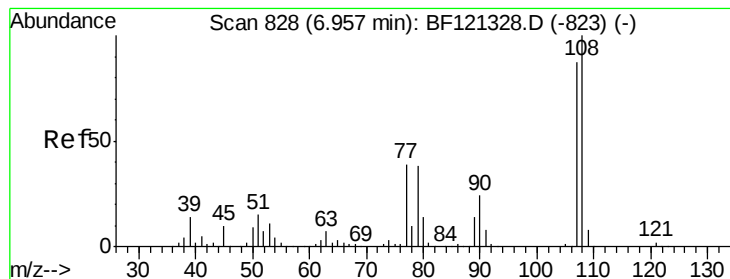
Tot Ion: 79 Resp: 313607
Ion Ratio Lower Upper
79 100
108 77.8 62.3 93.5
77 63.6 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.449 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion: 45 Resp: 597679
Ion Ratio Lower Upper
45 100
77 22.2 0.7 40.7
79 18.7 0.0 37.1





#17

2-Methylphenol

Concen: 40.746 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

Tot Ion:107 Resp: 369463

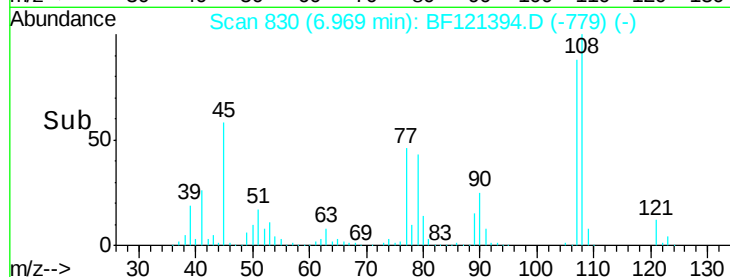
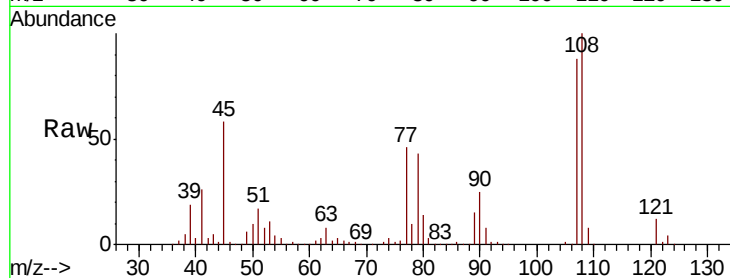
Ion Ratio Lower Upper

107 100

108 114.3 91.5 137.3

77 52.6 40.1 60.1

79 49.2 38.0 57.0

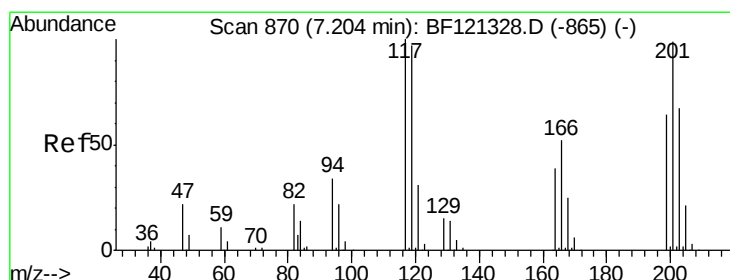
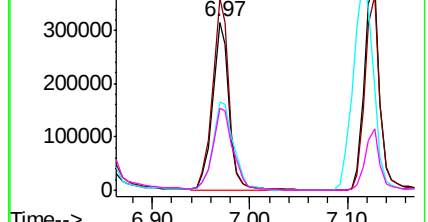


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.774 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

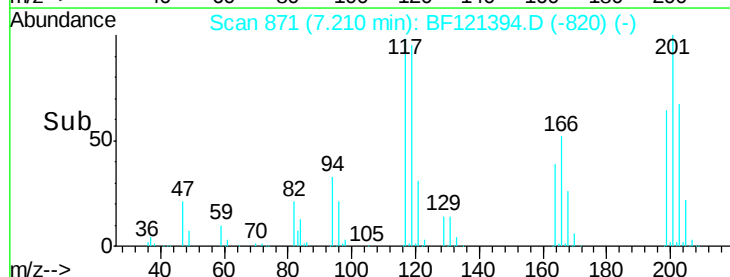
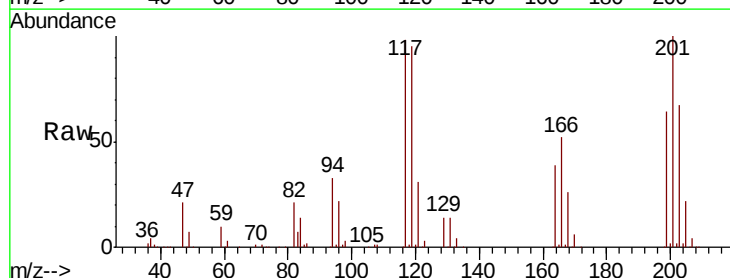
Tgt Ion:117 Resp: 179446

Ion Ratio Lower Upper

117 100

119 96.7 77.0 115.6

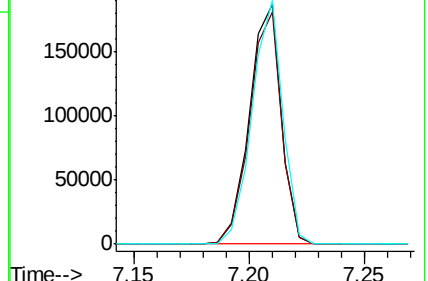
201 101.7 80.6 120.8

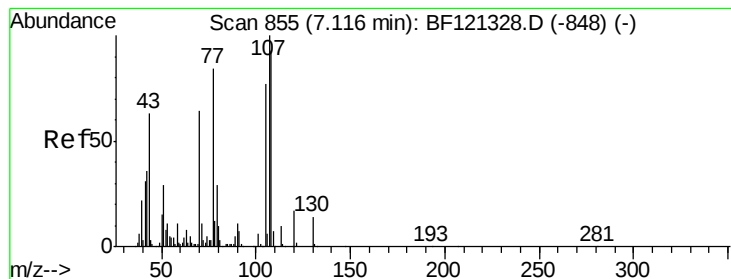


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.697 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

Tot Ion: 70 Resp: 286565

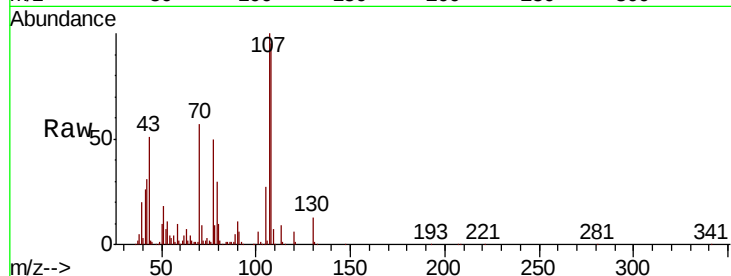
Ion Ratio Lower Upper

70 100

42 55.0 46.9 70.3

101 9.7 7.7 11.5

130 22.5 17.2 25.8

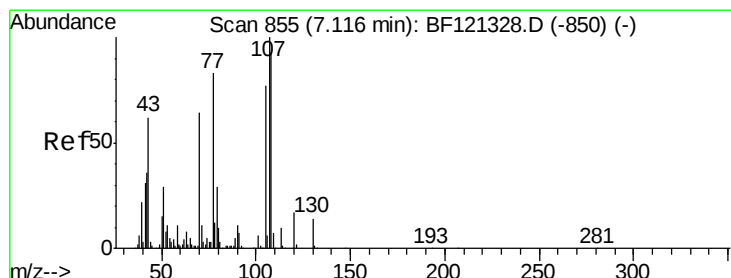
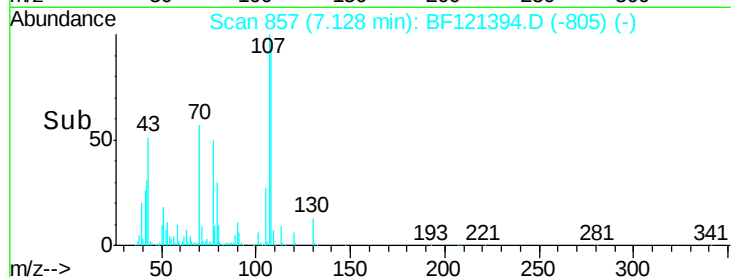
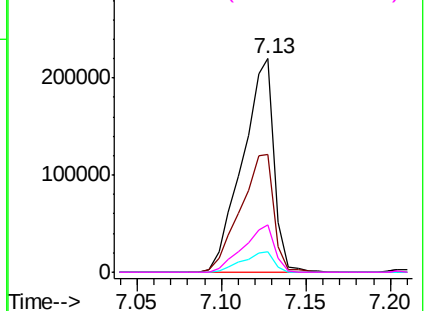


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 48.630 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Tgt Ion: 107 Resp: 430882

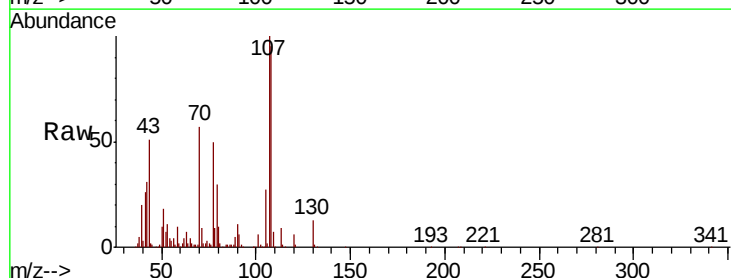
Ion Ratio Lower Upper

107 100

108 94.6 76.0 116.0

77 50.0 26.5 66.5

79 30.1 10.0 50.0

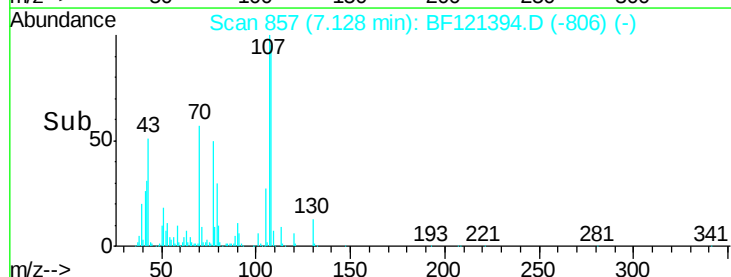
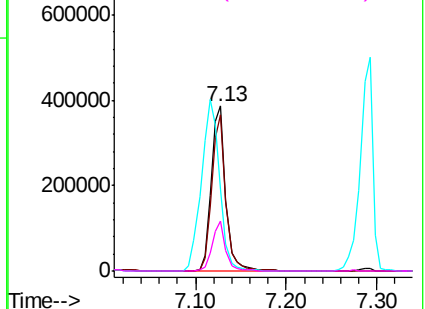


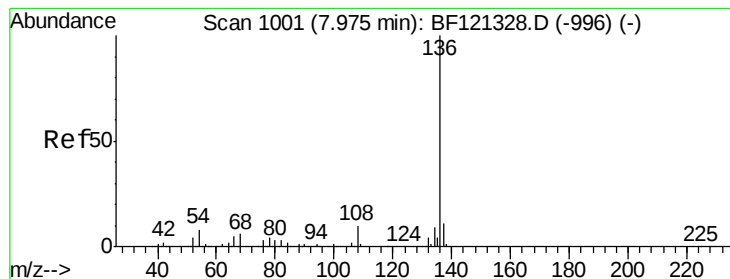
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

Tot Ion:136 Resp: 648881

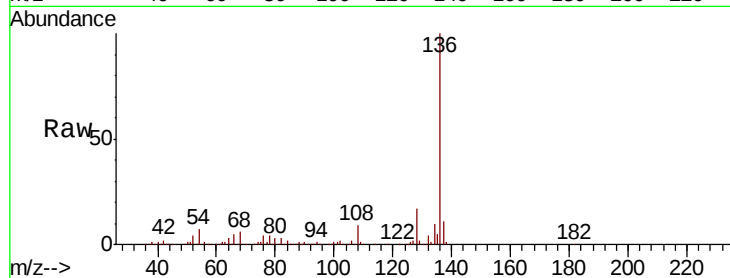
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.9 5.8 8.6

68 5.8 4.7 7.1

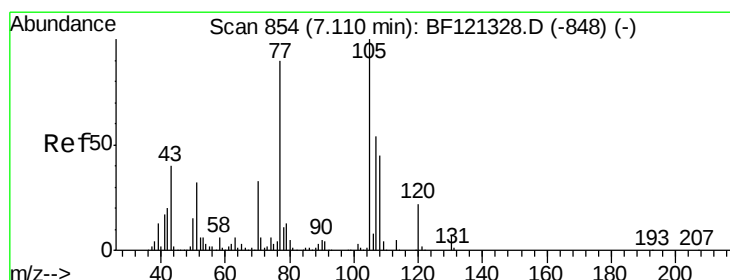
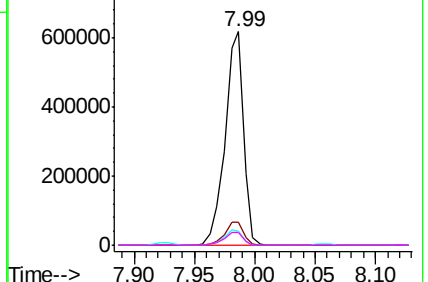
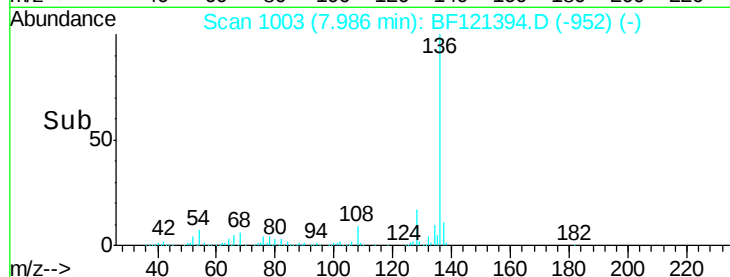


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.649 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Tgt Ion:105 Resp: 586322

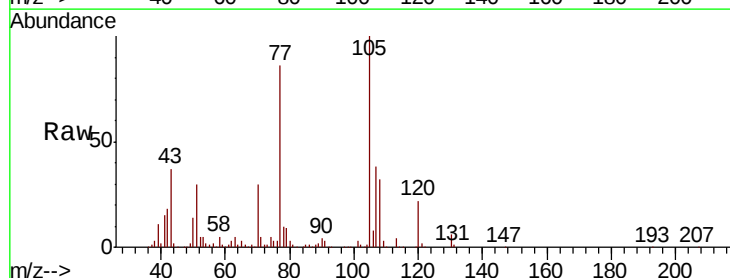
Ion Ratio Lower Upper

105 100

71 5.2 3.5 5.3

51 30.3 23.9 35.9

120 22.0 17.9 26.9

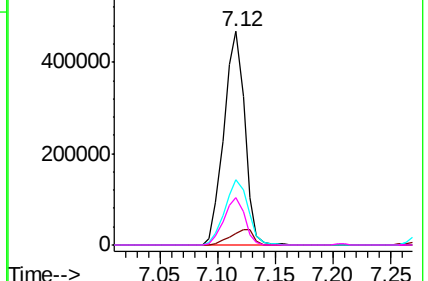
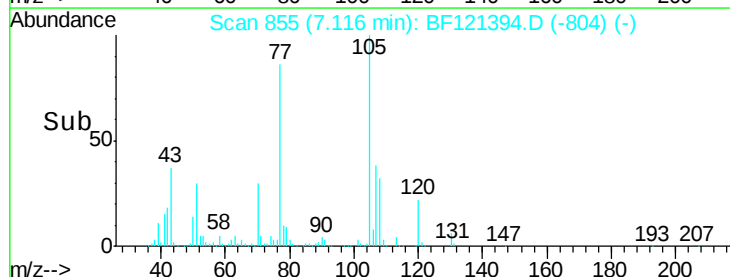


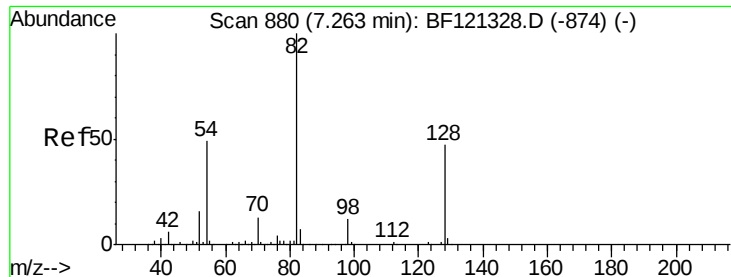
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

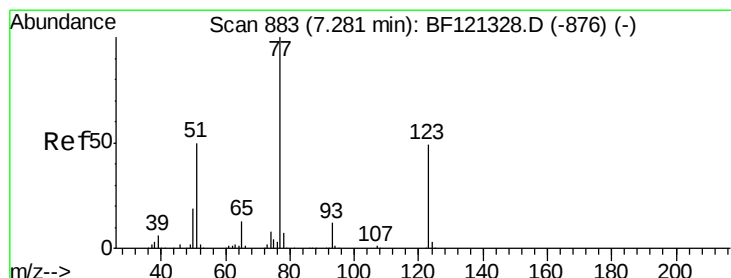
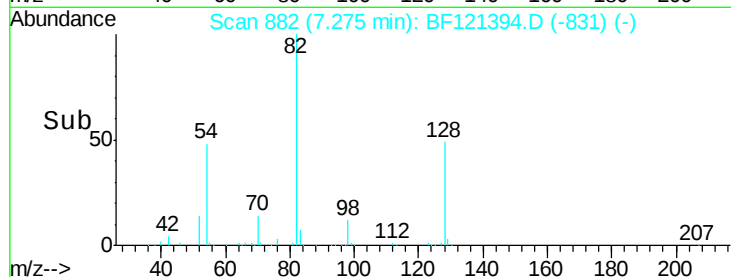
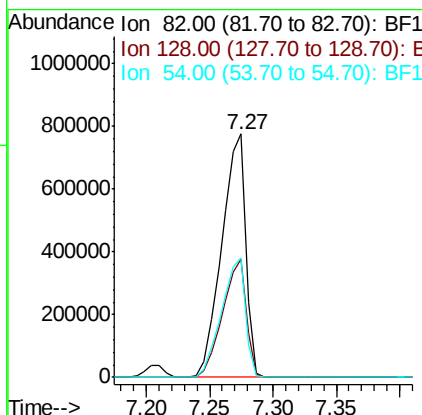
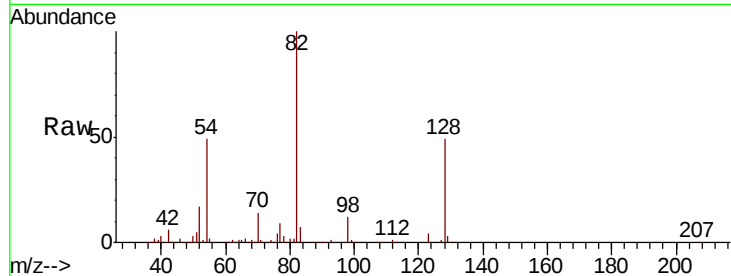




#23
 Nitrobenzene-d5
 Concen: 88.702 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

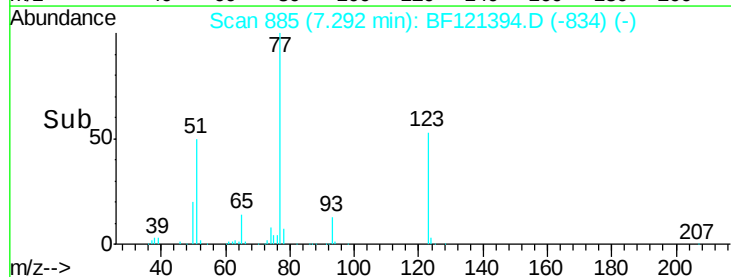
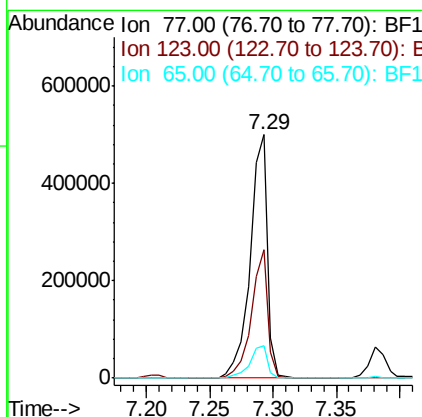
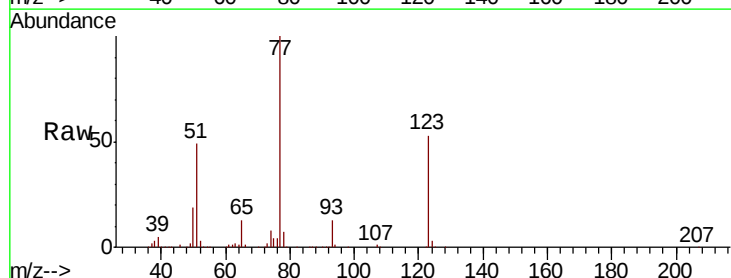
Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

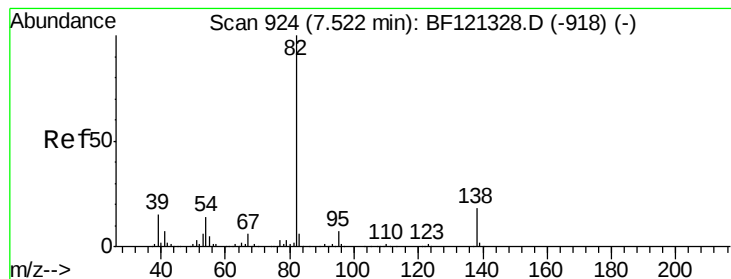
Tot Ion: 82 Resp: 1017702
 Ion Ratio Lower Upper
 82 100
 128 48.6 38.4 57.6
 54 49.0 39.0 58.6



#24
 Nitrobenzene
 Concen: 40.475 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion: 77 Resp: 473300
 Ion Ratio Lower Upper
 77 100
 123 52.6 42.0 63.0
 65 13.3 10.4 15.6





#25

Isophorone

Concen: 41.859 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

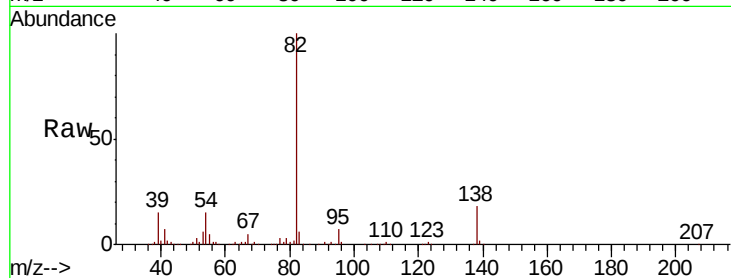
Tot Ion: 82 Resp: 873991

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

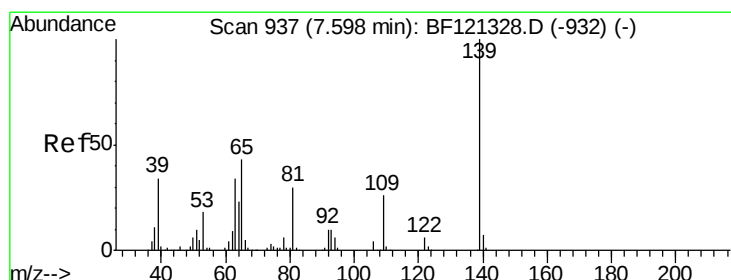
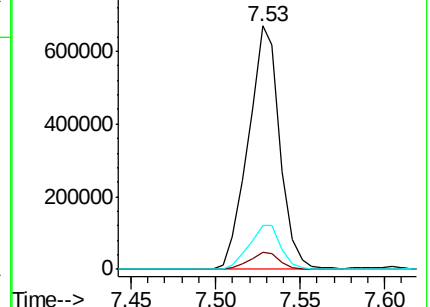
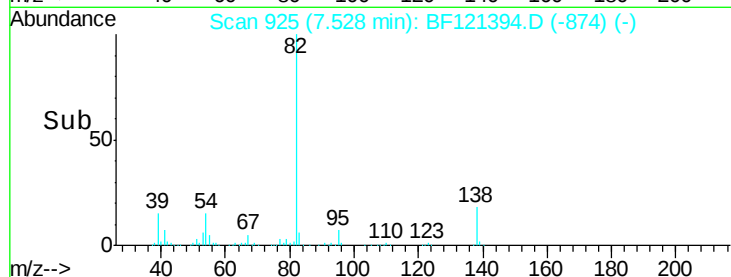
138 18.2 15.0 22.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.453 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

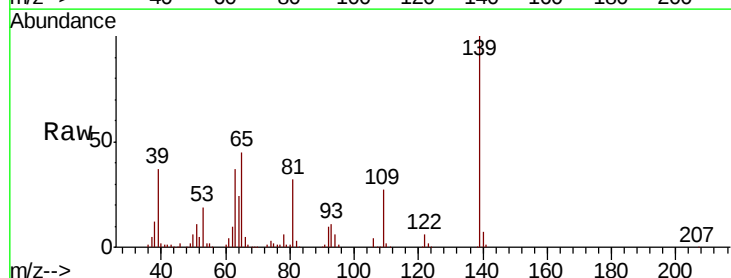
Tgt Ion: 139 Resp: 260598

Ion Ratio Lower Upper

139 100

109 27.4 21.2 31.8

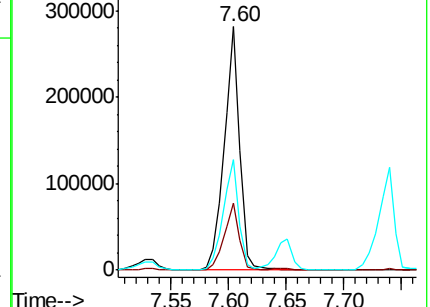
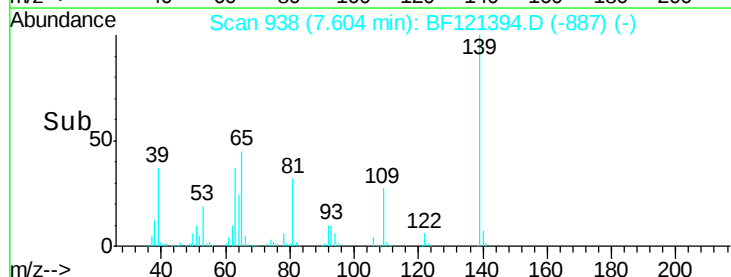
65 45.3 37.0 55.6

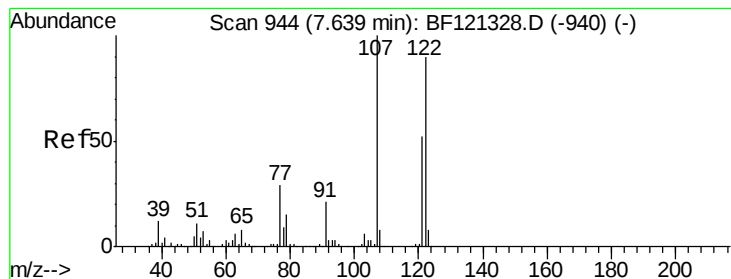


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

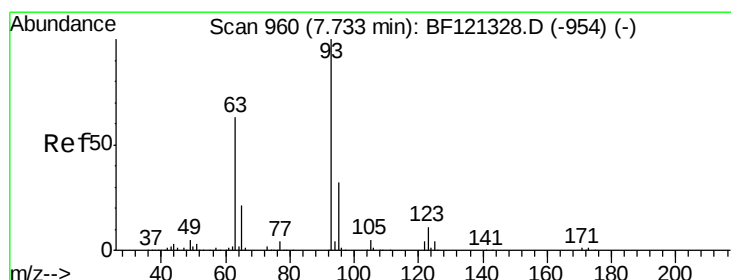
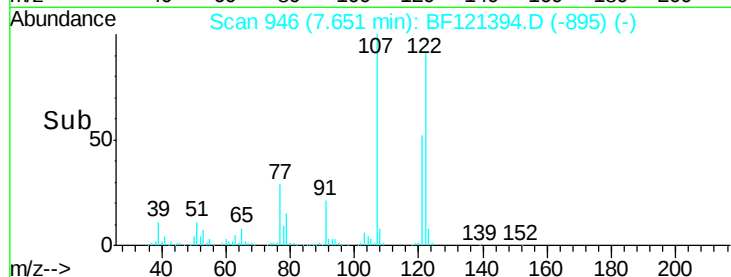
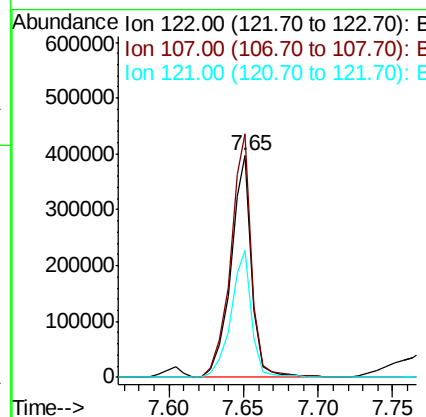
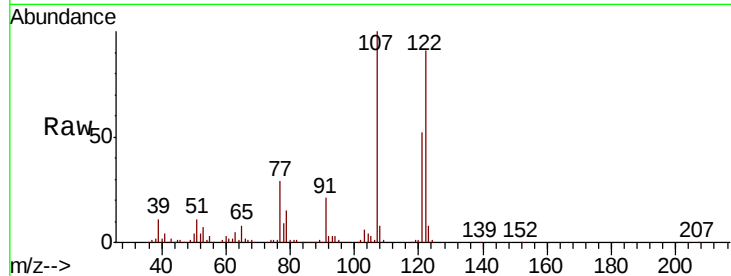




#27
 2,4-Dimethylphenol
 Concen: 45.615 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

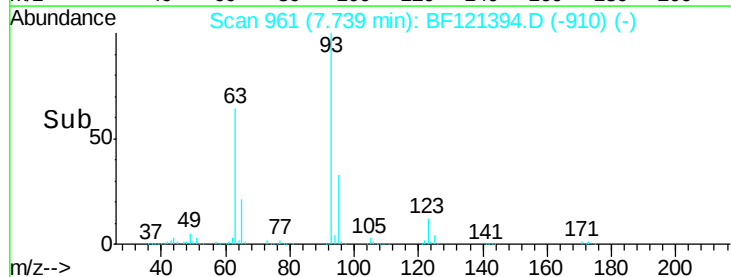
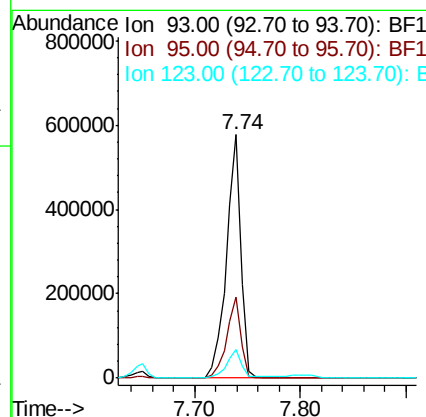
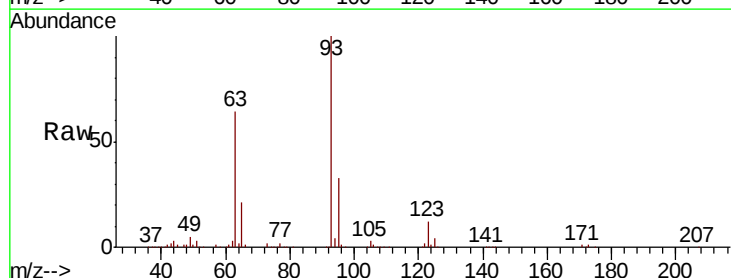
Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

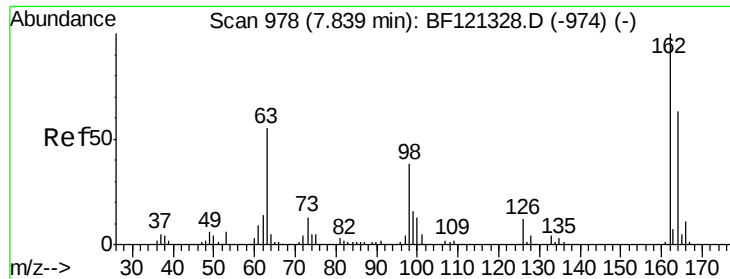
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.9	85.1	127.7
121	57.5	44.9	67.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.983 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.6	39.8
123	11.7	9.4	14.0

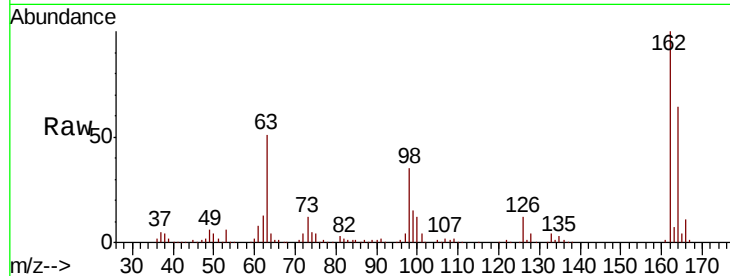




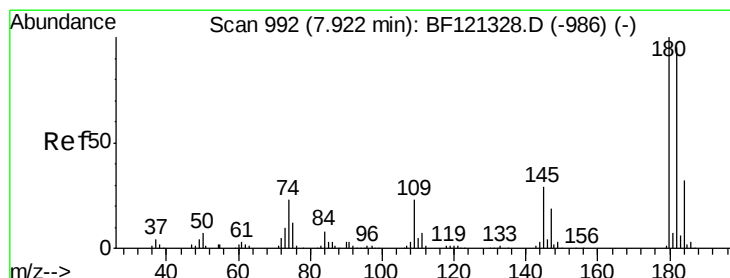
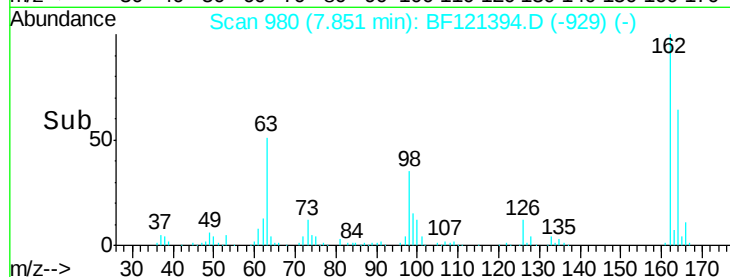
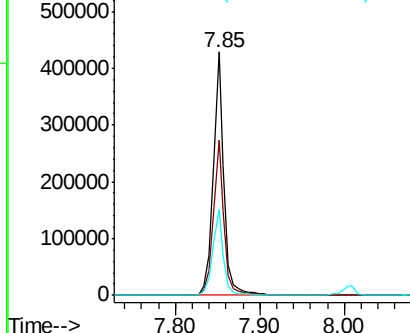
#29
 2,4-Dichlorophenol
 Concen: 41.733 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.3	84.3
98	35.3	16.1	56.1

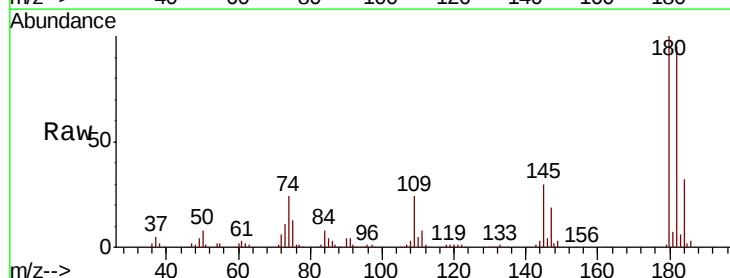


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

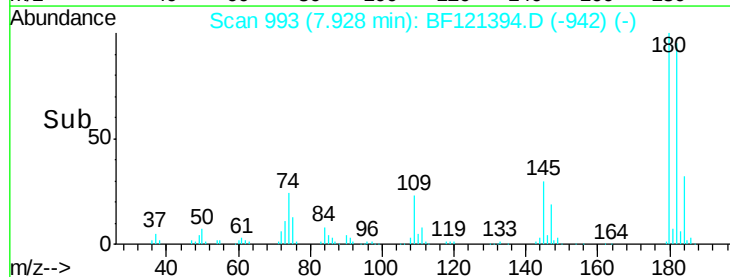
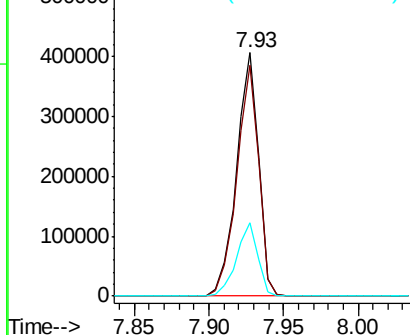


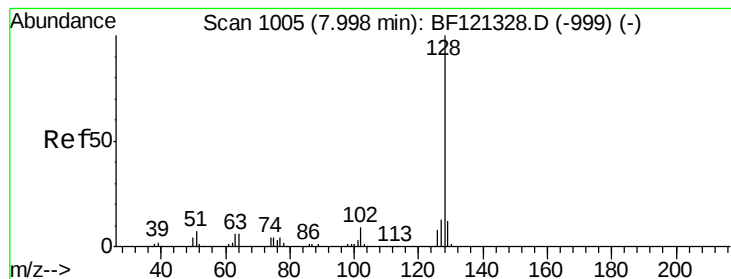
#30
 1,2,4-Trichlorobenzene
 Concen: 39.187 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.0	112.6
145	30.1	24.1	36.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.549 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

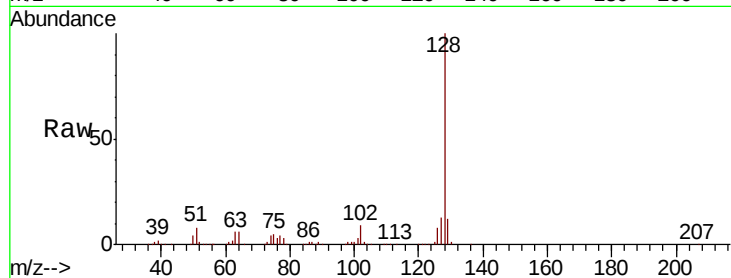
Tot Ion:128 Resp: 1277205

Ion Ratio Lower Upper

128 100

129 11.6 8.9 13.3

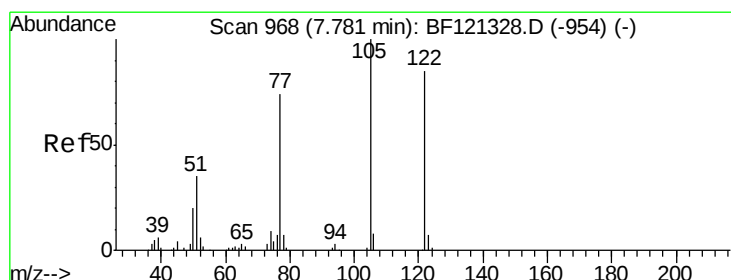
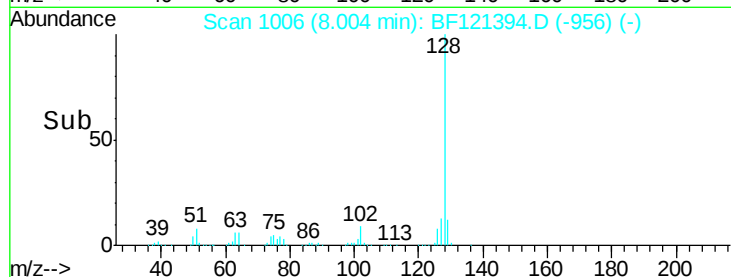
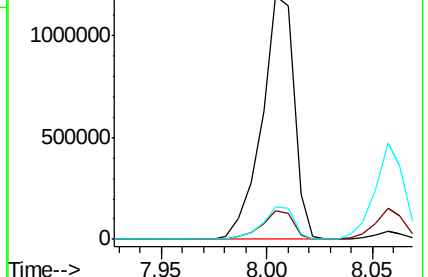
127 13.4 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.674 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

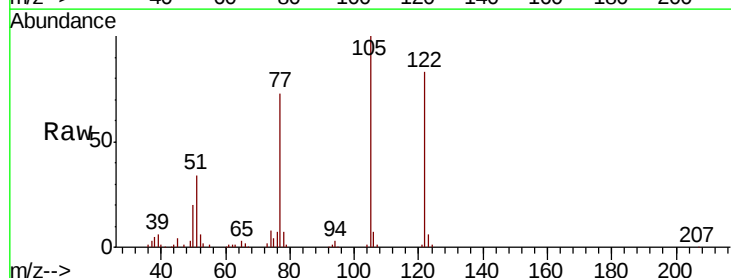
Tgt Ion:122 Resp: 255832

Ion Ratio Lower Upper

122 100

105 120.5 98.8 138.8

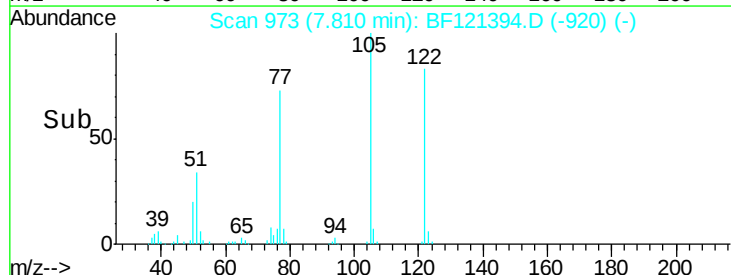
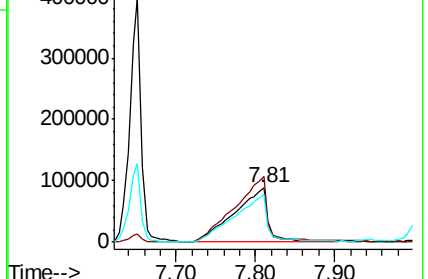
77 88.0 66.3 106.3

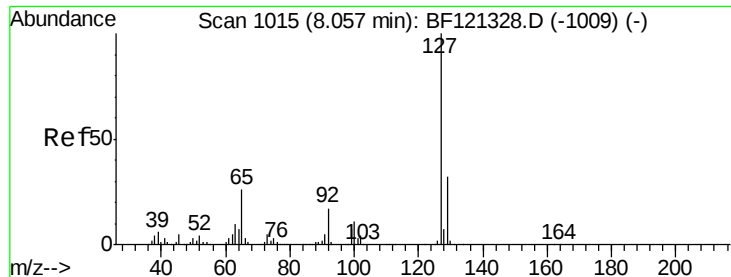


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

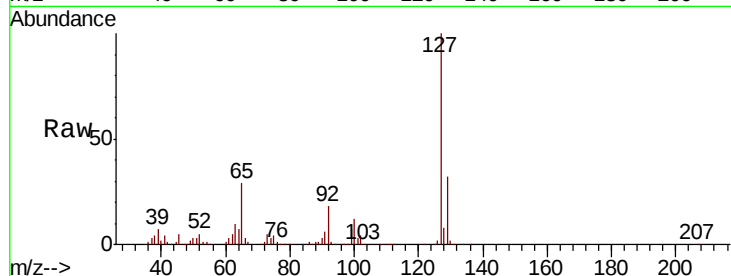




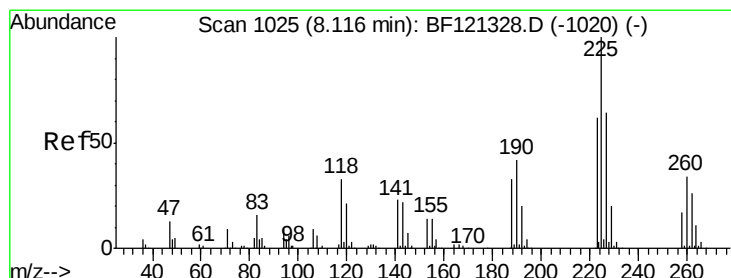
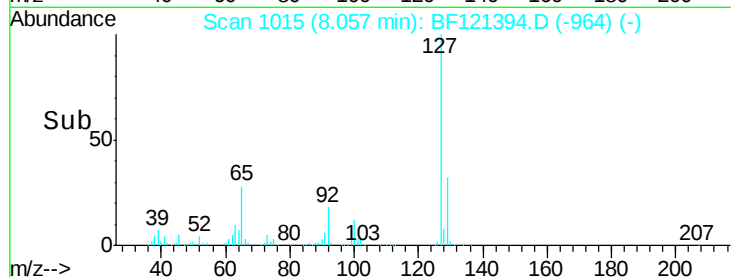
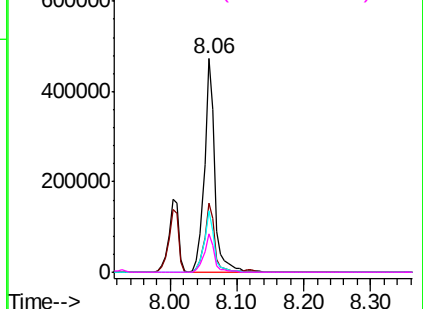
#33
4-Chloroaniline
Concen: 34.914 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion:	127	Resp:	499285
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	28.8	23.7	35.5
92	18.2	14.6	22.0

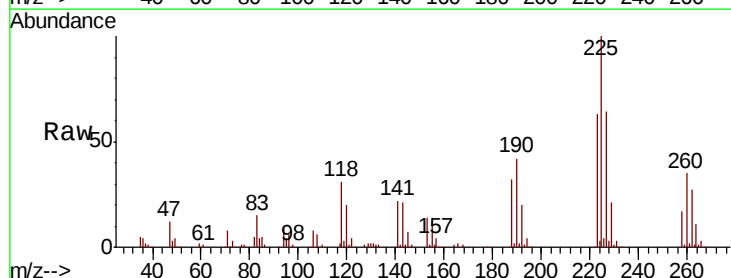


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

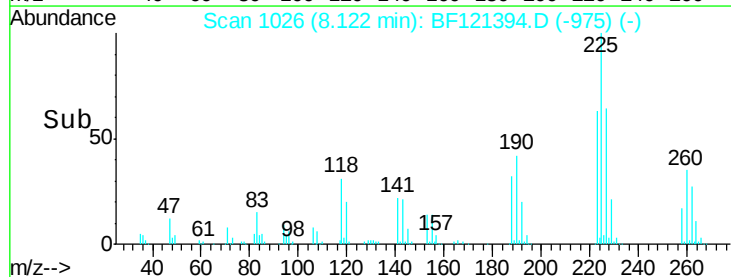
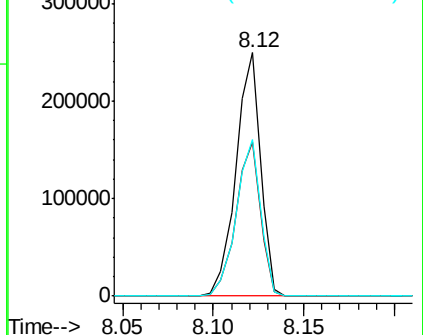


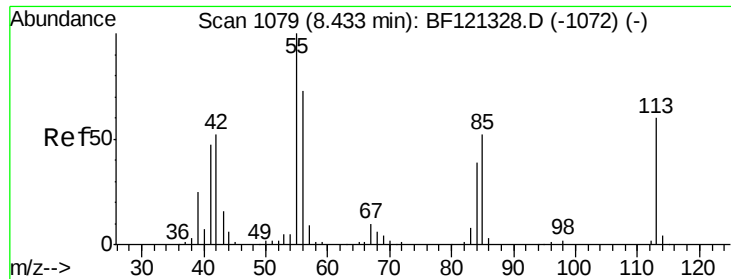
#34
Hexachlorobutadiene
Concen: 37.257 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion:	225	Resp:	235570
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.2	76.8
227	64.4	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

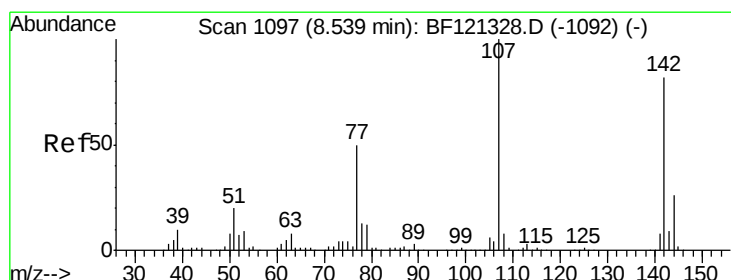
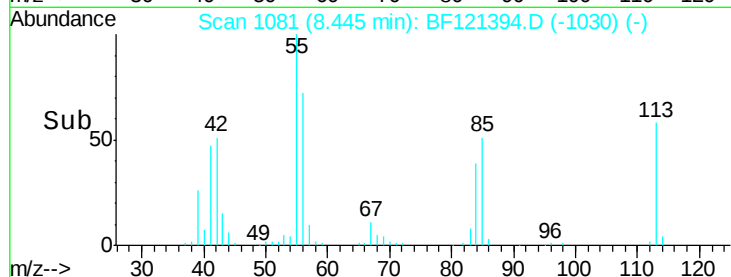
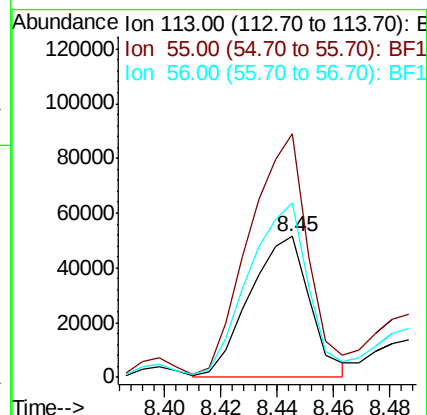
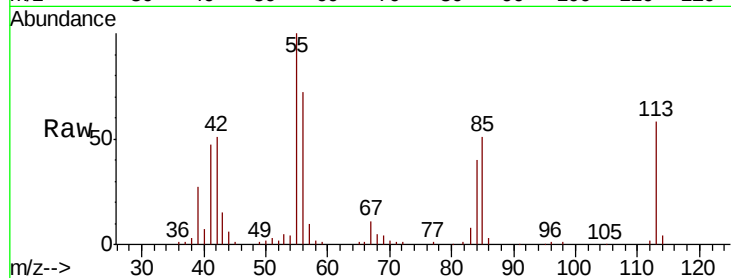




#35
Caprolactam
Concen: 24.903 ng
RT: 8.45 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

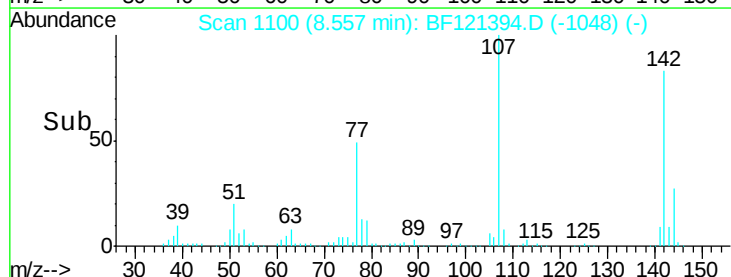
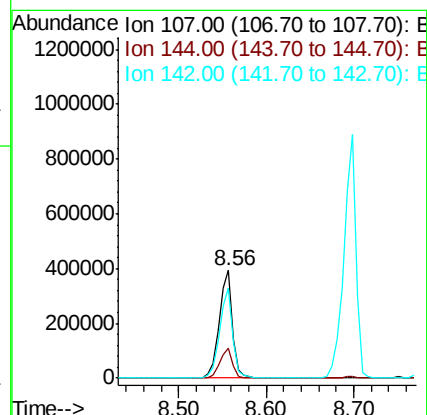
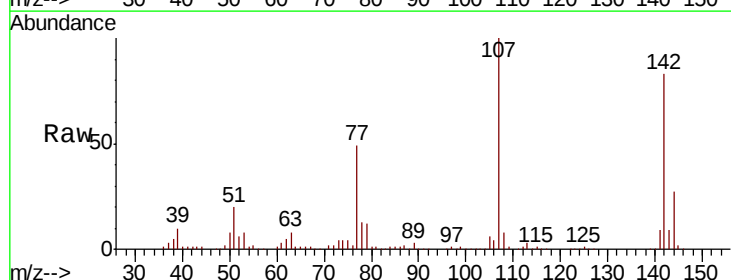
Instrument :
BNA_F
ClientSampleId :
PB131080BS

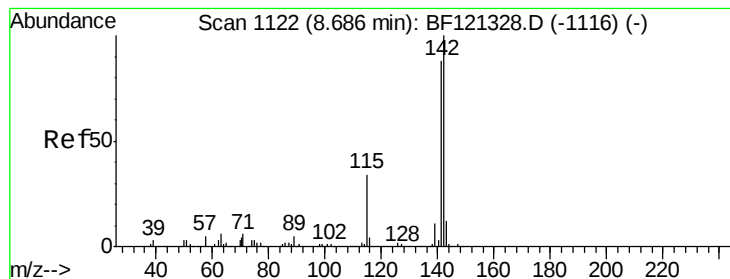
Tot Ion:113 Resp: 76201
Ion Ratio Lower Upper
113 100
55 172.8 147.4 187.4
56 124.0 102.7 142.7



#36
4-Chloro-3-methylphenol
Concen: 43.392 ng
RT: 8.56 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion:107 Resp: 410029
Ion Ratio Lower Upper
107 100
144 27.1 20.7 31.1
142 82.9 65.4 98.2





#37

2-Methylnaphthalene

Concen: 40.877 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

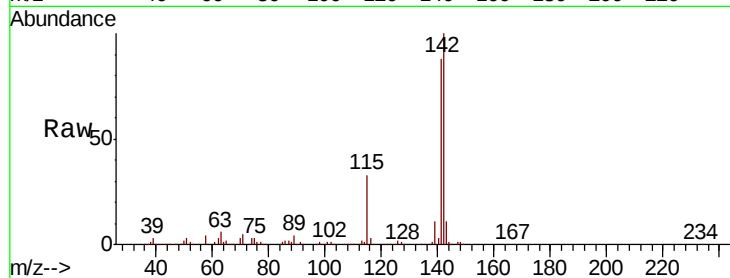
Tot Ion:142 Resp: 855633

Ion Ratio Lower Upper

142 100

141 88.3 71.2 106.8

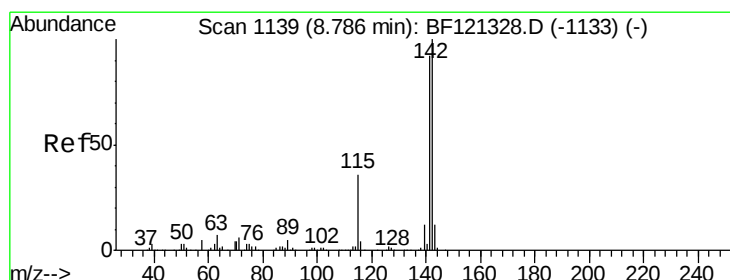
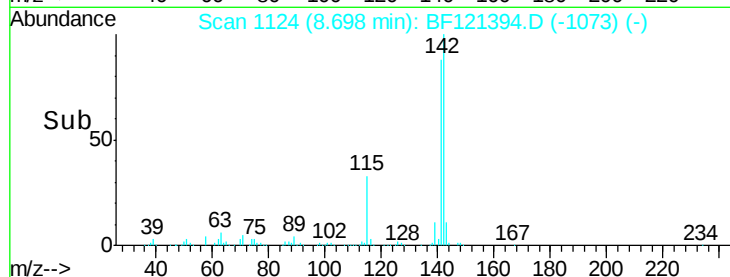
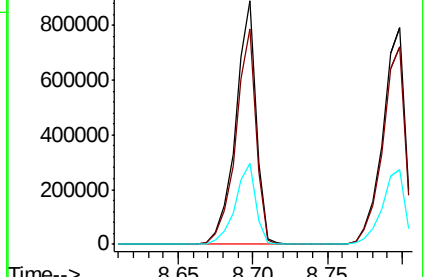
115 33.1 26.9 40.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.467 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

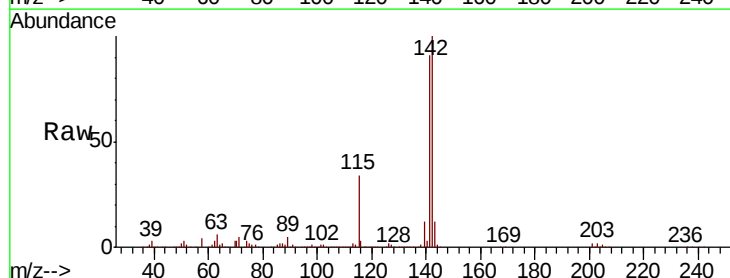
Tgt Ion:142 Resp: 805401

Ion Ratio Lower Upper

142 100

141 90.7 73.0 109.6

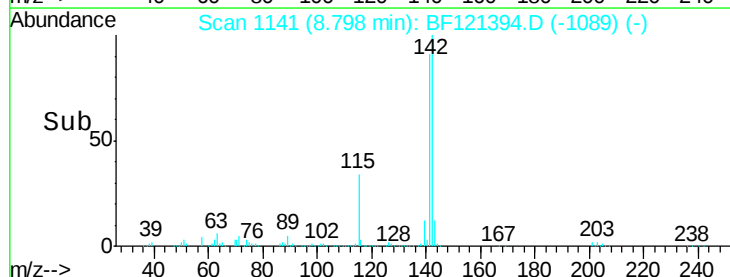
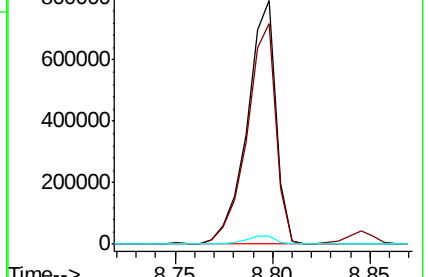
116 3.5 3.0 4.6

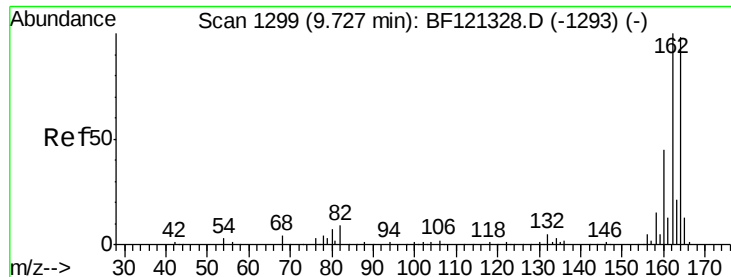


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

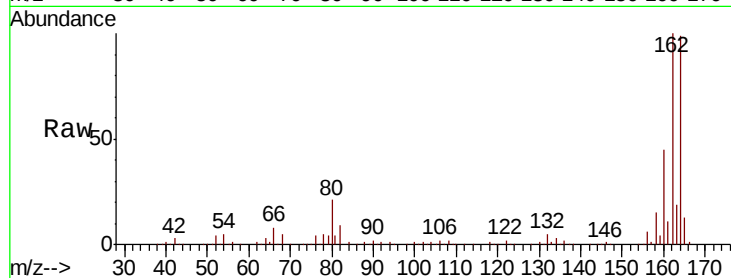
Tot Ion:164 Resp: 335795

Ion Ratio Lower Upper

164 100

162 100.8 81.9 122.9

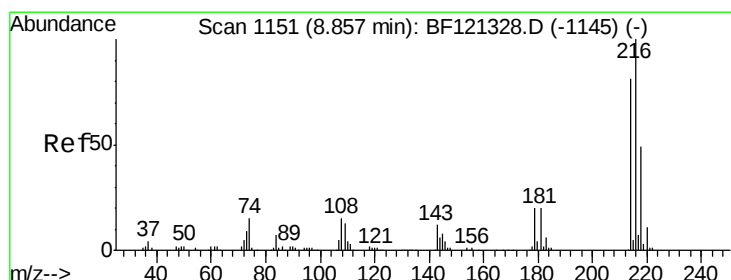
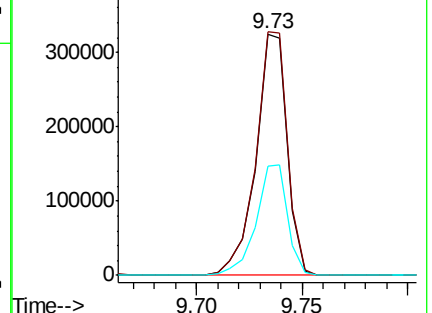
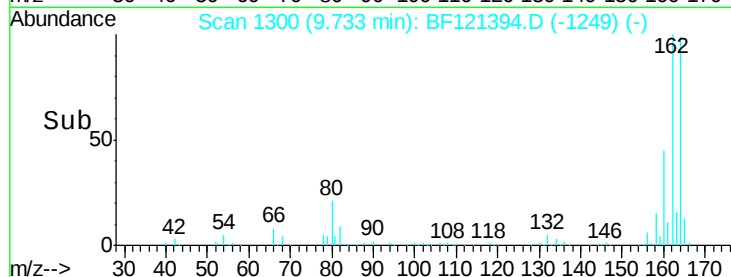
160 45.3 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.481 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Tgt Ion:216 Resp: 393483

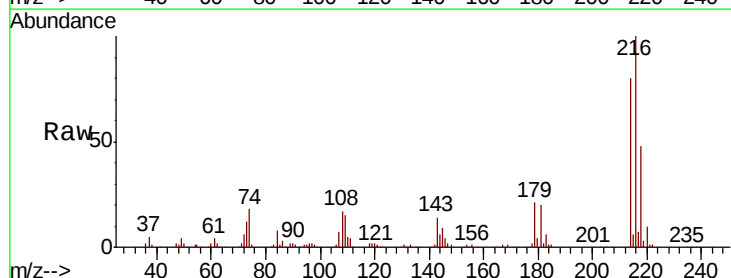
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 20.6 16.6 24.8

108 19.3 14.1 21.1

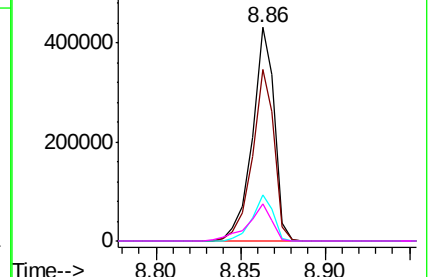
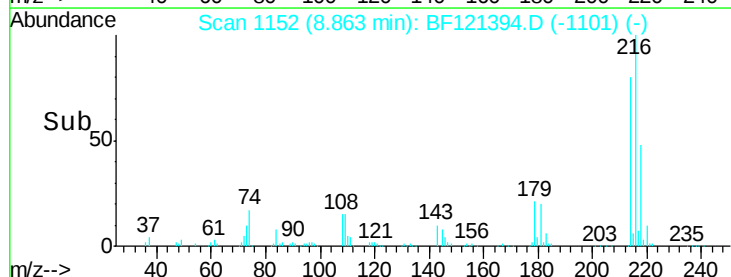


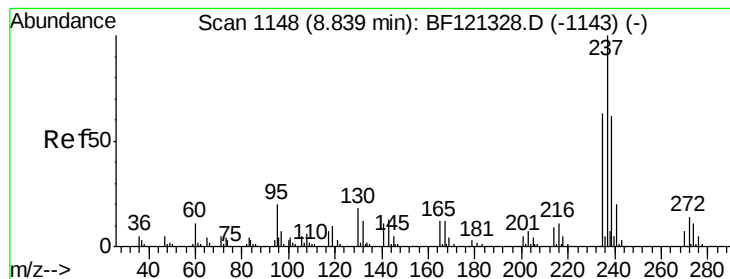
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.850 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

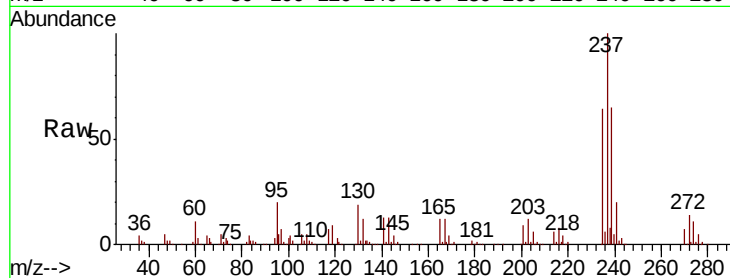
Tot Ion:237 Resp: 306573

Ion Ratio Lower Upper

237 100

235 63.8 42.8 82.8

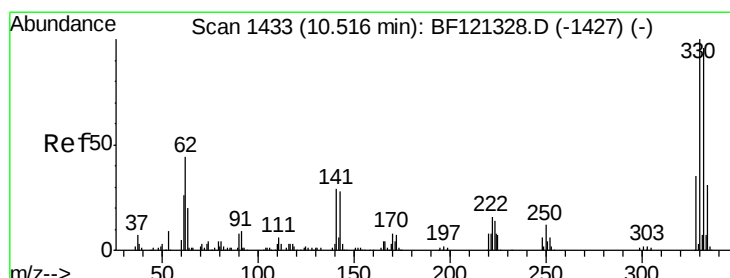
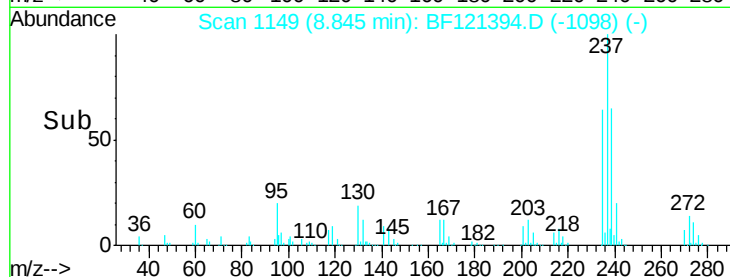
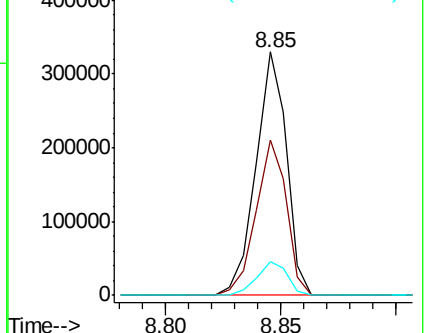
272 13.7 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.124 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

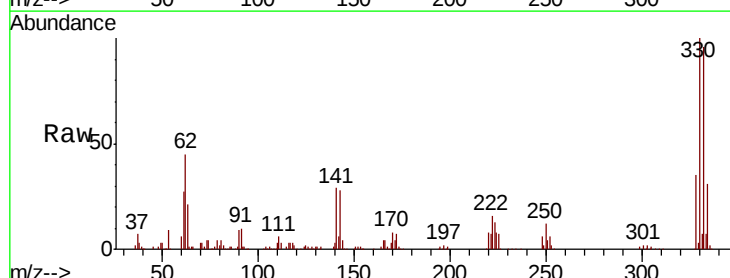
Tgt Ion:330 Resp: 329182

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

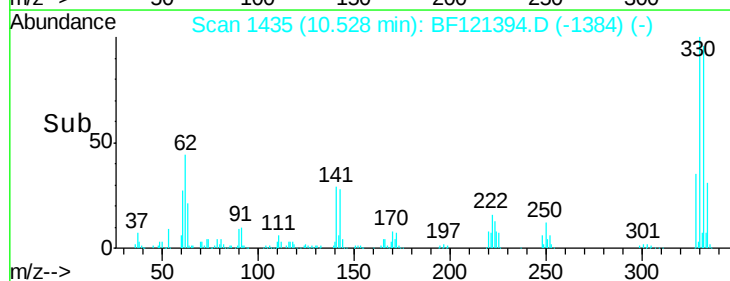
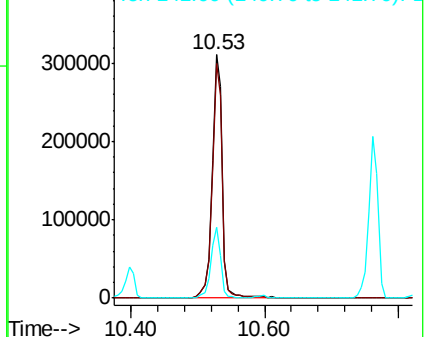
141 28.6 22.8 34.2

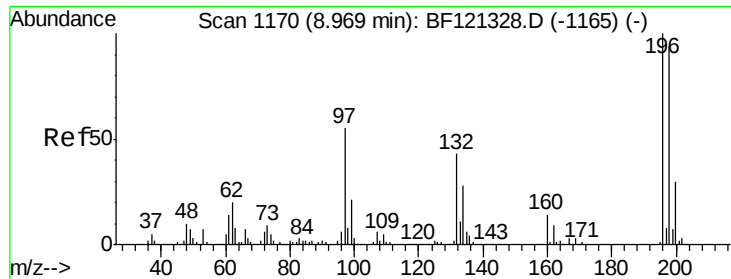


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

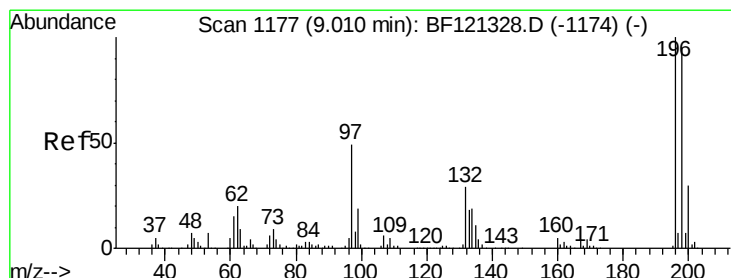
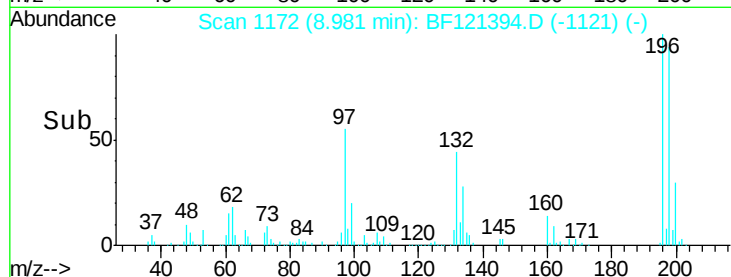
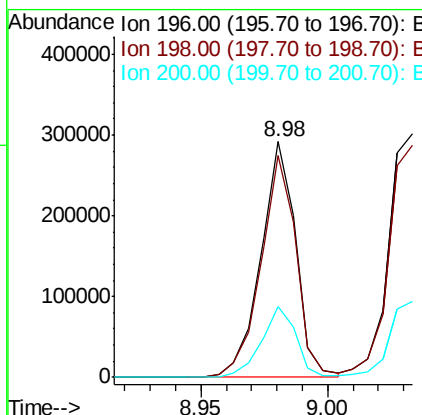
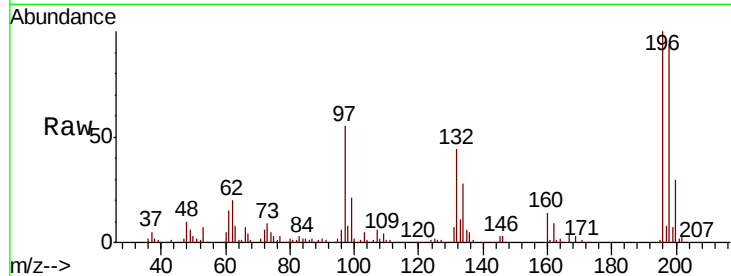




#43
 2,4,6-Trichlorophenol
 Concen: 41.364 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

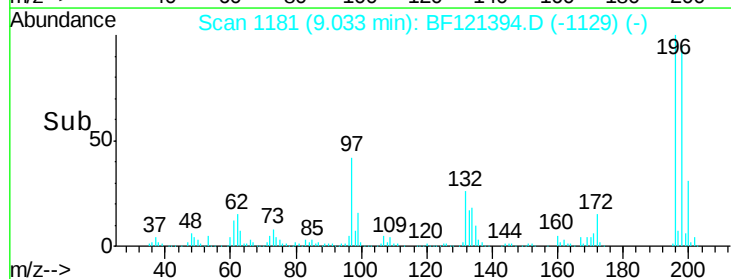
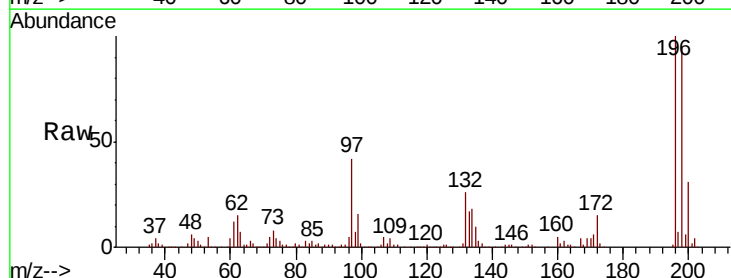
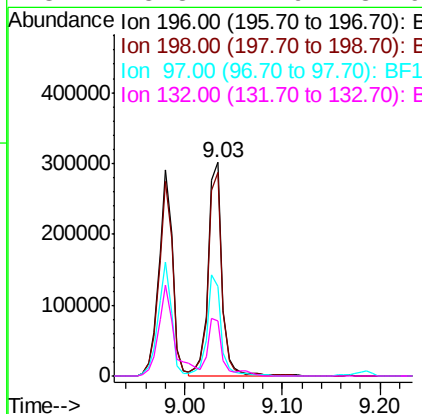
Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

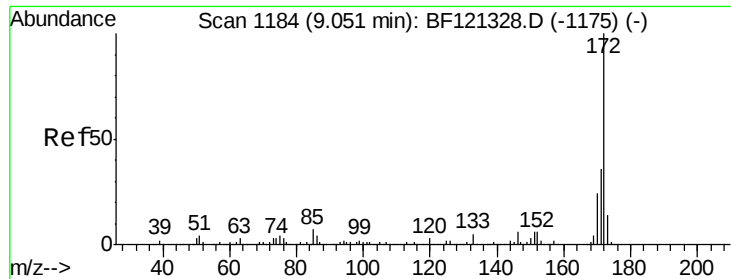
Tot Ion	196	Resp	281834
Ion Ratio	Lower	Upper	
196	100		
198	93.9	76.6	114.8
200	30.3	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.336 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion	196	Resp	296771
Ion Ratio	Lower	Upper	
196	100		
198	95.3	76.5	114.7
97	42.1	37.3	55.9
132	25.8	21.9	32.9



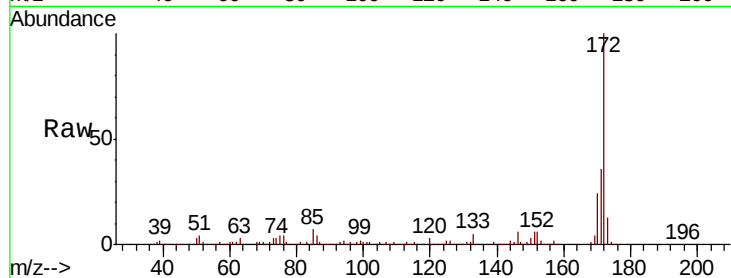


#45
 2-Fluorobiphenyl
 Concen: 99.403 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

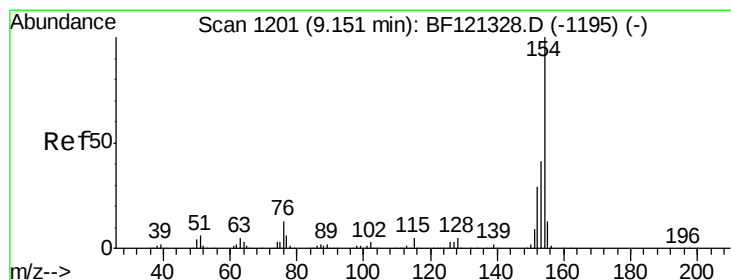
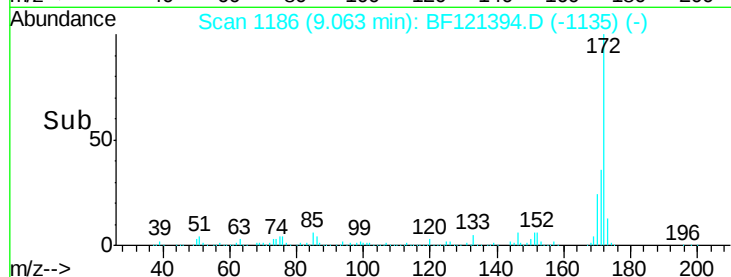
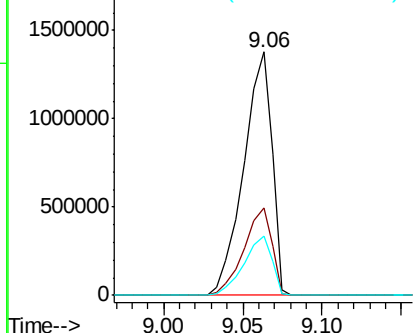
Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

Tot Ion:172 Resp: 1700453

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.4	19.6	29.4



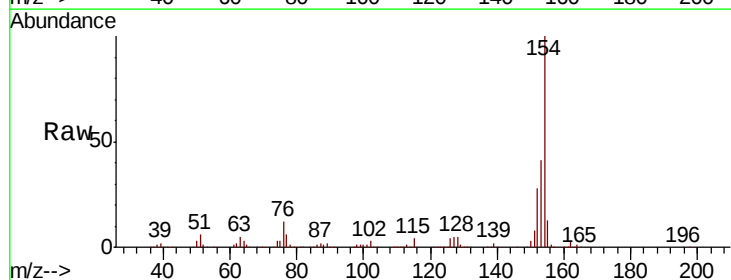
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



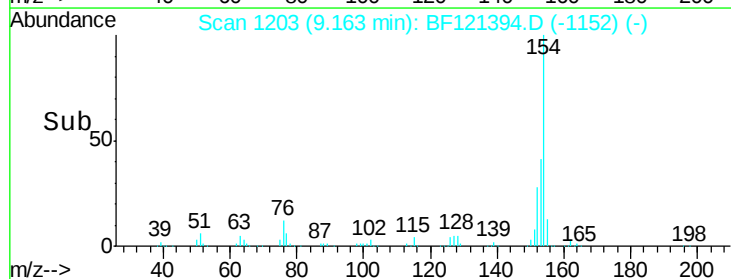
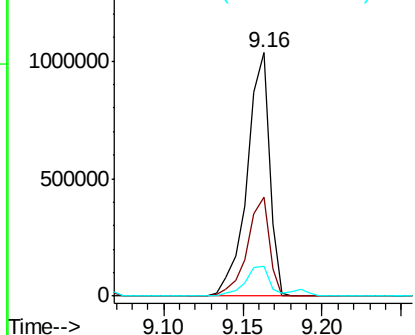
#46
 1,1'-Biphenyl
 Concen: 40.213 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

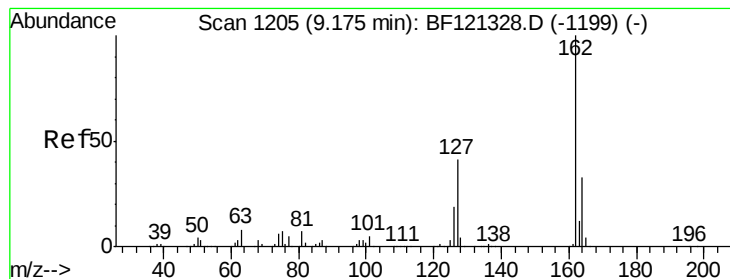
Tgt Ion:154 Resp: 1012072

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	12.4	0.0	31.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 38.638 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

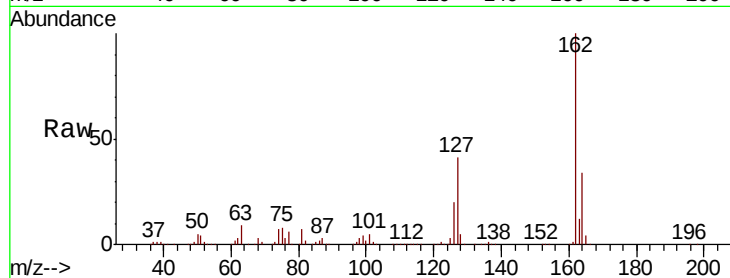
Tot Ion:162 Resp: 801163

Ion Ratio Lower Upper

162 100

127 41.0 32.4 48.6

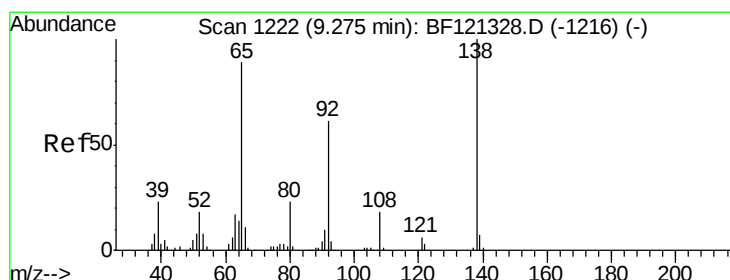
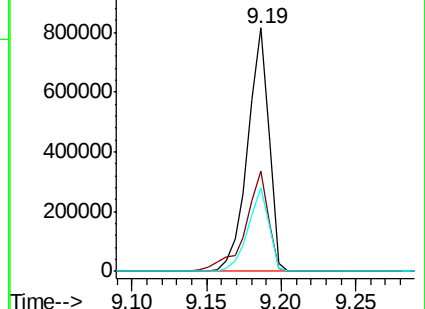
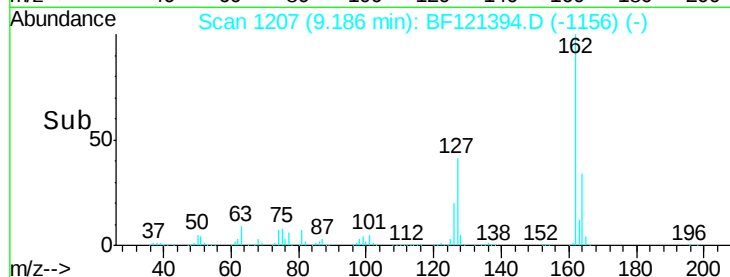
164 34.2 26.4 39.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.745 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

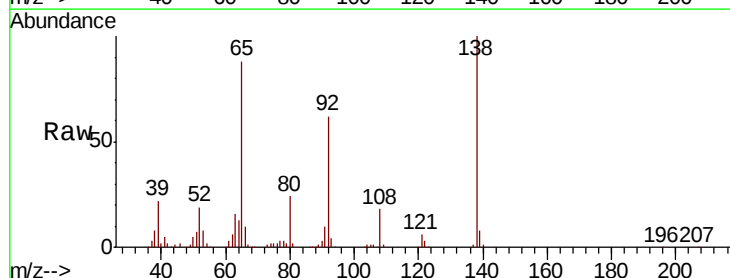
Tgt Ion: 65 Resp: 266006

Ion Ratio Lower Upper

65 100

92 70.8 58.0 87.0

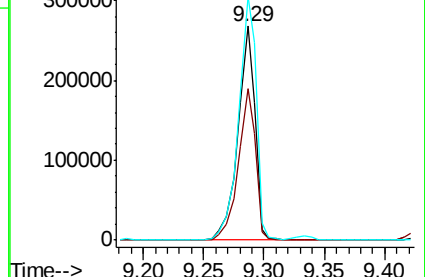
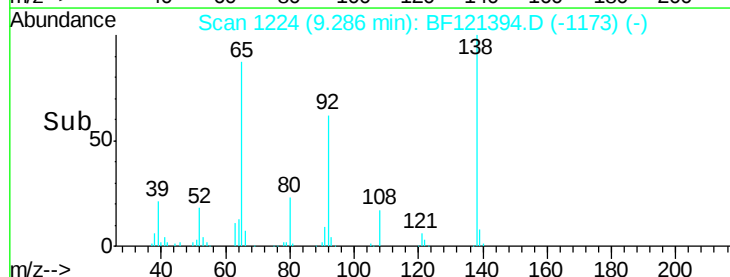
138 113.7 94.1 141.1

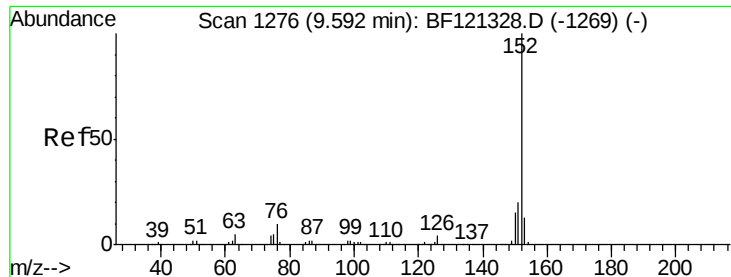


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.001 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

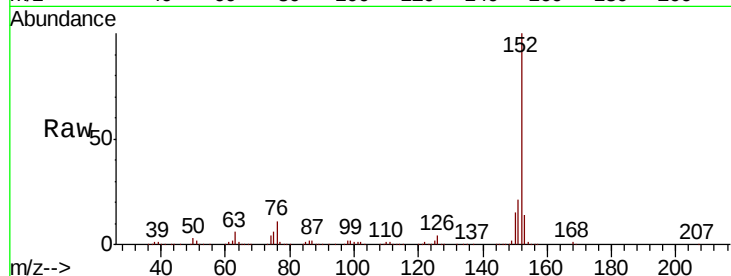
Tot Ion:152 Resp: 1231953

Ion Ratio Lower Upper

152 100

151 20.7 16.5 24.7

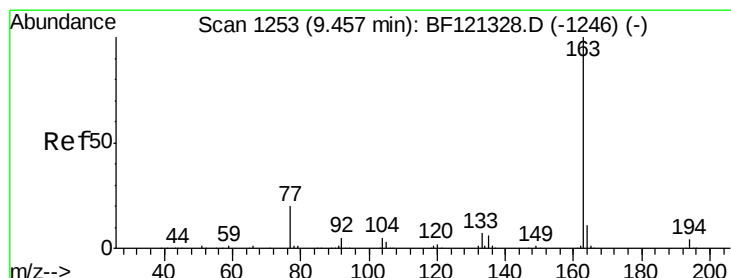
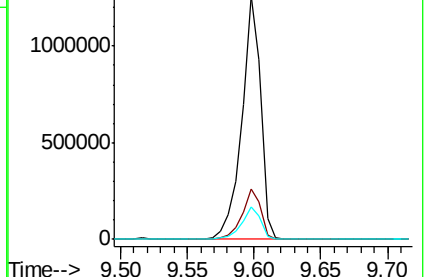
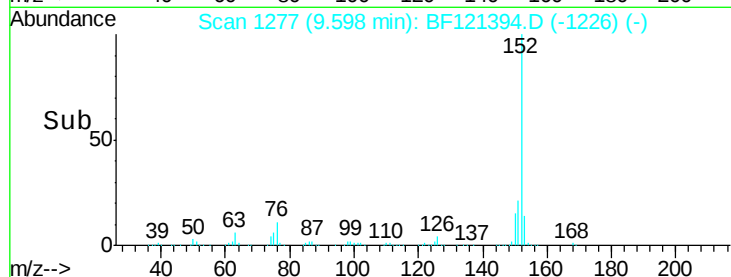
153 13.5 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.470 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

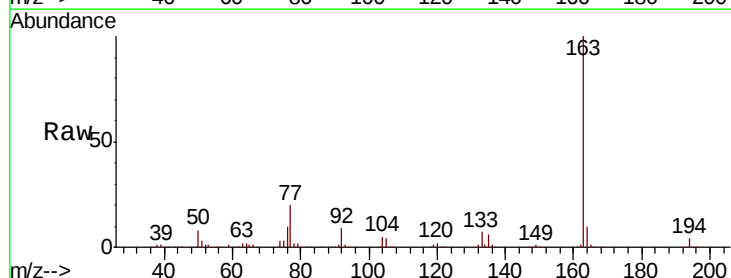
Tgt Ion:163 Resp: 988681

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

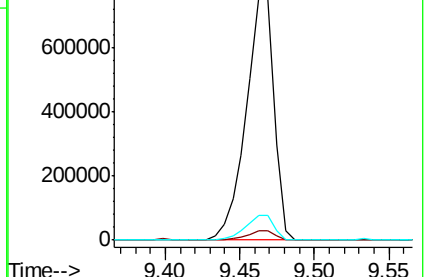
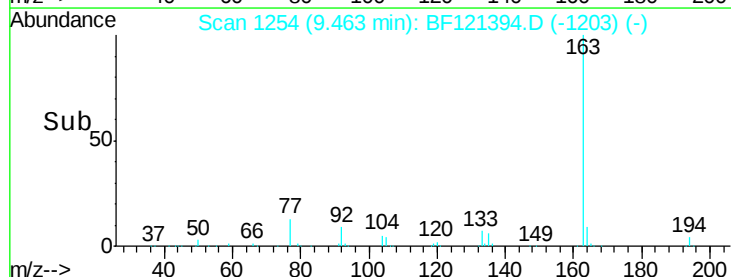
164 10.3 8.5 12.7

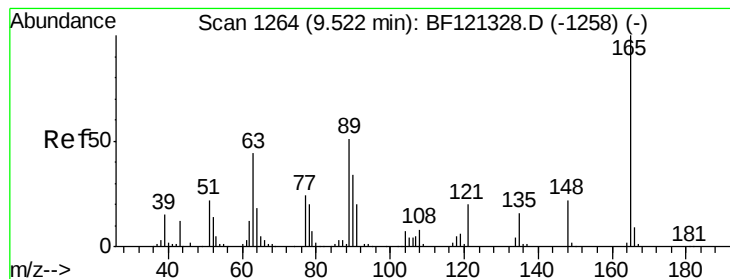


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.033 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

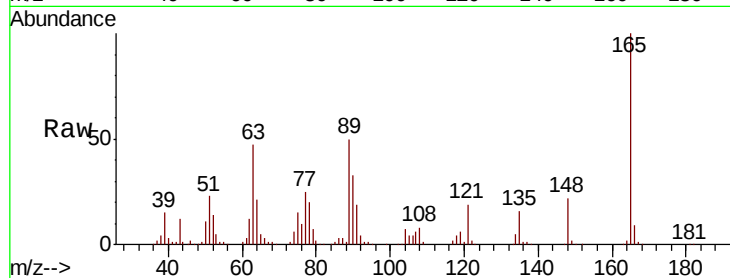
Tot Ion:165 Resp: 224519

Ion Ratio Lower Upper

165 100

63 46.5 36.1 54.1

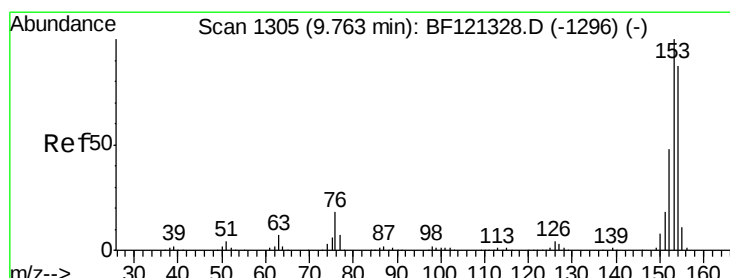
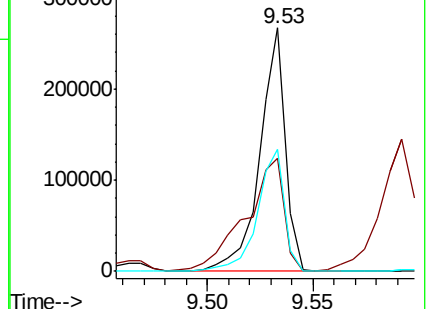
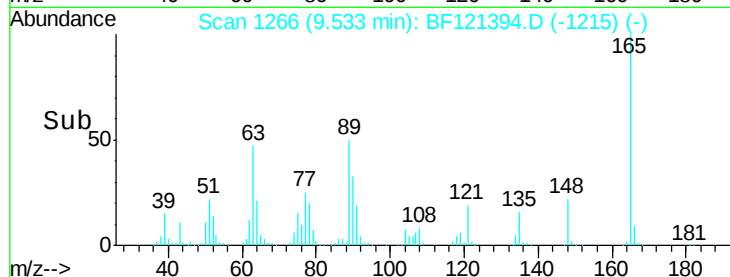
89 49.9 39.4 59.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.414 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

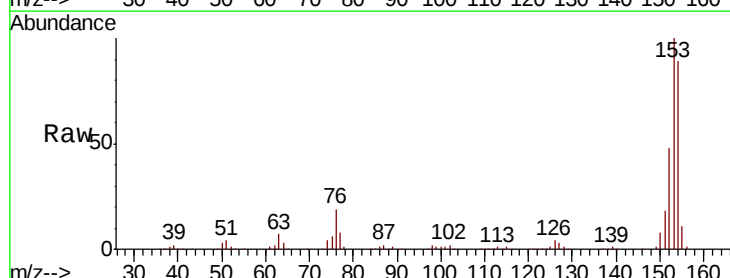
Tgt Ion:154 Resp: 737572

Ion Ratio Lower Upper

154 100

153 111.9 89.1 133.7

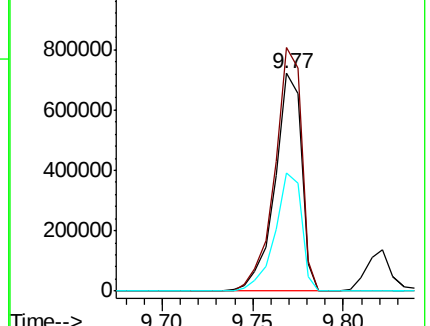
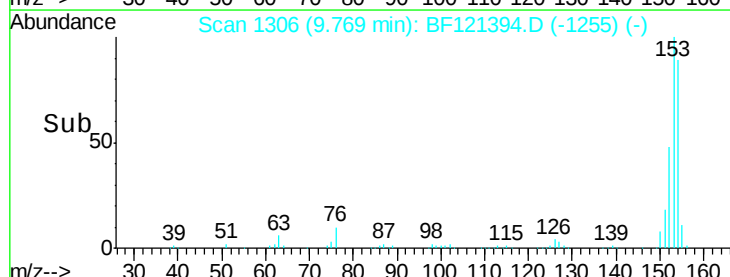
152 54.3 43.2 64.8

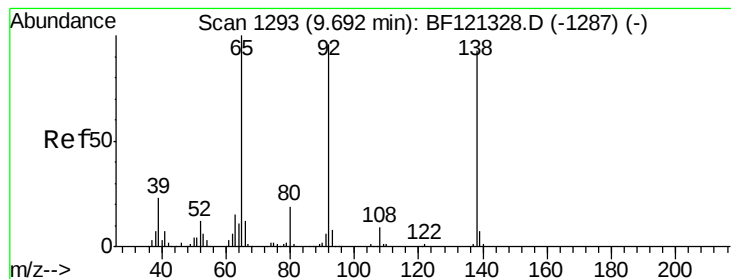


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 33.207 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

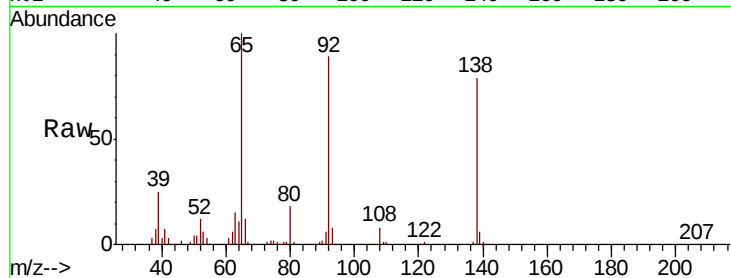
Tot Ion:138 Resp: 216735

Ion Ratio Lower Upper

138 100

108 9.6 7.9 11.9

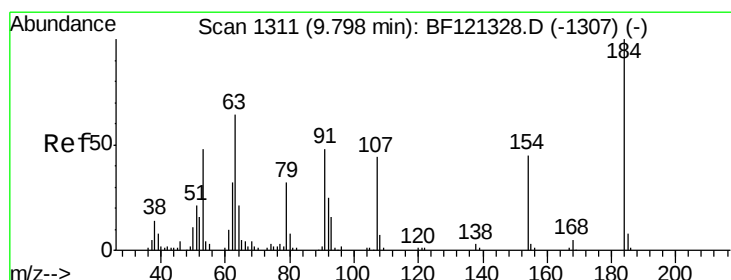
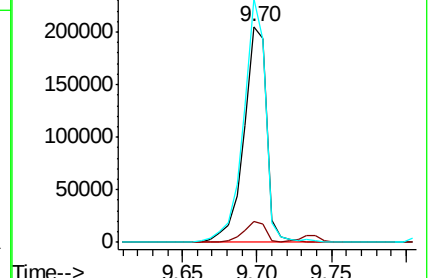
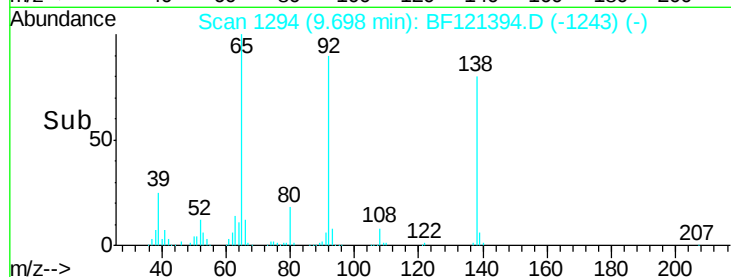
92 112.7 87.2 130.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 93.350 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

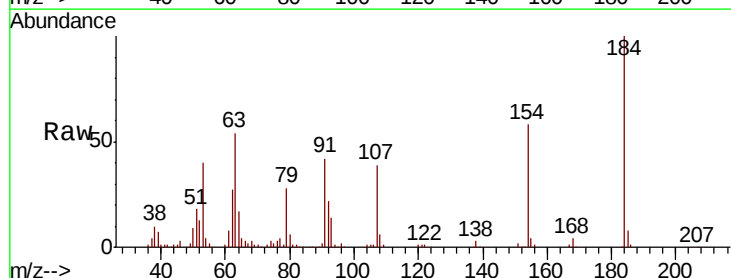
Tgt Ion:184 Resp: 234805

Ion Ratio Lower Upper

184 100

63 54.5 48.2 72.2

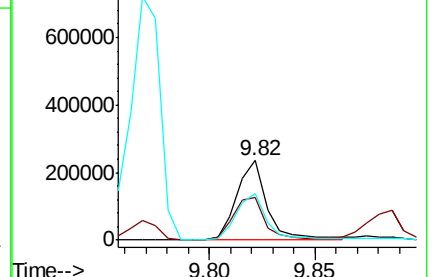
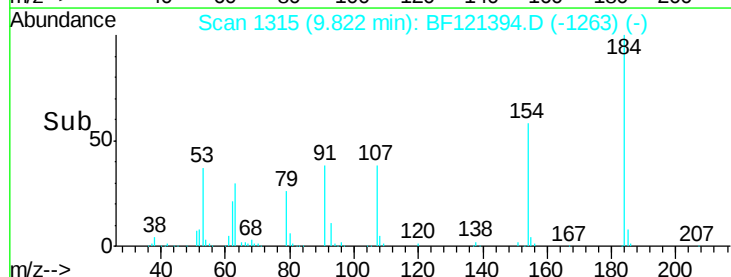
154 58.5 47.7 71.5

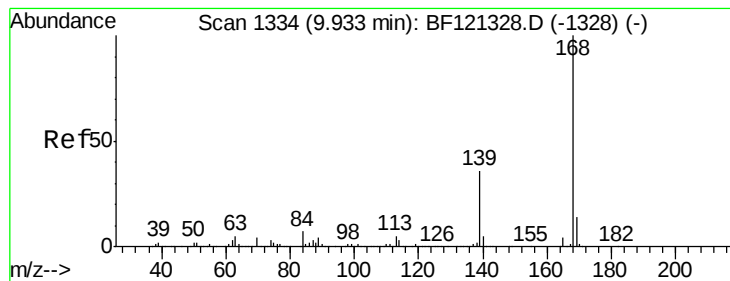


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 44.170 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

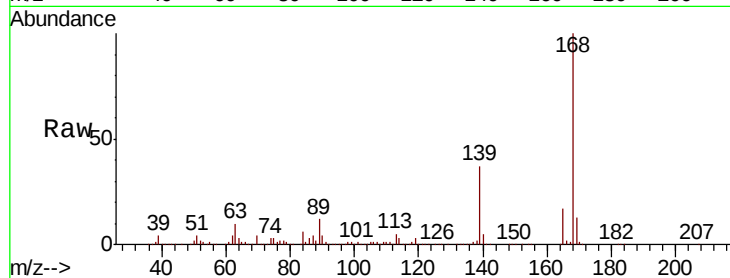
Tot Ion:168 Resp: 1057374

Ion Ratio Lower Upper

168 100

139 36.8 28.2 42.4

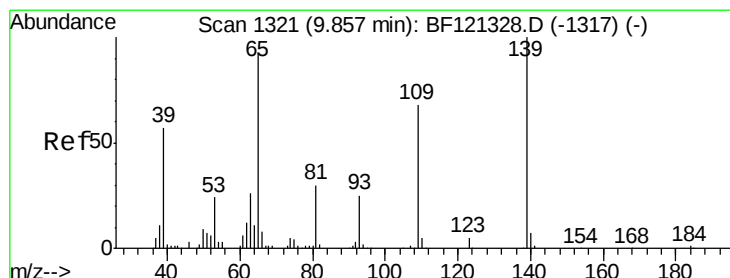
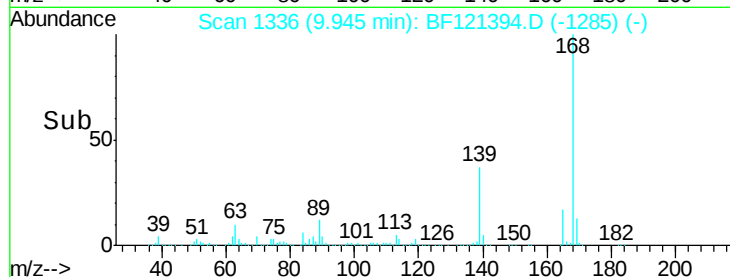
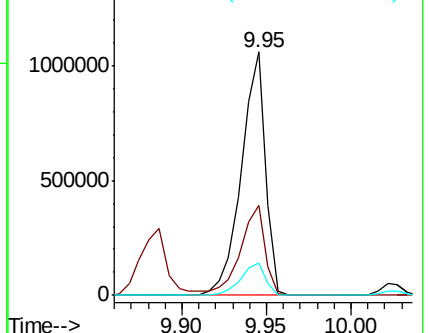
169 13.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 78.218 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

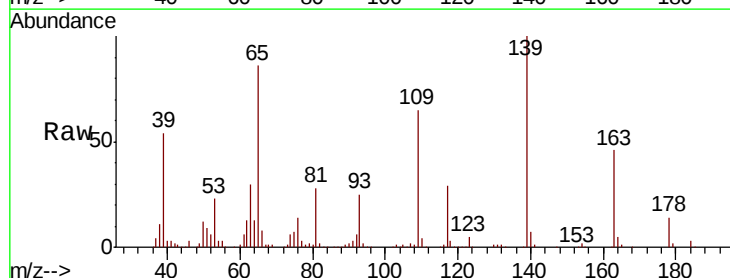
Tgt Ion:139 Resp: 314842

Ion Ratio Lower Upper

139 100

109 64.9 46.1 86.1

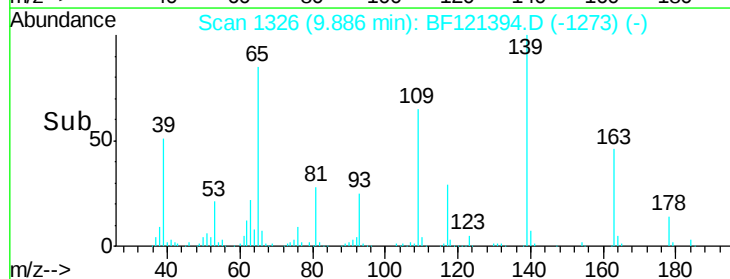
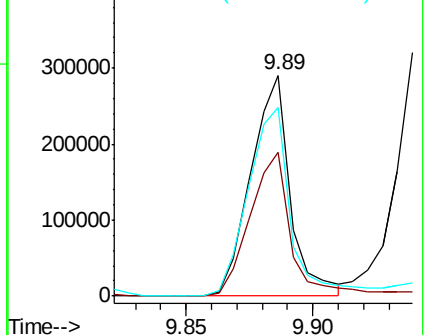
65 85.6 71.1 111.1

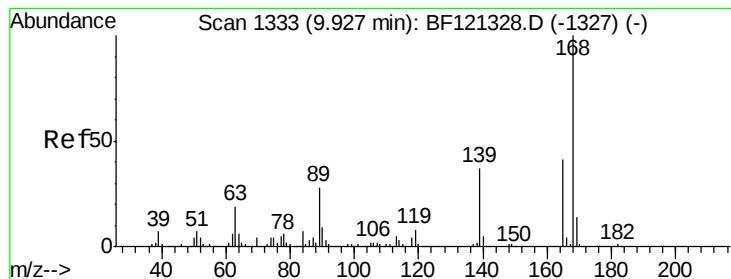


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.370 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

Tot Ion:165 Resp: 256956

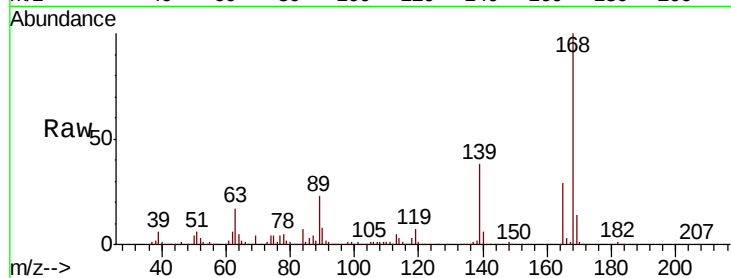
Ion Ratio Lower Upper

165 100

63 59.9 45.0 67.6

89 80.7 60.2 90.2

182 2.6 2.1 3.1

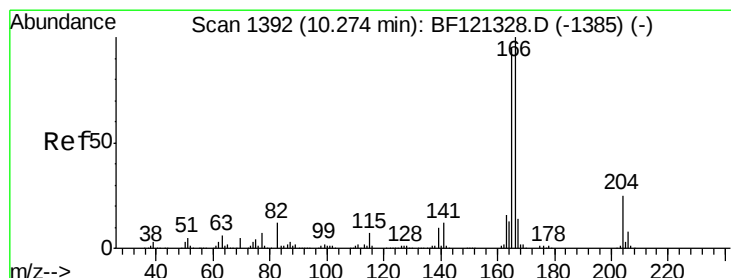
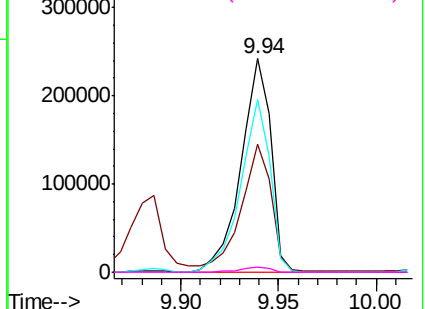
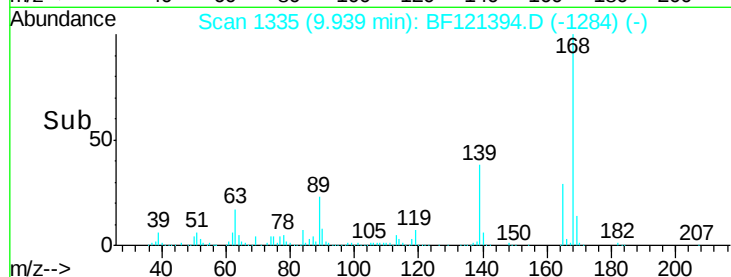


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 47.559 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

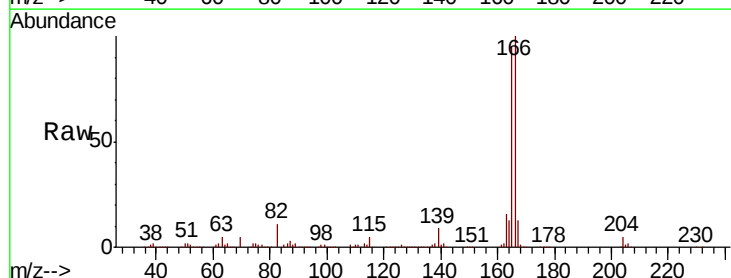
Tgt Ion:166 Resp: 829367

Ion Ratio Lower Upper

166 100

165 94.5 75.0 112.6

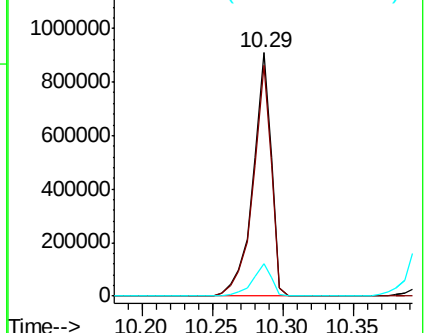
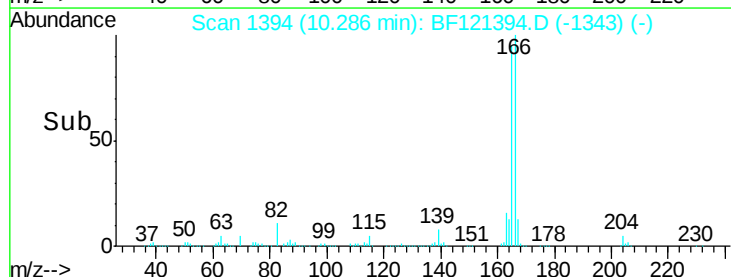
167 13.5 10.8 16.2

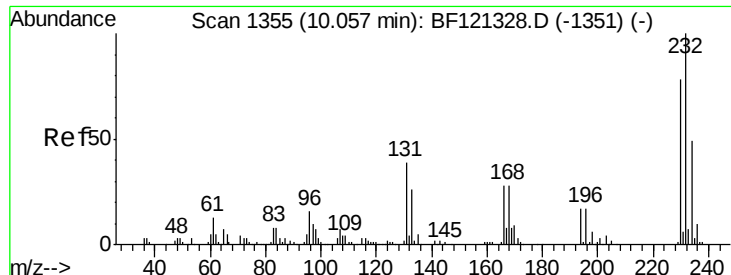


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

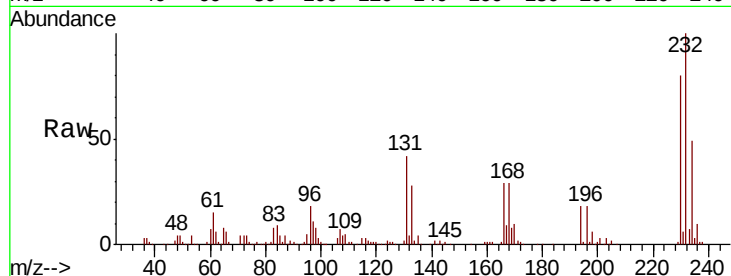




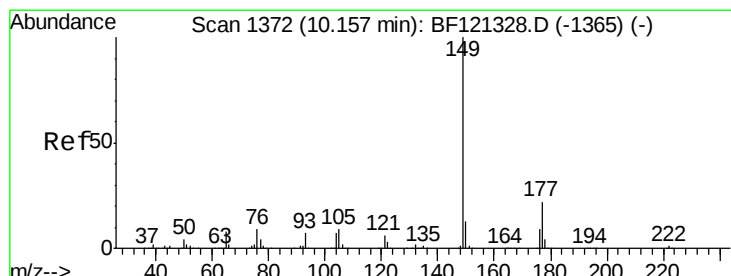
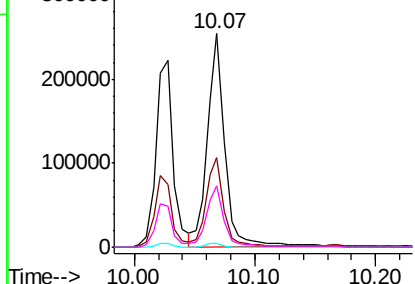
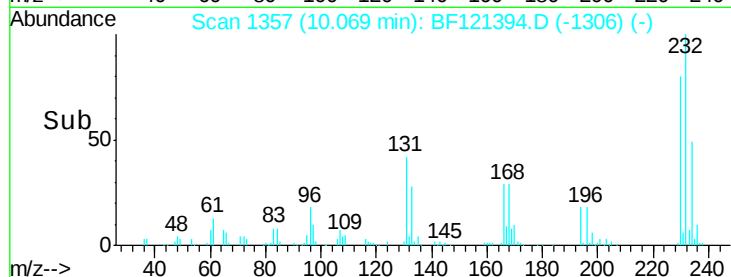
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.935 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion:	232	Resp:	251290
Ion	Ratio	Lower	Upper
232	100		
131	43.8	32.5	48.7
130	2.1	1.5	2.3
166	28.2	21.8	32.8

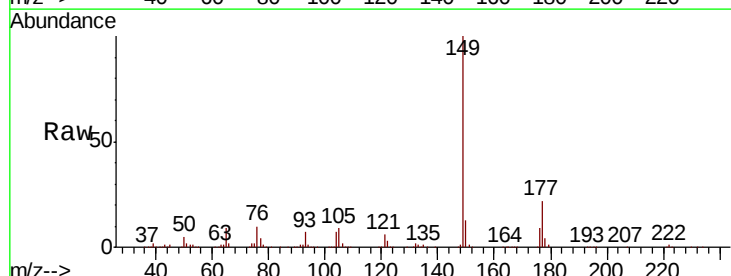


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

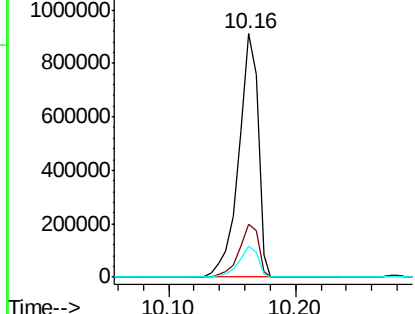
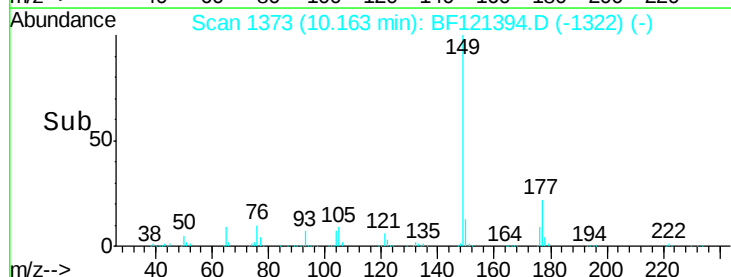


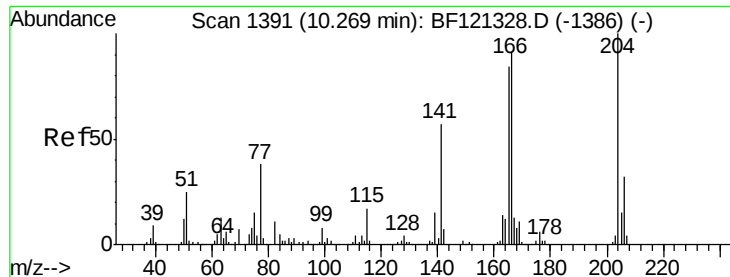
#60
Diethylphthalate
Concen: 40.087 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion:	149	Resp:	956295
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.8	26.6
150	12.7	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

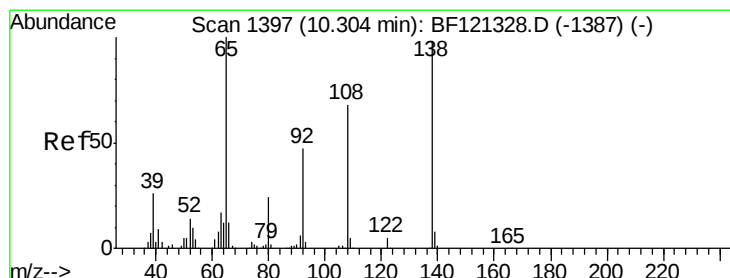
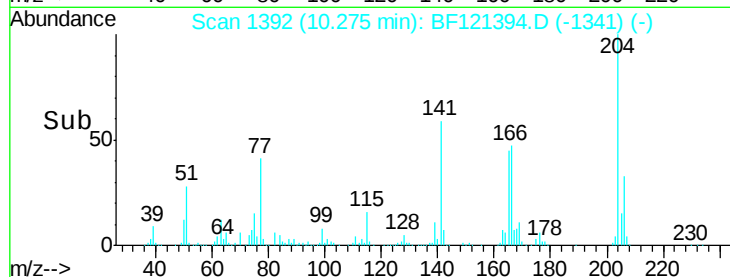
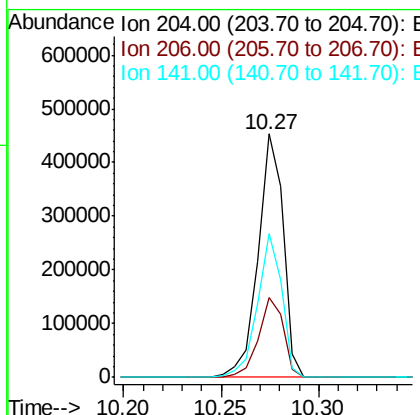
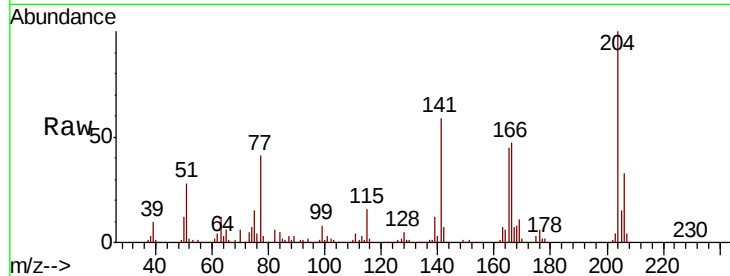




#61
4-Chlorophenyl-phenylether
Concen: 45.947 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

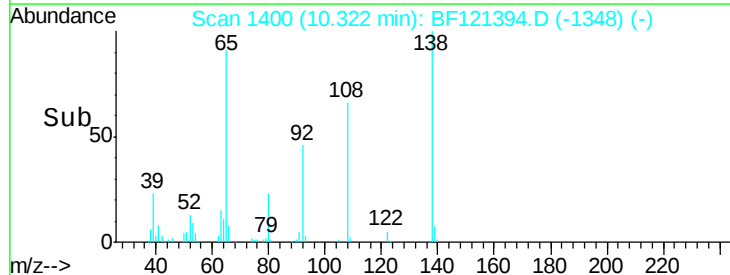
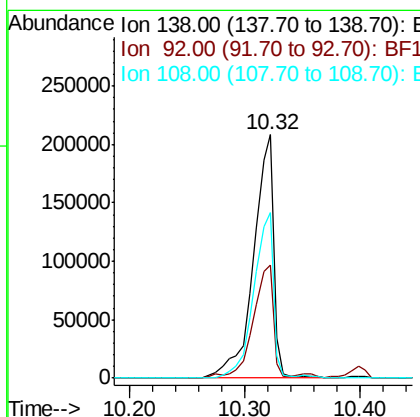
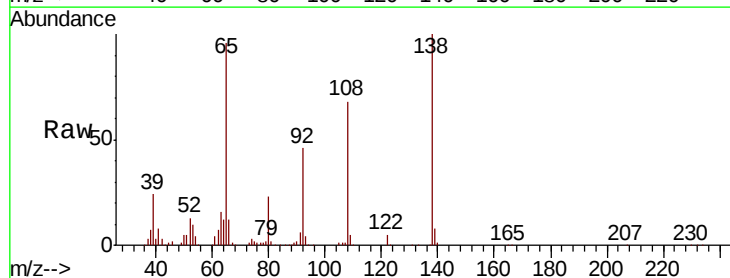
Instrument :
BNA_F
ClientSampleId :
PB131080BS

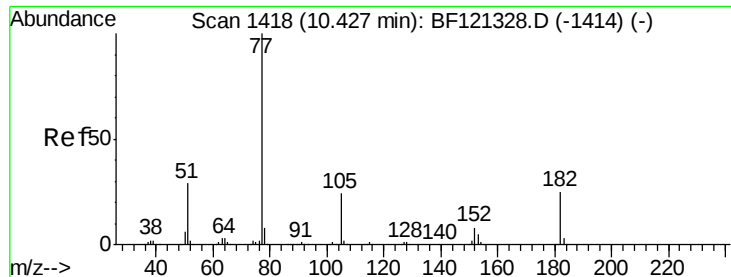
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.4
141	58.8	46.2	69.4



#62
4-Nitroaniline
Concen: 38.166 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.5	26.6	66.6
108	68.1	48.9	88.9





#63

Azobenzene

Concen: 40.116 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

Tot Ion: 77 Resp: 888879

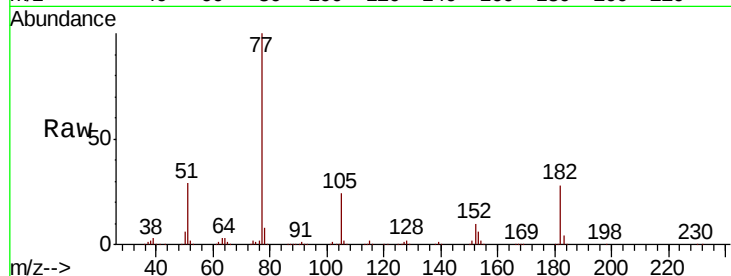
Ion Ratio Lower Upper

77 100

182 27.6 7.7 47.7

105 23.8 3.8 43.8

51 29.0 8.0 48.0

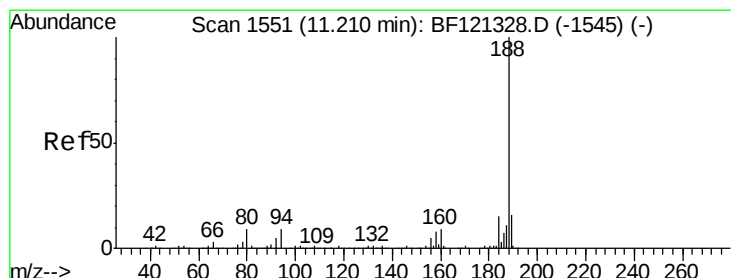
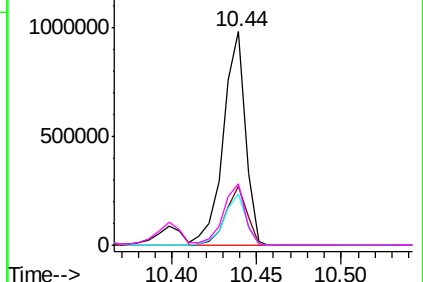
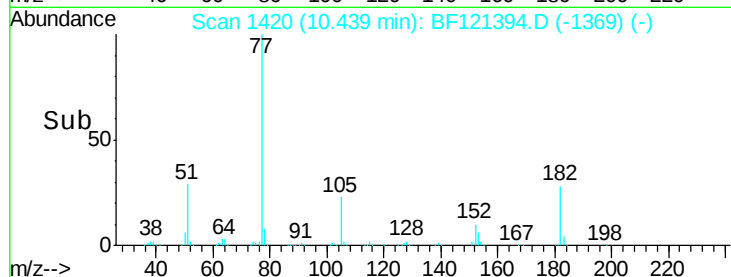


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

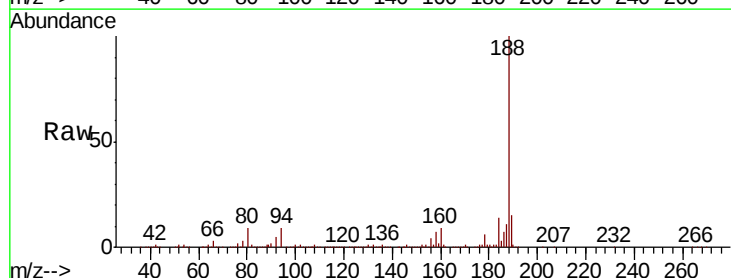
Tgt Ion: 188 Resp: 638072

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

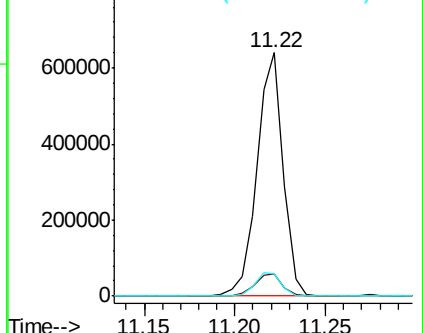
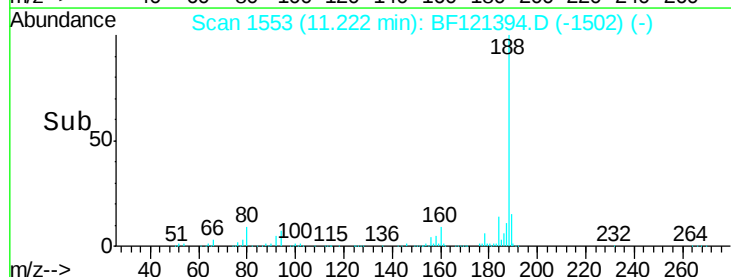
80 9.0 7.1 10.7

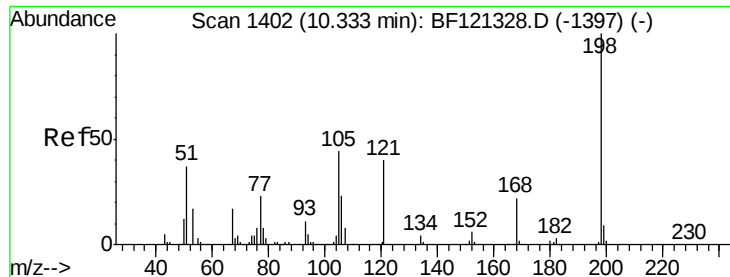


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 49.441 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

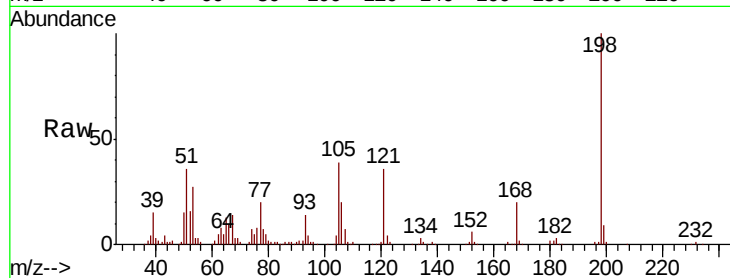
Tot Ion:198 Resp: 168711

Ion Ratio Lower Upper

198 100

51 36.3 23.9 63.9

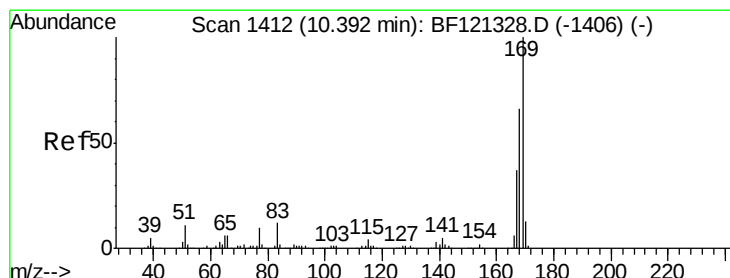
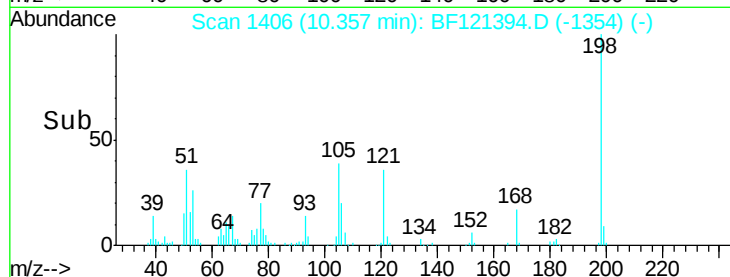
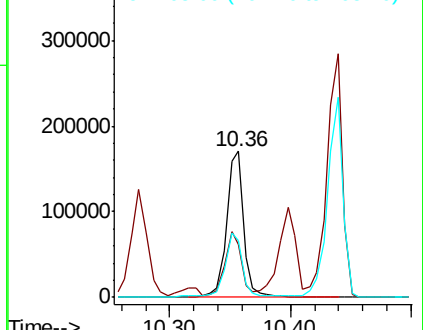
105 38.7 24.8 64.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.409 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

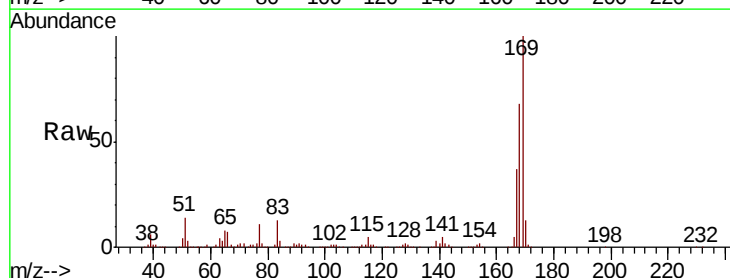
Tgt Ion:169 Resp: 815006

Ion Ratio Lower Upper

169 100

168 67.6 53.9 80.9

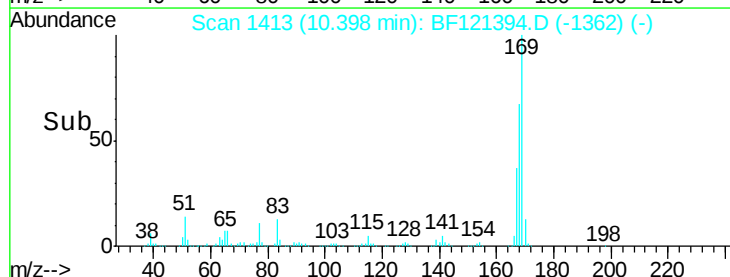
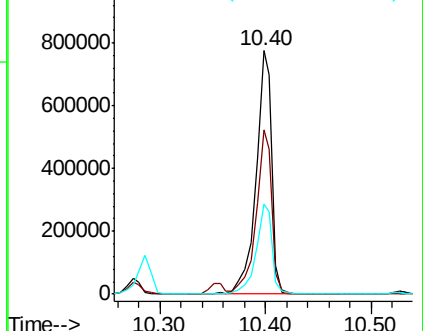
167 37.0 29.9 44.9

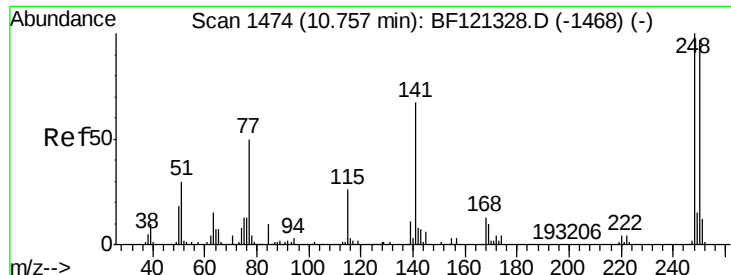


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

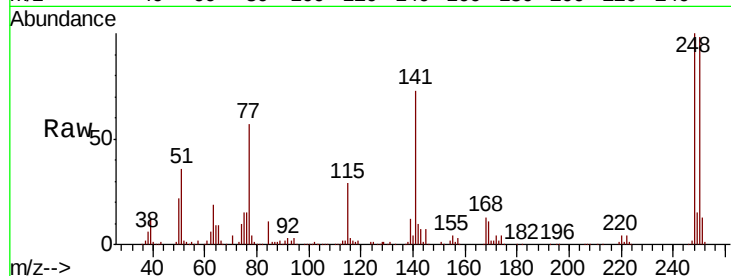




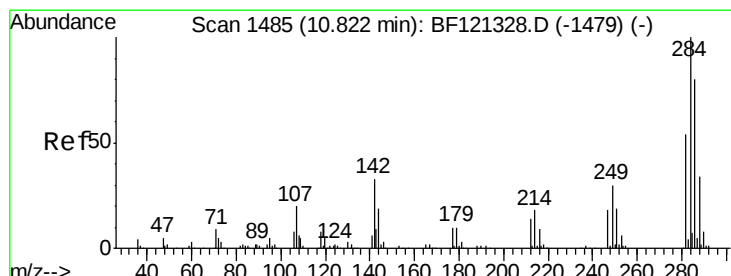
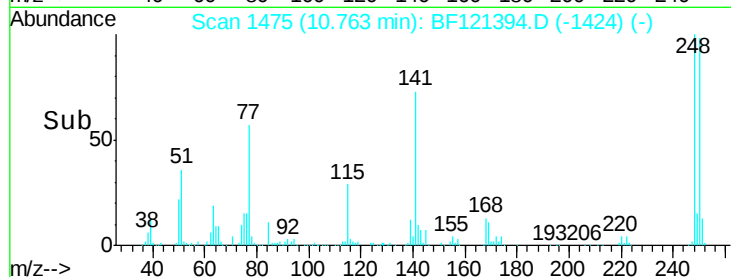
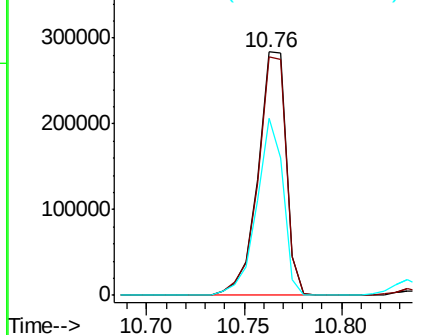
#67
 4-Bromophenyl-phenylether
 Concen: 40.241 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

Tot Ion:248 Resp: 284821
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.0 115.6
 141 72.6 57.4 86.2

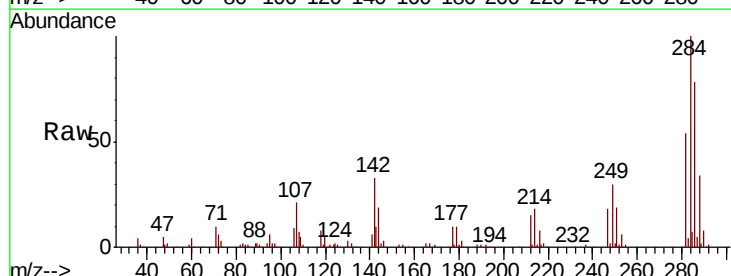


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

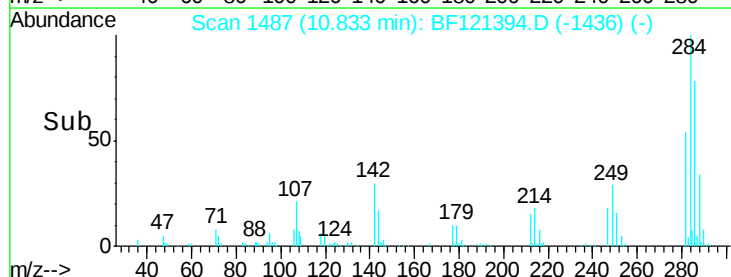
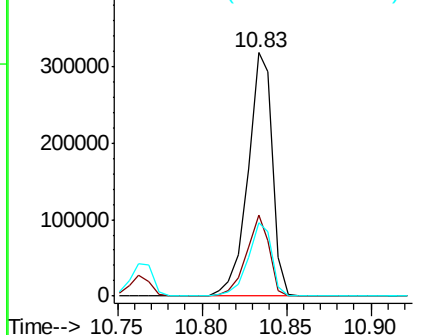


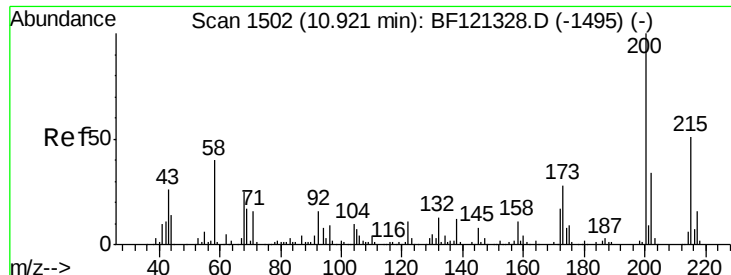
#68
 Hexachlorobenzene
 Concen: 39.547 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion:284 Resp: 322647
 Ion Ratio Lower Upper
 284 100
 142 33.1 26.5 39.7
 249 30.2 23.7 35.5



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

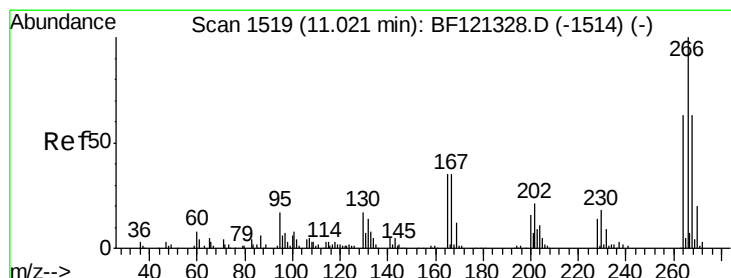
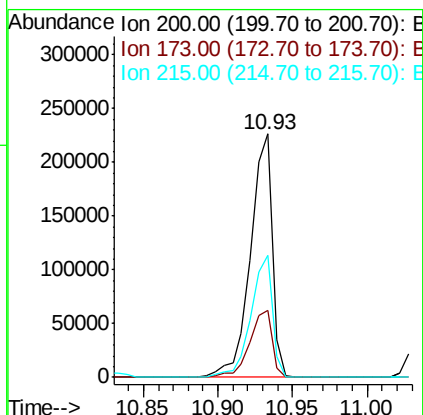
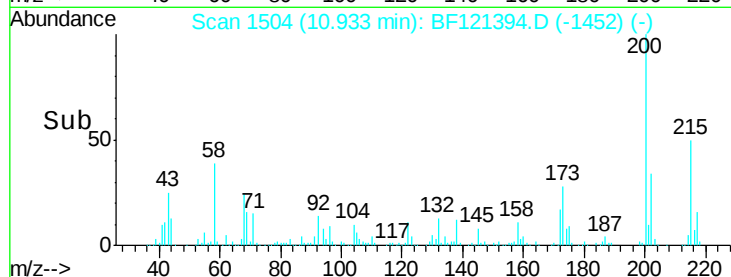
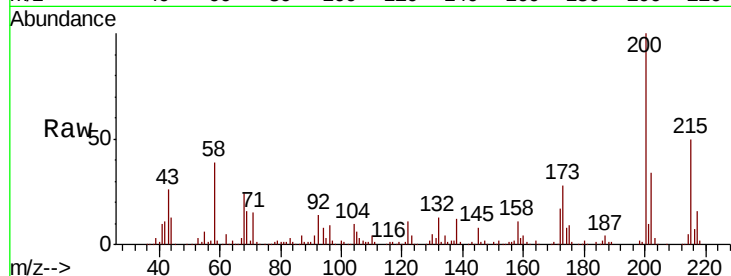




#69
Atrazine
Concen: 37.421 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

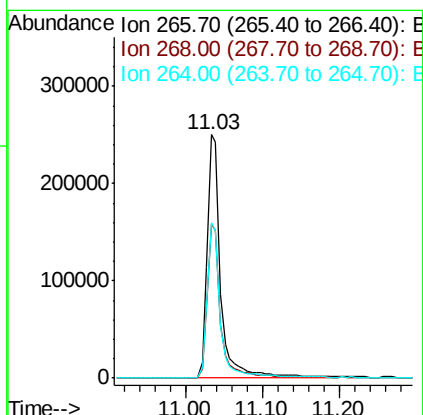
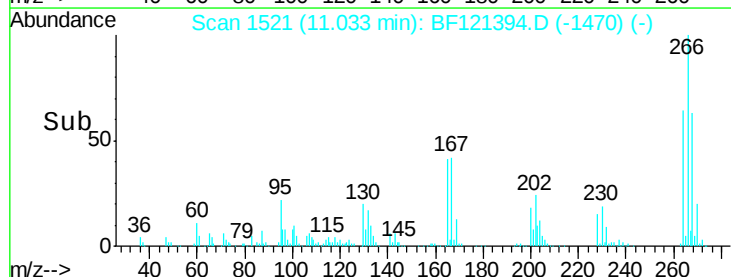
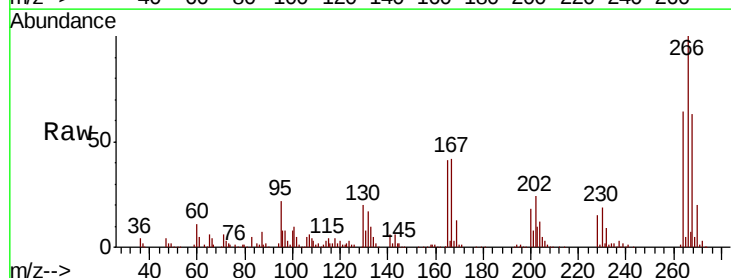
Instrument :
BNA_F
ClientSampleId :
PB131080BS

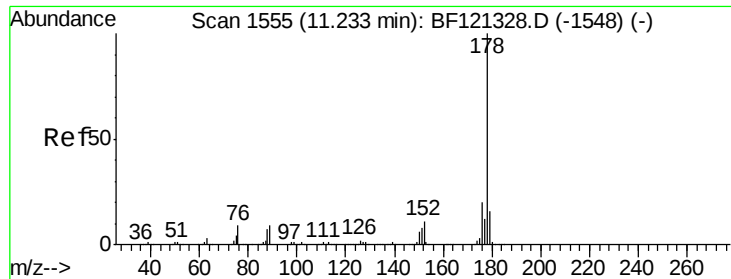
Tot Ion:200 Resp: 228157
Ion Ratio Lower Upper
200 100
173 27.7 8.5 48.5
215 50.1 30.3 70.3



#70
Pentachlorophenol
Concen: 84.631 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion:266 Resp: 307210
Ion Ratio Lower Upper
266 100
268 63.1 50.3 75.5
264 63.6 50.3 75.5

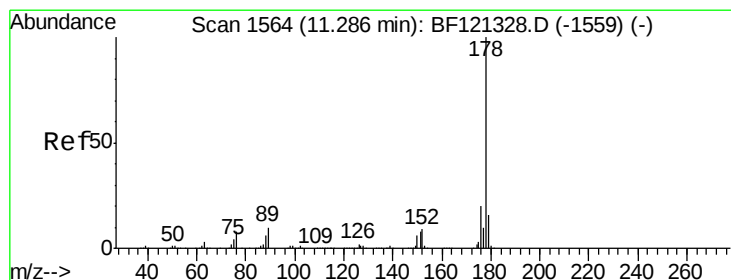
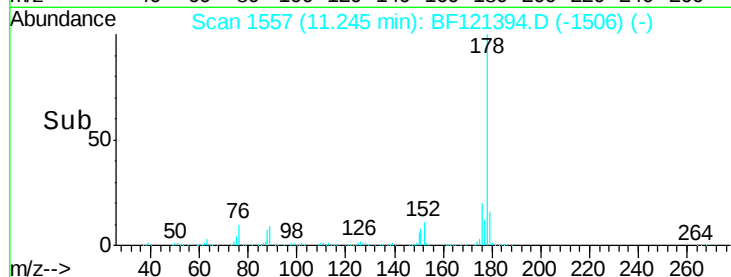
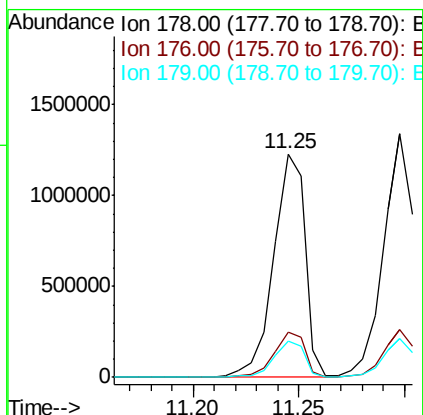
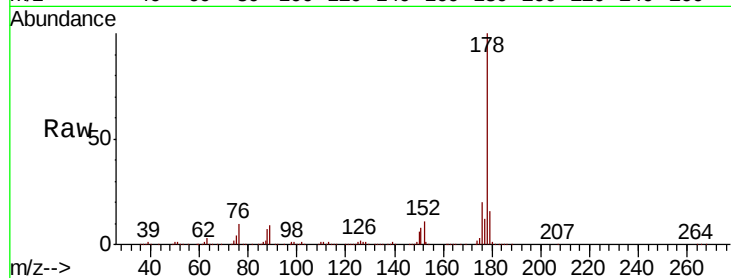




#71
Phenanthrene
Concen: 38.760 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

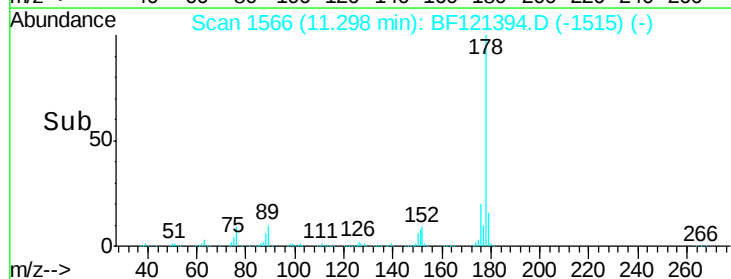
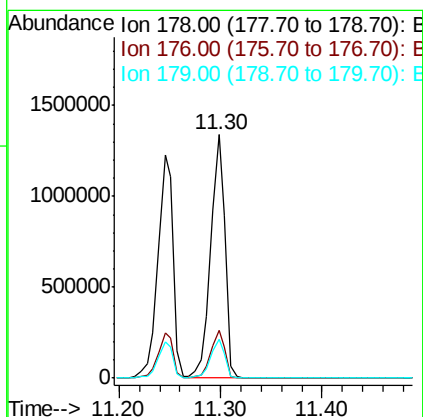
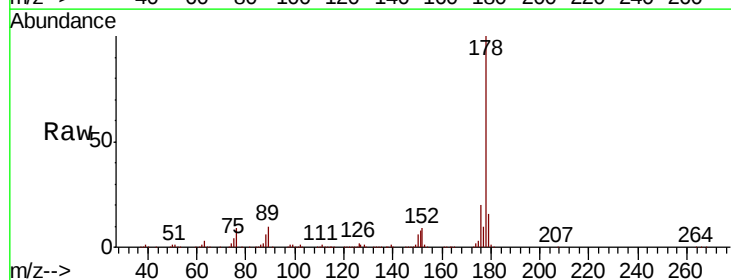
Instrument :
BNA_F
ClientSampleId :
PB131080BS

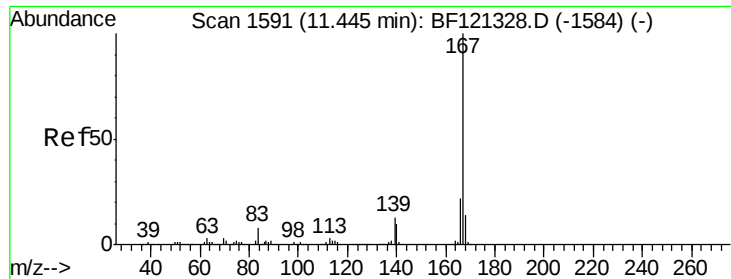
Tot Ion:178 Resp: 1279995
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.3 12.7 19.1



#72
Anthracene
Concen: 41.330 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion:178 Resp: 1314338
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.0 12.6 18.8



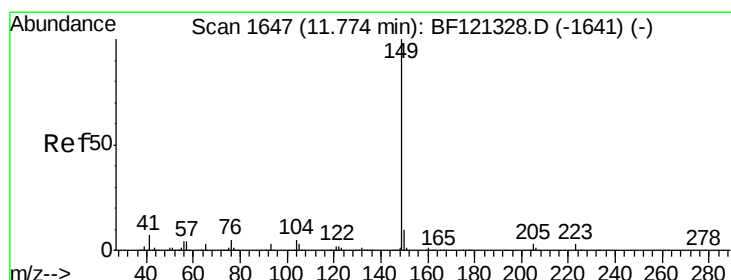
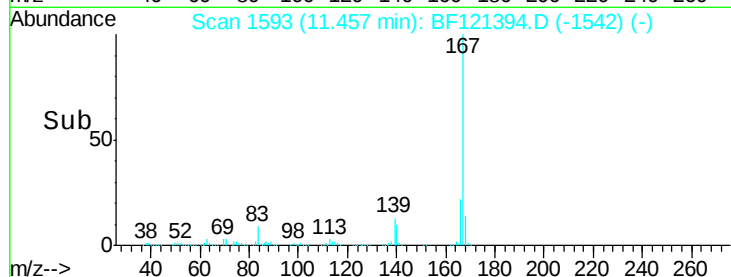
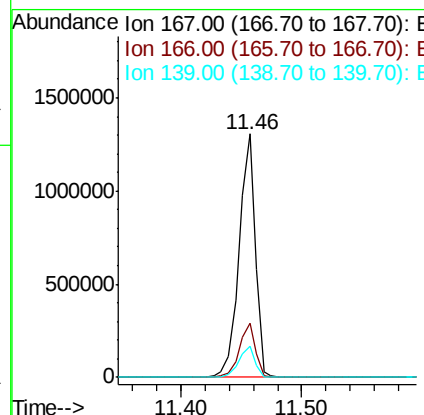
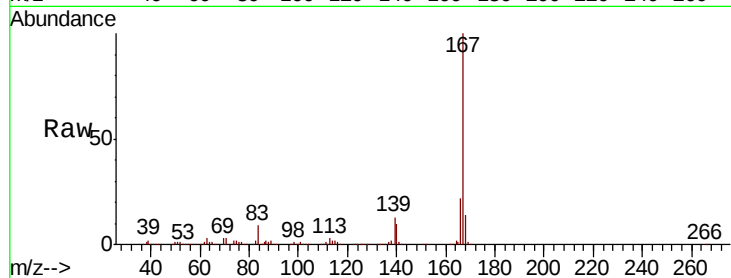


#73
 Carbazole
 Concen: 40.643 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

Tot Ion:167 Resp: 1233517

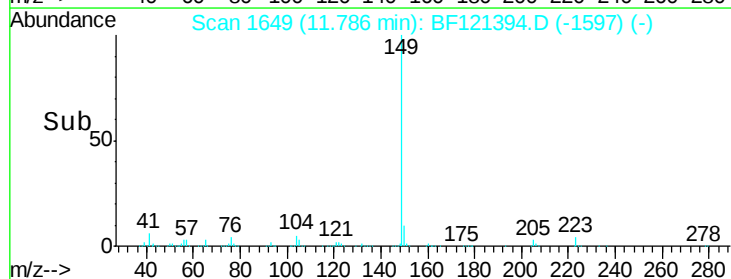
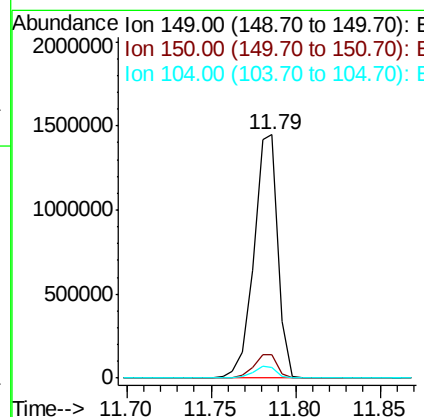
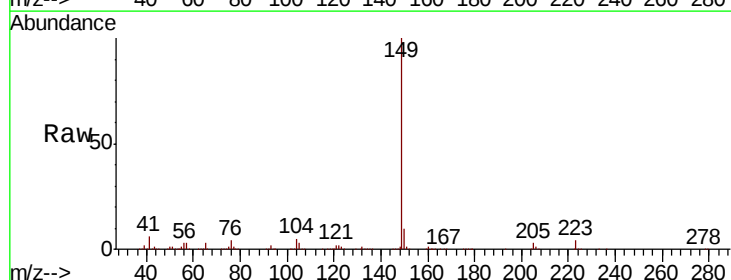
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	13.0	9.8	14.8

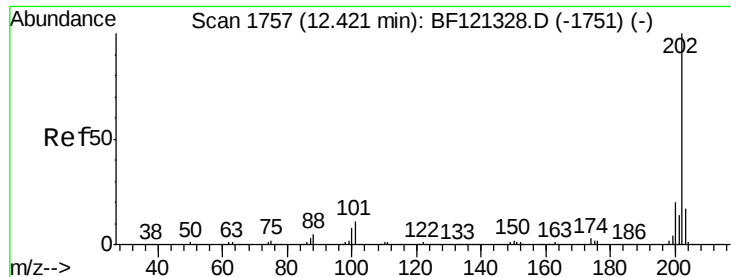


#74
 Di-n-butylphthalate
 Concen: 39.332 ng
 RT: 11.79 min Scan# 1649
 Delta R.T. 0.01 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion:149 Resp: 1439446

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.6	3.9	5.9

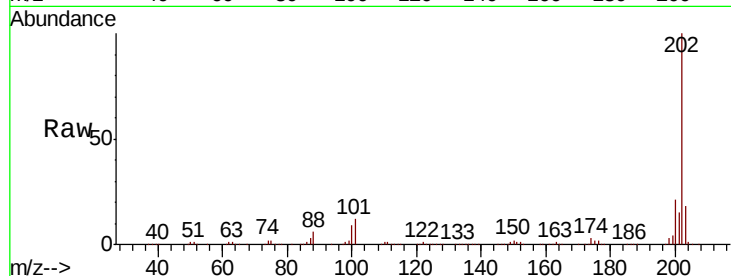




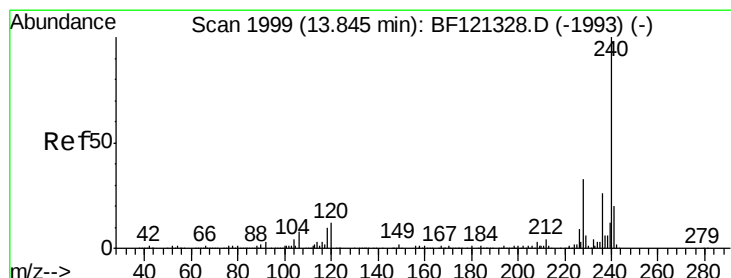
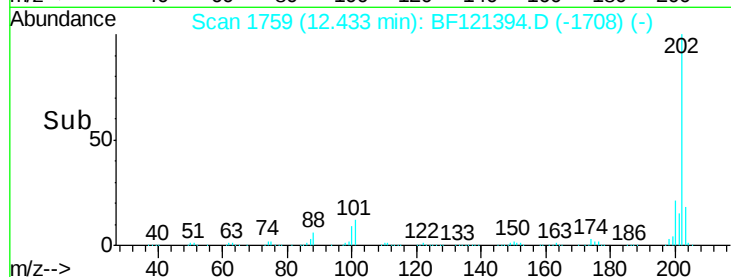
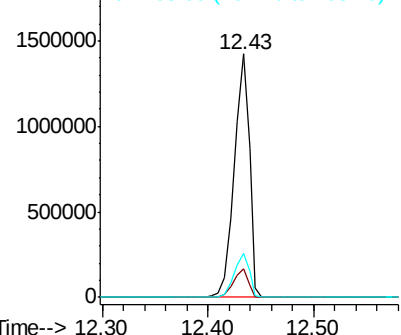
#75
Fluoranthene
Concen: 39.493 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion:202 Resp: 1415572
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.0
203 18.1 0.0 38.0

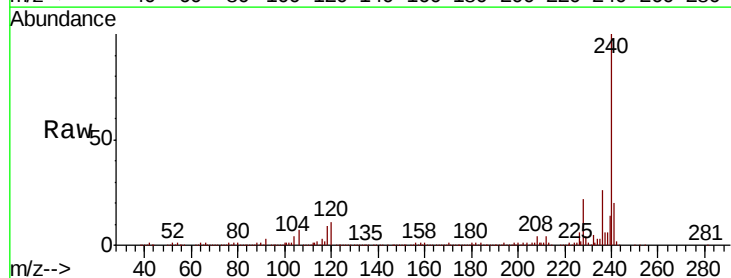


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

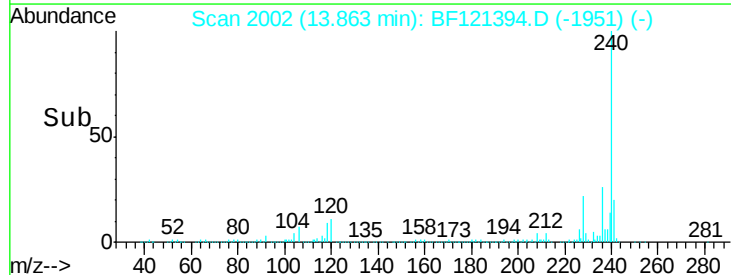
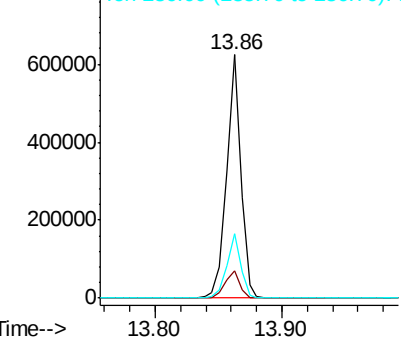


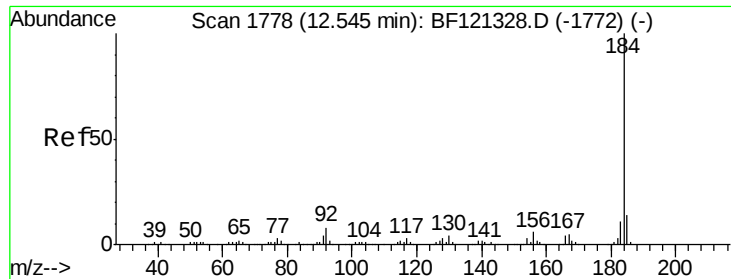
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion:240 Resp: 477297
Ion Ratio Lower Upper
240 100
120 11.0 8.7 13.1
236 26.4 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.805 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

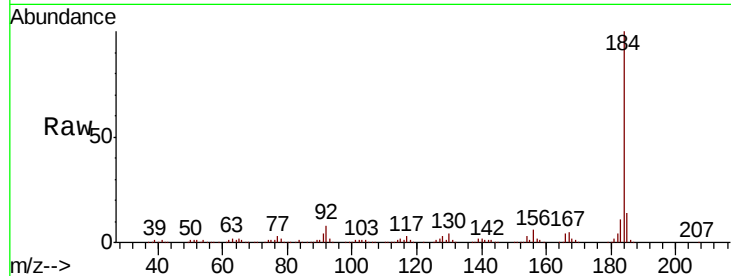
Tot Ion:184 Resp: 641783

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.3	16.9
183	11.2	9.0	13.4

184 100

185 14.4 11.3 16.9

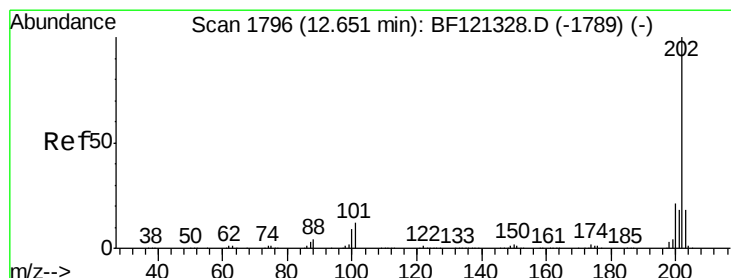
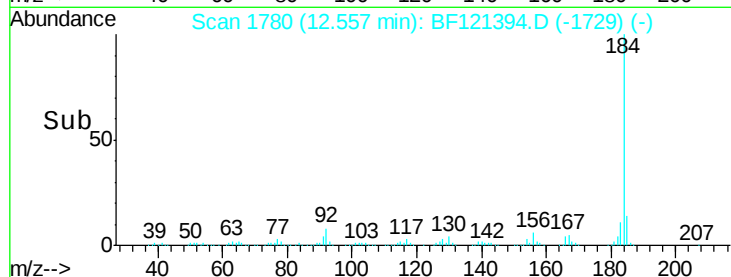
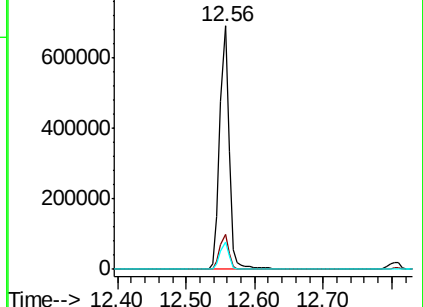
183 11.2 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.694 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

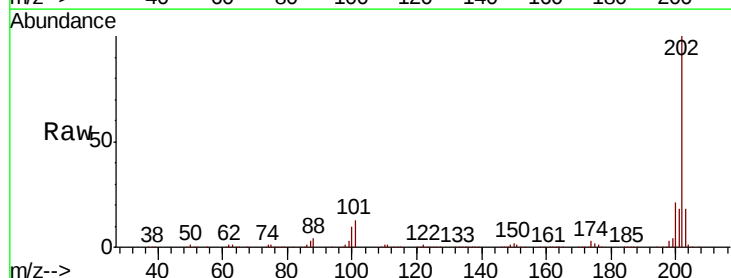
Tgt Ion:202 Resp: 1423160

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	18.0	14.1	21.1

202 100

200 21.3 16.6 25.0

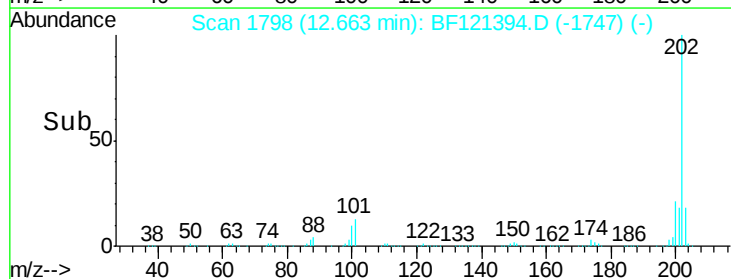
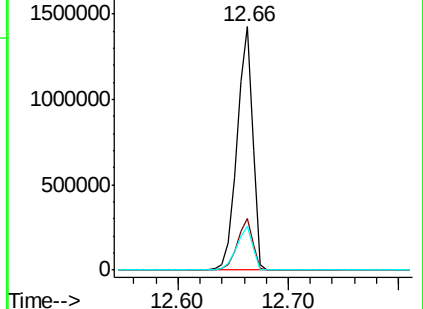
203 18.0 14.1 21.1

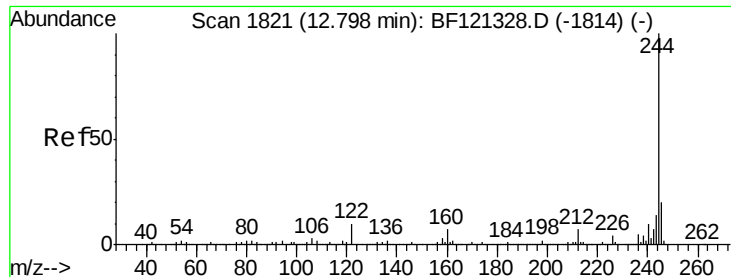


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.911 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

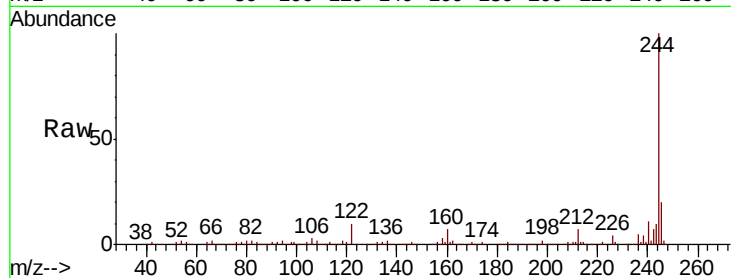
Tot Ion:244 Resp: 1805268

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

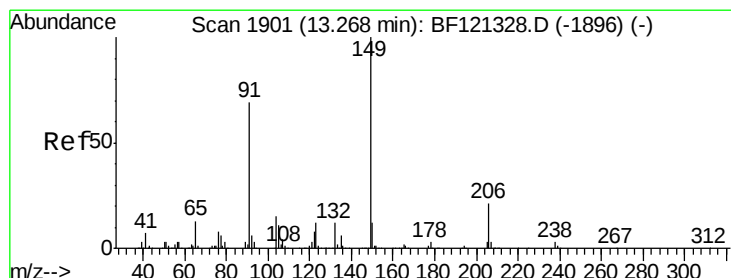
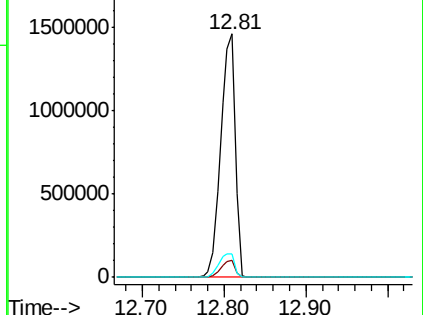
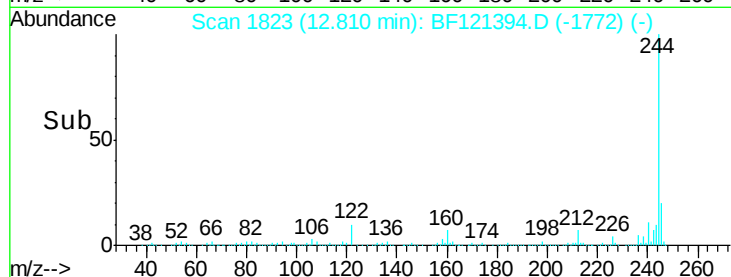
122 9.6 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.753 ng

RT: 13.28 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

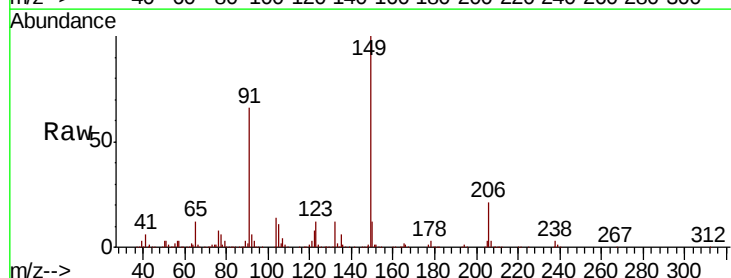
Tgt Ion:149 Resp: 627835

Ion Ratio Lower Upper

149 100

91 66.3 52.2 78.4

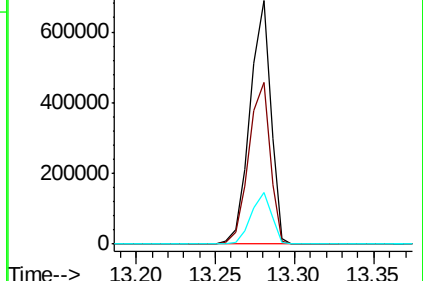
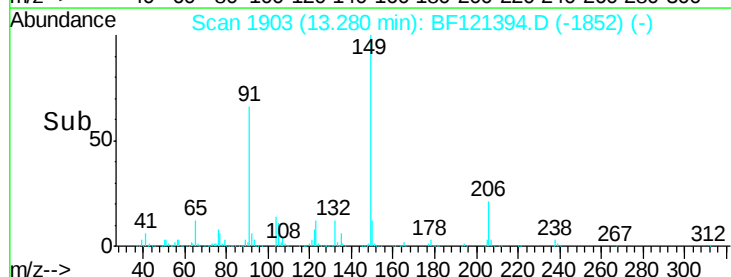
206 21.3 17.8 26.6

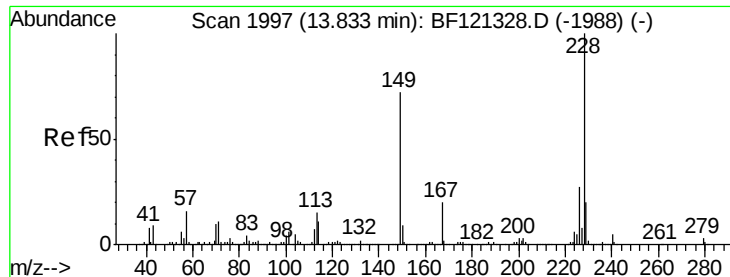


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.633 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

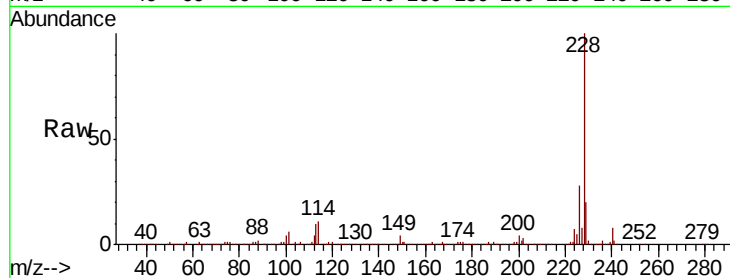
Tot Ion:228 Resp: 1174935

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

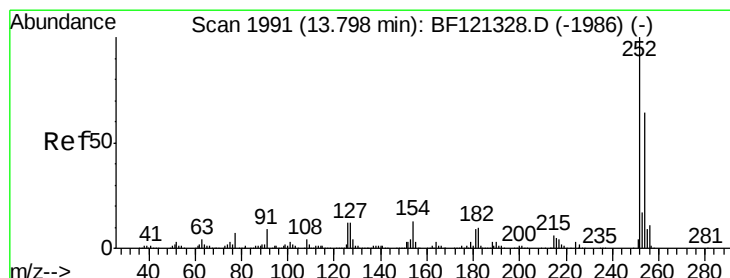
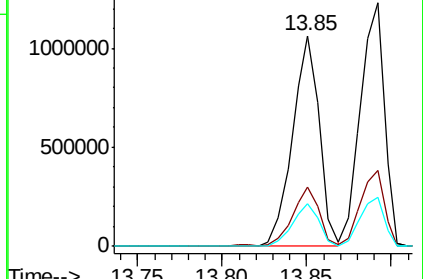
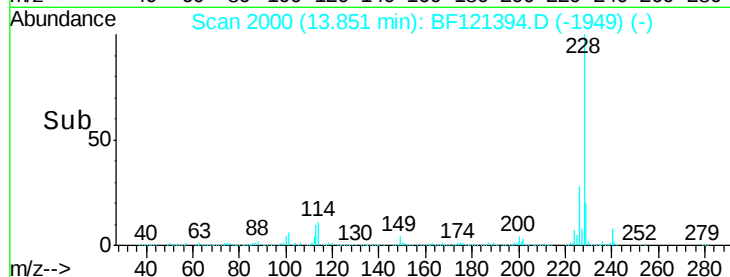
229 20.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.147 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

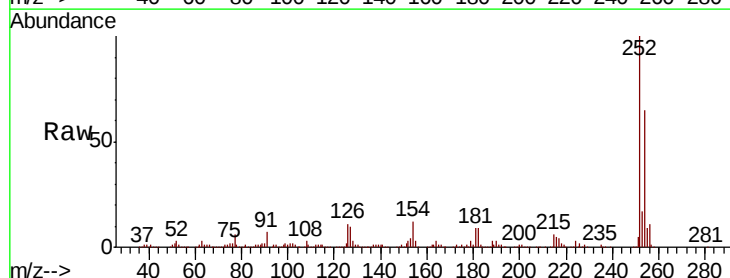
Tgt Ion:252 Resp: 456961

Ion Ratio Lower Upper

252 100

254 64.7 51.5 77.3

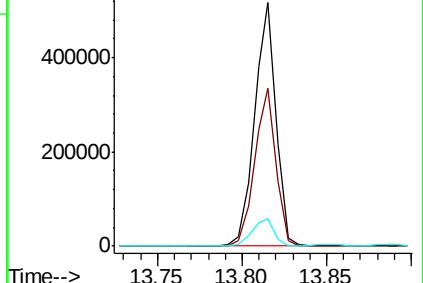
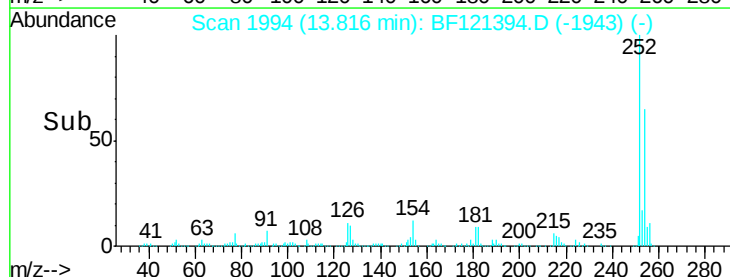
126 11.0 8.2 12.4

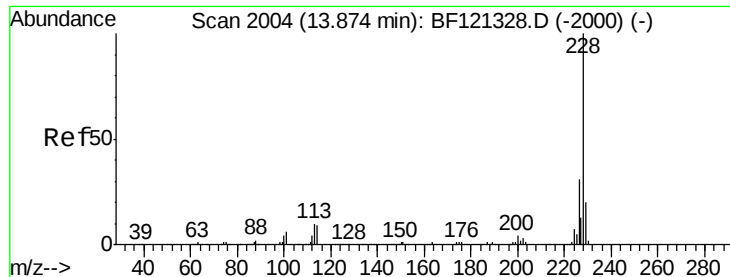


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.103 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

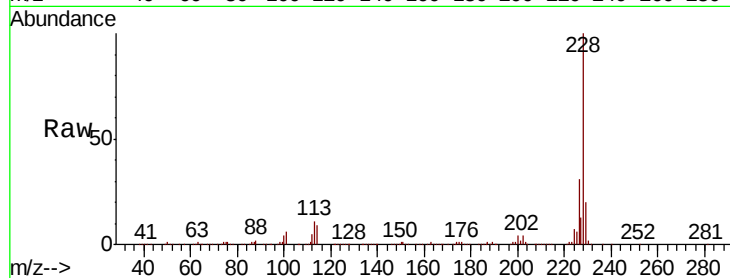
Tot Ion:228 Resp: 1215905

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

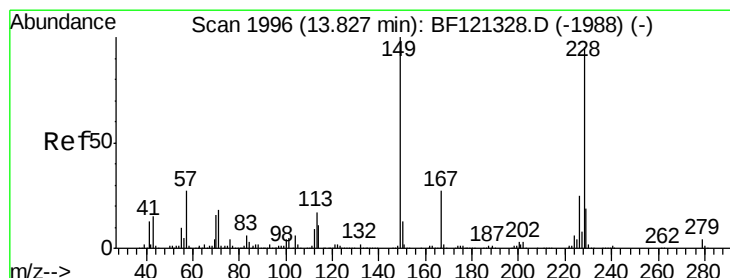
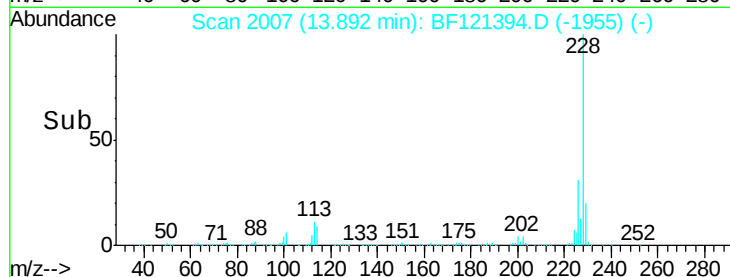
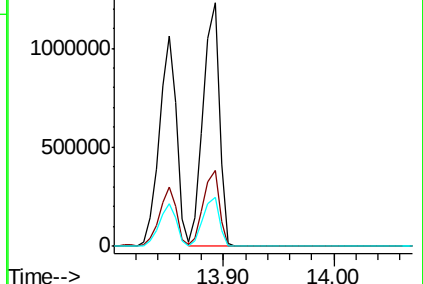
229 20.1 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.277 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

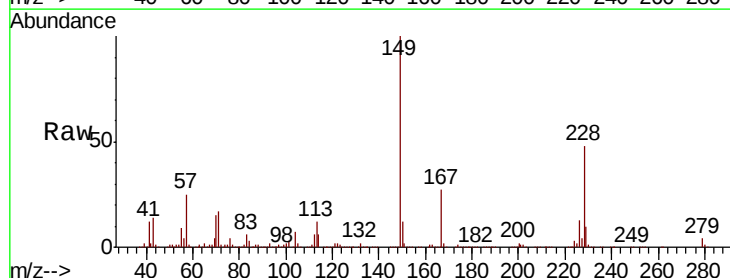
Tgt Ion:149 Resp: 765941

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

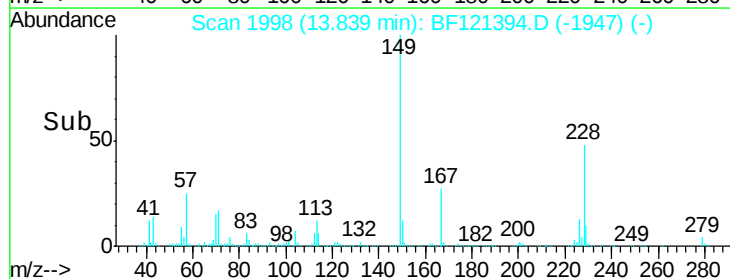
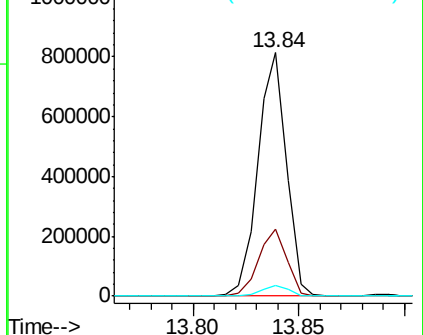
279 4.3 3.6 5.4

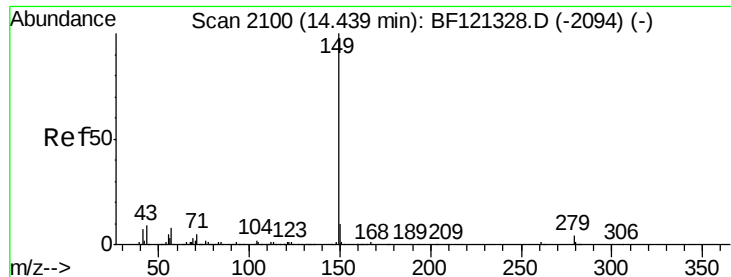


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

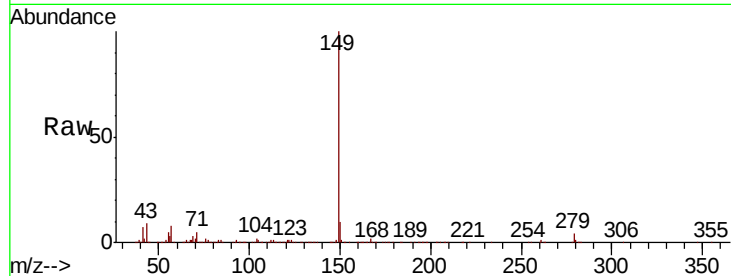




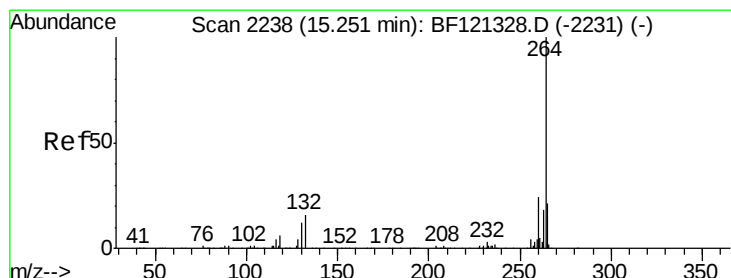
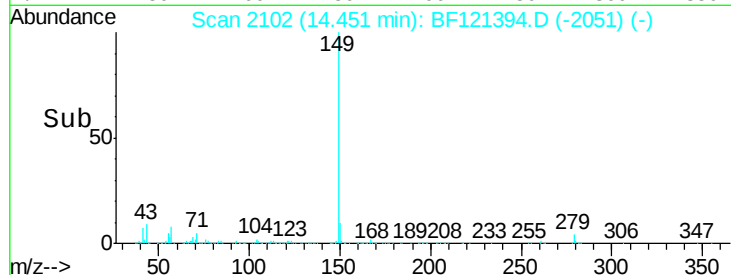
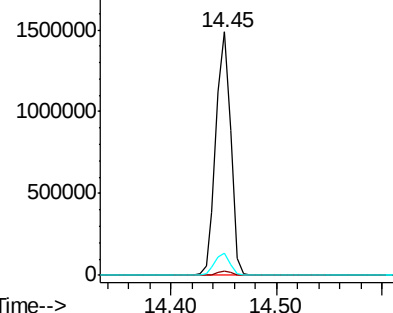
#85
Di-n-octyl phthalate
Concen: 42.929 ng
RT: 14.45 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion:149 Resp: 1439325
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.4 11.0

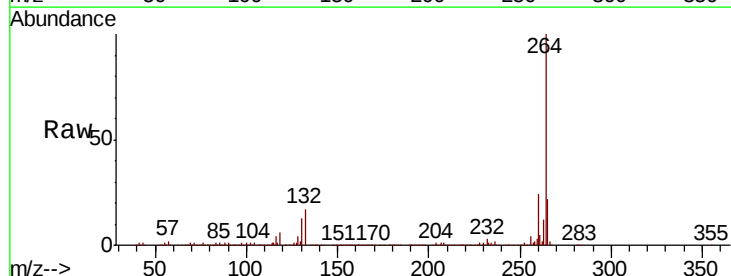


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

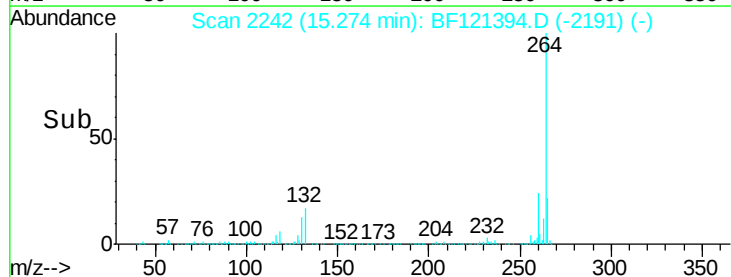
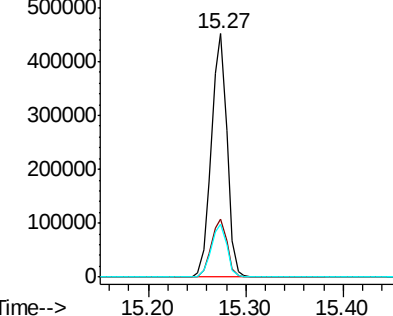


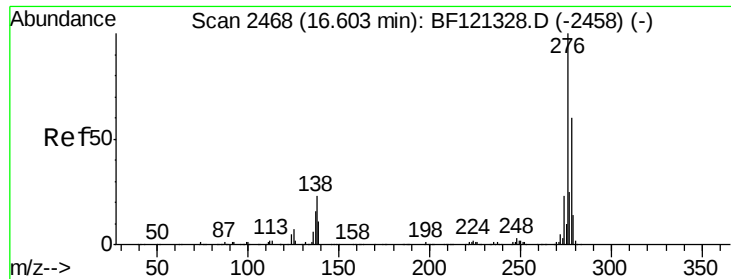
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion:264 Resp: 504230
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
600000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

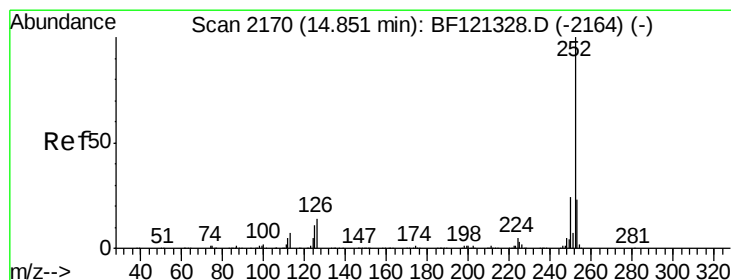
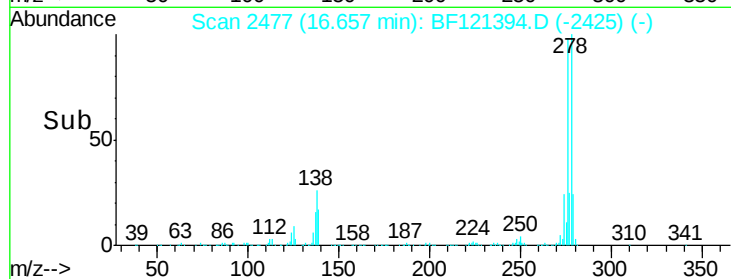
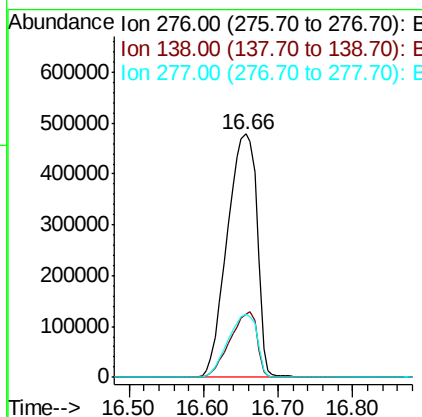
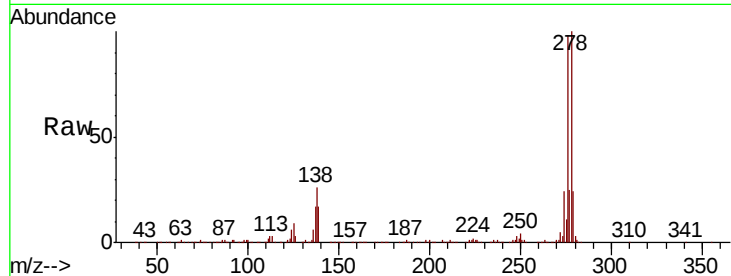




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.236 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. 0.01 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

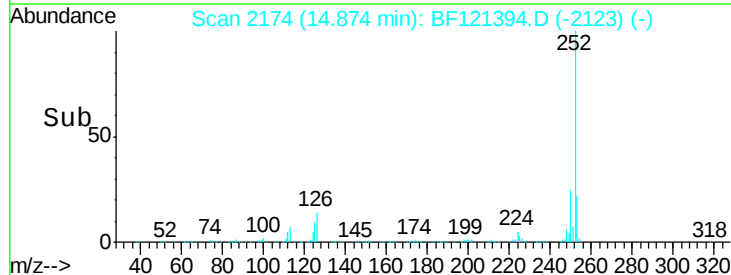
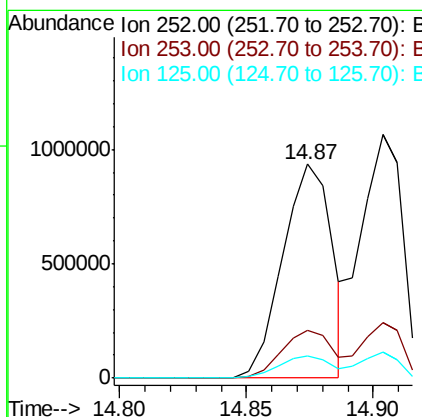
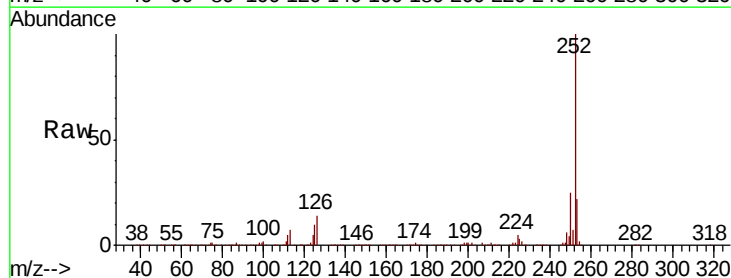
Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

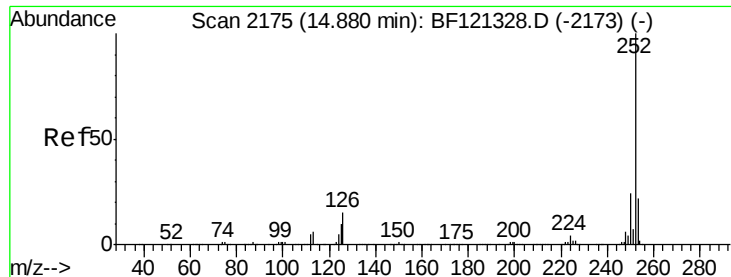
Tot Ion:276 Resp: 1330790
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.4 29.2
 277 25.4 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 38.817 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion:252 Resp: 1264474
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.1 27.1
 125 10.4 8.3 12.5

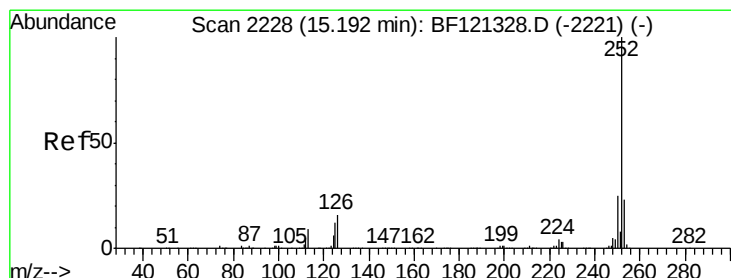
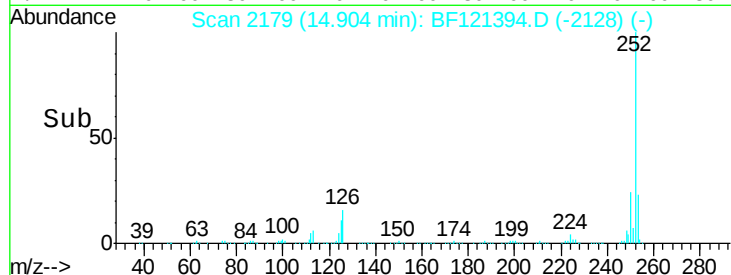
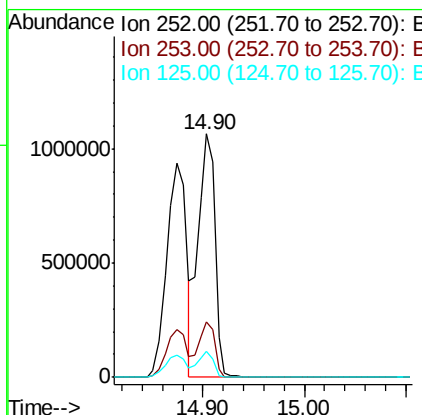
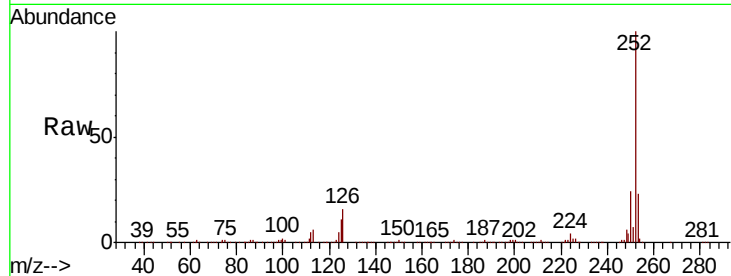




#89
Benzo(k)fluoranthene
Concen: 42.415 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

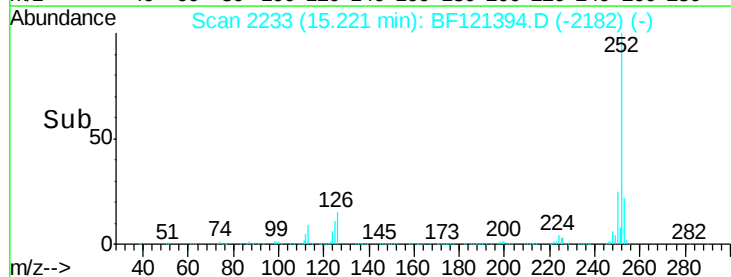
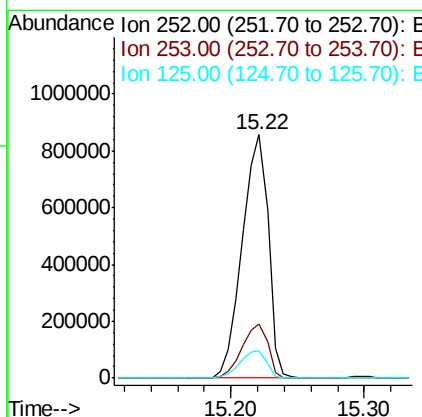
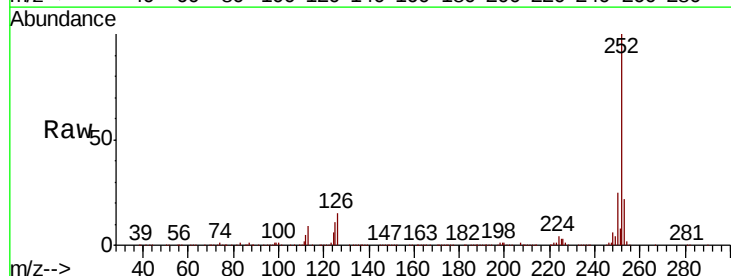
Instrument :
BNA_F
ClientSampleId :
PB131080BS

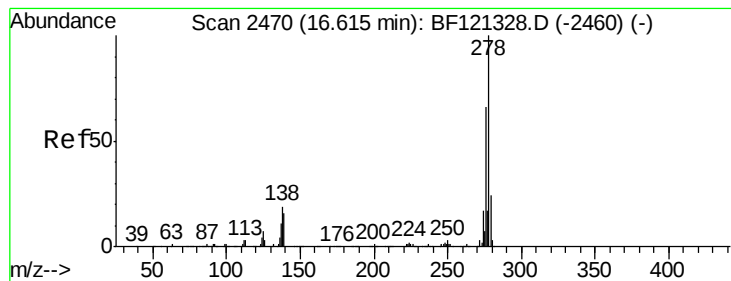
Tot Ion:252 Resp: 1216241
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 40.932 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion:252 Resp: 1152087
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.4 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 42.968 ng

RT: 16.67 min Scan# 2479

Delta R.T. 0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

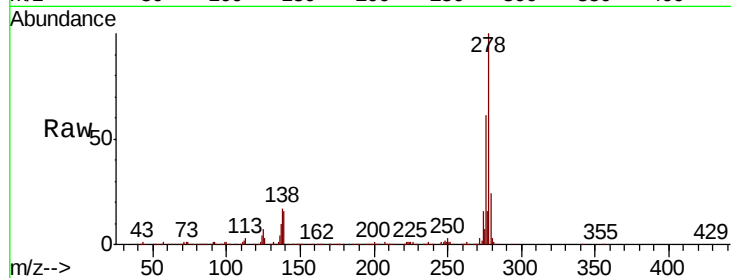
BNA_F

ClientSampleId :

PB131080BS

Tot Ion:278 Resp: 1084369

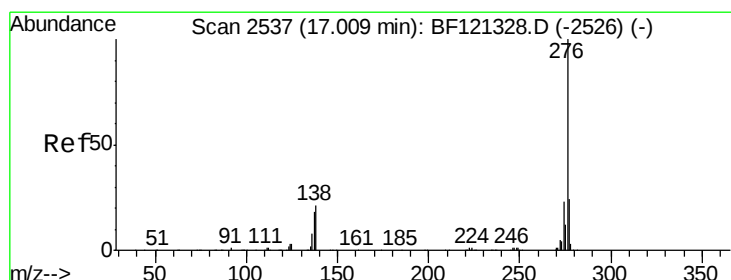
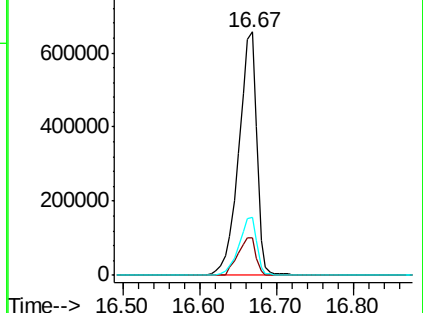
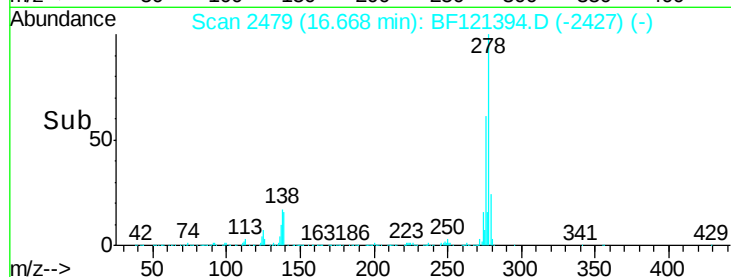
Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.0	19.6
279	24.0	19.3	28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.057 ng

RT: 17.07 min Scan# 2547

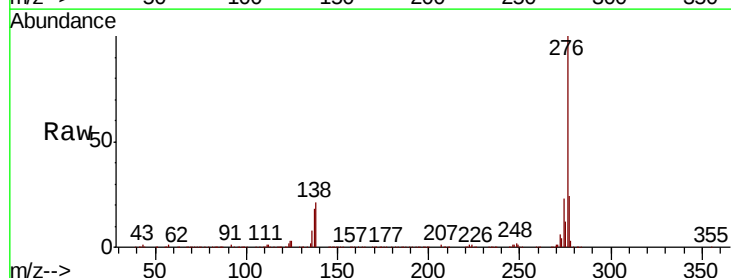
Delta R.T. 0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Tgt Ion:276 Resp: 1111634

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	21.2	17.3	25.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

