

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121399.D
 Acq On : 24 Aug 2020 14:56
 Operator : JU/CG
 Sample : PB131036BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

Quant Time: Aug 24 15:43:42 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	172435	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	675467	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	353208	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	662656	20.00	ng	0.00
76) Chrysene-d12	13.86	240	509595	20.00	ng	0.00
86) Perylene-d12	15.27	264	546613	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	987503	93.90	ng	0.02
7) Phenol-d6	6.35	99	1219579	90.85	ng	0.00
23) Nitrobenzene-d5	7.27	82	1050659	87.97	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	361206	87.76	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1747897	96.79	ng	0.00
79) Terphenyl-d14	12.80	244	1556680	59.69	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	185215	38.922	ng	99
3) Pyridine	3.17	79	410571	32.146	ng	99
4) n-Nitrosodimethylamine	3.13	42	208191	40.049	ng	99
6) Aniline	6.36	93	424214	27.366	ng	# 78
8) 2-Chlorophenol	6.49	128	429618	39.088	ng	99
9) Benzaldehyde	6.25	77	260448	34.486	ng	97
10) Phenol	6.36	94	489562	34.779	ng	91
11) bis(2-Chloroethyl)ether	6.44	93	416975	38.463	ng	100
12) 1,3-Dichlorobenzene	6.64	146	454116	36.878	ng	99
13) 1,4-Dichlorobenzene	6.72	146	457874	36.833	ng	99
14) 1,2-Dichlorobenzene	6.87	146	402938	34.036	ng	98
15) Benzyl Alcohol	6.85	79	290351	35.947	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	565431	35.423	ng	99
17) 2-Methylphenol	6.97	107	353247	38.951	ng	98
18) Hexachloroethane	7.20	117	169915	36.709	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	274288	37.990	ng	99
20) 3+4-Methylphenols	6.97	107	349202	37.553	ng	80
22) Acetophenone	7.11	105	573633	36.325	ng	98
24) Nitrobenzene	7.29	77	437603	35.950	ng	95
25) Isophorone	7.53	82	812072	37.363	ng	100
26) 2-Nitrophenol	7.60	139	243651	39.028	ng	98
27) 2,4-Dimethylphenol	7.65	122	382809	42.973	ng	97
28) bis(2-Chloroethoxy)methane	7.74	93	525239	35.500	ng	99
29) 2,4-Dichlorophenol	7.85	162	361694	37.189	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	396562	35.656	ng	97
31) Naphthalene	8.00	128	1220932	36.318	ng	99
32) Benzoic acid	7.80	122	195531	31.007	ng	98
33) 4-Chloroaniline	8.06	127	354850	23.837	ng	99
34) Hexachlorobutadiene	8.12	225	228534	34.721	ng	97
35) Caprolactam	8.44	113	66373	20.837	ng	96
36) 4-Chloro-3-methylphenol	8.56	107	374330	38.055	ng	96
37) 2-Methylnaphthalene	8.70	142	815339	37.419	ng	100
38) 1-Methylnaphthalene	8.79	142	767743	37.057	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	380020	36.250	ng	99

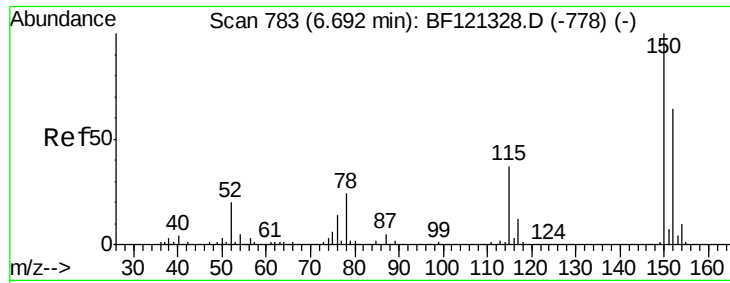
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	313604	75.879	nq	99
43) 2,4,6-Trichlorophenol	8.98	196	255158	35.603	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	271233	36.785	nq	98
46) 1,1'-Biphenyl	9.16	154	979730	37.008	nq	99
47) 2-Chloronaphthalene	9.19	162	753050	34.527	nq	99
48) 2-Nitroaniline	9.29	65	237682	34.612	nq	99
49) Acenaphthylene	9.60	152	1181122	36.460	nq	100
50) Dimethylphthalate	9.46	163	899264	34.995	nq	99
51) 2,6-Dinitrotoluene	9.53	165	201807	36.773	nq	# 87
52) Acenaphthene	9.77	154	690956	35.103	nq	99
53) 3-Nitroaniline	9.70	138	153217	22.318	nq	96
54) 2,4-Dinitrophenol	9.82	184	194003	73.326	nq	99
55) Dibenzofuran	9.95	168	1004962	39.319	nq	99
56) 4-Nitrophenol	9.88	139	265104	62.614	nq	99
57) 2,4-Dinitrotoluene	9.94	165	236546	35.331	nq	97
58) Fluorene	10.29	166	765868	40.879	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	223095	35.394	nq	96
60) Diethylphthalate	10.16	149	871313	34.724	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	379882	40.150	nq	99
62) 4-Nitroaniline	10.32	138	221778	31.528	nq	99
63) Azobenzene	10.44	77	817845	35.091	nq	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	142922	40.330	nq	98
66) n-Nitrosodiphenylamine	10.40	169	739749	36.191	nq	100
67) 4-Bromophenyl-phenylether	10.76	248	255794	34.799	nq	99
68) Hexachlorobenzene	10.83	284	290076	34.236	nq	98
69) Atrazine	10.93	200	213728	33.754	nq	98
70) Pentachlorophenol	11.03	266	283665	75.245	nq	100
71) Phenanthrene	11.25	178	1144383	33.368	nq	100
72) Anthracene	11.30	178	1204335	36.466	nq	100
73) Carbazole	11.46	167	1124684	35.683	nq	99
74) Di-n-butylphthalate	11.78	149	1319408	34.715	nq	99
75) Fluoranthene	12.43	202	1268001	34.063	nq	100
77) Benzidine	12.56	184	738743	52.618	nq	99
78) Pyrene	12.66	202	1305992	34.117	nq	100
80) Butylbenzylphthalate	13.28	149	565708	34.393	nq	100
81) Benzo(a)anthracene	13.85	228	1081947	34.183	nq	100
82) 3,3'-Dichlorobenzidine	13.81	252	334441	27.520	nq	99
83) Chrysene	13.89	228	1089919	33.669	nq	100
84) Bis(2-ethylhexyl)phthalate	13.84	149	696783	36.022	nq	100
85) Di-n-octyl phthalate	14.45	149	1294218	36.154	nq	100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1239847	37.158	nq	100
88) Benzo(b)fluoranthene	14.87	252	1155372	32.718	nq	100
89) Benzo(k)fluoranthene	14.90	252	1086681	34.958	nq	100
90) Benzo(a)pyrene	15.22	252	1043927	34.213	nq	98
91) Dibenzo(a,h)anthracene	16.66	278	1016787	37.167	nq	99
92) Benzo(g,h,i)perylene	17.06	276	1050973	39.296	nq	99

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

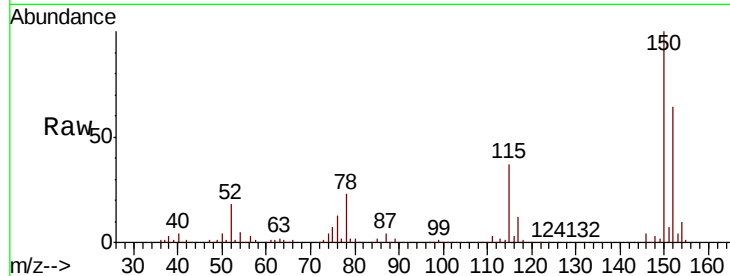


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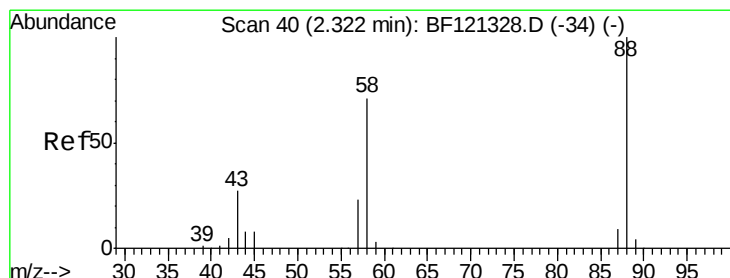
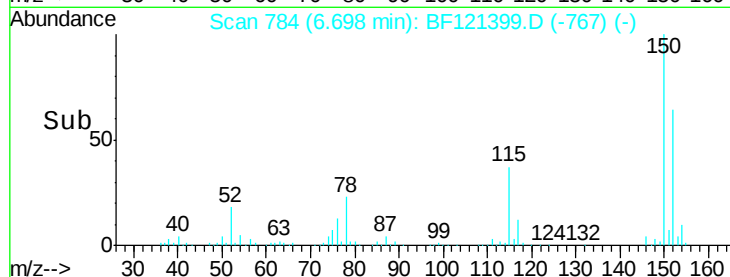
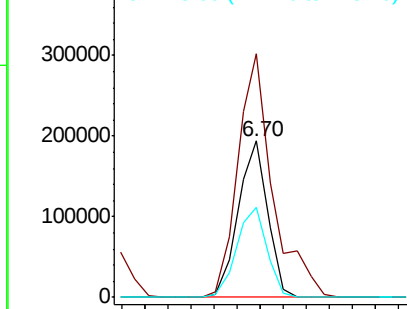
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion:152 Resp: 172435
Ion Ratio Lower Upper
152 100
150 155.6 125.4 188.0
115 57.8 47.0 70.6



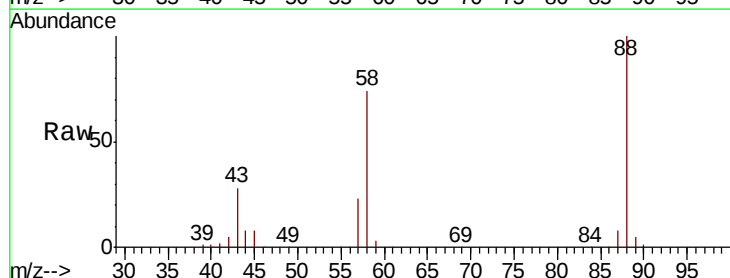
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



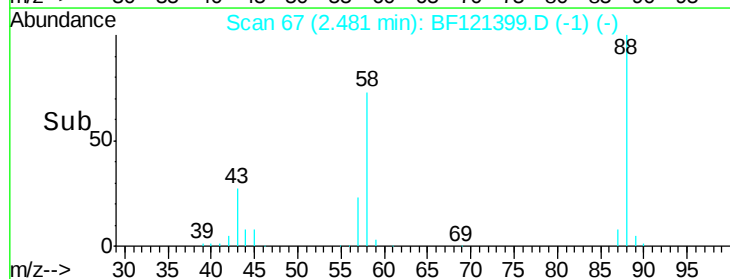
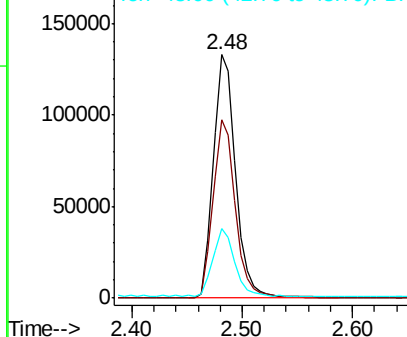
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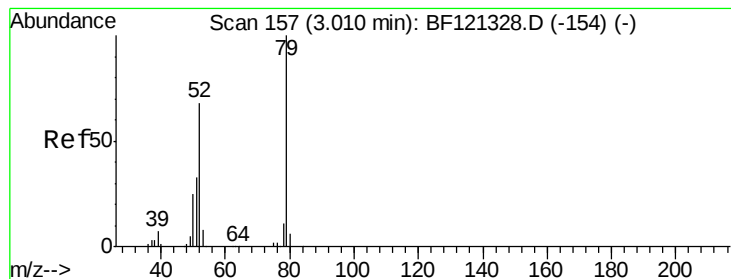
1,4-Dioxane
Concen: 38.922 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.15 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion: 88 Resp: 185215
Ion Ratio Lower Upper
88 100
58 73.8 58.6 88.0
43 26.8 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: 32.146 ng

RT: 3.17 min Scan# 185

Delta R.T. 0.15 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

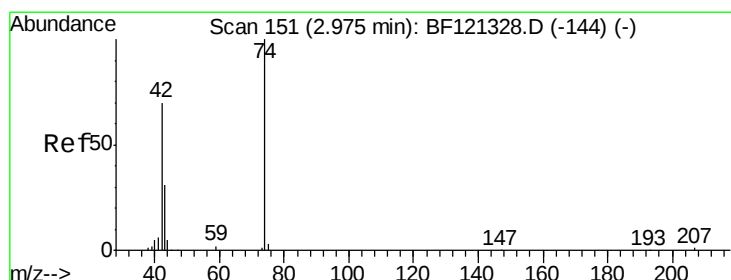
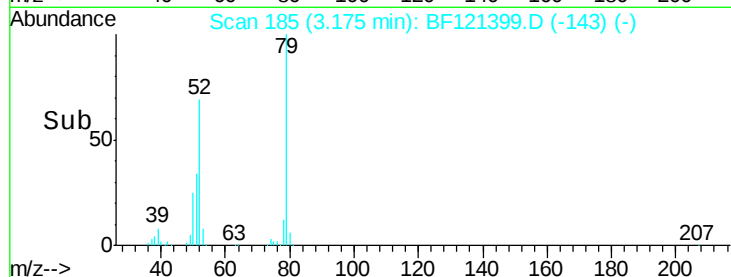
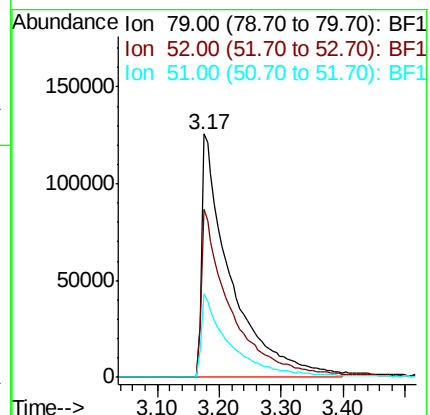
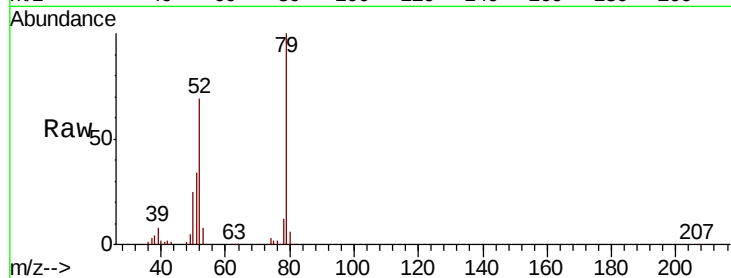
Tot Ion: 79 Resp: 410571

Ion Ratio Lower Upper

79 100

52 69.0 55.8 83.8

51 34.3 27.1 40.7



#4

n-Nitrosodimethylamine

Concen: 40.049 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.14 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

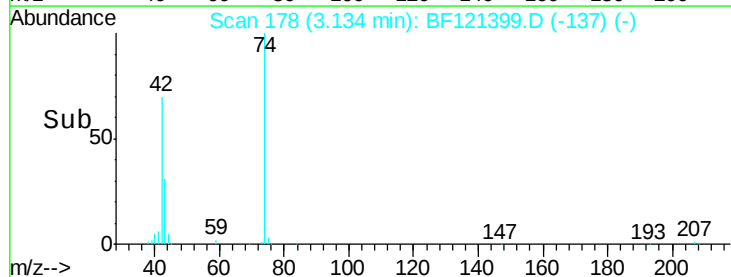
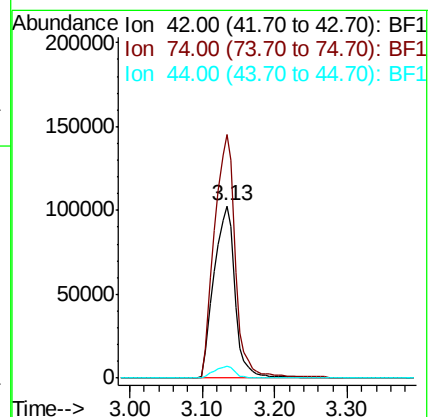
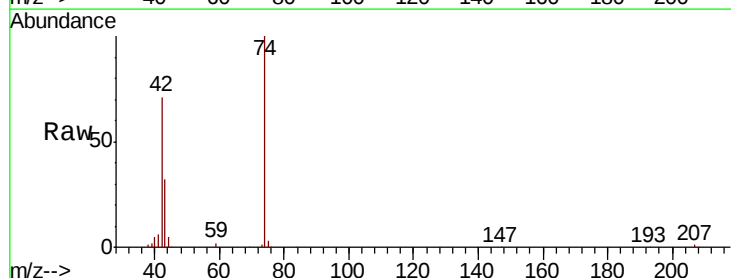
Tgt Ion: 42 Resp: 208191

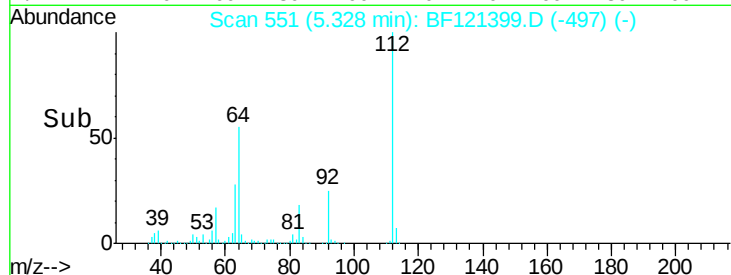
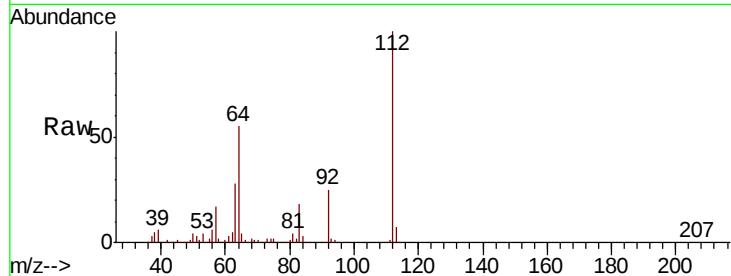
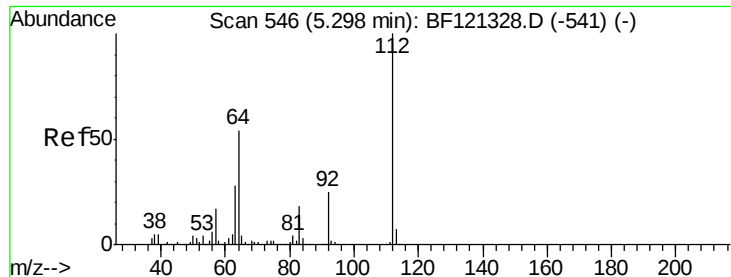
Ion Ratio Lower Upper

42 100

74 141.6 114.6 171.8

44 6.6 5.6 8.4





#5

2-Fluorophenol

Concen: 93.905 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.02 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

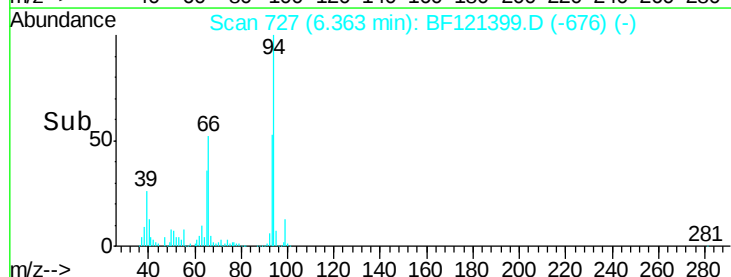
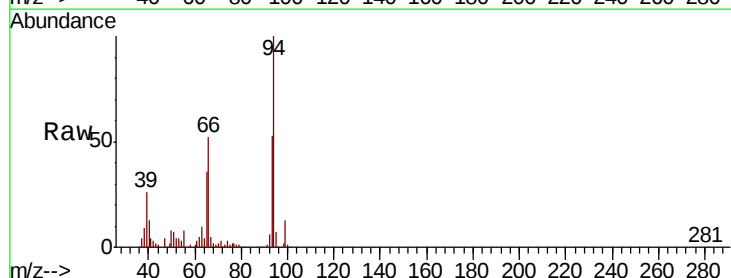
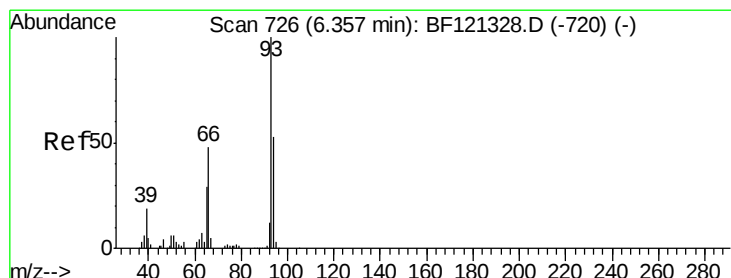
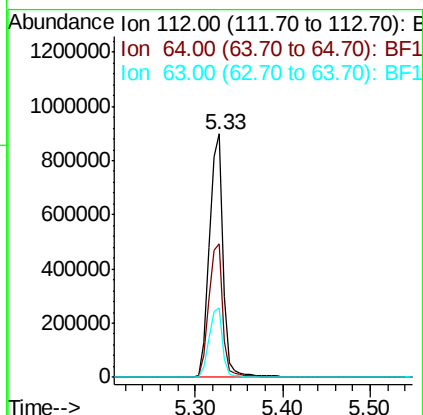
Tot Ion:112 Resp: 987503

Ion Ratio Lower Upper

112 100

64 55.0 42.2 63.4

63 28.5 21.4 32.2



#6

Aniline

Concen: 27.366 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

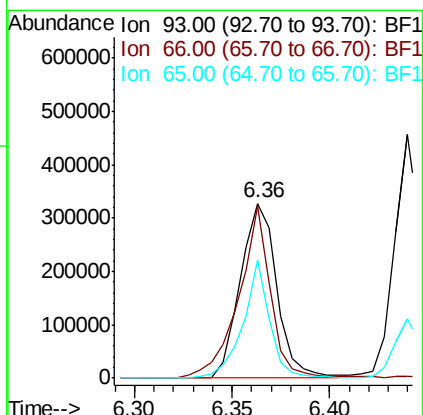
Tgt Ion: 93 Resp: 424214

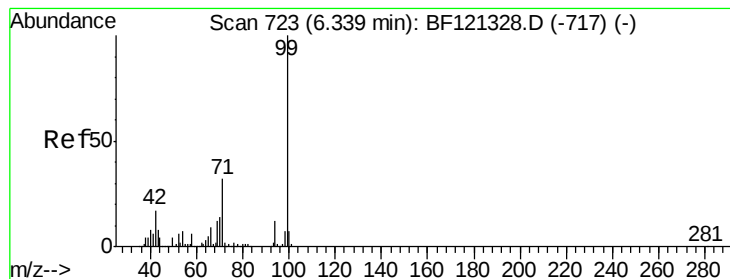
Ion Ratio Lower Upper

93 100

66 98.3 63.2 94.8#

65 67.9 42.1 63.1#





#7

Phenol-d6

Concen: 90.846 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

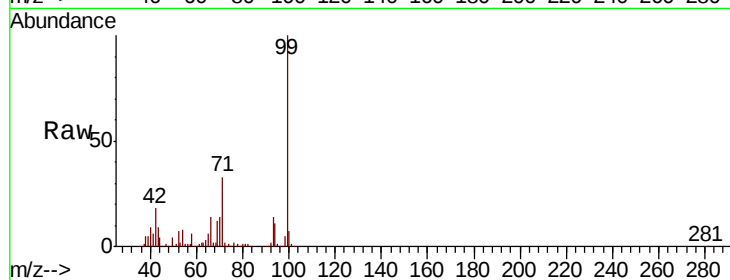
Tot Ion: 99 Resp: 1219579

Ion Ratio Lower Upper

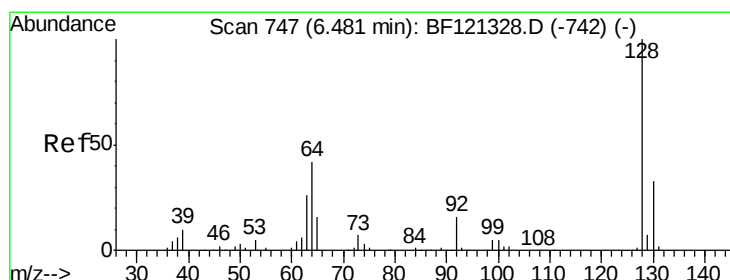
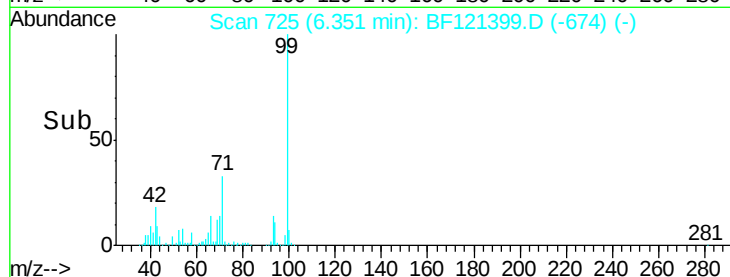
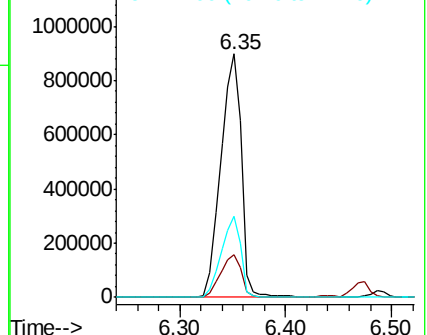
99 100

42 17.7 13.9 20.9

71 33.3 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.088 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

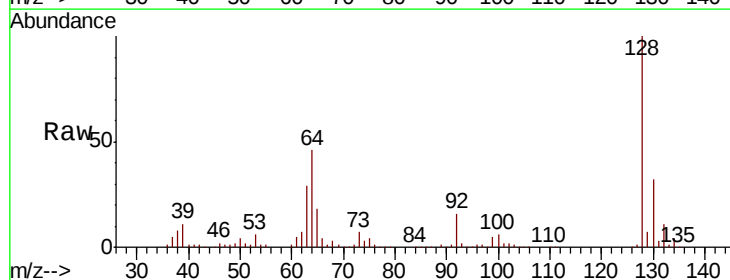
Tgt Ion: 128 Resp: 429618

Ion Ratio Lower Upper

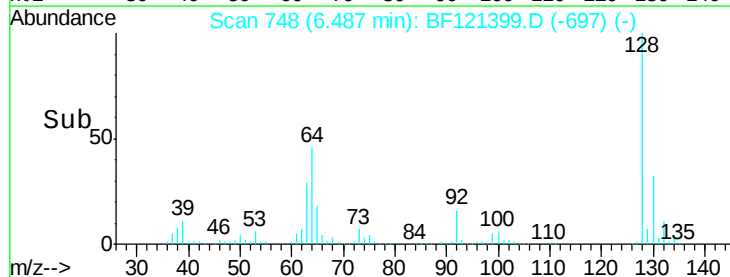
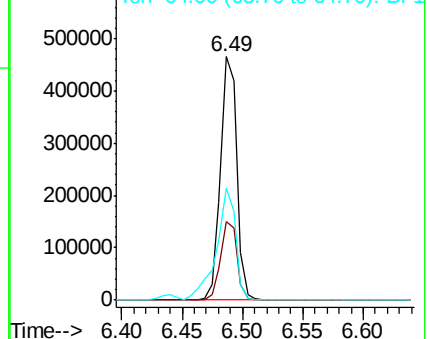
128 100

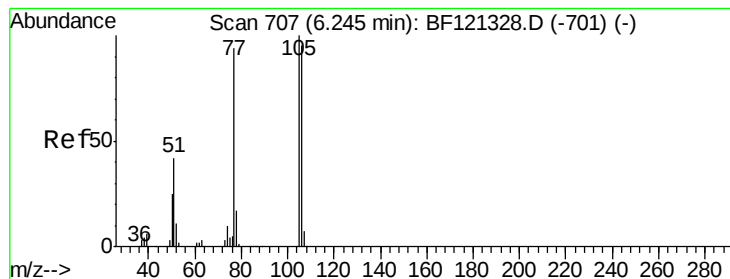
130 32.5 11.8 51.8

64 46.0 26.3 66.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.486 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

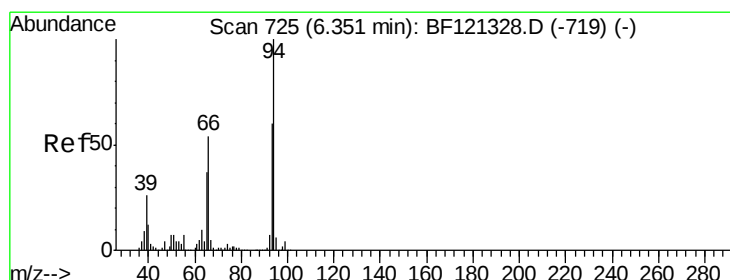
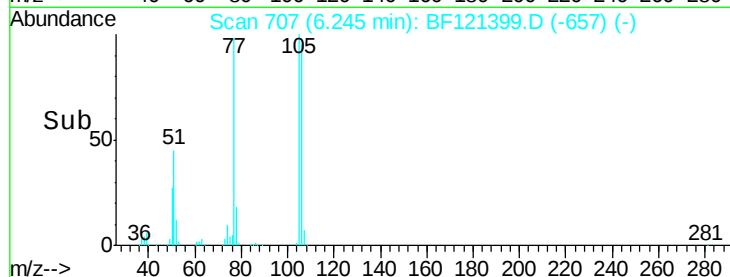
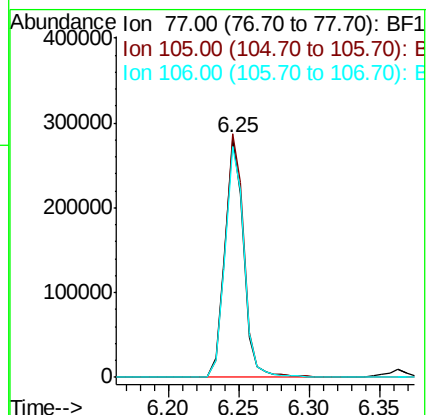
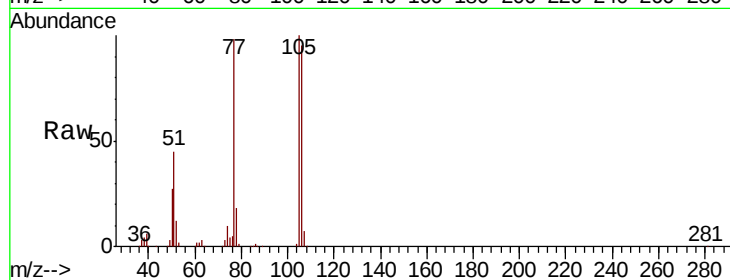
Tot Ion: 77 Resp: 260448

Ion Ratio Lower Upper

77 100

105 101.9 84.3 124.3

106 96.9 81.3 121.3



#10

Phenol

Concen: 34.779 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

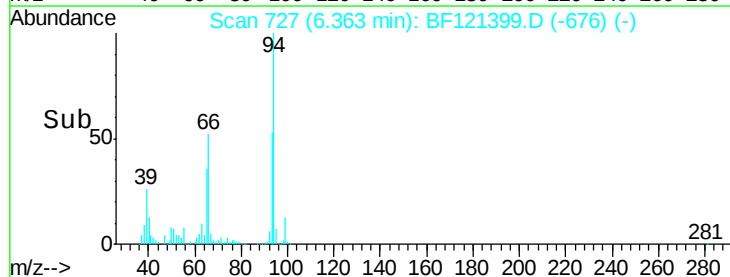
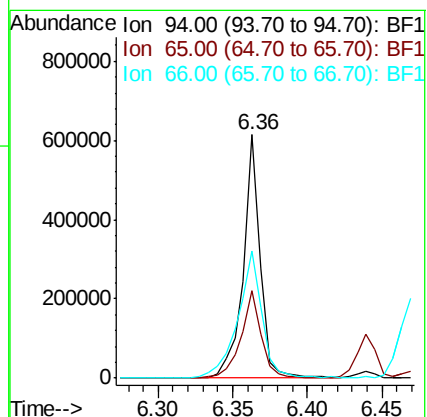
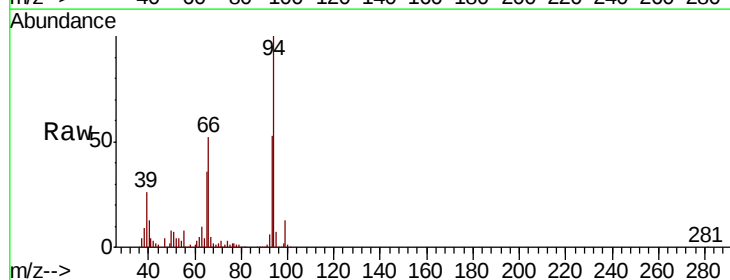
Tgt Ion: 94 Resp: 489562

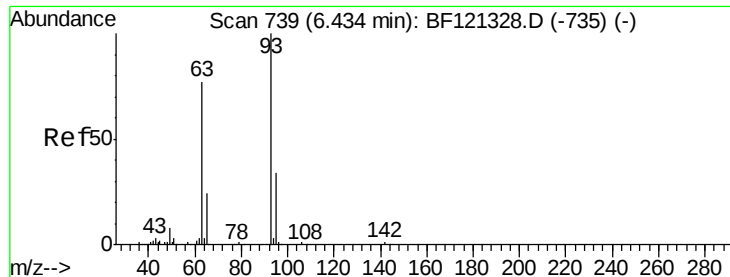
Ion Ratio Lower Upper

94 100

65 36.2 20.4 60.4

66 52.4 40.6 80.6

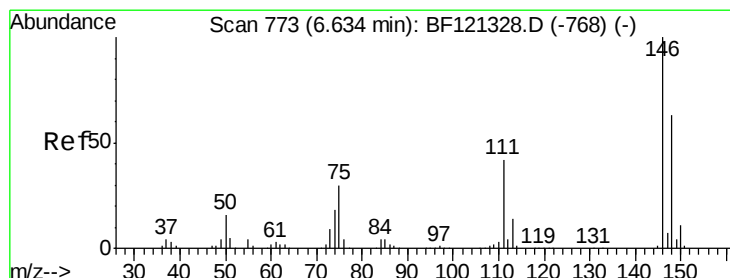
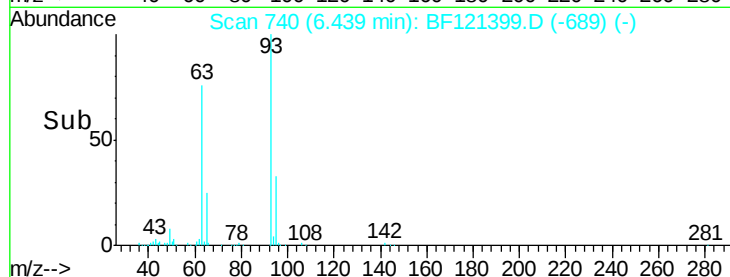
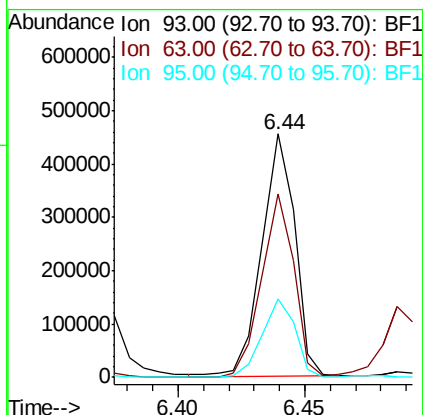
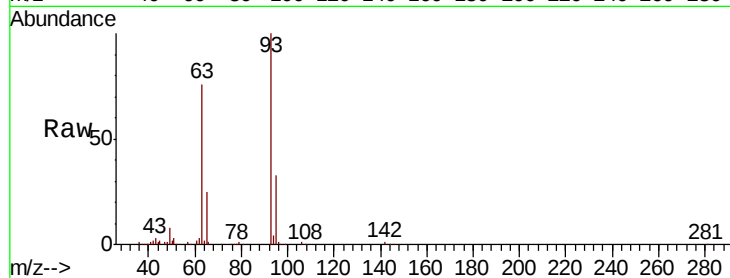




#11
bis(2-Chloroethyl)ether
Concen: 38.463 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

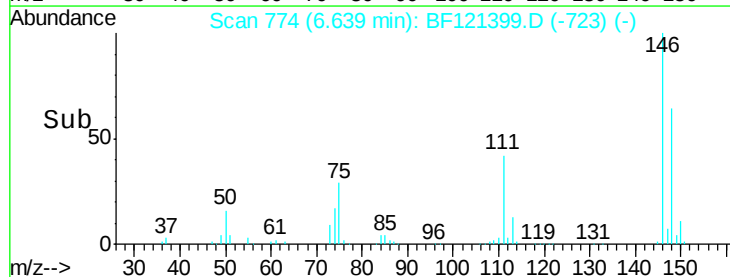
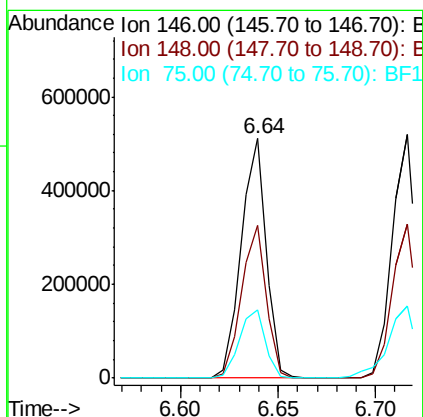
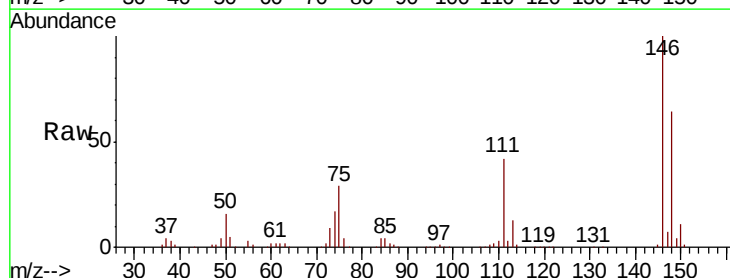
Instrument :
BNA_F
ClientSampleId :
PB131036BS

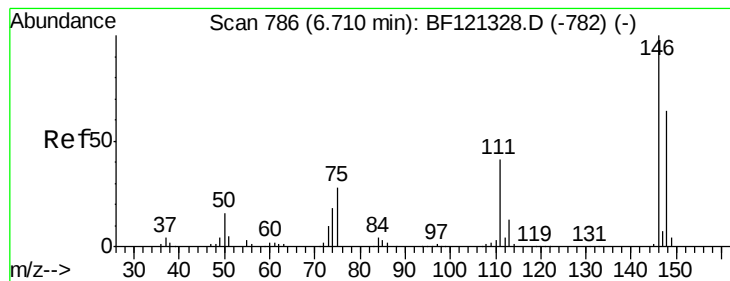
Tot Ion: 93 Resp: 416975
Ion Ratio Lower Upper
93 100
63 75.5 55.5 95.5
95 32.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 36.878 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion: 146 Resp: 454116
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
75 28.7 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 36.833 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

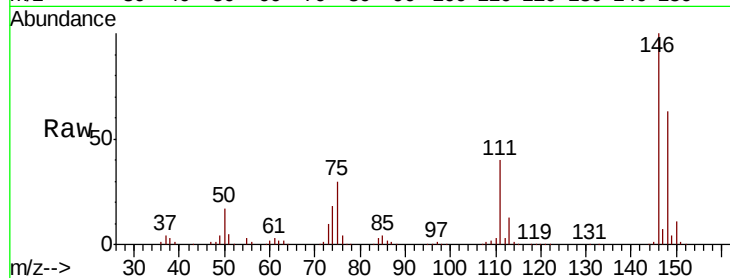
Tot Ion:146 Resp: 457874

Ion Ratio Lower Upper

146 100

148 63.1 50.6 76.0

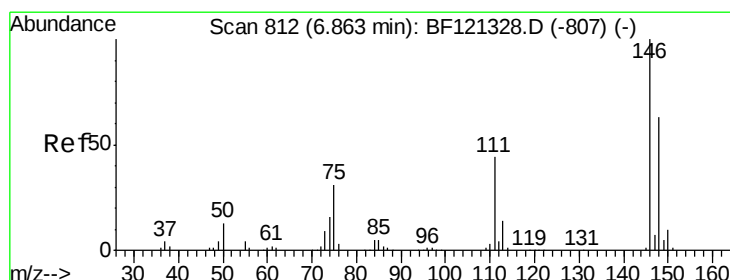
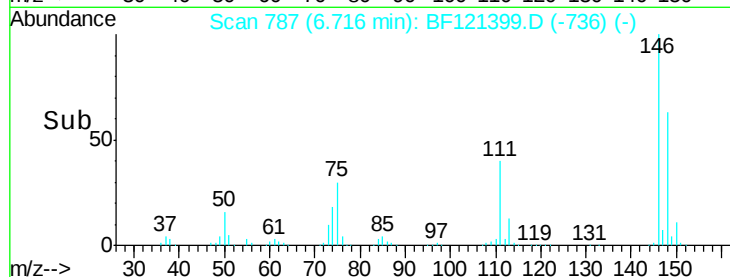
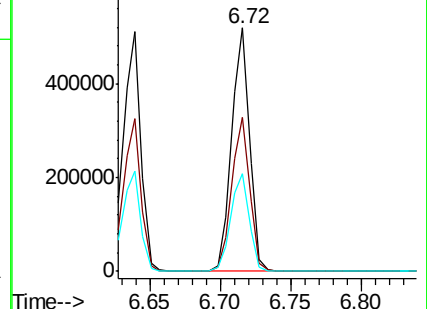
111 40.1 32.6 49.0



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: 34.036 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

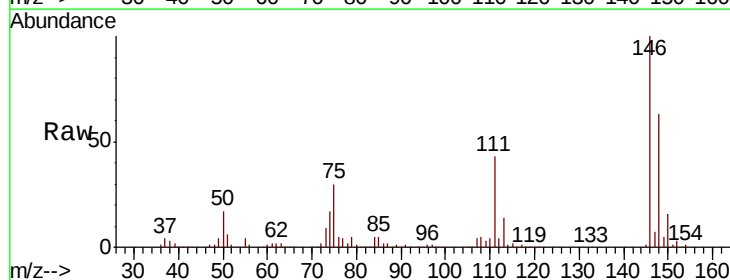
Tgt Ion:146 Resp: 402938

Ion Ratio Lower Upper

146 100

148 62.8 51.1 76.7

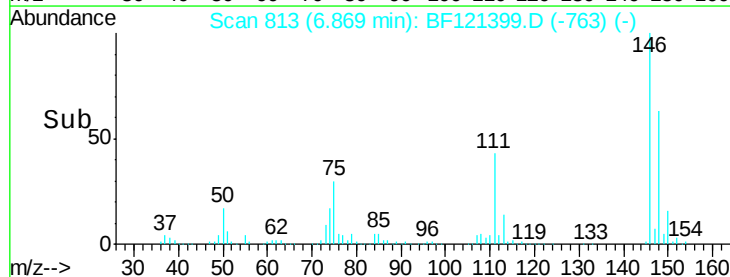
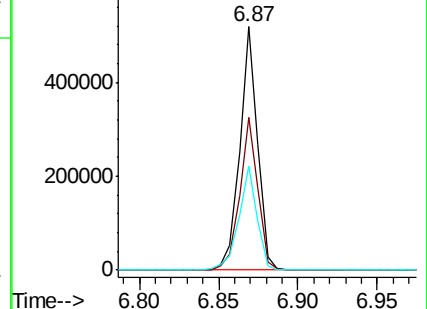
111 42.8 32.8 49.2

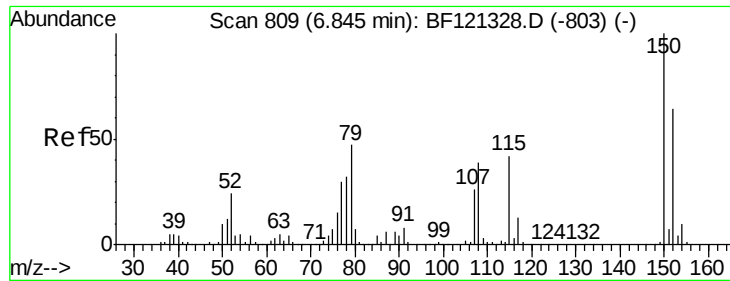


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

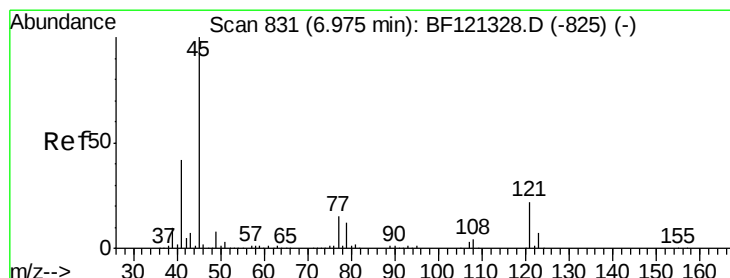
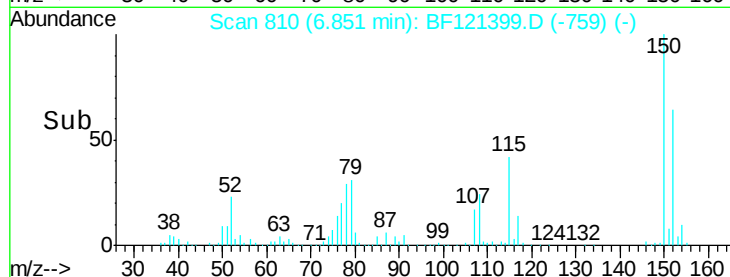
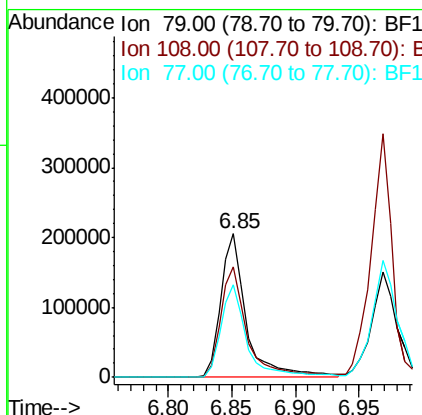
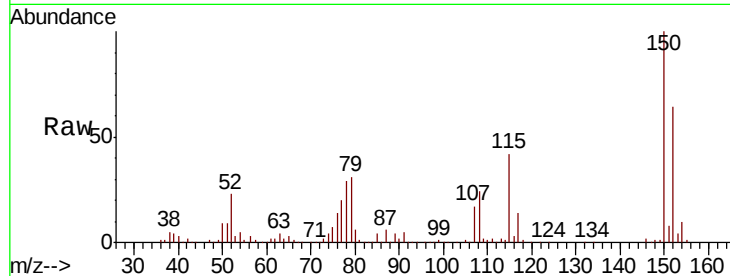




#15
Benzyl Alcohol
Concen: 35.947 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

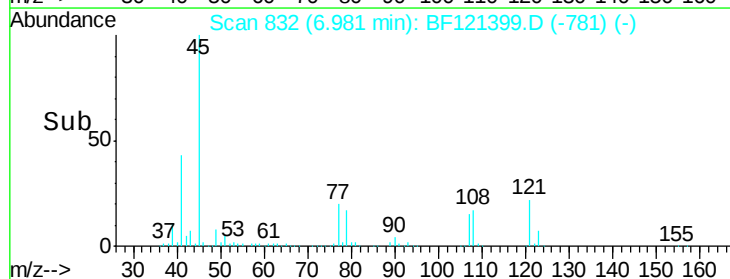
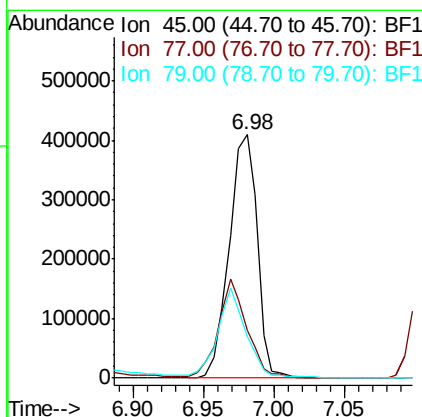
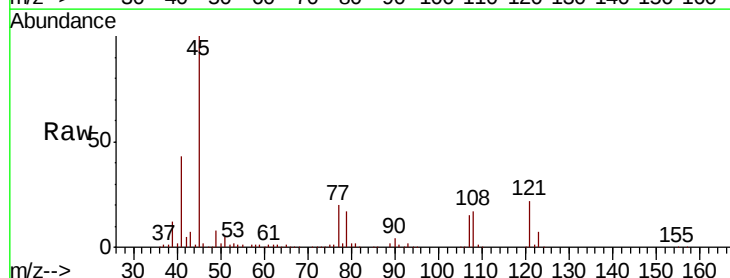
Instrument :
BNA_F
ClientSampleId :
PB131036BS

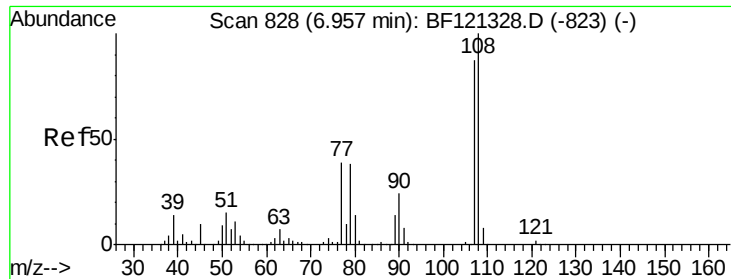
Tot Ion: 79 Resp: 290351
Ion Ratio Lower Upper
79 100
108 77.4 62.3 93.5
77 64.5 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.423 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion: 45 Resp: 565431
Ion Ratio Lower Upper
45 100
77 19.9 0.7 40.7
79 16.9 0.0 37.1

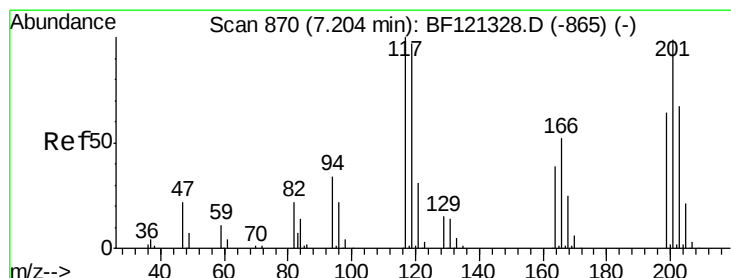
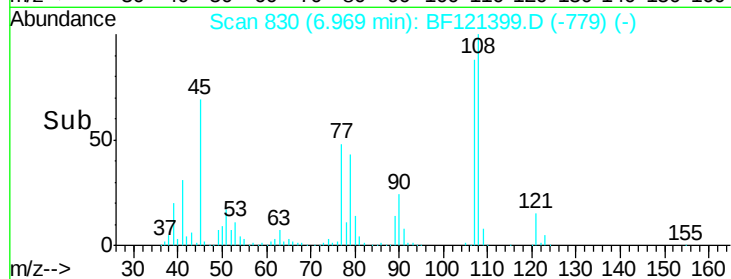
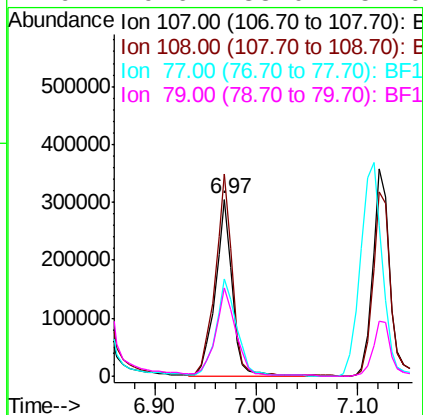
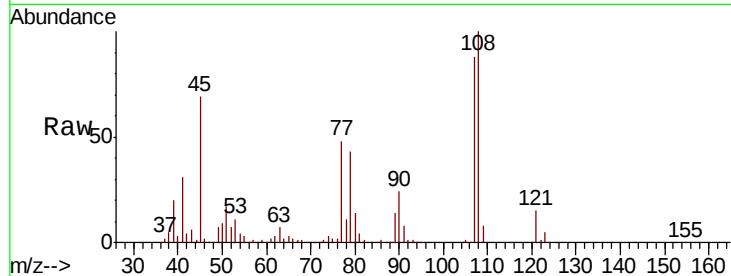




#17
2-Methylphenol
Concen: 38.951 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

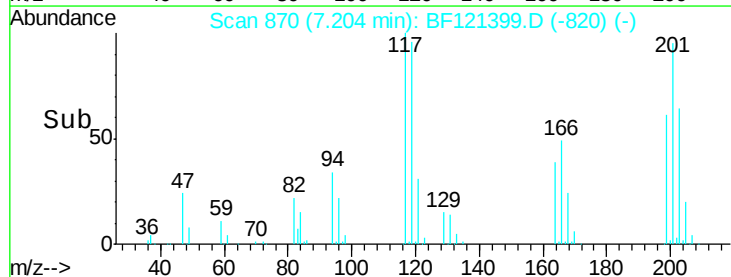
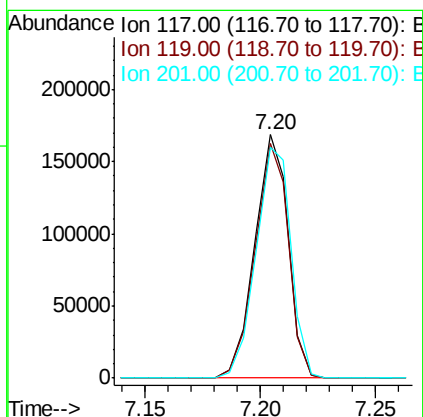
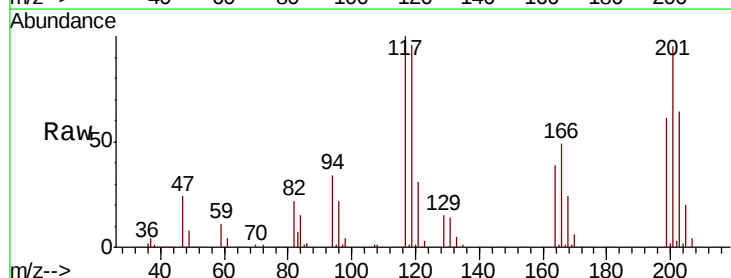
Instrument :
BNA_F
ClientSampleId :
PB131036BS

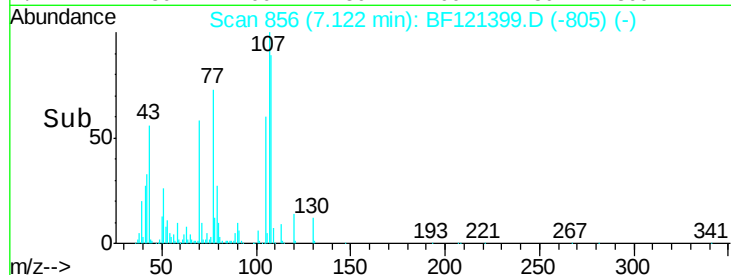
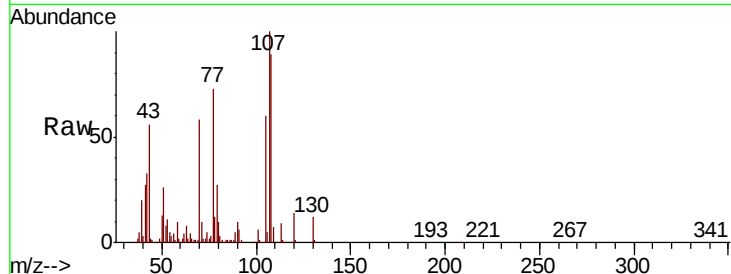
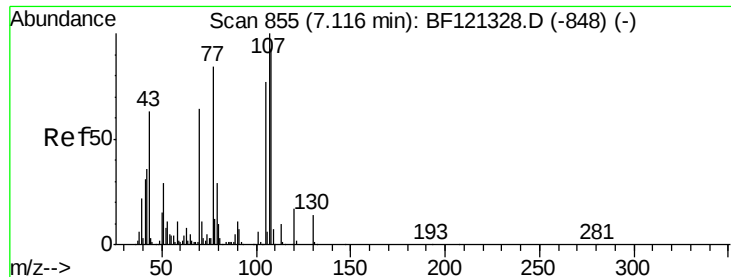
Tot Ion:	107	Resp:	353247
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.5	137.3
77	54.6	40.1	60.1
79	49.6	38.0	57.0



#18
Hexachloroethane
Concen: 36.709 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion:	117	Resp:	169915
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.0	115.6
201	94.9	80.6	120.8

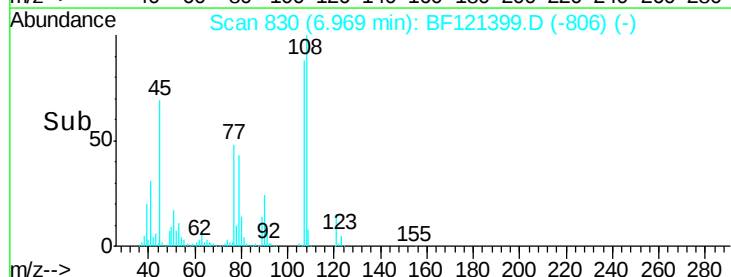
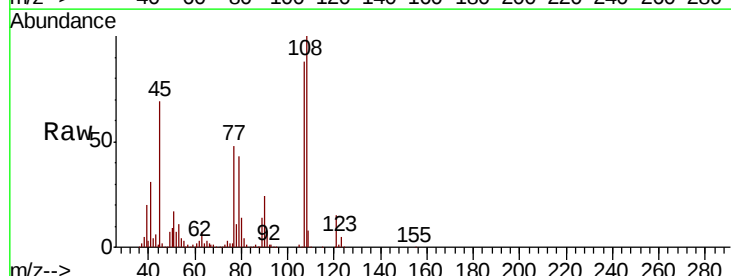
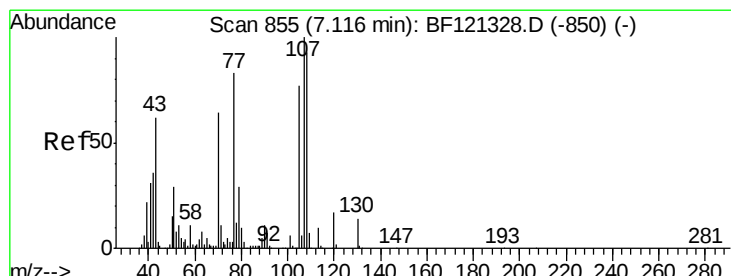
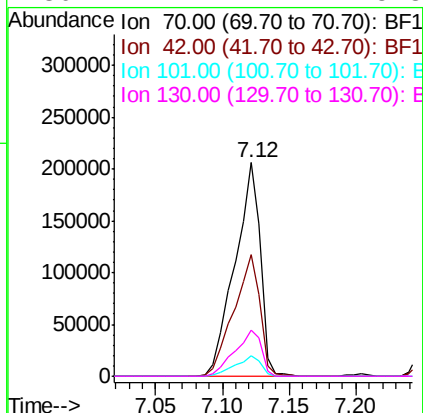




#19
n-Nitroso-di-n-propylamine
Concen: 37.990 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

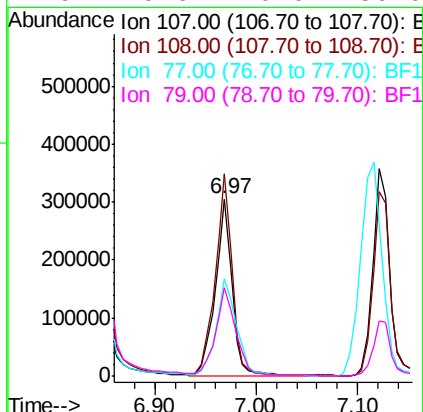
Instrument :
BNA_F
ClientSampleId :
PB131036BS

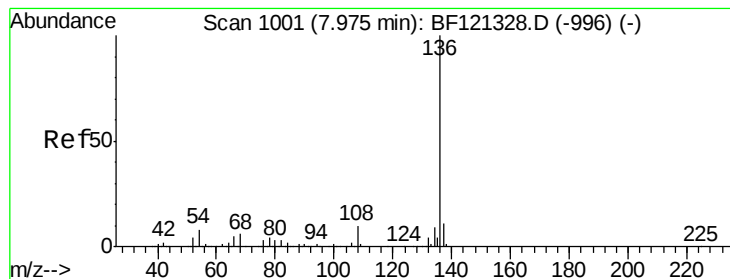
Tot Ion: 70 Resp: 274288
Ion Ratio Lower Upper
70 100
42 57.2 46.9 70.3
101 9.5 7.7 11.5
130 21.4 17.2 25.8



#20
3+4-Methylphenols
Concen: 37.553 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.16 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion: 107 Resp: 349202
Ion Ratio Lower Upper
107 100
108 114.0 76.0 116.0
77 54.6 26.5 66.5
79 49.6 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

Tot Ion:136 Resp: 675467

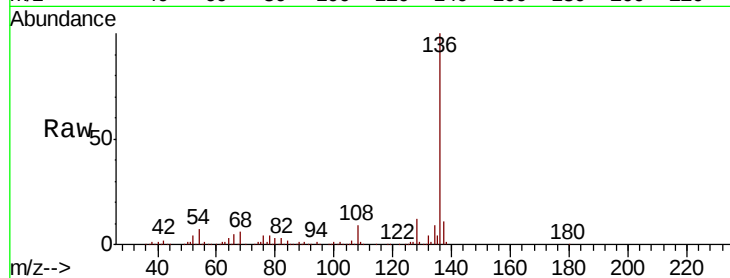
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.5 5.8 8.6

68 6.1 4.7 7.1

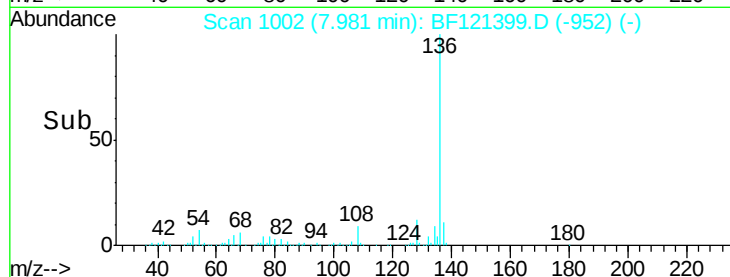


Abundance Ion 136.00 (135.70 to 136.70): E

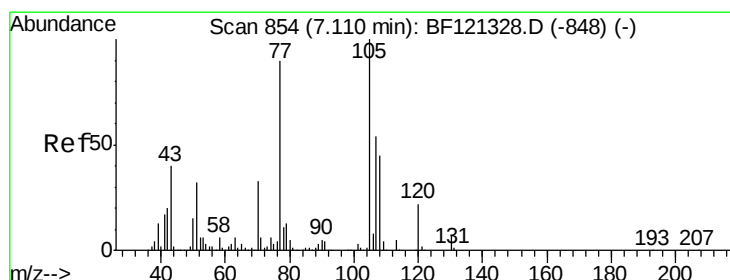
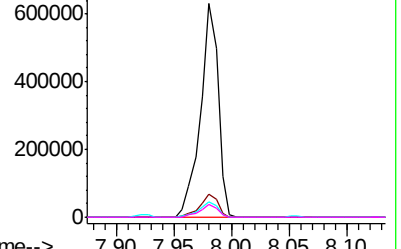
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 36.325 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Tgt Ion:105 Resp: 573633

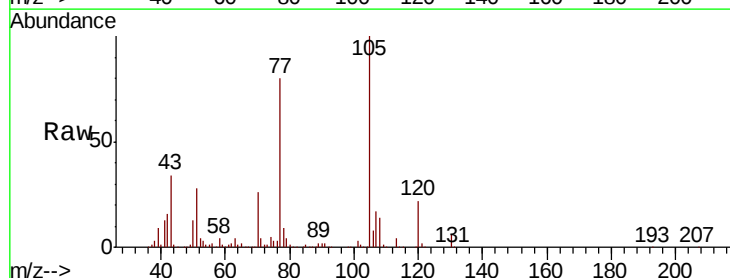
Ion Ratio Lower Upper

105 100

71 4.5 3.5 5.3

51 27.8 23.9 35.9

120 22.4 17.9 26.9

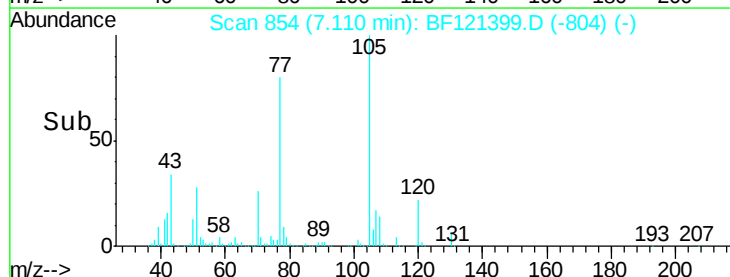


Abundance Ion 105.00 (104.70 to 105.70): E

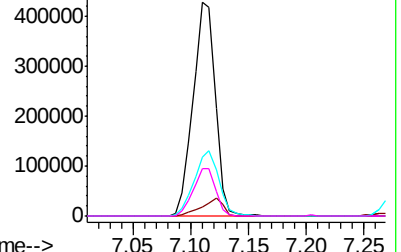
Ion 71.00 (70.70 to 71.70): BF1

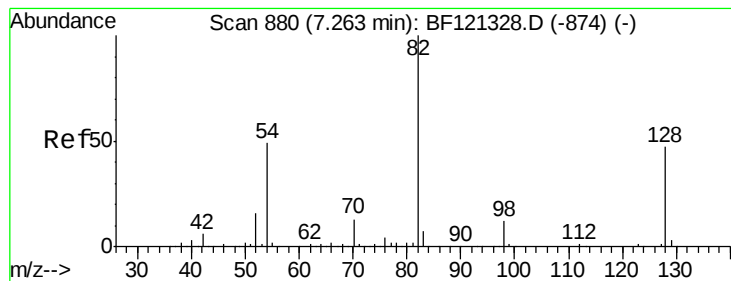
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 87.971 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

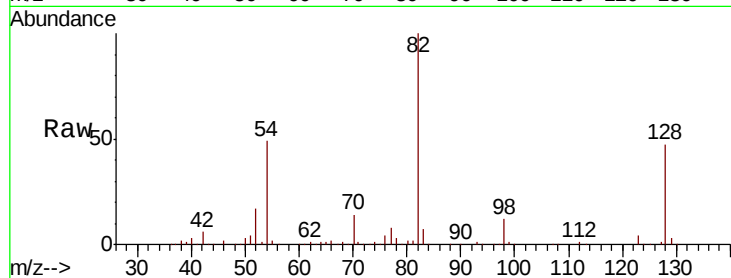
Tot Ion: 82 Resp: 1050659

Ion Ratio Lower Upper

82 100

128 46.6 38.4 57.6

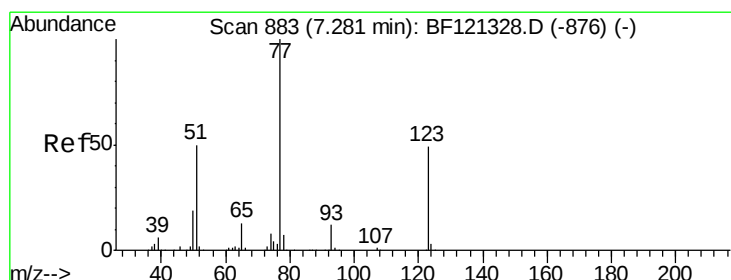
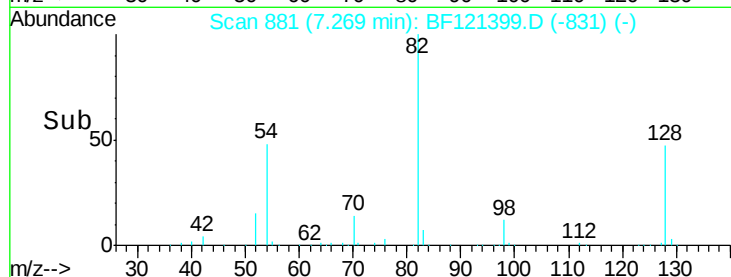
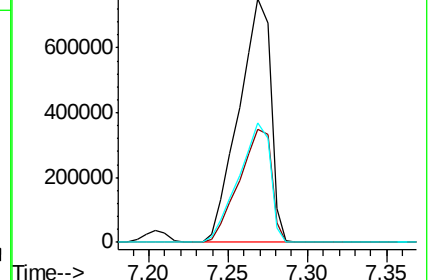
54 49.1 39.0 58.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 35.950 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

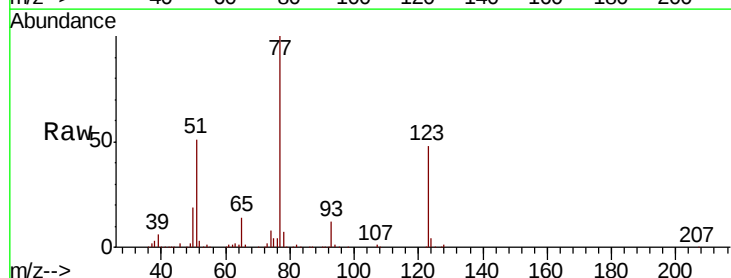
Tgt Ion: 77 Resp: 437603

Ion Ratio Lower Upper

77 100

123 48.1 42.0 63.0

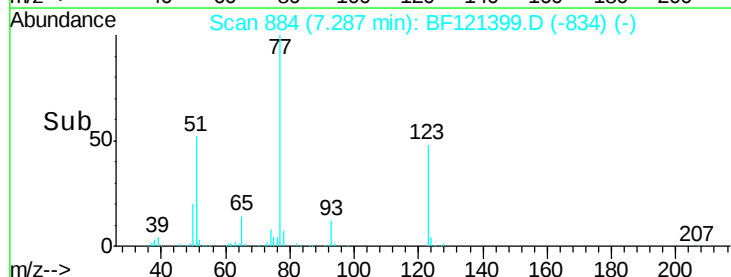
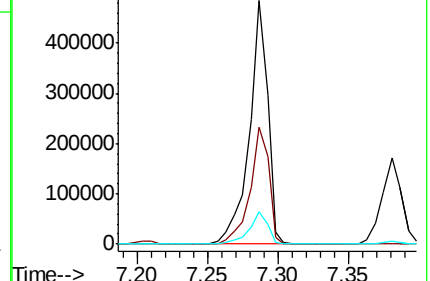
65 13.5 10.4 15.6

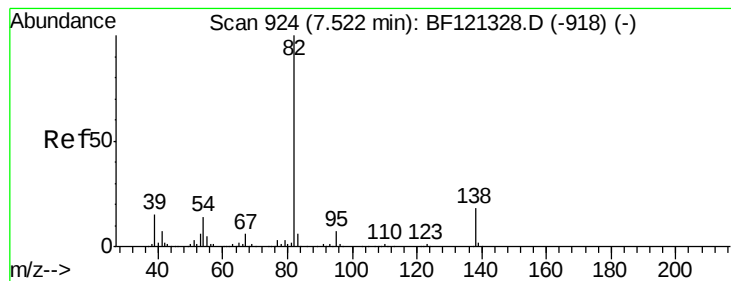


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.363 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

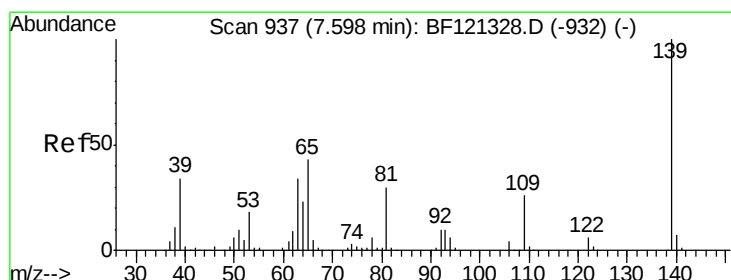
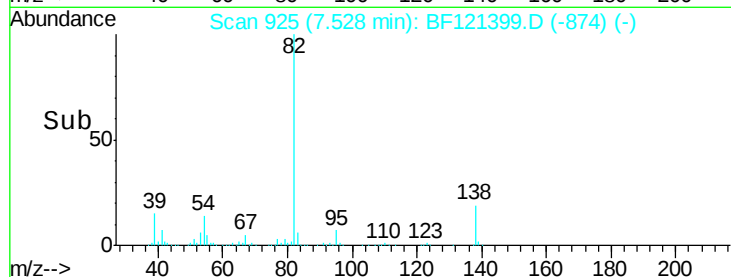
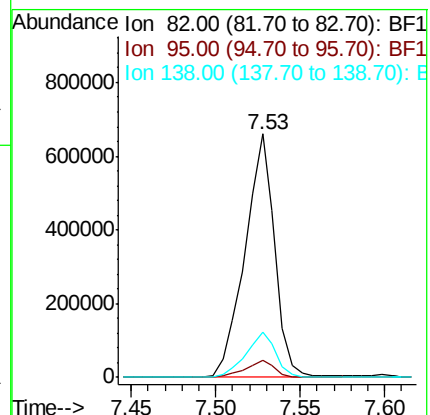
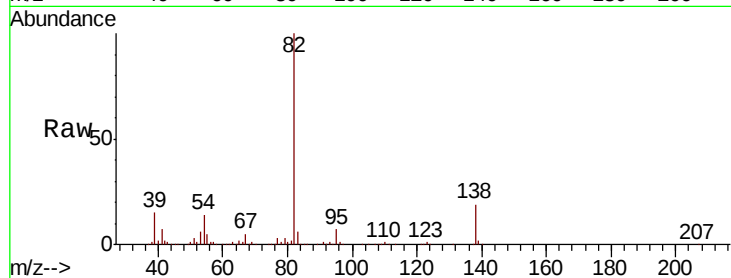
Tot Ion: 82 Resp: 812072

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.7 15.0 22.6



#26

2-Nitrophenol

Concen: 39.028 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

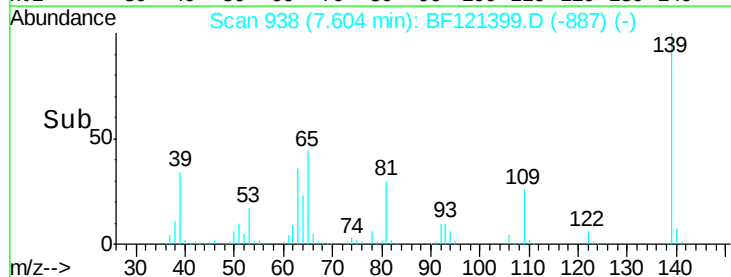
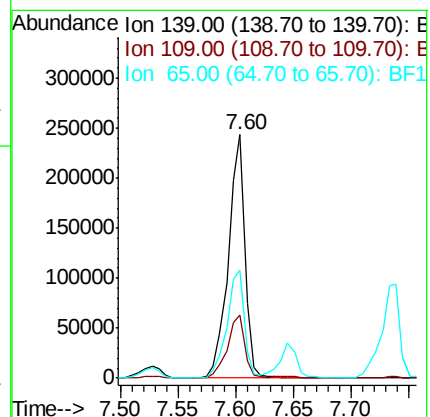
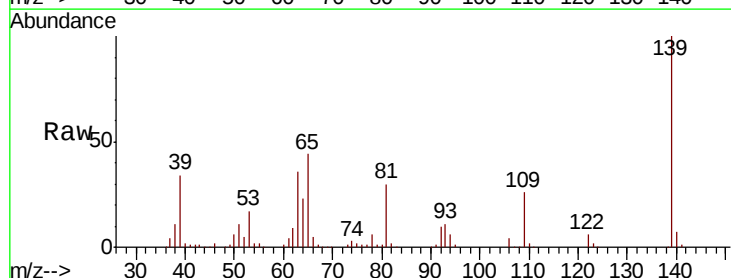
Tgt Ion: 139 Resp: 243651

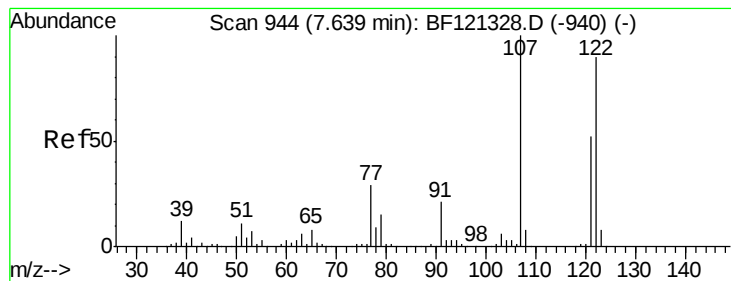
Ion Ratio Lower Upper

139 100

109 26.0 21.2 31.8

65 44.1 37.0 55.6





#27

2,4-Dimethylphenol

Concen: 42.973 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

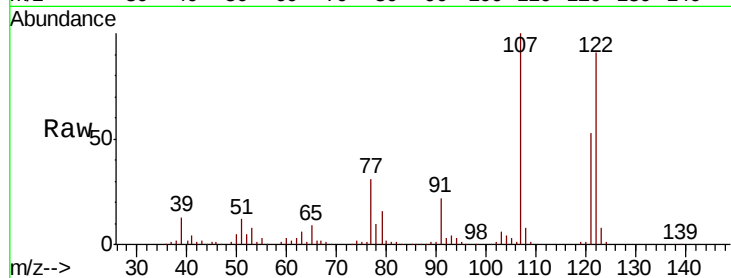
Tot Ion:122 Resp: 382809

Ion Ratio Lower Upper

122 100

107 109.5 85.1 127.7

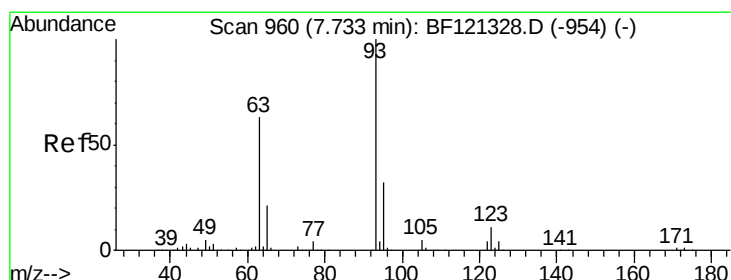
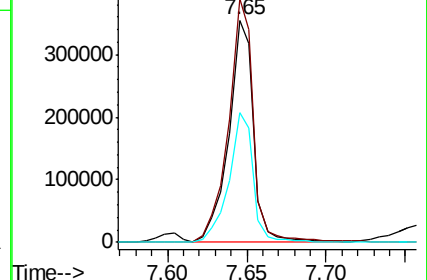
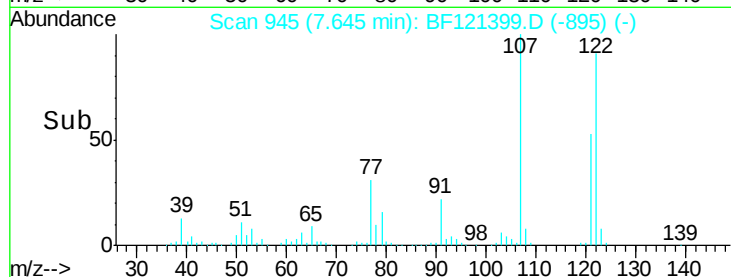
121 58.1 44.9 67.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.500 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

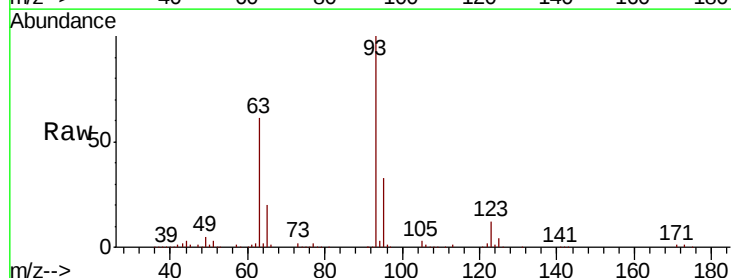
Tgt Ion: 93 Resp: 525239

Ion Ratio Lower Upper

93 100

95 32.7 26.6 39.8

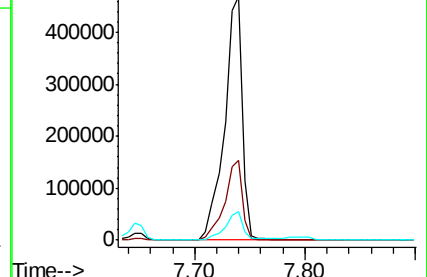
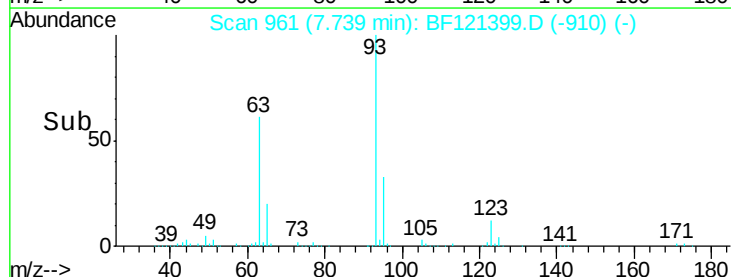
123 11.8 9.4 14.0

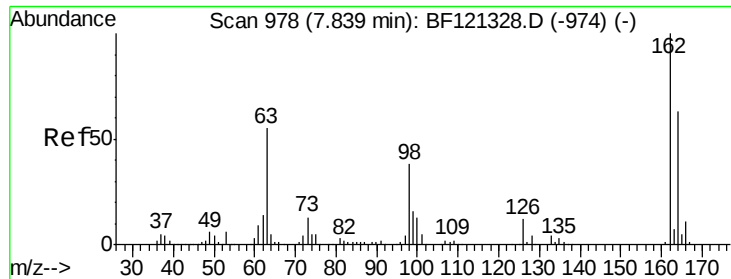


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

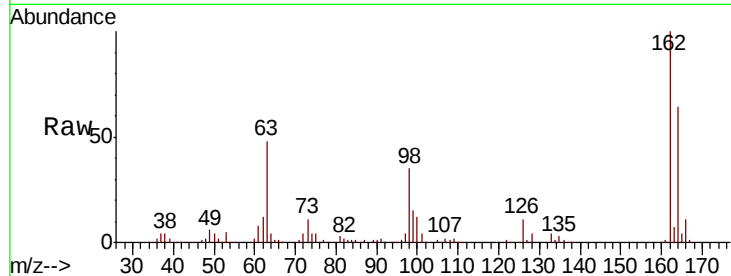




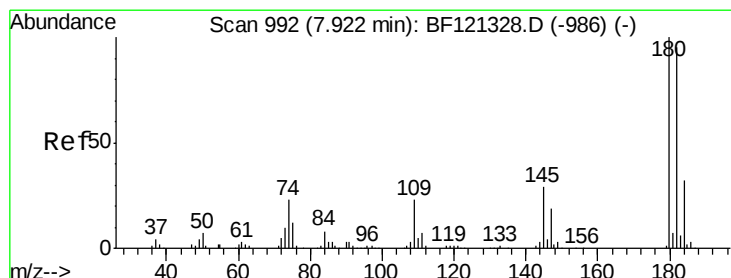
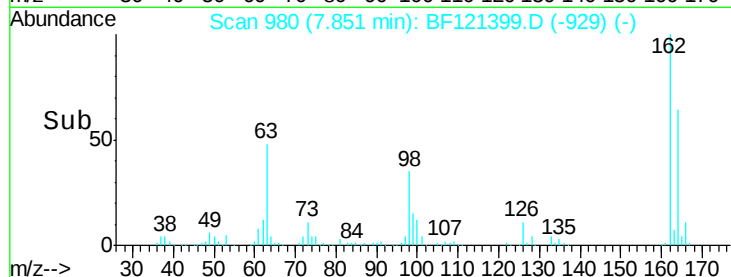
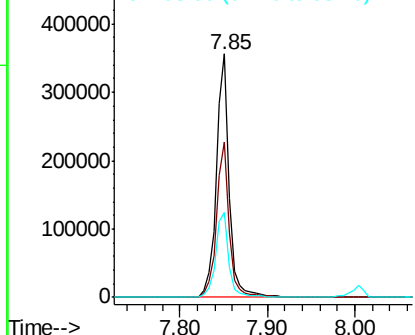
#29
 2,4-Dichlorophenol
 Concen: 37.189 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.3	84.3
98	34.7	16.1	56.1

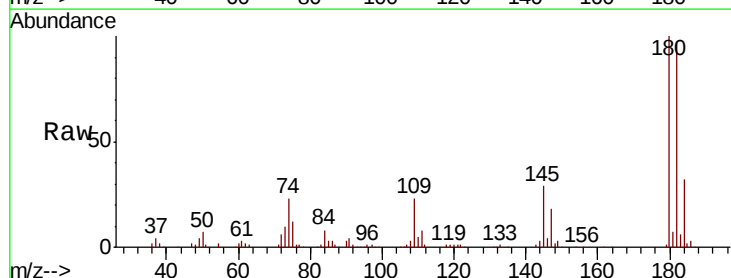


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

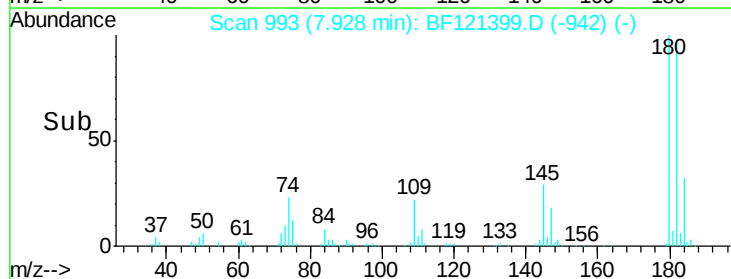
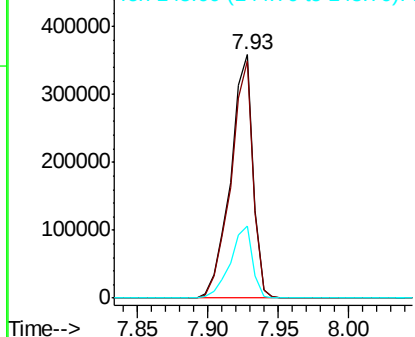


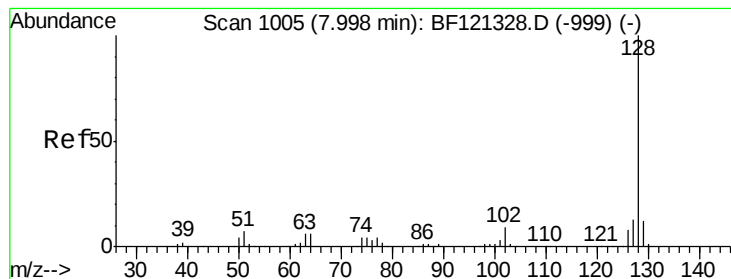
#30
 1,2,4-Trichlorobenzene
 Concen: 35.656 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.0	112.6
145	29.4	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: 36.318 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

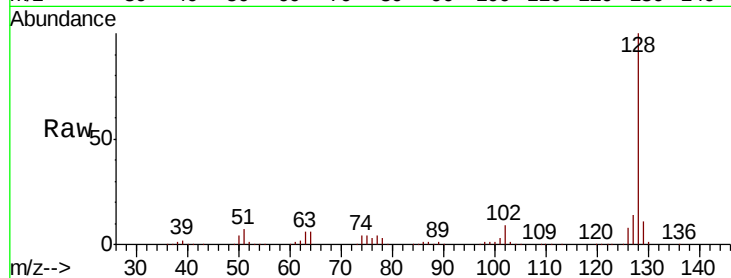
Tot Ion:128 Resp: 1220932

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

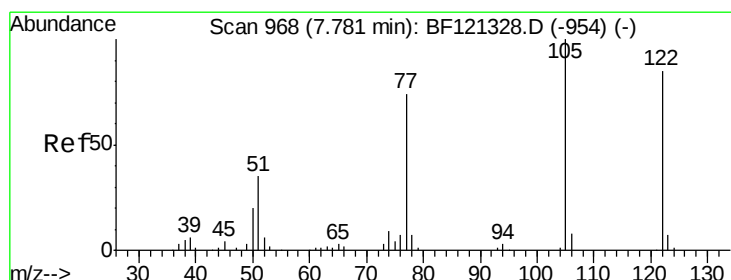
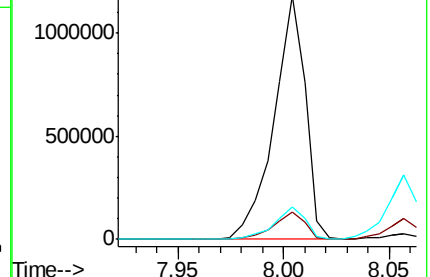
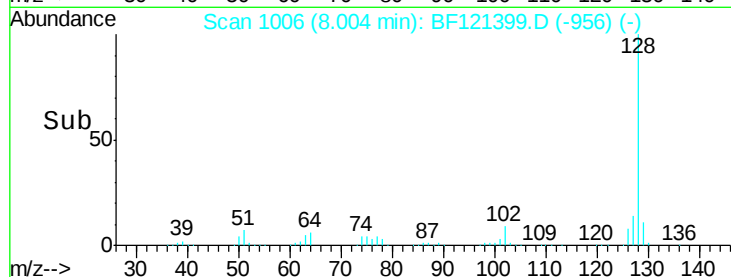
127 13.5 10.6 15.8



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: 31.007 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

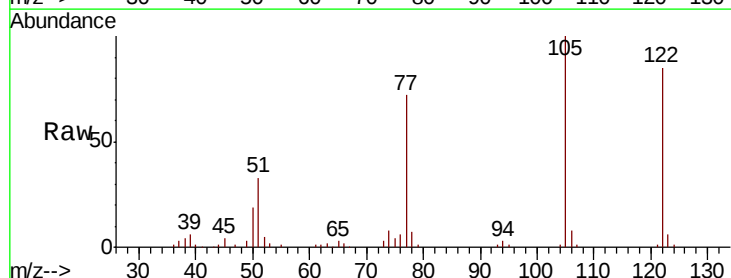
Tgt Ion:122 Resp: 195531

Ion Ratio Lower Upper

122 100

105 117.7 98.8 138.8

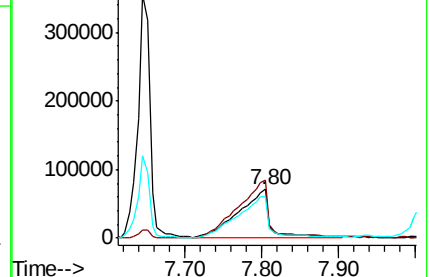
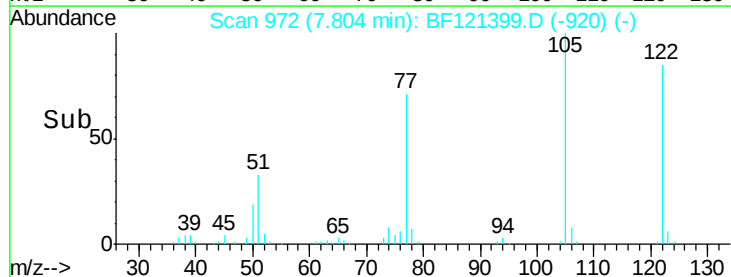
77 84.2 66.3 106.3



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

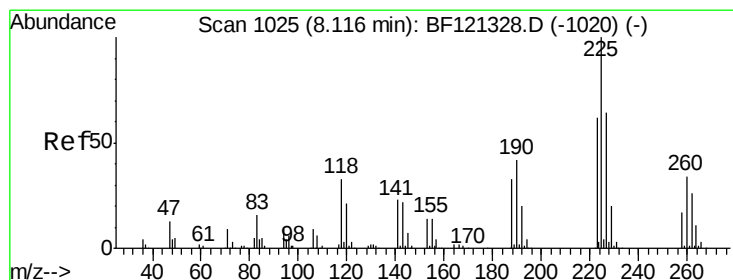
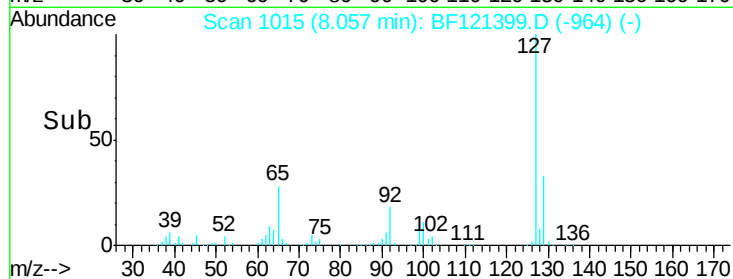
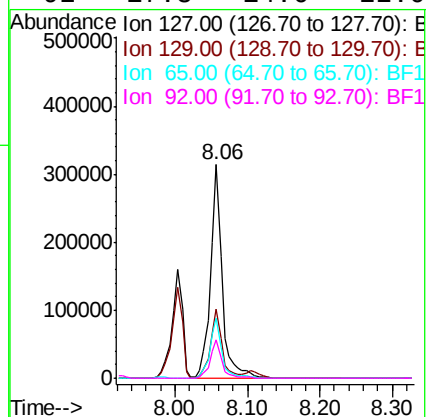
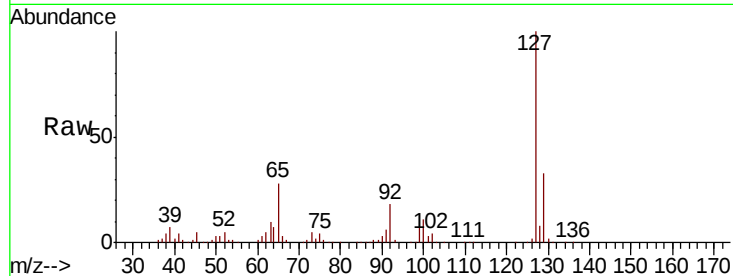




#33
4-Chloroaniline
Concen: 23.837 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

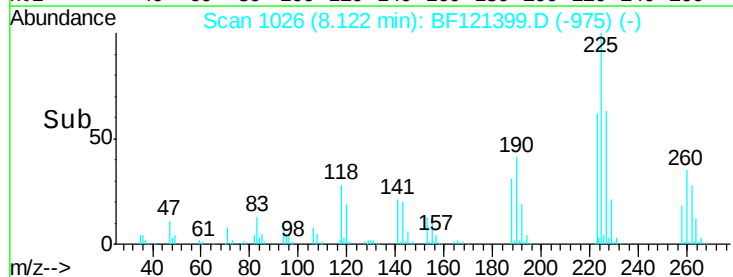
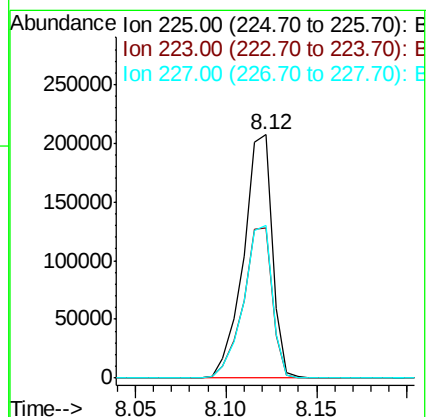
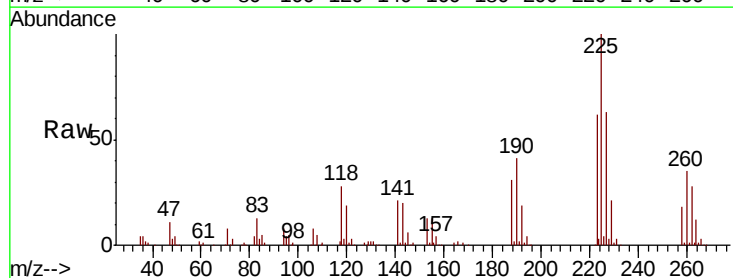
Instrument :
BNA_F
ClientSampleId :
PB131036BS

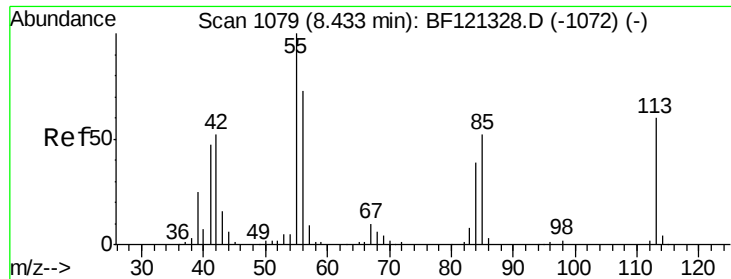
Tot Ion:	127	Resp:	354850
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	28.2	23.7	35.5
92	17.8	14.6	22.0



#34
Hexachlorobutadiene
Concen: 34.721 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion:	225	Resp:	228534
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.2	76.8
227	62.9	51.8	77.8

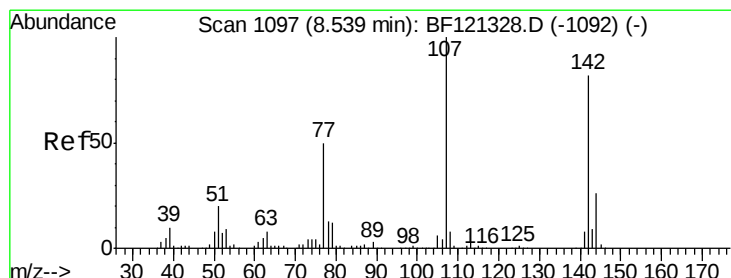
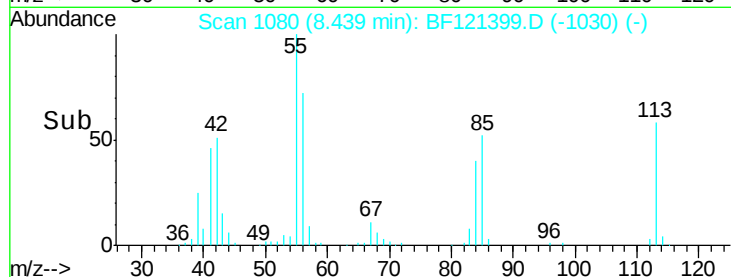
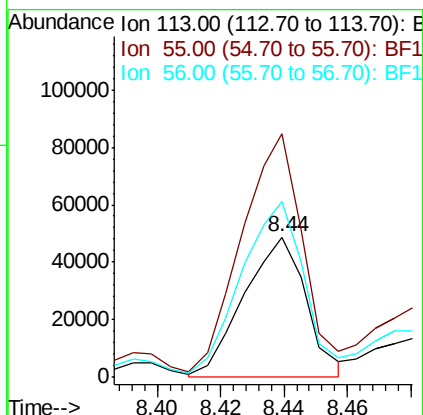
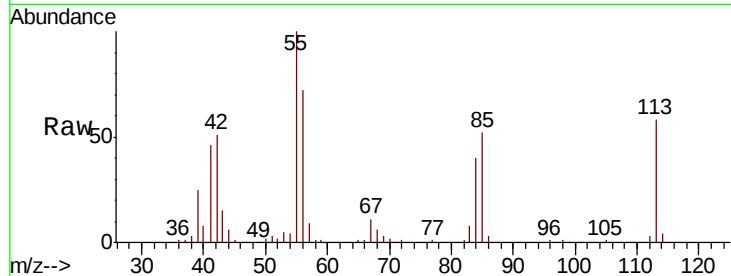




#35
 Caprolactam
 Concen: 20.837 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

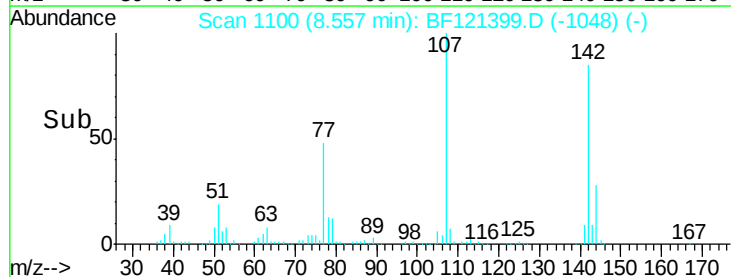
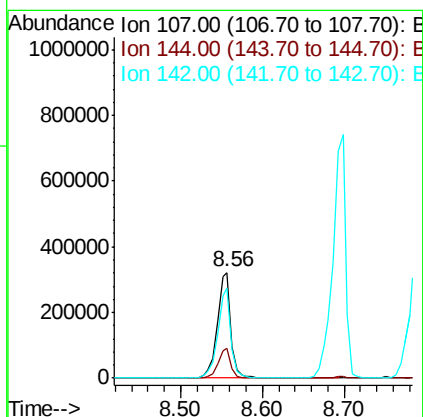
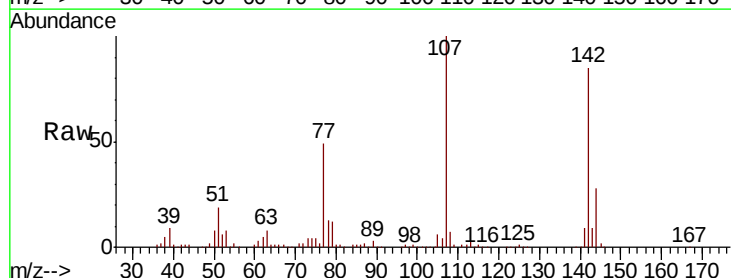
Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

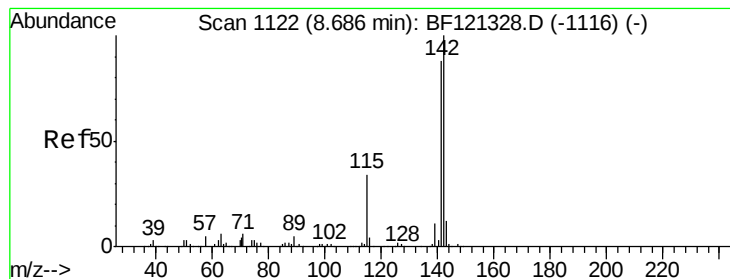
Tot Ion:113 Resp: 66373
 Ion Ratio Lower Upper
 113 100
 55 173.7 147.4 187.4
 56 125.8 102.7 142.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.055 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion:107 Resp: 374330
 Ion Ratio Lower Upper
 107 100
 144 27.7 20.7 31.1
 142 85.0 65.4 98.2





#37

2-Methylnaphthalene

Concen: 37.419 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

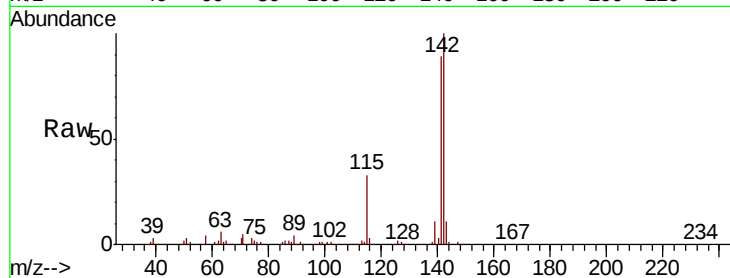
Tot Ion:142 Resp: 815339

Ion Ratio Lower Upper

142 100

141 89.0 71.2 106.8

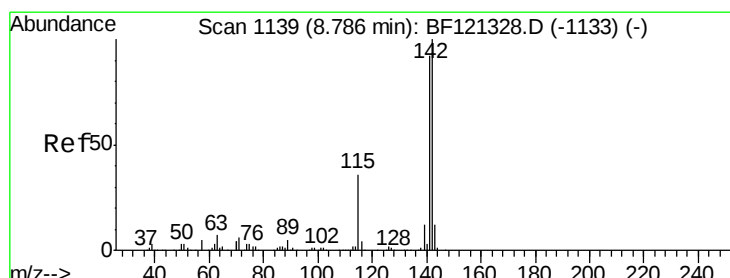
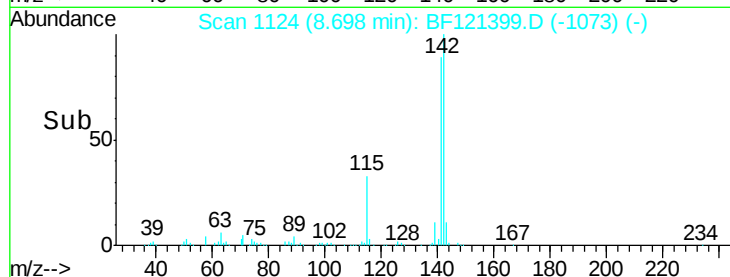
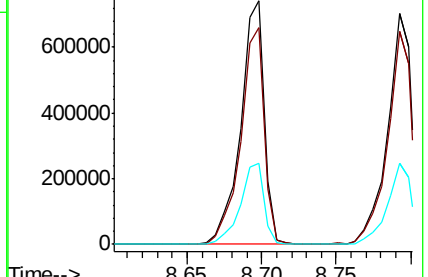
115 33.2 26.9 40.3



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: 37.057 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

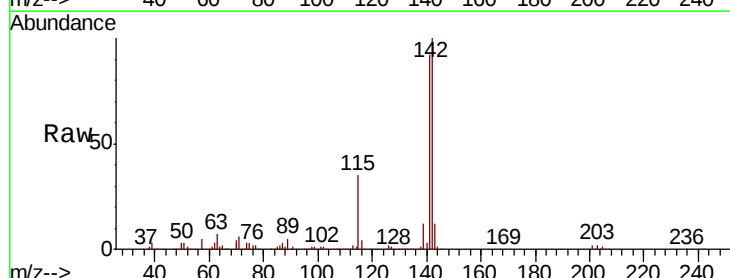
Tgt Ion:142 Resp: 767743

Ion Ratio Lower Upper

142 100

141 91.9 73.0 109.6

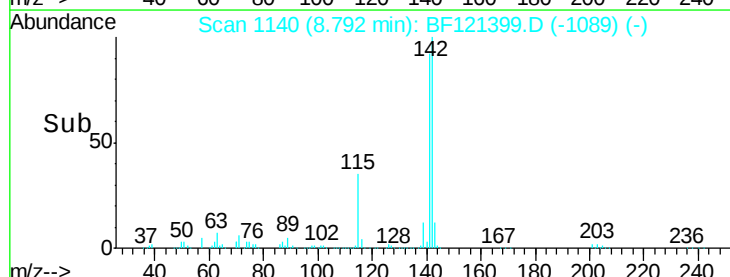
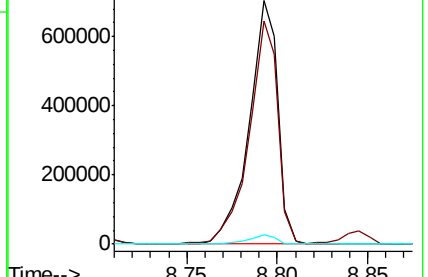
116 3.6 3.0 4.6

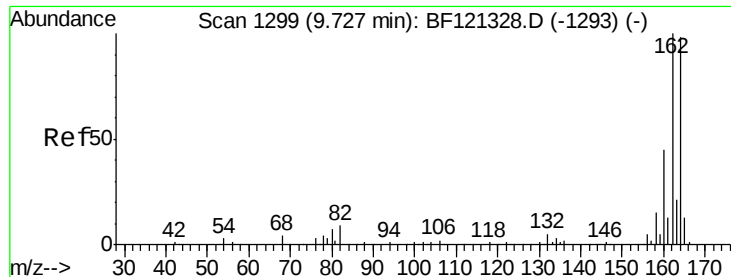


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

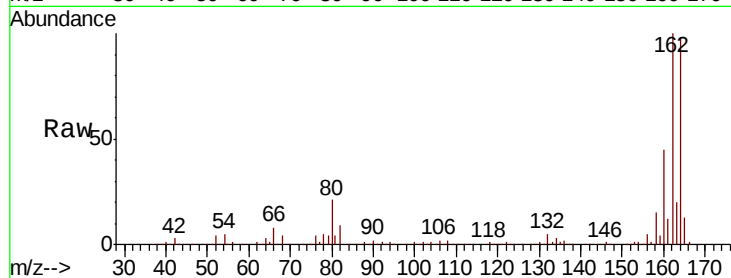
Tot Ion:164 Resp: 353208

Ion Ratio Lower Upper

164 100

162 101.9 81.9 122.9

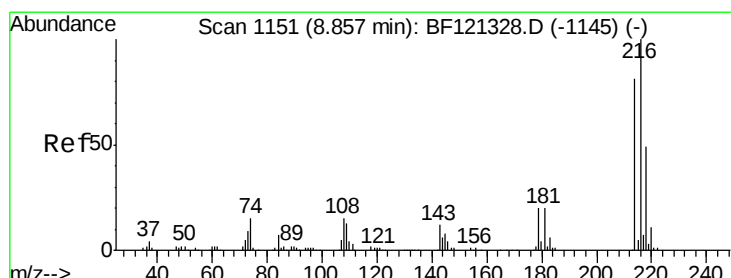
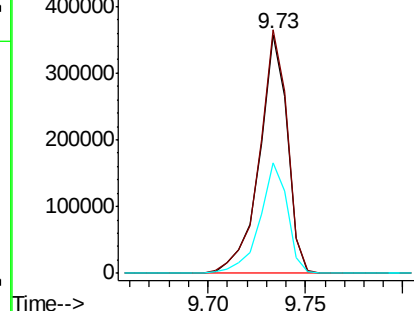
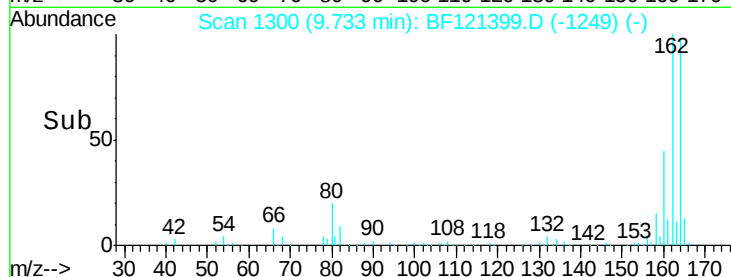
160 46.0 37.1 55.7



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: 36.250 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Tgt Ion:216 Resp: 380020

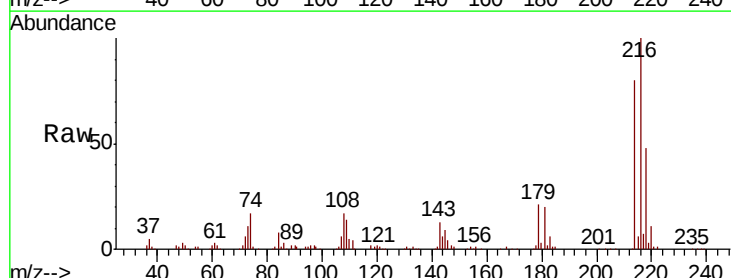
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 20.7 16.6 24.8

108 19.5 14.1 21.1

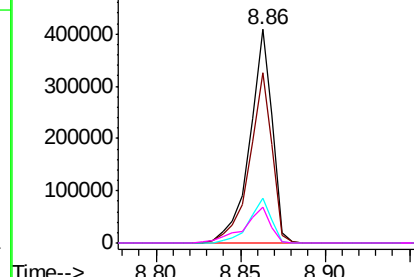
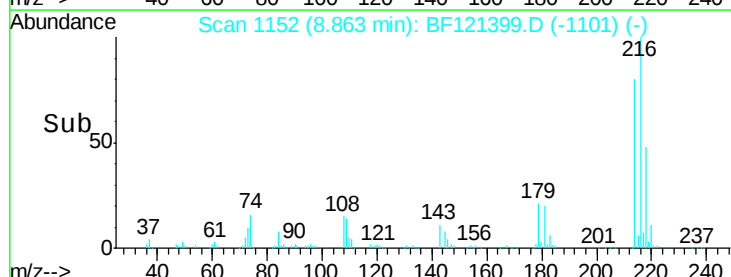


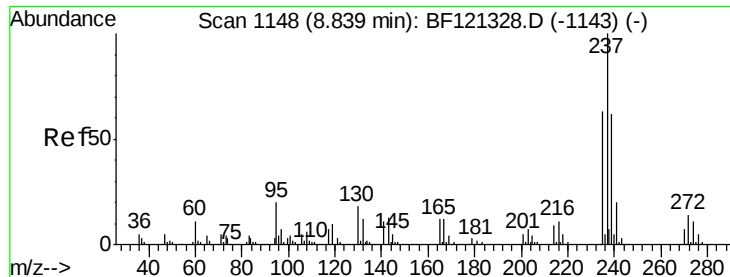
Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.879 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

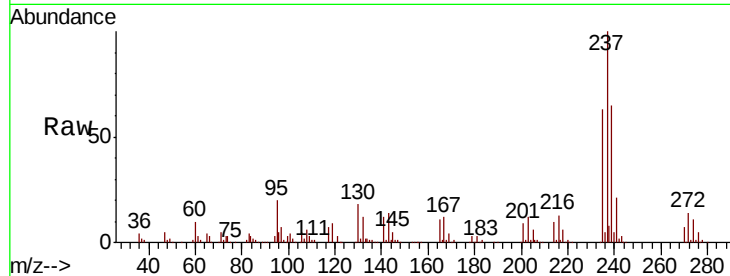
Tot Ion:237 Resp: 313604

Ion Ratio Lower Upper

237 100

235 63.5 42.8 82.8

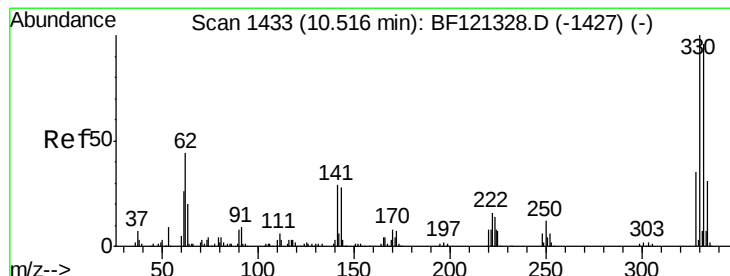
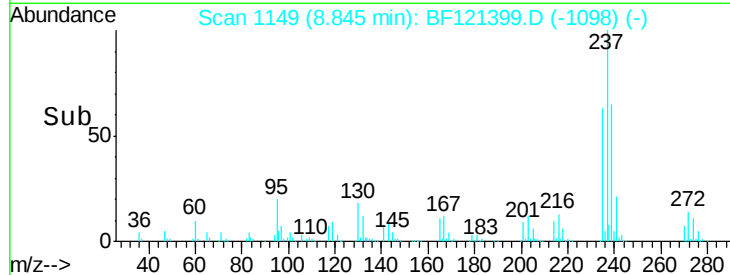
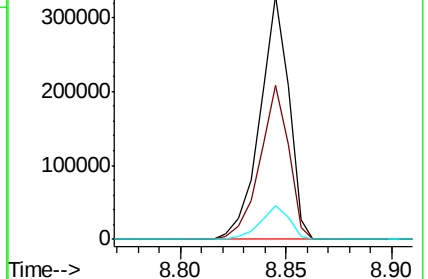
272 13.9 0.0 33.3



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: 87.757 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

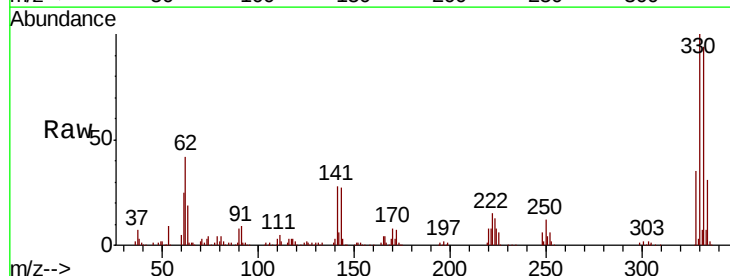
Tgt Ion:330 Resp: 361206

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

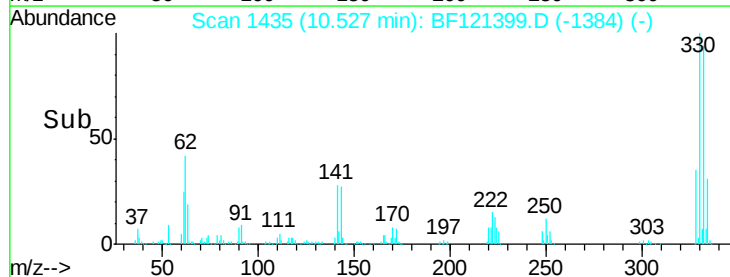
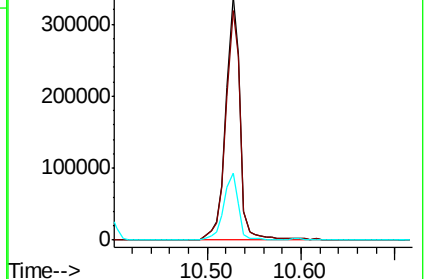
141 28.5 22.8 34.2

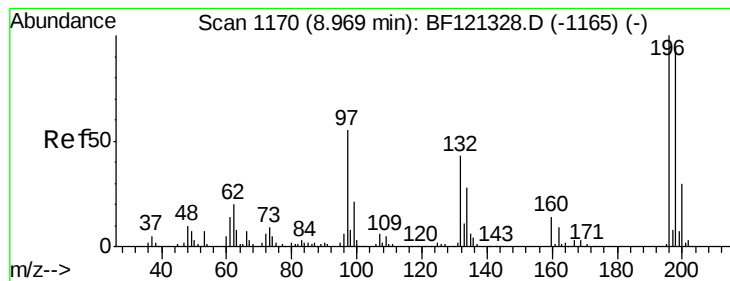


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 35.603 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

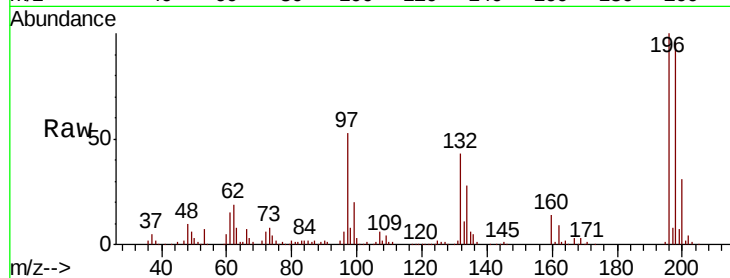
Tot Ion:196 Resp: 255158

Ion Ratio Lower Upper

196 100

198 96.3 76.6 114.8

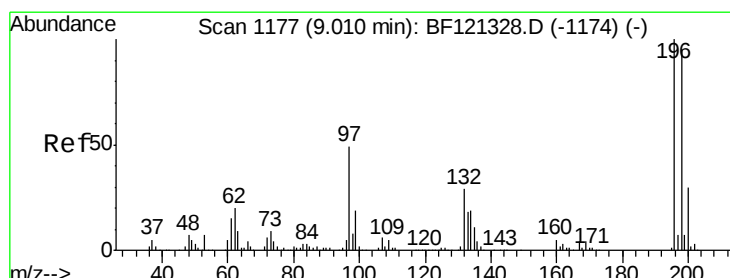
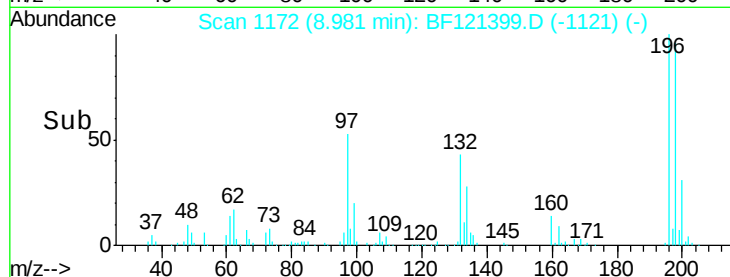
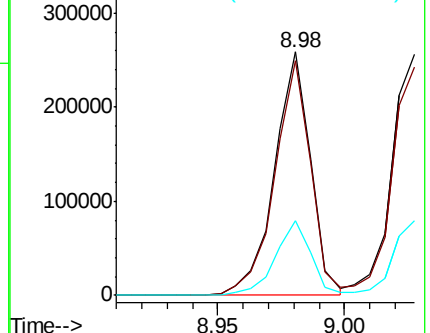
200 30.7 24.7 37.1



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 36.785 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Tgt Ion:196 Resp: 271233

Ion Ratio Lower Upper

196 100

198 94.5 76.5 114.7

97 44.2 37.3 55.9

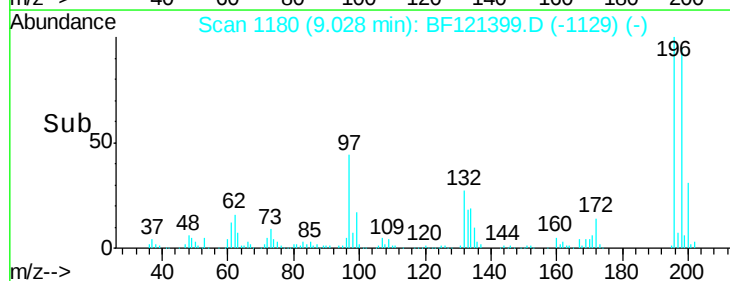
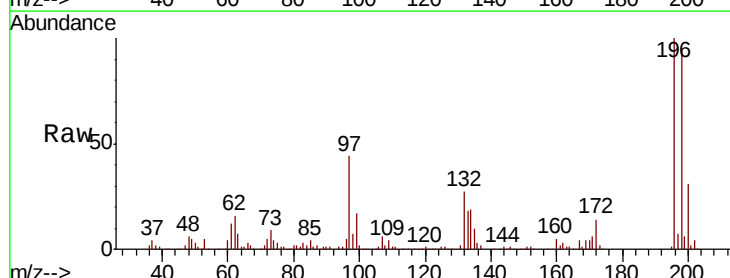
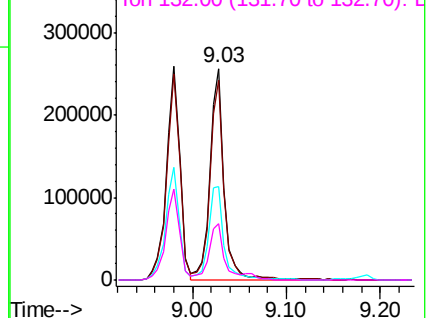
132 26.7 21.9 32.9

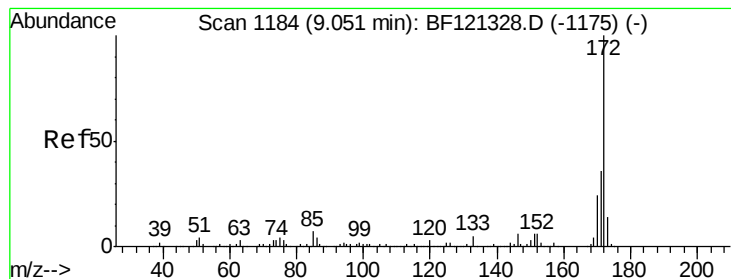
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 96.792 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

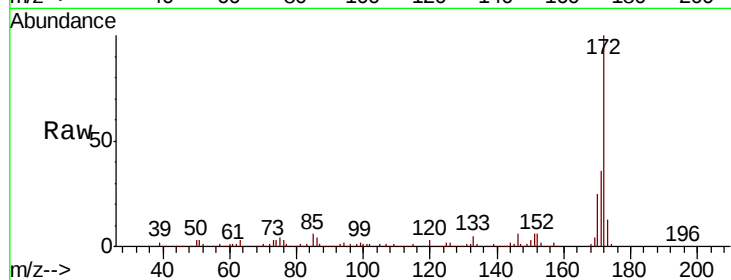
BNA_F

ClientSampleId :

PB131036BS

Tot Ion:172 Resp: 1747897

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.7	19.6	29.4

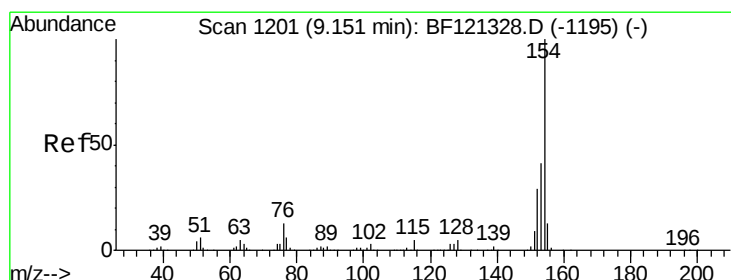
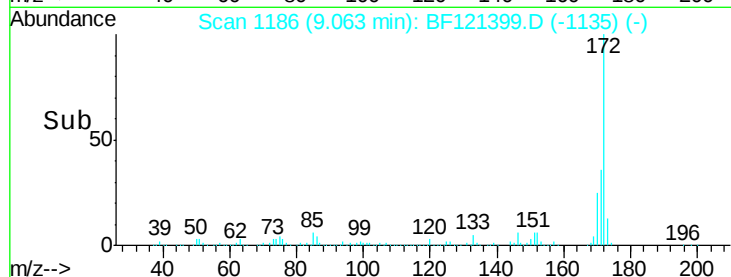
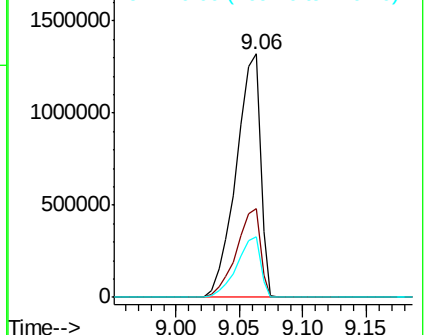


Abundance

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: 37.008 ng

RT: 9.16 min Scan# 1202

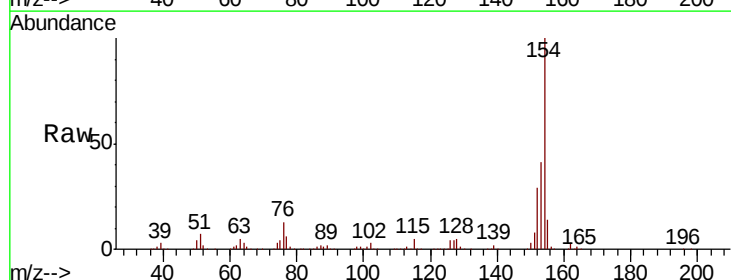
Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Tgt Ion:154 Resp: 979730

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	13.4	0.0	31.9

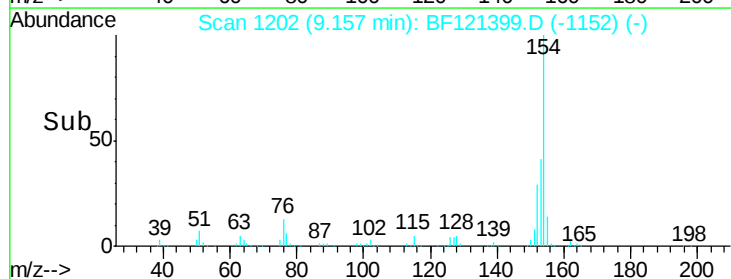
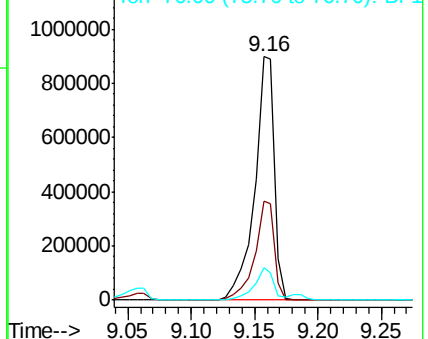


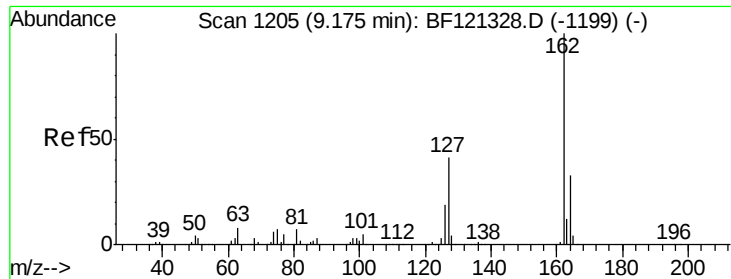
Abundance

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

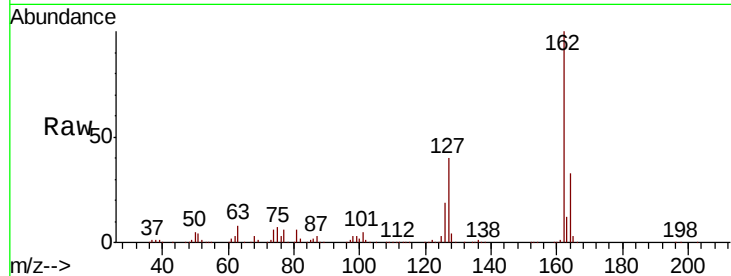




#47
 2-Chloronaphthalene
 Concen: 34.527 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.4	48.6
164	33.4	26.4	39.6

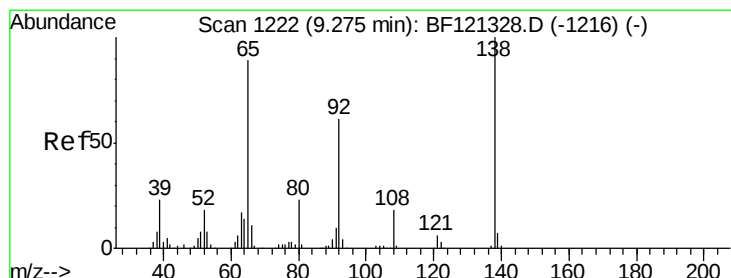
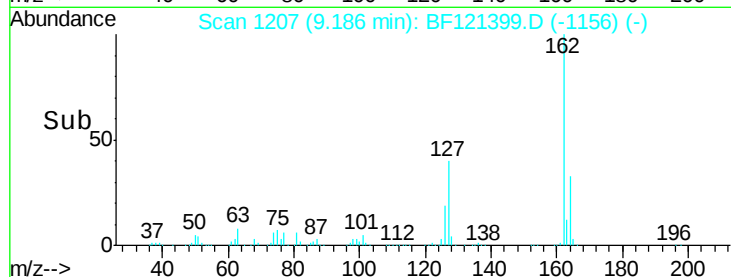
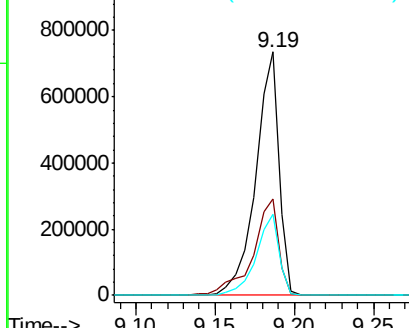


Abundance

Ion 162.00 (161.70 to 162.70): E

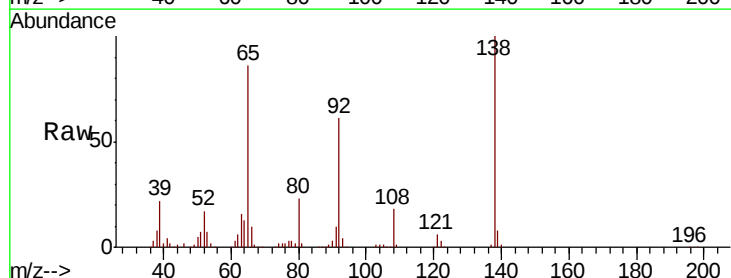
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 34.612 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	58.0	87.0
138	116.6	94.1	141.1

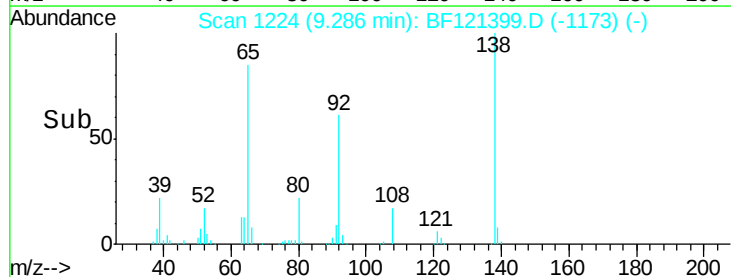
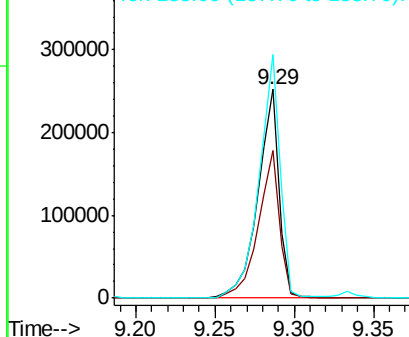


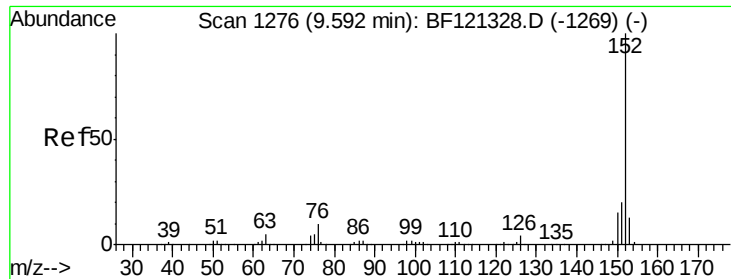
Abundance

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: 36.460 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

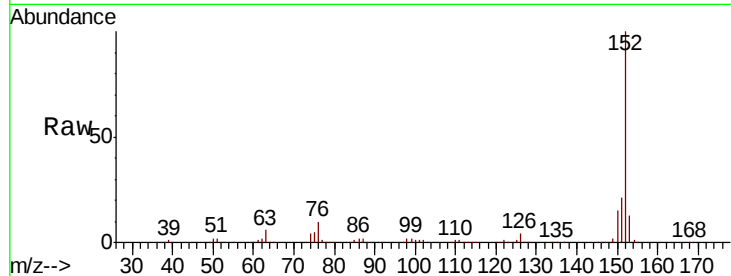
Tot Ion:152 Resp: 1181122

Ion Ratio Lower Upper

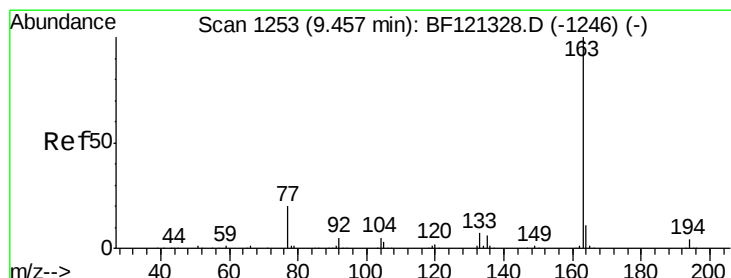
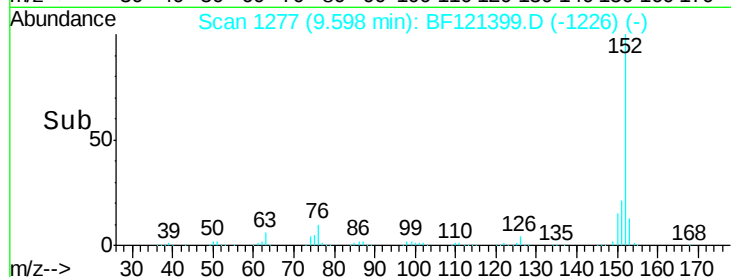
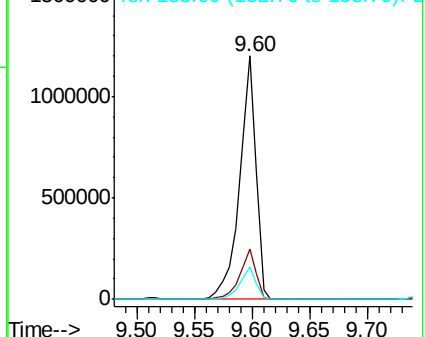
152 100

151 20.6 16.5 24.7

153 13.4 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: 34.995 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

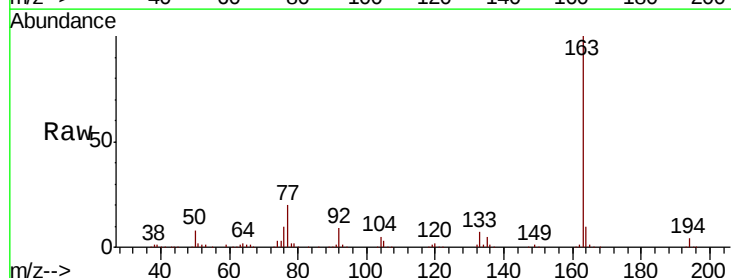
Tgt Ion:163 Resp: 899264

Ion Ratio Lower Upper

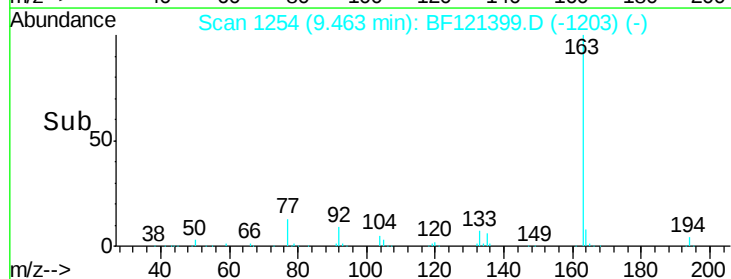
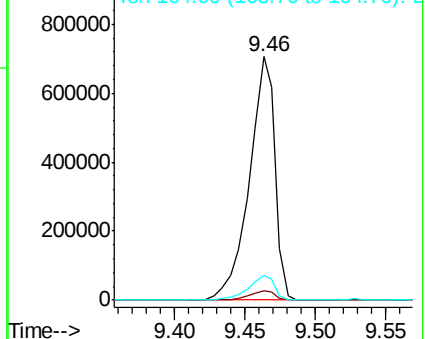
163 100

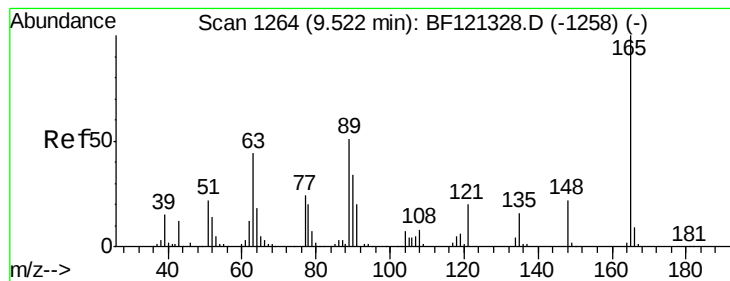
194 3.7 3.1 4.7

164 10.4 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: 36.773 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

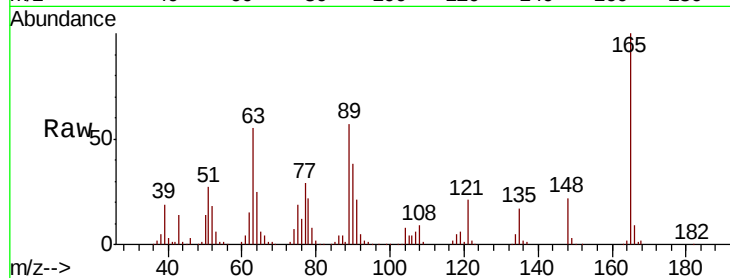
Tot Ion:165 Resp: 201807

Ion Ratio Lower Upper

165 100

63 55.3 36.1 54.1#

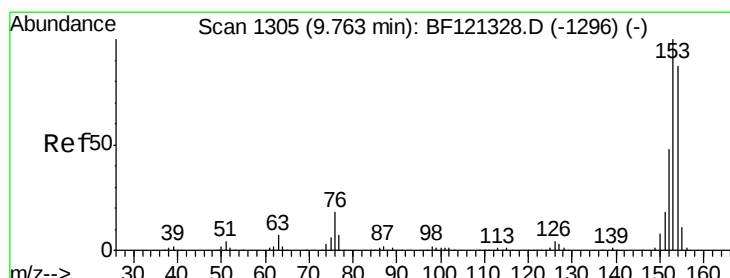
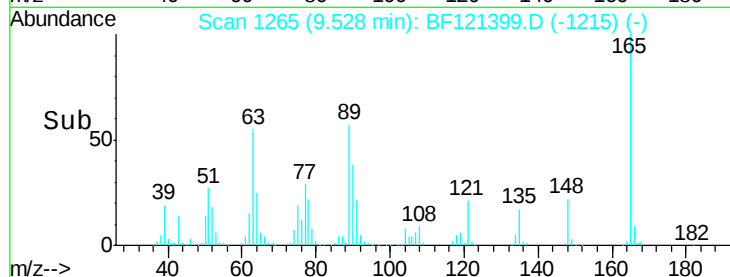
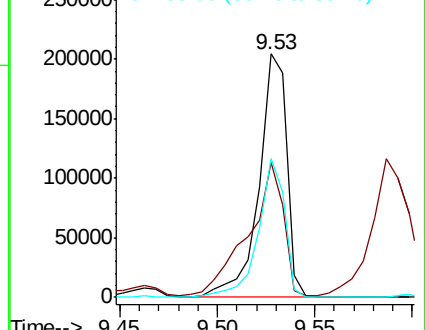
89 57.0 39.4 59.2



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: 35.103 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

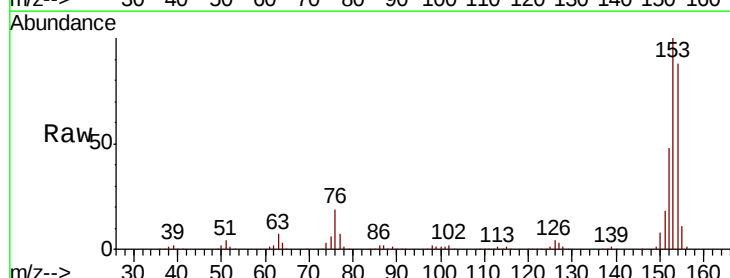
Tgt Ion:154 Resp: 690956

Ion Ratio Lower Upper

154 100

153 113.2 89.1 133.7

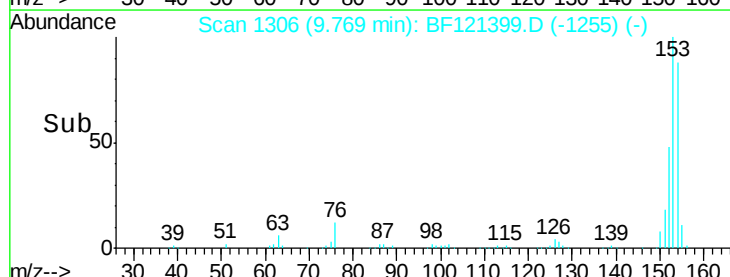
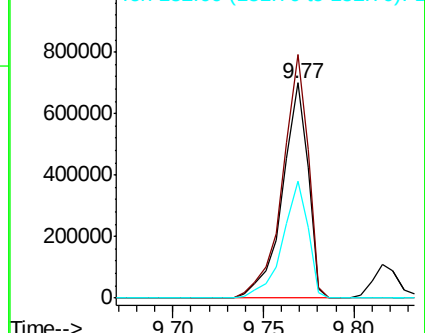
152 54.5 43.2 64.8

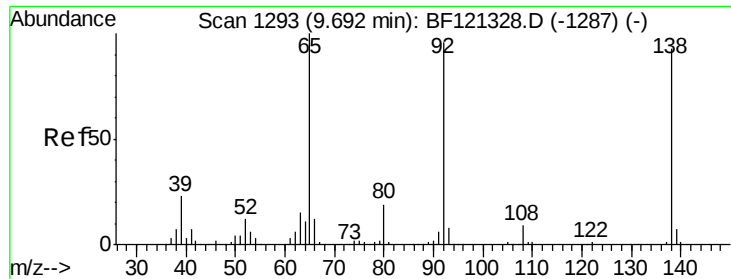


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

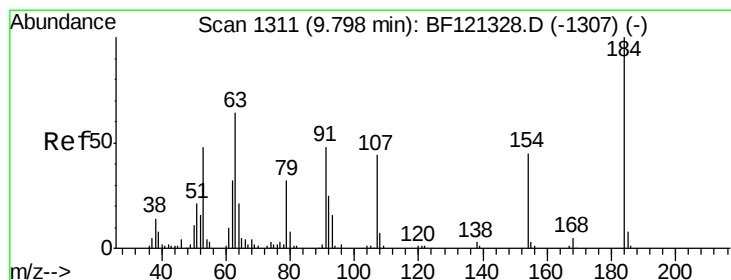
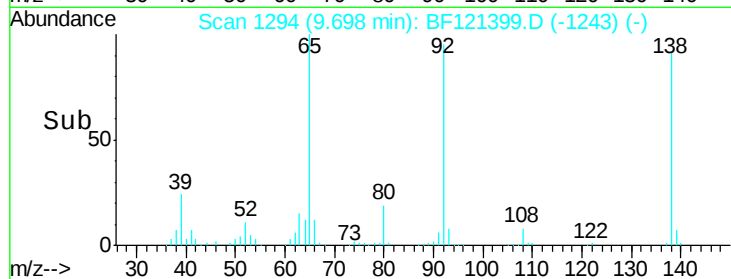
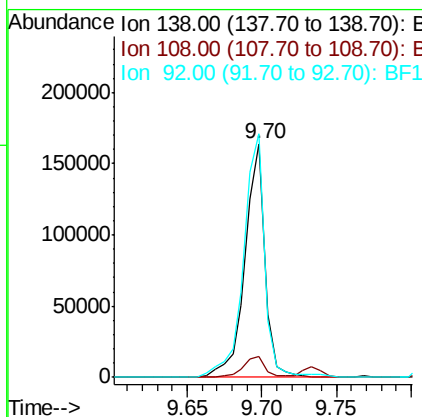
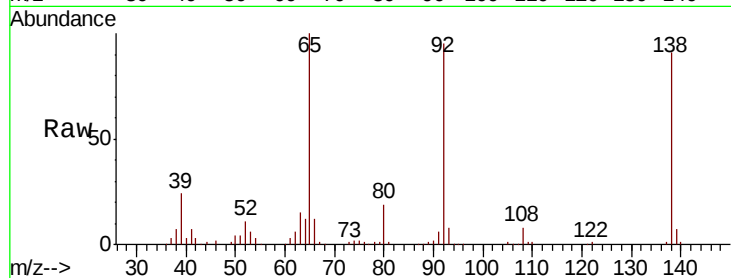




#53
3-Nitroaniline
Concen: 22.318 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

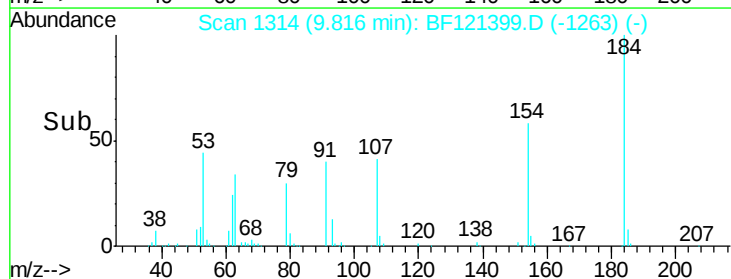
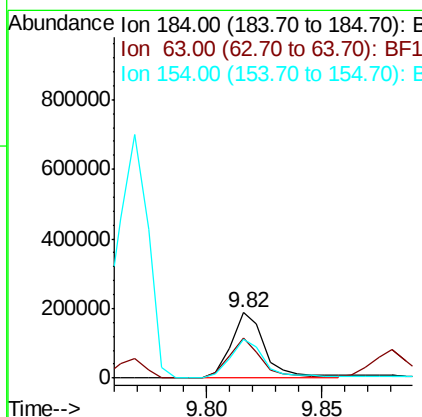
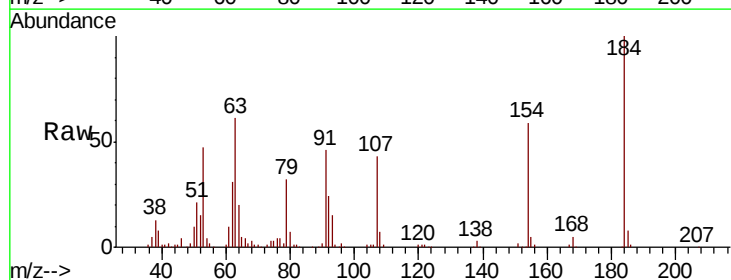
Instrument :
BNA_F
ClientSampleId :
PB131036BS

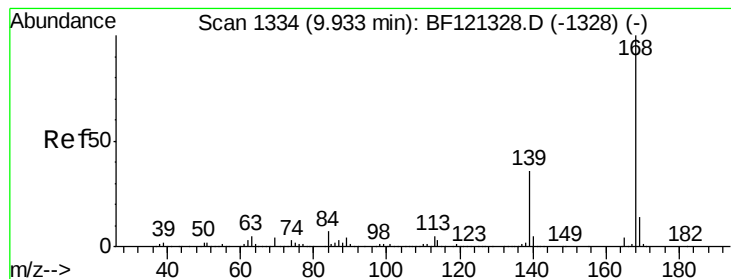
Tot Ion:138 Resp: 153217
Ion Ratio Lower Upper
138 100
108 9.2 7.9 11.9
92 104.1 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 73.326 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion:184 Resp: 194003
Ion Ratio Lower Upper
184 100
63 61.4 48.2 72.2
154 58.7 47.7 71.5





#55

Dibenzofuran

Concen: 39.319 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

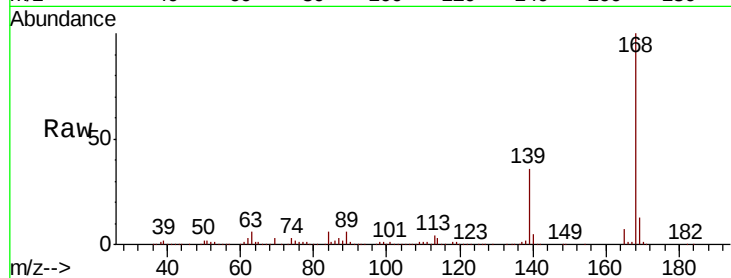
Tot Ion:168 Resp: 1004962

Ion Ratio Lower Upper

168 100

139 35.8 28.2 42.4

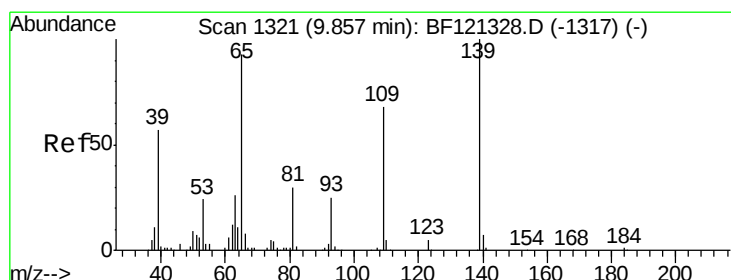
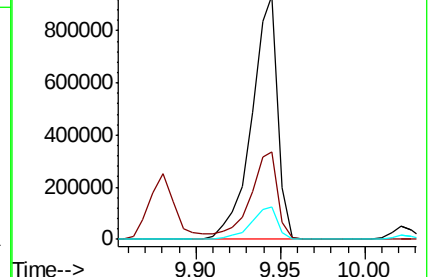
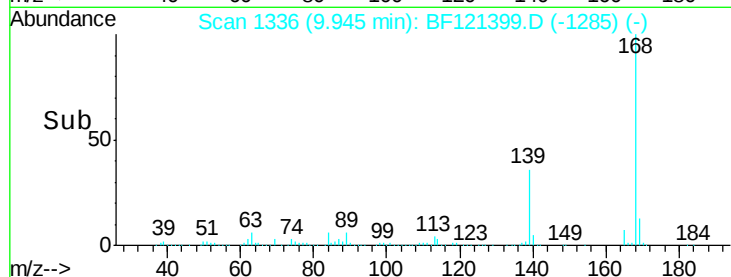
169 13.3 10.6 16.0



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: 62.614 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

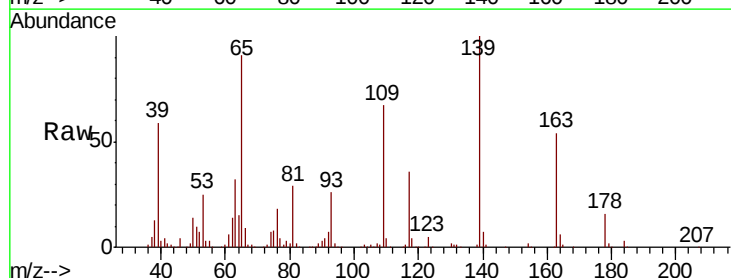
Tgt Ion:139 Resp: 265104

Ion Ratio Lower Upper

139 100

109 67.4 46.1 86.1

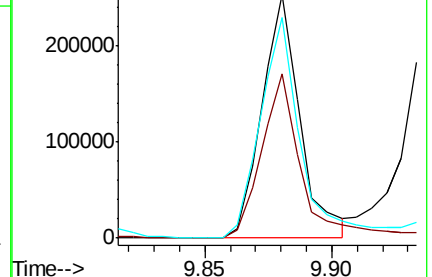
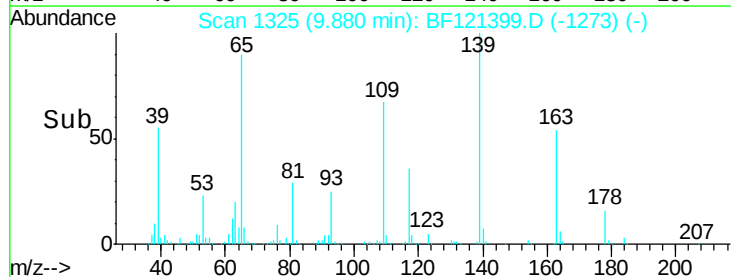
65 90.6 71.1 111.1

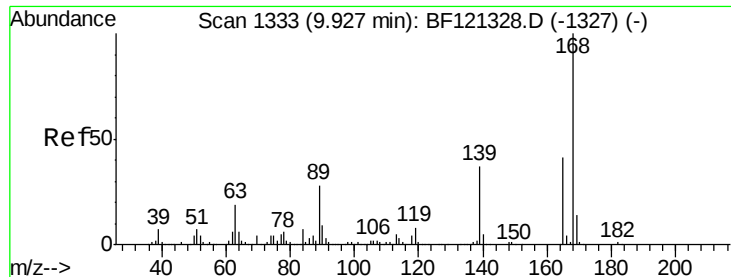


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

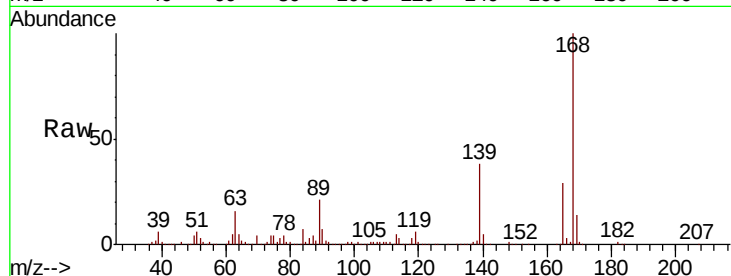




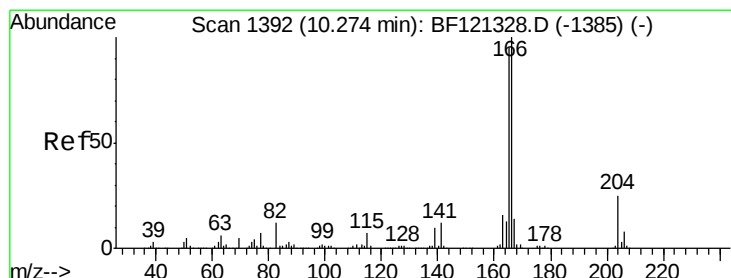
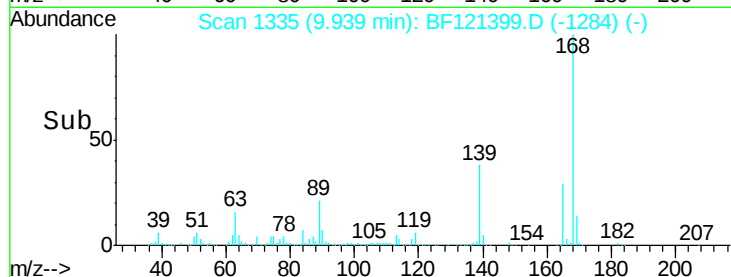
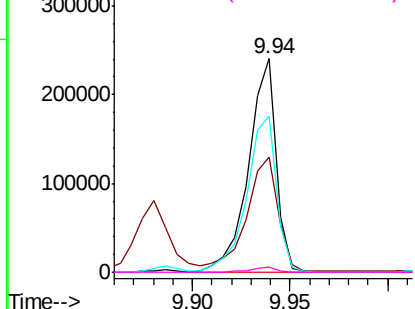
#57
2,4-Dinitrotoluene
Concen: 35.331 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion:	165	Resp:	236546
Ion	Ratio	Lower	Upper
165	100		
63	54.2	45.0	67.6
89	73.0	60.2	90.2
182	2.6	2.1	3.1

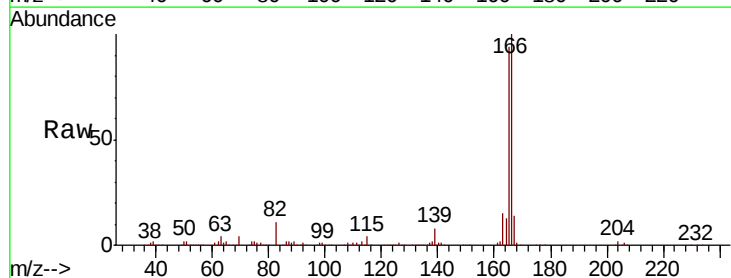


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

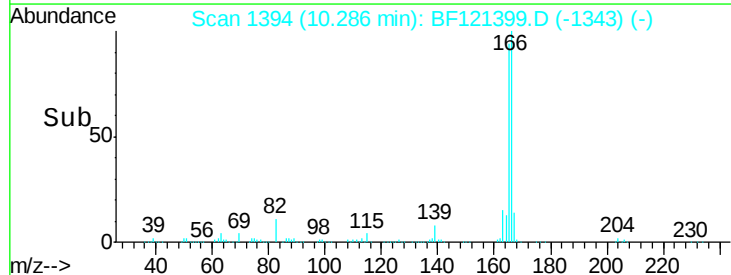
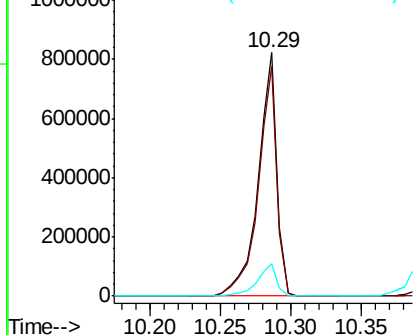


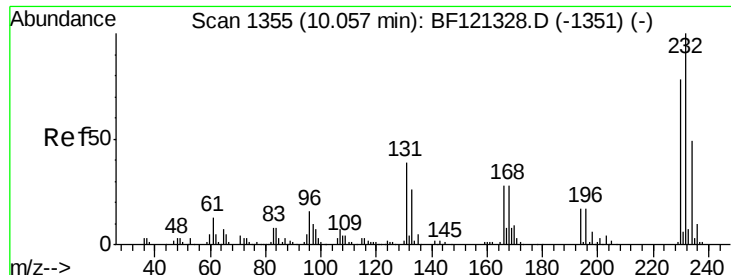
#58
Fluorene
Concen: 40.879 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion:	166	Resp:	765868
Ion	Ratio	Lower	Upper
166	100		
165	94.0	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

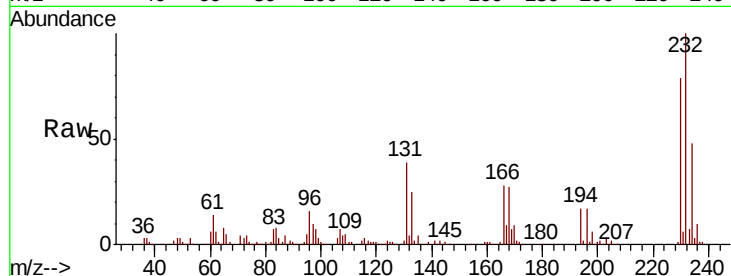




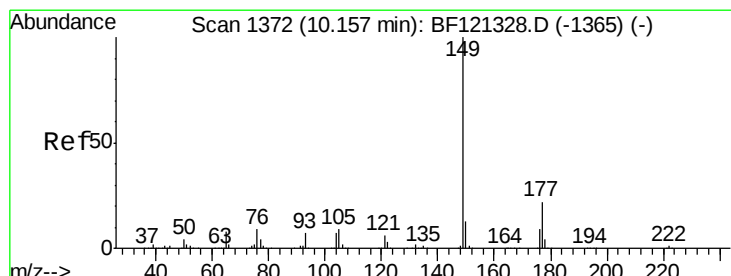
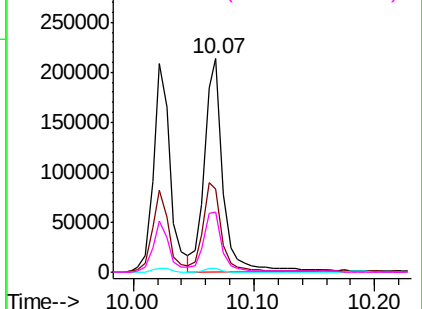
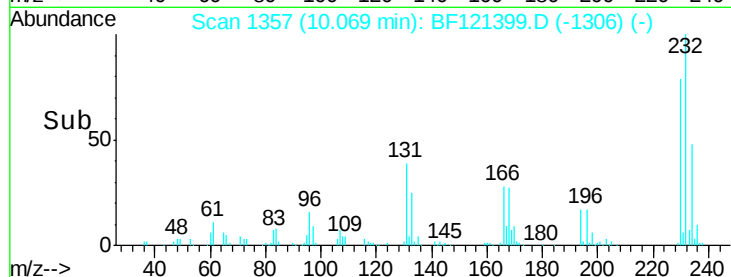
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.394 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

Tot Ion:232	Resp:	223095
Ion Ratio	Lower	Upper
232	100	
131	44.0	32.5 48.7
130	2.1	1.5 2.3
166	28.7	21.8 32.8

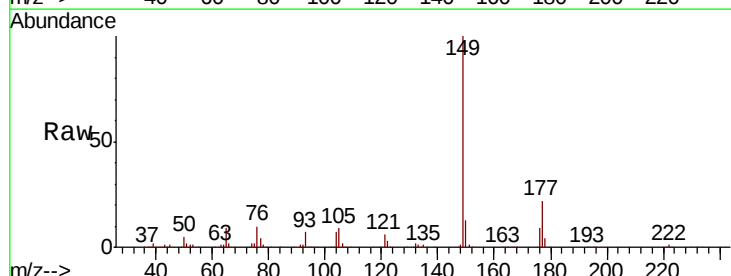


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

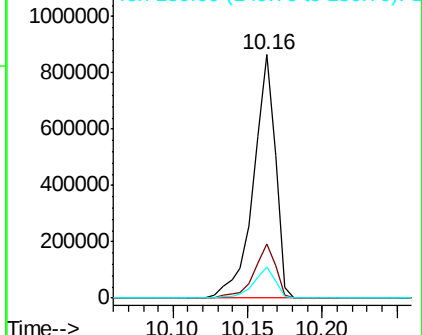
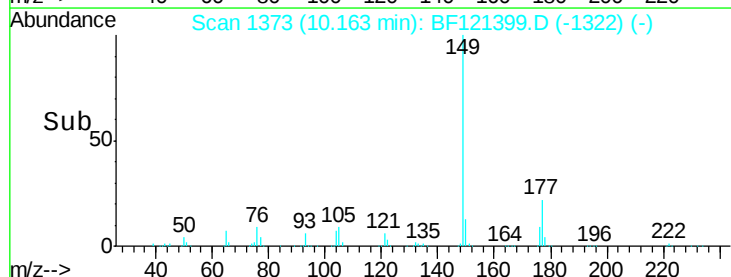


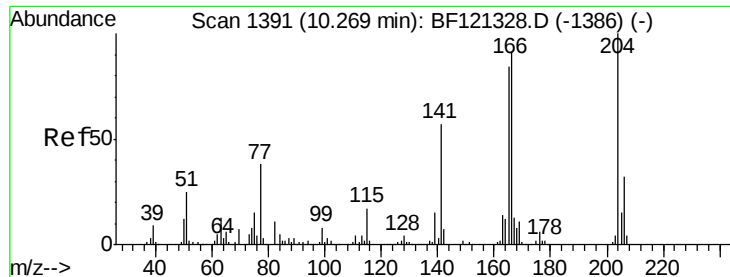
#60
 Diethylphthalate
 Concen: 34.724 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion:149	Resp:	871313
Ion Ratio	Lower	Upper
149	100	
177	22.0	17.8 26.6
150	12.8	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

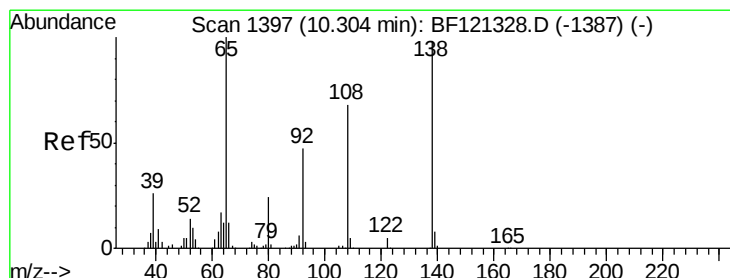
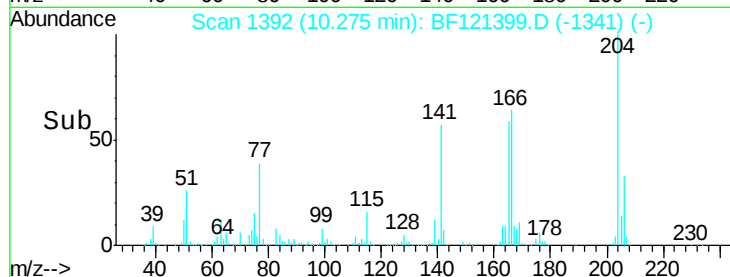
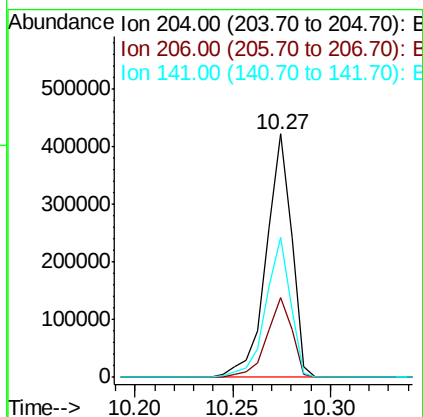
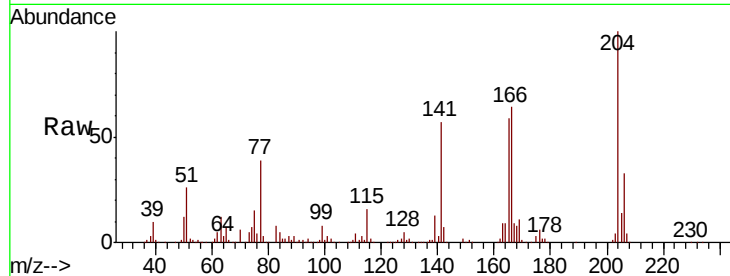




#61
4-Chlorophenyl-phenylether
Concen: 40.150 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

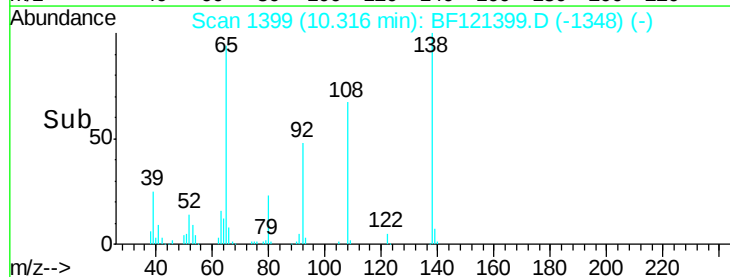
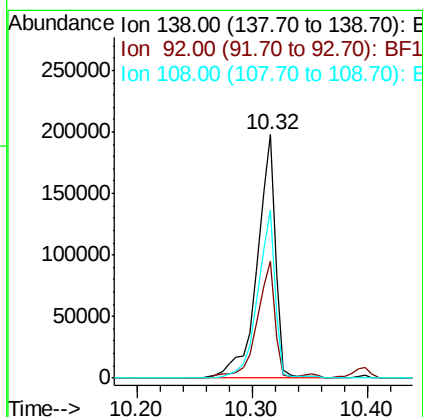
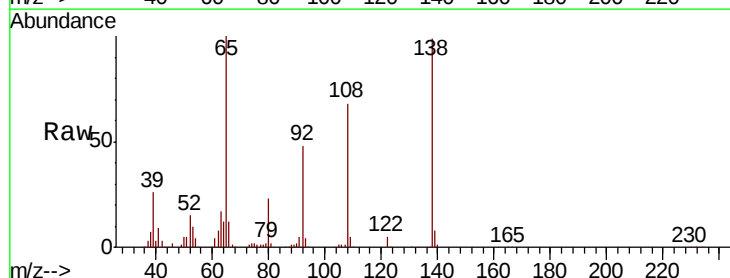
Instrument :
BNA_F
ClientSampleId :
PB131036BS

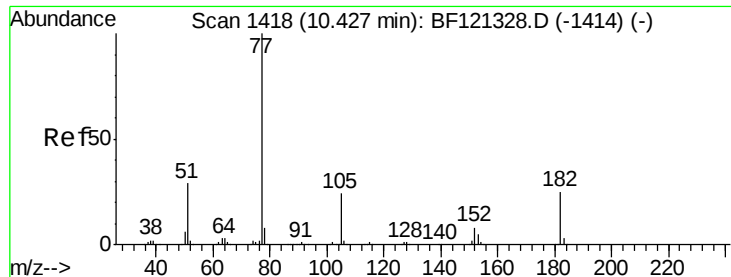
Tot Ion:204 Resp: 379882
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.4
141 57.4 46.2 69.4



#62
4-Nitroaniline
Concen: 31.528 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion:138 Resp: 221778
Ion Ratio Lower Upper
138 100
92 47.9 26.6 66.6
108 68.8 48.9 88.9

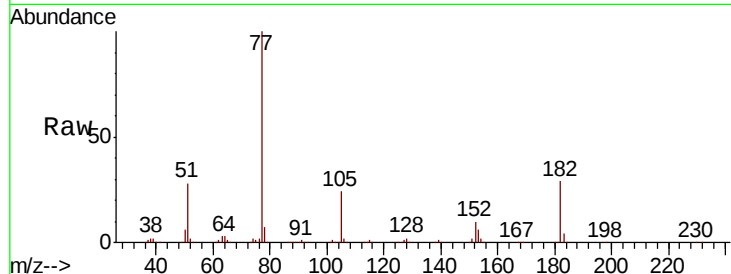




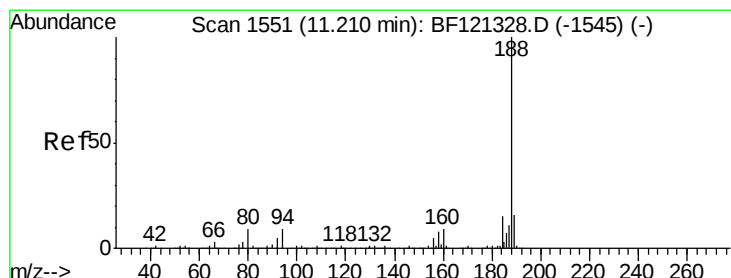
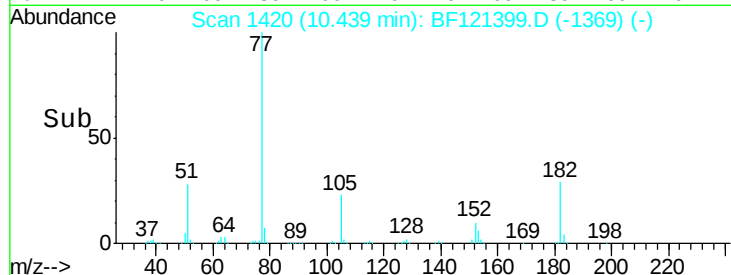
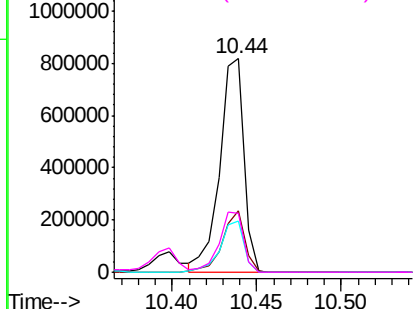
#63
Azobenzene
Concen: 35.091 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion:	77	Resp:	817845
Ion	Ratio	Lower	Upper
77	100		
182	29.1	7.7	47.7
105	23.9	3.8	43.8
51	27.7	8.0	48.0

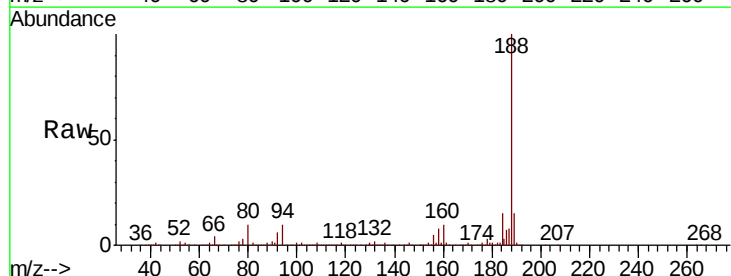


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

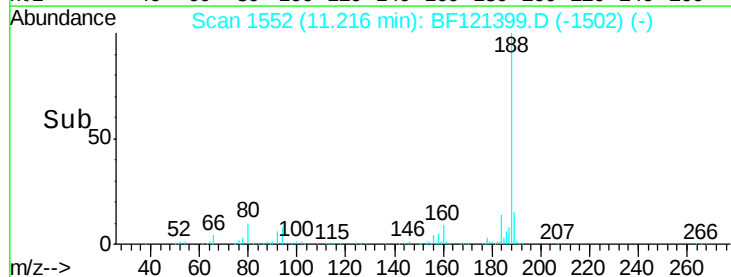
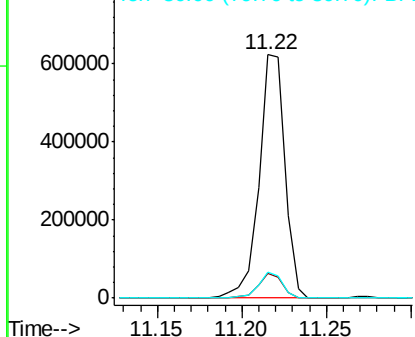


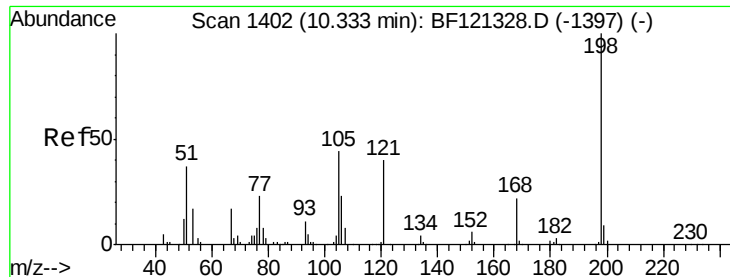
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion:	188	Resp:	662656
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.1	10.7
80	10.5	7.1	10.7



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

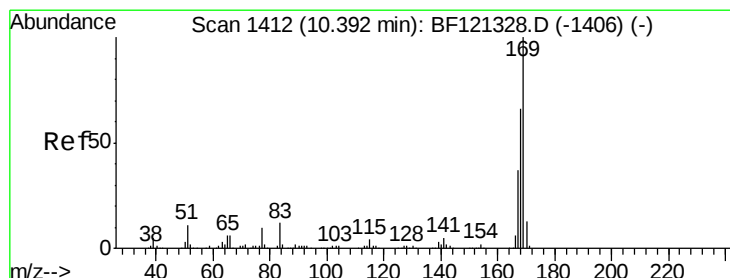
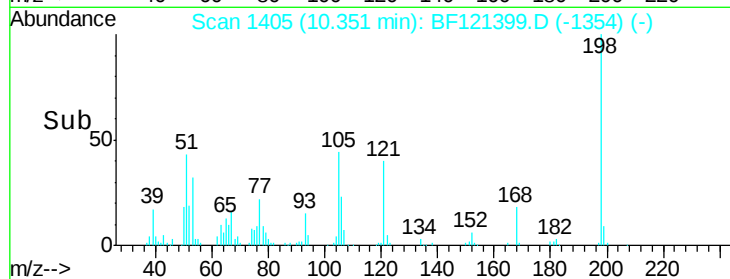
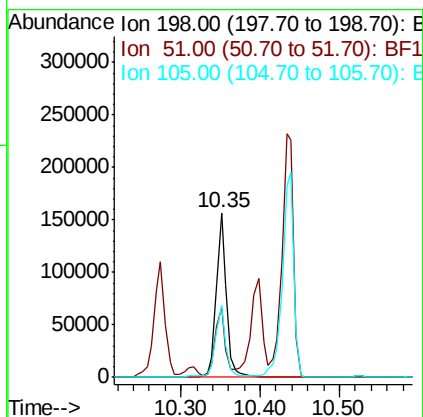
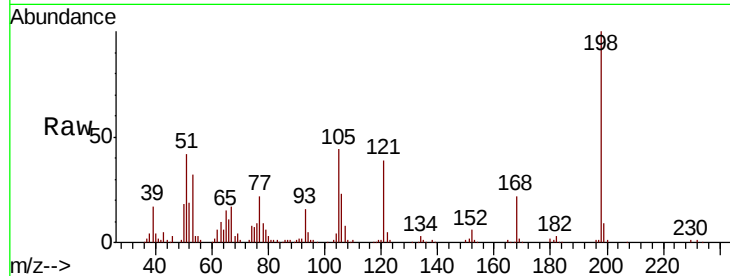




#65
4,6-Dinitro-2-methylphenol
Concen: 40.330 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

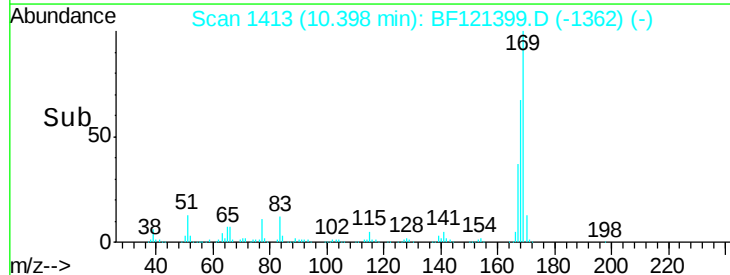
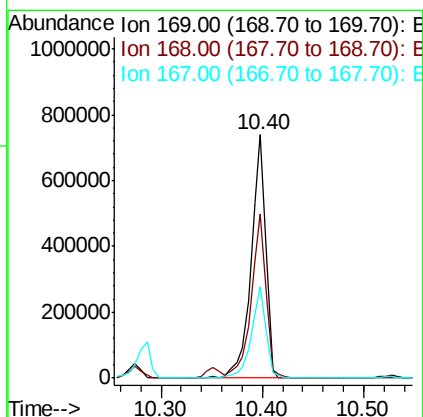
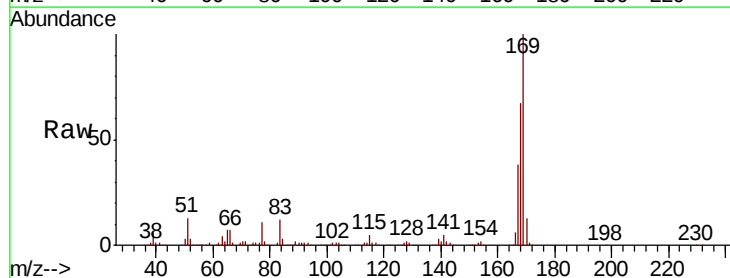
Instrument :
BNA_F
ClientSampleId :
PB131036BS

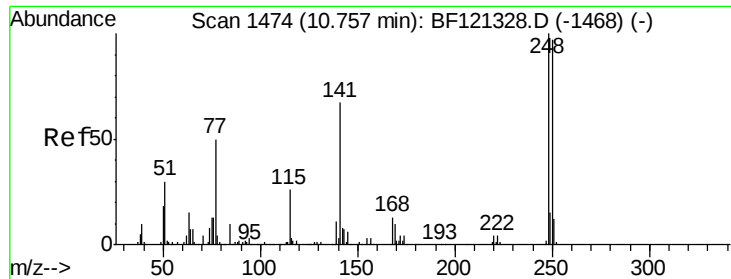
Tot Ion:198 Resp: 142922
Ion Ratio Lower Upper
198 100
51 42.4 23.9 63.9
105 43.6 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 36.191 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion:169 Resp: 739749
Ion Ratio Lower Upper
169 100
168 67.3 53.9 80.9
167 37.5 29.9 44.9

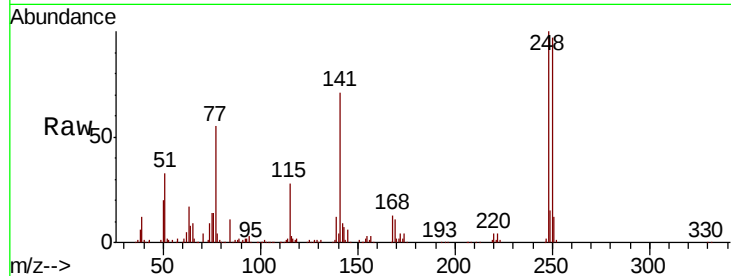




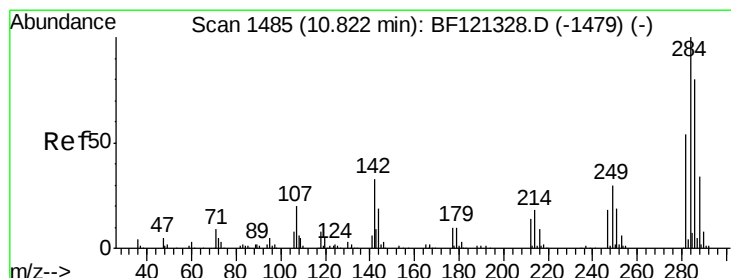
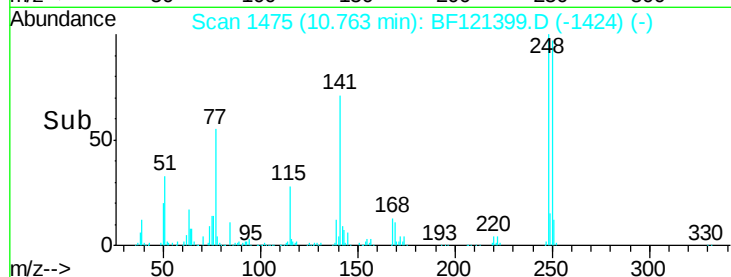
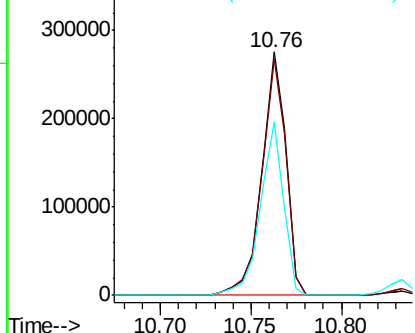
#67
4-Bromophenyl-phenylether
Concen: 34.799 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.0	115.6
141	71.1	57.4	86.2

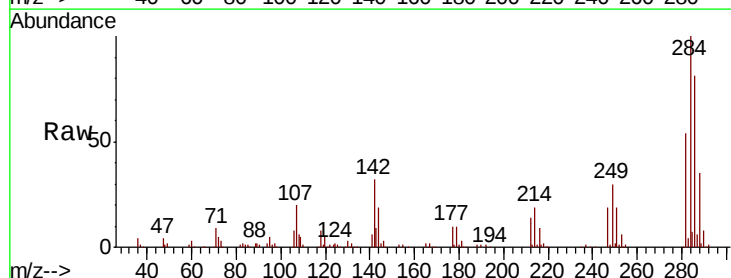


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

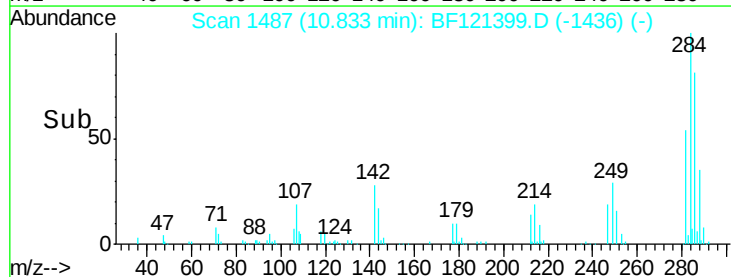
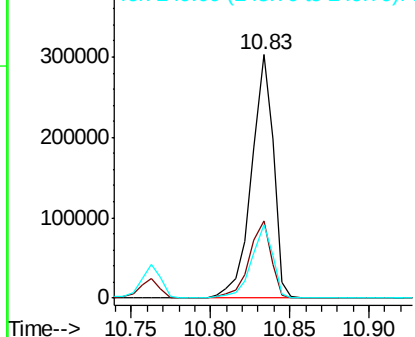


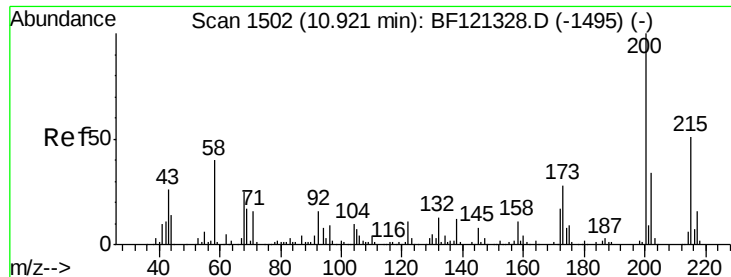
#68
Hexachlorobenzene
Concen: 34.236 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	26.5	39.7
249	29.9	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

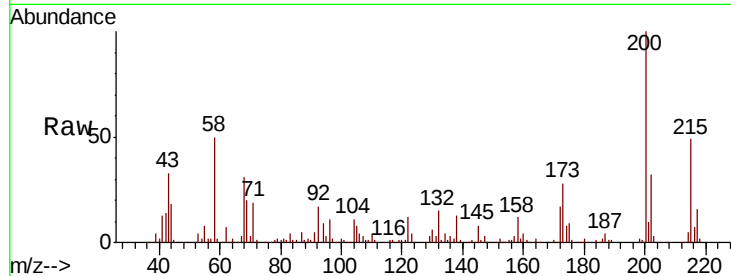




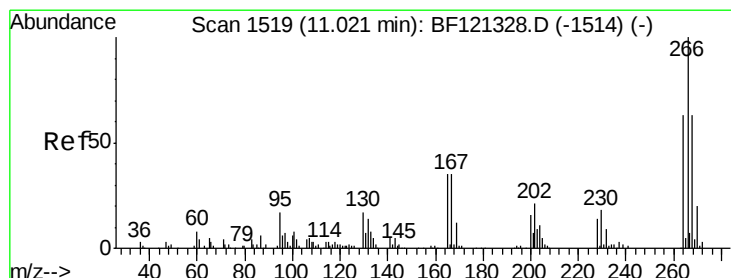
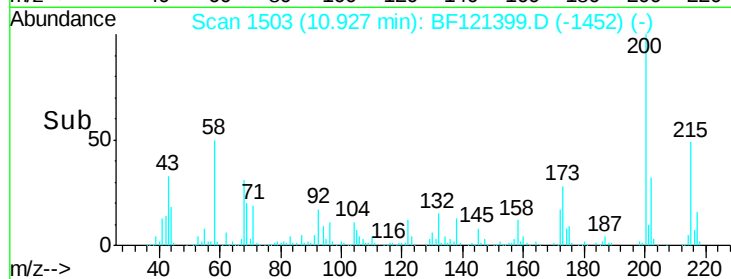
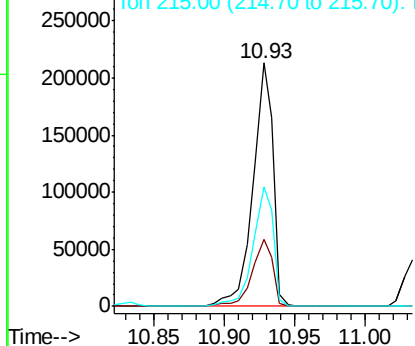
#69
Atrazine
Concen: 33.754 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampled :
PB131036BS

Tot Ion:200 Resp: 213728
Ion Ratio Lower Upper
200 100
173 27.7 8.5 48.5
215 49.2 30.3 70.3

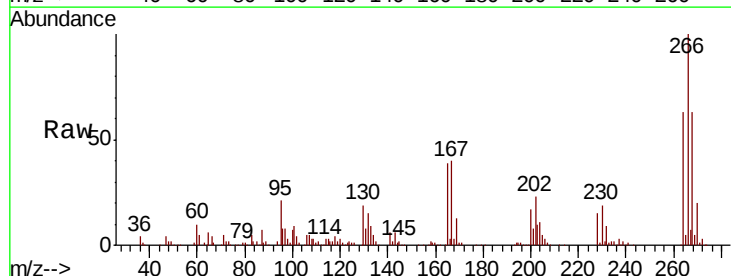


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

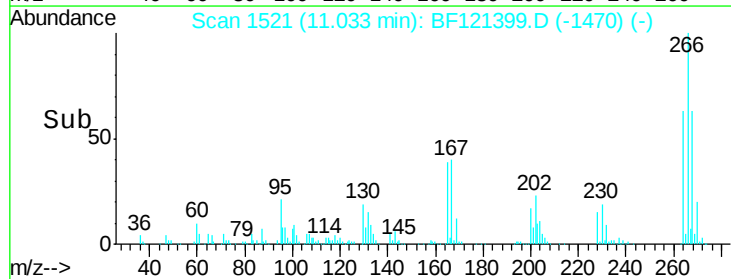
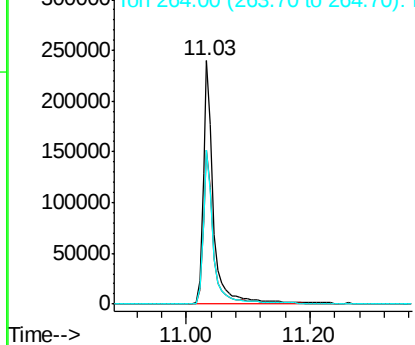


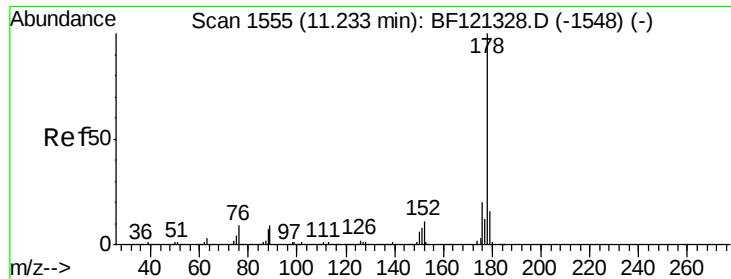
#70
Pentachlorophenol
Concen: 75.245 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion:266 Resp: 283665
Ion Ratio Lower Upper
266 100
268 63.2 50.3 75.5
264 63.1 50.3 75.5



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 33.368 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

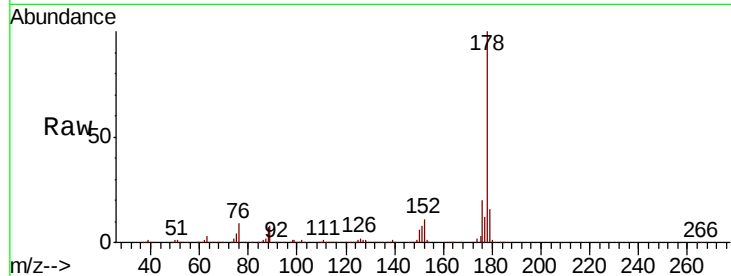
Tot Ion:178 Resp: 1144383

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

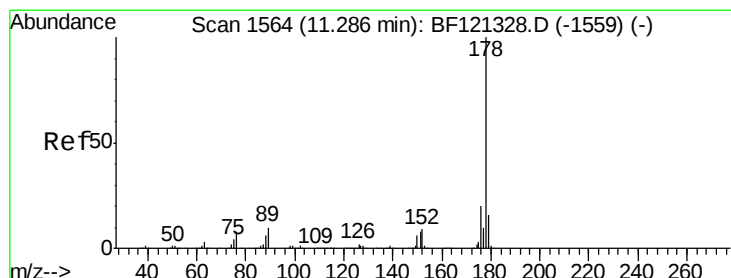
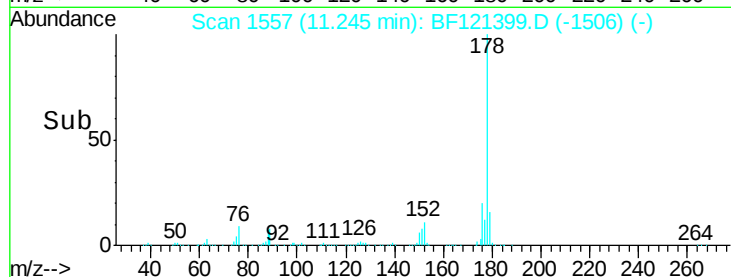
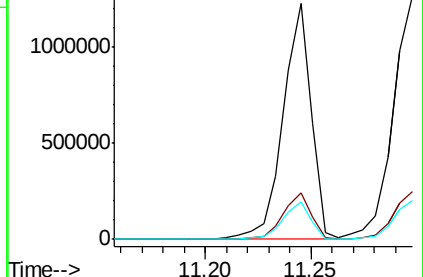
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.466 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

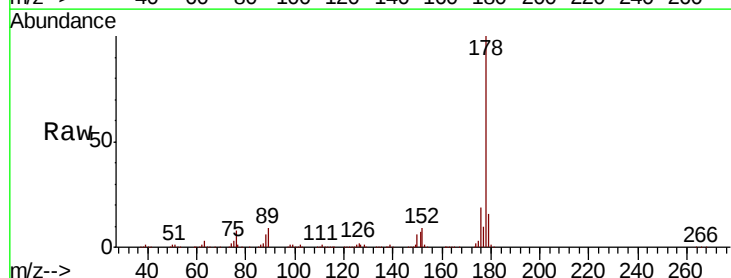
Tgt Ion:178 Resp: 1204335

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

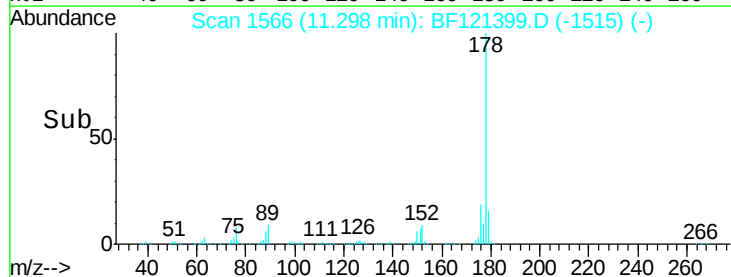
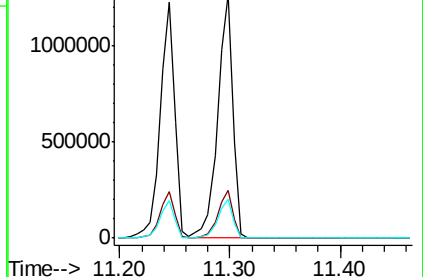
179 15.8 12.6 18.8

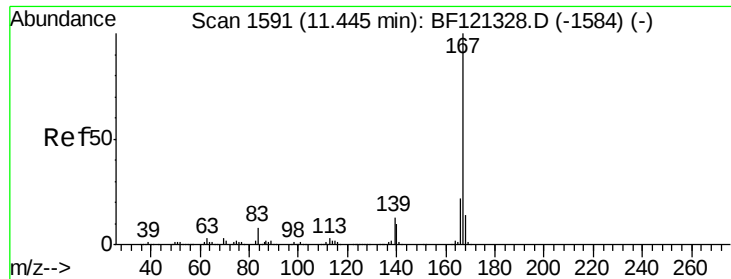


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

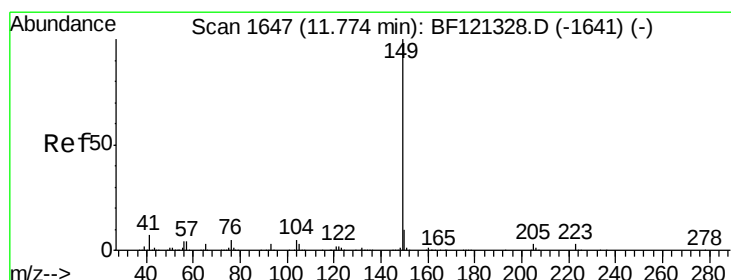
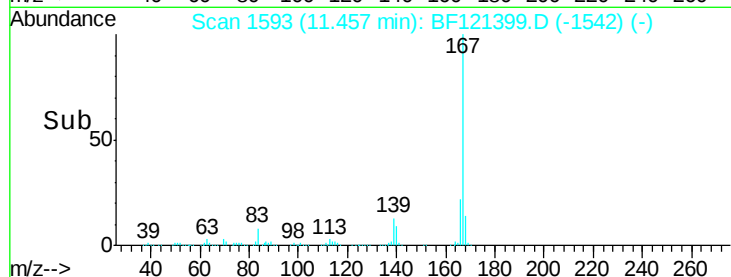
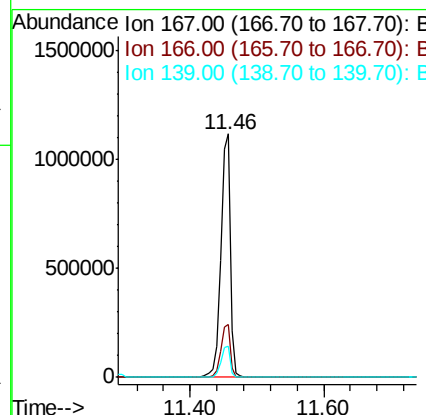
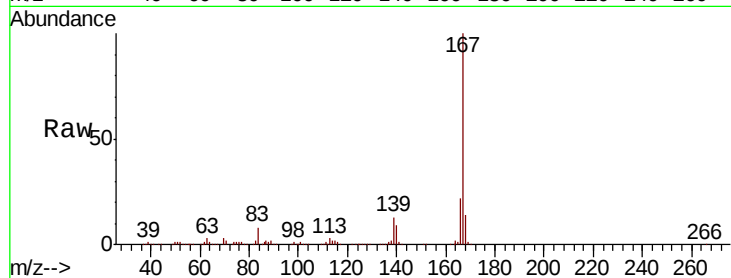




#73
 Carbazole
 Concen: 35.683 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

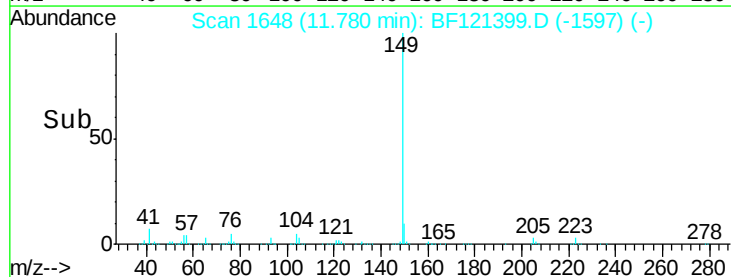
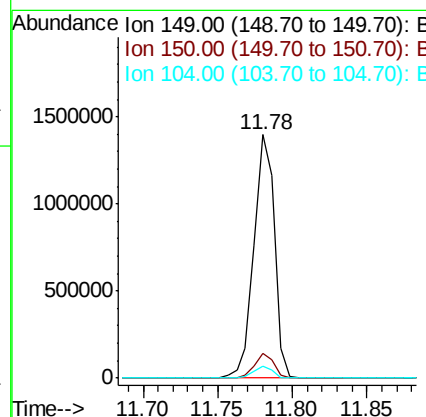
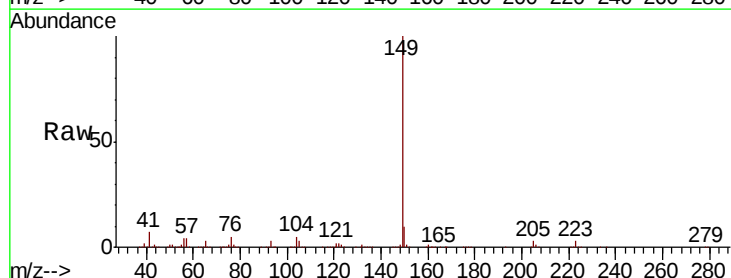
Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

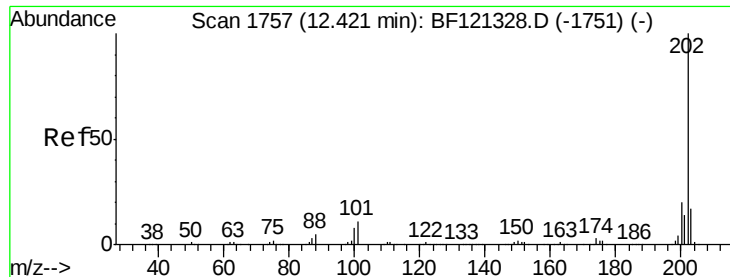
Tot Ion:167 Resp: 1124684
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.6
 139 12.7 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 34.715 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion:149 Resp: 1319408
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 4.8 3.9 5.9

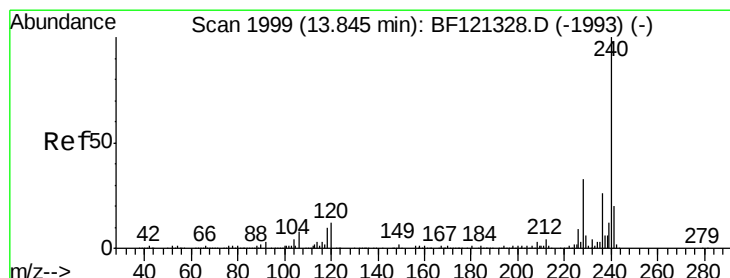
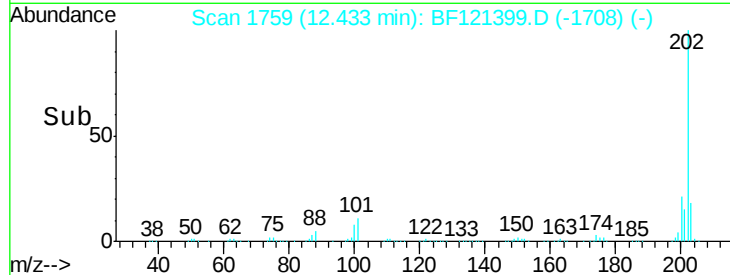
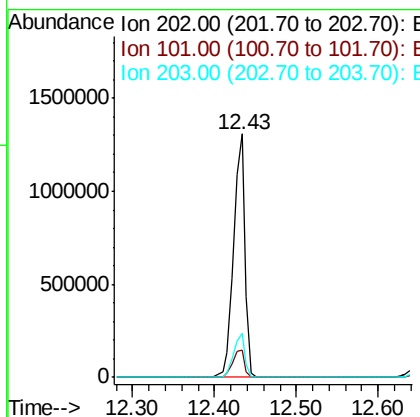
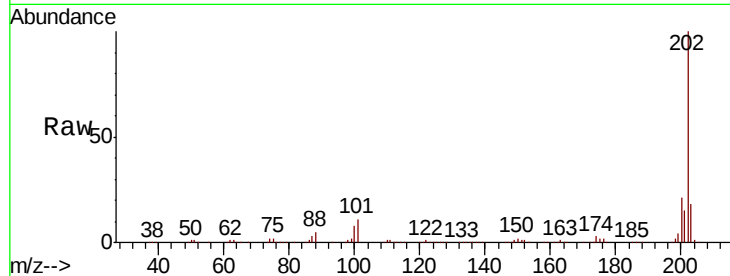




#75
 Fluoranthene
 Concen: 34.063 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

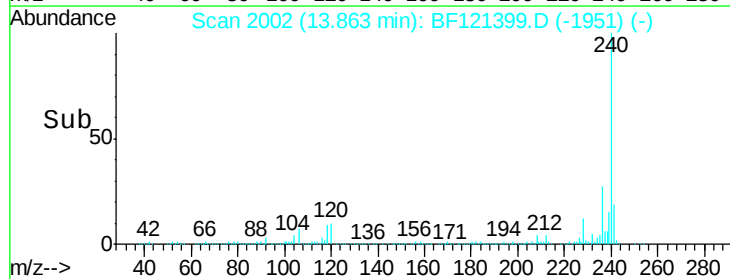
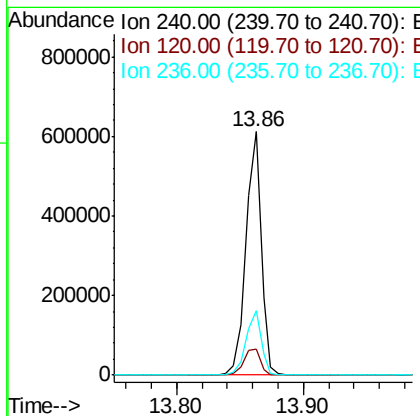
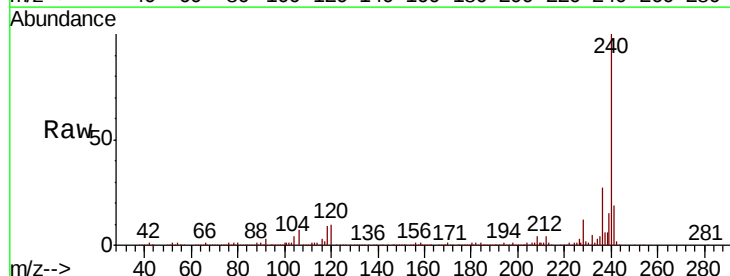
Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

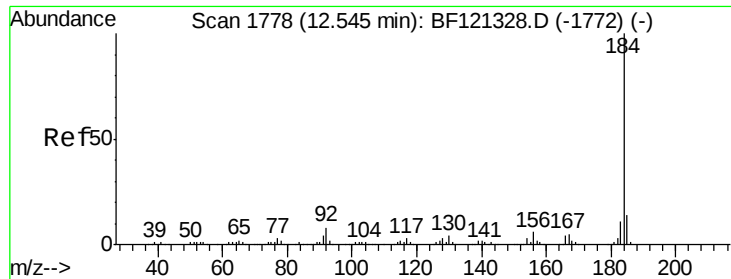
Tot Ion:202 Resp: 1268001
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 31.0
 203 18.0 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion:240 Resp: 509595
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.7 13.1
 236 26.7 21.0 31.4





#77

Benzidine

Concen: 52.618 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

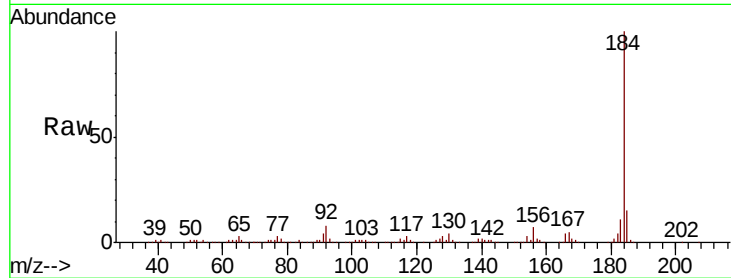
Tot Ion:184 Resp: 738743

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

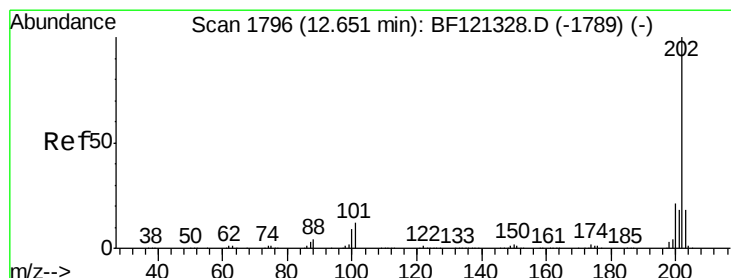
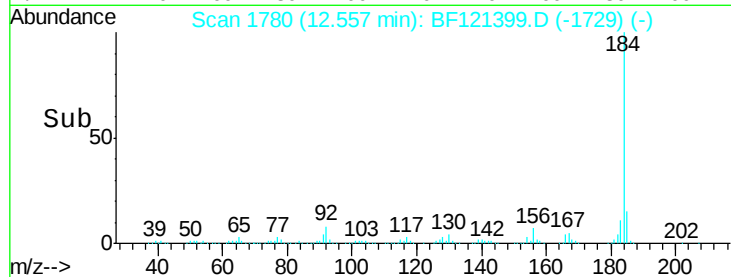
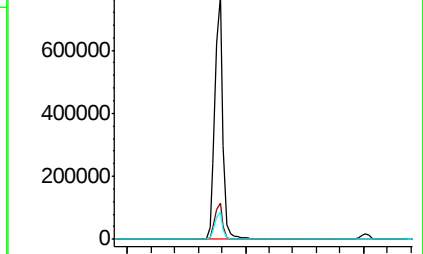
183 11.1 9.0 13.4



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: 34.117 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

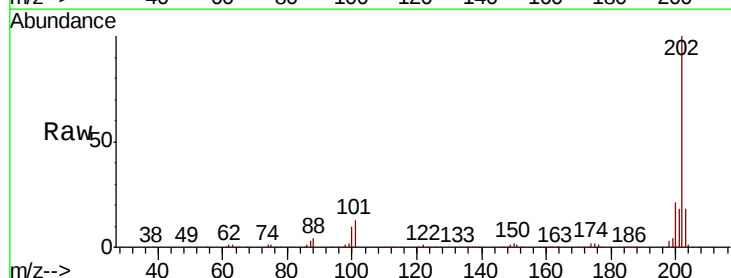
Tgt Ion:202 Resp: 1305992

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

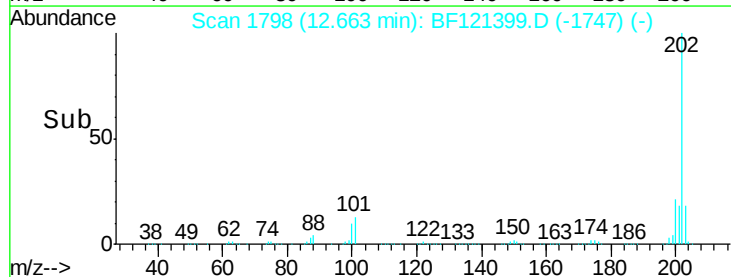
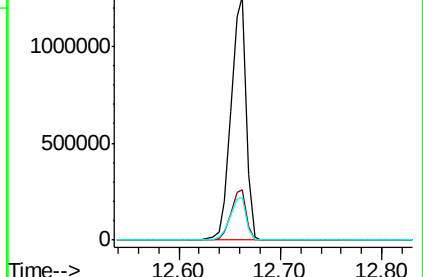
203 17.8 14.1 21.1

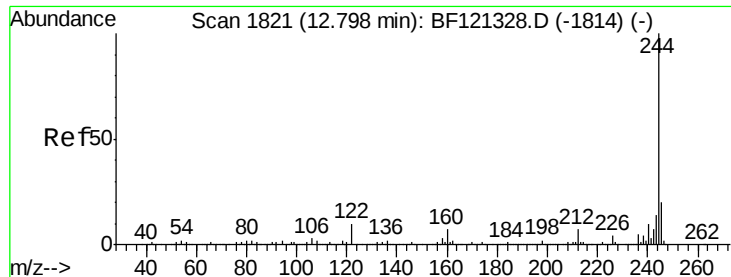


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.694 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

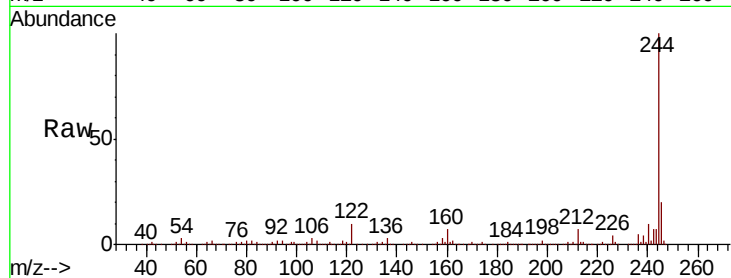
Tot Ion:244 Resp: 1556680

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

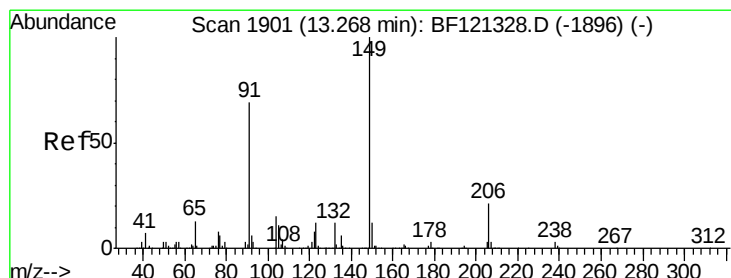
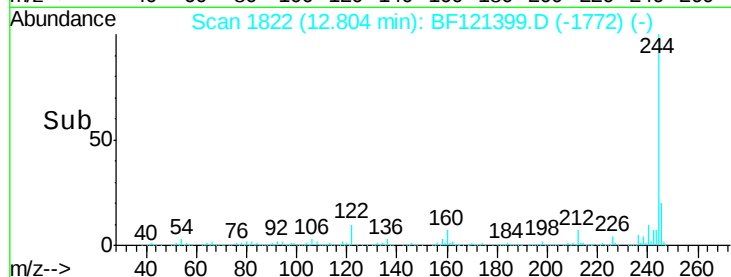
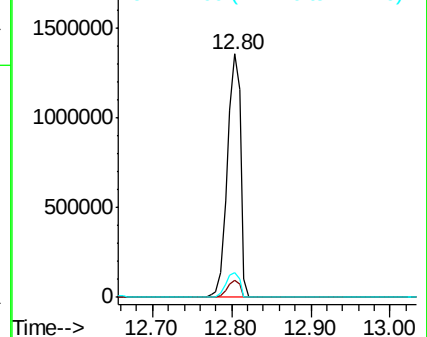
122 10.3 7.7 11.5



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: 34.393 ng

RT: 13.28 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

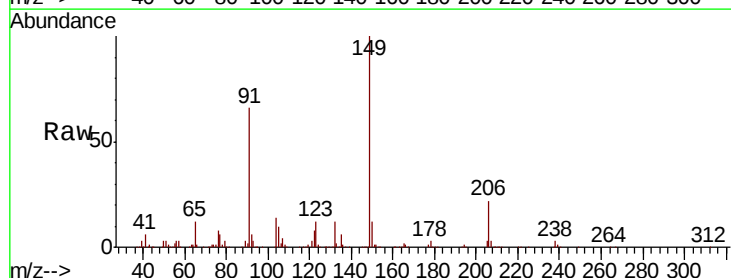
Tgt Ion:149 Resp: 565708

Ion Ratio Lower Upper

149 100

91 65.5 52.2 78.4

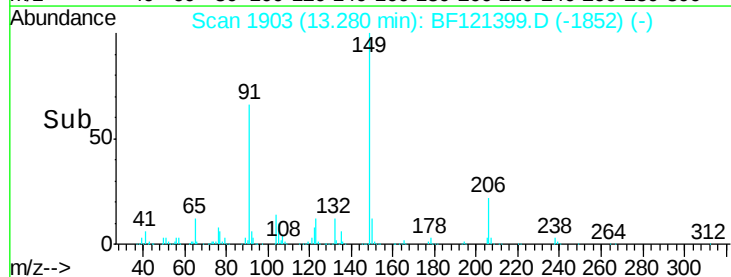
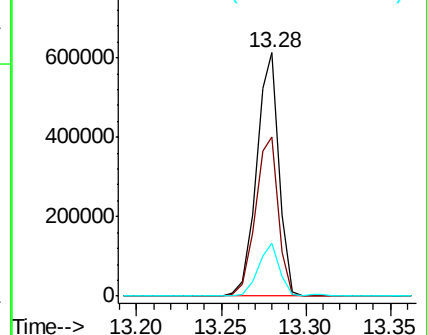
206 21.7 17.8 26.6

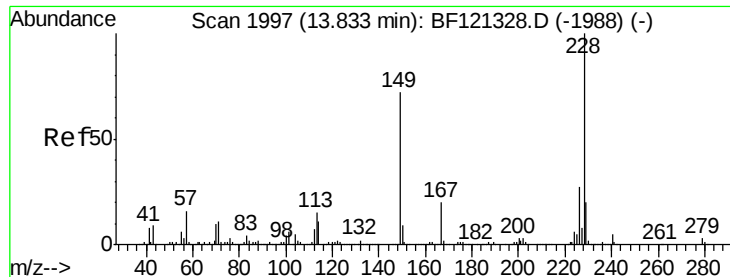


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.183 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

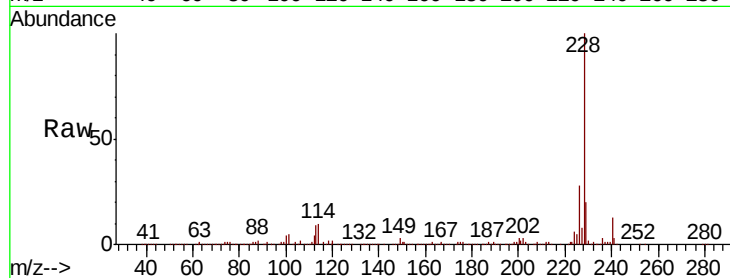
BNA_F

ClientSampleId :

PB131036BS

Tot Ion:228 Resp: 1081947

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	34.0
229	20.1	16.1	24.1

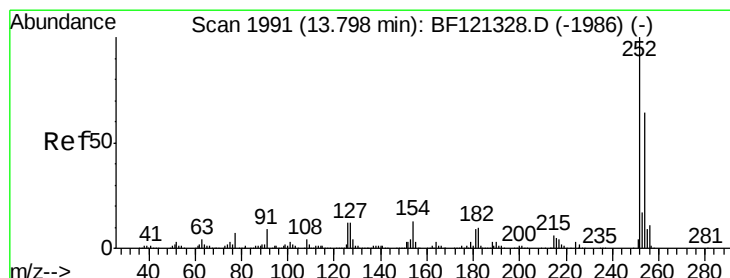
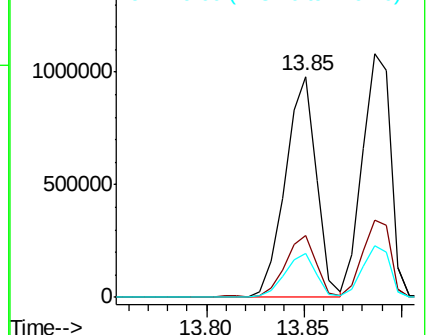
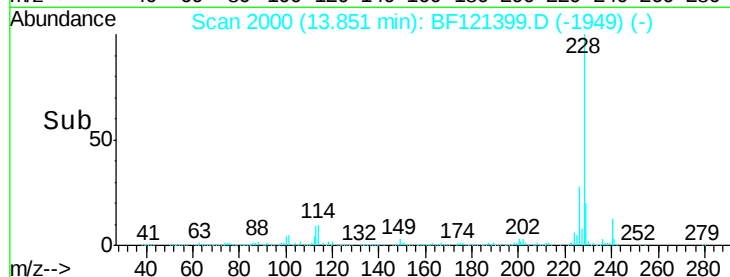


Abundance

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: 27.520 ng

RT: 13.81 min Scan# 1993

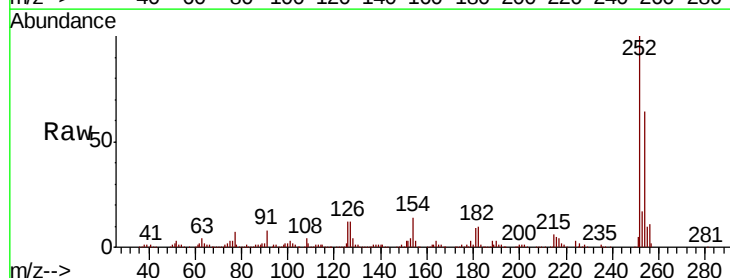
Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Tgt Ion:252 Resp: 334441

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.5	77.3
126	12.1	8.2	12.4

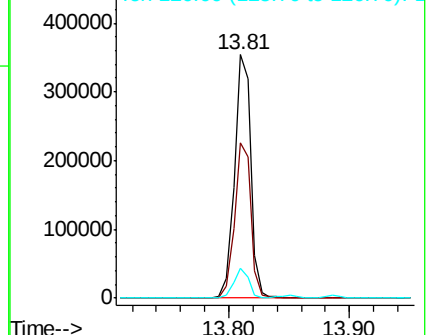
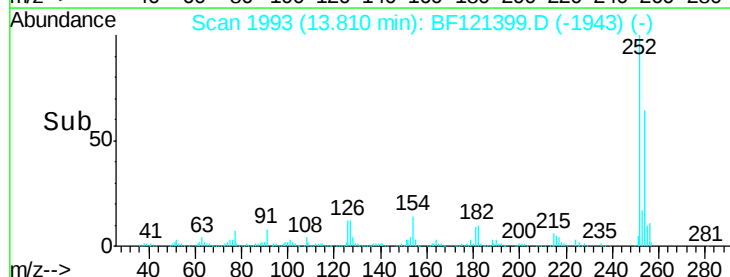


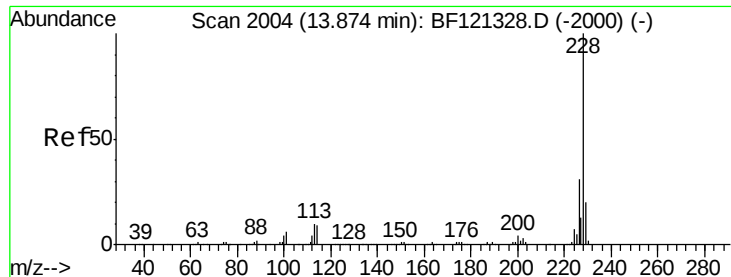
Abundance

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

Chrvsene

Concen: 33.669 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

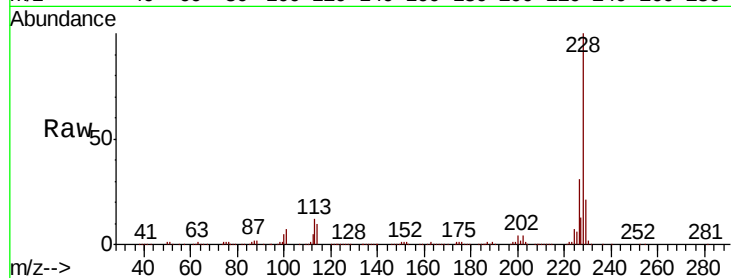
Tot Ion:228 Resp: 1089919

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

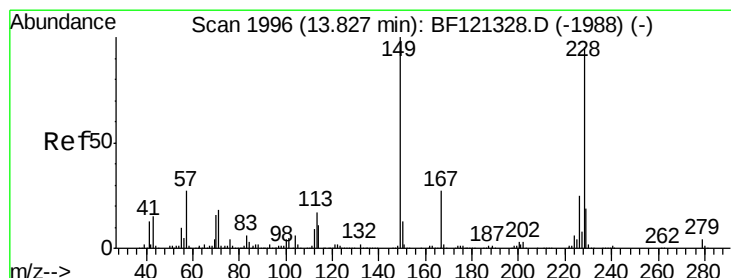
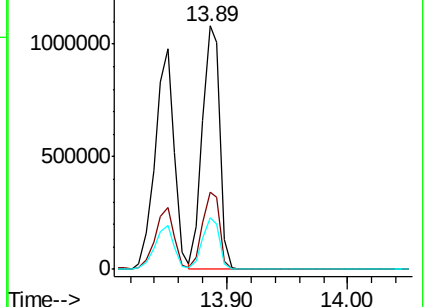
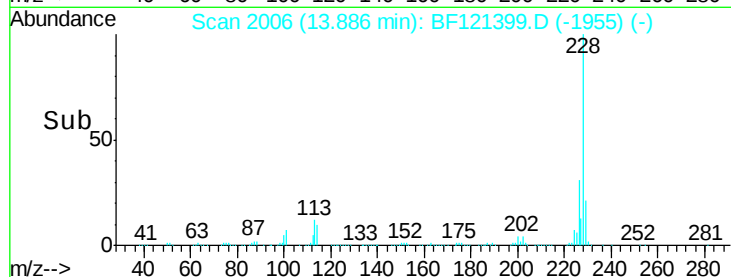
229 20.9 16.5 24.7



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: 36.022 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

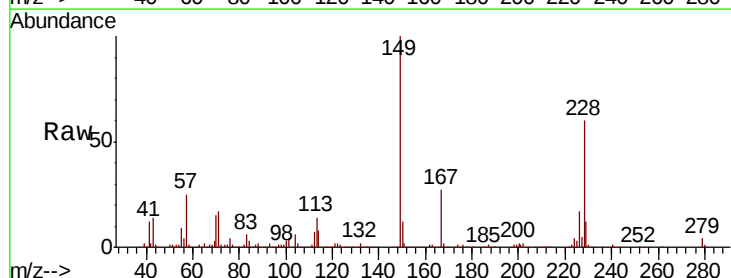
Tgt Ion:149 Resp: 696783

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

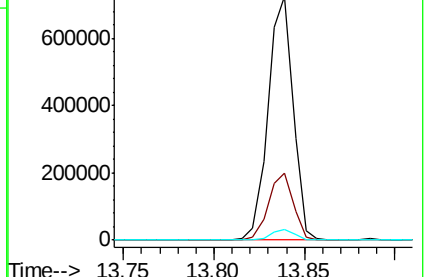
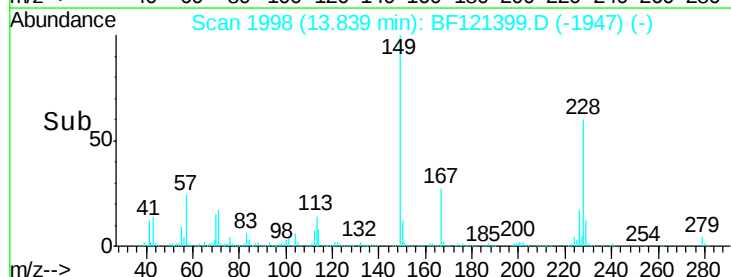
279 4.4 3.6 5.4

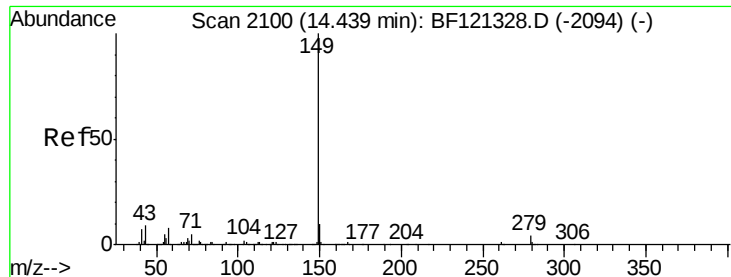


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

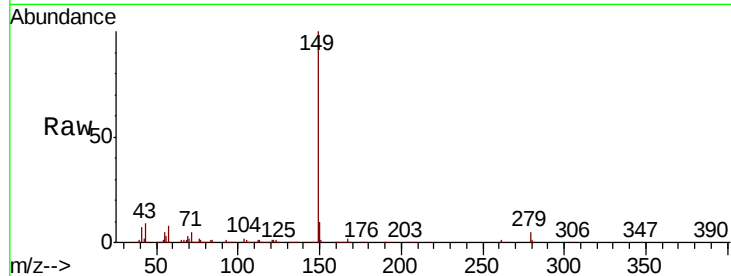




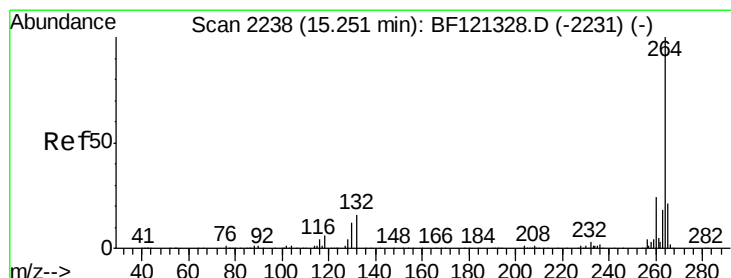
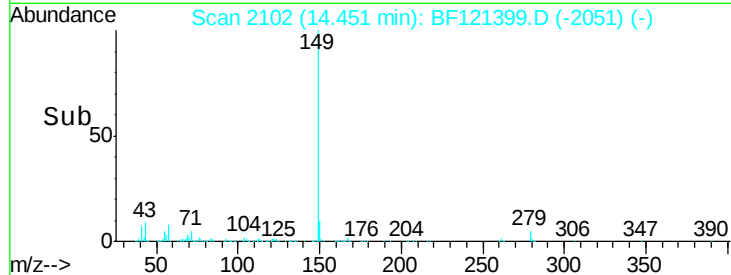
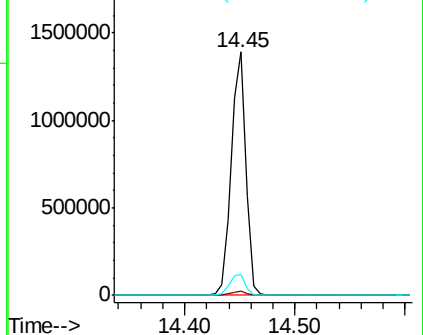
#85
Di-n-octyl phthalate
Concen: 36.154 ng
RT: 14.45 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion:149 Resp: 1294218
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.4 11.0

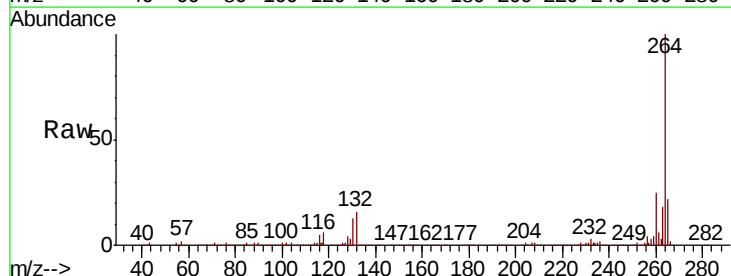


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

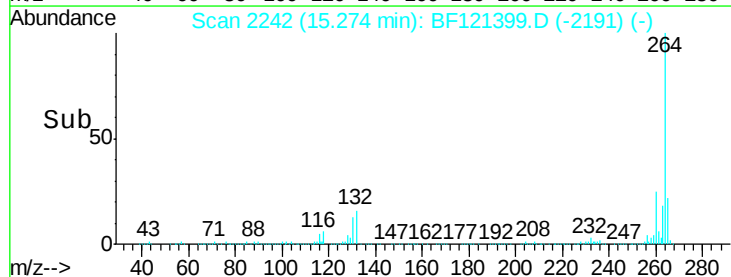
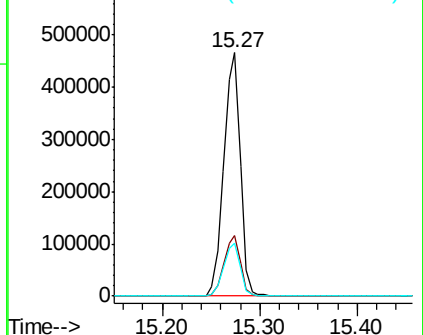


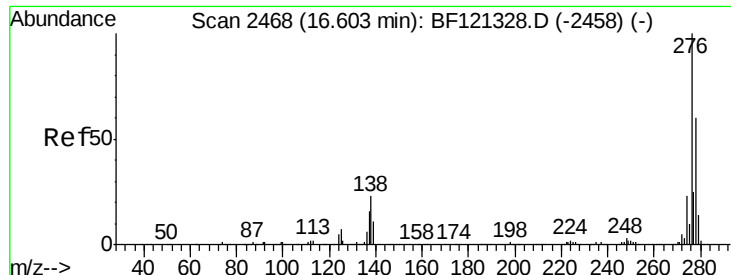
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion:264 Resp: 546613
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.6 17.3 25.9



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



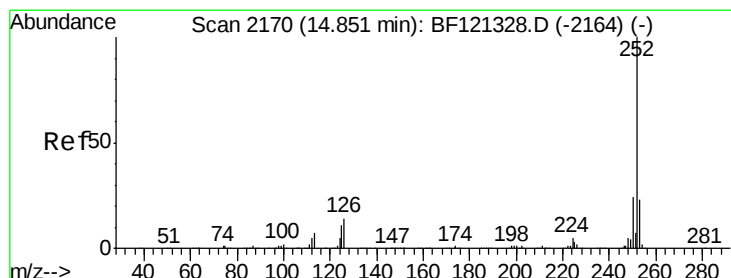
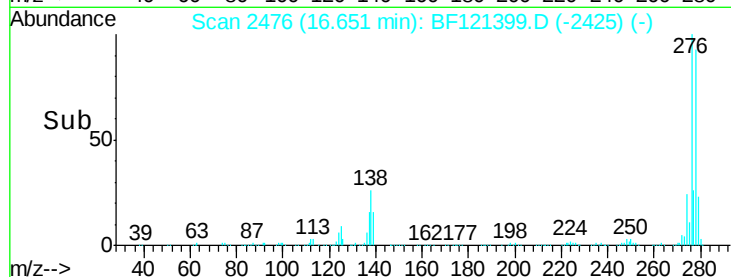
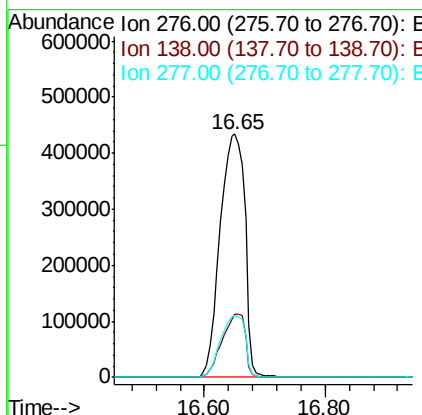
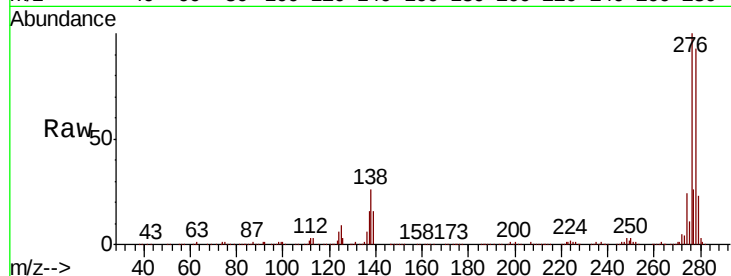


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.158 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

Tot Ion:276 Resp: 1239847

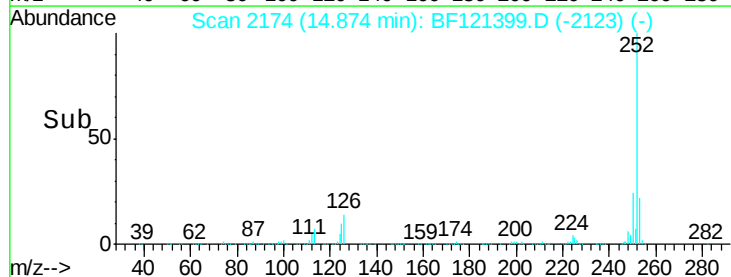
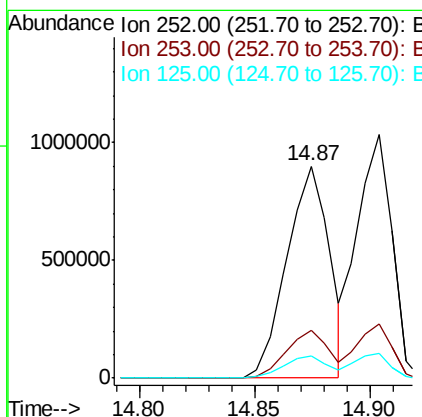
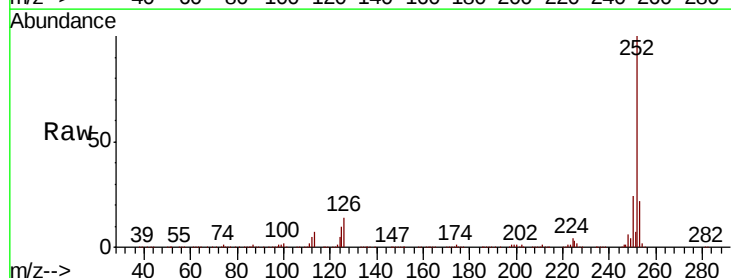
Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.4	29.2
277	25.3	20.2	30.4

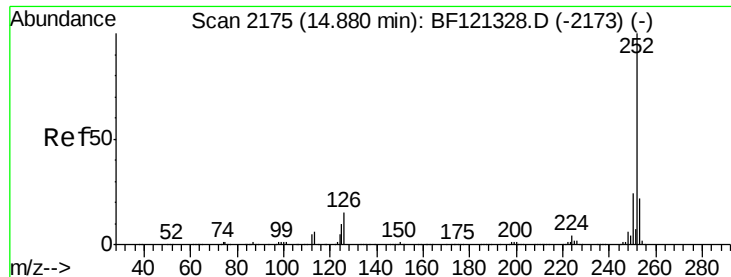


#88
 Benzo(b)fluoranthene
 Concen: 32.718 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion:252 Resp: 1155372

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.5	8.3	12.5

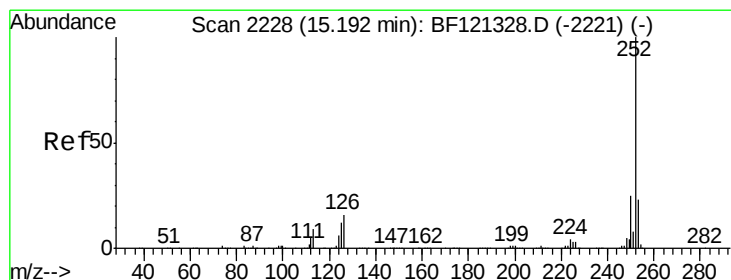
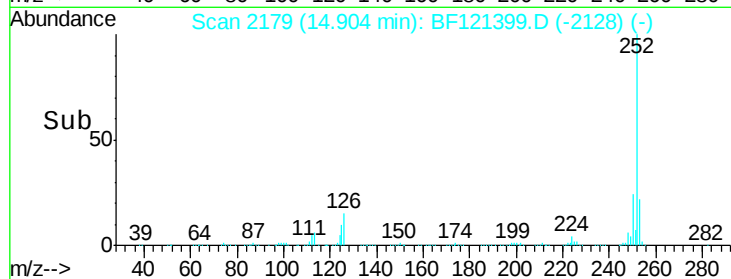
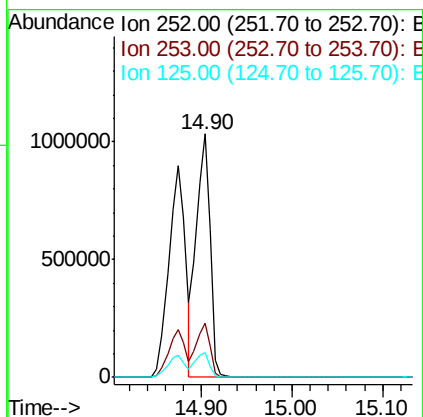
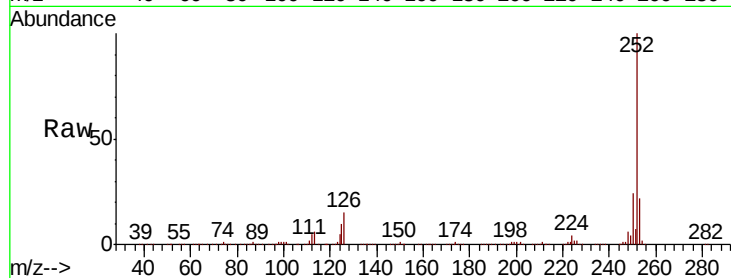




#89
Benzo(k)fluoranthene
Concen: 34.958 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

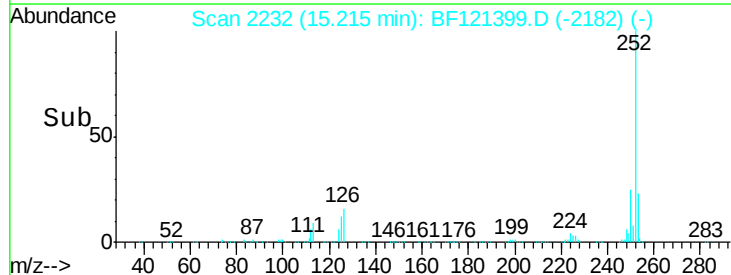
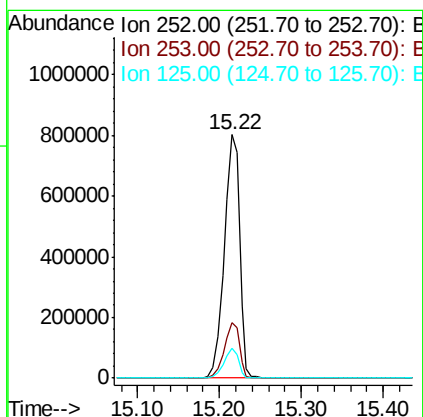
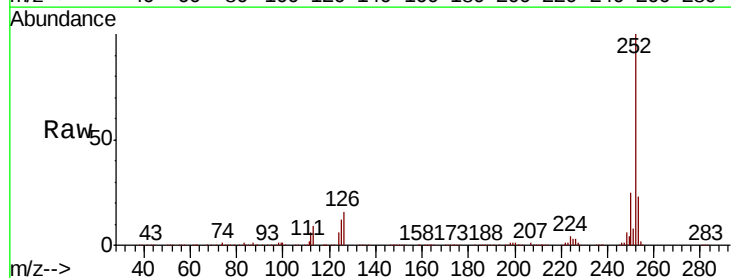
Instrument :
BNA_F
ClientSampleId :
PB131036BS

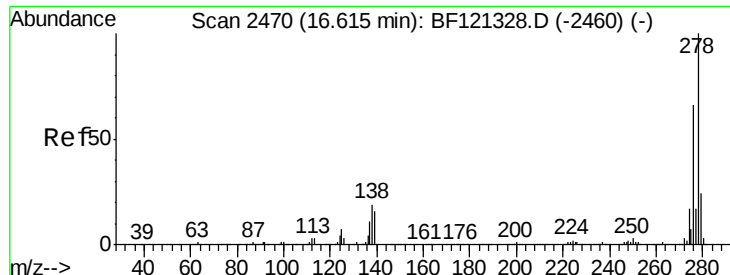
Tot Ion:252 Resp: 1086681
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 10.3 8.4 12.6



#90
Benzo(a)pyrene
Concen: 34.213 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion:252 Resp: 1043927
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 12.1 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 37.167 ng

RT: 16.66 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

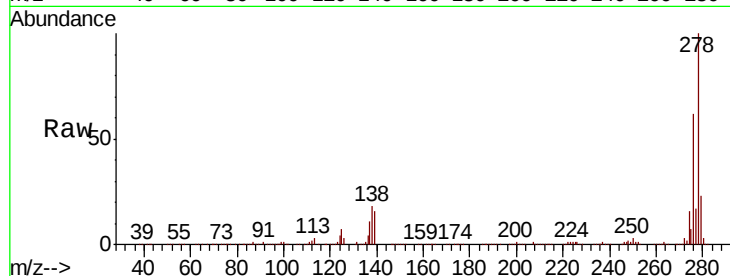
BNA_F

ClientSampleId :

PB131036BS

Tot Ion:278 Resp: 1016787

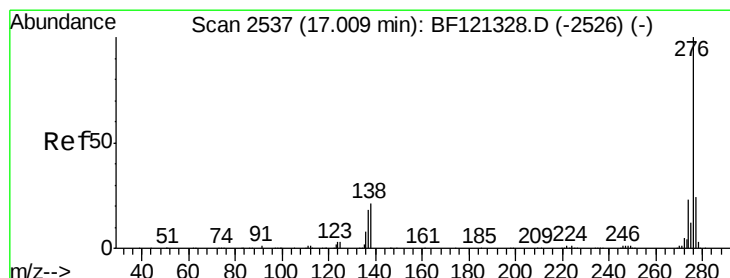
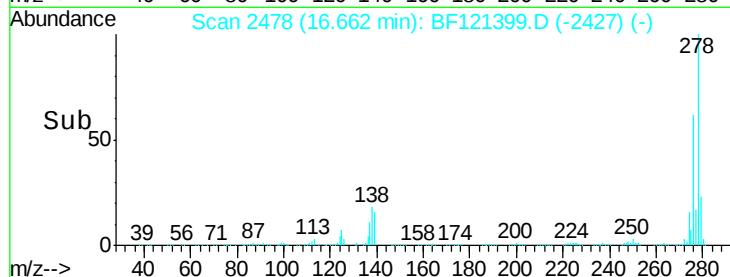
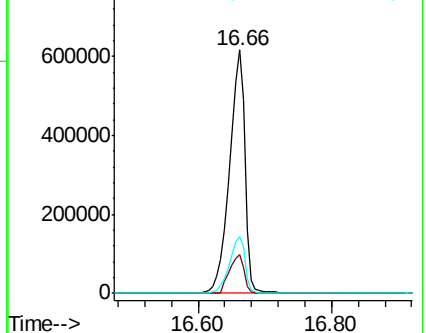
Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.0	19.6
279	23.4	19.3	28.9



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: 39.296 ng

RT: 17.06 min Scan# 2546

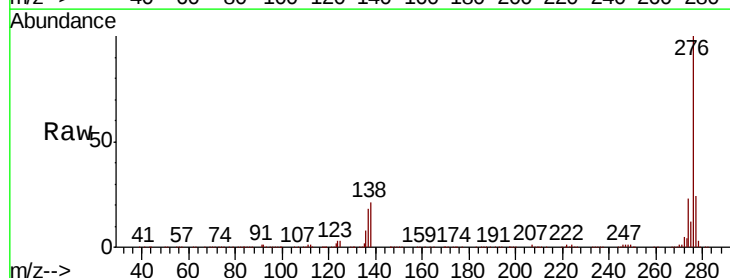
Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Tgt Ion:276 Resp: 1050973

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	21.0	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

