

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\
 Data File : BF121591.D
 Acq On : 16 Sep 2020 11:46
 Operator : JU/CG
 Sample : PB131616BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

Quant Time: Sep 16 12:54:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	197289	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	797108	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	432129	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	811066	20.00	ng	0.00
76) Chrysene-d12	13.99	240	657129	20.00	ng	0.00
86) Perylene-d12	15.43	264	555005	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1216865	91.66	ng	0.02
7) Phenol-d6	6.47	99	1604238	92.11	ng	0.00
23) Nitrobenzene-d5	7.39	82	1388494	93.53	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	520971	97.00	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2416111	84.68	ng	0.00
79) Terphenyl-d14	12.93	244	2278075	70.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	212104	34.777	ng	99
3) Pyridine	3.43	79	506270	30.027	ng	97
4) n-Nitrosodimethylamine	3.39	42	281215	35.958	ng	100
6) Aniline	6.49	93	561293	24.745	ng	# 78
8) 2-Chlorophenol	6.62	128	515243	38.120	ng	97
9) Benzaldehyde	6.37	77	301459	26.477	ng	98
10) Phenol	6.48	94	647198	34.896	ng	86
11) bis(2-Chloroethyl)ether	6.56	93	569207	40.721	ng	99
12) 1,3-Dichlorobenzene	6.76	146	554011	36.723	ng	98
13) 1,4-Dichlorobenzene	6.84	146	558408	36.863	ng	99
14) 1,2-Dichlorobenzene	7.00	146	506561	36.301	ng	99
15) Benzyl Alcohol	6.97	79	454374	38.383	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	840582	37.370	ng	93
17) 2-Methylphenol	7.09	107	442596	38.485	ng	95
18) Hexachloroethane	7.33	117	209753	38.672	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	380860	37.943	ng	98
20) 3+4-Methylphenols	7.24	107	516866	37.406	ng	96
22) Acetophenone	7.23	105	714812	35.345	ng	94
24) Nitrobenzene	7.41	77	575370	35.833	ng	97
25) Isophorone	7.65	82	1071093	35.840	ng	98
26) 2-Nitrophenol	7.72	139	279849	37.607	ng	92
27) 2,4-Dimethylphenol	7.76	122	473942	35.528	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	677171	36.602	ng	99
29) 2,4-Dichlorophenol	7.97	162	444573	36.590	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	466089	36.423	ng	99
31) Naphthalene	8.13	128	1515084	36.006	ng	99
32) Benzoic acid	7.90	122	338657	36.045	ng	98
33) 4-Chloroaniline	8.17	127	460659	25.256	ng	97
34) Hexachlorobutadiene	8.25	225	279135	37.163	ng	99
35) Caprolactam	8.56	113	87557	21.639	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	480786	36.732	ng	100
37) 2-Methylnaphthalene	8.82	142	1014089	36.775	ng	99
38) 1-Methylnaphthalene	8.92	142	960151	37.413	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	462402	34.256	ng	99

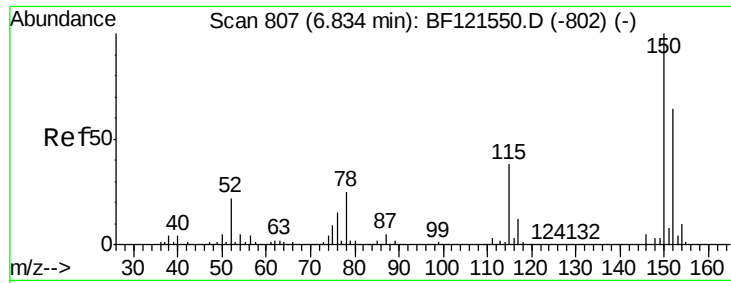
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	515638	66.892	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	329896	35.856	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	350795	36.066	ng	96
46) 1,1'-Biphenyl	9.29	154	1212204	35.040	ng	99
47) 2-Chloronaphthalene	9.31	162	931762	34.179	ng	100
48) 2-Nitroaniline	9.40	65	321863	37.993	ng	98
49) Acenaphthylene	9.73	152	1485448	35.464	ng	100
50) Dimethylphthalate	9.59	163	1143211	36.501	ng	99
51) 2,6-Dinitrotoluene	9.65	165	250478	37.552	ng	# 85
52) Acenaphthene	9.90	154	872582	32.982	ng	98
53) 3-Nitroaniline	9.82	138	184310	23.853	ng	94
54) 2,4-Dinitrophenol	9.93	184	274203	72.261	ng	99
55) Dibenzofuran	10.07	168	1305888	35.051	ng	100
56) 4-Nitrophenol	9.99	139	418878	67.975	ng	99
57) 2,4-Dinitrotoluene	10.05	165	333467	39.739	ng	96
58) Fluorene	10.41	166	977639	34.313	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	295809	37.409	ng	97
60) Diethylphthalate	10.29	149	1116476	36.562	ng	100
61) 4-Chlorophenyl-phenylether	10.40	204	485638	35.582	ng	96
62) 4-Nitroaniline	10.43	138	254908	33.225	ng	99
63) Azobenzene	10.56	77	1122518	34.519	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	187577	39.161	ng	90
66) n-Nitrosodiphenylamine	10.52	169	962191	34.579	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	333428	36.107	ng	97
68) Hexachlorobenzene	10.96	284	369624	35.468	ng	99
69) Atrazine	11.05	200	279984	40.500	ng	98
70) Pentachlorophenol	11.16	266	406501	71.027	ng	99
71) Phenanthrene	11.37	178	1499611	33.935	ng	100
72) Anthracene	11.42	178	1540020	33.771	ng	100
73) Carbazole	11.58	167	1379617	33.525	ng	99
74) Di-n-butylphthalate	11.91	149	1720886	36.232	ng	99
75) Fluoranthene	12.56	202	1612712	34.187	ng	99
77) Benzidine	12.68	184	626020	28.736	ng	99
78) Pyrene	12.79	202	1640627	34.171	ng	100
80) Butylbenzylphthalate	13.40	149	754608	38.862	ng	98
81) Benzo(a)anthracene	13.97	228	1427961	34.348	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	438634	27.026	ng	98
83) Chrysene	14.02	228	1417981	33.683	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	984667	37.959	ng	99
85) Di-n-octyl phthalate	14.57	149	1775525	38.784	ng	100
87) Indeno(1,2,3-cd)pyrene	16.88	276	1429227	39.543	ng	100
88) Benzo(b)fluoranthene	15.02	252	1548213	41.728	ng	99
89) Benzo(k)fluoranthene	15.02	252	1548213	45.567	ng	99
90) Benzo(a)pyrene	15.38	252	1257287	39.865	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	1190239	39.560	ng	98
92) Benzo(g,h,i)perylene	17.32	276	1175918	39.761	ng	97

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

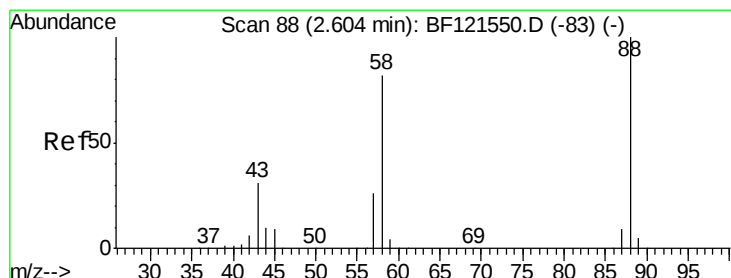
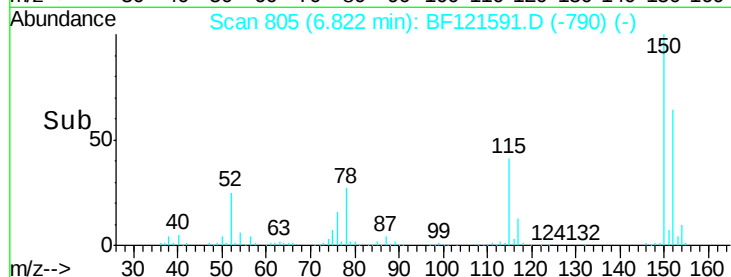
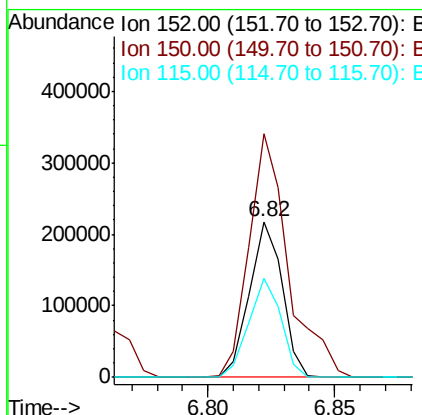
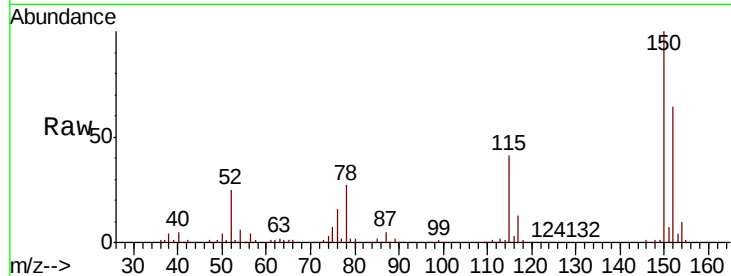


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

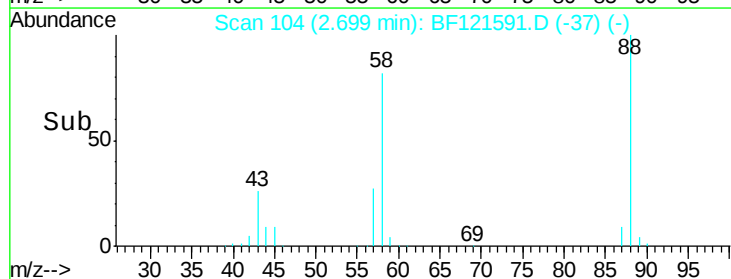
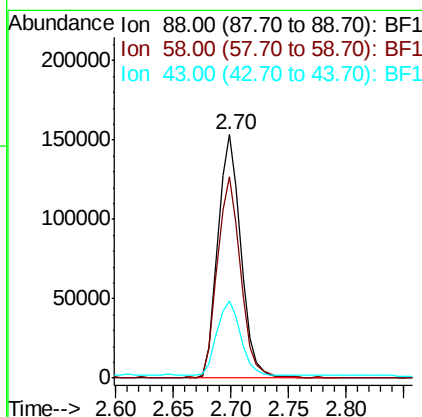
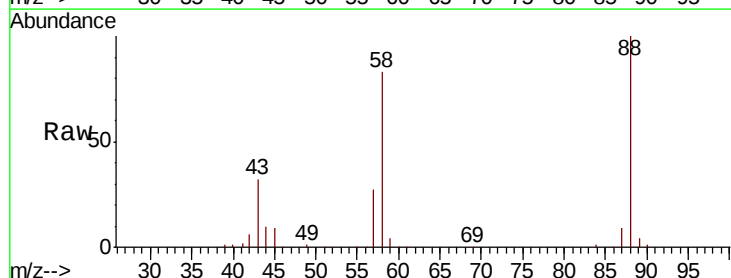
Tot Ion:152 Resp: 197289
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 63.3 47.8 71.8

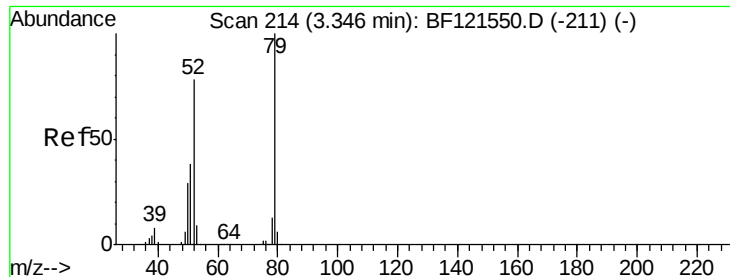


#2

1,4-Dioxane
Concen: 34.777 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion: 88 Resp: 212104
Ion Ratio Lower Upper
88 100
58 82.1 65.1 97.7
43 31.3 25.0 37.4

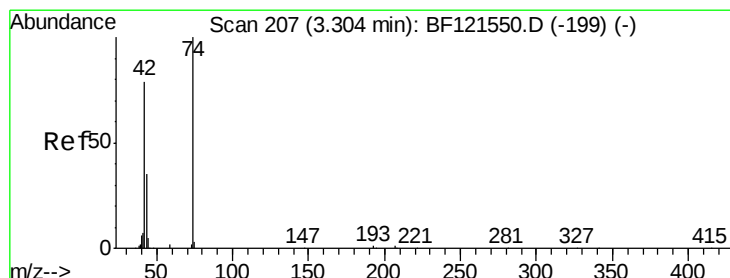
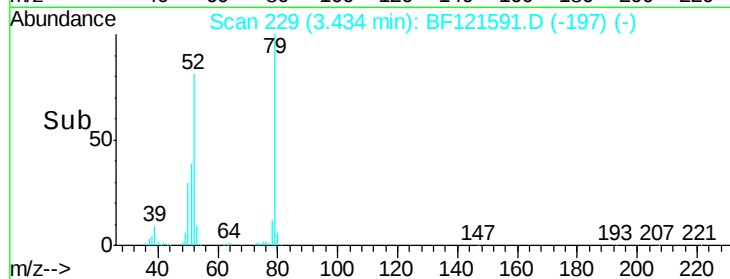
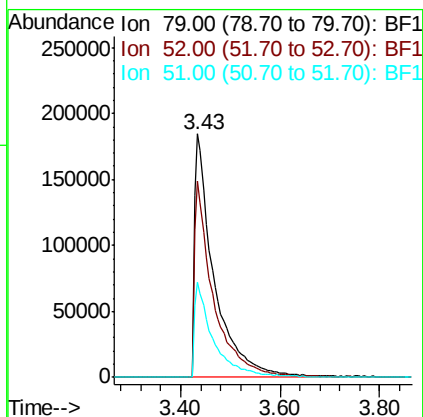
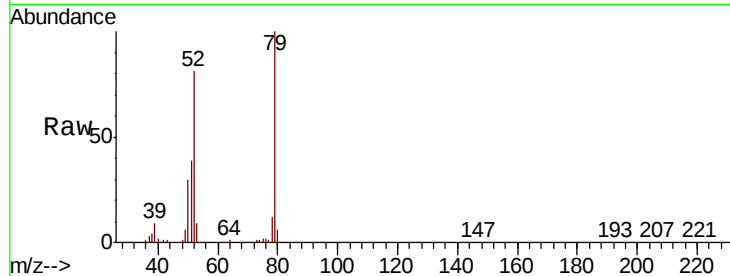




#3
 Pvridine
 Concen: 30.027 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.09 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

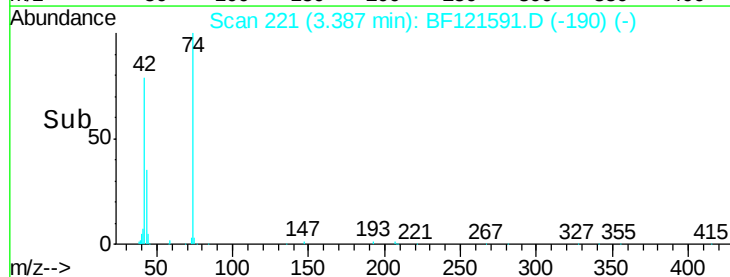
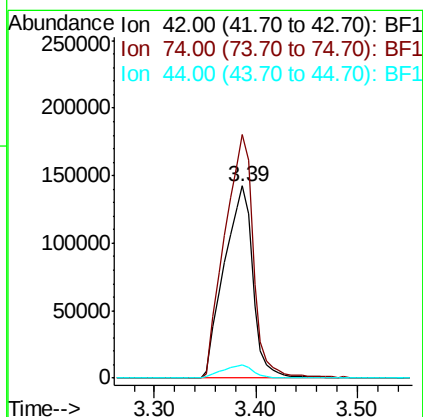
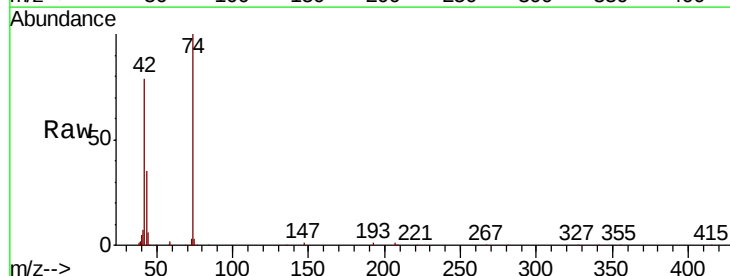
Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

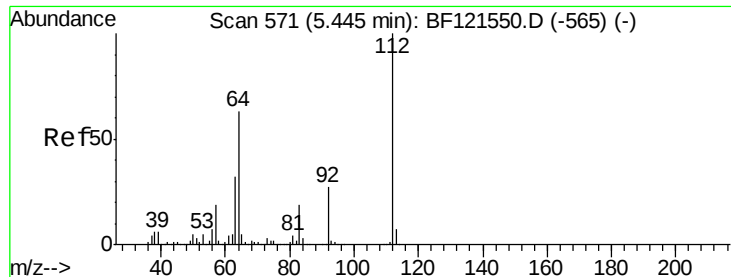
Tot Ion: 79 Resp: 506270
 Ion Ratio Lower Upper
 79 100
 52 80.8 62.2 93.2
 51 39.0 30.6 45.8



#4
 n-Nitrosodimethylamine
 Concen: 35.958 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.08 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion: 42 Resp: 281215
 Ion Ratio Lower Upper
 42 100
 74 126.8 101.7 152.5
 44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 91.663 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

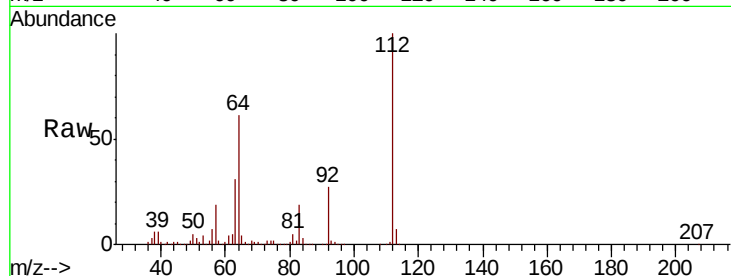
Tot Ion:112 Resp: 1216865

Ion Ratio Lower Upper

112 100

64 61.0 50.3 75.5

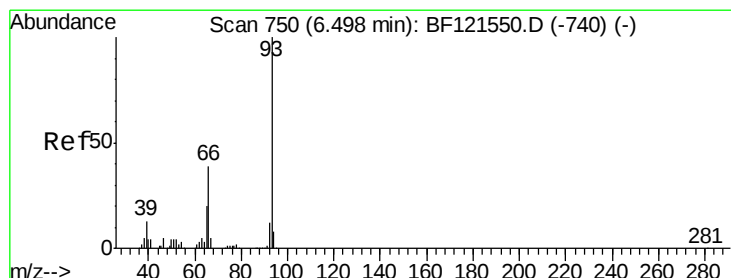
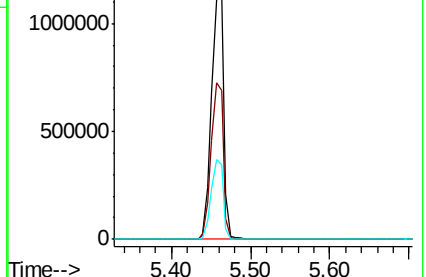
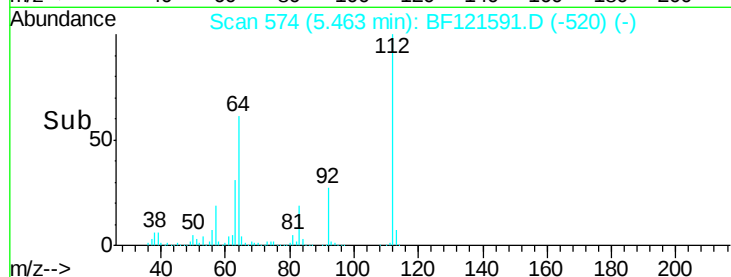
63 30.8 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.745 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

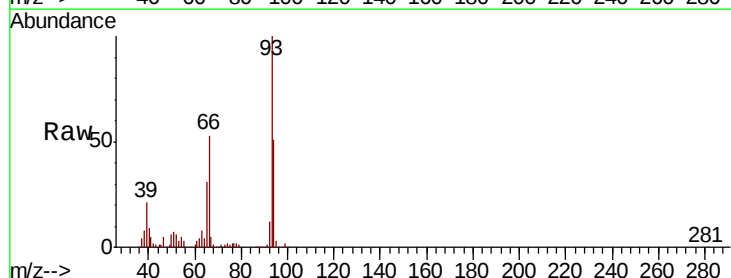
Tgt Ion: 93 Resp: 561293

Ion Ratio Lower Upper

93 100

66 53.3 31.8 47.8#

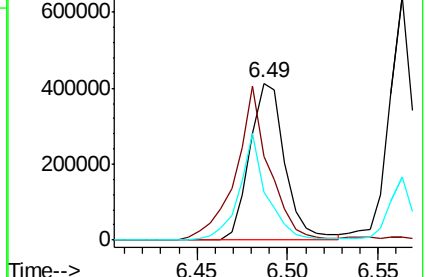
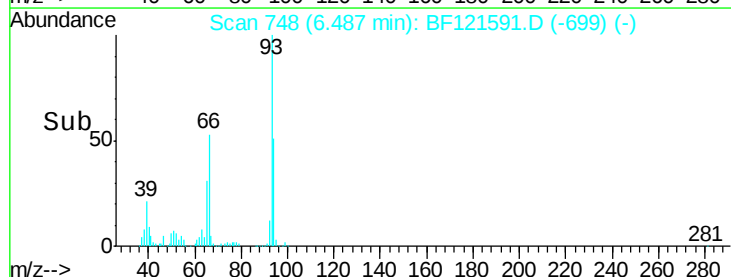
65 30.8 16.2 24.2#

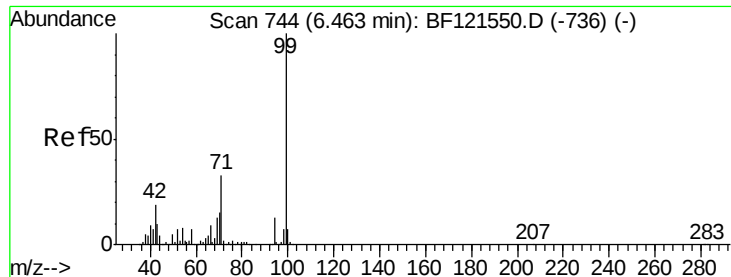


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.110 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

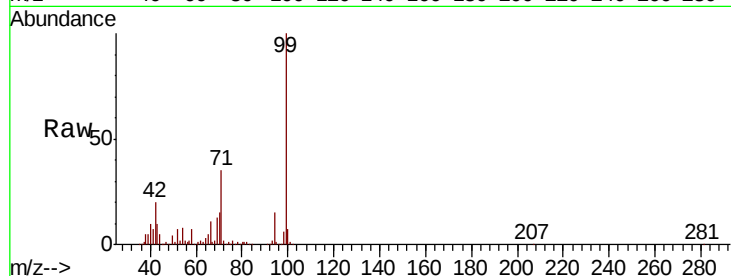
BNA_F

ClientSampleId :

PB131616BS

Tot Ion: 99 Resp: 1604238

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.5	23.3
71	35.1	26.1	39.1

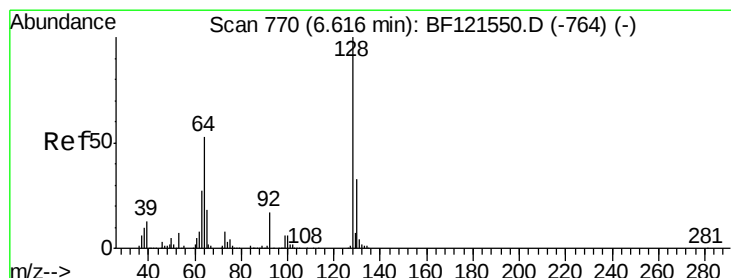
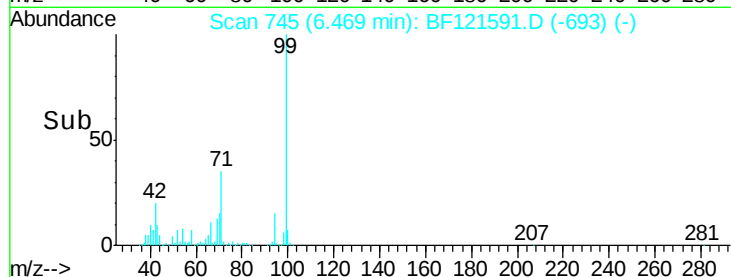
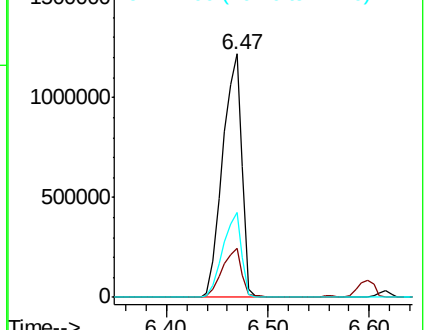


Abundance

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: 38.120 ng

RT: 6.62 min Scan# 770

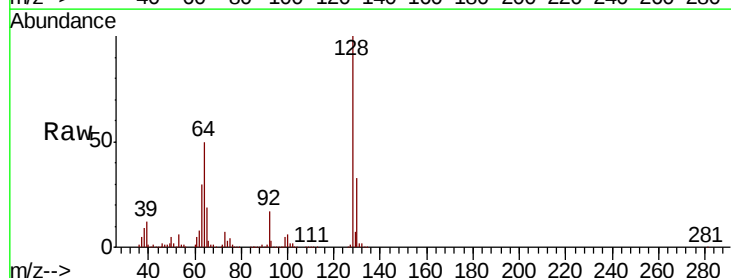
Delta R.T. 0.00 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Tgt Ion: 128 Resp: 515243

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	49.9	33.1	73.1

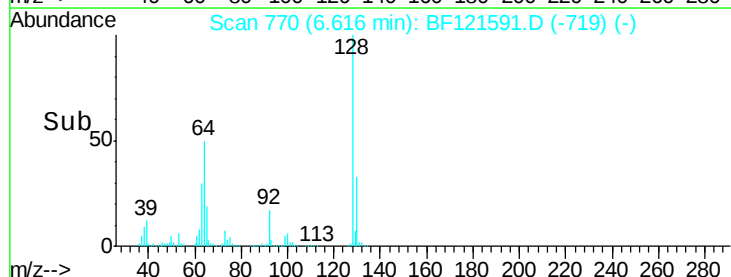
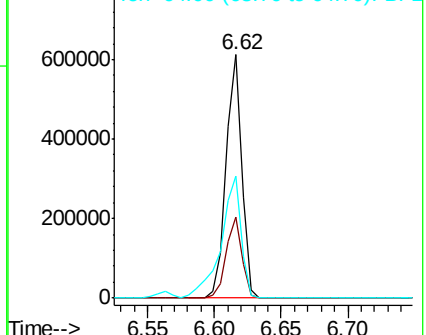


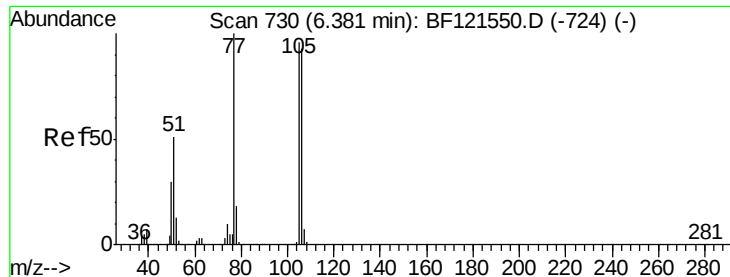
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.477 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

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PB131616BS

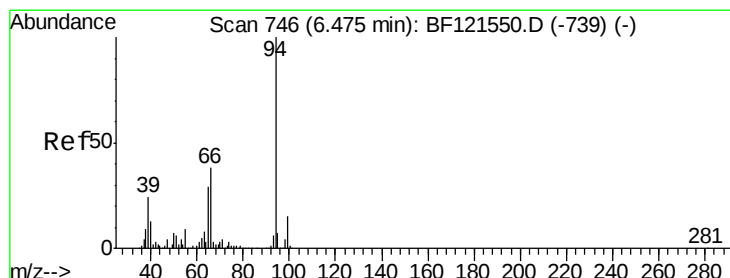
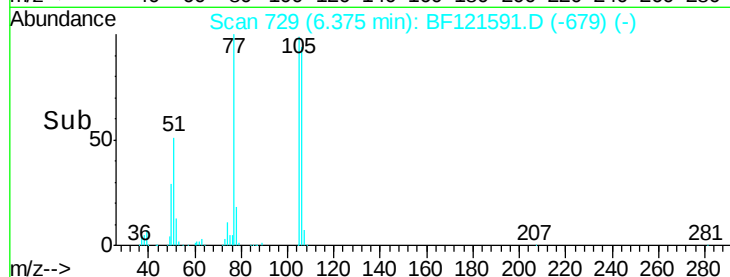
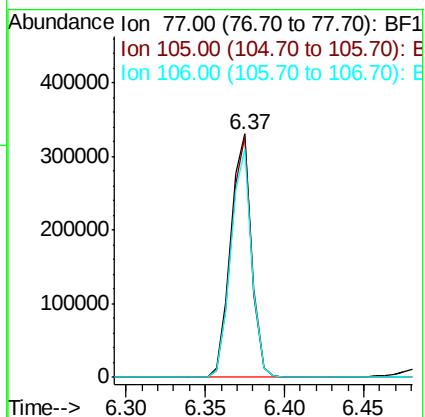
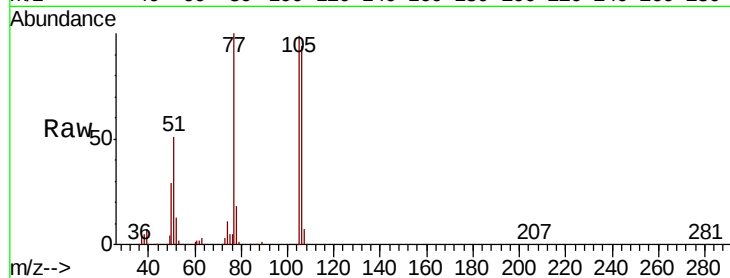
Tot Ion: 77 Resp: 301459

Ion Ratio Lower Upper

77 100

105 99.3 76.4 116.4

106 94.0 73.5 113.5



#10

Phenol

Concen: 34.896 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

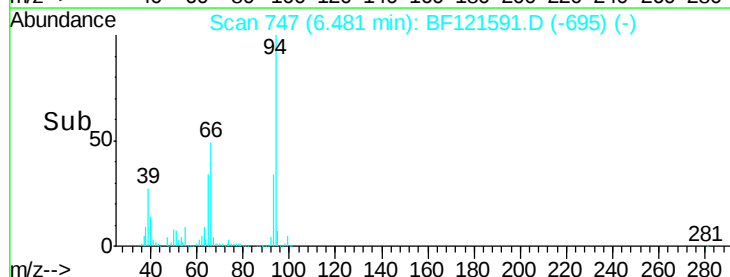
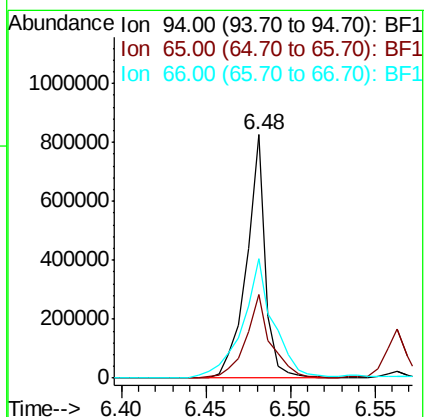
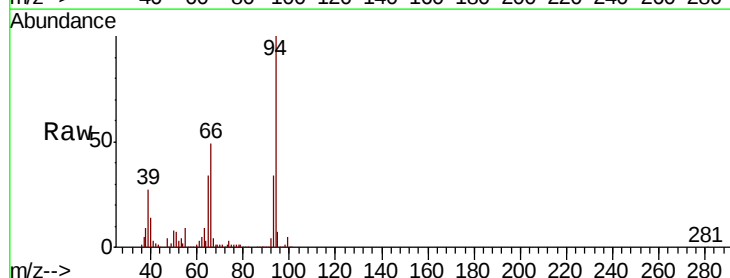
Tgt Ion: 94 Resp: 647198

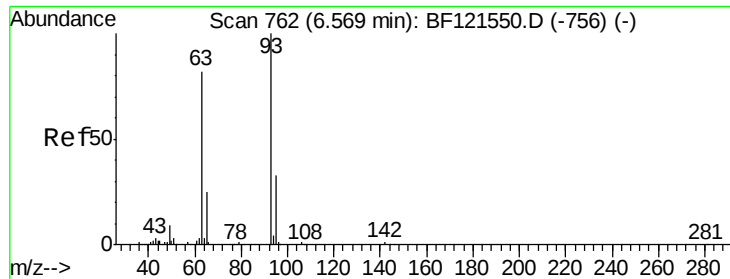
Ion Ratio Lower Upper

94 100

65 34.1 9.4 49.4

66 49.0 18.3 58.3

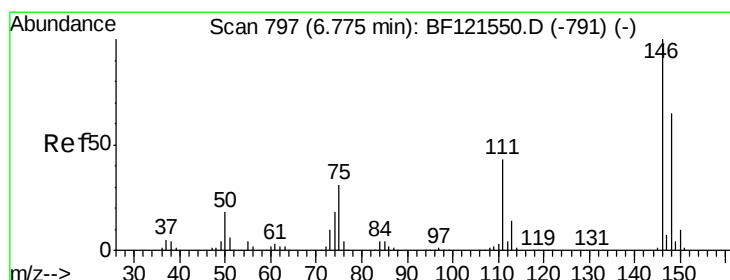
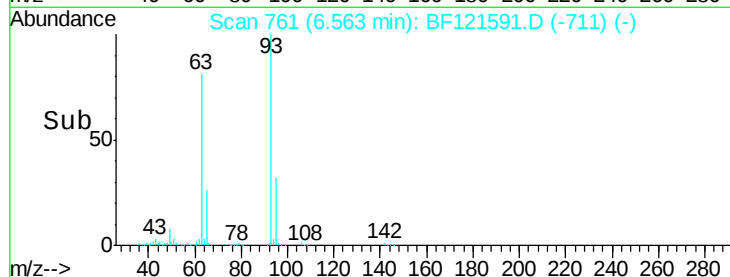
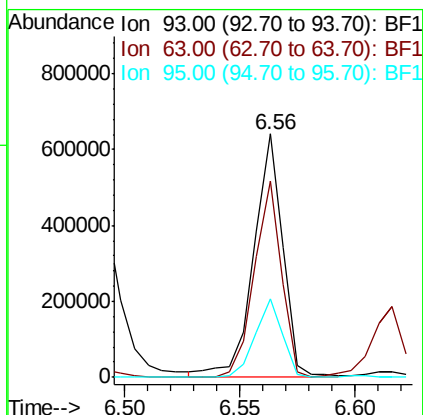
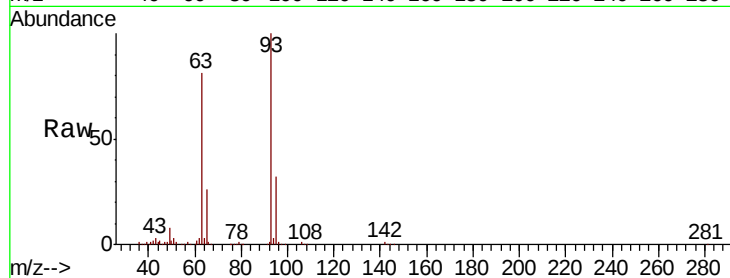




#11
bis(2-Chloroethyl)ether
Concen: 40.721 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

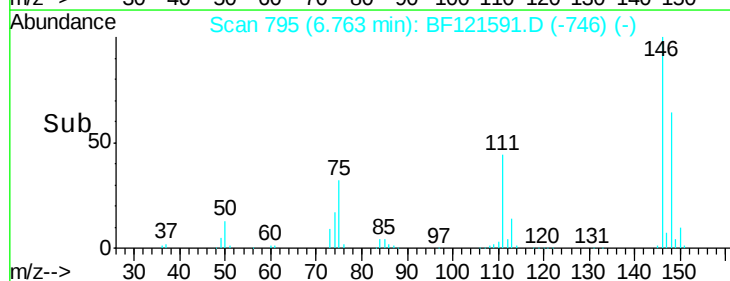
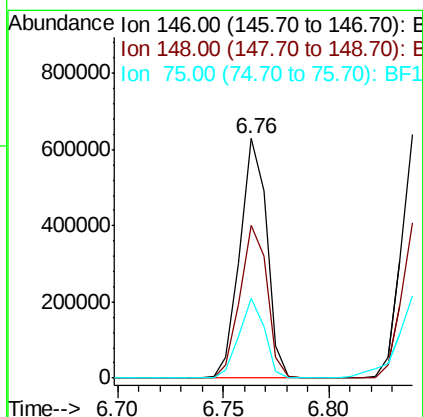
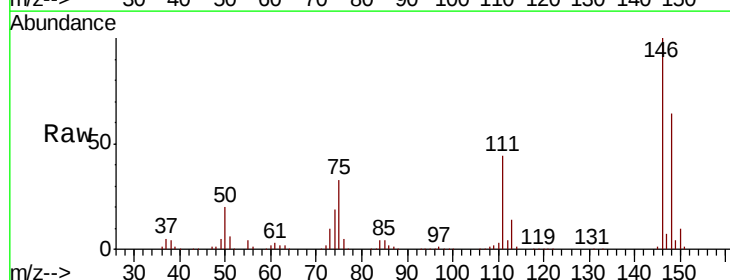
Instrument :
BNA_F
ClientSampleId :
PB131616BS

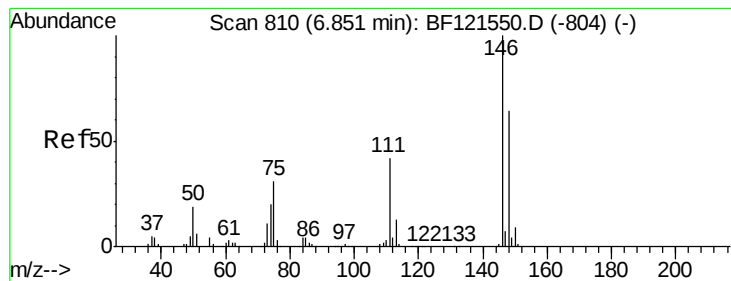
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.6	61.7	101.7
95	32.4	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 36.723 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	33.2	24.6	36.8





#13

1,4-Dichlorobenzene

Concen: 36.863 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

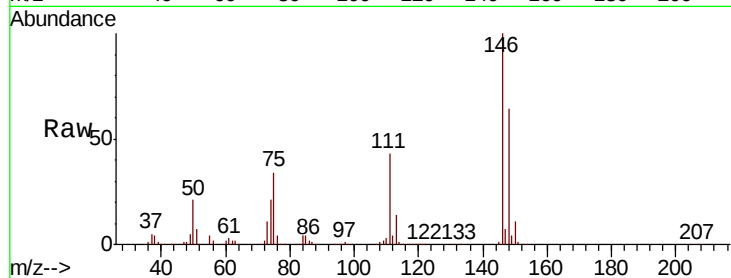
Tot Ion:146 Resp: 558408

Ion Ratio Lower Upper

146 100

148 63.7 51.2 76.8

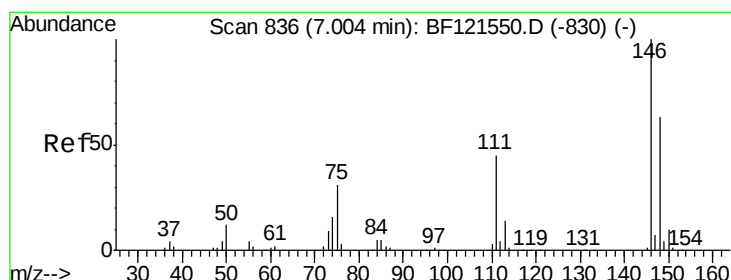
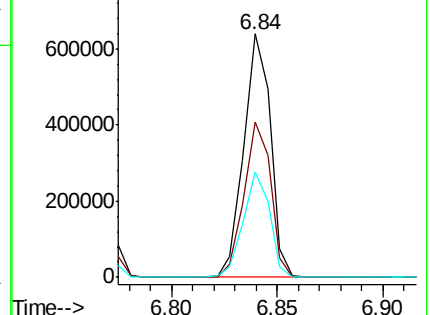
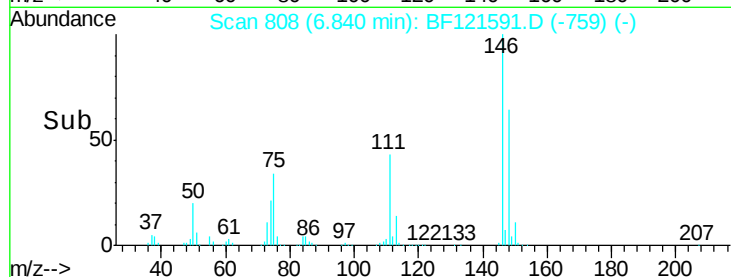
111 43.5 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.301 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

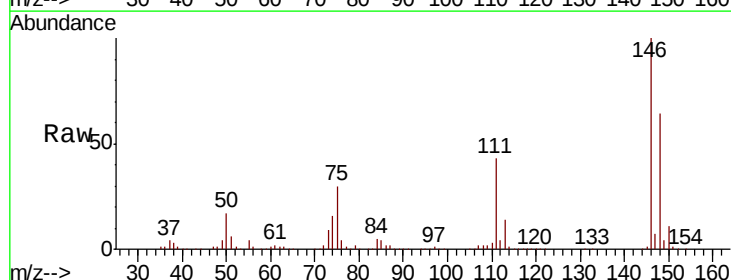
Tgt Ion:146 Resp: 506561

Ion Ratio Lower Upper

146 100

148 63.6 50.7 76.1

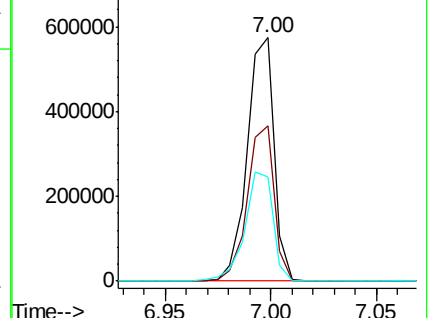
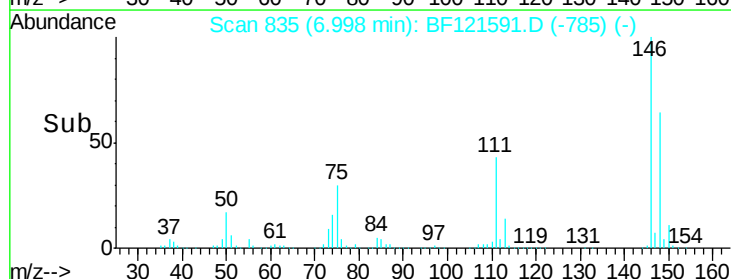
111 42.9 35.8 53.6

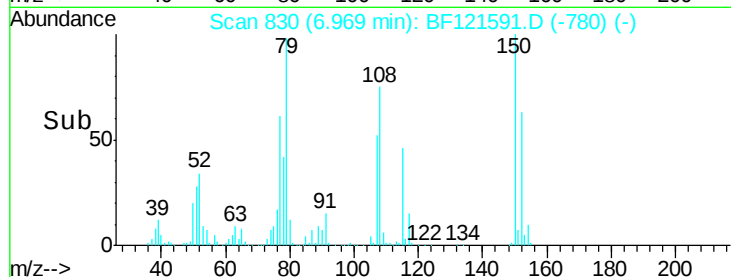
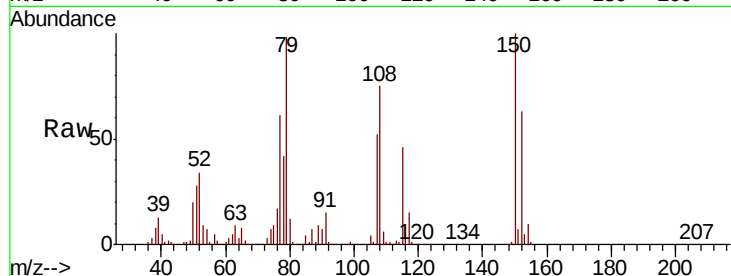
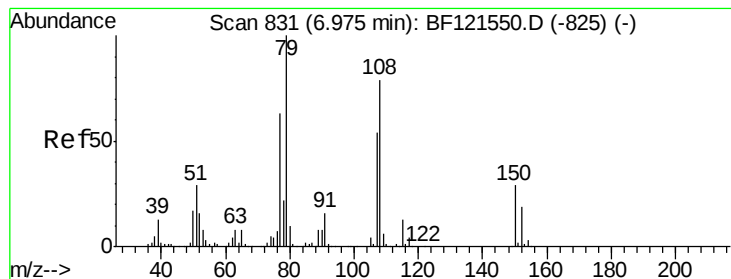


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.383 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

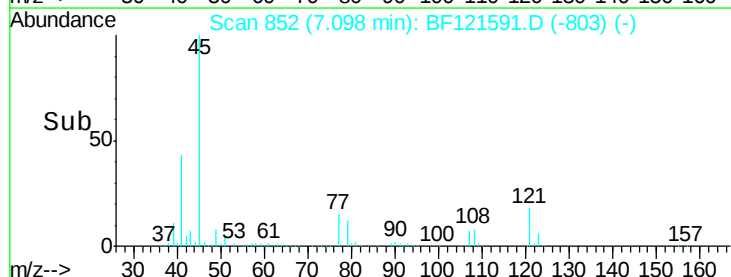
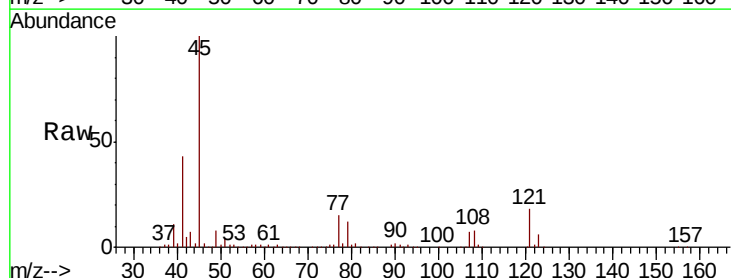
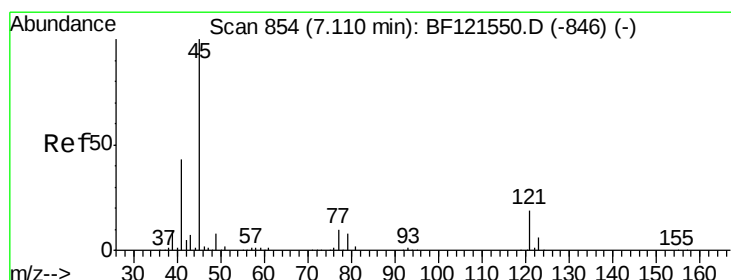
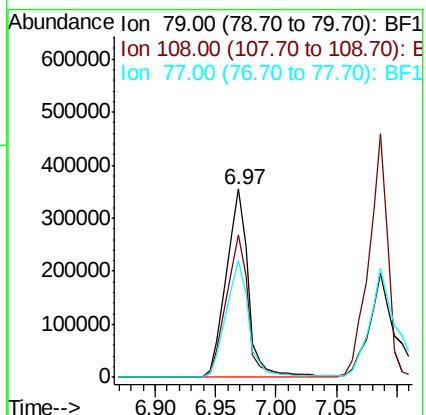
Tot Ion: 79 Resp: 454374

Ion Ratio Lower Upper

79 100

108 76.1 63.1 94.7

77 62.2 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.370 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

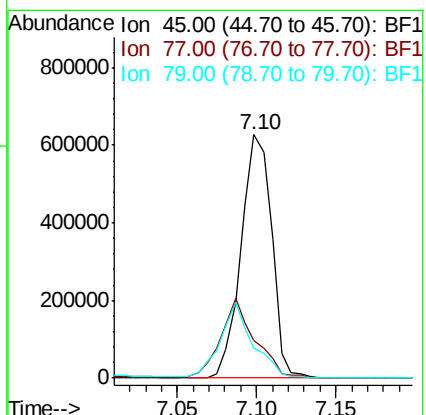
Tgt Ion: 45 Resp: 840582

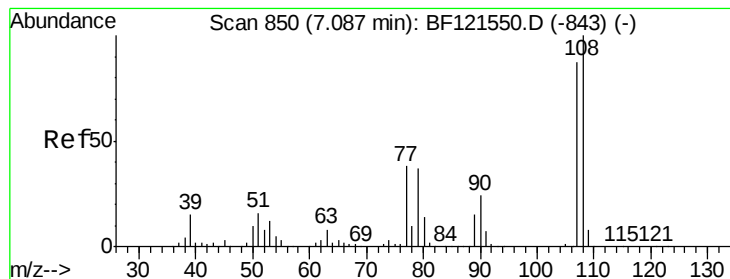
Ion Ratio Lower Upper

45 100

77 15.4 0.0 32.5

79 12.4 0.0 29.8





#17

2-Methylphenol

Concen: 38.485 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

Tot Ion:107 Resp: 442596

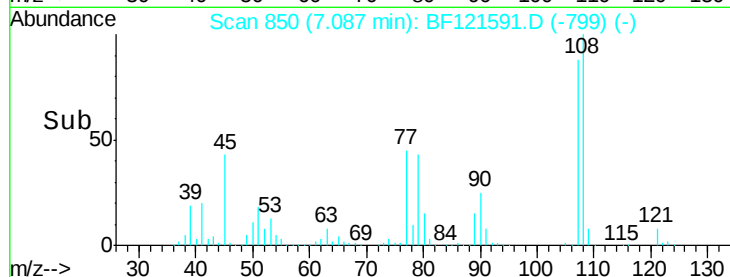
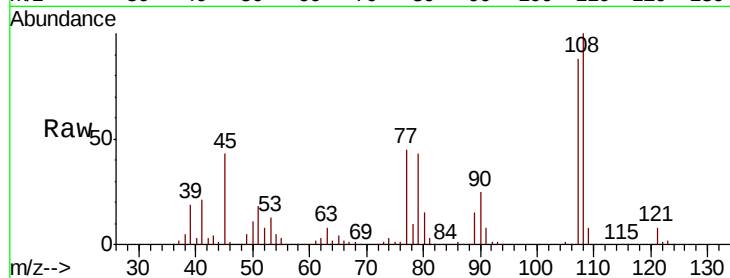
Ion Ratio Lower Upper

107 100

108 113.2 92.1 138.1

77 50.9 35.5 53.3

79 48.2 34.5 51.7

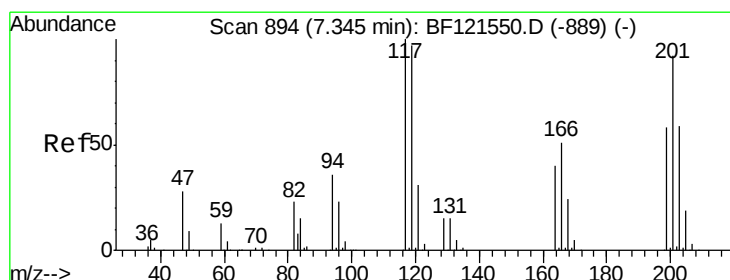
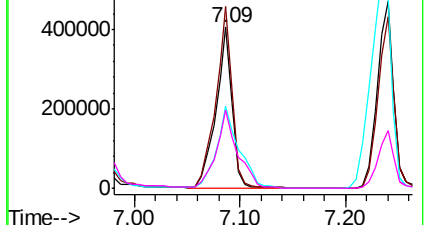


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.672 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

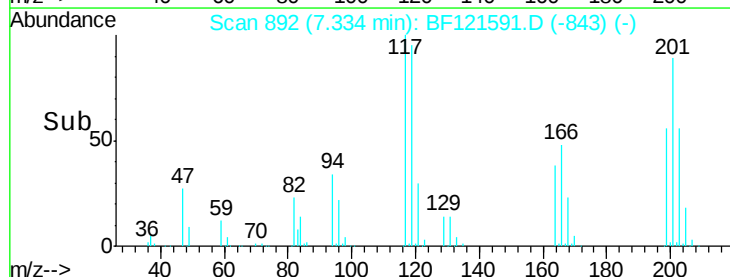
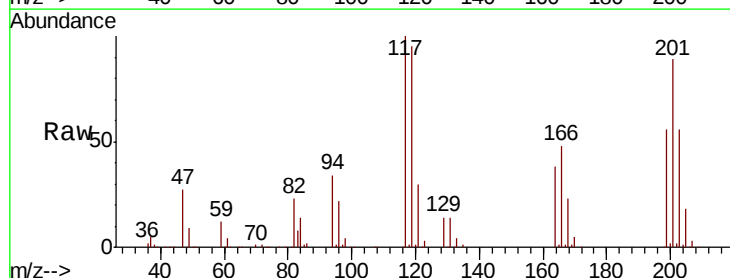
Tgt Ion:117 Resp: 209753

Ion Ratio Lower Upper

117 100

119 94.6 77.2 115.8

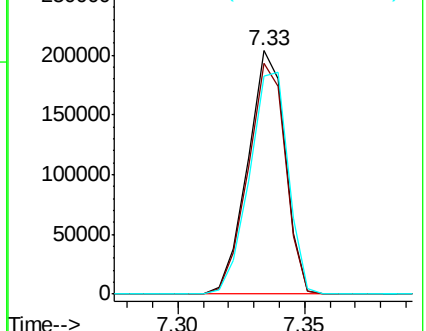
201 89.4 73.7 110.5

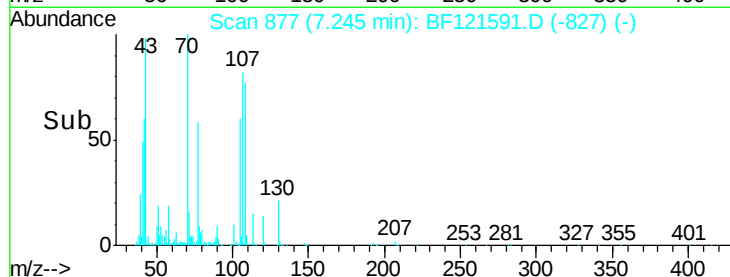
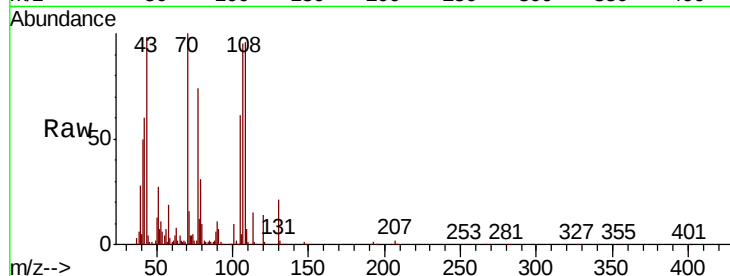
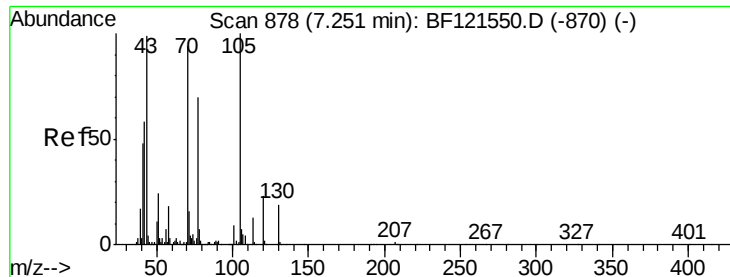


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

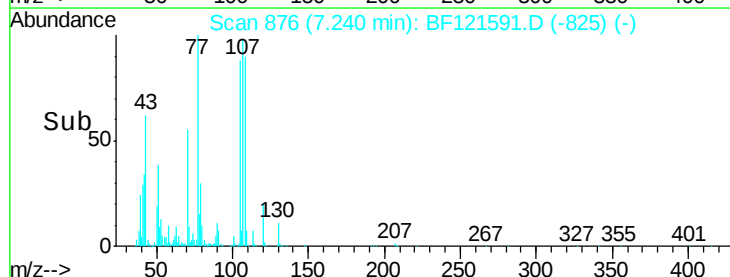
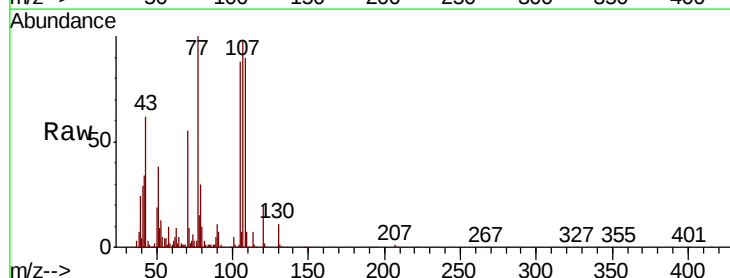
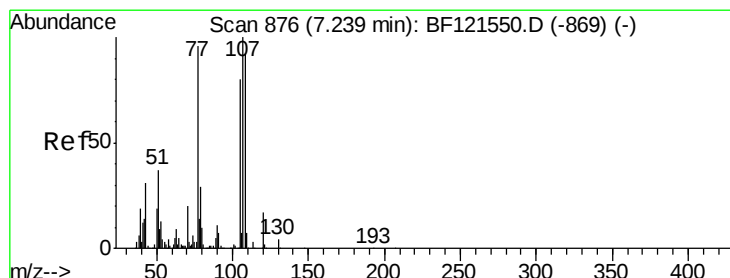
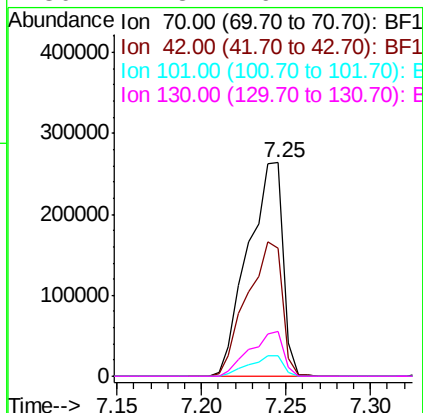




#19
n-Nitroso-di-n-propylamine
Concen: 37.943 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

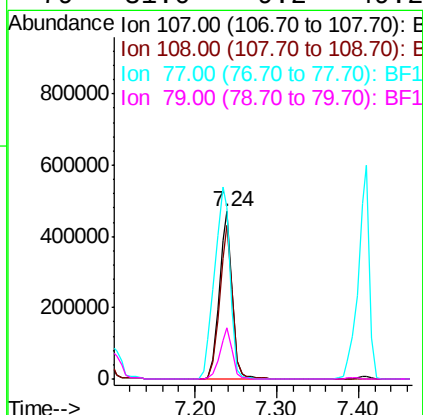
Instrument :
BNA_F
ClientSampleId :
PB131616BS

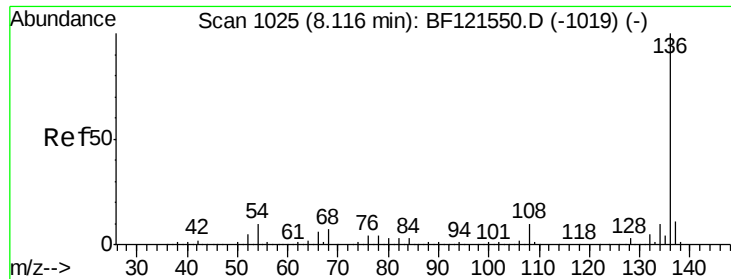
Tot Ion:	70	Resp:	380860
Ion	Ratio	Lower	Upper
70	100		
42	60.2	49.4	74.2
101	9.8	7.6	11.4
130	21.3	16.2	24.4



#20
3+4-Methylphenols
Concen: 37.406 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:	107	Resp:	516866
Ion	Ratio	Lower	Upper
107	100		
108	92.1	71.8	111.8
77	102.4	75.5	115.5
79	31.0	9.2	49.2

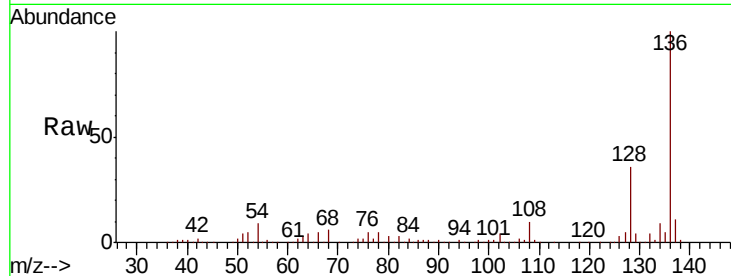




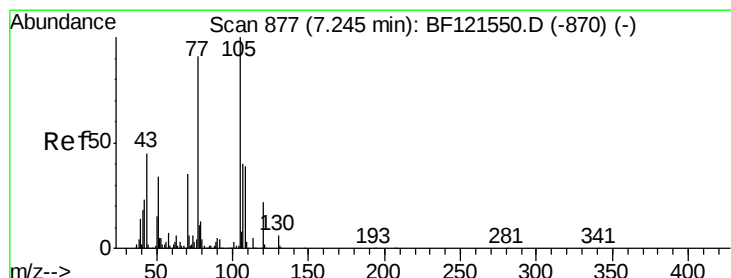
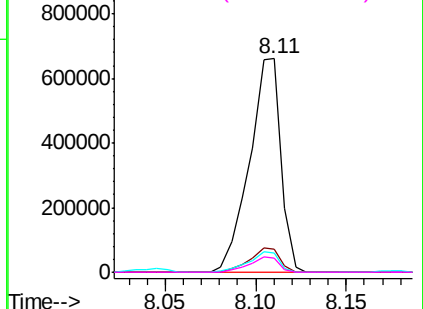
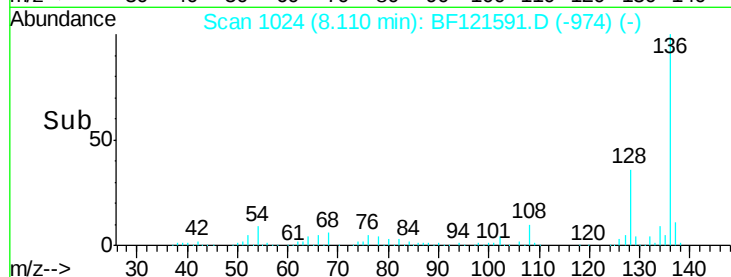
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion:136	Resp:	797108
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	8.8	7.6 11.4
68	6.3	5.7 8.5

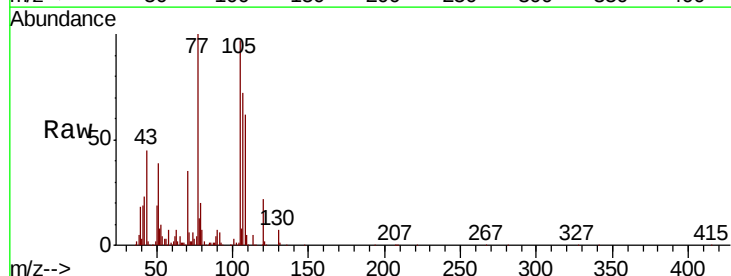


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

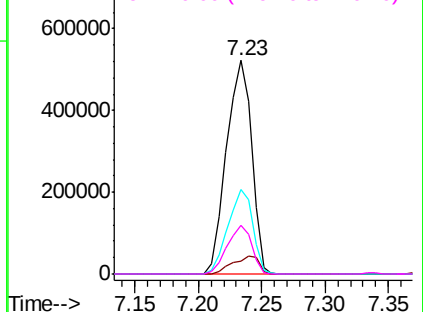
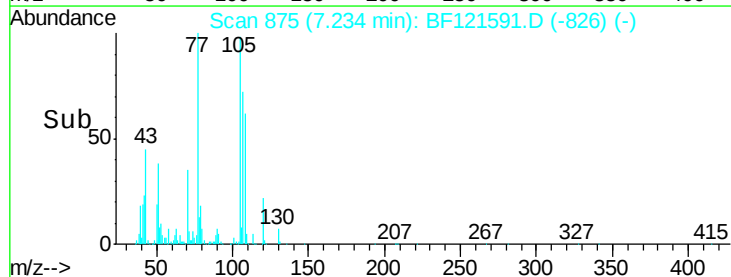


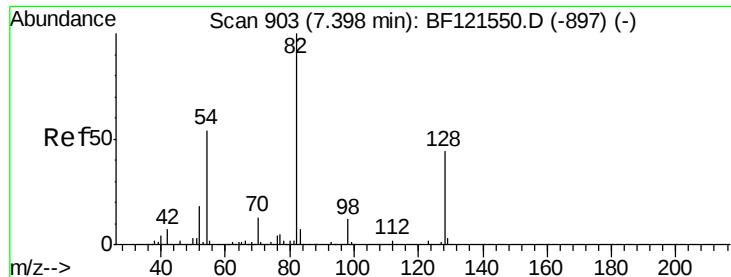
#22
Acetophenone
Concen: 35.345 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:105	Resp:	714812
Ion Ratio	Lower	Upper
105	100	
71	5.9	4.6 7.0
51	39.8	27.6 41.4
120	22.6	17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

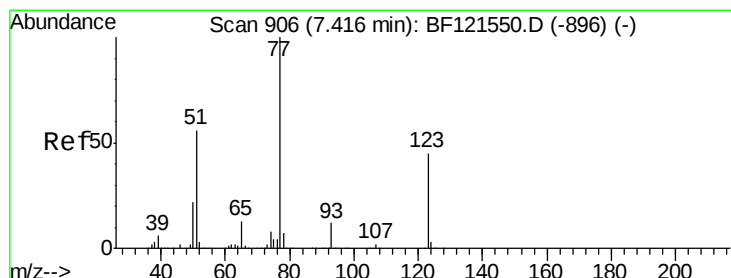
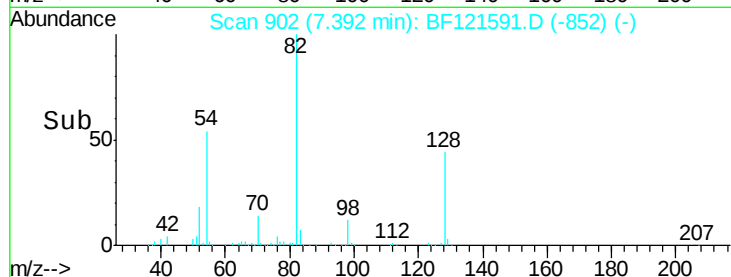
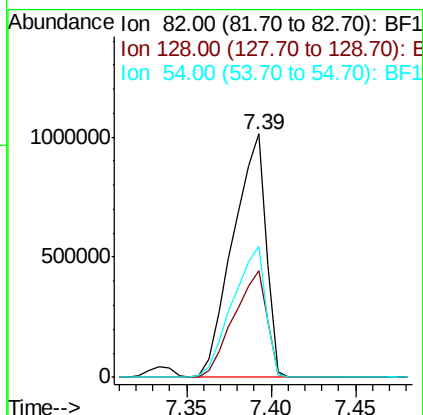
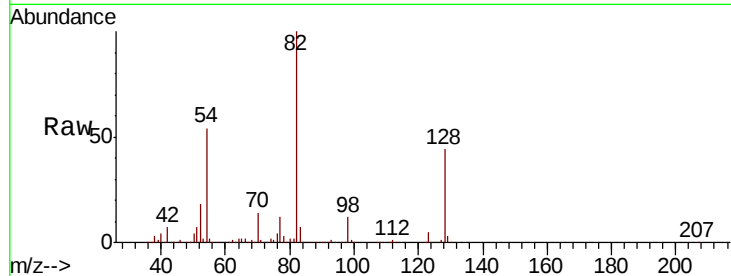




#23
 Nitrobenzene-d5
 Concen: 93.527 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

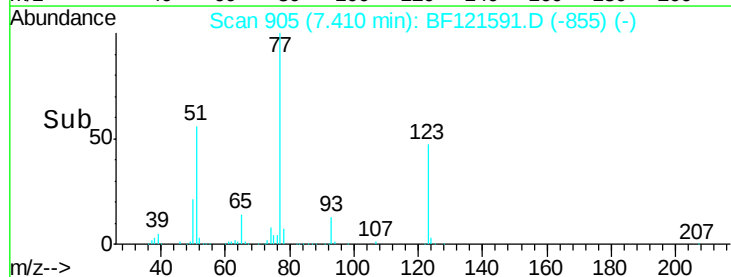
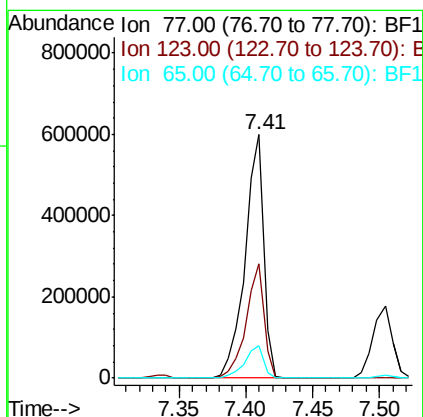
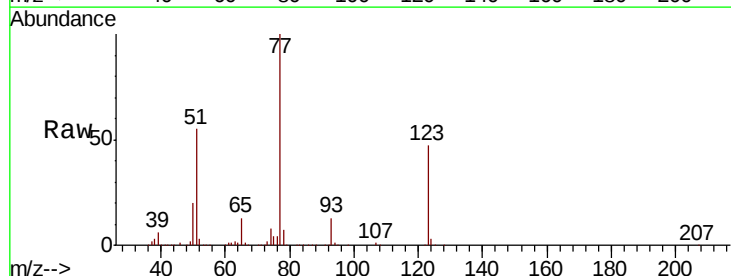
Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

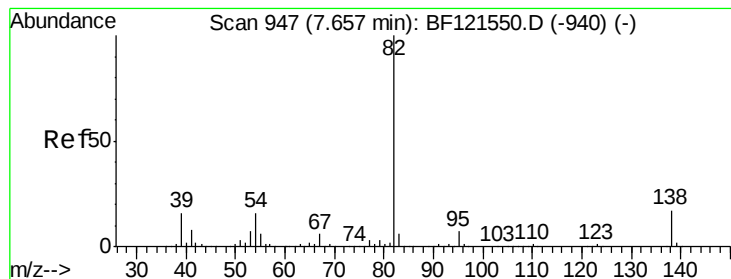
Tot Ion: 82 Resp: 1388494
 Ion Ratio Lower Upper
 82 100
 128 43.6 35.1 52.7
 54 53.9 43.0 64.6



#24
 Nitrobenzene
 Concen: 35.833 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion: 77 Resp: 575370
 Ion Ratio Lower Upper
 77 100
 123 47.0 35.8 53.8
 65 13.4 10.7 16.1





#25

Isophorone

Concen: 35.840 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

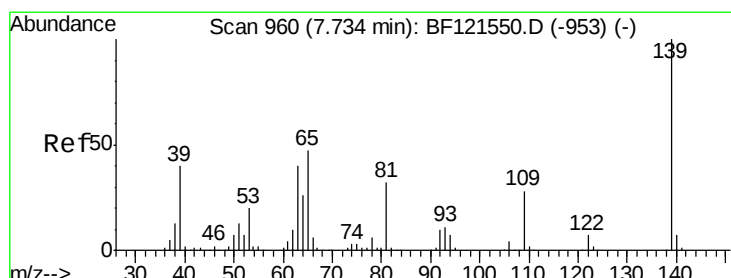
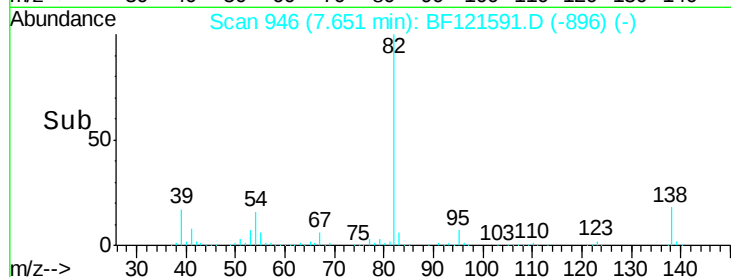
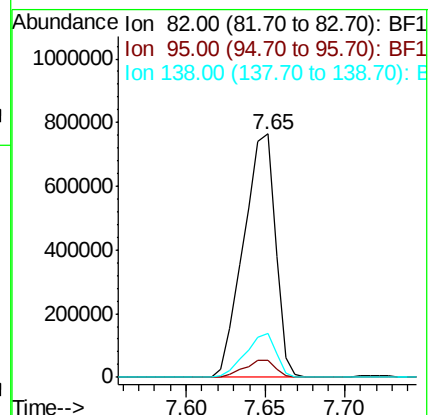
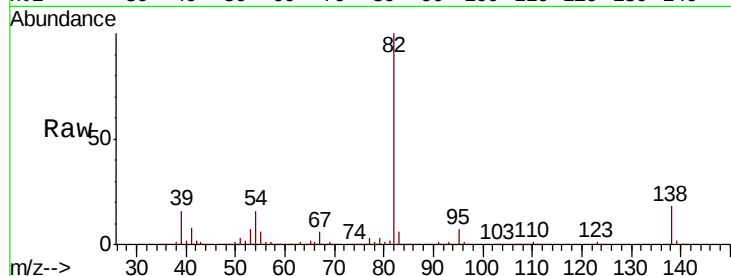
Tot Ion: 82 Resp: 1071093

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 18.0 13.7 20.5



#26

2-Nitrophenol

Concen: 37.607 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

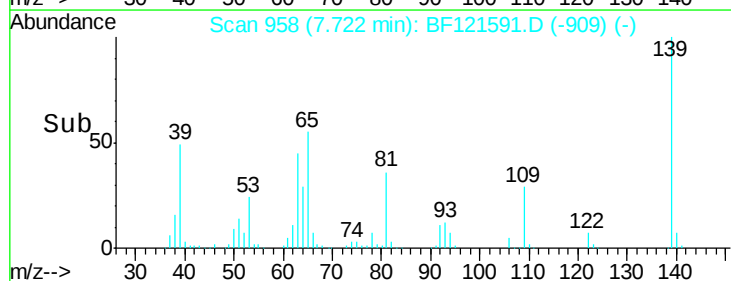
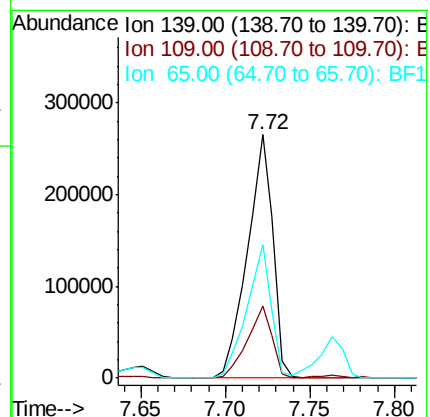
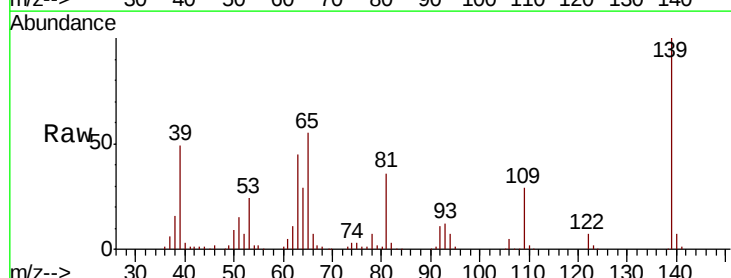
Tgt Ion: 139 Resp: 279849

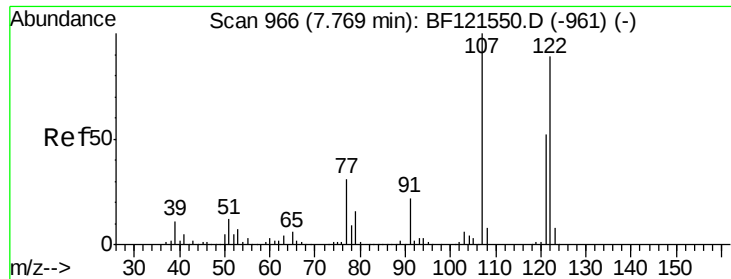
Ion Ratio Lower Upper

139 100

109 29.5 22.4 33.6

65 54.7 37.6 56.4





#27

2,4-Dimethylphenol

Concen: 35.528 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

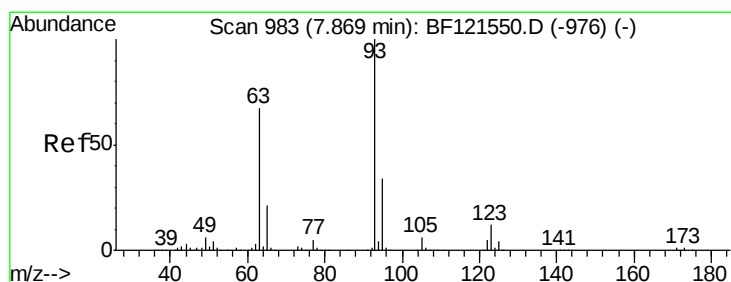
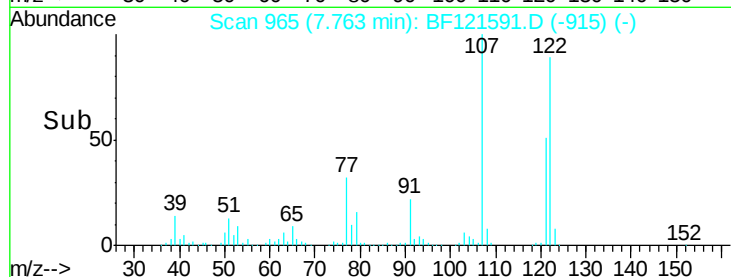
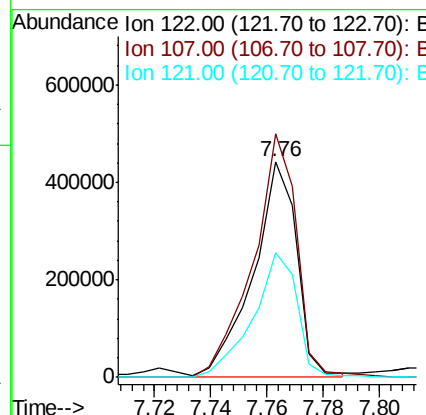
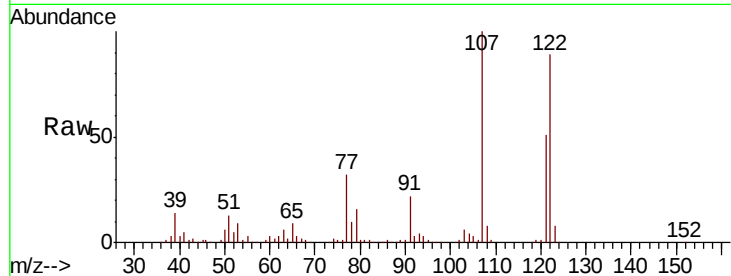
Tot Ion:122 Resp: 473942

Ion Ratio Lower Upper

122 100

107 112.7 89.5 134.3

121 57.7 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 36.602 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

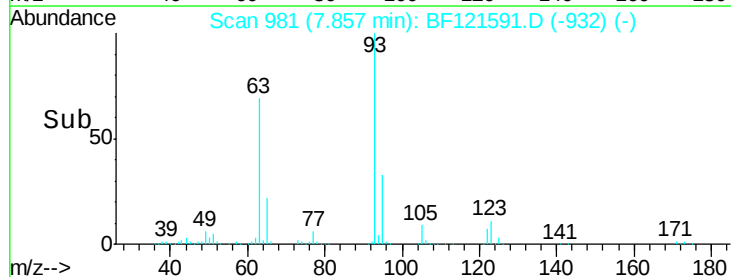
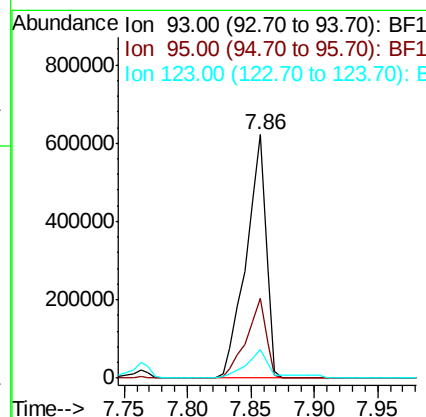
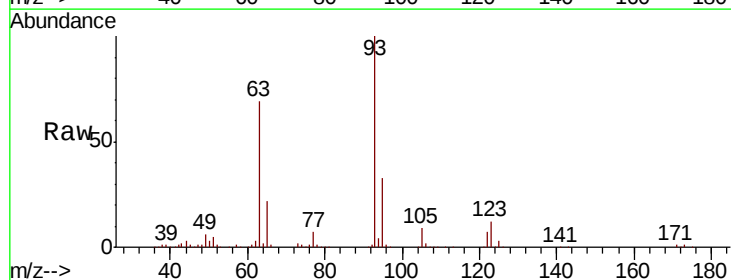
Tgt Ion: 93 Resp: 677171

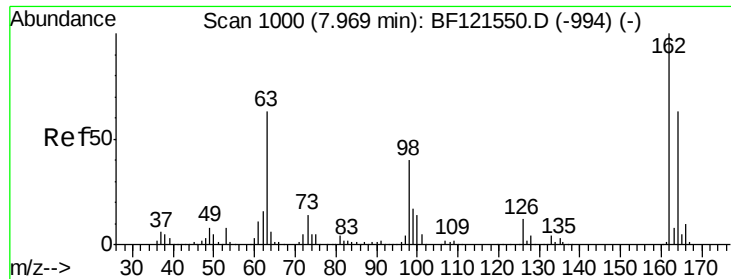
Ion Ratio Lower Upper

93 100

95 32.8 26.8 40.2

123 11.5 9.7 14.5

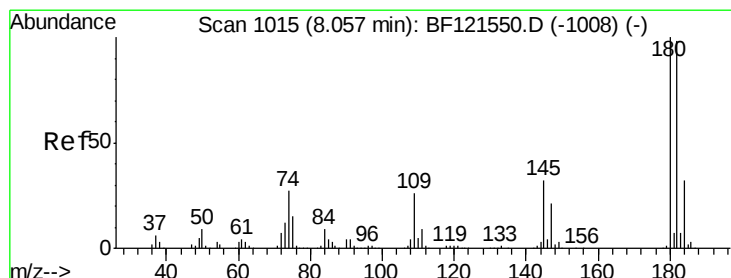
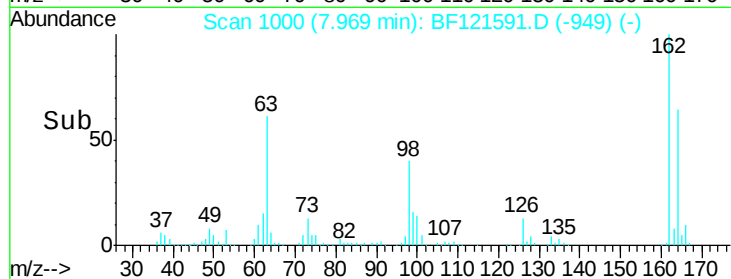
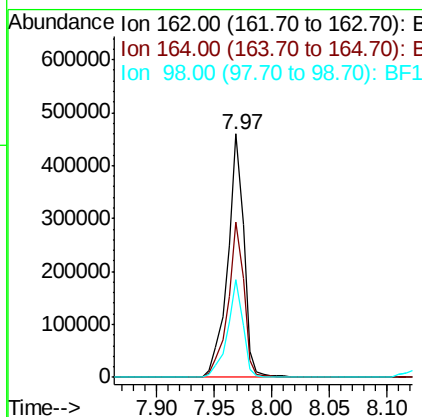
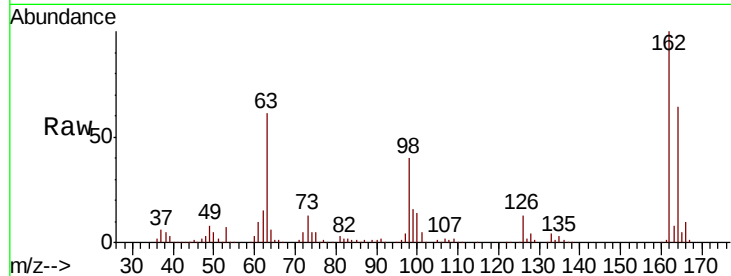




#29
 2,4-Dichlorophenol
 Concen: 36.590 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

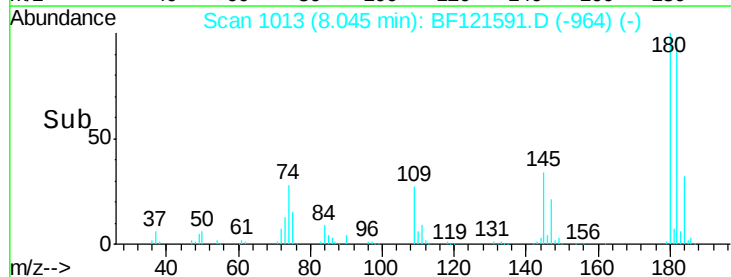
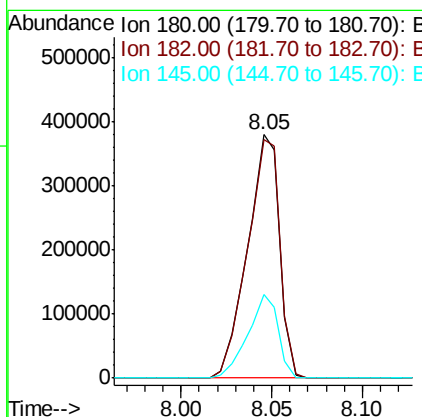
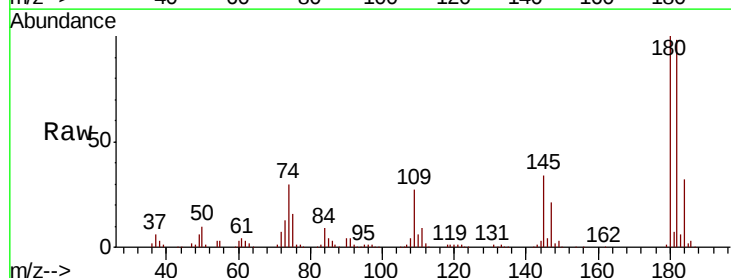
Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

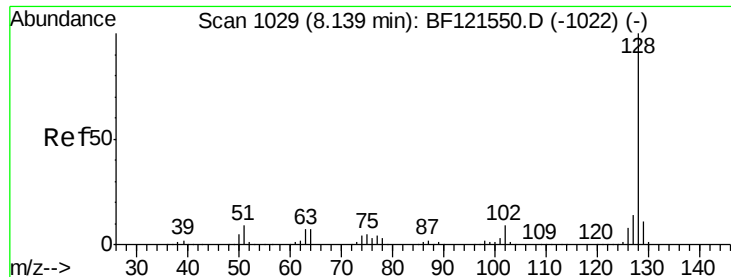
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.5	83.5
98	40.0	20.2	60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 36.423 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	78.7	118.1
145	34.2	26.0	39.0

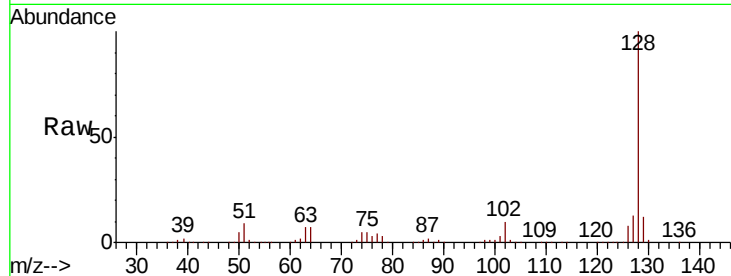




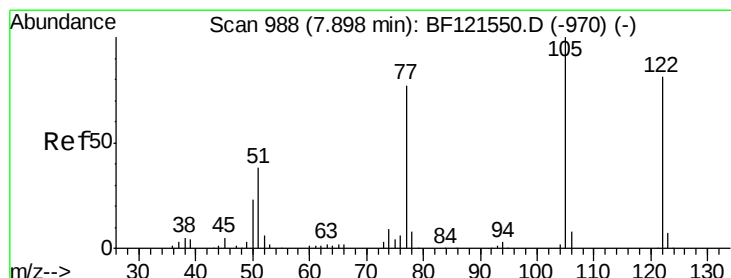
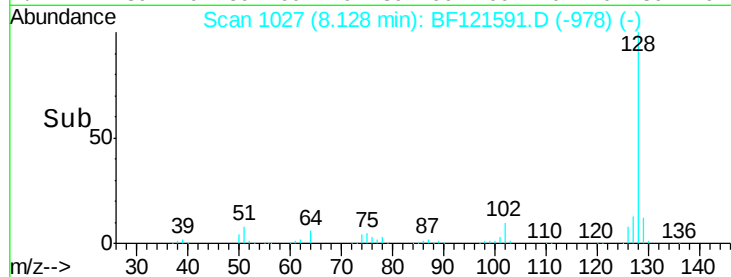
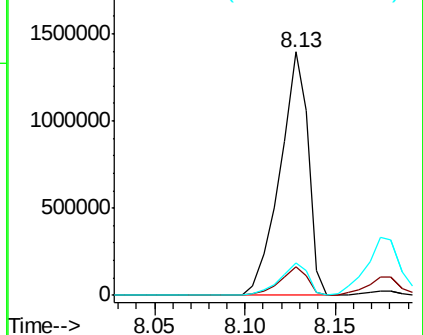
#31
Naphthalene
Concen: 36.006 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion:128 Resp: 1515084
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.5 11.0 16.6

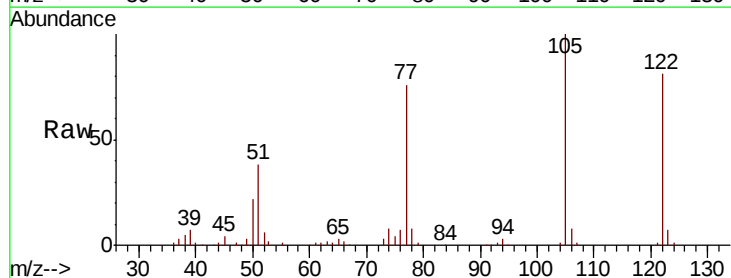


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

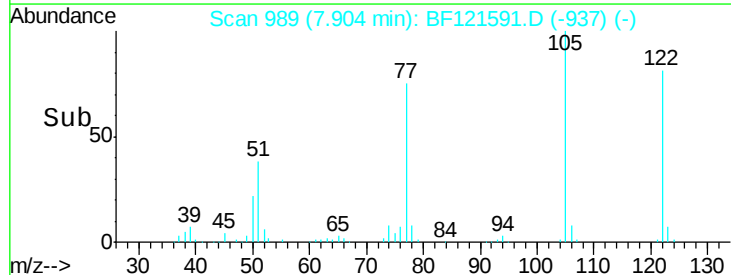
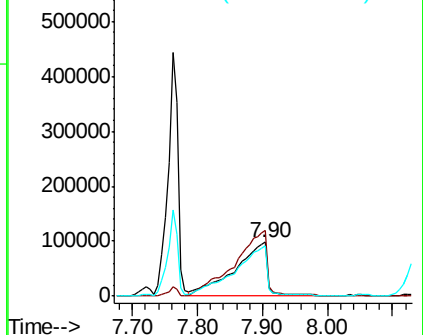


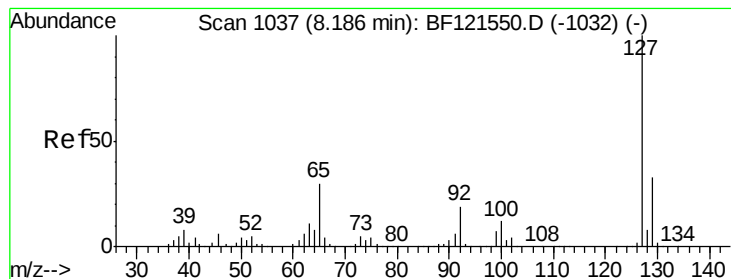
#32
Benzoic acid
Concen: 36.045 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:122 Resp: 338657
Ion Ratio Lower Upper
122 100
105 123.3 100.5 140.5
77 93.1 72.6 112.6



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: 25.256 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

Tot Ion:127 Resp: 460659

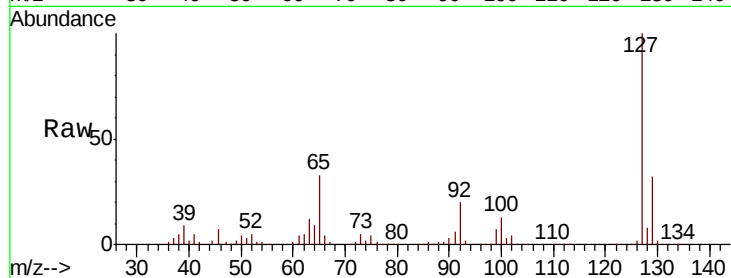
Ion Ratio Lower Upper

127 100

129 31.6 26.4 39.6

65 32.9 24.4 36.6

92 20.4 15.4 23.2

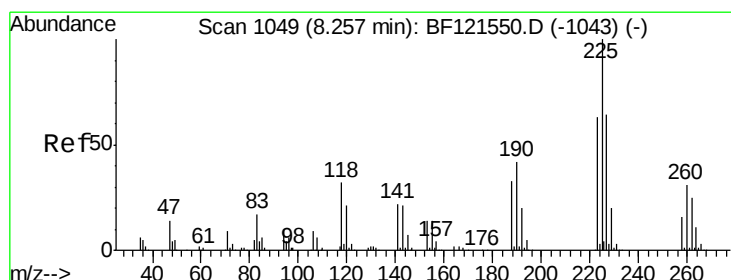
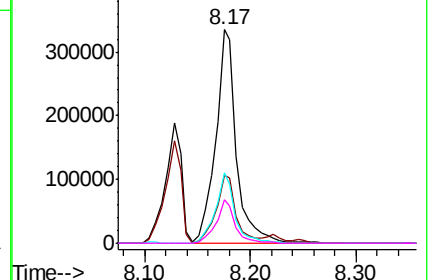
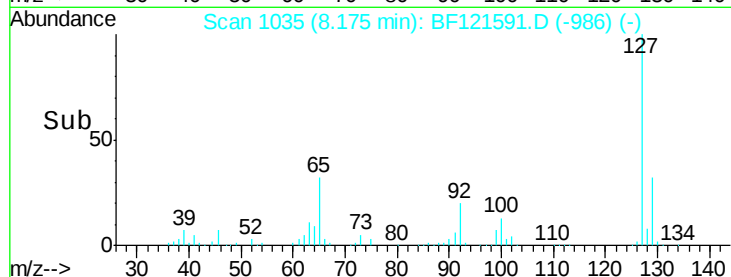


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.163 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

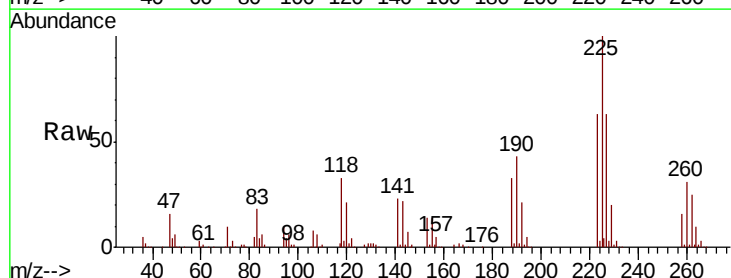
Tgt Ion:225 Resp: 279135

Ion Ratio Lower Upper

225 100

223 63.5 50.2 75.2

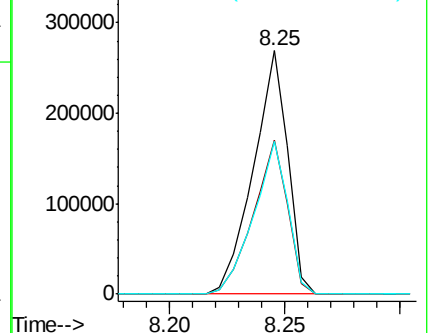
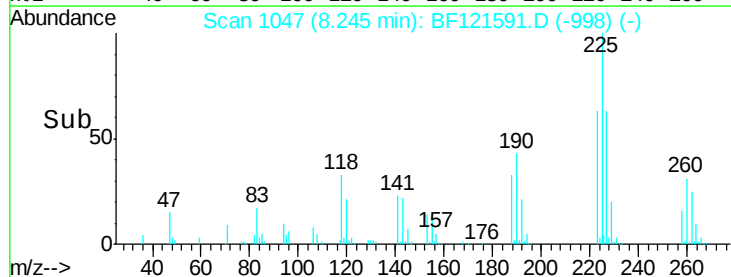
227 62.8 51.0 76.4

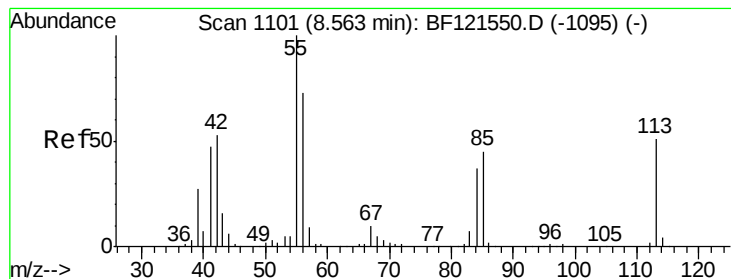


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.639 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

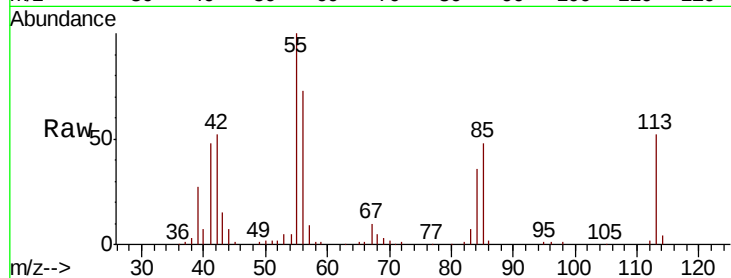
Tot Ion:113 Resp: 87557

Ion Ratio Lower Upper

113 100

55 190.5 176.2 216.2

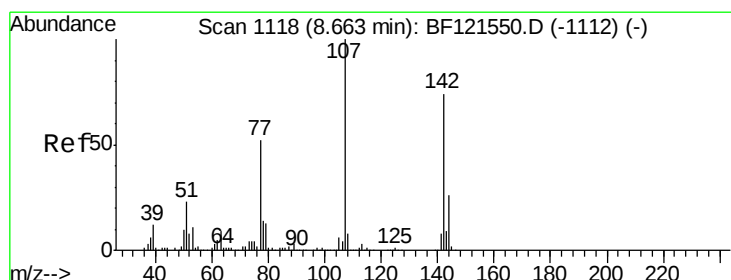
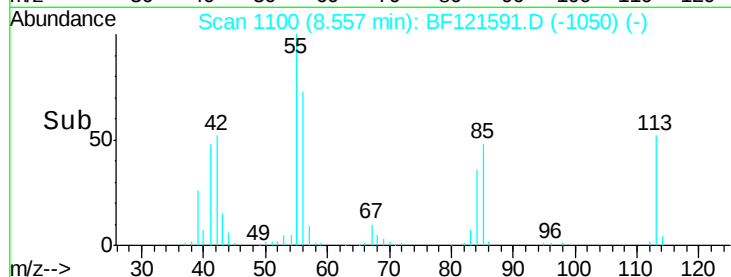
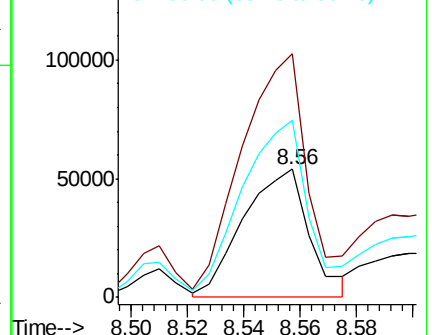
56 138.4 123.9 163.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.732 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

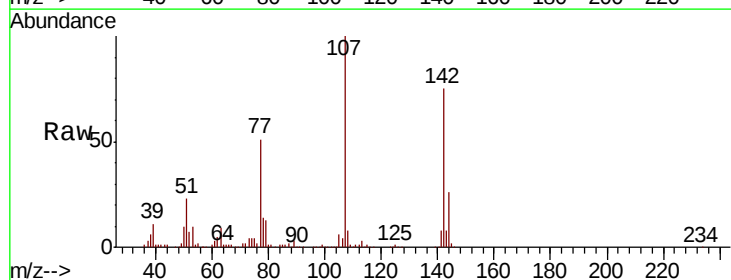
Tgt Ion:107 Resp: 480786

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

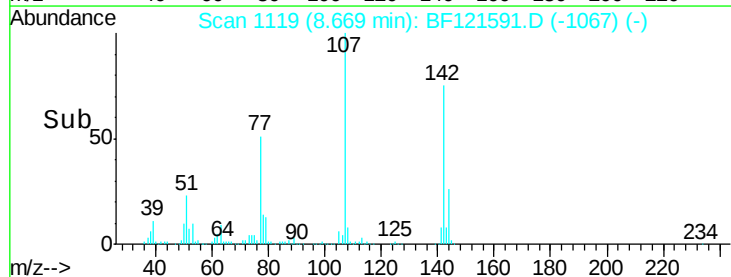
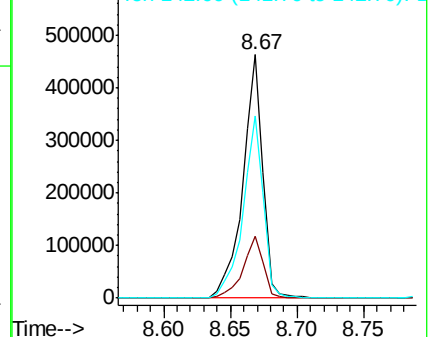
142 74.7 59.5 89.3

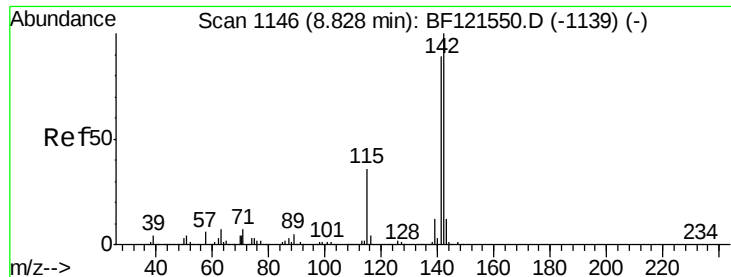


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

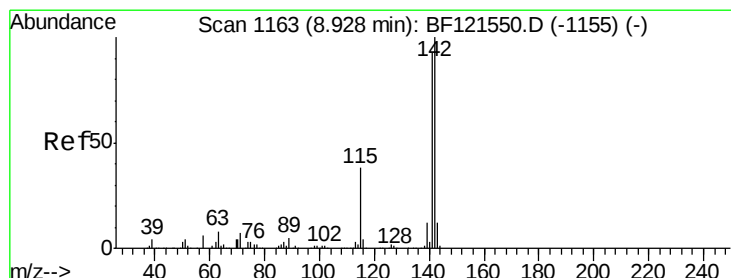
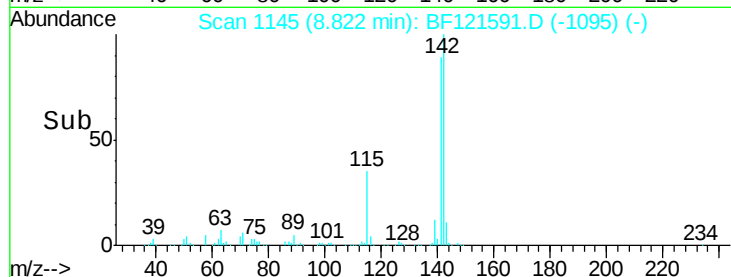
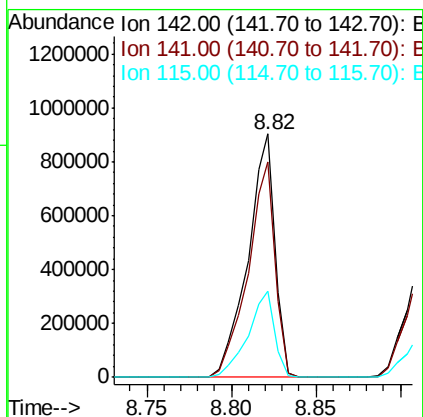
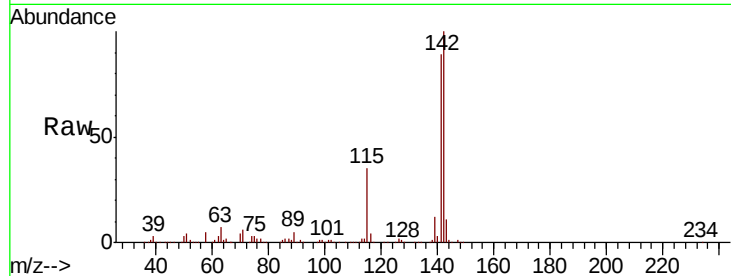




#37
2-Methylnaphthalene
Concen: 36.775 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

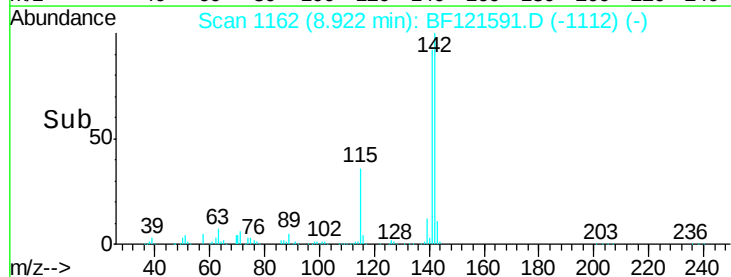
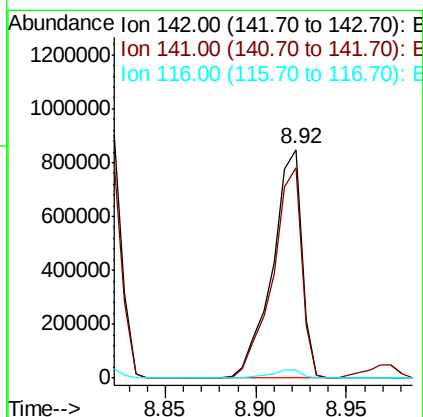
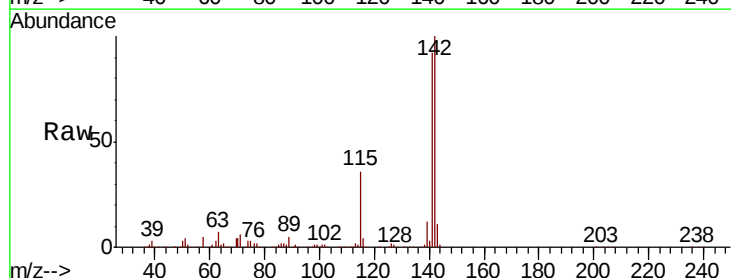
Instrument :
BNA_F
ClientSampleId :
PB131616BS

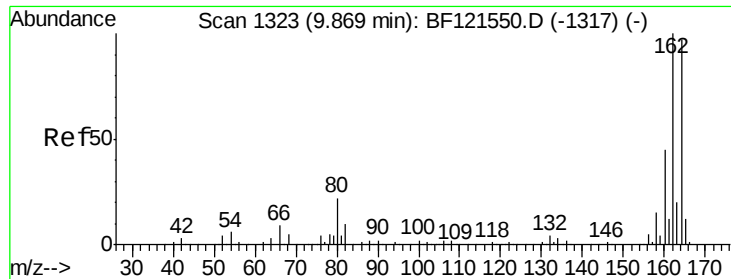
Tot Ion:142 Resp: 1014089
Ion Ratio Lower Upper
142 100
141 88.6 71.5 107.3
115 35.1 28.7 43.1



#38
1-Methylnaphthalene
Concen: 37.413 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:142 Resp: 960151
Ion Ratio Lower Upper
142 100
141 92.1 74.8 112.2
116 3.6 3.0 4.6

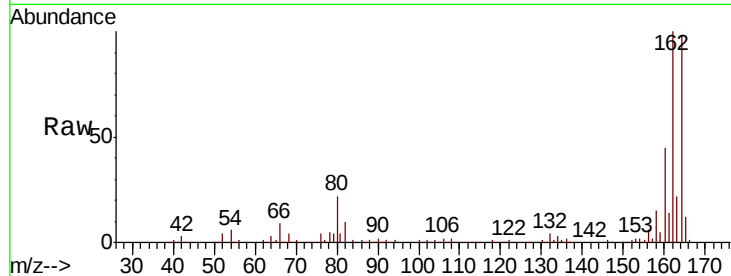




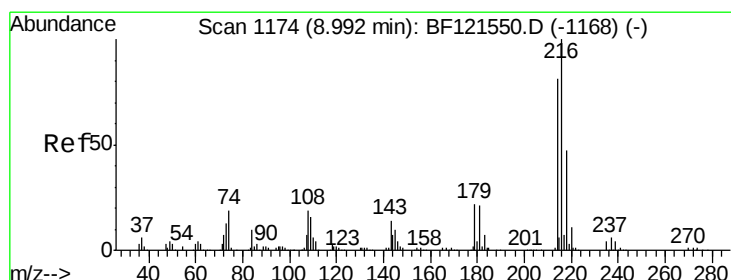
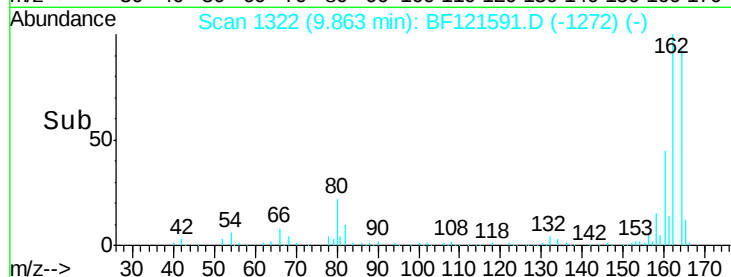
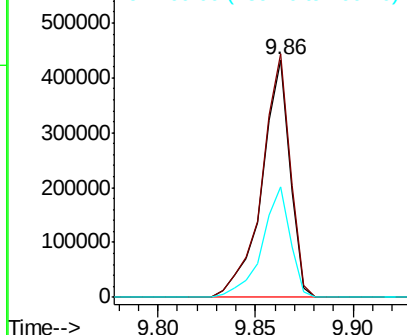
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion:164 Resp: 432129
Ion Ratio Lower Upper
164 100
162 102.5 82.3 123.5
160 46.4 37.0 55.4

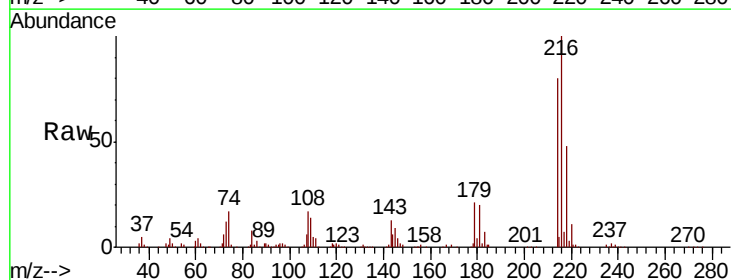


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

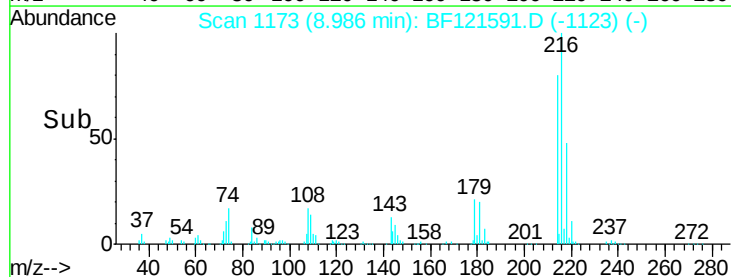
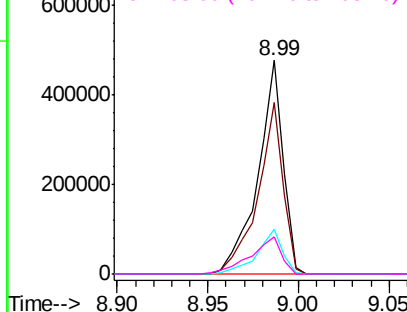


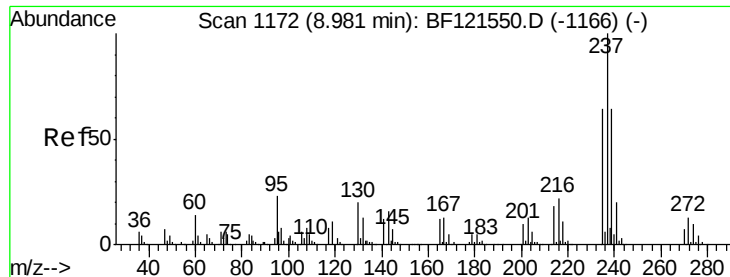
#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.256 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:216 Resp: 462402
Ion Ratio Lower Upper
216 100
214 79.8 63.8 95.8
179 20.8 16.6 25.0
108 21.2 15.8 23.6



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: 66.892 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

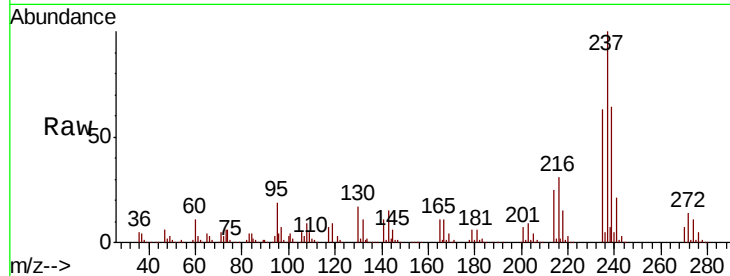
Tot Ion:237 Resp: 515638

Ion Ratio Lower Upper

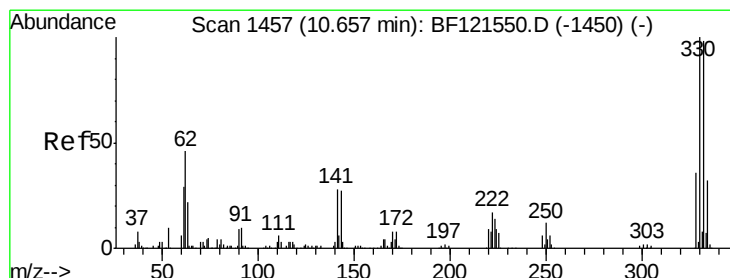
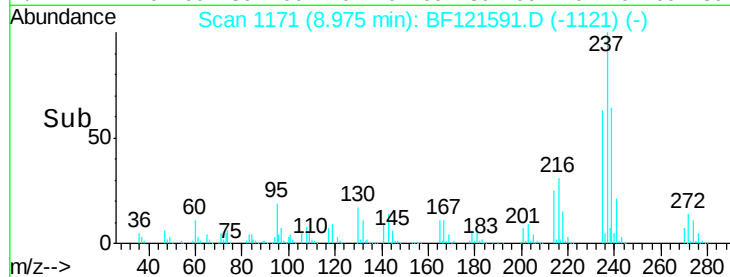
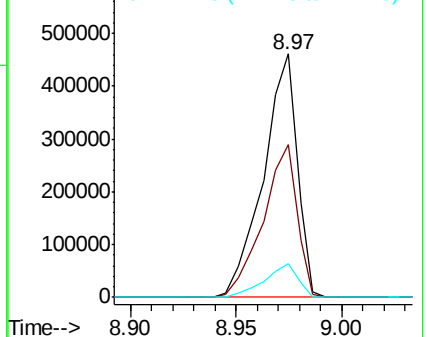
237 100

235 62.9 44.0 84.0

272 14.0 0.0 33.4



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: 97.001 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

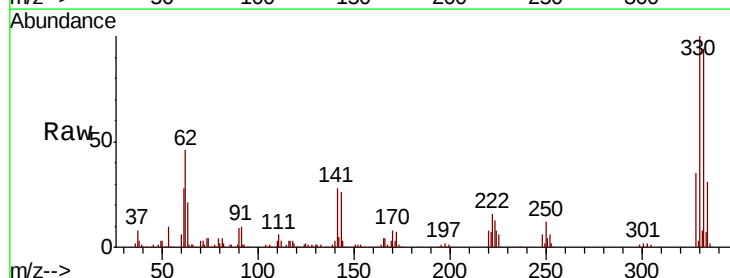
Tgt Ion:330 Resp: 520971

Ion Ratio Lower Upper

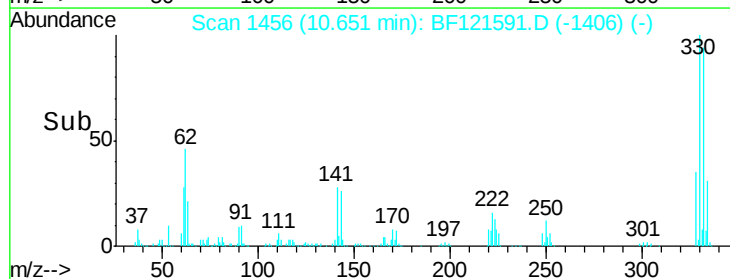
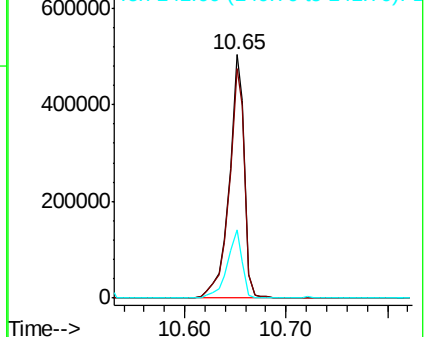
330 100

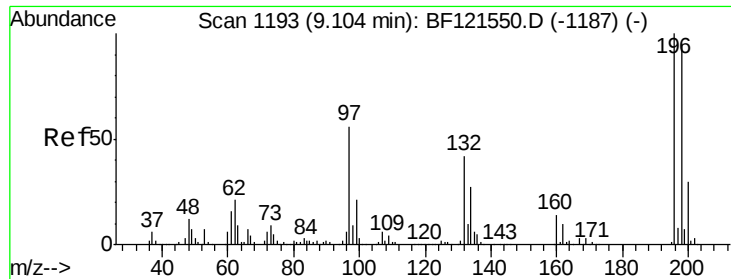
332 96.3 77.1 115.7

141 28.1 23.6 35.4



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

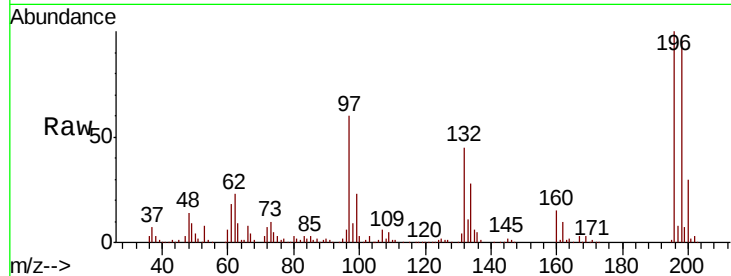




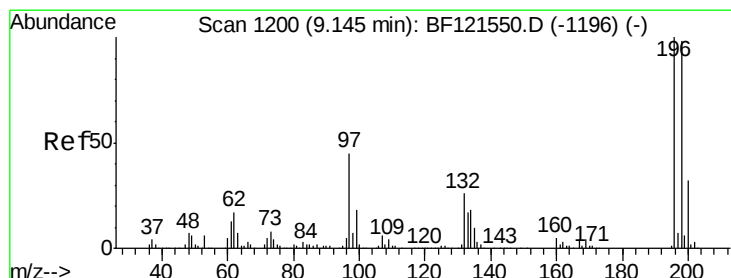
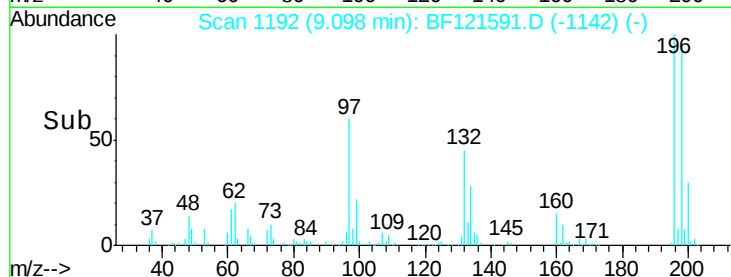
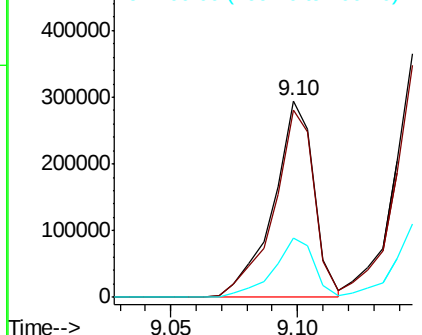
#43
 2,4,6-Trichlorophenol
 Concen: 35.856 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Instrument :
 BNA_F
 ClientSampleID :
 PB131616BS

Tot Ion:196	Resp:	329896
Ion Ratio	Lower	Upper
196	100	
198	95.5	75.6 113.4
200	30.4	24.0 36.0

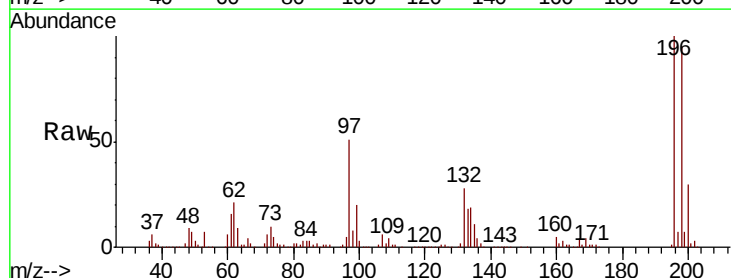


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

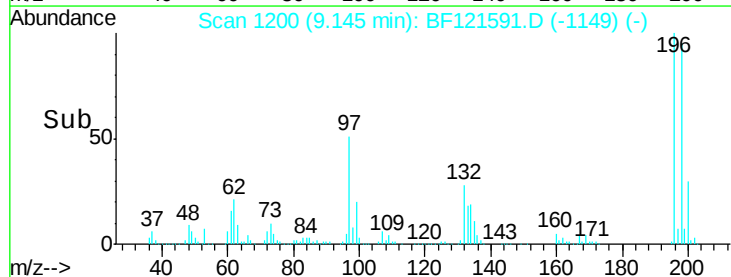
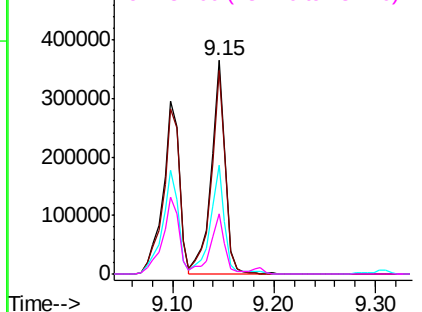


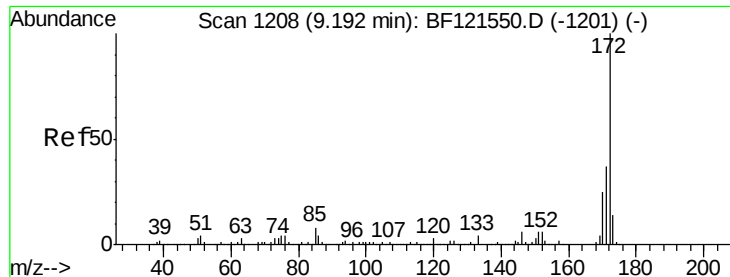
#44
 2,4,5-Trichlorophenol
 Concen: 36.066 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion:196	Resp:	350795
Ion Ratio	Lower	Upper
196	100	
198	95.4	78.1 117.1
97	51.0	36.8 55.2
132	28.2	20.9 31.3



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

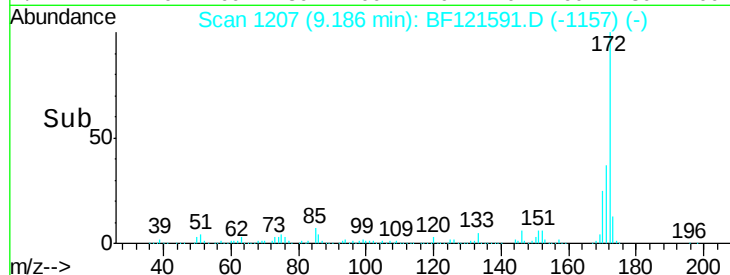
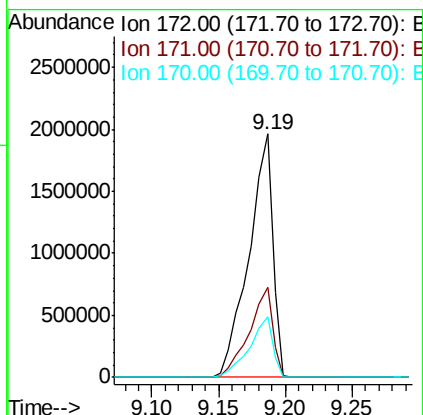
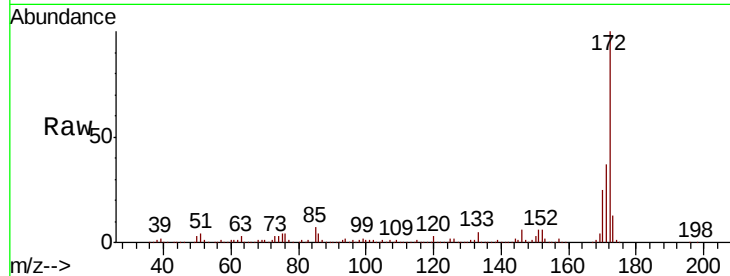




#45
2-Fluorobiphenyl
Concen: 84.680 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

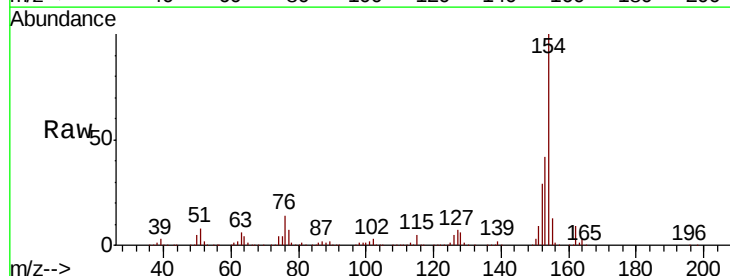
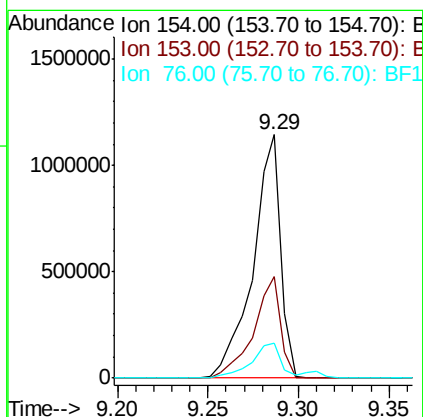
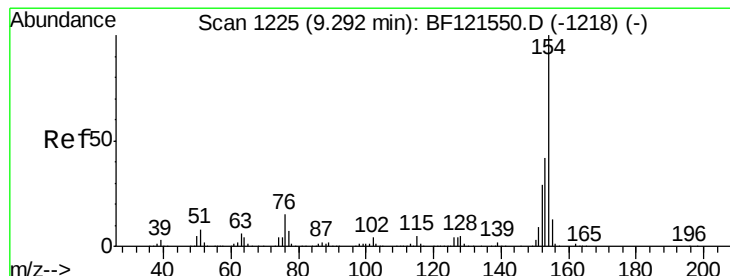
Instrument :
BNA_F
ClientSampleId :
PB131616BS

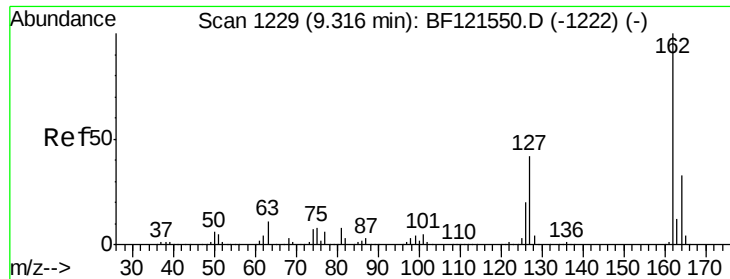
Tot Ion:172 Resp: 2416111
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.8 19.8 29.8



#46
1,1'-Biphenyl
Concen: 35.040 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:154 Resp: 1212204
Ion Ratio Lower Upper
154 100
153 41.9 21.7 61.7
76 14.2 0.0 35.5

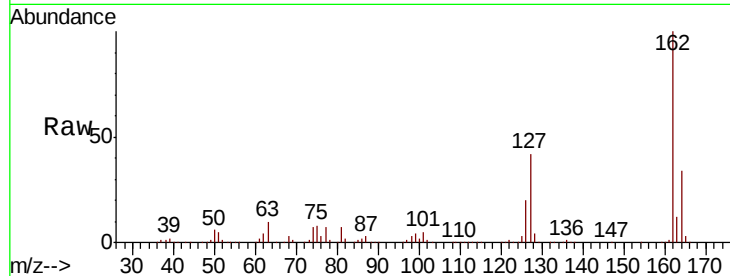




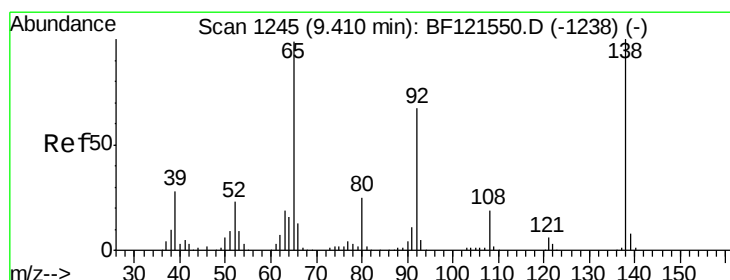
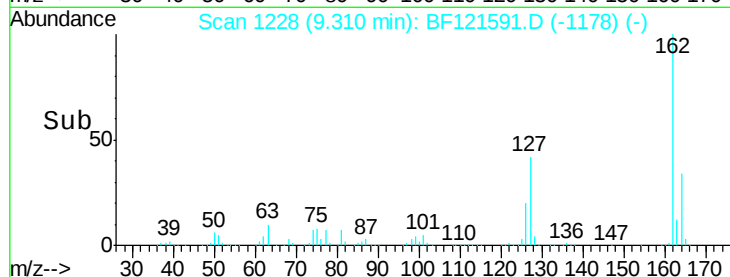
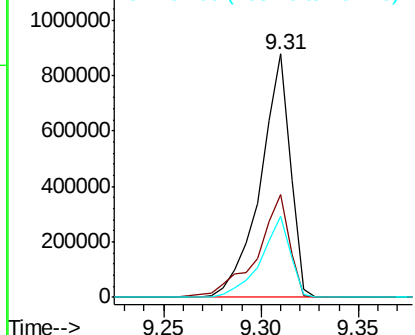
#47
2-Chloronaphthalene
Concen: 34.179 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion:162 Resp: 931762
Ion Ratio Lower Upper
162 100
127 42.2 33.9 50.9
164 33.5 26.7 40.1

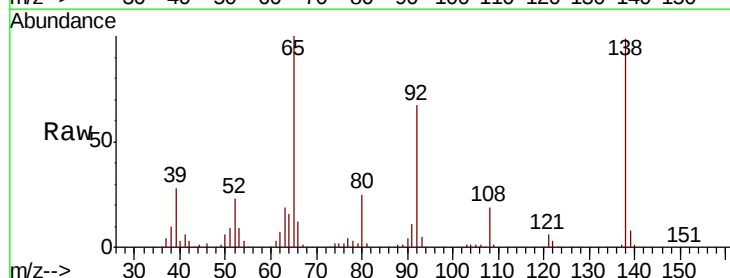


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

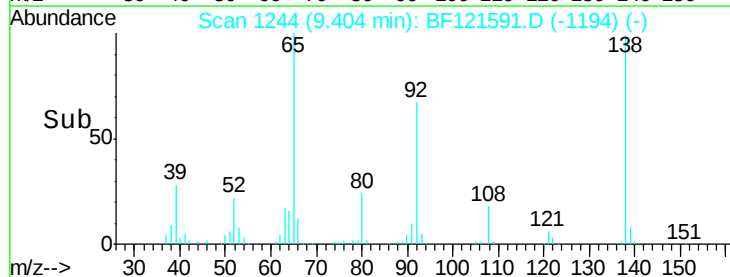
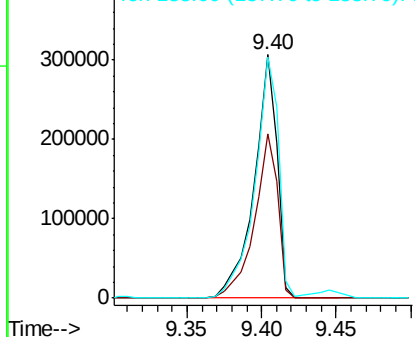


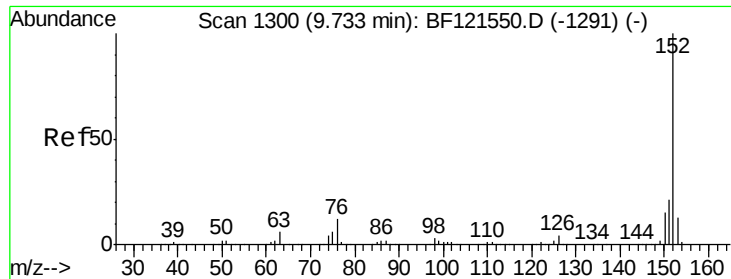
#48
2-Nitroaniline
Concen: 37.993 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion: 65 Resp: 321863
Ion Ratio Lower Upper
65 100
92 67.3 54.2 81.4
138 98.8 80.8 121.2



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: 35.464 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

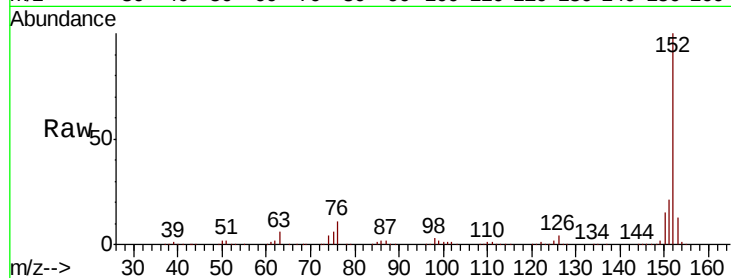
Tot Ion:152 Resp: 1485448

Ion Ratio Lower Upper

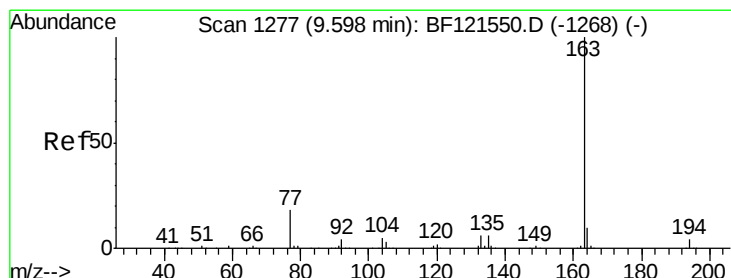
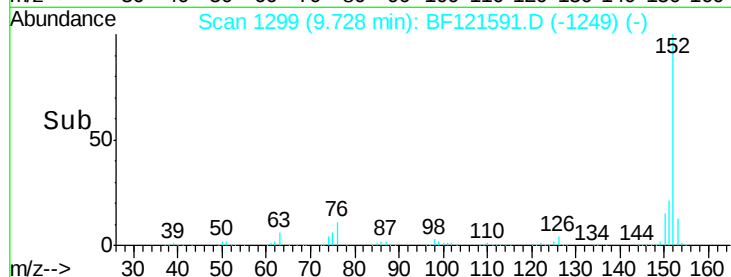
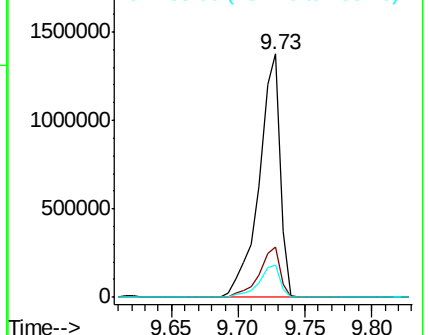
152 100

151 20.9 16.6 24.8

153 13.3 10.7 16.1



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: 36.501 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

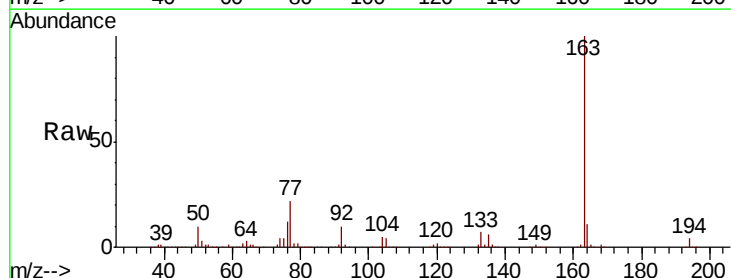
Tgt Ion:163 Resp: 1143211

Ion Ratio Lower Upper

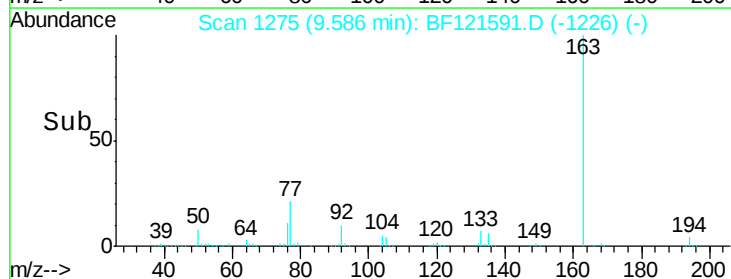
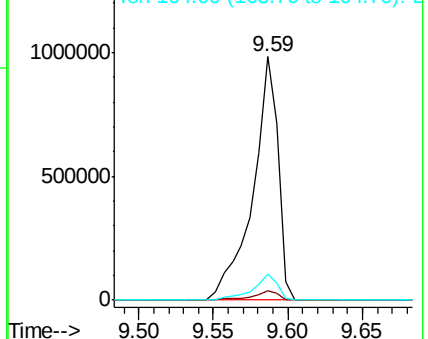
163 100

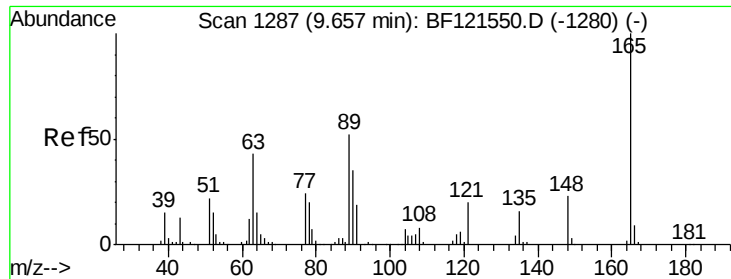
194 4.0 3.4 5.0

164 10.5 7.9 11.9



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

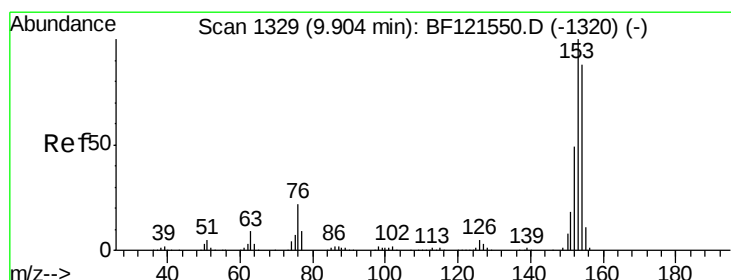
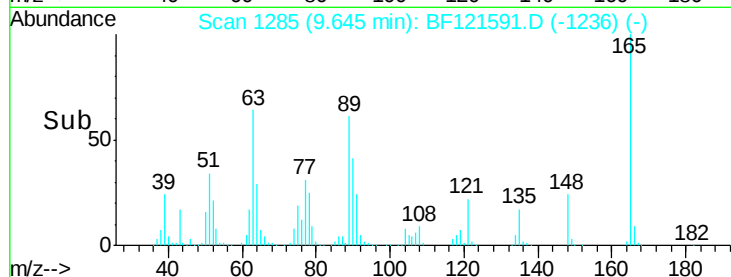
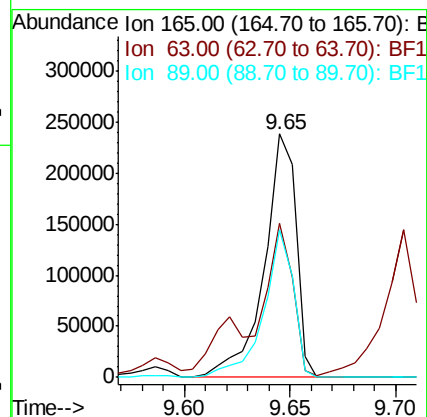
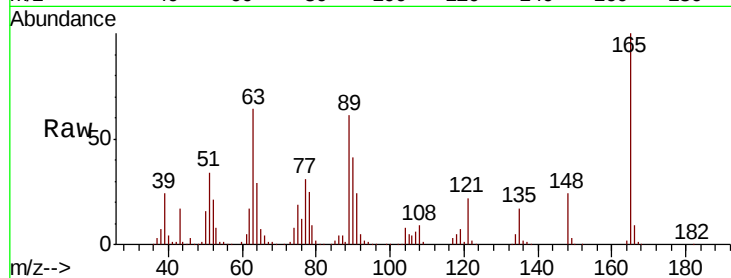




#51
2,6-Dinitrotoluene
Concen: 37.552 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

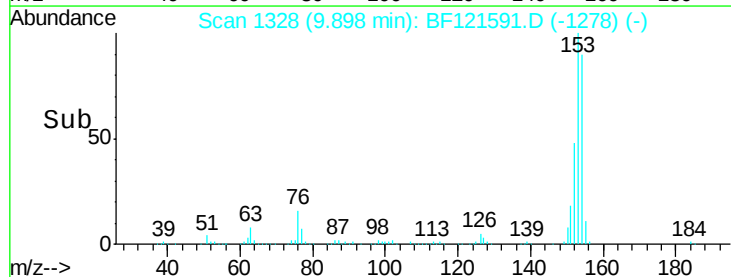
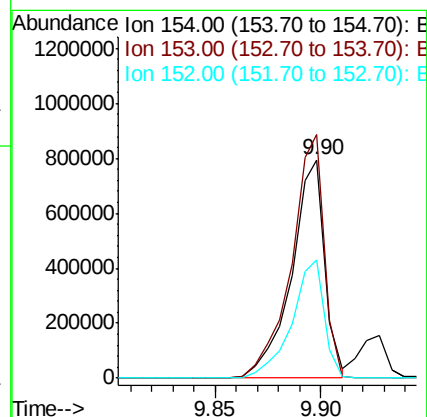
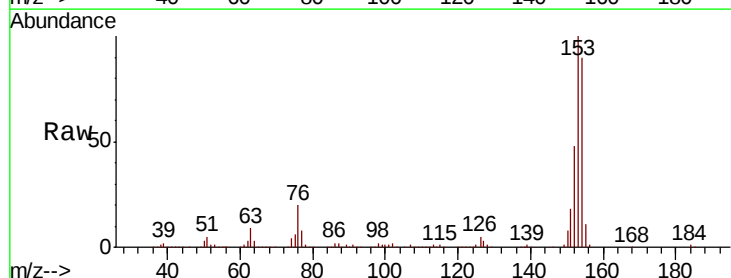
Instrument :
BNA_F
ClientSampleId :
PB131616BS

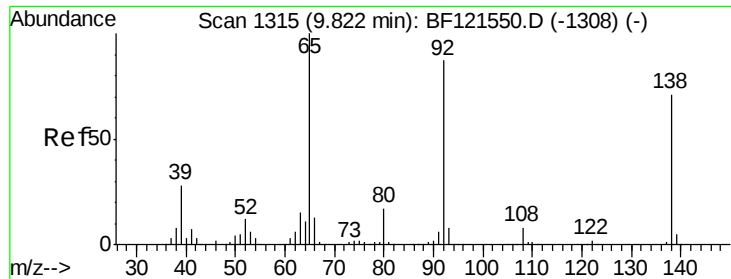
Tot Ion:165 Resp: 250478
Ion Ratio Lower Upper
165 100
63 63.5 40.6 61.0#
89 60.5 41.8 62.8



#52
Acenaphthene
Concen: 32.982 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:154 Resp: 872582
Ion Ratio Lower Upper
154 100
153 111.5 91.0 136.4
152 53.9 44.2 66.2

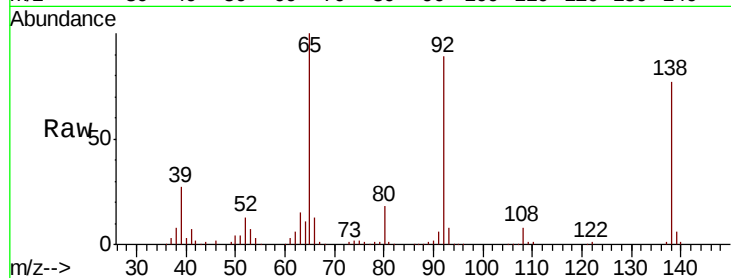




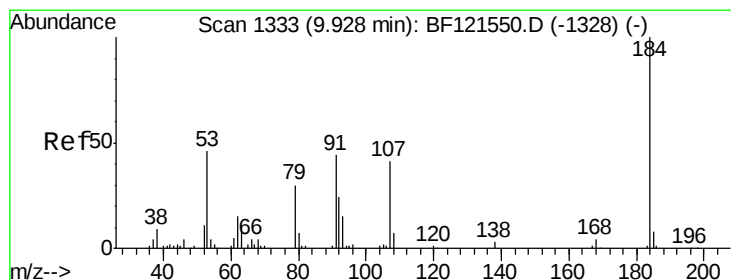
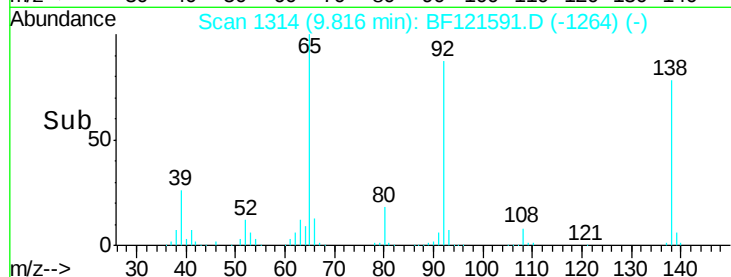
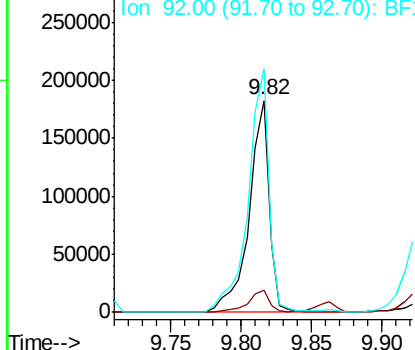
#53
3-Nitroaniline
Concen: 23.853 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion:138 Resp: 184310
Ion Ratio Lower Upper
138 100
108 10.5 9.0 13.6
92 114.7 97.4 146.0

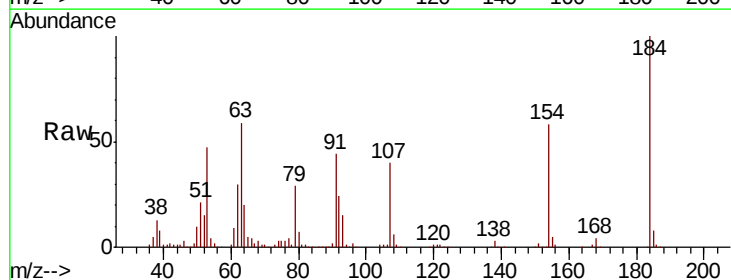


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

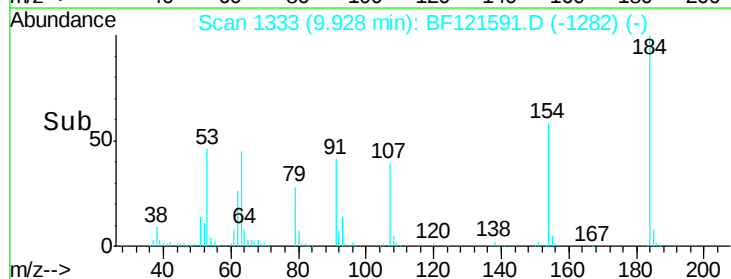
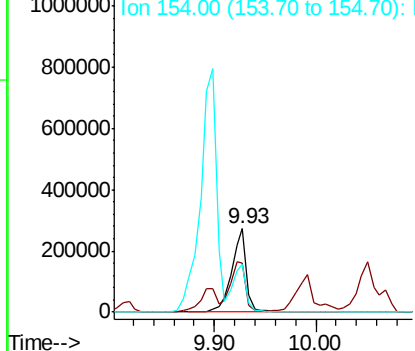


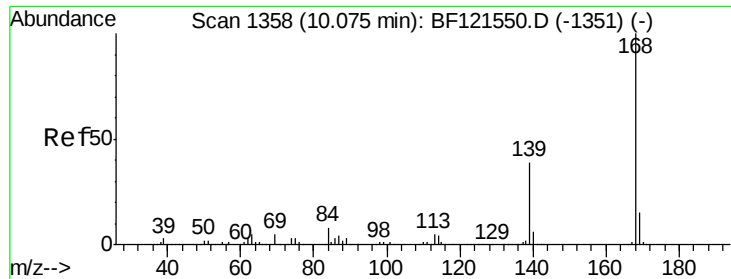
#54
2,4-Dinitrophenol
Concen: 72.261 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:184 Resp: 274203
Ion Ratio Lower Upper
184 100
63 59.4 47.7 71.5
154 57.6 47.2 70.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

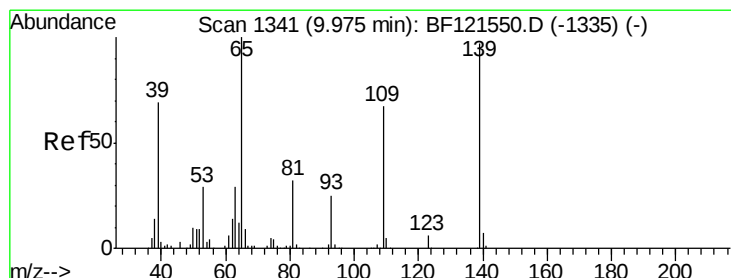
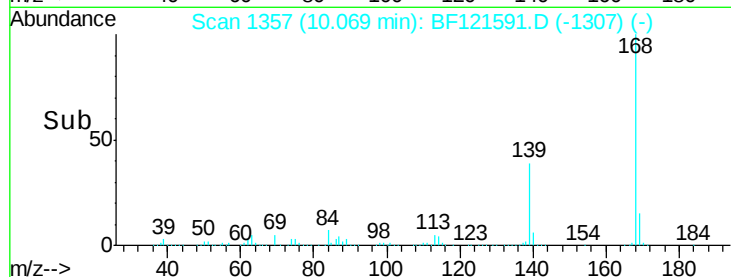
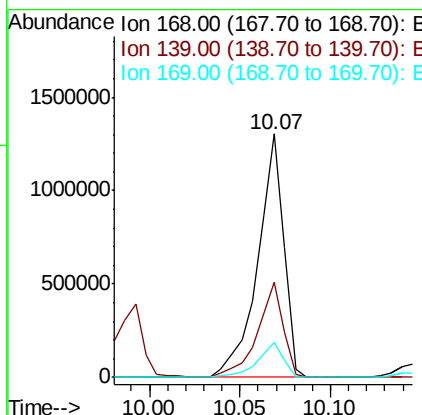
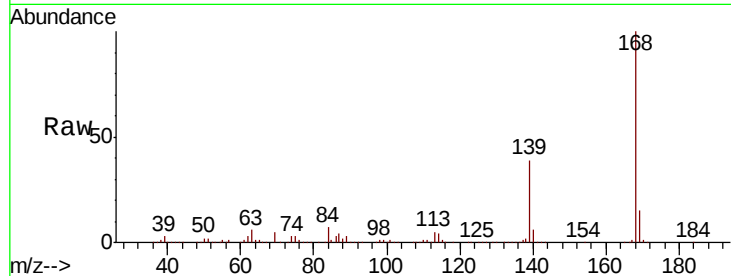




#55
Dibenzofuran
Concen: 35.051 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

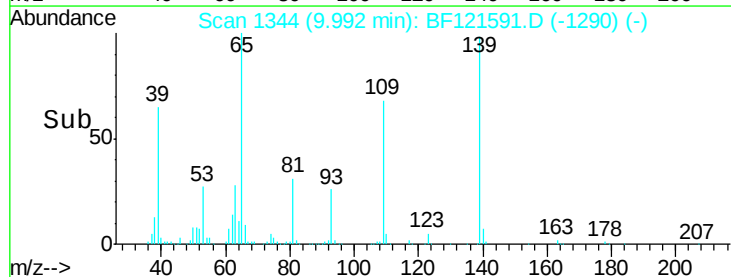
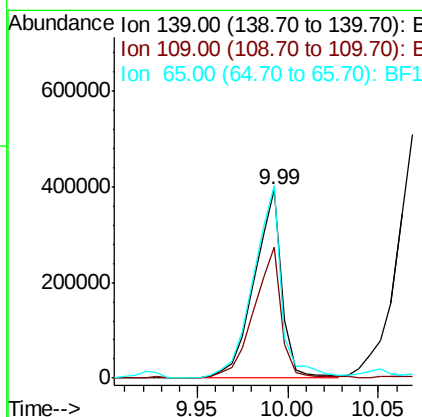
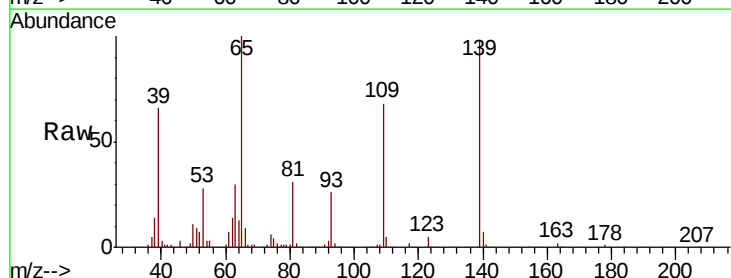
Instrument :
BNA_F
ClientSampleId :
PB131616BS

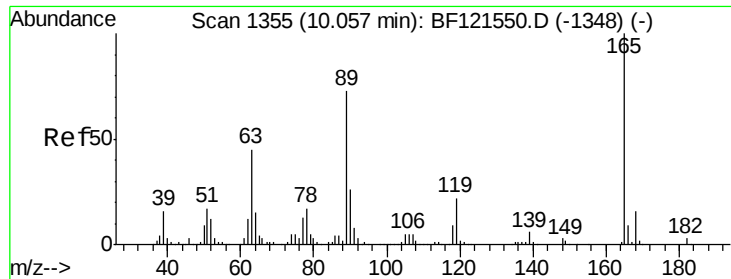
Tot Ion:168 Resp: 1305888
Ion Ratio Lower Upper
168 100
139 39.1 31.4 47.0
169 14.6 11.9 17.9



#56
4-Nitrophenol
Concen: 67.975 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:139 Resp: 418878
Ion Ratio Lower Upper
139 100
109 69.7 48.8 88.8
65 102.1 83.6 123.6

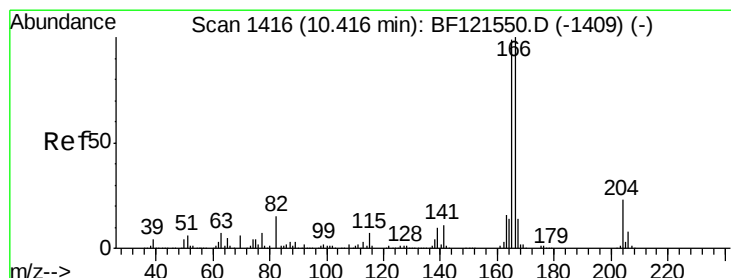
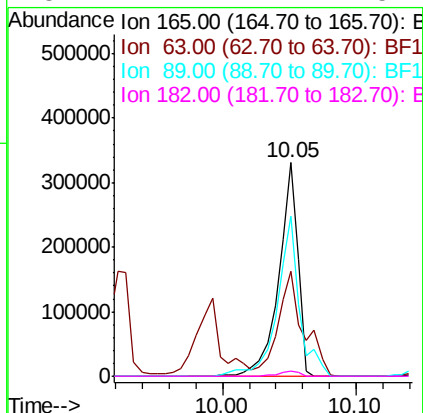
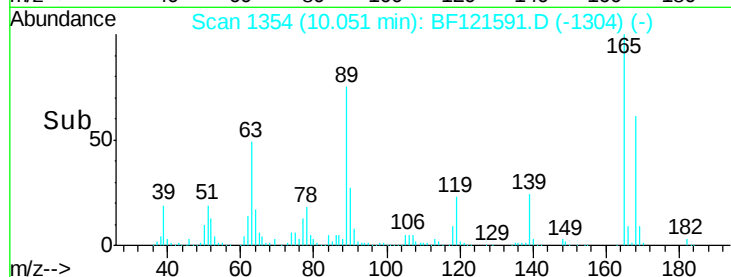
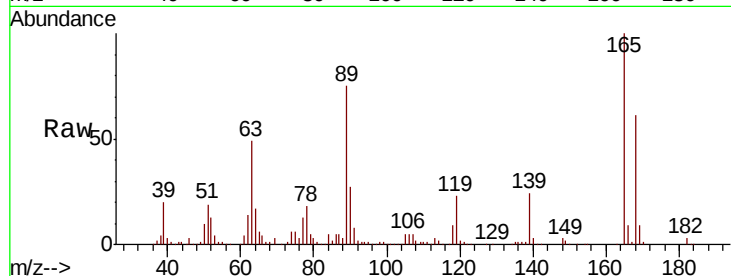




#57
 2,4-Dinitrotoluene
 Concen: 39.739 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

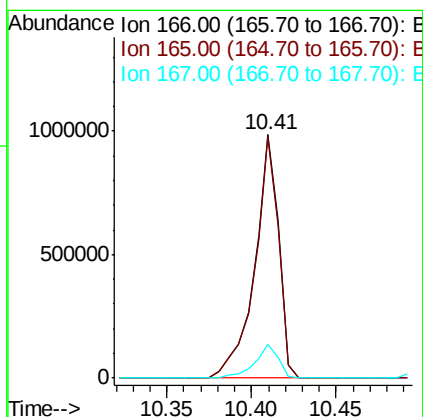
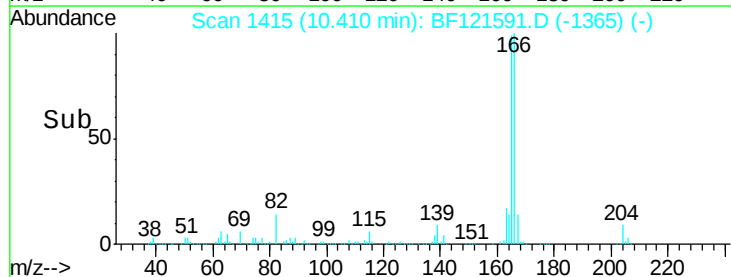
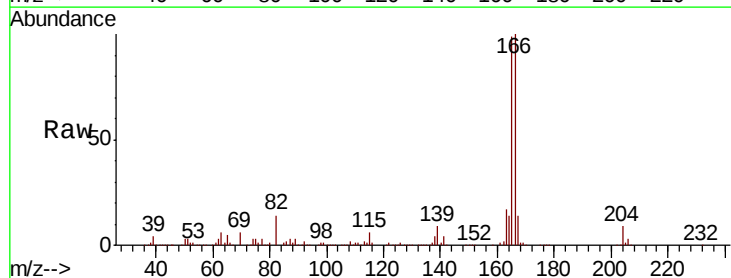
Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

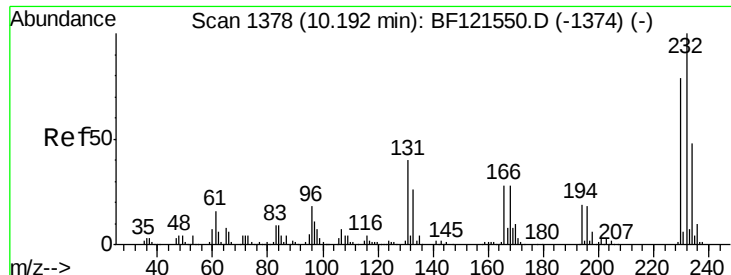
Tot Ion:	165	Resp:	333467
Ion	Ratio	Lower	Upper
165	100		
63	49.1	36.2	54.4
89	75.2	58.2	87.4
182	2.7	2.2	3.2



#58
 Fluorene
 Concen: 34.313 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion:	166	Resp:	977639
Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.4
167	13.6	11.0	16.6

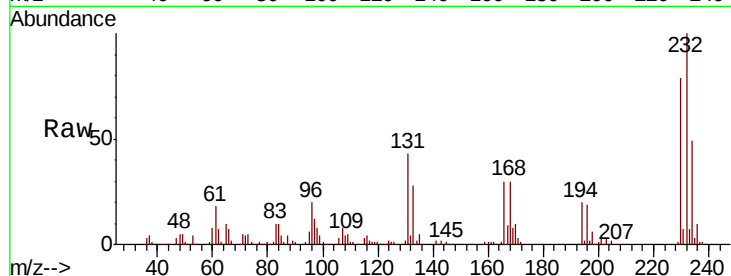




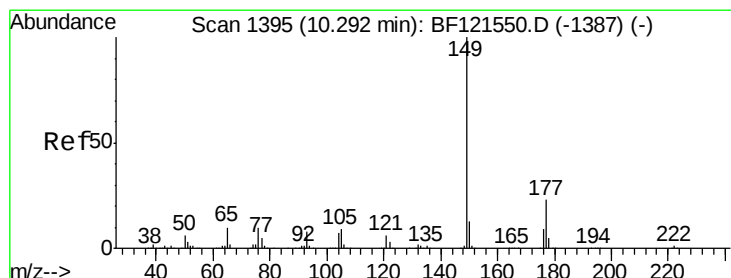
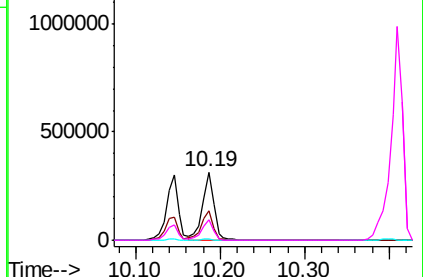
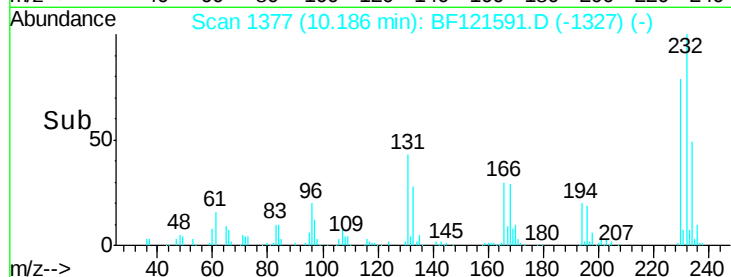
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.409 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

Tot Ion:	232	Resp:	295809
Ion	Ratio	Lower	Upper
232	100		
131	42.5	36.3	54.5
130	2.2	1.9	2.9
166	28.9	23.9	35.9

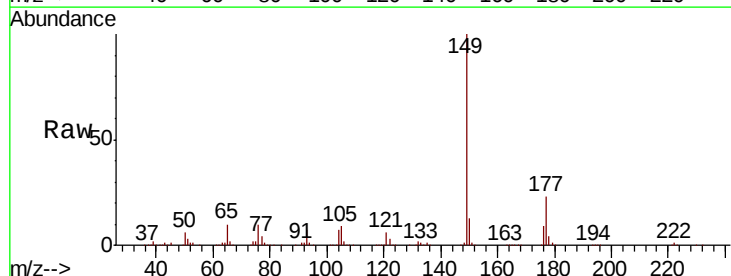


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

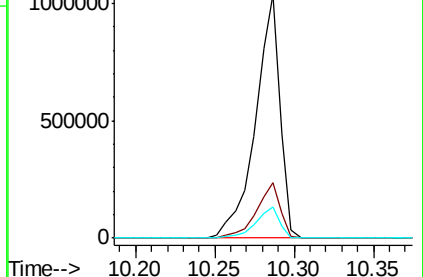
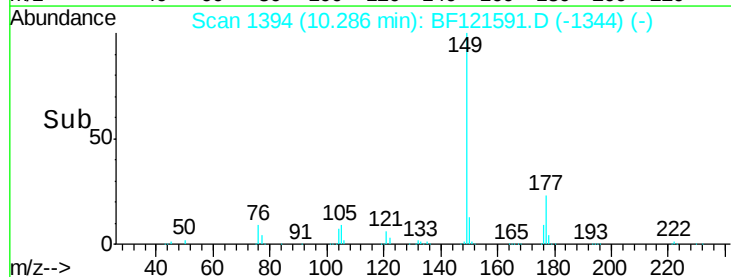


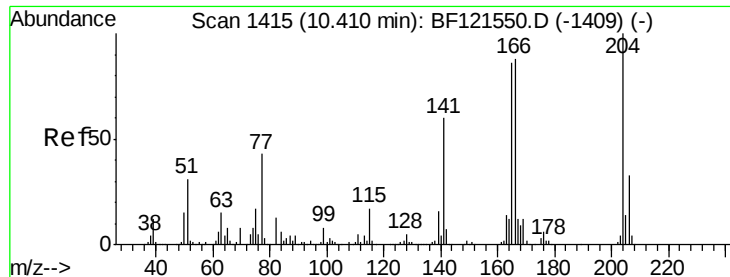
#60
 Diethylphthalate
 Concen: 36.562 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion:	149	Resp:	1116476
Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.2	27.2
150	12.6	10.2	15.2



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

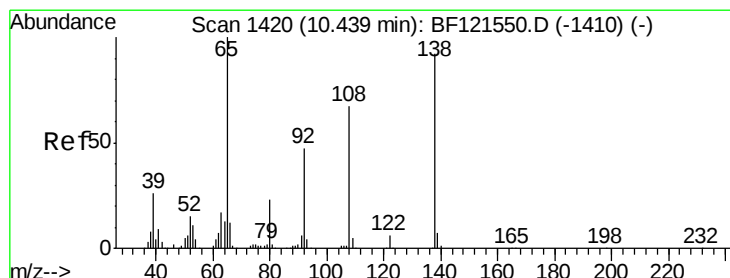
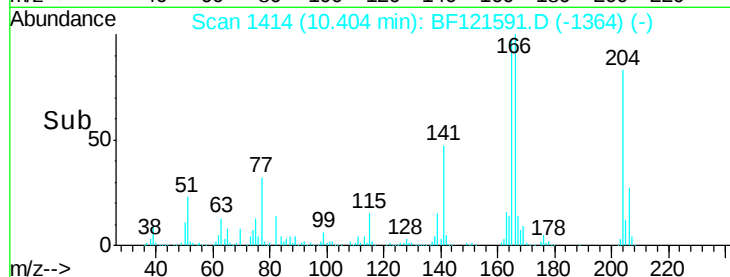
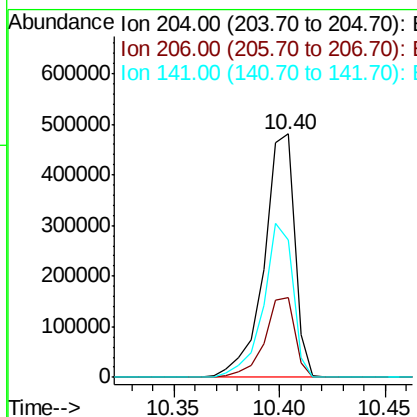
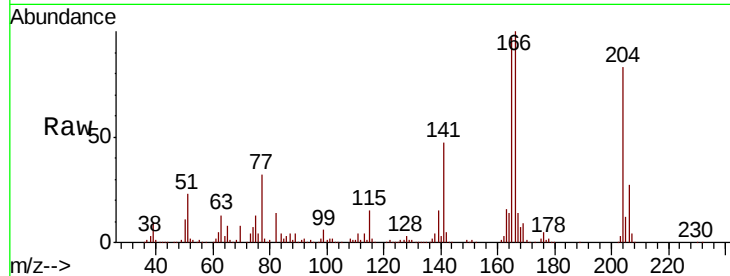




#61
 4-Chlorophenyl-phenylether
 Concen: 35.582 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

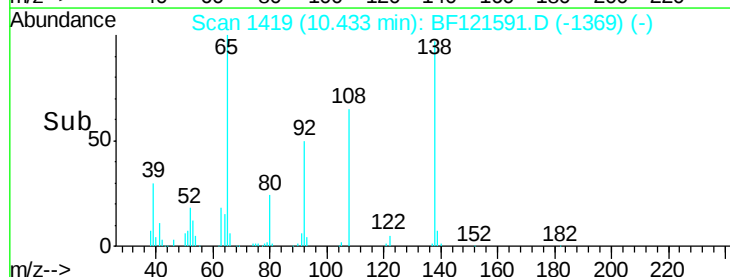
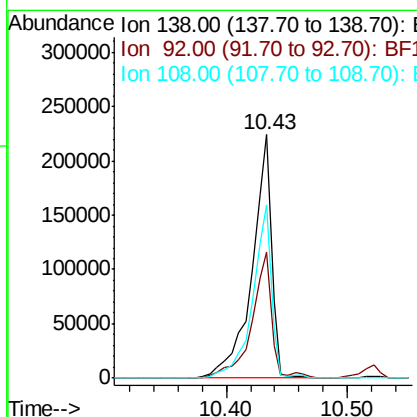
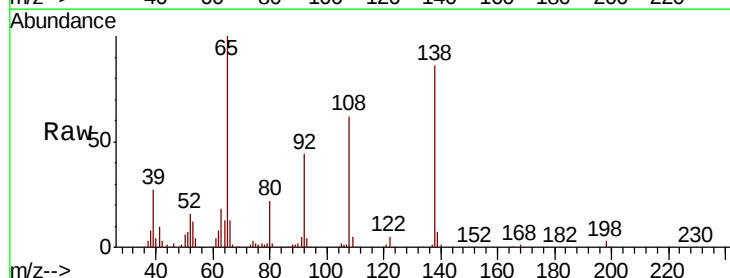
Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

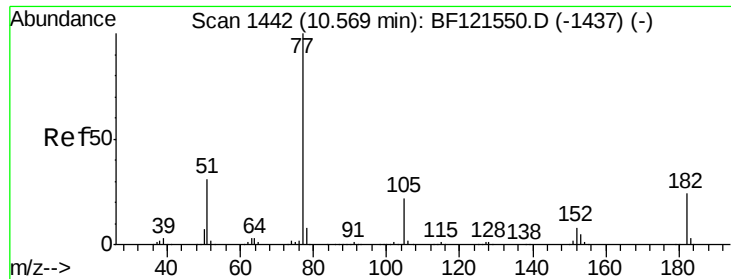
Tot Ion:	204	Resp:	485638
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.4	39.6
141	56.3	48.3	72.5



#62
 4-Nitroaniline
 Concen: 33.225 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion:	138	Resp:	254908
Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.4	71.4
108	71.4	52.4	92.4

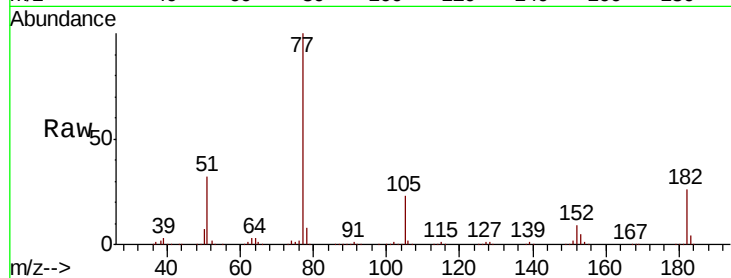




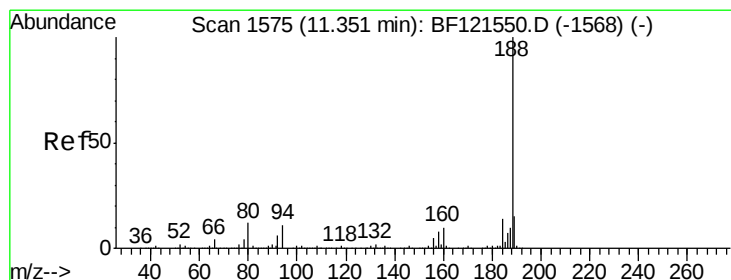
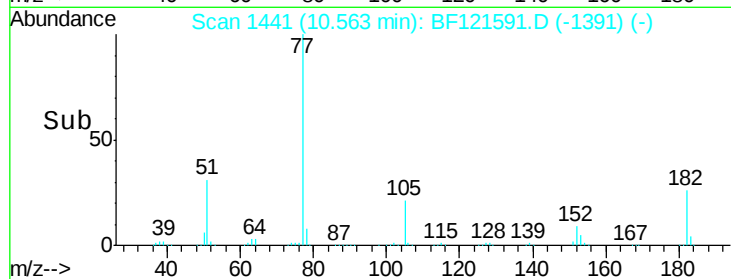
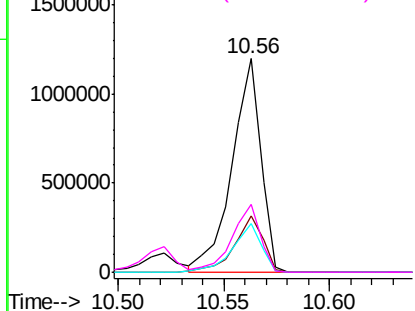
#63
Azobenzene
Concen: 34.519 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion: 77 Resp: 1122518
Ion Ratio Lower Upper
77 100
182 26.1 3.9 43.9
105 22.6 2.2 42.2
51 31.6 11.1 51.1

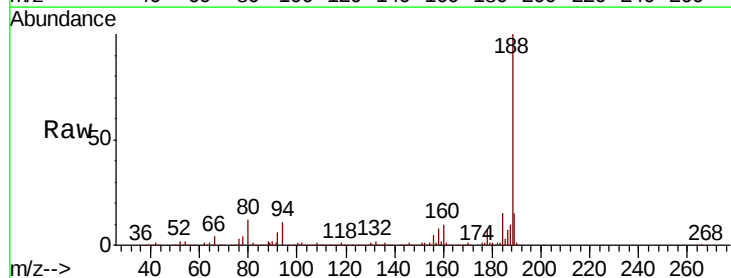


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

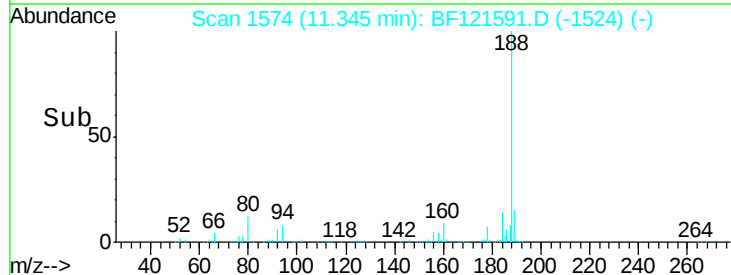
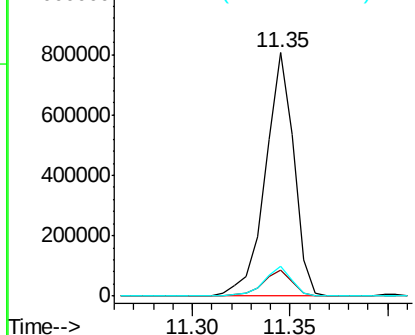


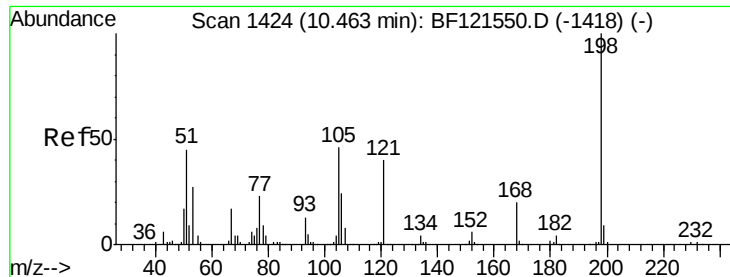
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion: 188 Resp: 811066
Ion Ratio Lower Upper
188 100
94 10.8 8.7 13.1
80 12.0 9.3 13.9



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

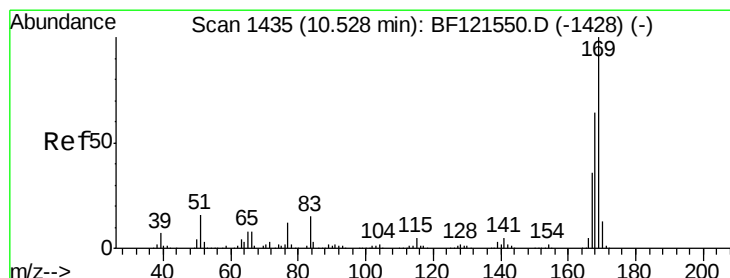
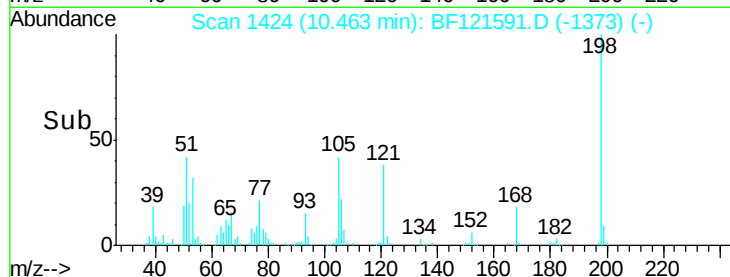
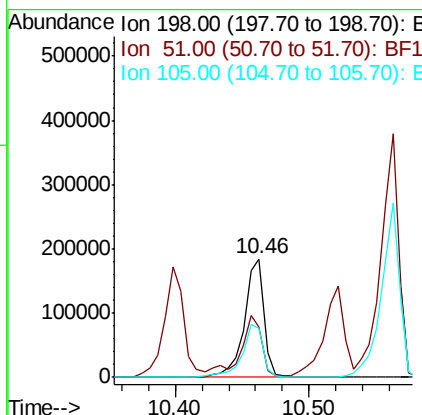
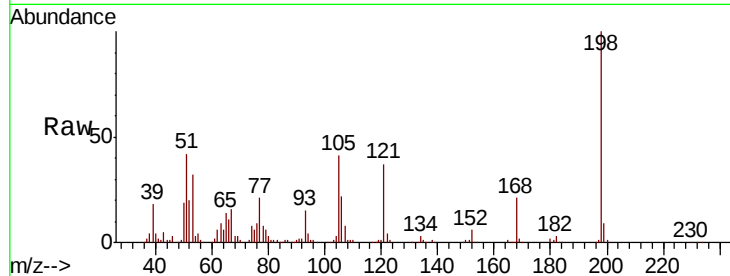




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.161 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

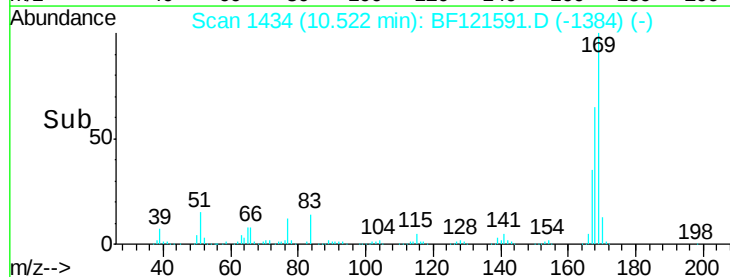
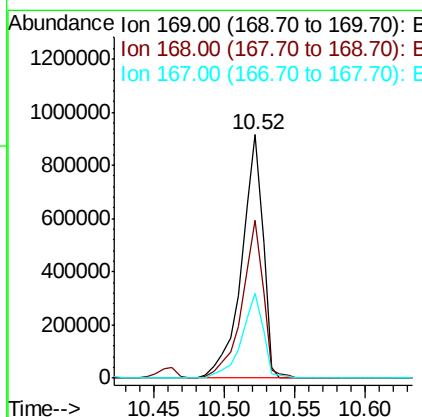
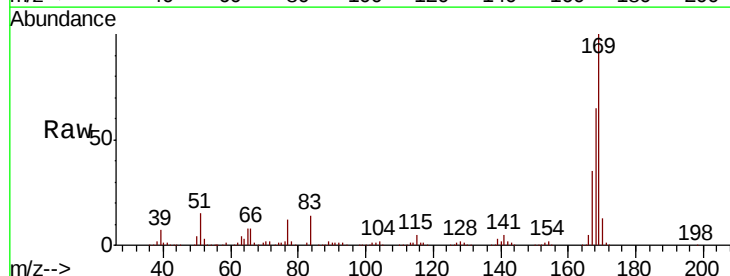
Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

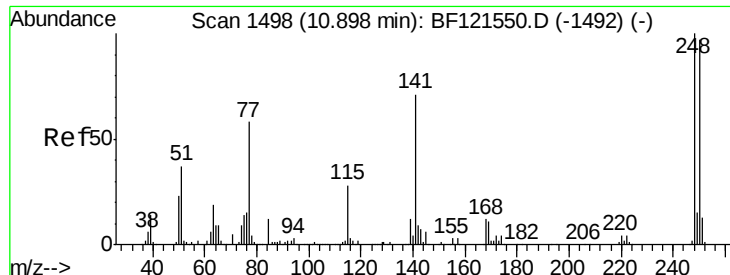
Tot Ion	Ratio	Lower	Upper
198	100		
51	42.4	31.1	71.1
105	41.4	26.6	66.6



#66
 n-Nitrosodiphenylamine
 Concen: 34.579 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.7	51.2	76.8
167	35.0	28.9	43.3

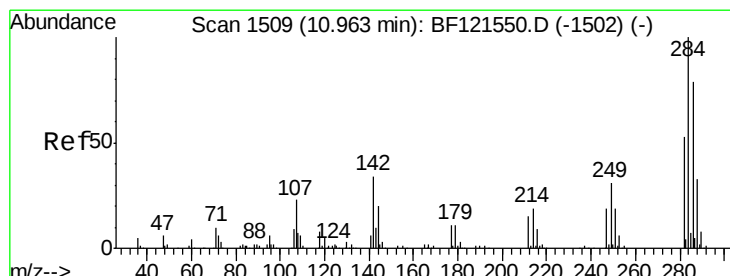
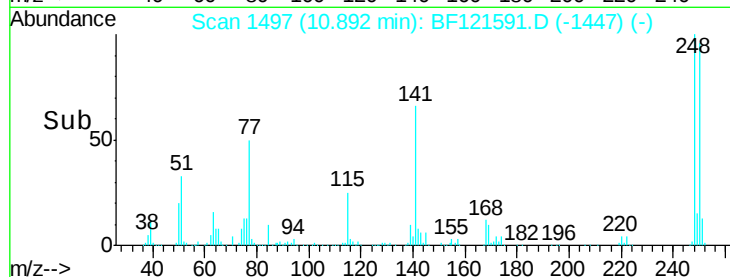
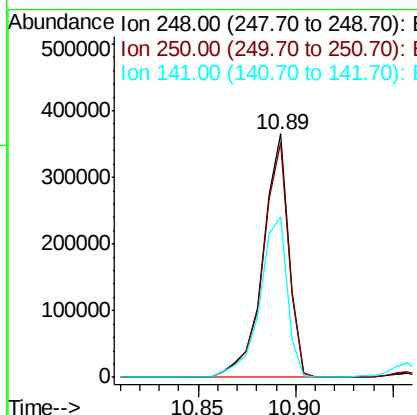
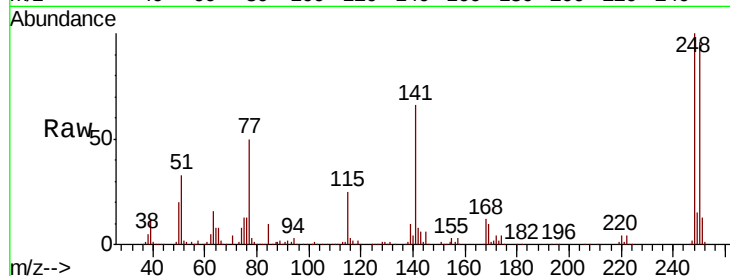




#67
 4-Bromophenyl-phenylether
 Concen: 36.107 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

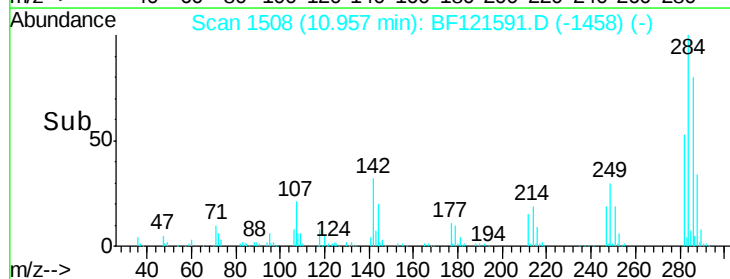
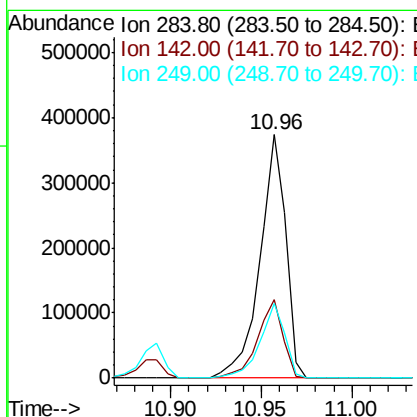
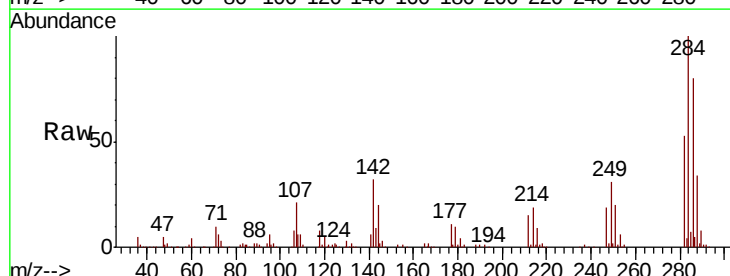
Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

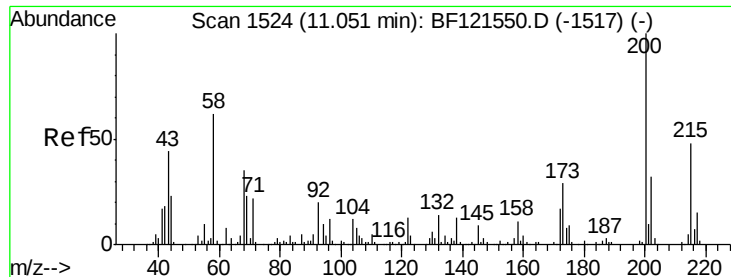
Tot Ion:248 Resp: 333428
 Ion Ratio Lower Upper
 248 100
 250 96.1 77.4 116.0
 141 65.9 56.7 85.1



#68
 Hexachlorobenzene
 Concen: 35.468 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion:284 Resp: 369624
 Ion Ratio Lower Upper
 284 100
 142 32.4 27.0 40.4
 249 30.6 24.7 37.1

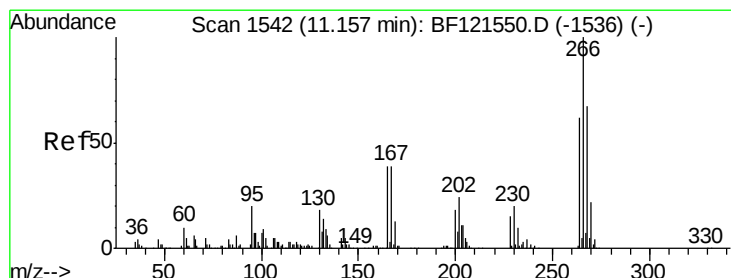
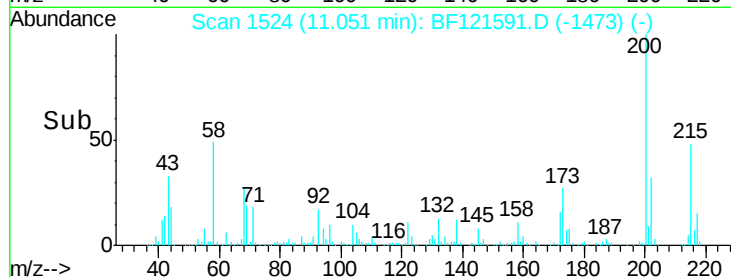
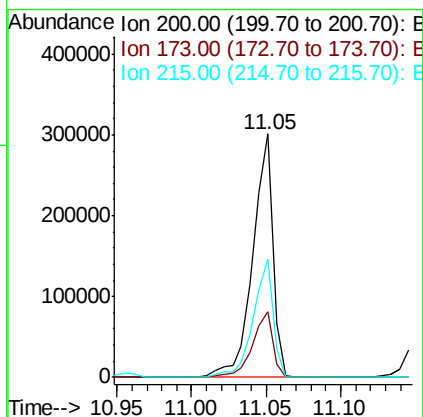
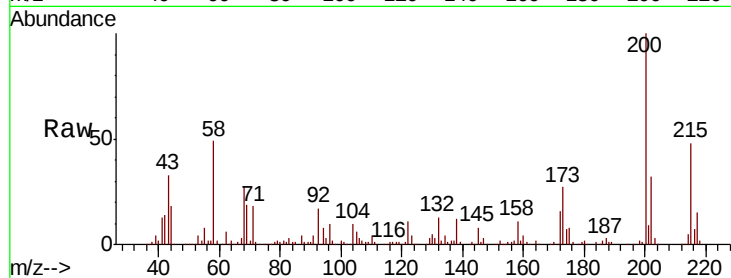




#69
Atrazine
Concen: 40.500 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

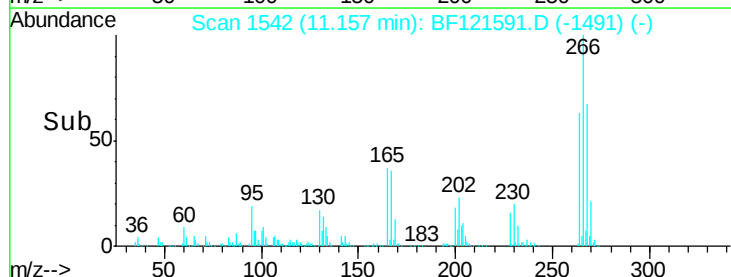
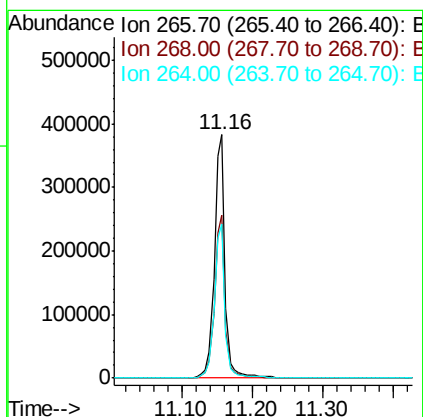
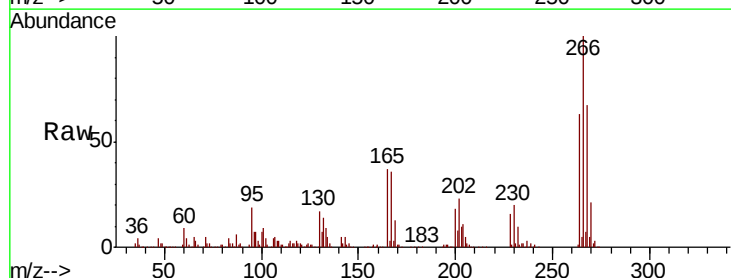
Instrument :
BNA_F
ClientSampleId :
PB131616BS

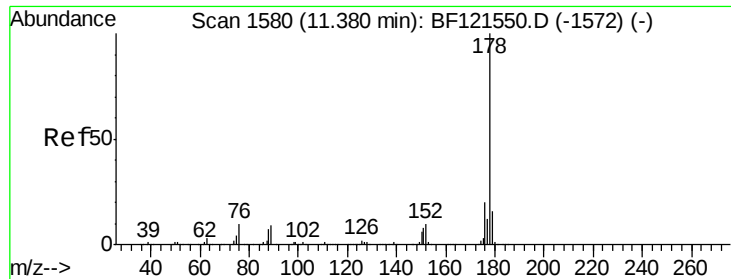
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	8.5	48.5
215	48.3	27.8	67.8



#70
Pentachlorophenol
Concen: 71.027 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	53.5	80.3
264	63.1	49.8	74.8

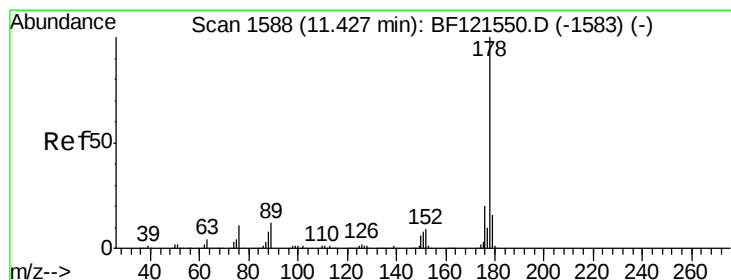
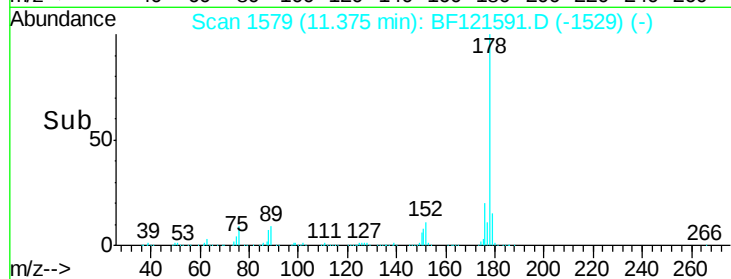
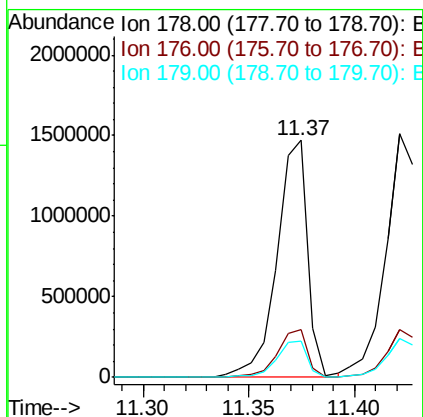
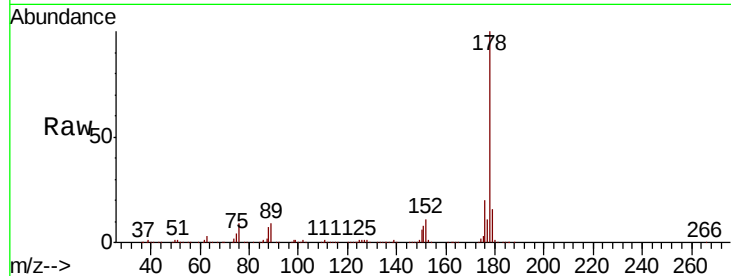




#71
Phenanthrene
Concen: 33.935 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

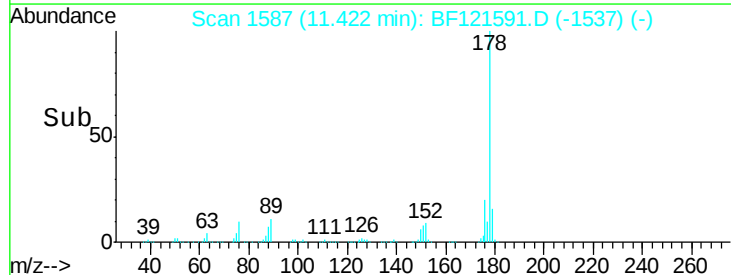
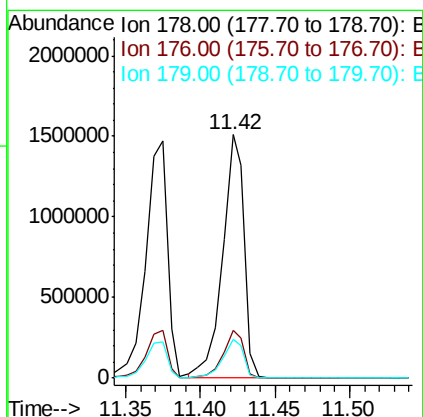
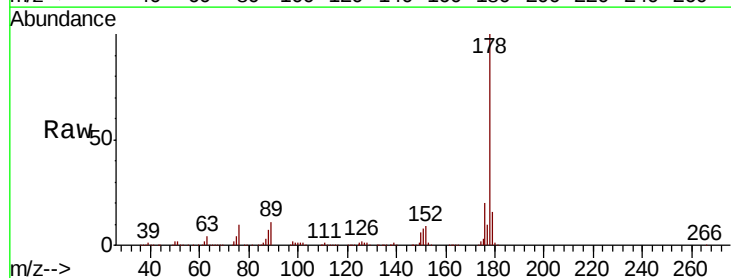
Instrument :
BNA_F
ClientSampleId :
PB131616BS

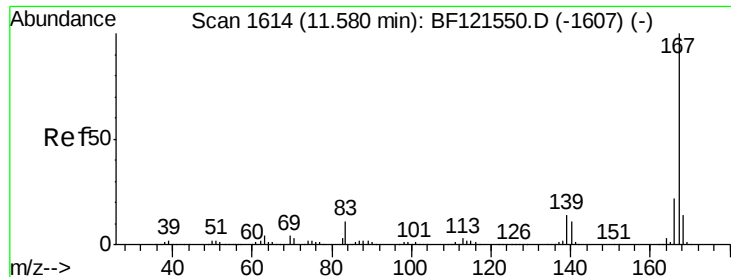
Tot Ion:178 Resp: 1499611
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 15.5 12.6 19.0



#72
Anthracene
Concen: 33.771 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:178 Resp: 1540020
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 16.1 12.8 19.2

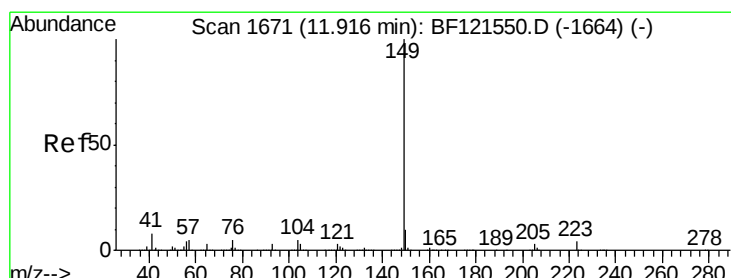
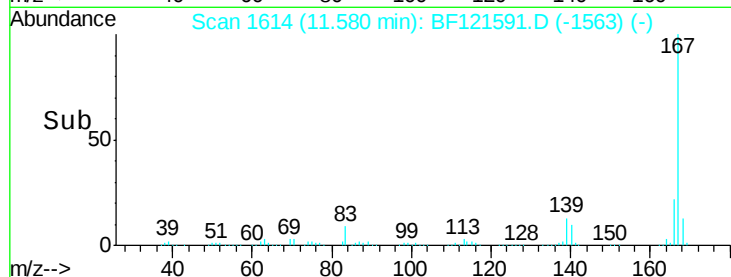
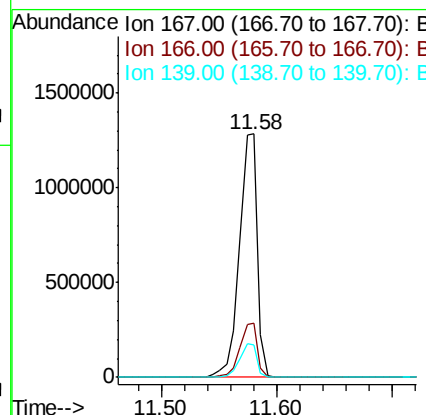
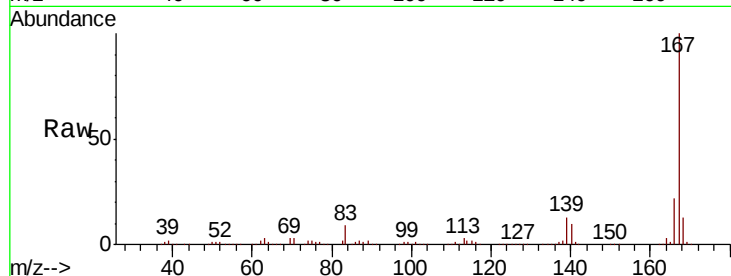




#73
 Carbazole
 Concen: 33.525 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

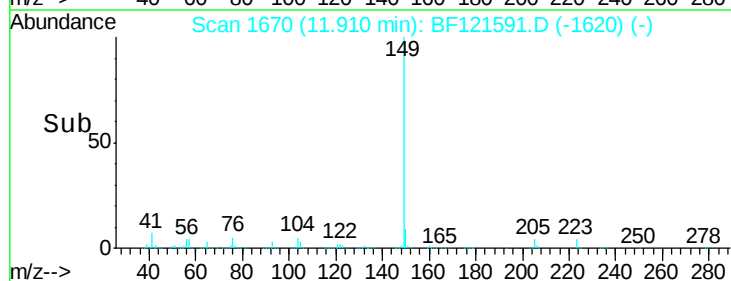
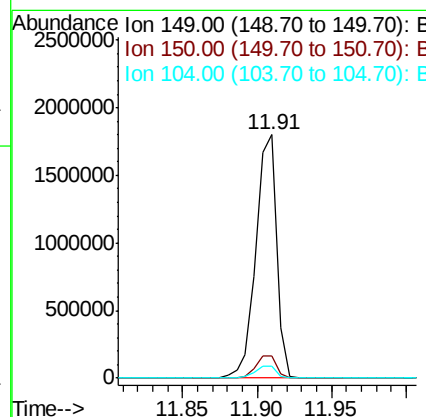
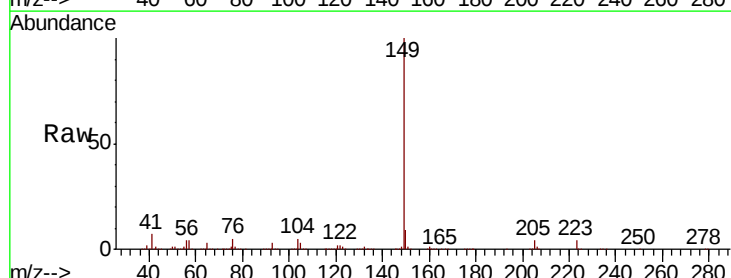
Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

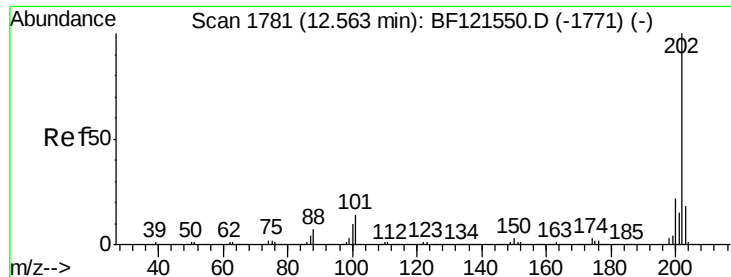
Tot Ion:167 Resp: 1379617
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.9 26.9
 139 13.1 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 36.232 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion:149 Resp: 1720886
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.0 4.2 6.4

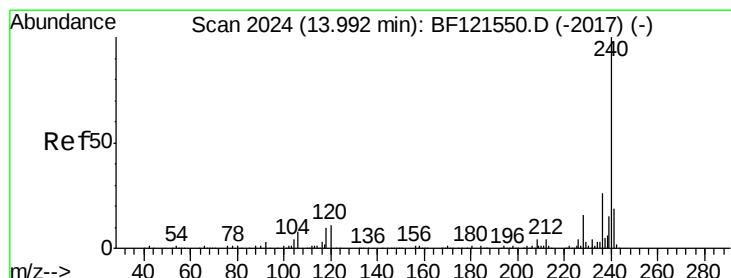
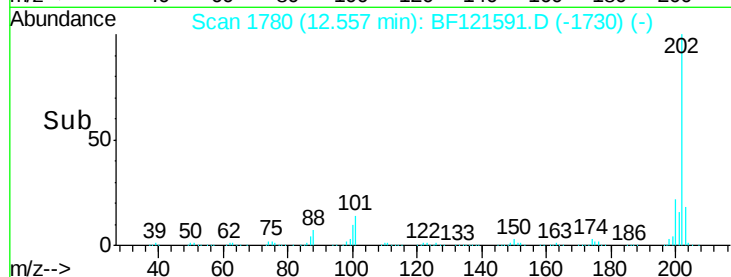
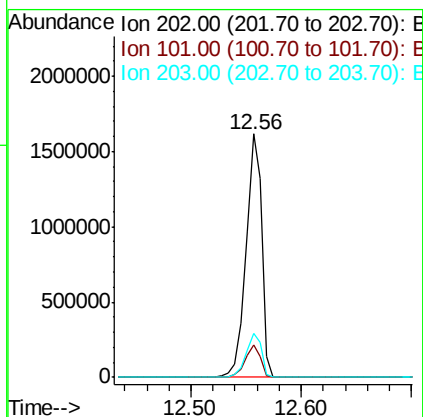
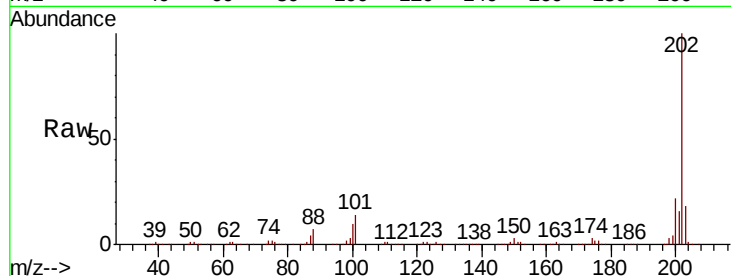




#75
 Fluoranthene
 Concen: 34.187 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

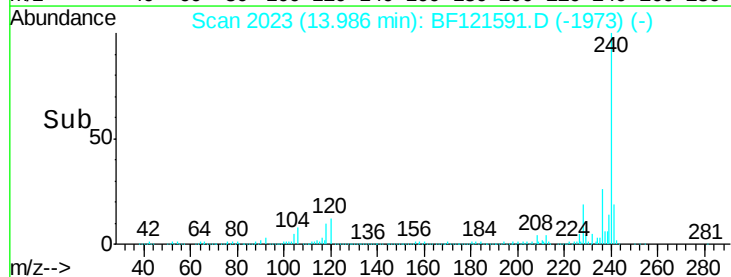
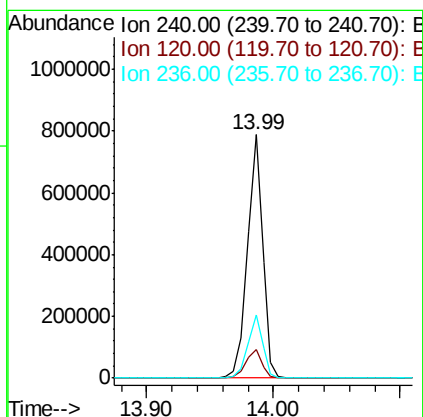
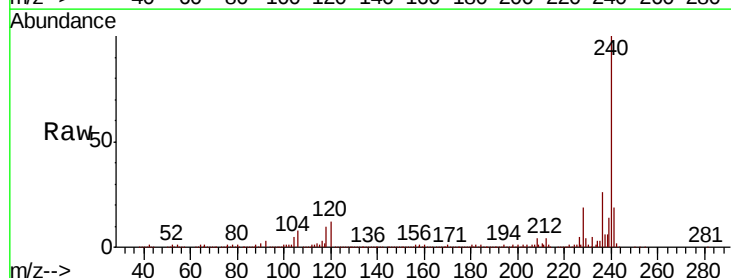
Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

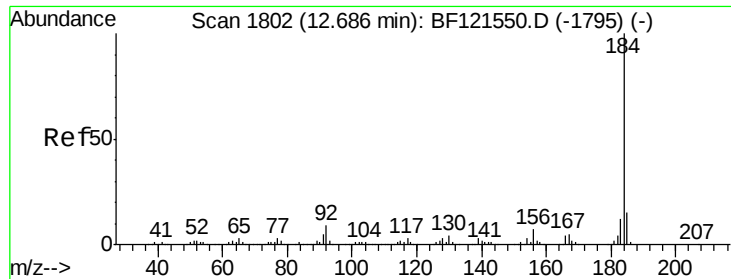
Tot Ion:202 Resp: 1612712
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 34.0
 203 18.1 0.0 38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion:240 Resp: 657129
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.2 13.8
 236 25.7 20.5 30.7

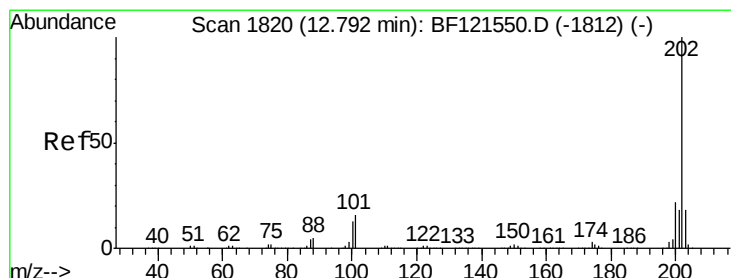
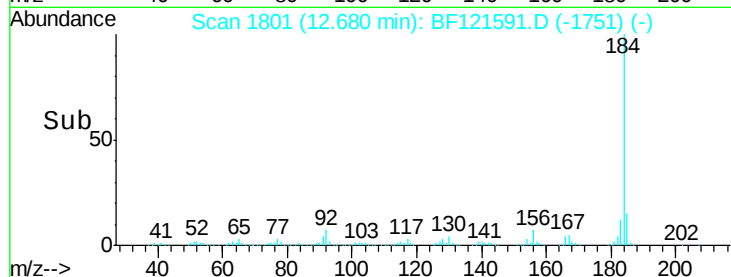
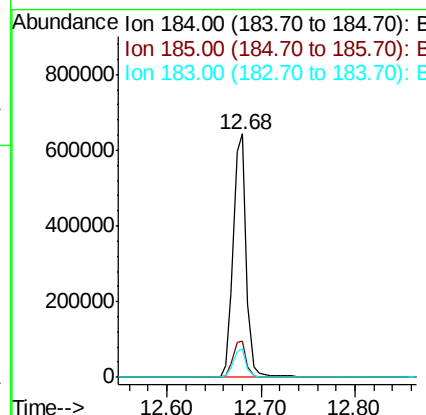
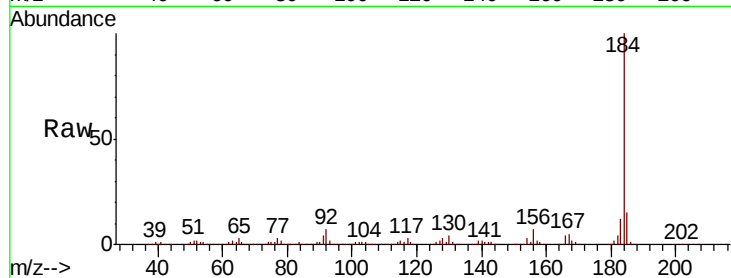




#77
Benzidine
Concen: 28.736 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

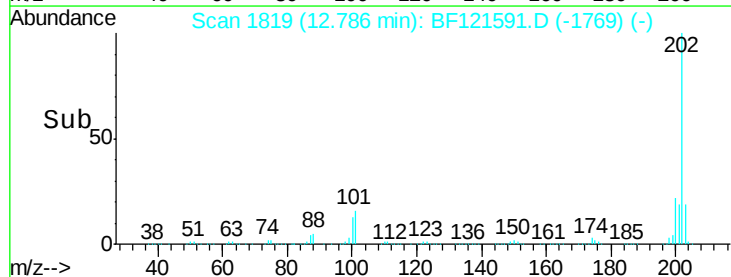
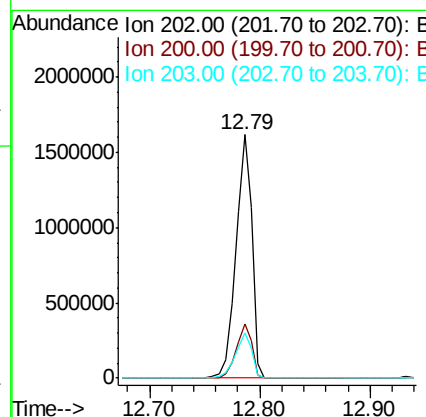
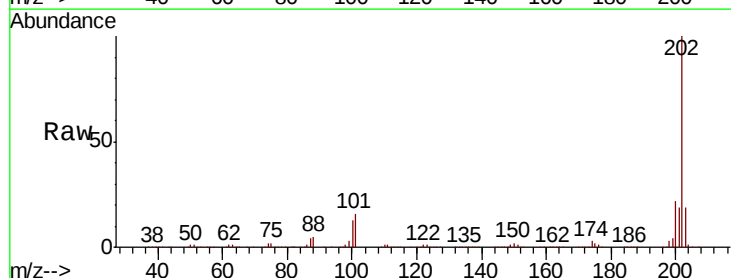
Instrument :
BNA_F
ClientSampleId :
PB131616BS

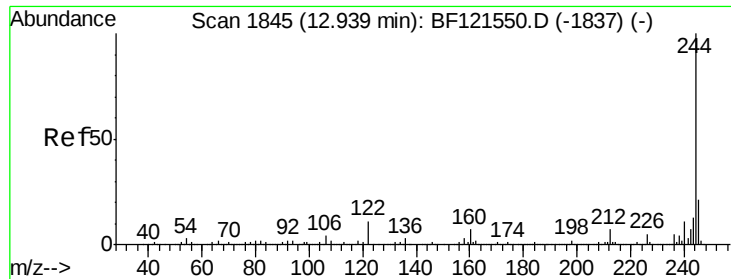
Tot Ion:184 Resp: 626020
Ion Ratio Lower Upper
184 100
185 14.6 12.0 18.0
183 11.8 9.5 14.3



#78
Pyrene
Concen: 34.171 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:202 Resp: 1640627
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.8
203 18.5 14.6 22.0

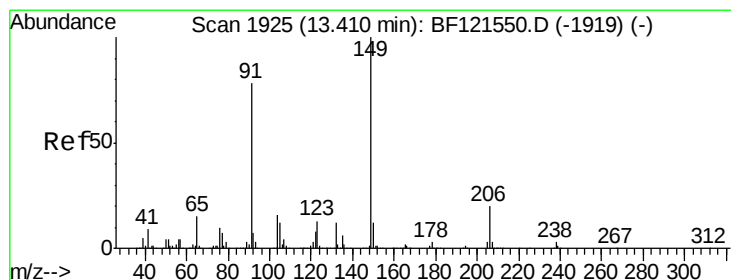
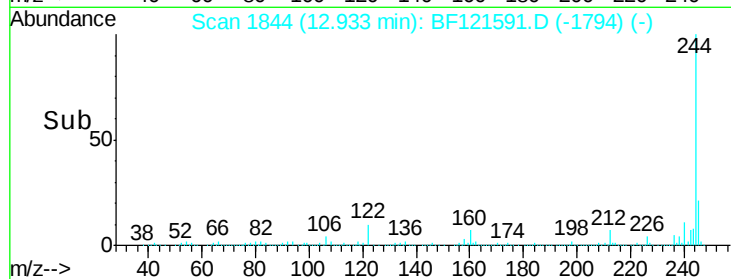
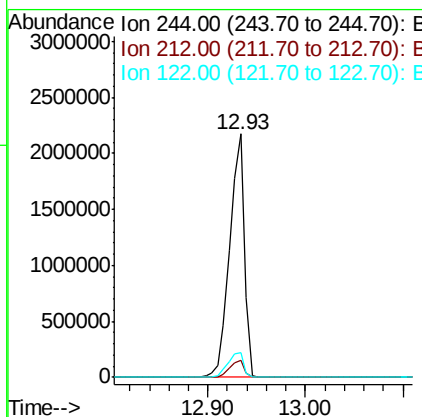
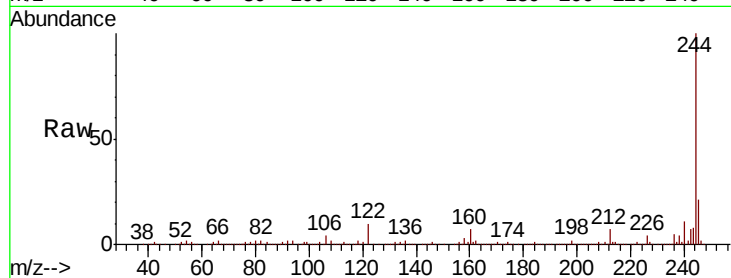




#79
 Terphenyl-d14
 Concen: 70.232 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

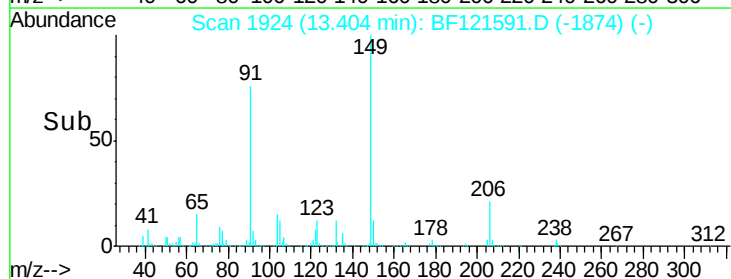
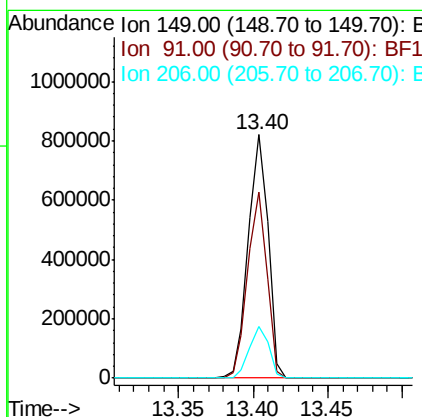
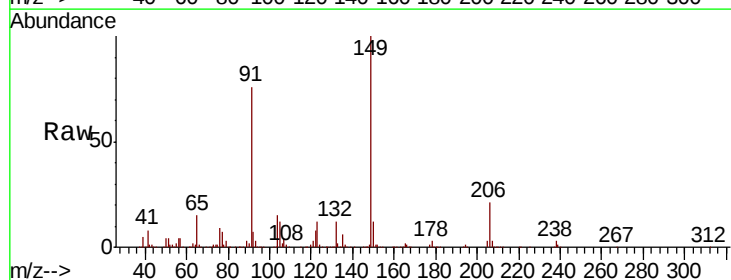
Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

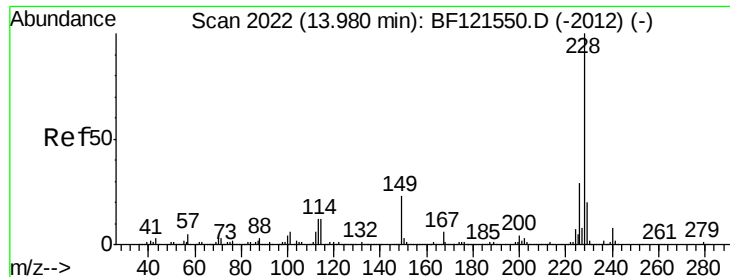
Tot Ion:244 Resp: 2278075
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.2 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 38.862 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion:149 Resp: 754608
 Ion Ratio Lower Upper
 149 100
 91 76.4 62.6 94.0
 206 21.1 15.8 23.6

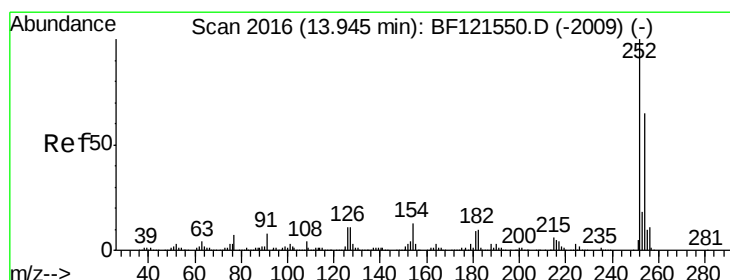
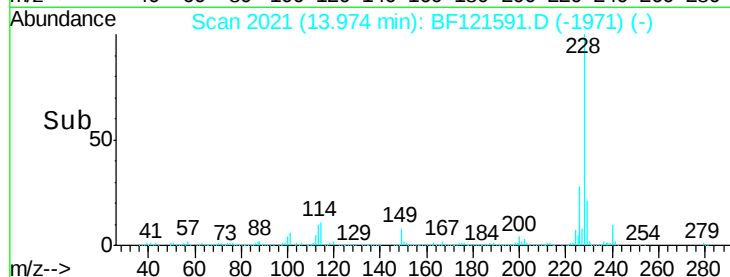
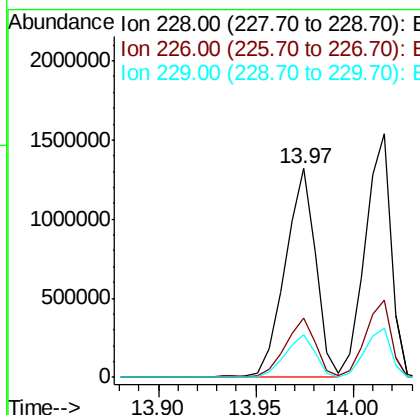
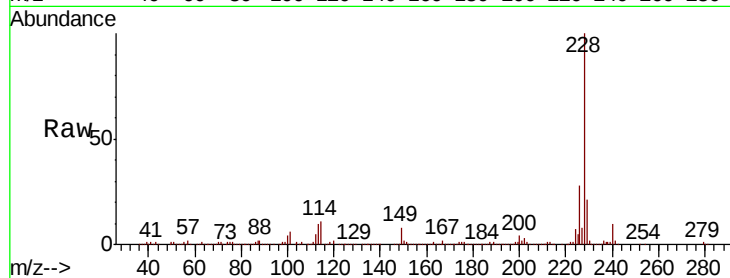




#81
Benzo(a)anthracene
Concen: 34.348 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

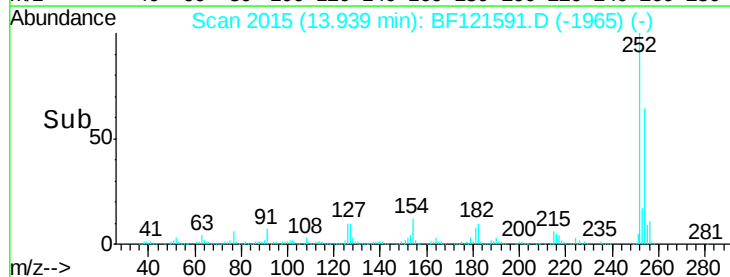
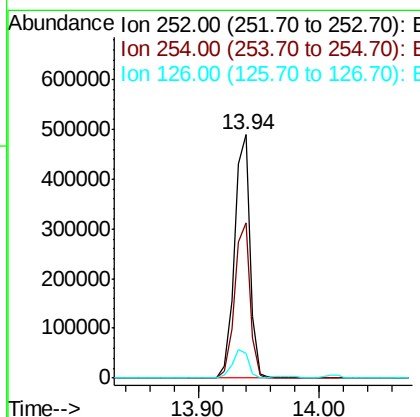
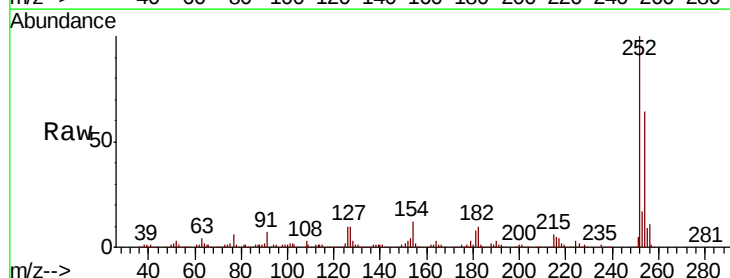
Instrument :
BNA_F
ClientSampleId :
PB131616BS

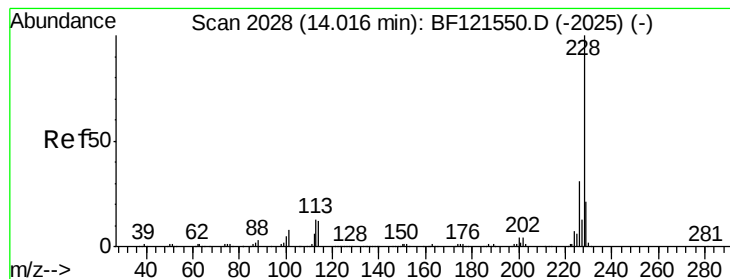
Tot Ion:228 Resp: 1427961
Ion Ratio Lower Upper
228 100
226 28.3 22.9 34.3
229 20.6 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 27.026 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:252 Resp: 438634
Ion Ratio Lower Upper
252 100
254 64.0 52.3 78.5
126 10.3 9.1 13.7





#83

Chrvsene

Concen: 33.683 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

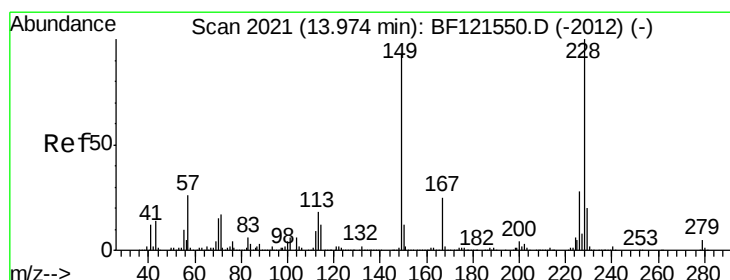
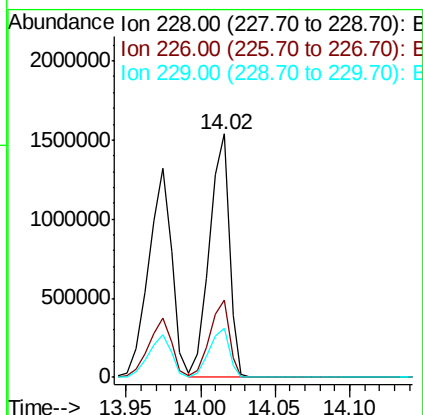
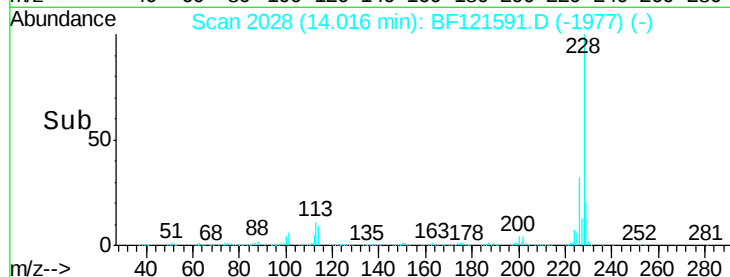
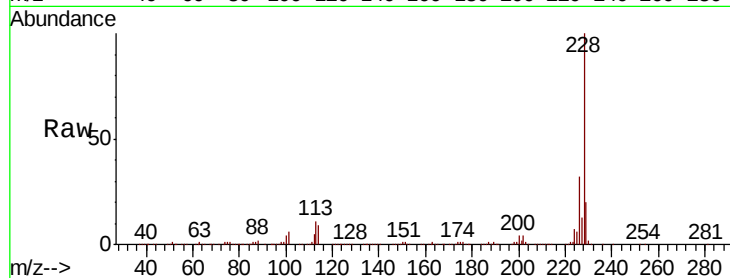
Tot Ion:228 Resp: 1417981

Ion Ratio Lower Upper

228 100

226 31.5 25.1 37.7

229 20.2 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.959 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

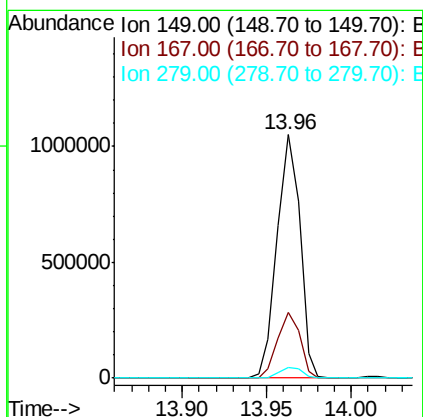
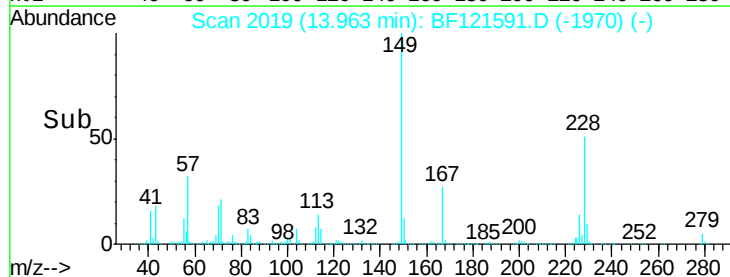
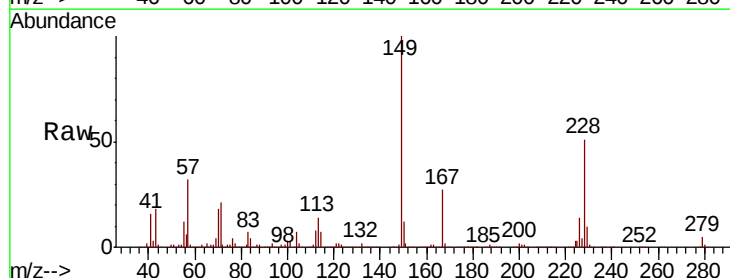
Tgt Ion:149 Resp: 984667

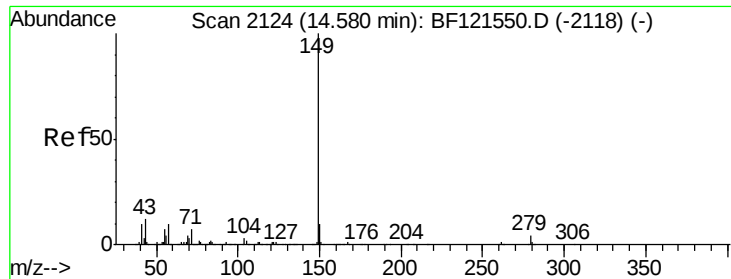
Ion Ratio Lower Upper

149 100

167 26.8 21.6 32.4

279 4.6 4.1 6.1

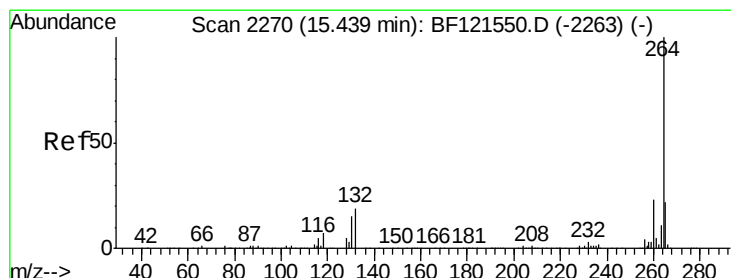
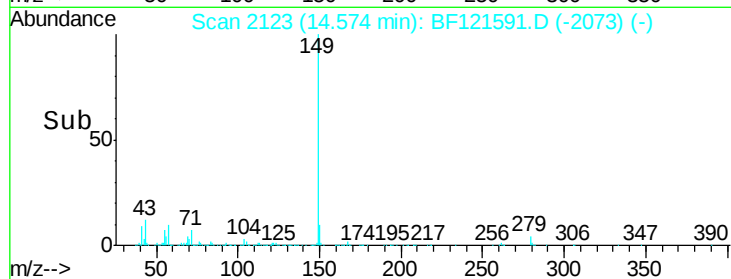
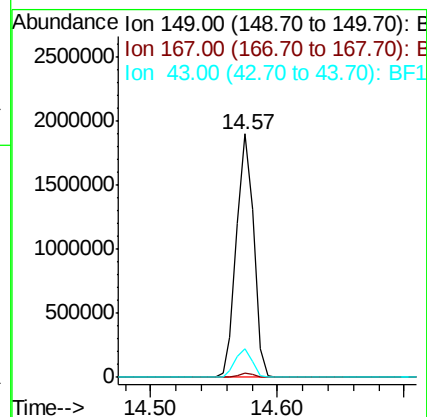
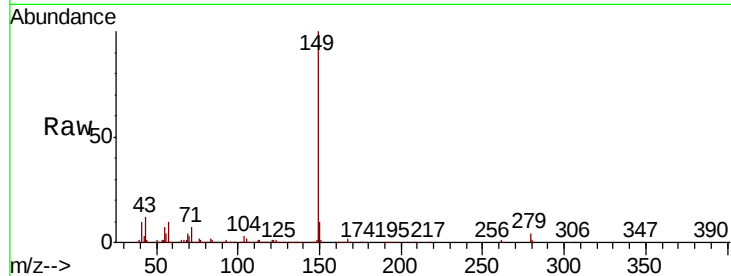




#85
Di-n-octyl phthalate
Concen: 38.784 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

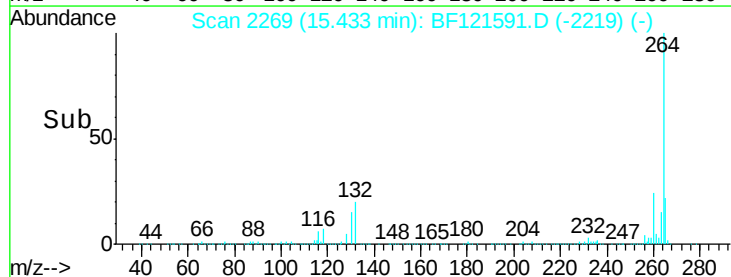
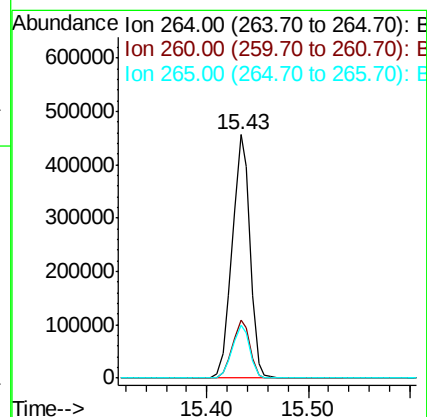
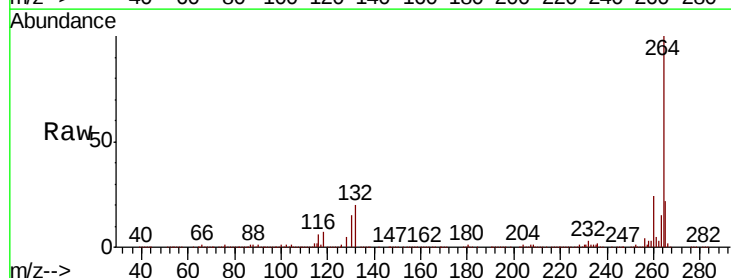
Instrument :
BNA_F
ClientSampleId :
PB131616BS

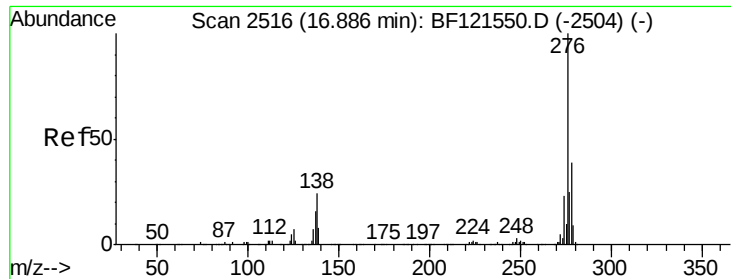
Tot Ion:149 Resp: 1775525
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 9.4 14.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:264 Resp: 555005
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.543 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.01 min

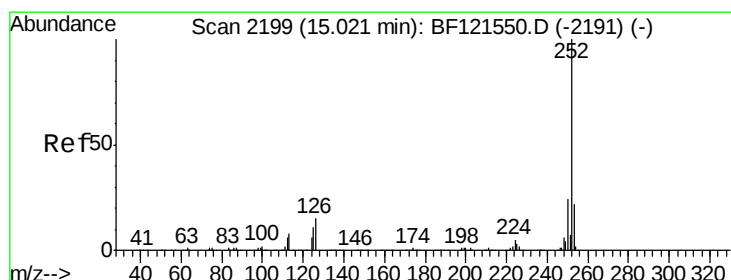
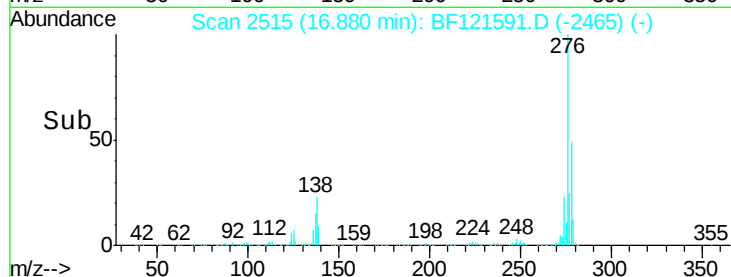
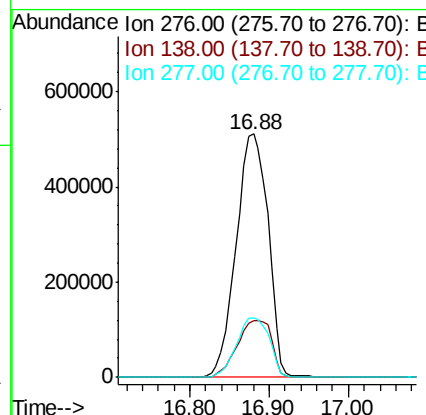
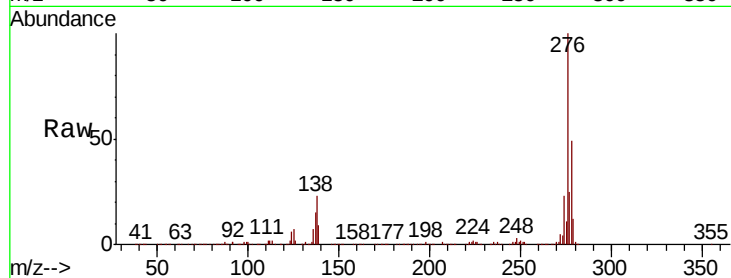
Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion:276 Resp: 1429227

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.6	31.0
277	25.3	20.2	30.4



#88

Benzo(b)fluoranthene

Concen: 41.728 ng

RT: 15.02 min Scan# 2198

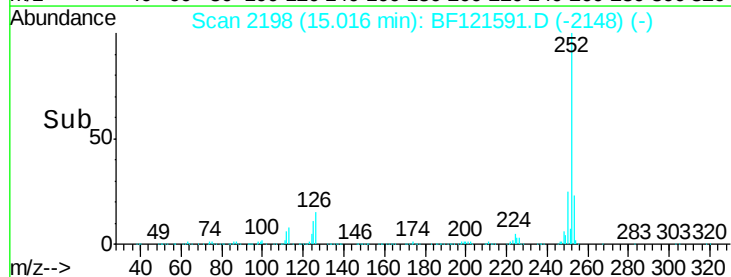
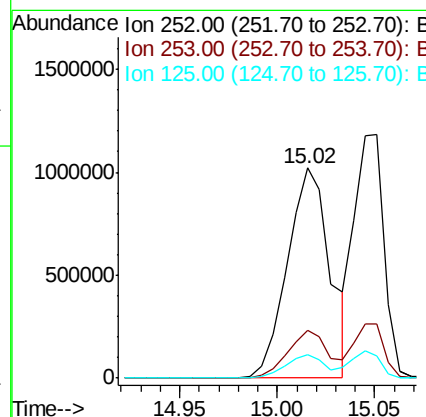
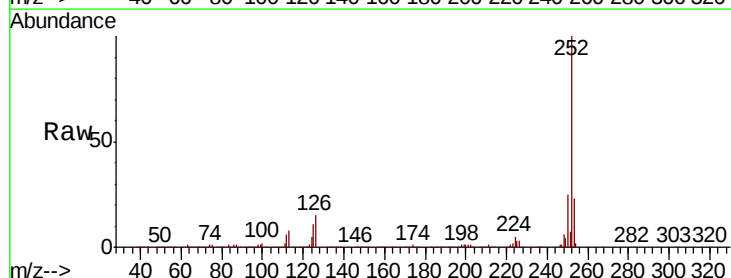
Delta R.T. -0.01 min

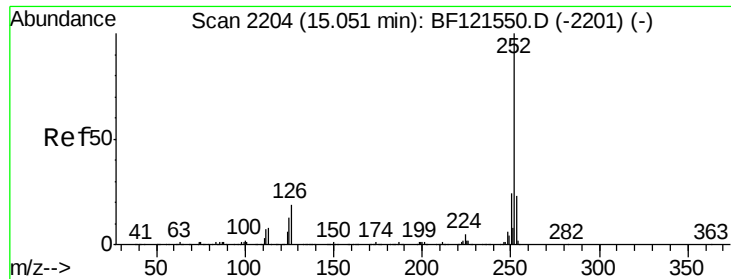
Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Tgt Ion:252 Resp: 1548213

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.1	9.2	13.8

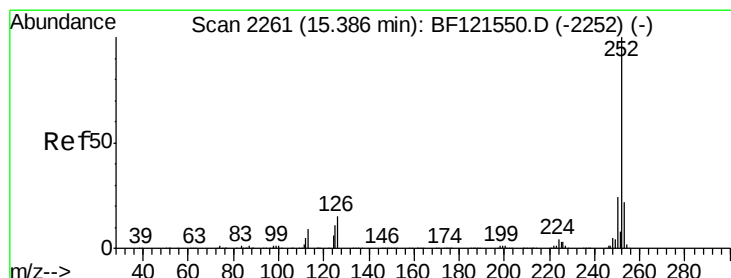
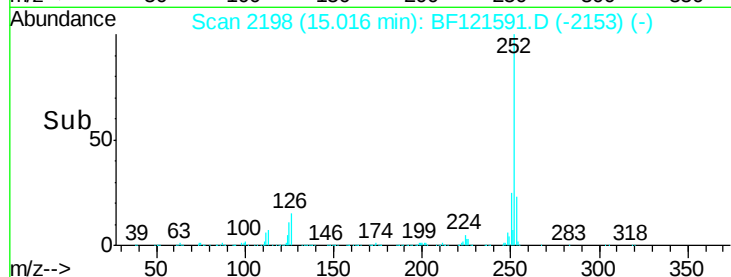
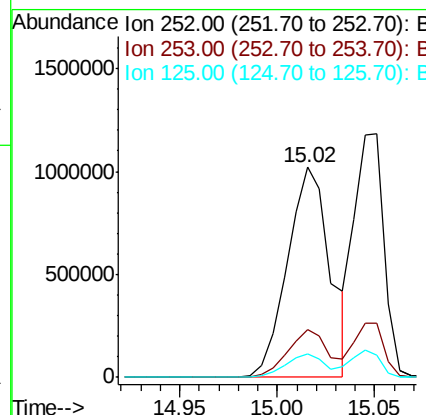
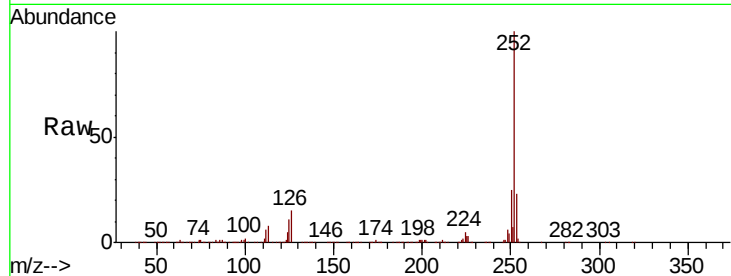




#89
Benzo(k)fluoranthene
Concen: 45.567 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

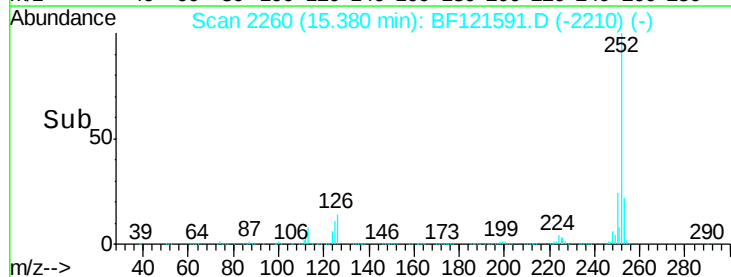
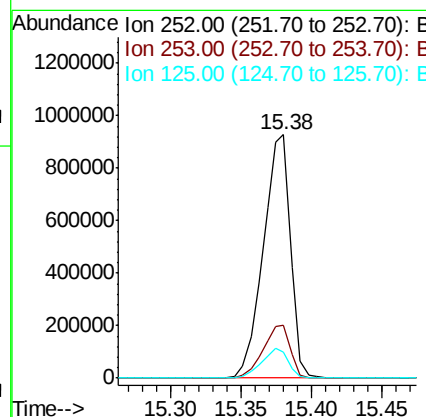
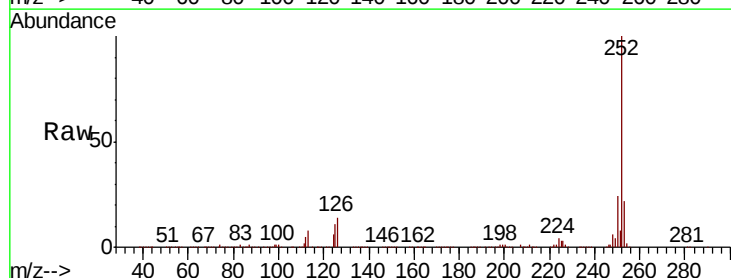
Instrument :
BNA_F
ClientSampleId :
PB131616BS

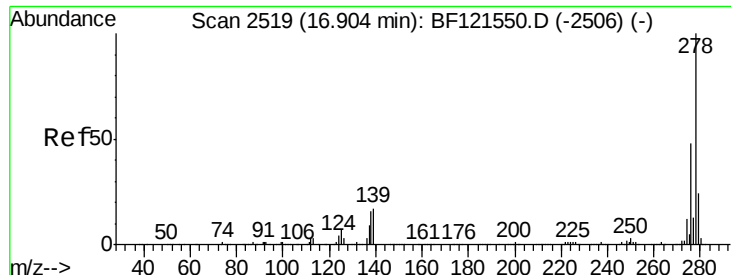
Tot Ion:252 Resp: 1548213
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.1 9.8 14.6



#90
Benzo(a)pyrene
Concen: 39.865 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:252 Resp: 1257287
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.8 9.0 13.4

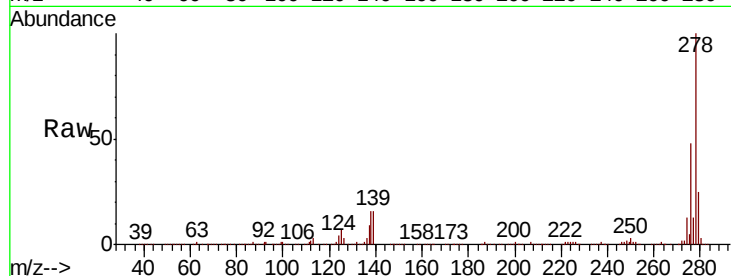




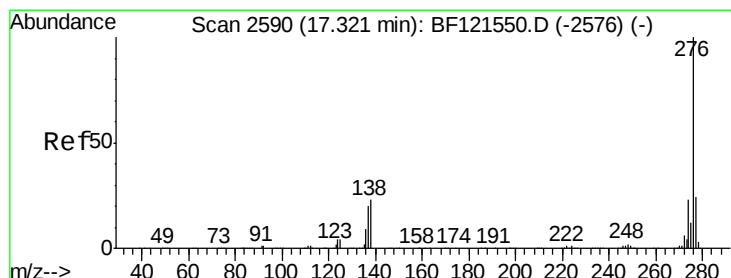
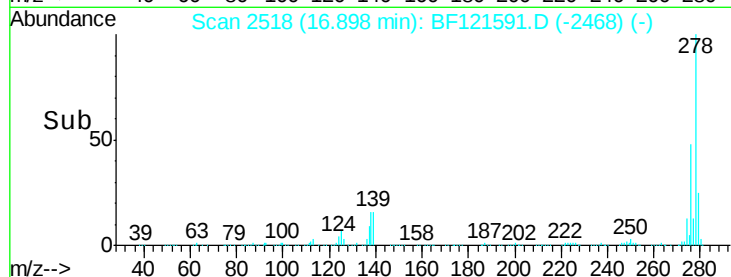
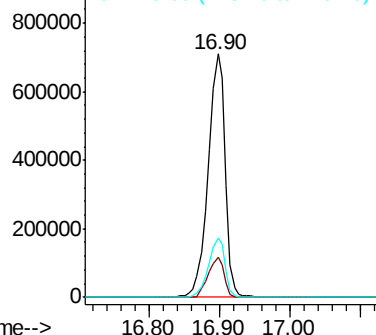
#91
Dibenzo(a,h)anthracene
Concen: 39.560 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion:278 Resp: 1190239
Ion Ratio Lower Upper
278 100
139 16.2 13.9 20.9
279 24.6 19.2 28.8

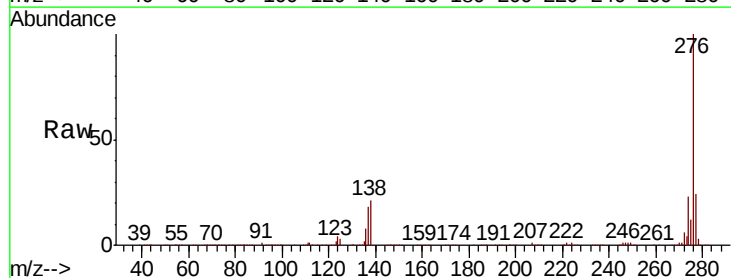


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.761 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:276 Resp: 1175918
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.0
138 20.8 18.7 28.1



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

