

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121481.D
 Acq On : 31 Aug 2020 16:59
 Operator : JU/CG
 Sample : L3833-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Quant Time: Aug 31 17:33:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	342922	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1310801	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	690494	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1269721	20.00	ng	0.00
76) Chrysene-d12	14.03	240	766124	20.00	ng	0.00
86) Perylene-d12	15.50	264	770126	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	2277153	111.41	ng	0.01
7) Phenol-d6	6.49	99	3078280	107.77	ng	0.00
23) Nitrobenzene-d5	7.43	82	2020236	105.37	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	951560	136.44	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3476892	81.25	ng	0.00
79) Terphenyl-d14	12.97	244	3300958	90.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	358972	36.827	ng	99
3) Pyridine	3.46	79	862114	32.478	ng	98
4) n-Nitrosodimethylamine	3.42	42	457844	39.020	ng	92
6) Aniline	6.52	93	987590	29.140	ng	99
8) 2-Chlorophenol	6.65	128	986112	47.536	ng	98
9) Benzaldehyde	6.41	77	566877	40.369	ng	98
10) Phenol	6.50	94	1225485	43.858	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	933820	41.134	ng	98
12) 1,3-Dichlorobenzene	6.80	146	982030	39.317	ng	99
13) 1,4-Dichlorobenzene	6.88	146	999127	39.915	ng	100
14) 1,2-Dichlorobenzene	7.03	146	970268	41.629	ng	98
15) Benzyl Alcohol	7.00	79	824213	43.963	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1342912	39.930	ng	99
17) 2-Methylphenol	7.12	107	787937	43.655	ng	99
18) Hexachloroethane	7.37	117	369761	43.162	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	676778	42.398	ng	97
20) 3+4-Methylphenols	7.27	107	927871	42.482	ng	98
22) Acetophenone	7.27	105	1250644	38.711	ng	# 97
24) Nitrobenzene	7.45	77	1004187	52.250	ng	96
25) Isophorone	7.69	82	1871156	43.389	ng	100
26) 2-Nitrophenol	7.76	139	504004	57.615	ng	98
27) 2,4-Dimethylphenol	7.80	122	903869	50.534	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1193476	40.698	ng	99
29) 2,4-Dichlorophenol	8.00	162	815316	46.166	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	859279	39.718	ng	100
31) Naphthalene	8.17	128	2636927	40.521	ng	100
32) Benzoic acid	7.93	122	599442	51.597	ng	99
33) 4-Chloroaniline	8.21	127	433866	14.969	ng	99
34) Hexachlorobutadiene	8.29	225	499431	38.819	ng	98
35) Caprolactam	8.59	113	203517	35.333	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	840754	45.152	ng	99
37) 2-Methylnaphthalene	8.86	142	1843409	42.755	ng	99
38) 1-Methylnaphthalene	8.96	142	1739705	42.731	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	833749	40.733	ng	99

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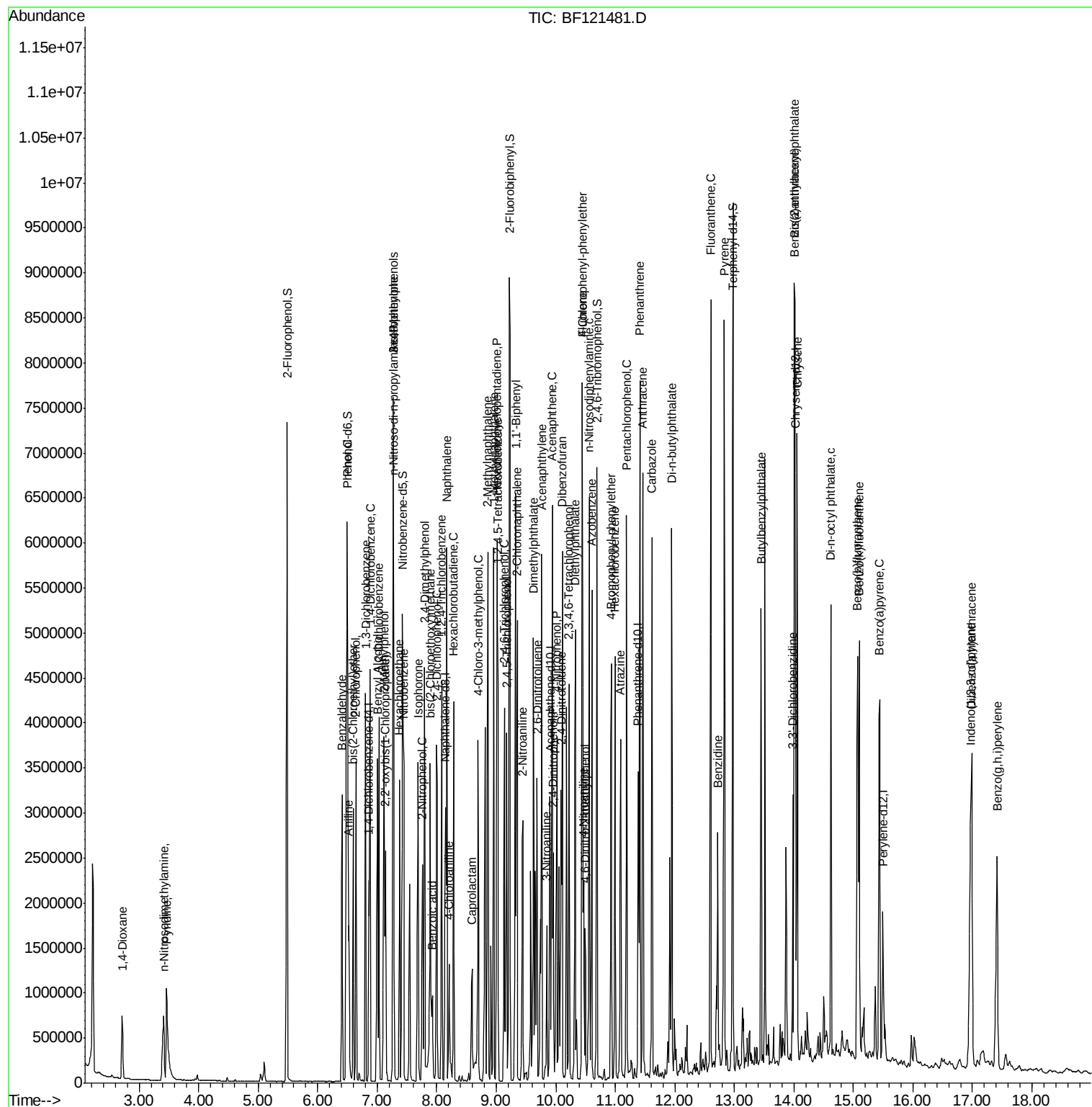
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	809743	94.075	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	602869	46.600	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	619824	48.451	nq	99
46) 1,1'-Biphenyl	9.33	154	2177050	41.782	nq	97
47) 2-Chloronaphthalene	9.35	162	1647025	38.457	nq	99
48) 2-Nitroaniline	9.45	65	547519	45.888	nq	88
49) Acenaphthylene	9.76	152	2686535	41.820	nq	100
50) Dimethylphthalate	9.63	163	2144393	45.211	nq	100
51) 2,6-Dinitrotoluene	9.69	165	452396	50.505	nq	93
52) Acenaphthene	9.94	154	1762638	43.454	nq	100
53) 3-Nitroaniline	9.85	138	269537	26.547	nq	# 98
54) 2,4-Dinitrophenol	9.96	184	295818	75.513	nq	91
55) Dibenzofuran	10.11	168	2404936	40.815	nq	99
56) 4-Nitrophenol	10.02	139	770232	83.703	nq	93
57) 2,4-Dinitrotoluene	10.09	165	591003	53.096	nq	97
58) Fluorene	10.45	166	1800248	40.529	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	532942	50.037	nq	99
60) Diethylphthalate	10.33	149	2002841	42.030	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	893987	40.169	nq	99
62) 4-Nitroaniline	10.47	138	428688	38.028	nq	96
63) Azobenzene	10.60	77	1916212	40.663	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	215826	54.271	nq	81
66) n-Nitrosodiphenylamine	10.56	169	1682462	41.896	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	586366	41.979	nq	99
68) Hexachlorobenzene	11.00	284	660377	40.430	nq	99
69) Atrazine	11.09	200	481725	41.362	nq	97
70) Pentachlorophenol	11.19	266	754214	101.071	nq	97
71) Phenanthrene	11.42	178	3083658	47.325	nq	99
72) Anthracene	11.46	178	2741700	42.781	nq	100
73) Carbazole	11.62	167	2526978	40.890	nq	100
74) Di-n-butylphthalate	11.95	149	2964457	43.180	nq	100
75) Fluoranthene	12.60	202	3926533	55.913	nq	99
77) Benzidine	12.72	184	913990	54.702	nq	100
78) Pyrene	12.83	202	3691116	67.461	nq	98
80) Butylbenzylphthalate	13.45	149	1190172	56.462	nq	100
81) Benzo(a)anthracene	14.02	228	2364566	50.559	nq	99
82) 3,3'-Dichlorobenzidine	13.98	252	607365	35.456	nq	99
83) Chrysene	14.06	228	2457649	52.526	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1544924	56.747	nq	100
85) Di-n-octyl phthalate	14.62	149	2520648	54.633	nq	98
87) Indeno(1,2,3-cd)pyrene	16.97	276	2440581	51.506	nq	99
88) Benzo(b)fluoranthene	15.07	252	2744167	54.778	nq	100
89) Benzo(k)fluoranthene	15.10	252	1936288	41.555	nq	99
90) Benzo(a)pyrene	15.44	252	2140627	47.520	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	1730872	44.624	nq	99
92) Benzo(g,h,i)perylene	17.42	276	2100912	56.228	nq	98

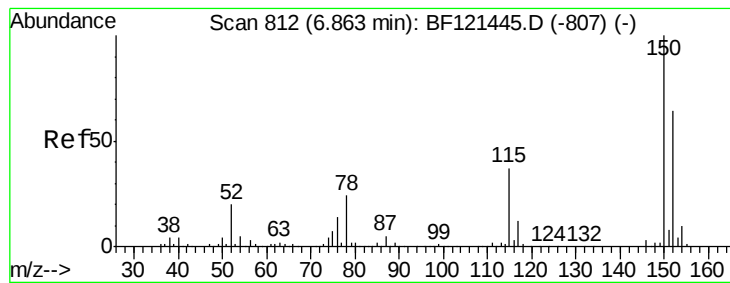
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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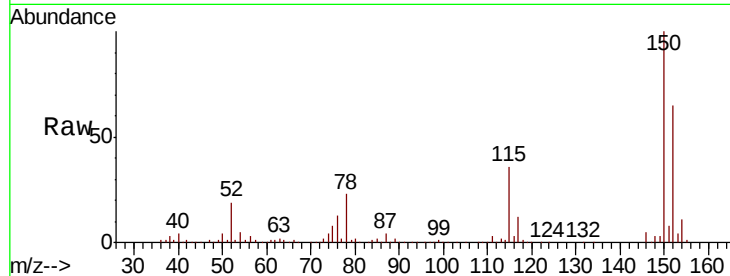


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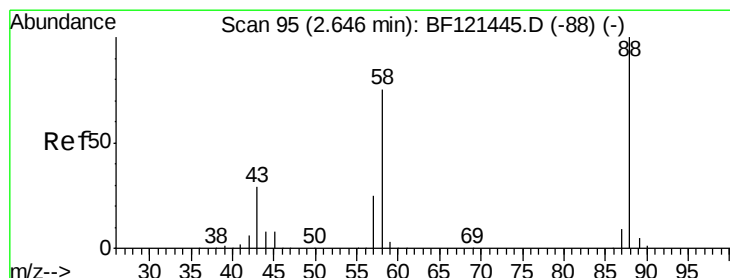
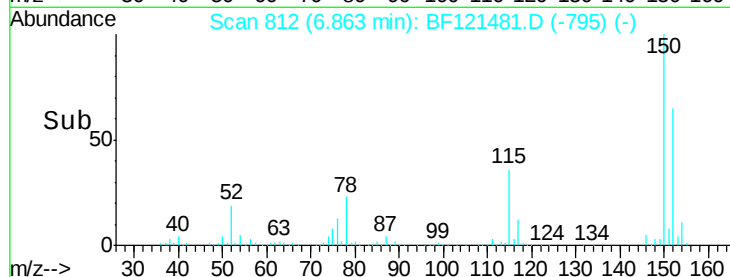
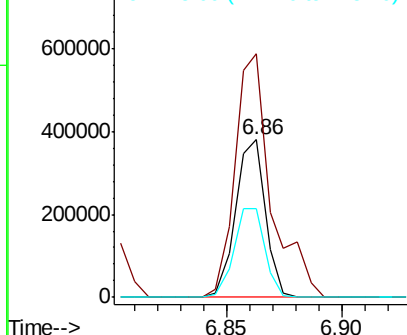
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion:152 Resp: 342922
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 56.1 46.6 69.8



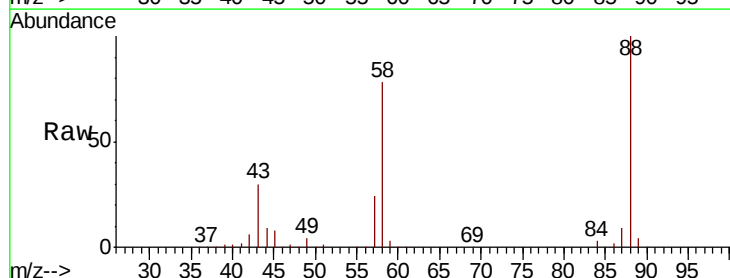
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



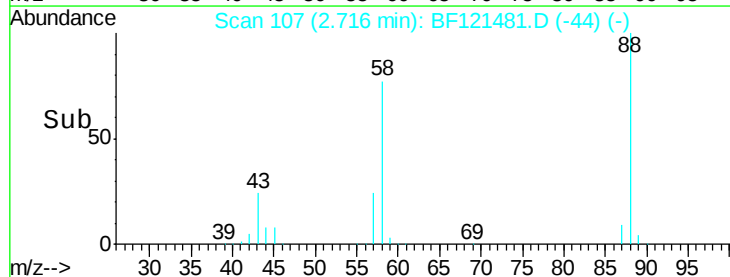
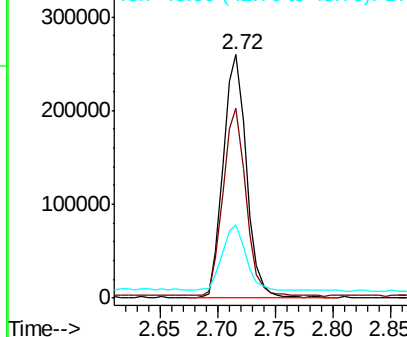
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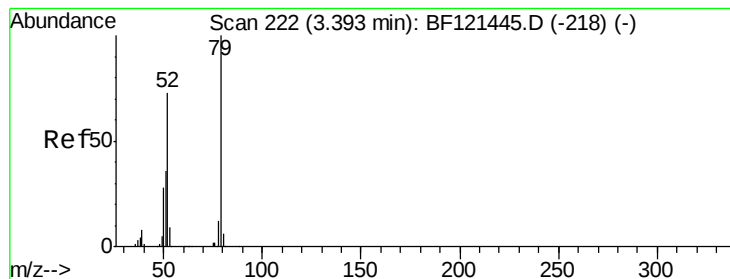
1,4-Dioxane
Concen: 36.827 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.07 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion: 88 Resp: 358972
Ion Ratio Lower Upper
88 100
58 76.3 61.1 91.7
43 28.0 23.4 35.0



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





#3

Pvridine

Concen: 32.478 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.07 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

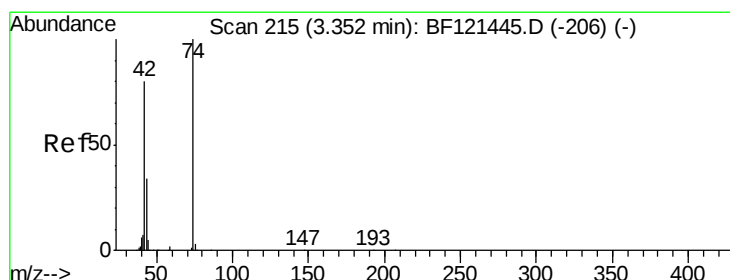
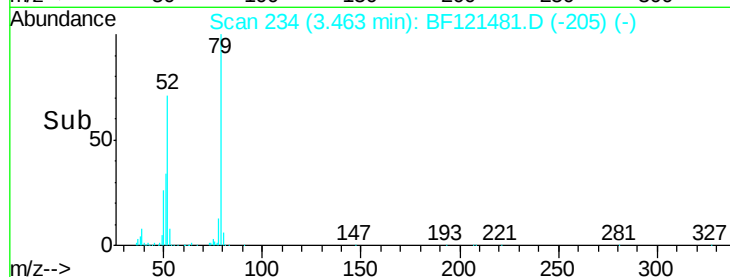
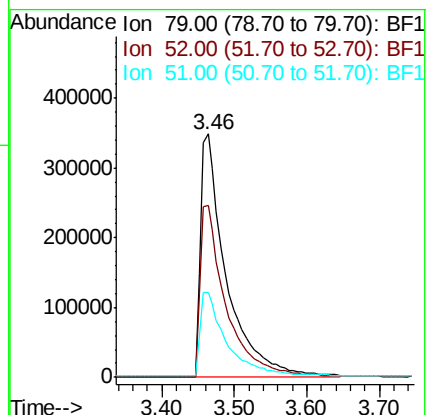
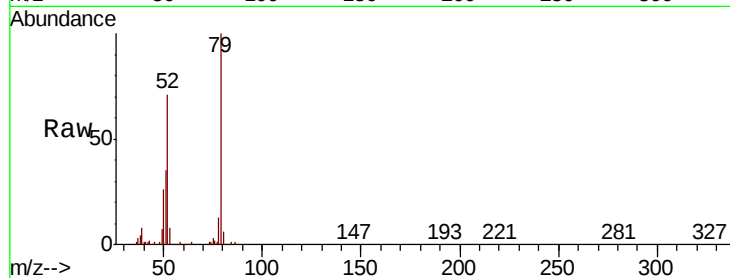
Tot Ion: 79 Resp: 862114

Ion Ratio Lower Upper

79 100

52 70.8 58.2 87.4

51 35.0 29.1 43.7



#4

n-Nitrosodimethylamine

Concen: 39.020 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.06 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

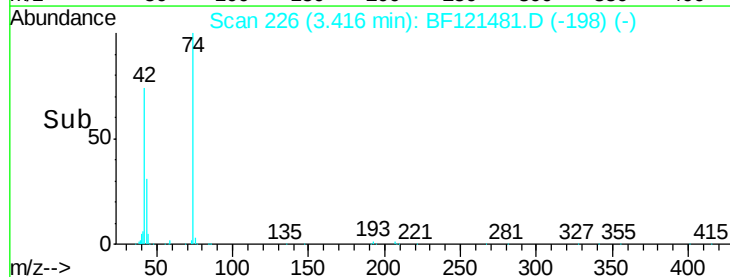
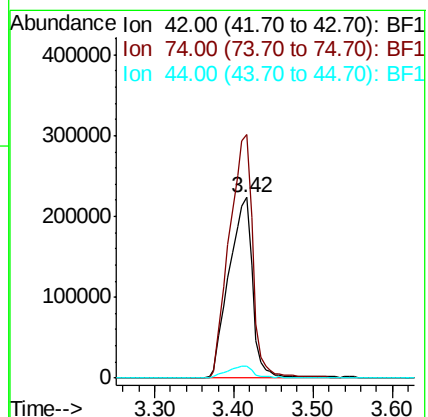
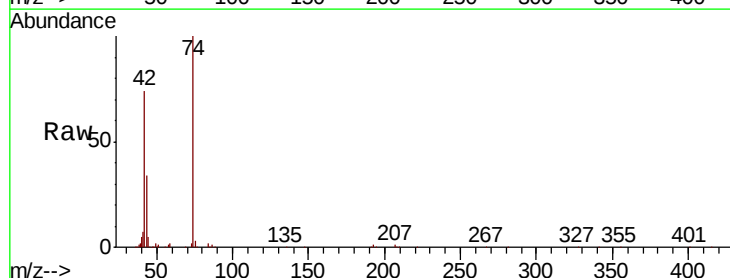
Tgt Ion: 42 Resp: 457844

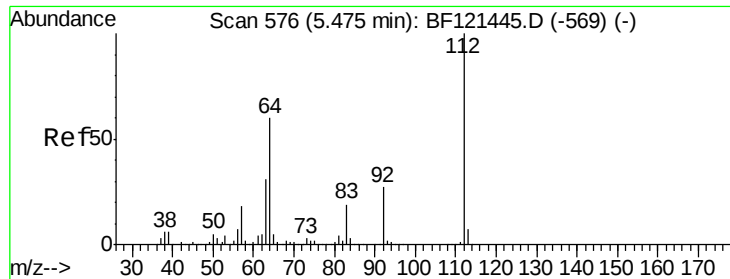
Ion Ratio Lower Upper

42 100

74 134.8 100.2 150.4

44 6.9 5.4 8.0





#5

2-Fluorophenol

Concen: 111.410 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF121481.D

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Instrument :

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ClientSampled :

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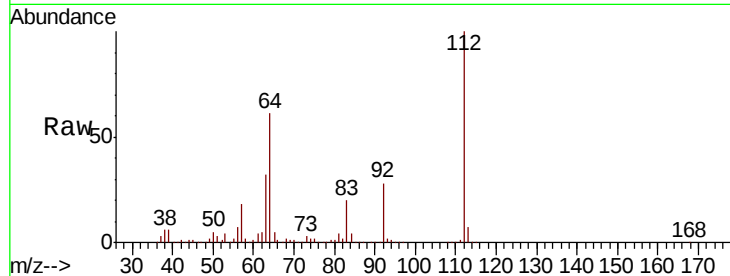
Tot Ion:112 Resp: 2277153

Ion Ratio Lower Upper

112 100

64 61.4 48.2 72.2

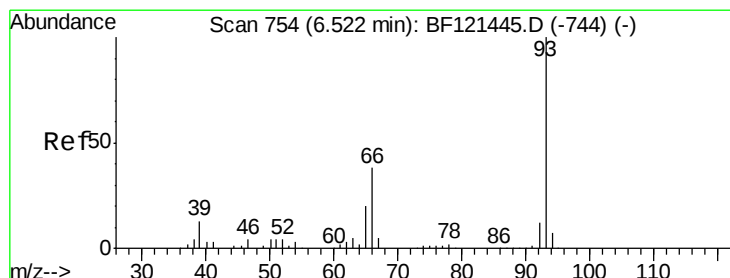
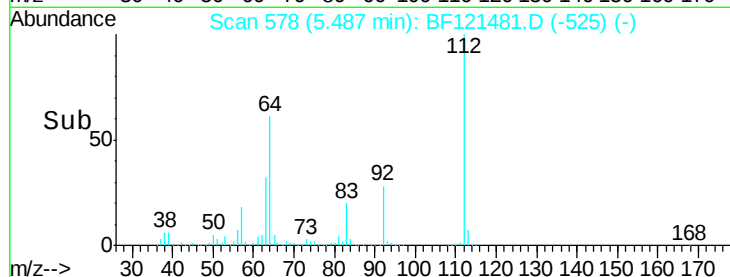
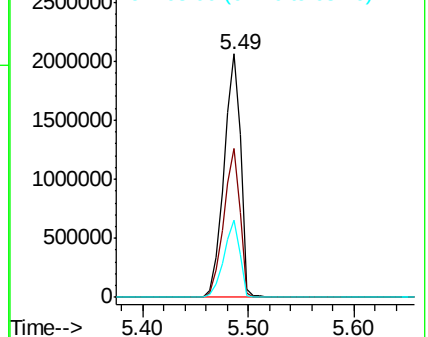
63 31.7 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.140 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

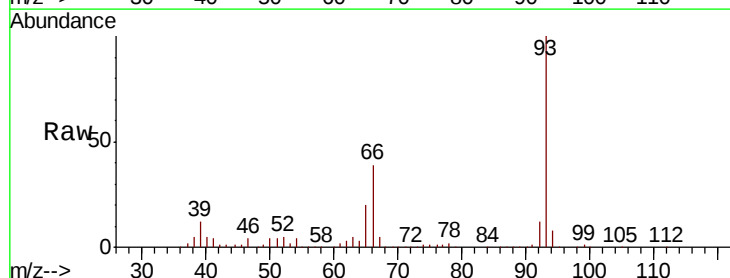
Tgt Ion: 93 Resp: 987590

Ion Ratio Lower Upper

93 100

66 39.1 30.9 46.3

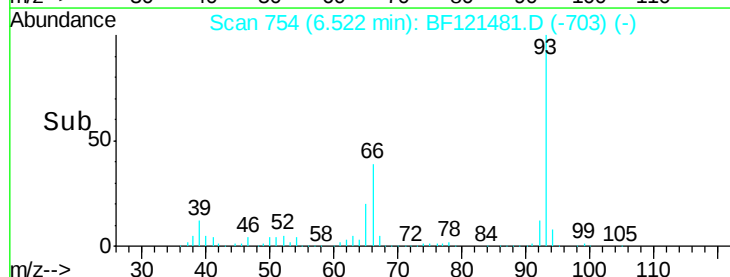
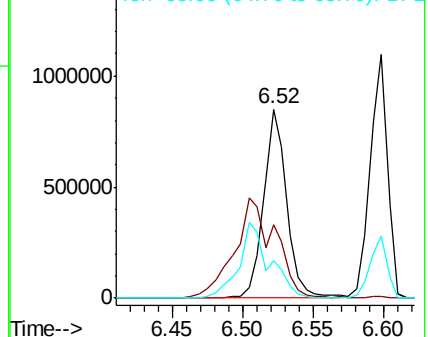
65 19.9 15.9 23.9

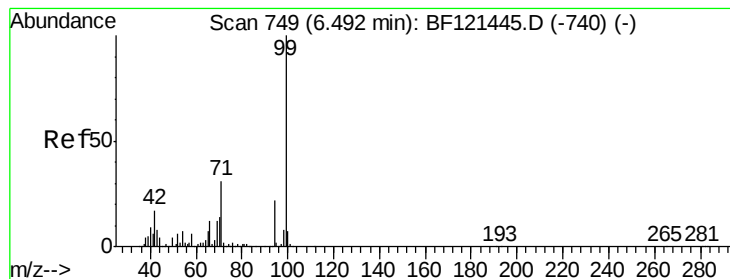


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.770 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

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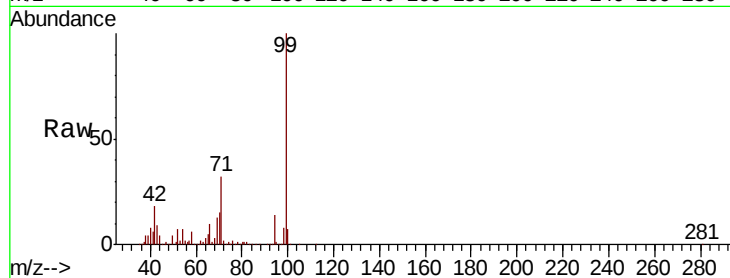
Tot Ion: 99 Resp: 3078280

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

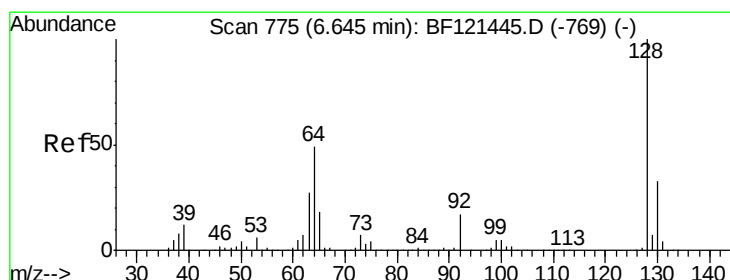
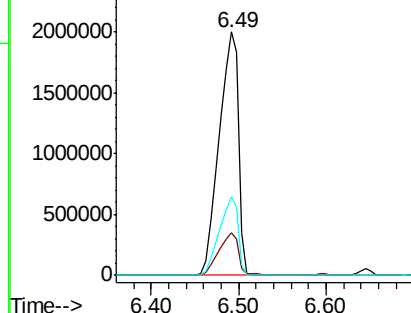
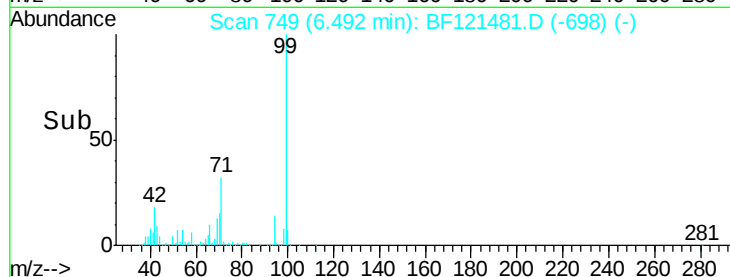
71 32.3 24.6 37.0



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: 47.536 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

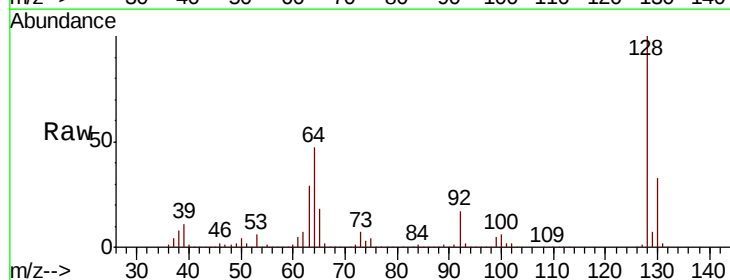
Tgt Ion: 128 Resp: 986112

Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

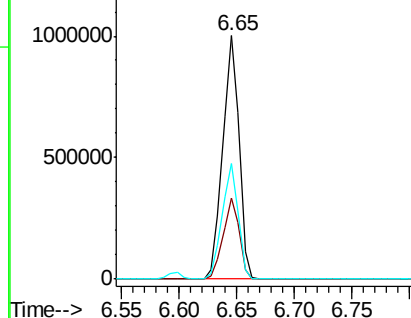
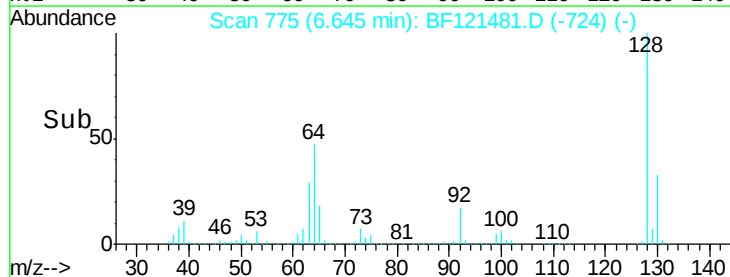
64 47.4 29.5 69.5

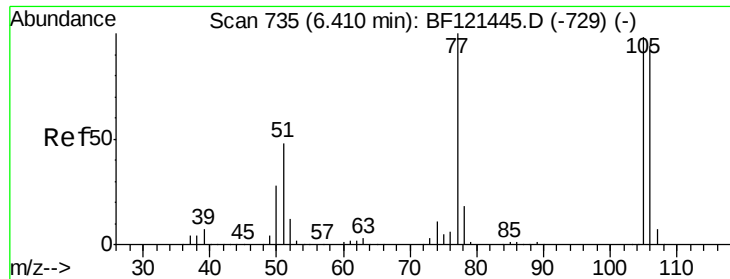


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

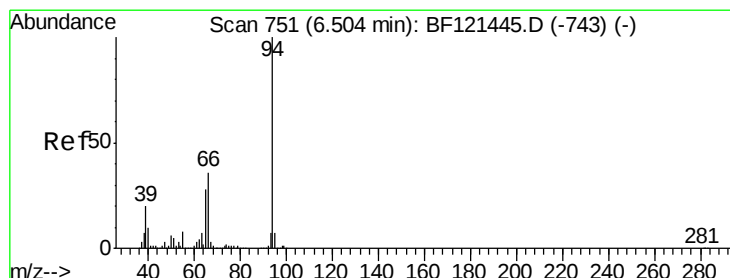
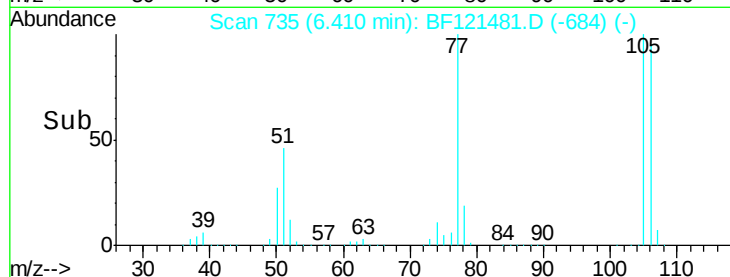
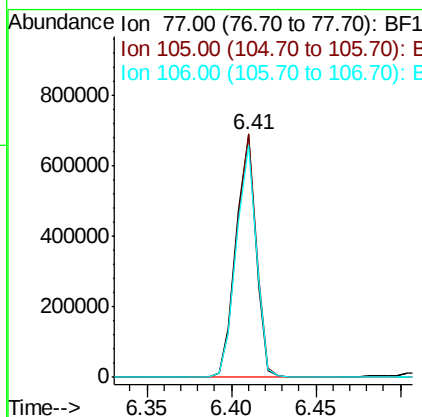
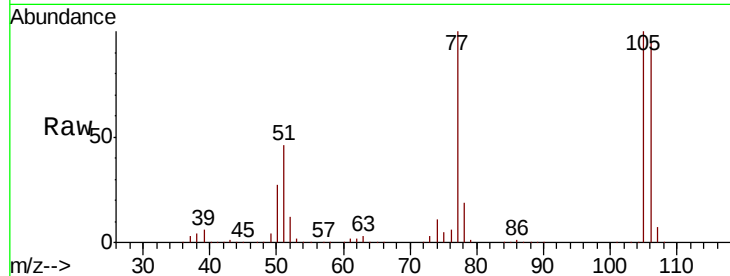




#9
Benzaldehyde
Concen: 40.369 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
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Acq: 31 Aug 2020 16:59

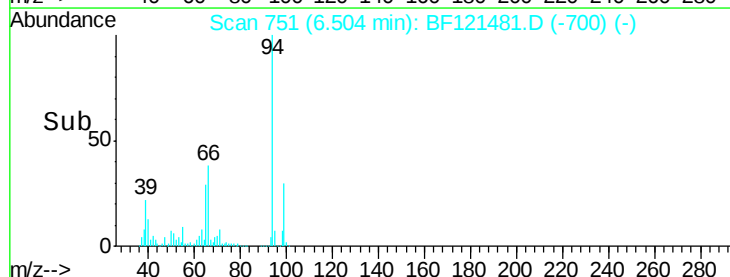
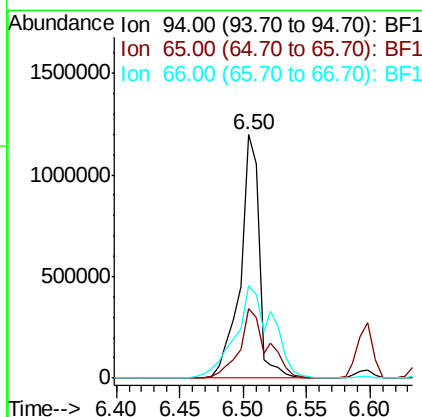
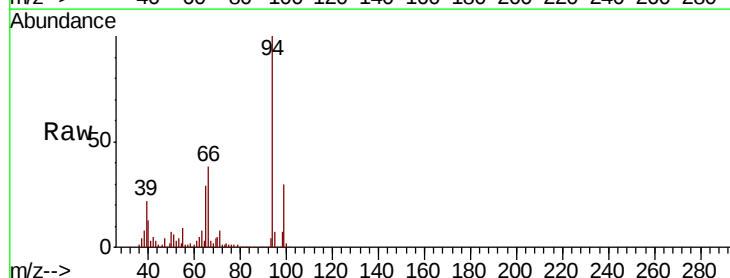
Instrument :
BNA_F
ClientSampleId :
12018MS

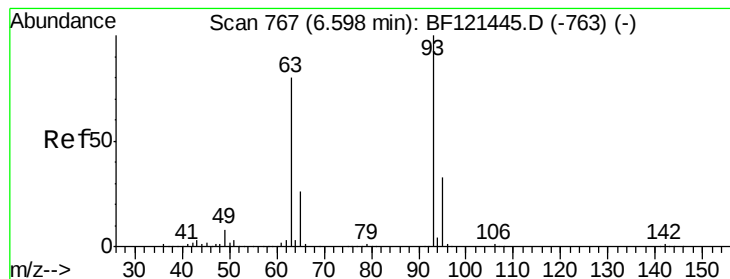
Tot Ion	Ratio	Lower	Upper
77	100		
105	100.4	78.1	118.1
106	95.5	74.3	114.3



#10
Phenol
Concen: 43.858 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.7	7.9	47.9
66	37.8	16.0	56.0





#11

bis(2-Chloroethyl)ether

Concen: 41.134 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampled :

12018MS

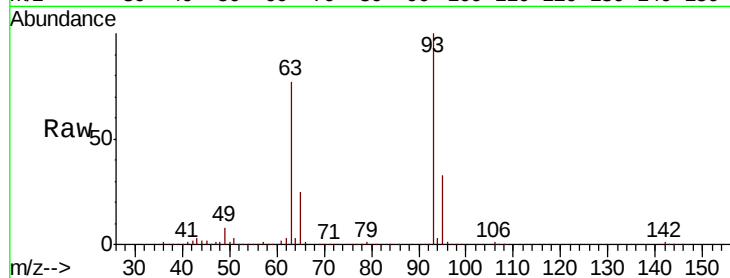
Tot Ion: 93 Resp: 933820

Ion Ratio Lower Upper

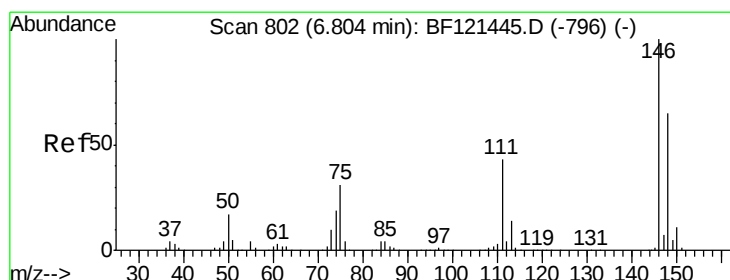
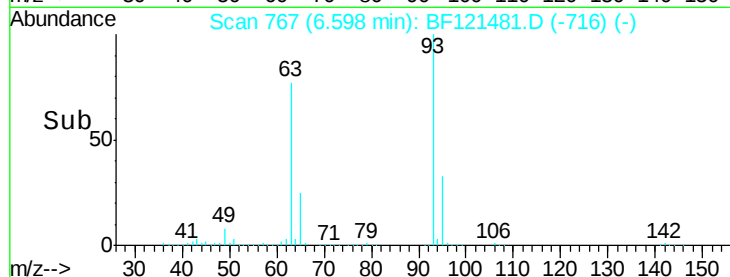
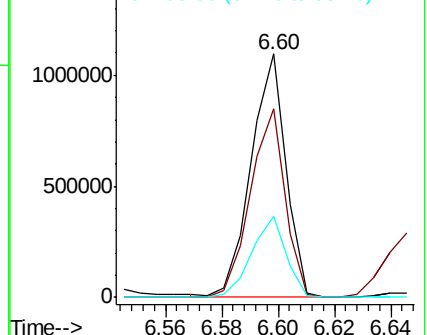
93 100

63 77.2 59.3 99.3

95 33.2 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.317 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

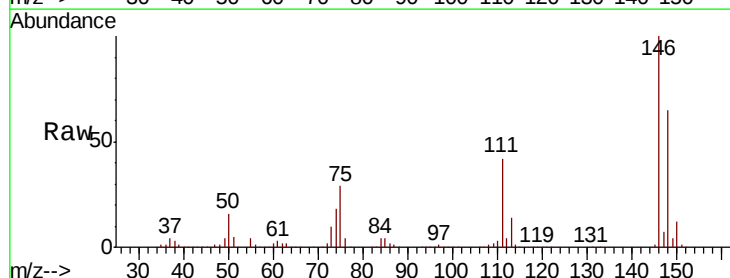
Tgt Ion: 146 Resp: 982030

Ion Ratio Lower Upper

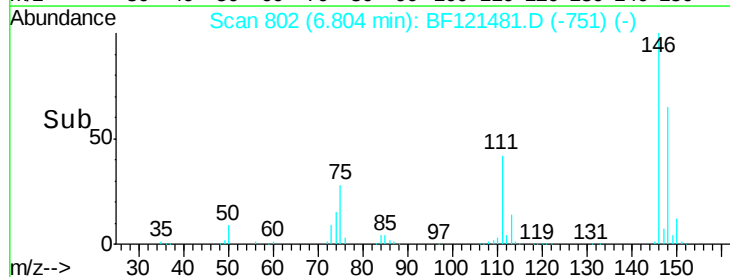
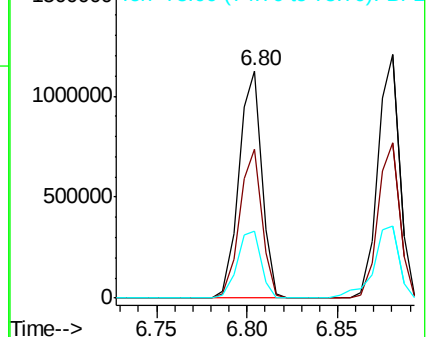
146 100

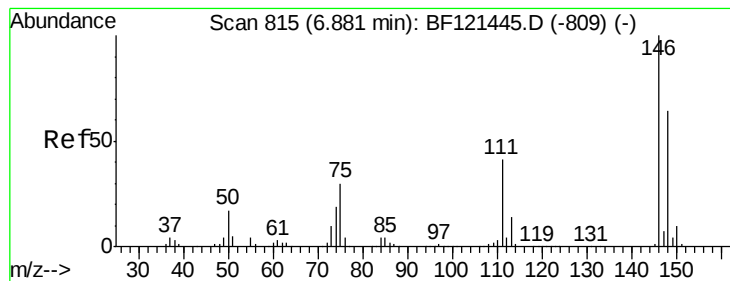
148 65.2 52.1 78.1

75 29.5 24.9 37.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.915 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

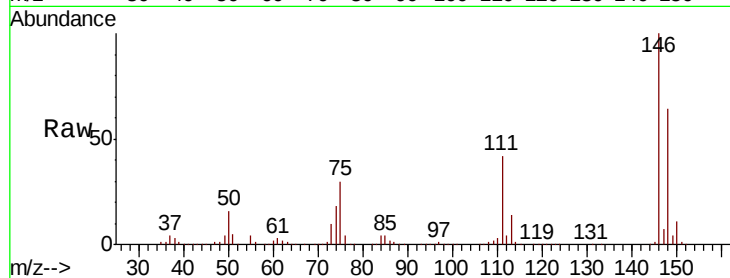
Tot Ion:146 Resp: 999127

Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

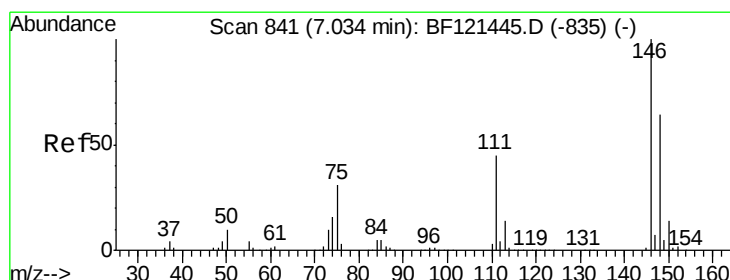
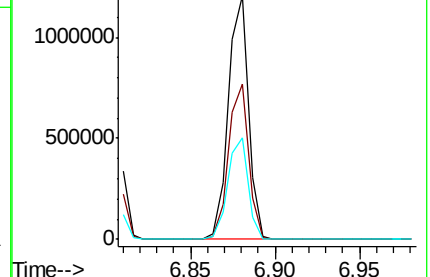
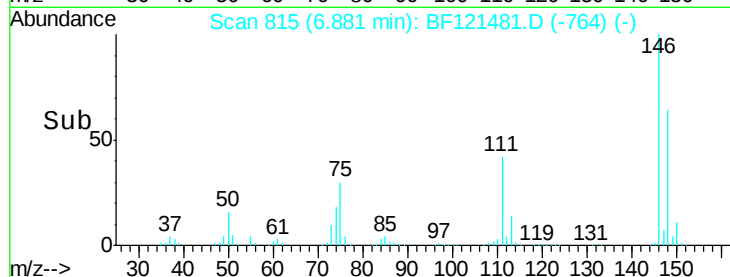
111 41.6 33.0 49.6



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



#14

1,2-Dichlorobenzene

Concen: 41.629 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

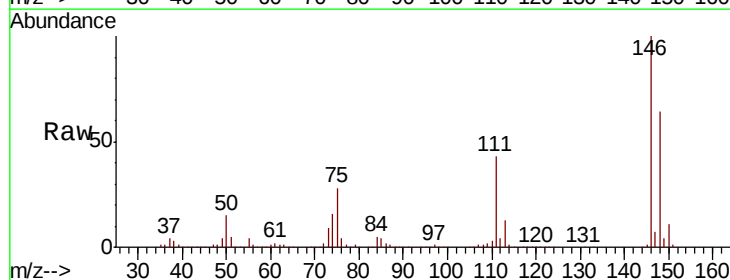
Tgt Ion:146 Resp: 970268

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

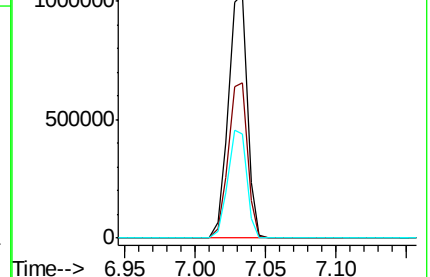
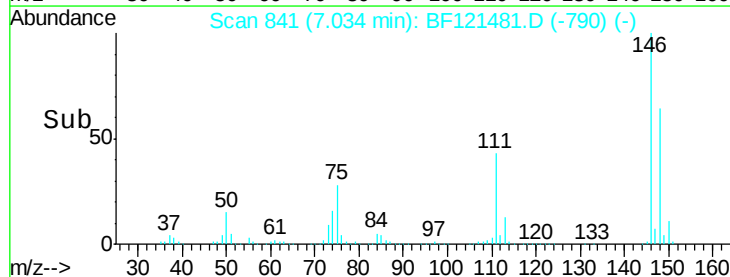
111 42.5 36.2 54.2

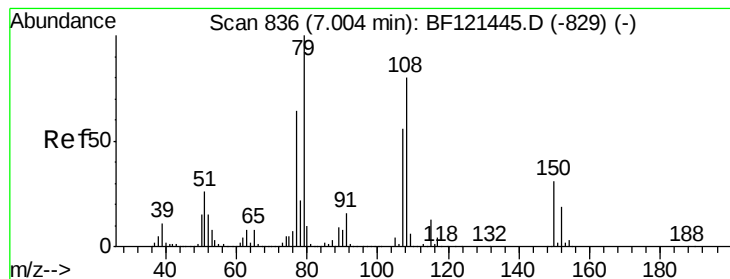


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.963 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampled :

12018MS

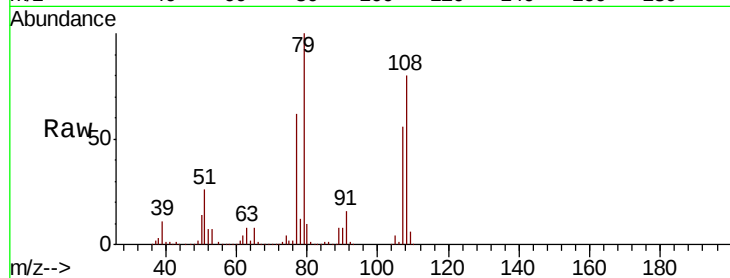
Tot Ion: 79 Resp: 824213

Ion Ratio Lower Upper

79 100

108 80.3 64.0 96.0

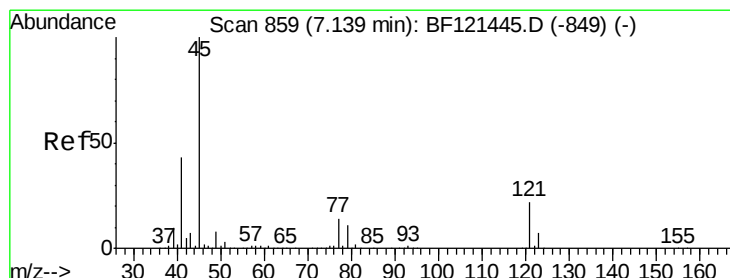
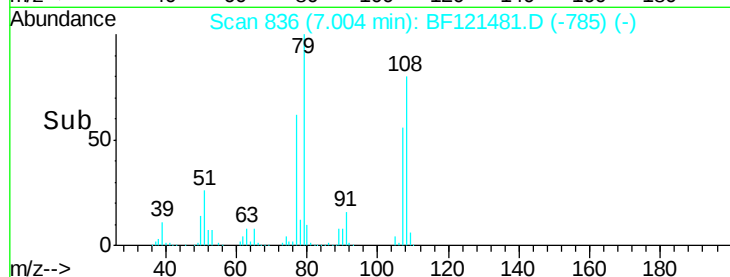
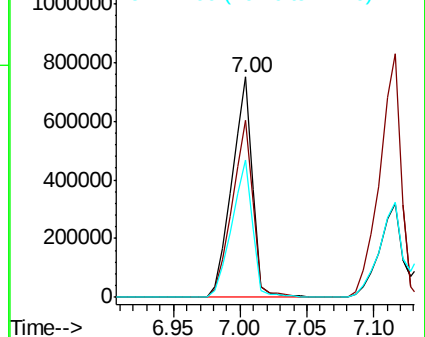
77 62.2 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.930 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

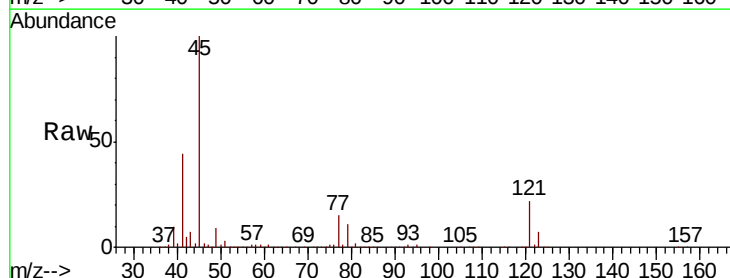
Tgt Ion: 45 Resp: 1342912

Ion Ratio Lower Upper

45 100

77 14.6 0.0 33.8

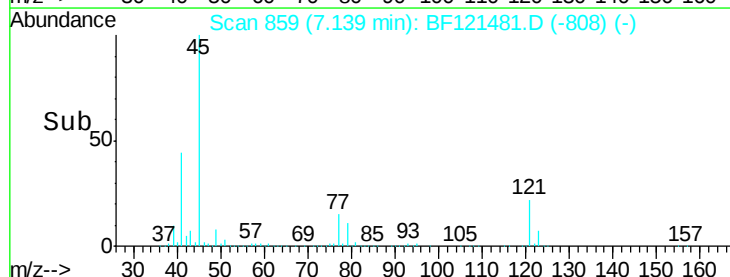
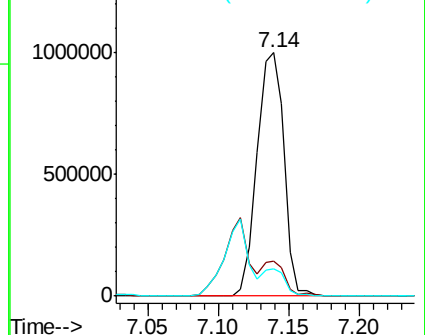
79 11.2 0.0 31.1

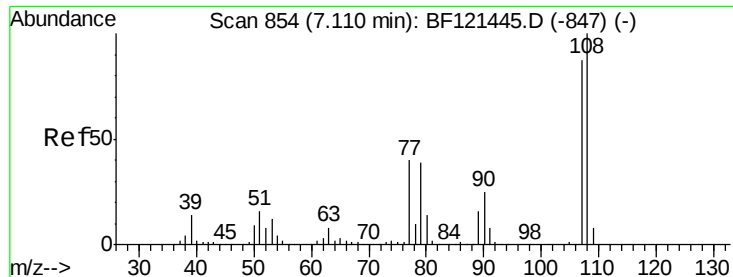


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

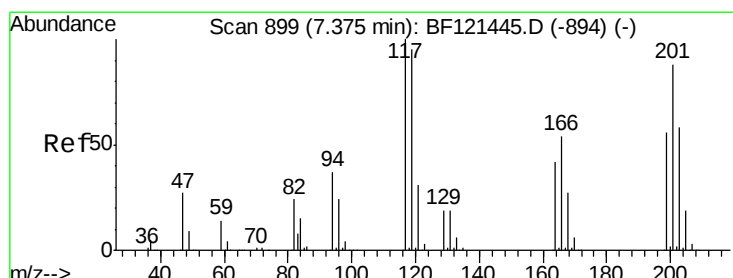
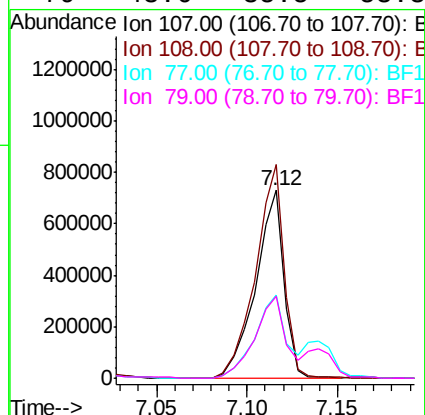
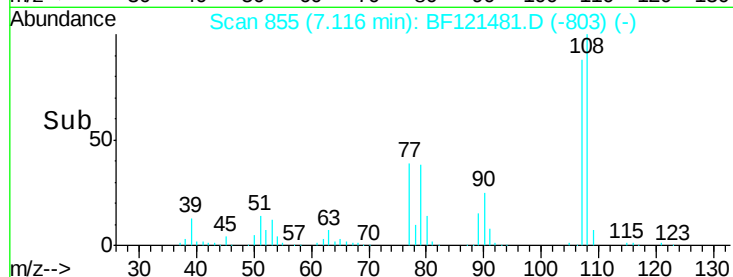
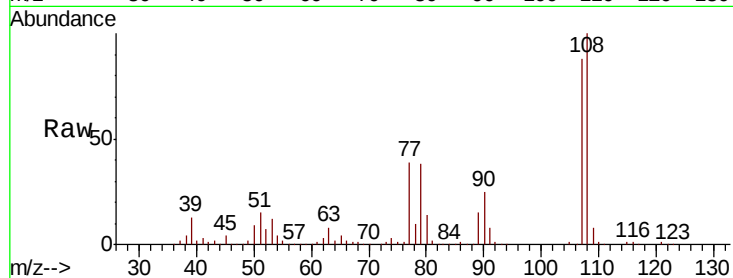




#17
2-Methylphenol
Concen: 43.655 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

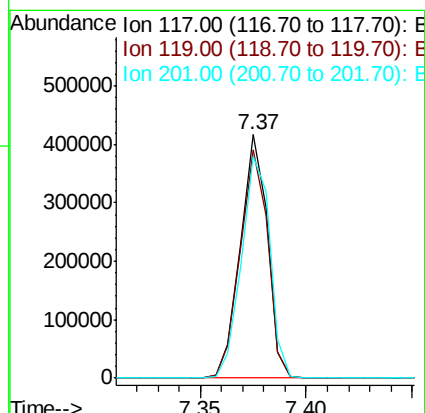
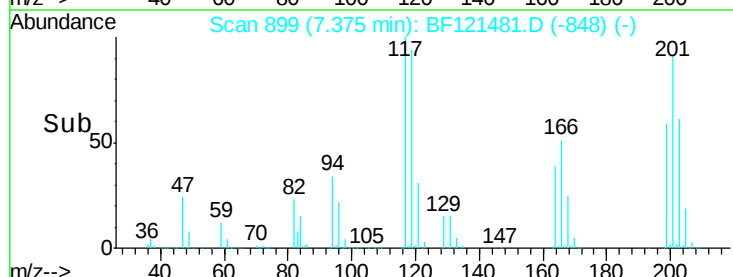
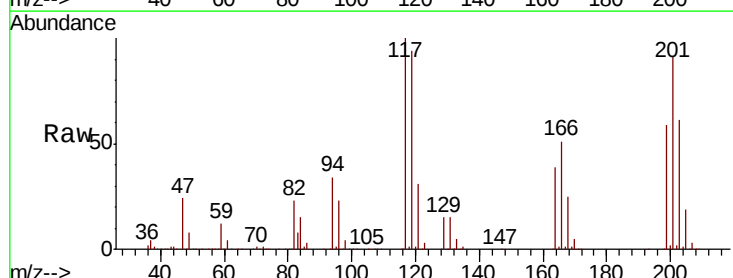
Instrument :
BNA_F
ClientSampleId :
12018MS

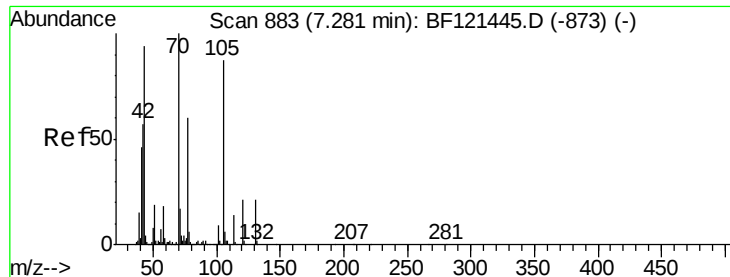
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.7	137.5
77	44.3	36.4	54.6
79	43.6	35.5	53.3



#18
Hexachloroethane
Concen: 43.162 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.8	113.8
201	91.1	70.4	105.6

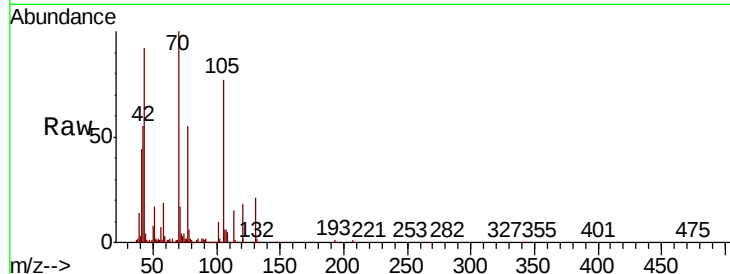




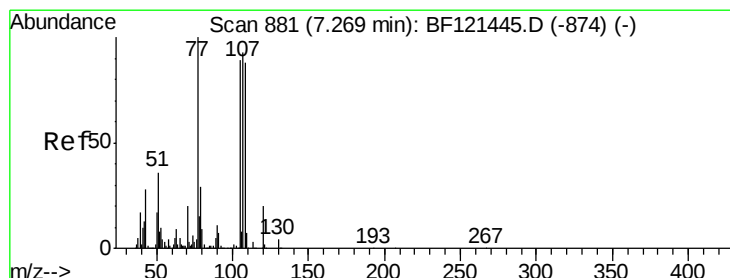
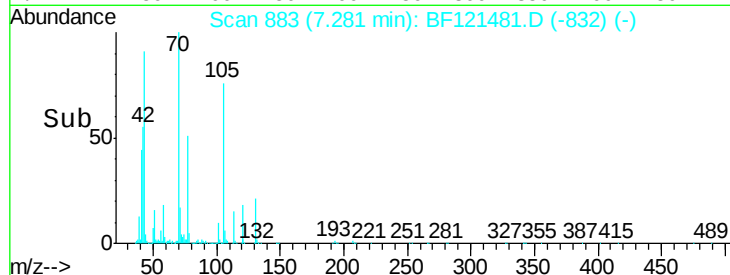
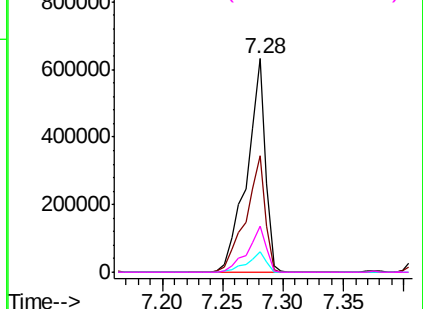
#19
n-Nitroso-di-n-propylamine
Concen: 42.398 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion:	70	Resp:	676778
Ion	Ratio	Lower	Upper
70	100		
42	54.7	45.8	68.6
101	9.7	7.5	11.3
130	21.4	16.5	24.7

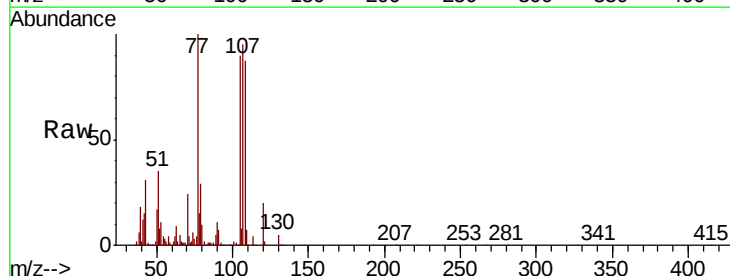


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

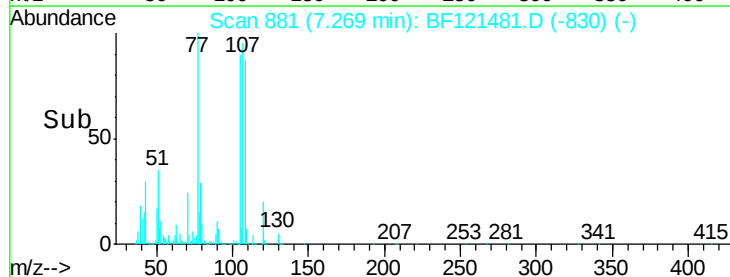
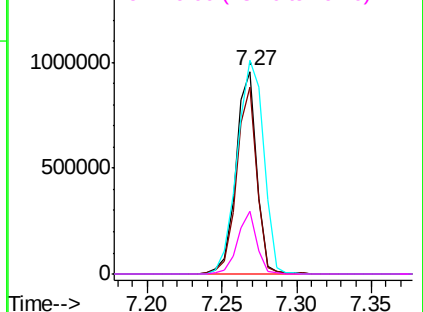


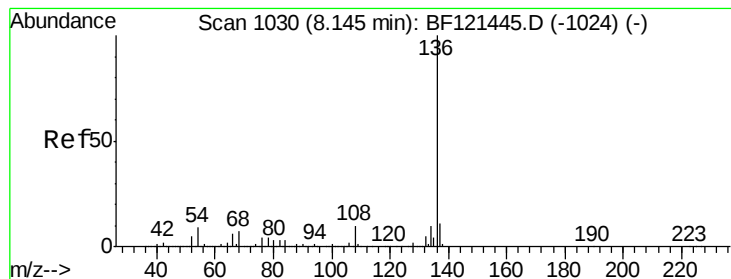
#20
3+4-Methylphenols
Concen: 42.482 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion:	107	Resp:	927871
Ion	Ratio	Lower	Upper
107	100		
108	92.1	75.0	115.0
77	105.6	87.5	127.5
79	31.0	11.1	51.1



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

Tot Ion:136 Resp: 1310801

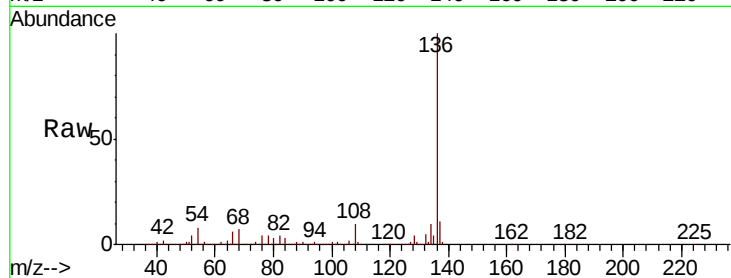
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.5 7.0 10.4

68 6.9 5.5 8.3

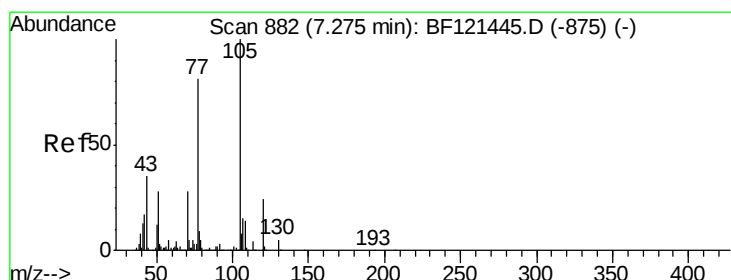
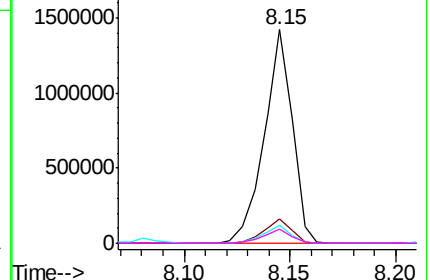
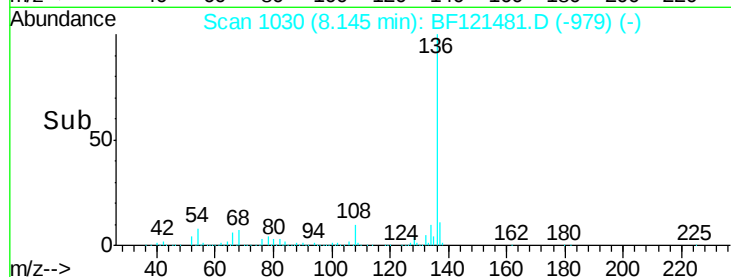


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.711 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Tgt Ion:105 Resp: 1250644

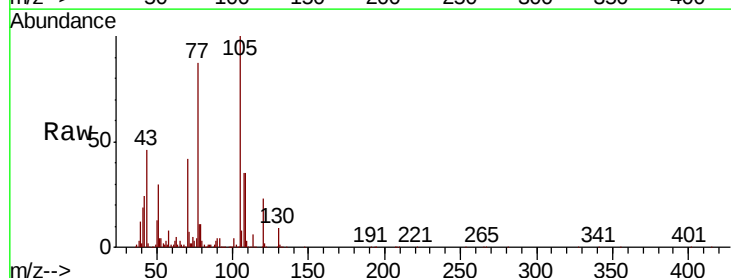
Ion Ratio Lower Upper

105 100

71 7.3 3.8 5.6#

51 29.6 22.6 33.8

120 22.8 18.9 28.3

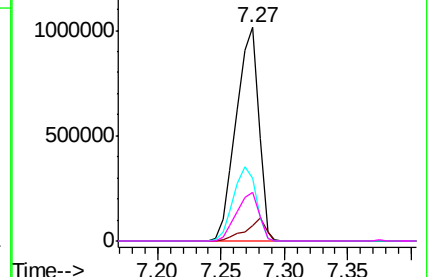
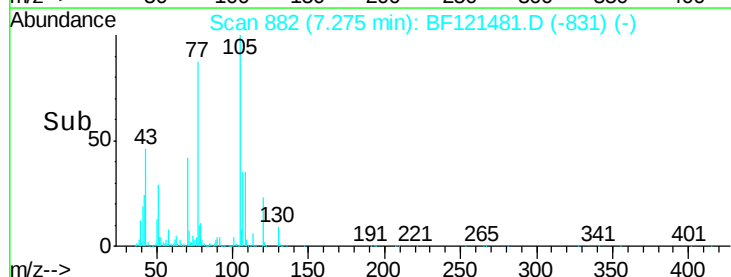


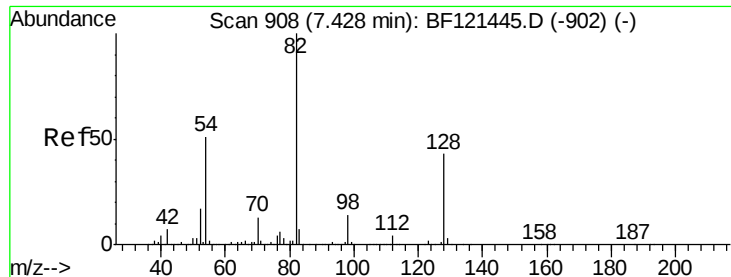
Abundance Ion 105.00 (104.70 to 105.70): E

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

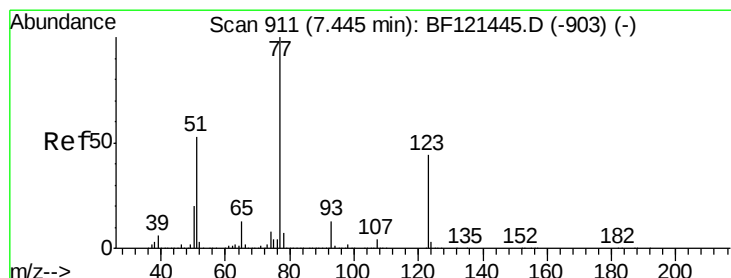
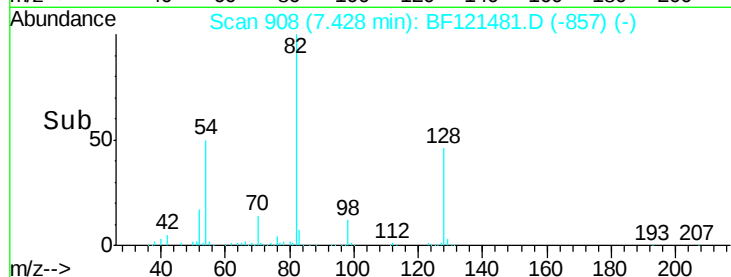
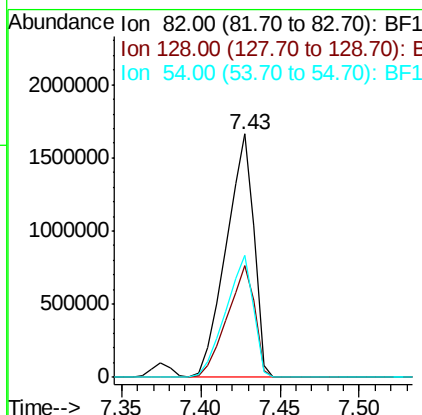
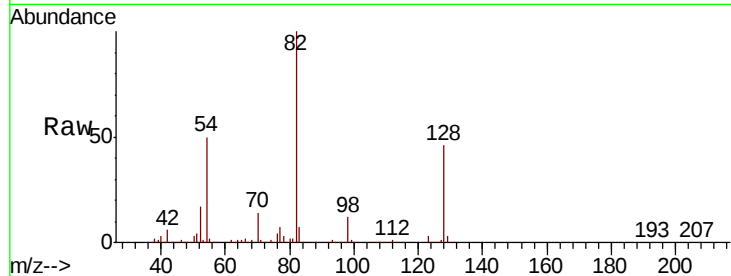




#23
 Nitrobenzene-d5
 Concen: 105.367 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

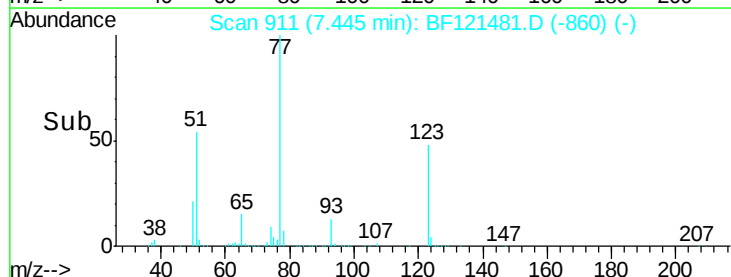
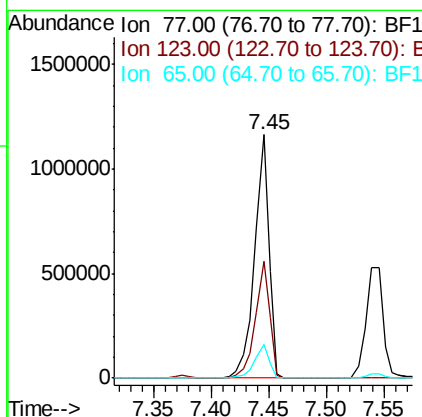
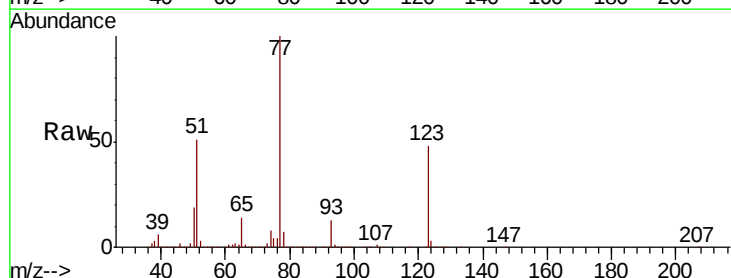
Instrument :
 BNA_F
 ClientSampleId :
 12018MS

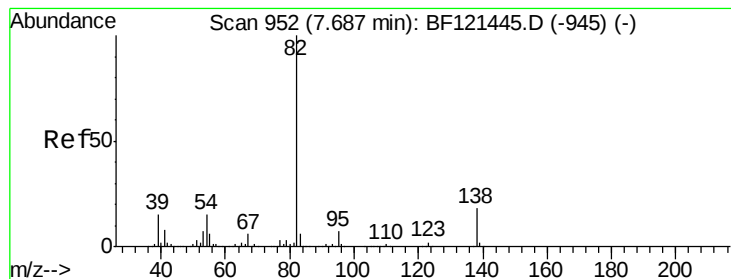
Tot Ion: 82 Resp: 2020236
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.1 51.1
 54 50.2 41.0 61.6



#24
 Nitrobenzene
 Concen: 52.250 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion: 77 Resp: 1004187
 Ion Ratio Lower Upper
 77 100
 123 47.8 35.5 53.3
 65 13.8 10.6 16.0





#25

Isophorone

Concen: 43.389 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

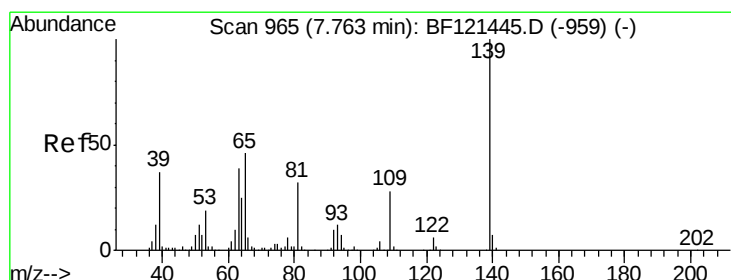
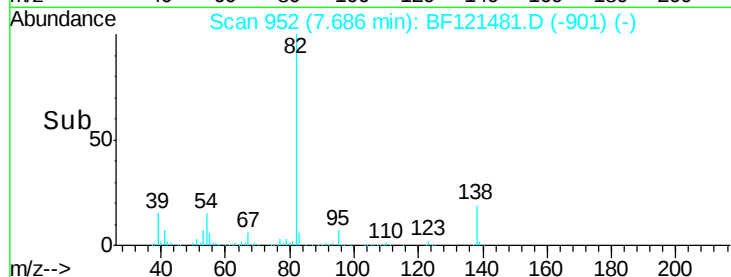
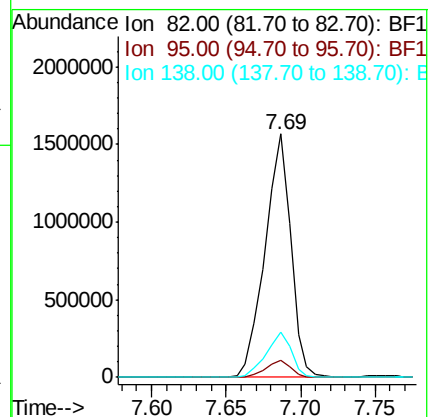
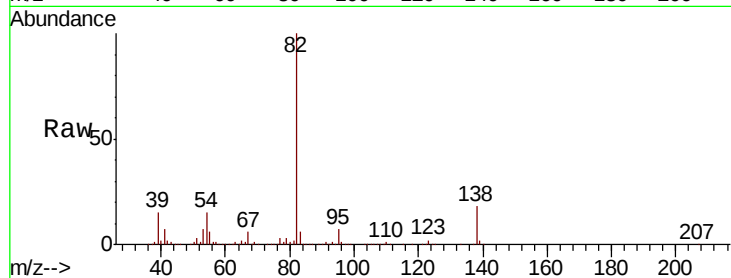
Tot Ion: 82 Resp: 1871156

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 18.4 14.8 22.2



#26

2-Nitrophenol

Concen: 57.615 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

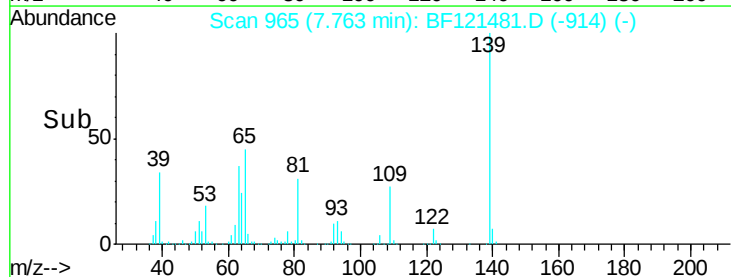
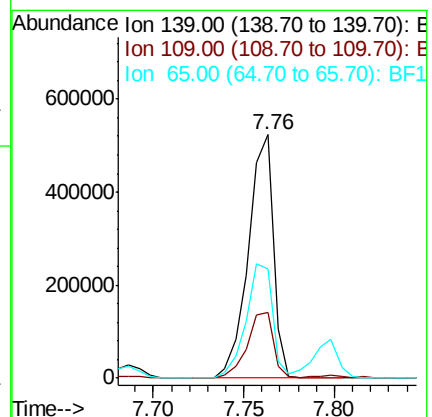
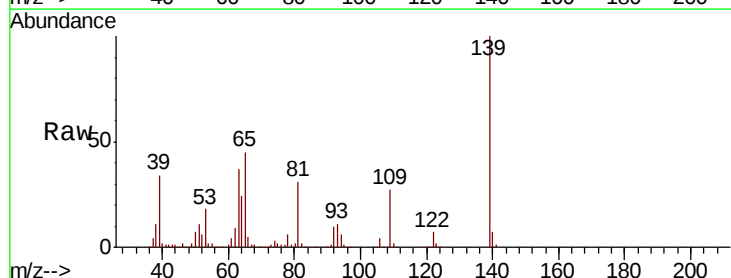
Tgt Ion: 139 Resp: 504004

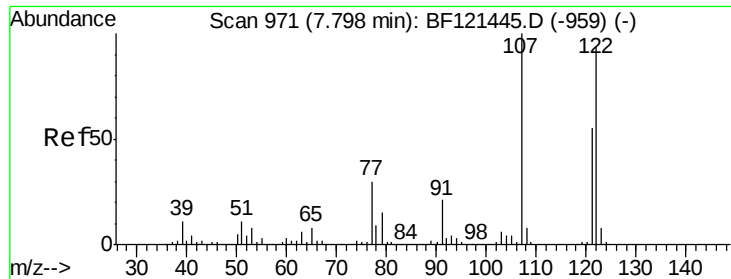
Ion Ratio Lower Upper

139 100

109 27.0 22.1 33.1

65 45.0 37.2 55.8

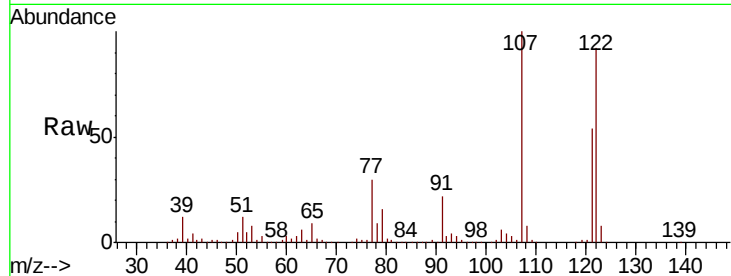




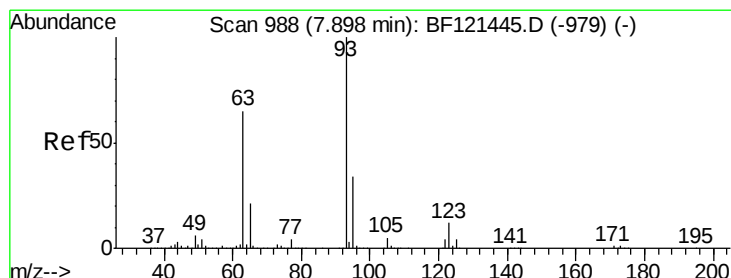
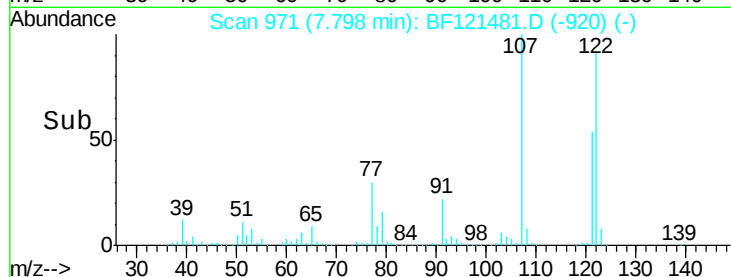
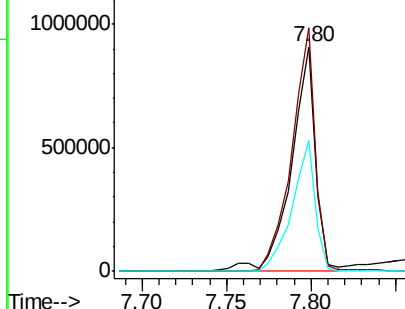
#27
2,4-Dimethylphenol
Concen: 50.534 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion:122 Resp: 903869
Ion Ratio Lower Upper
122 100
107 108.5 84.9 127.3
121 58.4 46.4 69.6

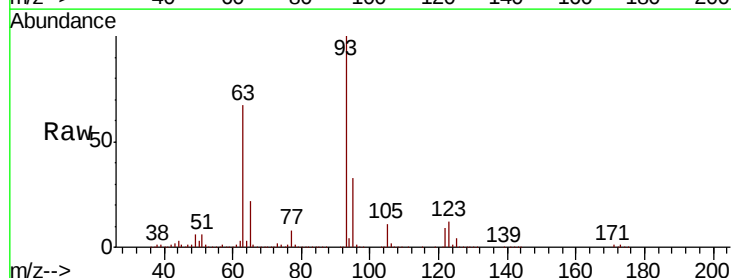


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

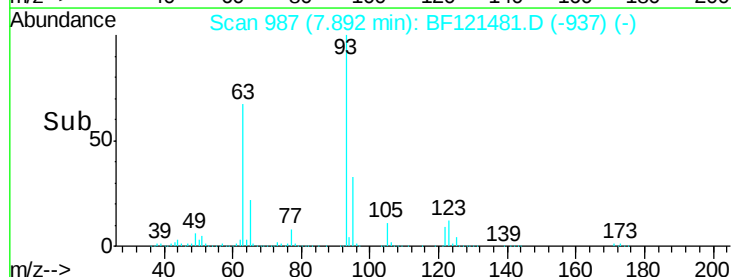
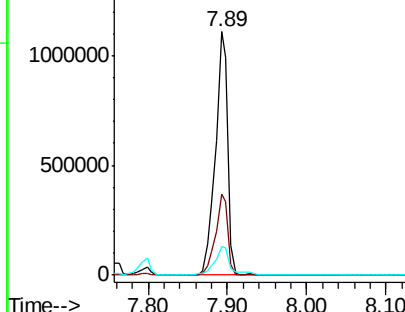


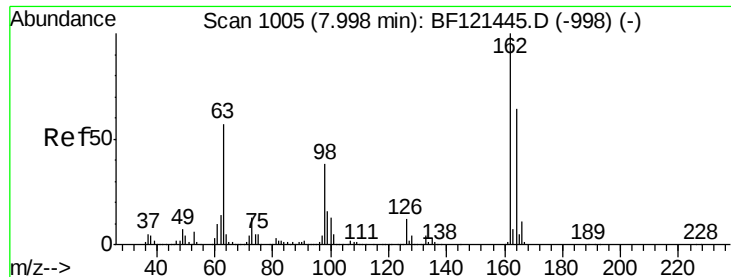
#28
bis(2-Chloroethoxy)methane
Concen: 40.698 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion: 93 Resp: 1193476
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 11.9 9.6 14.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

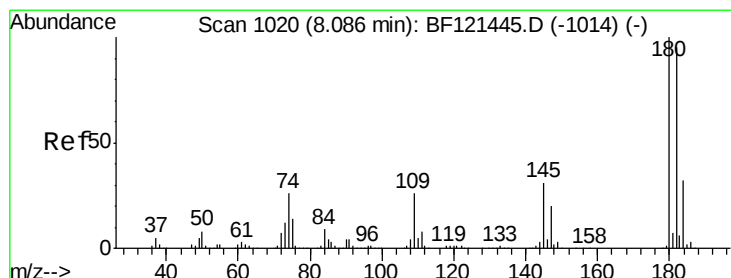
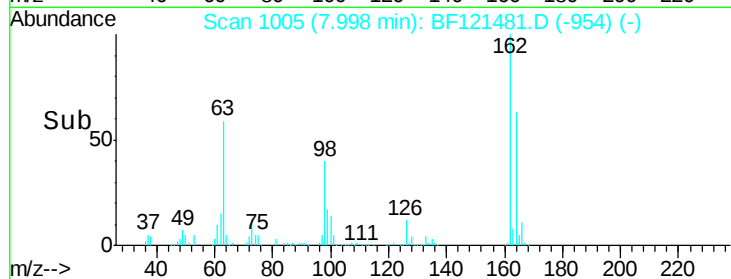
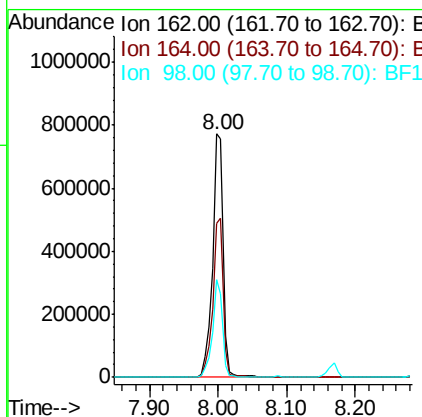
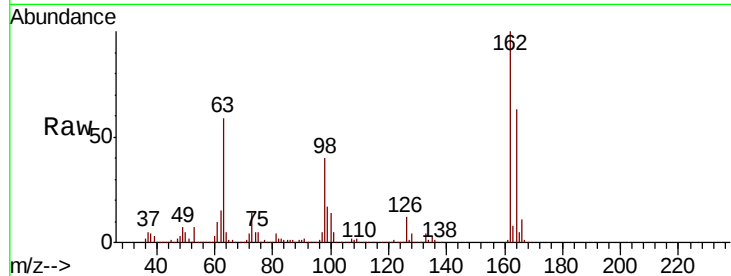




#29
 2,4-Dichlorophenol
 Concen: 46.166 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

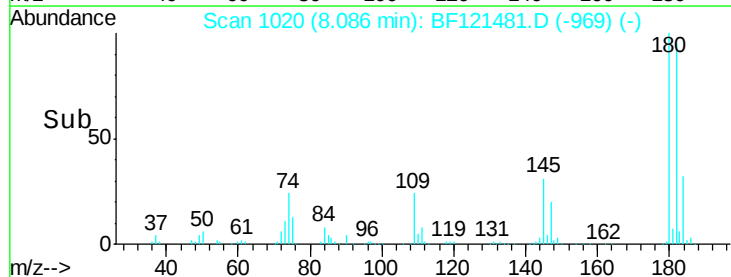
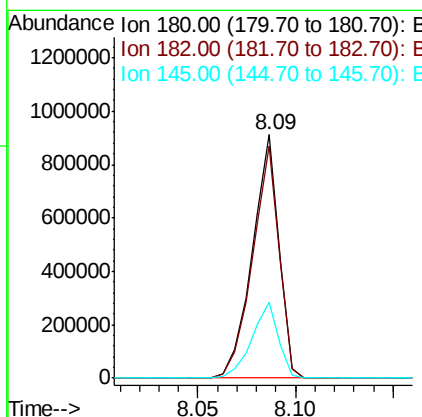
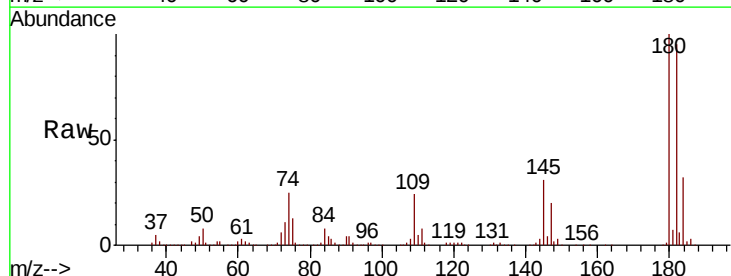
Instrument :
 BNA_F
 ClientSampled :
 12018MS

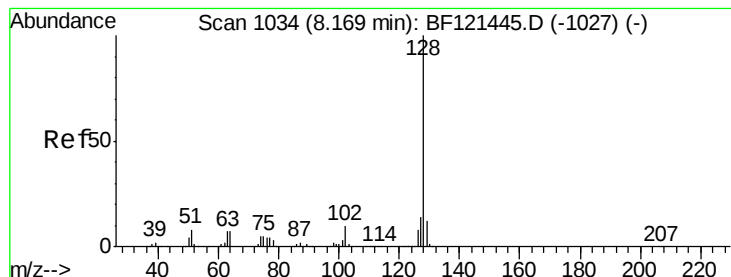
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.0	84.0
98	39.9	18.4	58.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.718 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.4
145	31.2	25.2	37.8





#31

Naphthalene

Concen: 40.521 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

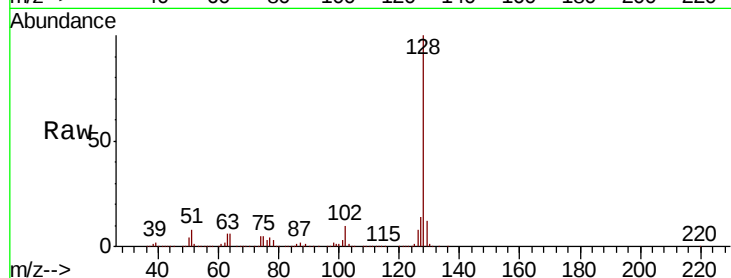
BNA_F

ClientSampleId :

12018MS

Tot Ion:128 Resp: 2636927

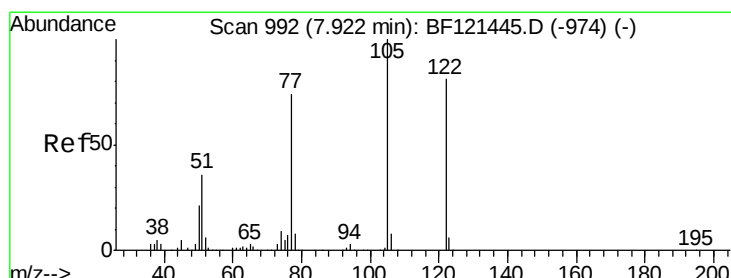
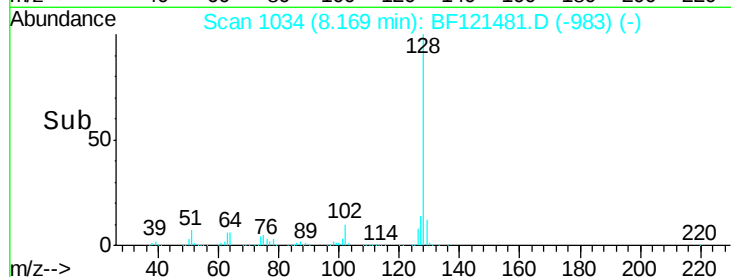
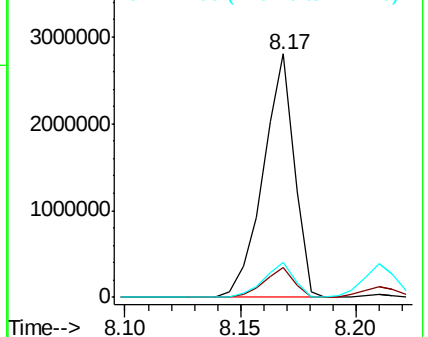
Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	14.4	11.4	17.2



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: 51.597 ng

RT: 7.93 min Scan# 993

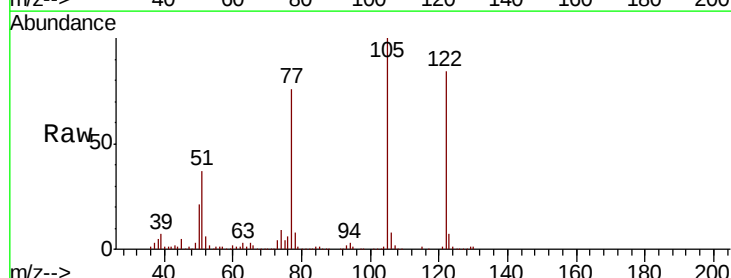
Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Tgt Ion:122 Resp: 599442

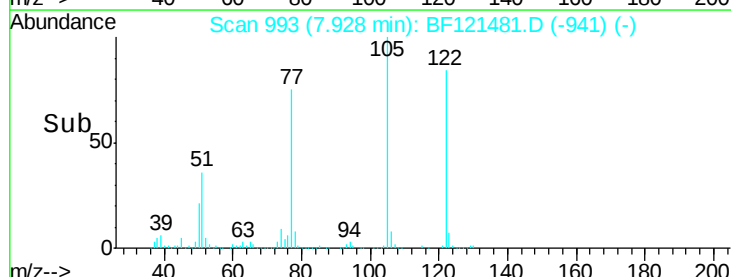
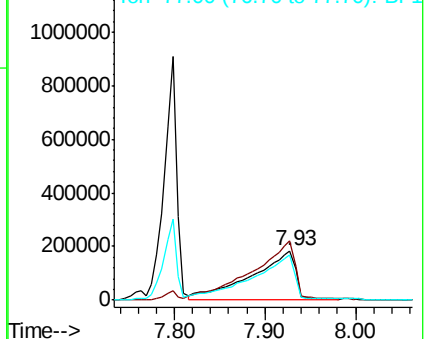
Ion	Ratio	Lower	Upper
122	100		
105	119.2	100.8	140.8
77	90.4	71.5	111.5

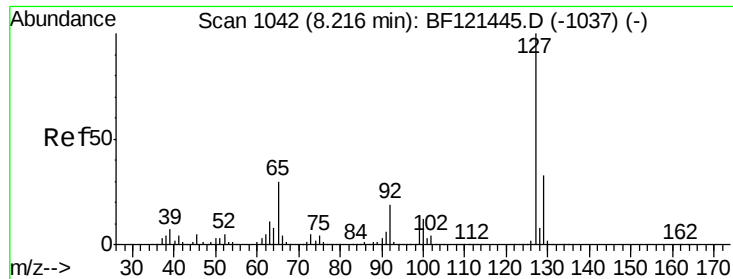


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

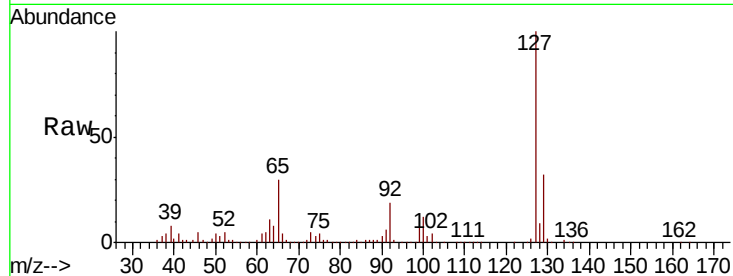




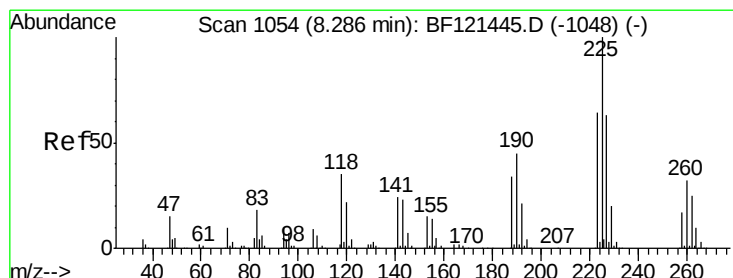
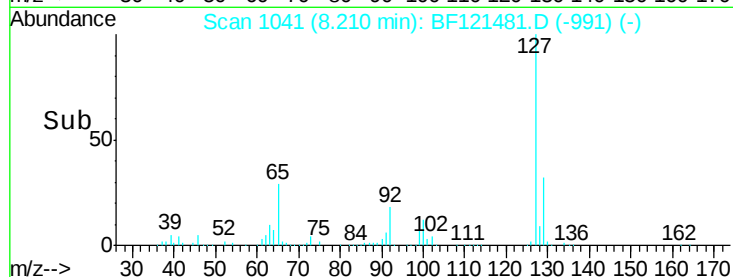
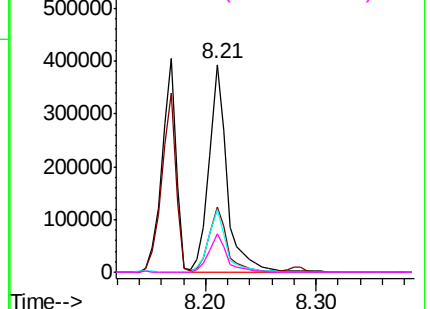
#33
4-Chloroaniline
Concen: 14.969 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion:127	Resp:	433866
Ion Ratio	Lower	Upper
127	100	
129	31.7	26.1 39.1
65	30.1	23.7 35.5
92	18.6	15.0 22.6

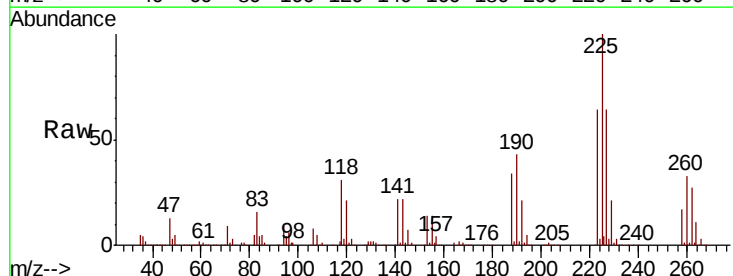


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

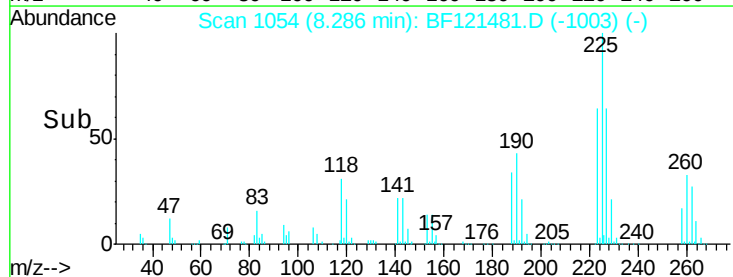
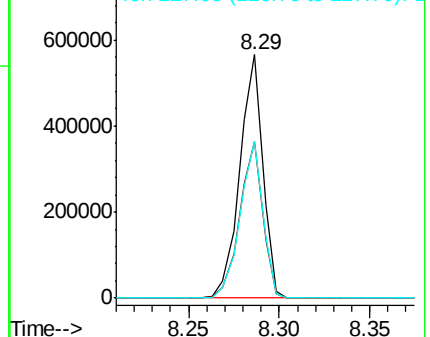


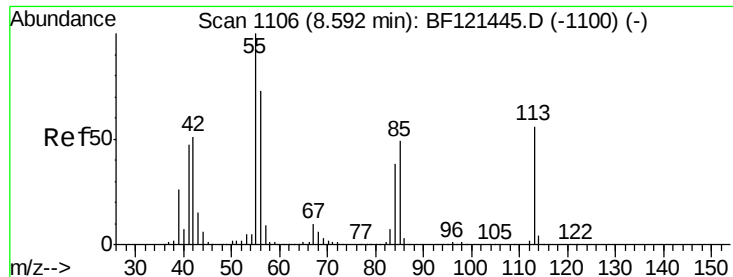
#34
Hexachlorobutadiene
Concen: 38.819 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion:225	Resp:	499431
Ion Ratio	Lower	Upper
225	100	
223	64.3	51.0 76.4
227	64.4	50.0 75.0



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

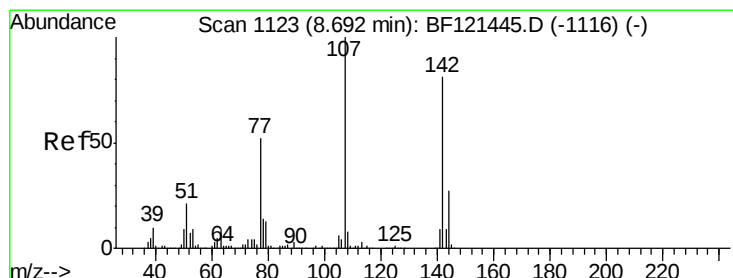
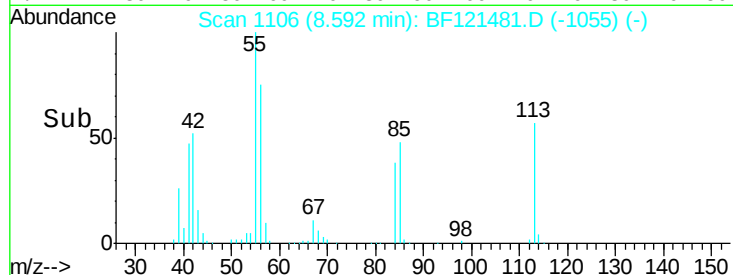
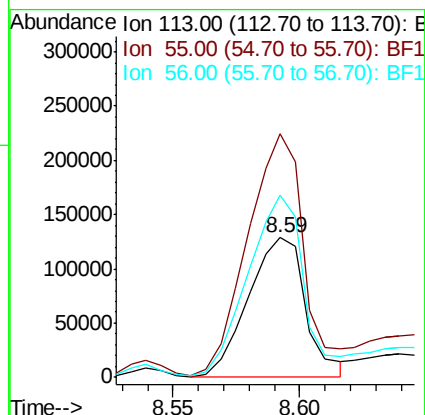
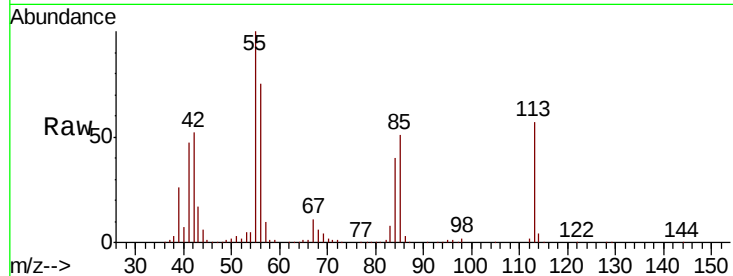




#35
 Caprolactam
 Concen: 35.333 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

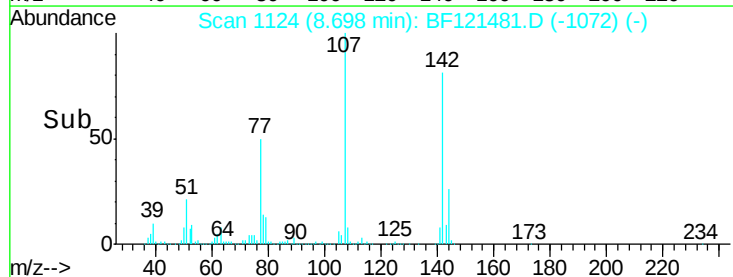
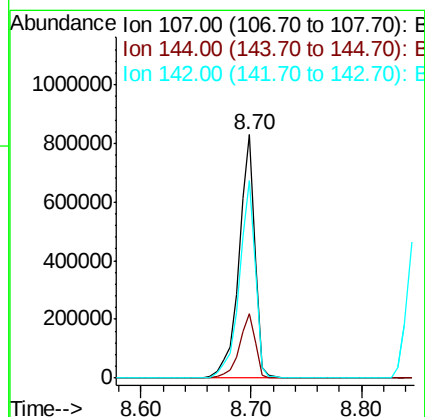
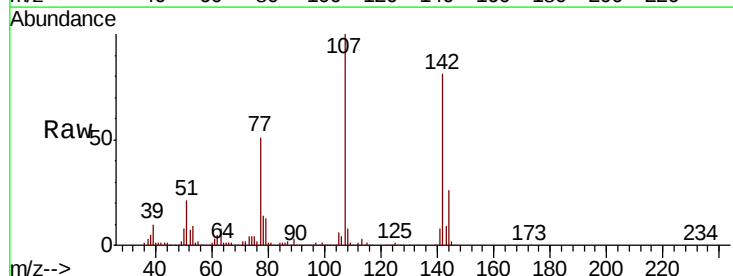
Instrument :
 BNA_F
 ClientSampleId :
 12018MS

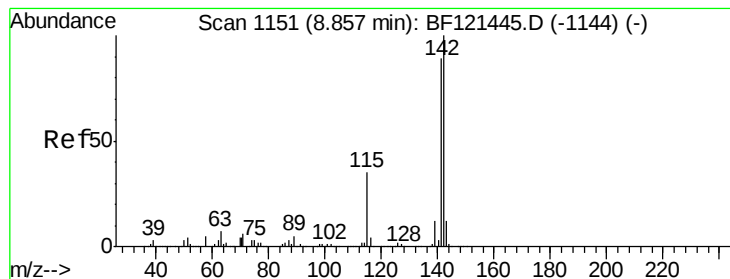
Tot Ion:113 Resp: 203517
 Ion Ratio Lower Upper
 113 100
 55 174.7 159.9 199.9
 56 130.3 111.4 151.4



#36
 4-Chloro-3-methylphenol
 Concen: 45.152 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion:107 Resp: 840754
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.4 32.2
 142 80.9 65.0 97.4





#37

2-Methylnaphthalene

Concen: 42.755 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

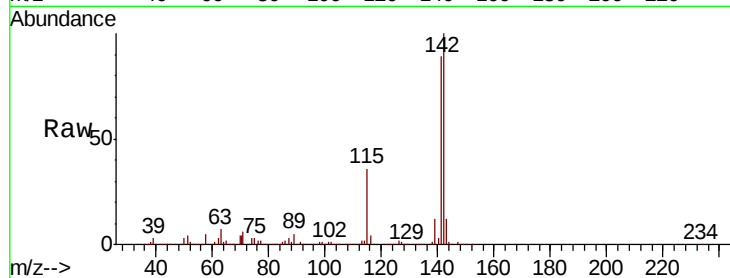
Tot Ion:142 Resp: 1843409

Ion Ratio Lower Upper

142 100

141 89.4 70.8 106.2

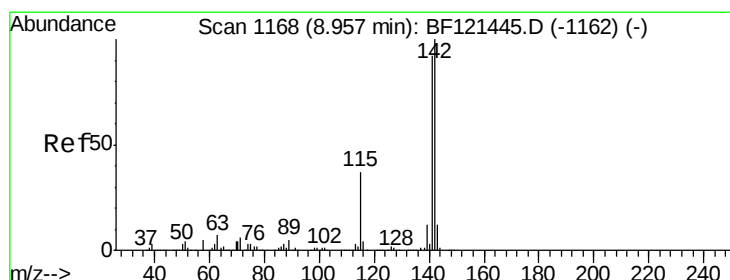
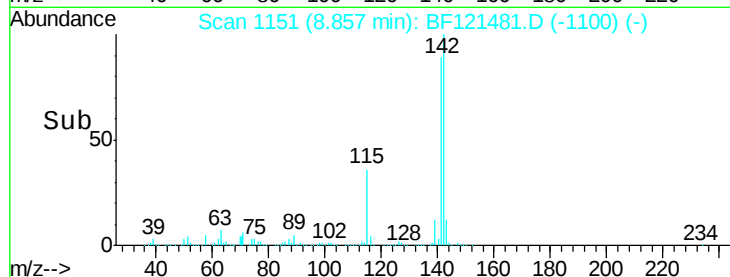
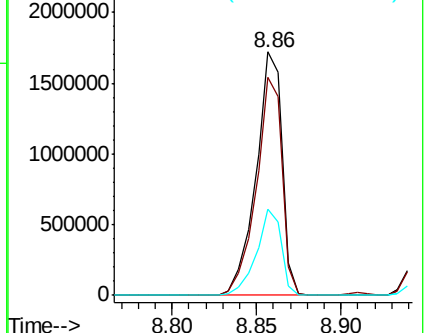
115 35.5 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.731 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

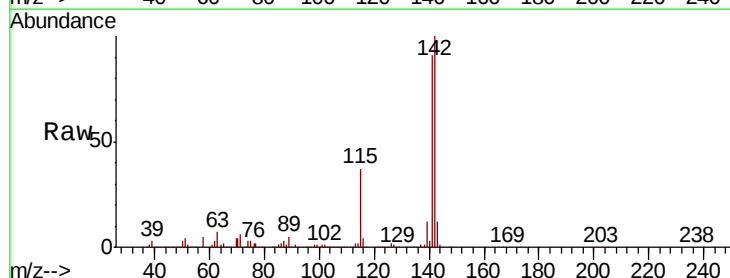
Tgt Ion:142 Resp: 1739705

Ion Ratio Lower Upper

142 100

141 91.3 73.7 110.5

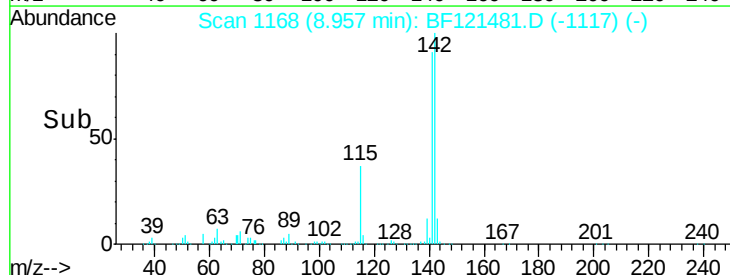
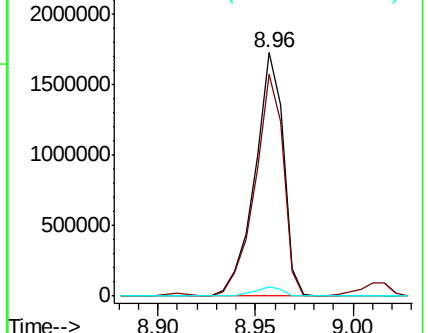
116 3.9 3.1 4.7

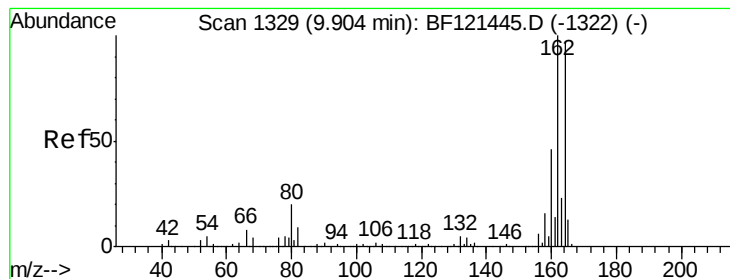


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

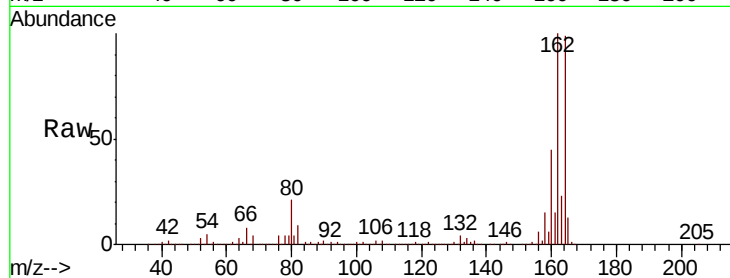
Tot Ion:164 Resp: 690494

Ion Ratio Lower Upper

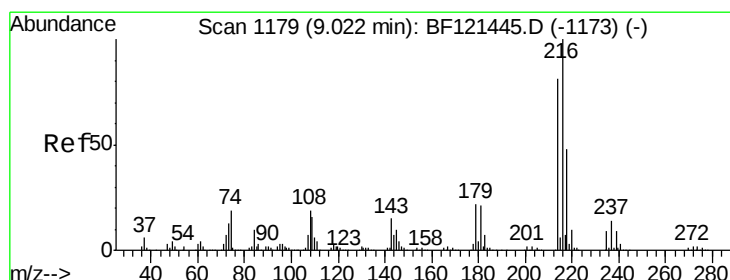
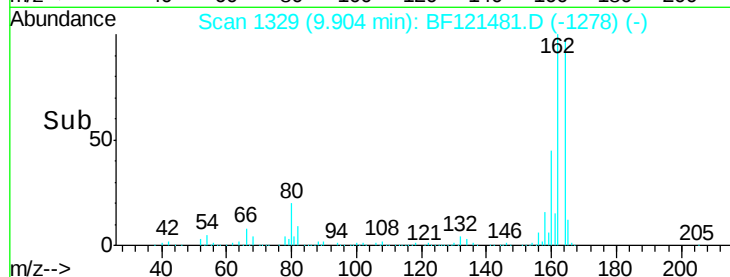
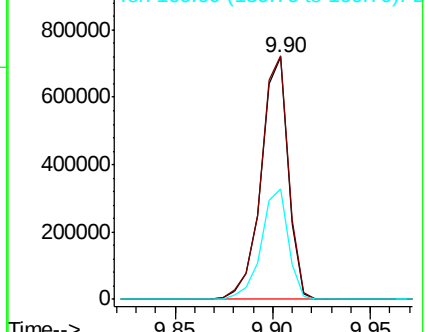
164 100

162 100.5 82.4 123.6

160 45.6 37.6 56.4



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: 40.733 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Tgt Ion:216 Resp: 833749

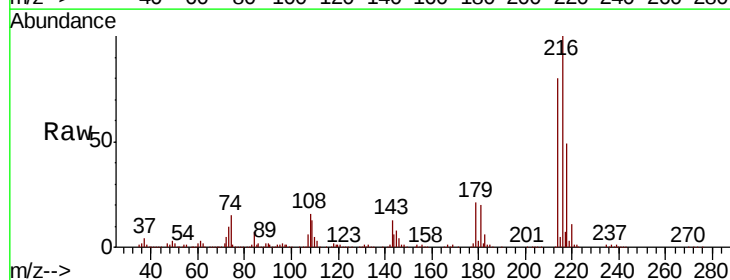
Ion Ratio Lower Upper

216 100

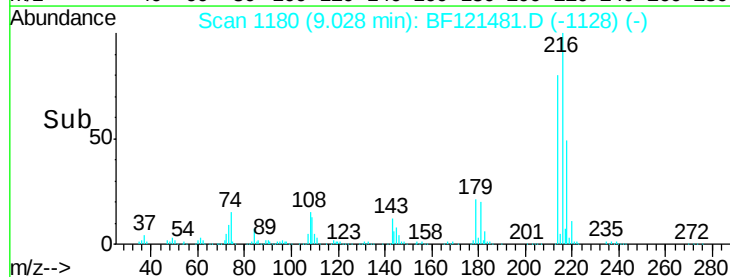
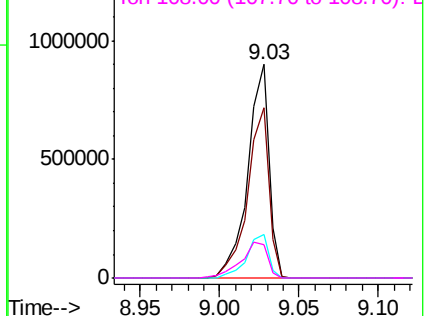
214 80.0 64.2 96.4

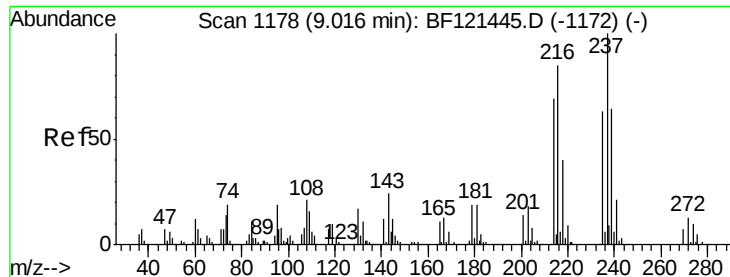
179 21.1 17.0 25.4

108 20.7 15.3 22.9



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: 94.075 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

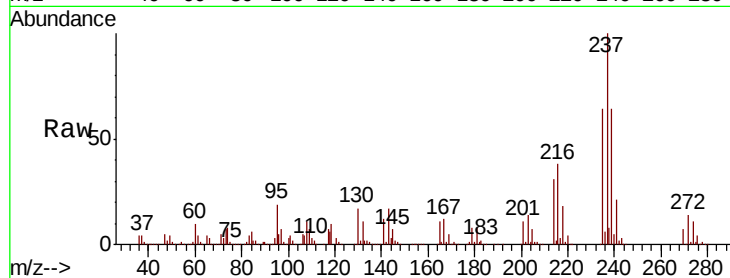
Tot Ion:237 Resp: 809743

Ion Ratio Lower Upper

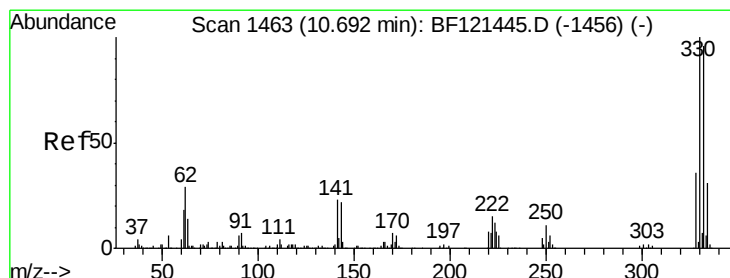
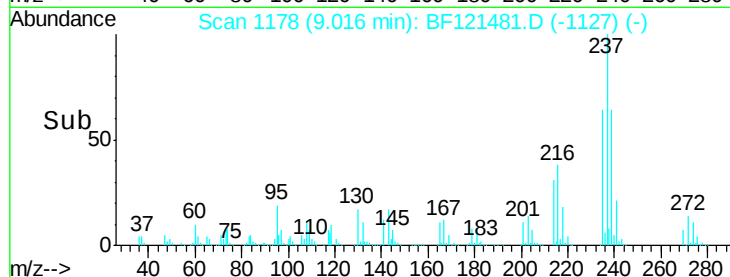
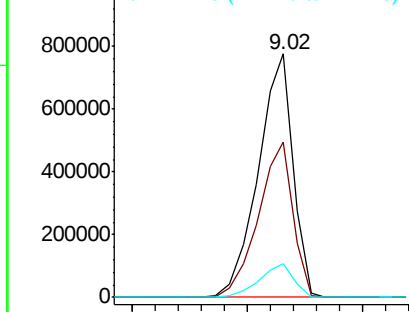
237 100

235 63.9 42.9 82.9

272 13.8 0.0 33.1



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: 136.437 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

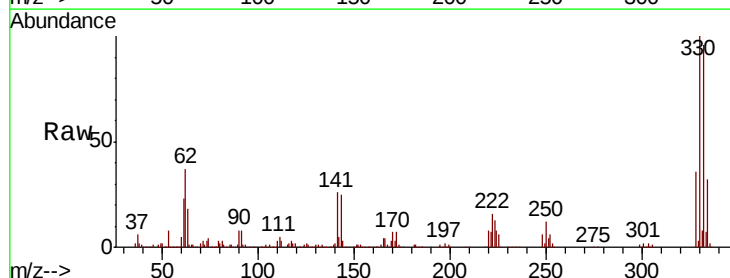
Tgt Ion:330 Resp: 951560

Ion Ratio Lower Upper

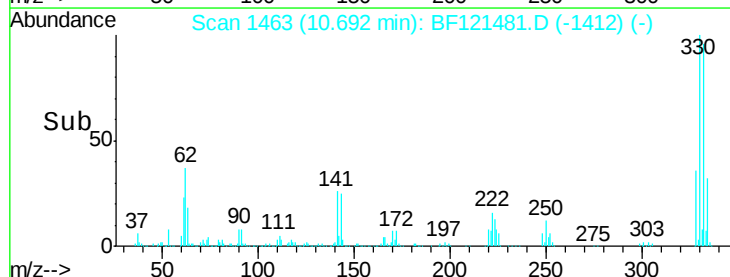
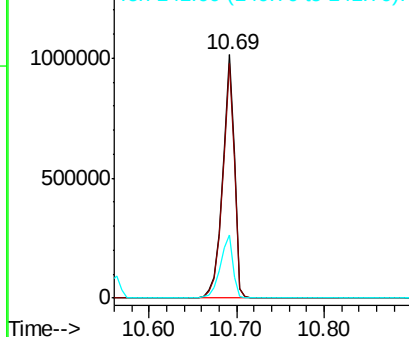
330 100

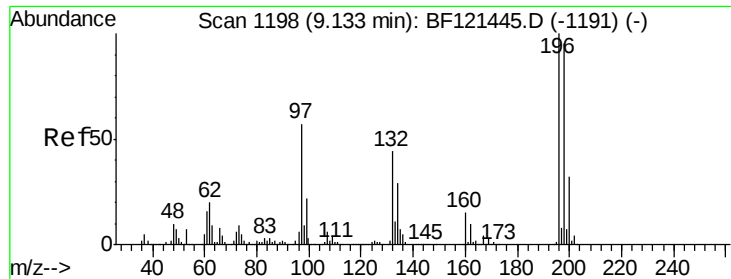
332 96.2 76.2 114.2

141 27.8 24.6 36.8



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

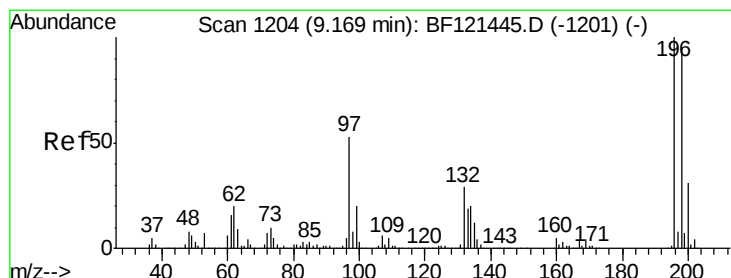
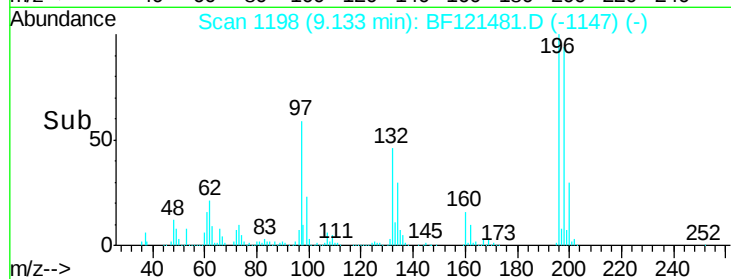
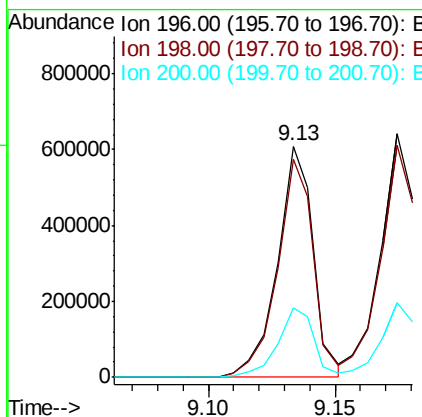
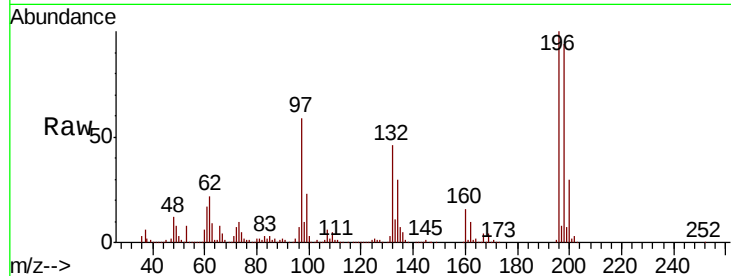




#43
 2,4,6-Trichlorophenol
 Concen: 46.600 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

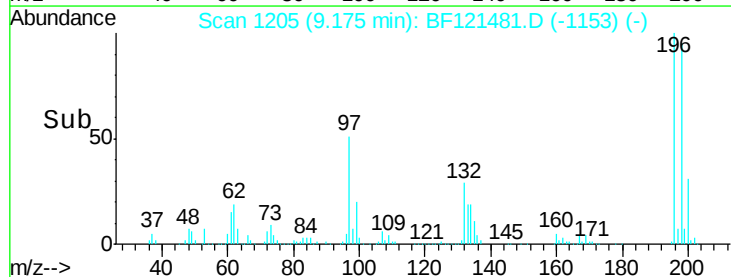
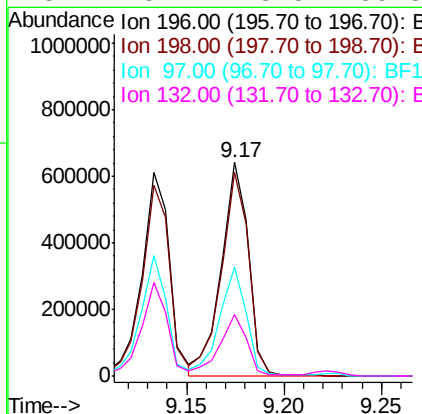
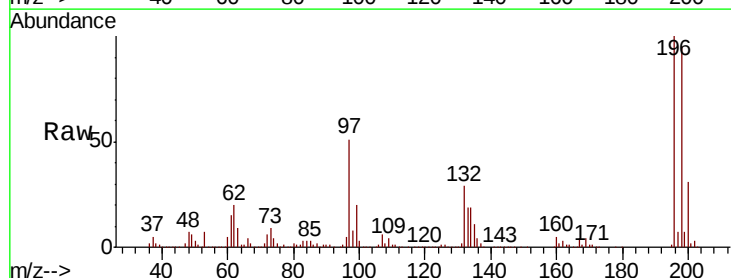
Instrument :
 BNA_F
 ClientSampleId :
 12018MS

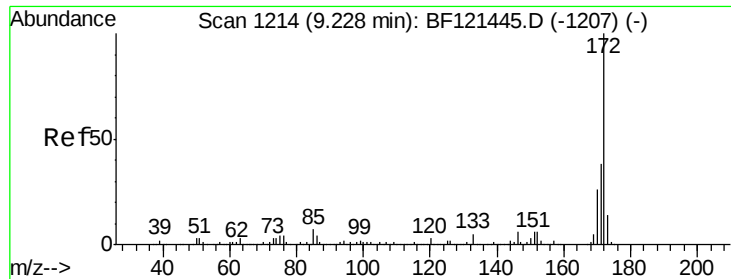
Tot Ion:196	Resp:	602869
Ion Ratio	Lower	Upper
196	100	
198	94.3	75.8 113.6
200	30.2	25.3 37.9



#44
 2,4,5-Trichlorophenol
 Concen: 48.451 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion:196	Resp:	619824
Ion Ratio	Lower	Upper
196	100	
198	95.4	76.2 114.2
97	51.2	42.6 64.0
132	28.7	23.5 35.3

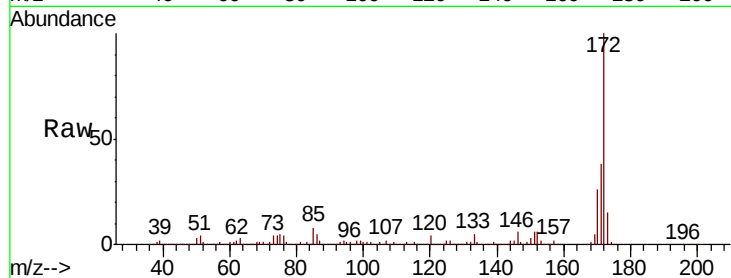




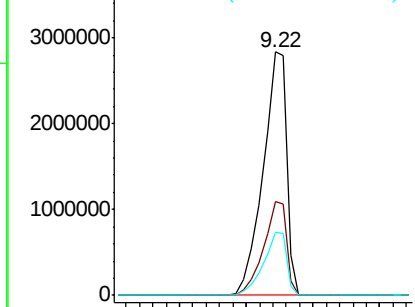
#45
2-Fluorobiphenyl
Concen: 81.247 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

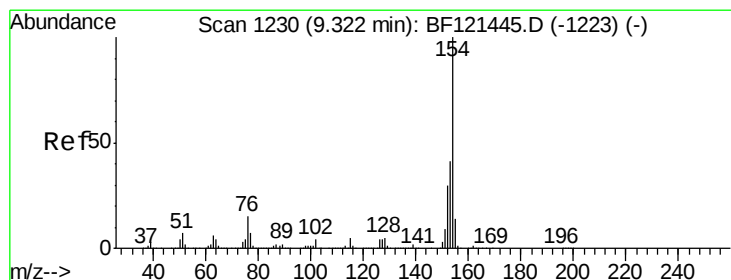
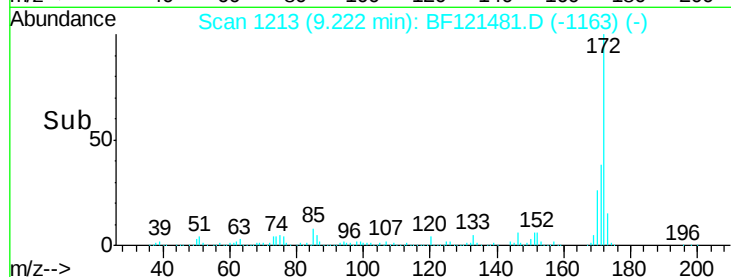
Tot Ion:172 Resp: 3476892
Ion Ratio Lower Upper
172 100
171 38.5 30.6 45.8
170 26.1 20.6 31.0



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

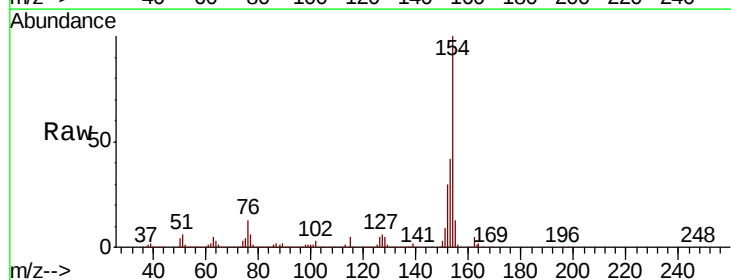


Time-->

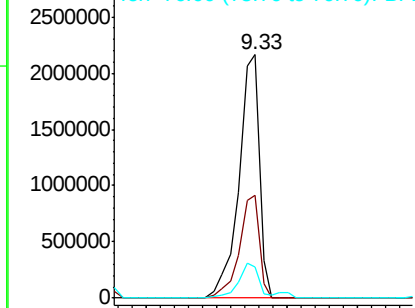


#46
1,1'-Biphenyl
Concen: 41.782 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

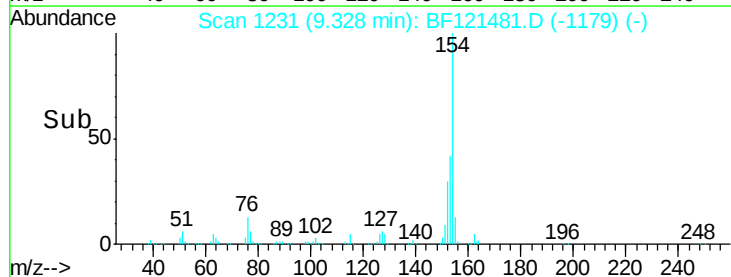
Tgt Ion:154 Resp: 2177050
Ion Ratio Lower Upper
154 100
153 42.3 21.2 61.2
76 13.0 0.0 35.2

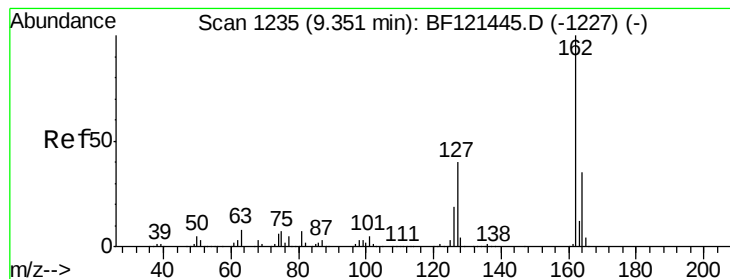


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



Time-->





#47

2-Chloronaphthalene

Concen: 38.457 ng

RT: 9.35 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

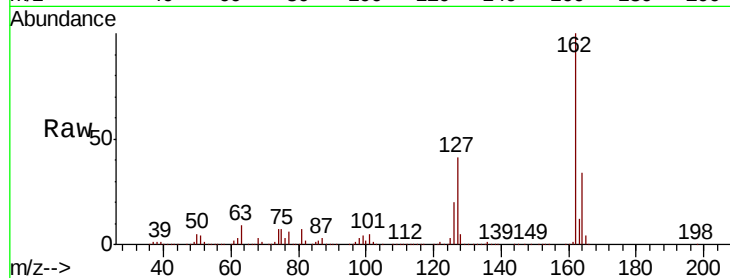
Tot Ion:162 Resp: 1647025

Ion Ratio Lower Upper

162 100

127 41.3 32.6 48.8

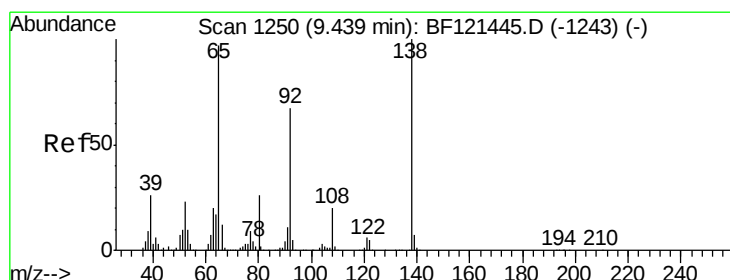
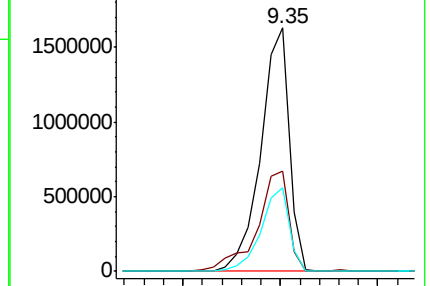
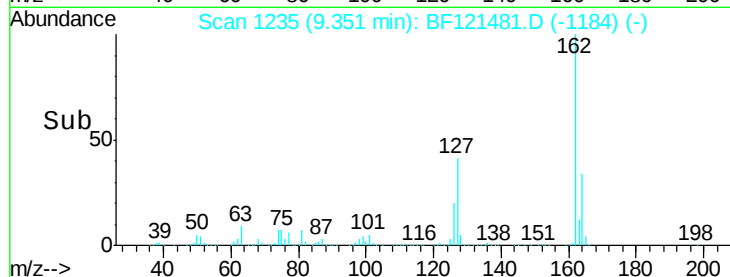
164 34.4 27.8 41.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.888 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

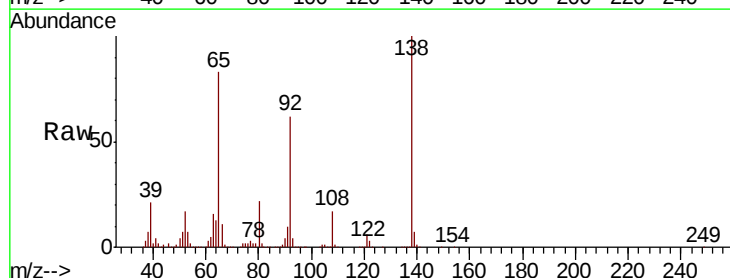
Tgt Ion: 65 Resp: 547519

Ion Ratio Lower Upper

65 100

92 74.5 55.6 83.4

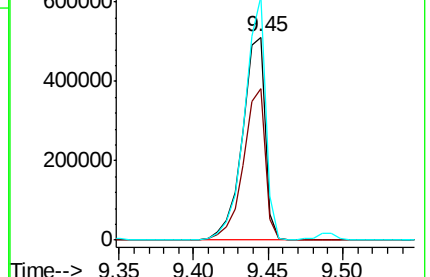
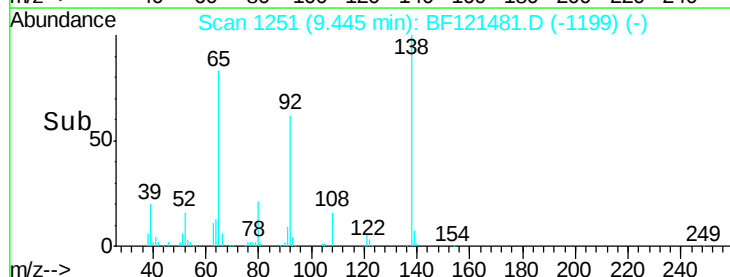
138 120.0 82.9 124.3

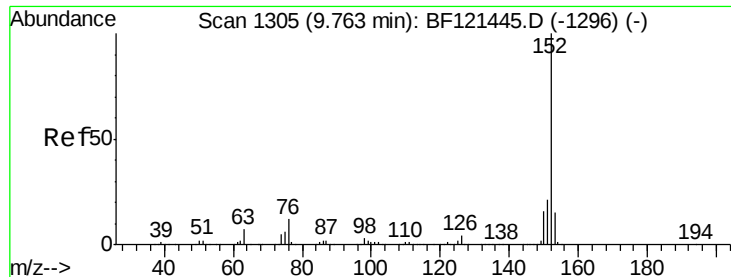


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.820 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

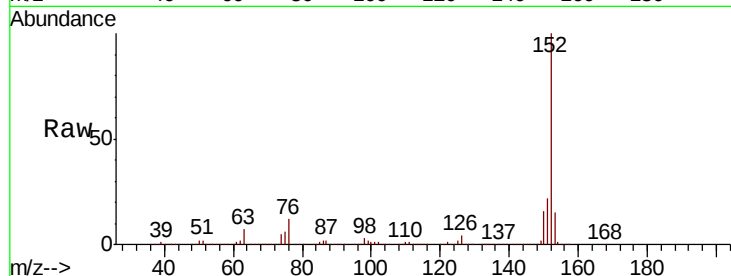
Tot Ion:152 Resp: 2686535

Ion Ratio Lower Upper

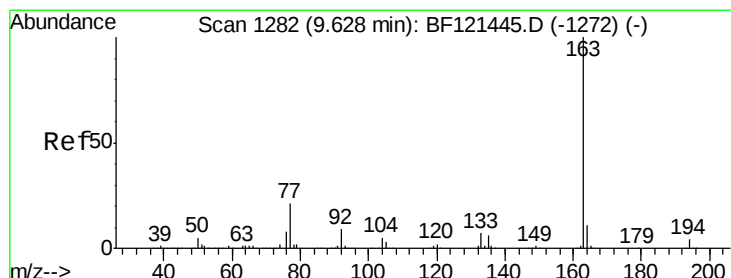
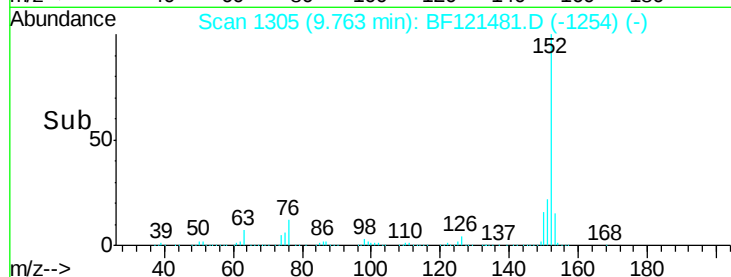
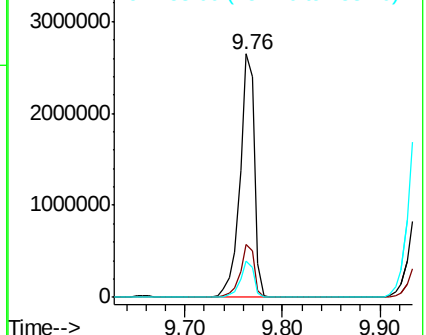
152 100

151 21.6 17.2 25.8

153 14.7 11.6 17.4



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: 45.211 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

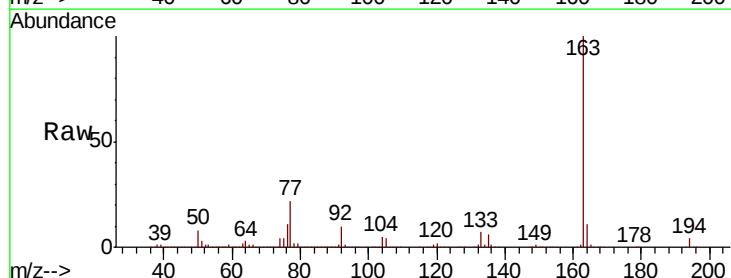
Tgt Ion:163 Resp: 2144393

Ion Ratio Lower Upper

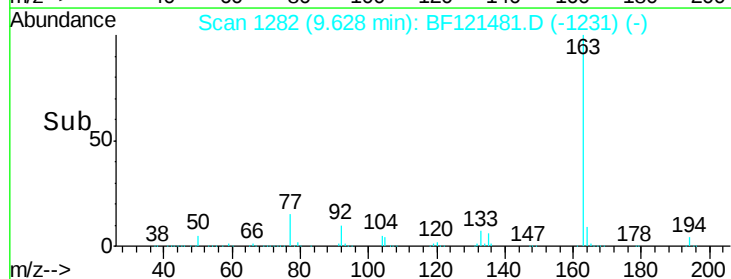
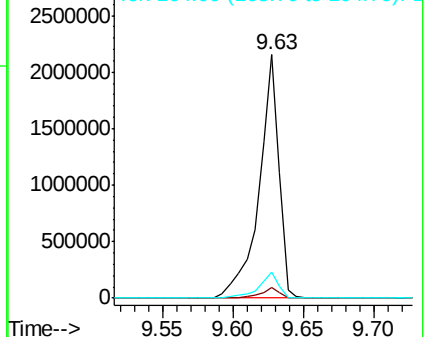
163 100

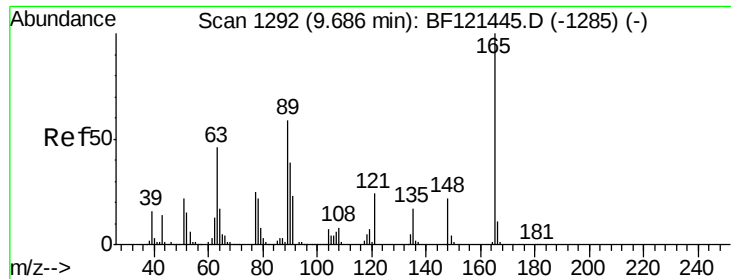
194 4.3 3.3 4.9

164 10.6 8.6 12.8



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

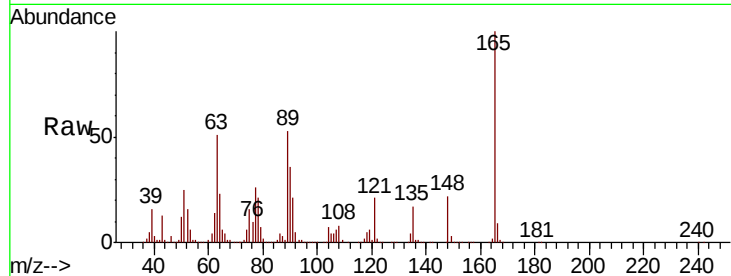




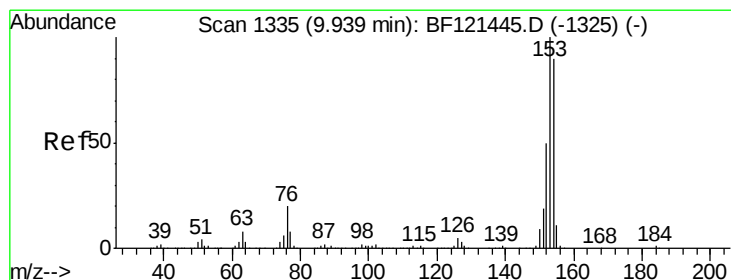
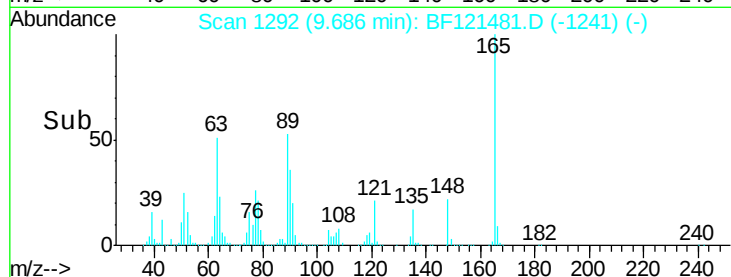
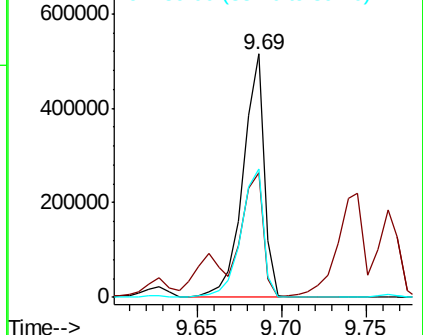
#51
 2,6-Dinitrotoluene
 Concen: 50.505 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion:165 Resp: 452396
 Ion Ratio Lower Upper
 165 100
 63 51.2 43.6 65.4
 89 52.9 47.4 71.2

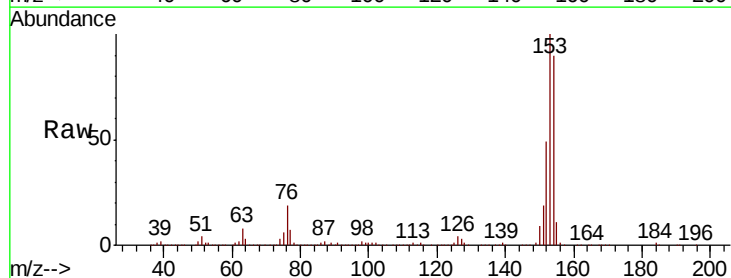


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

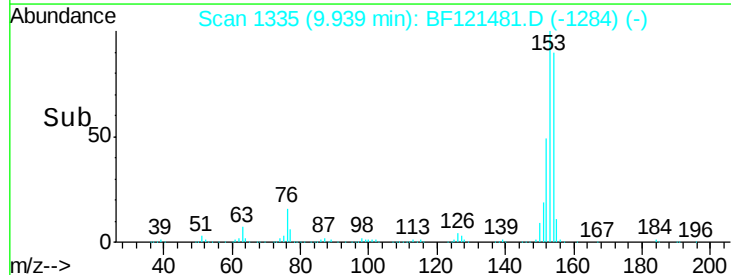
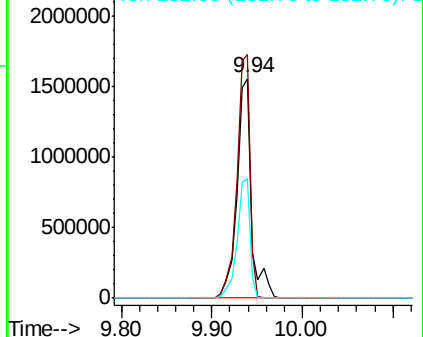


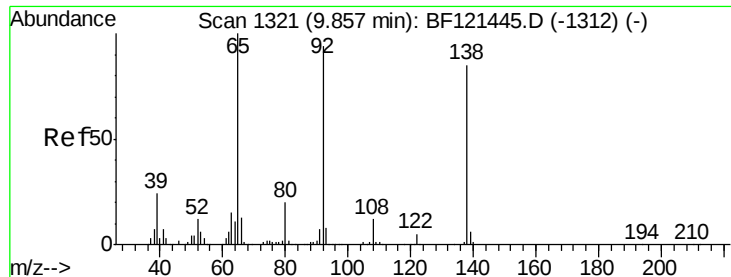
#52
 Acenaphthene
 Concen: 43.454 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion:154 Resp: 1762638
 Ion Ratio Lower Upper
 154 100
 153 111.0 88.9 133.3
 152 54.6 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

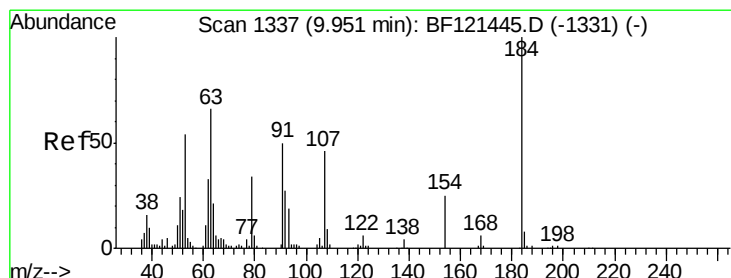
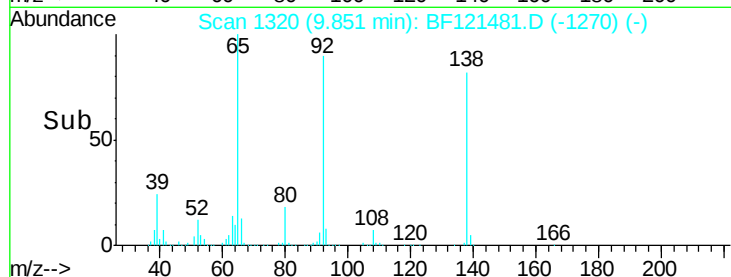
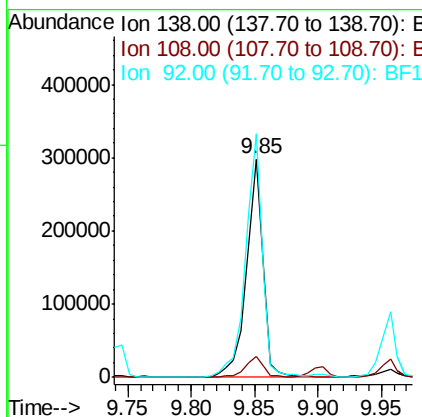
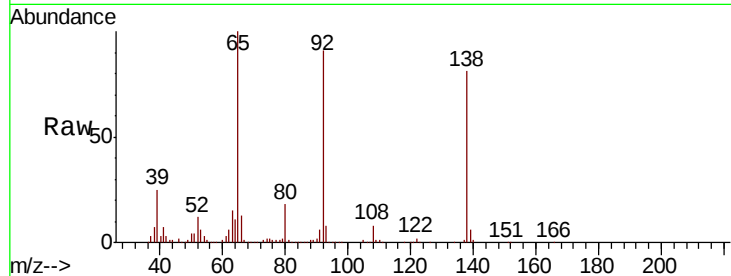




#53
3-Nitroaniline
Concen: 26.547 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

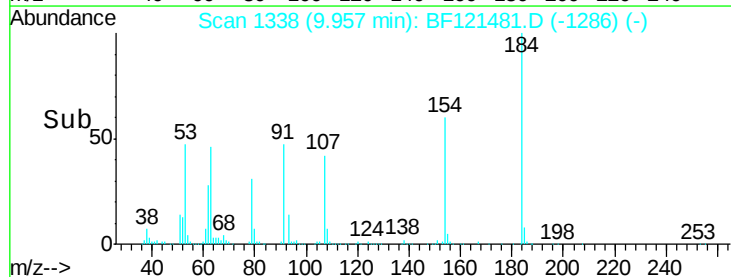
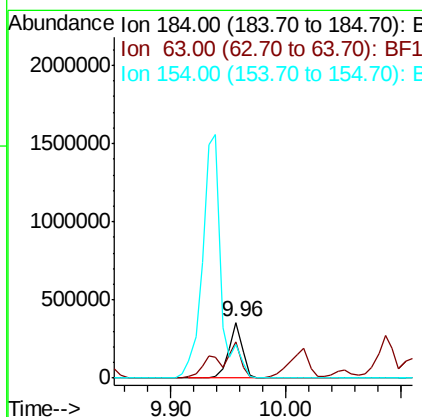
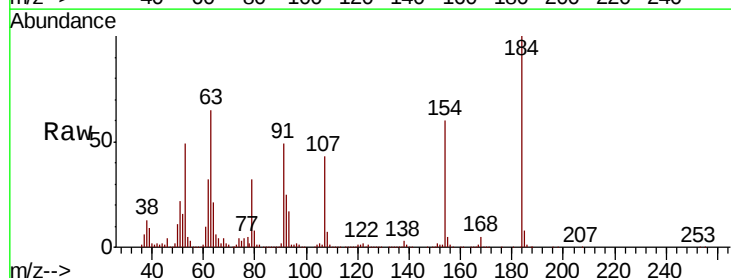
Instrument :
BNA_F
ClientSampleId :
12018MS

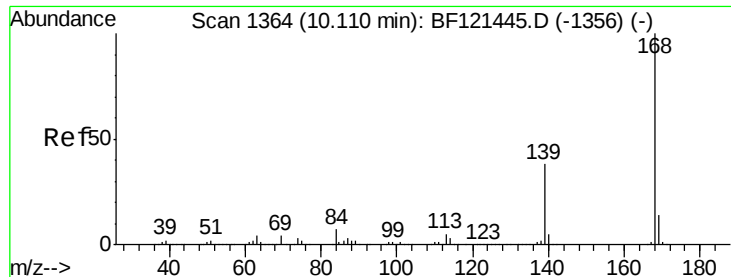
Tot Ion:138 Resp: 269537
Ion Ratio Lower Upper
138 100
108 9.6 11.6 17.4#
92 111.4 88.6 132.8



#54
2,4-Dinitrophenol
Concen: 75.513 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion:184 Resp: 295818
Ion Ratio Lower Upper
184 100
63 65.0 56.8 85.2
154 60.3 55.9 83.9





#55

Dibenzofuran

Concen: 40.815 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

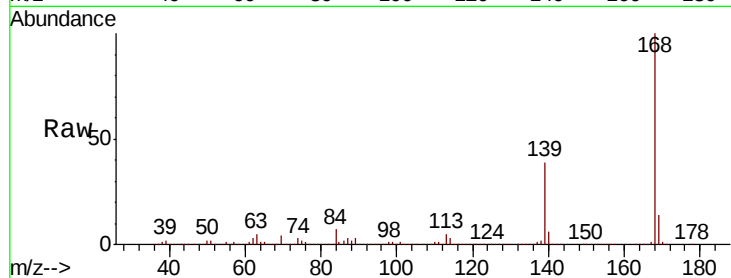
Tot Ion:168 Resp: 2404936

Ion Ratio Lower Upper

168 100

139 38.5 30.1 45.1

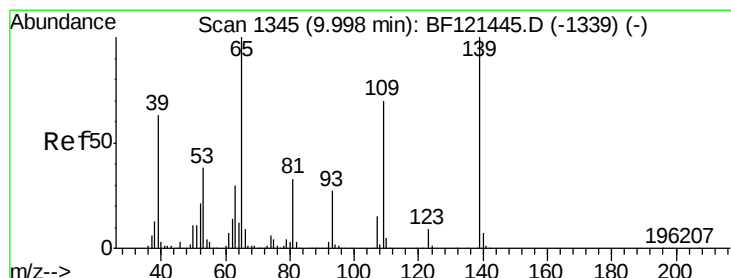
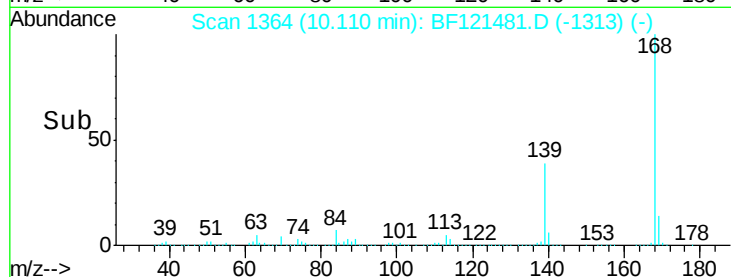
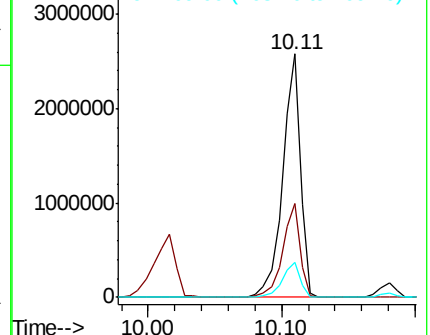
169 14.2 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.703 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.02 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

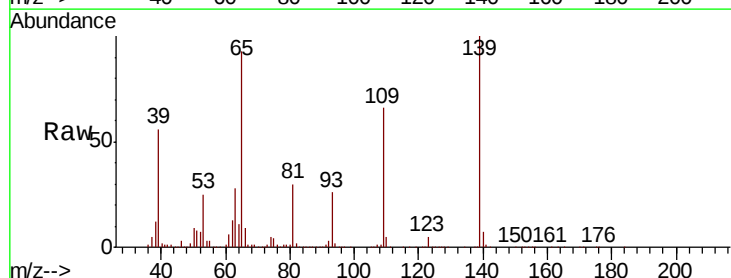
Tgt Ion:139 Resp: 770232

Ion Ratio Lower Upper

139 100

109 66.2 50.5 90.5

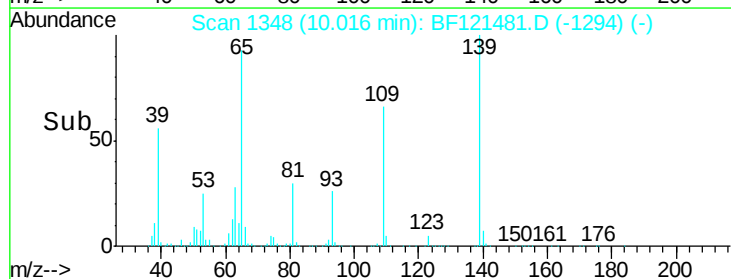
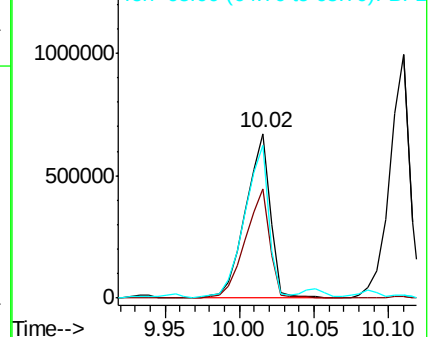
65 92.8 80.2 120.2

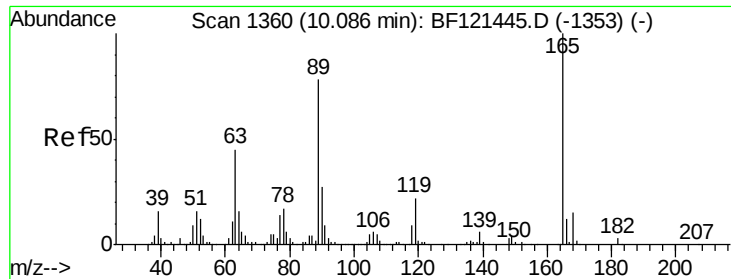


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

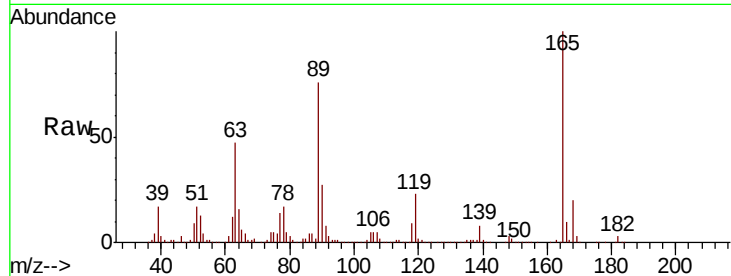




#57
 2,4-Dinitrotoluene
 Concen: 53.096 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	47.5	36.0	54.0	
89	76.2	62.6	93.8	
182	2.6	2.2	3.2	

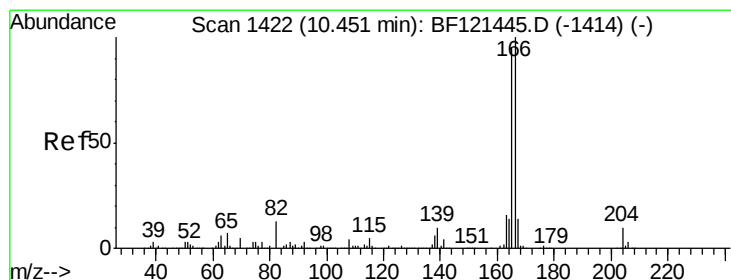
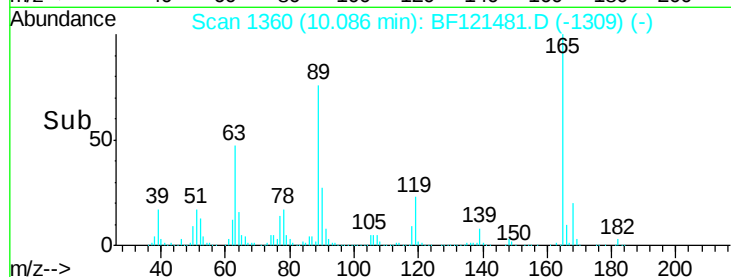
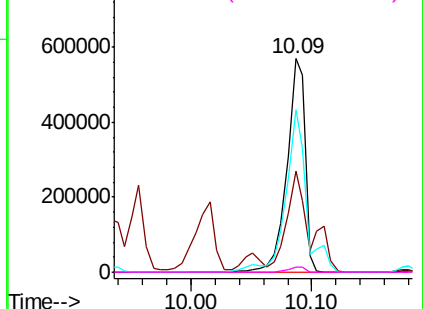


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

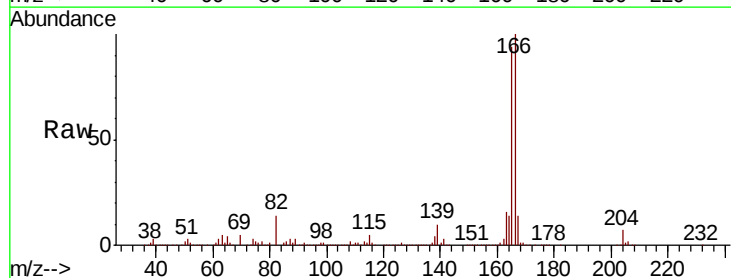
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 40.529 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

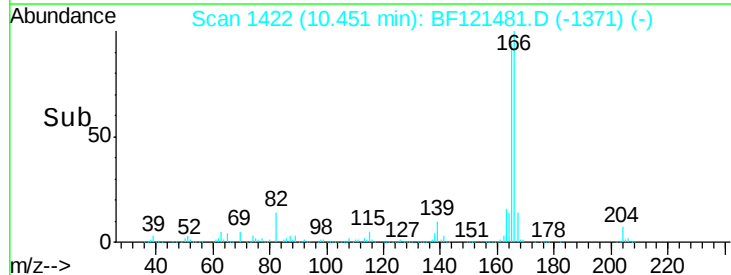
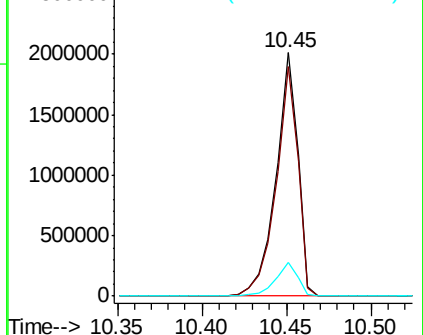
Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	94.2	75.7	113.5	
167	13.9	11.1	16.7	



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

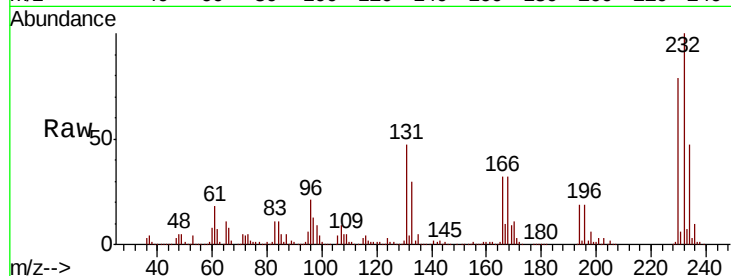




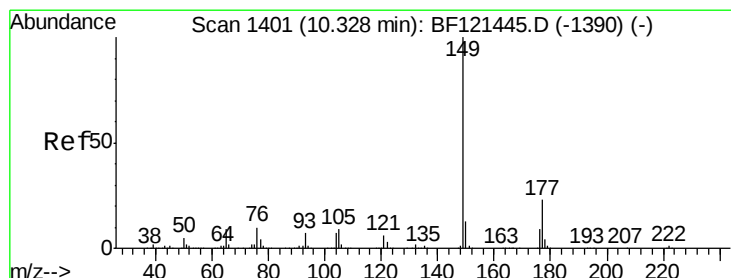
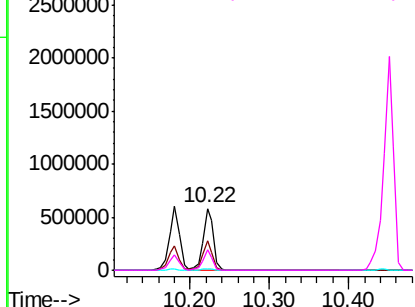
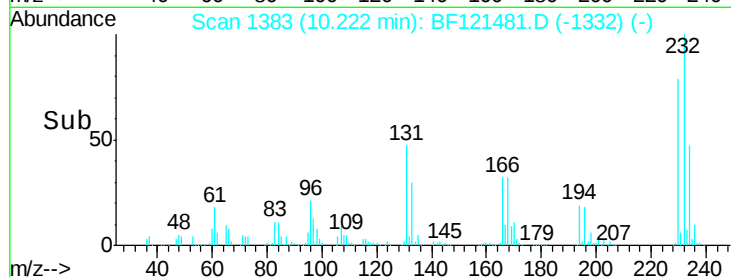
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.037 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion:232 Resp: 532942
 Ion Ratio Lower Upper
 232 100
 131 43.4 35.7 53.5
 130 2.2 1.8 2.6
 166 29.9 24.1 36.1

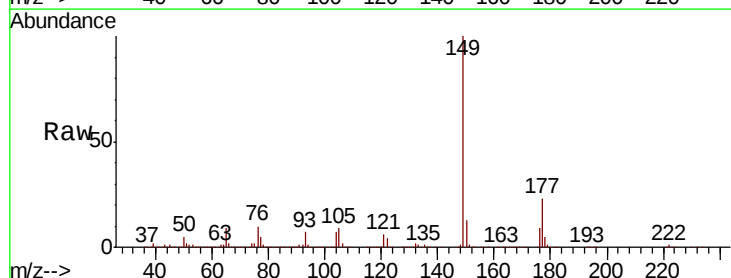


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

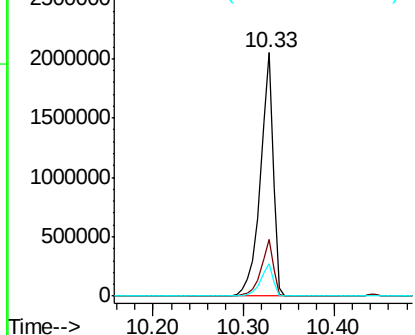
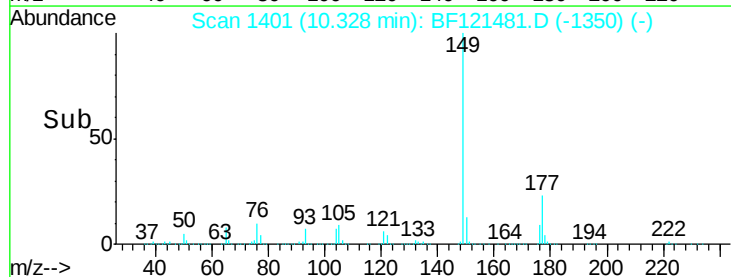


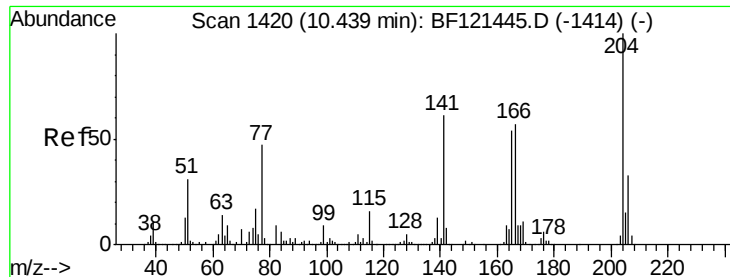
#60
 Diethylphthalate
 Concen: 42.030 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion:149 Resp: 2002841
 Ion Ratio Lower Upper
 149 100
 177 23.4 18.3 27.5
 150 13.3 10.4 15.6



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

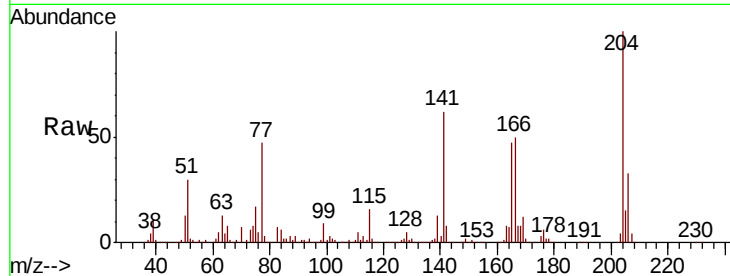




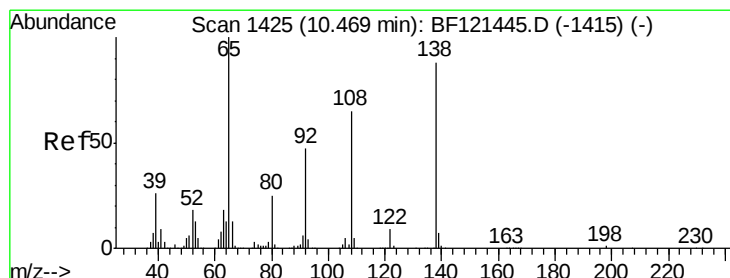
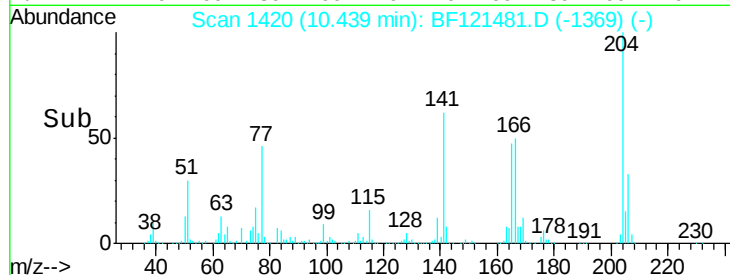
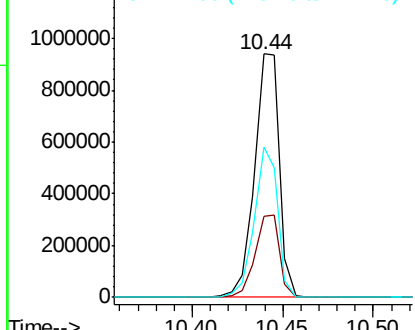
#61
4-Chlorophenyl-phenylether
Concen: 40.169 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion:204 Resp: 893987
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 61.7 48.7 73.1

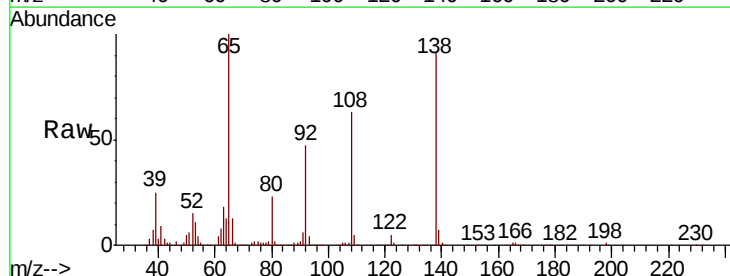


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

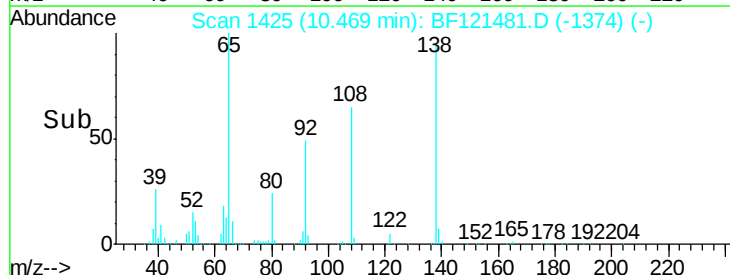
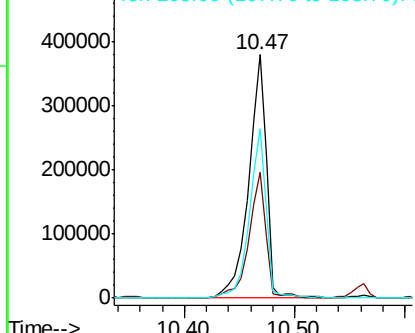


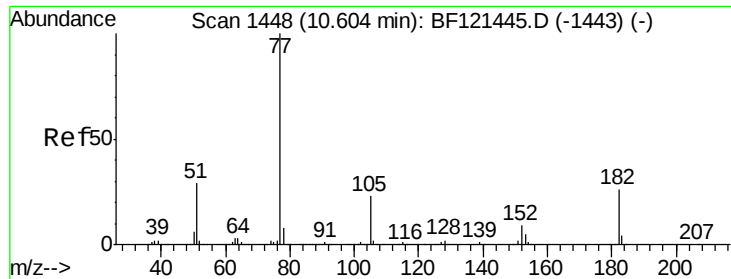
#62
4-Nitroaniline
Concen: 38.028 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion:138 Resp: 428688
Ion Ratio Lower Upper
138 100
92 51.5 33.2 73.2
108 69.7 53.6 93.6



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

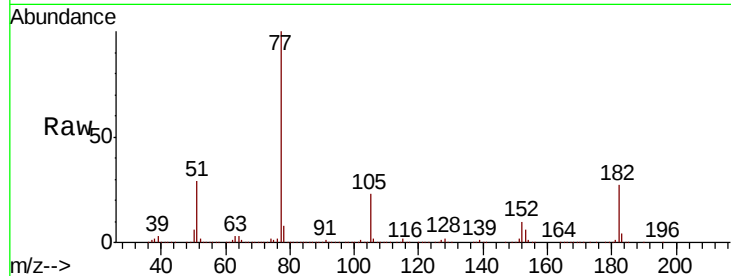




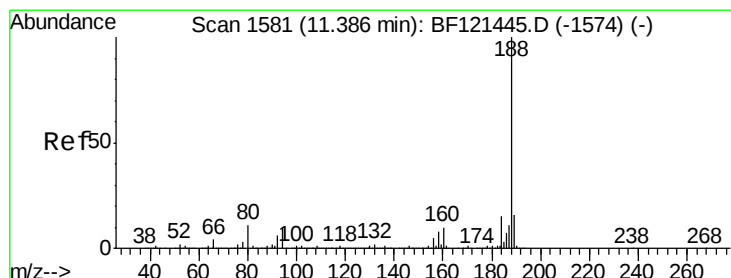
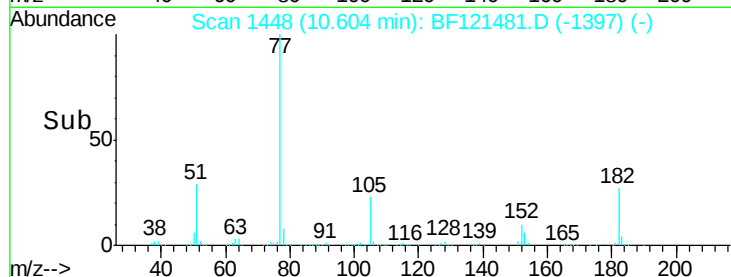
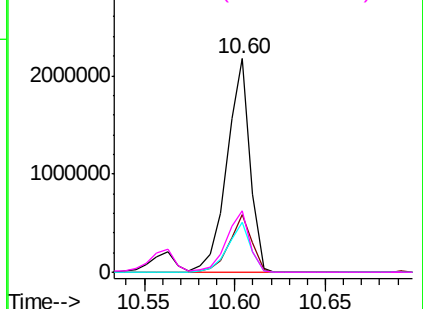
#63
Azobenzene
Concen: 40.663 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion: 77 Resp: 1916212
Ion Ratio Lower Upper
77 100
182 27.1 6.2 46.2
105 23.3 3.3 43.3
51 28.9 9.5 49.5

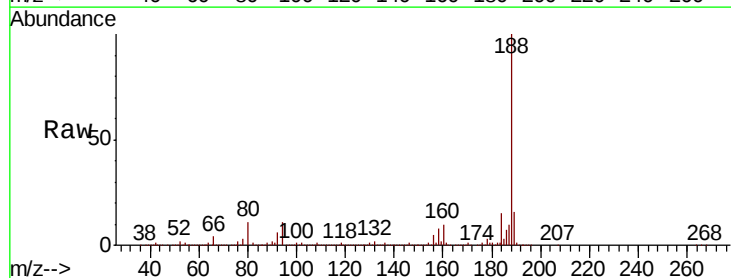


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

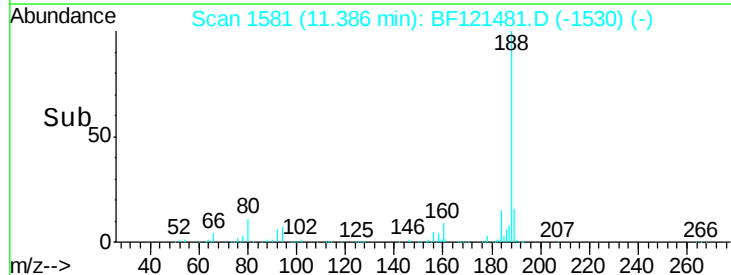
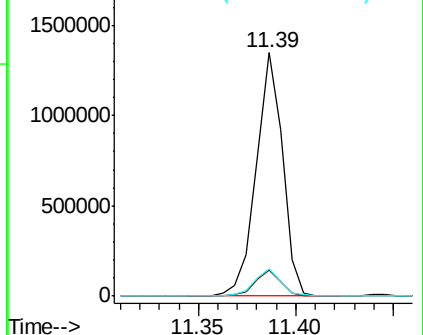


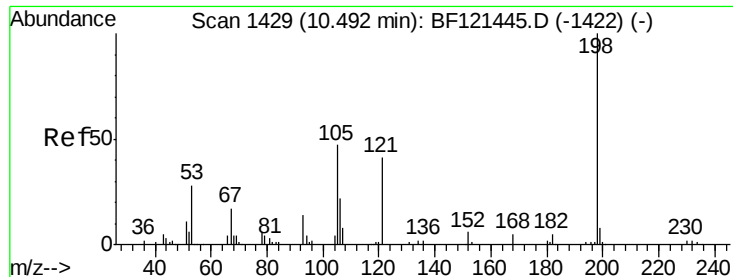
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion: 188 Resp: 1269721
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.4 8.6 13.0



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

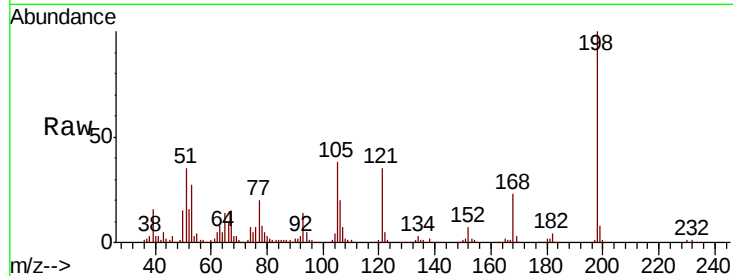




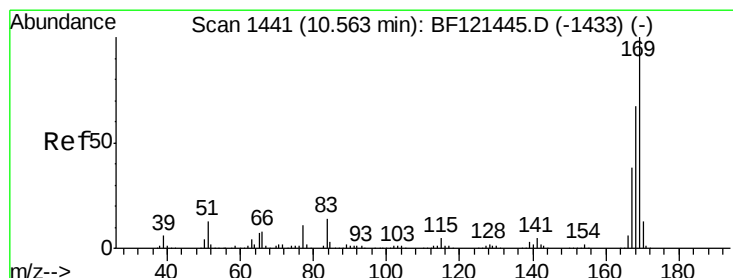
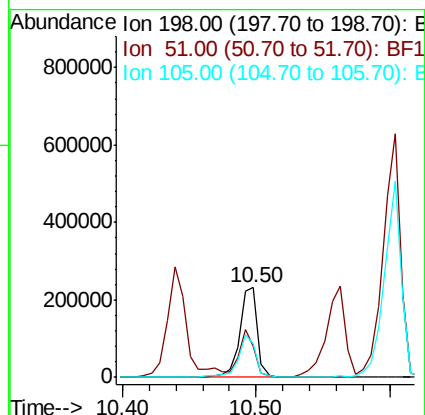
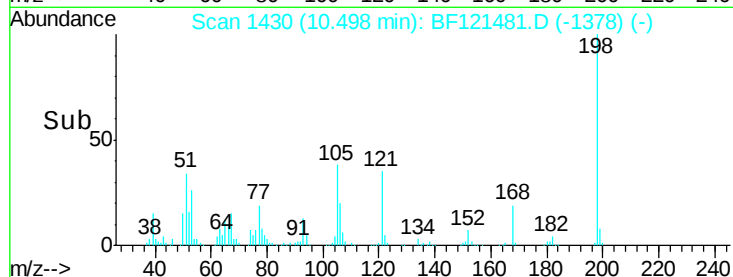
#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.271 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion:198 Resp: 215826
 Ion Ratio Lower Upper
 198 100
 51 34.5 29.0 69.0
 105 37.6 29.1 69.1

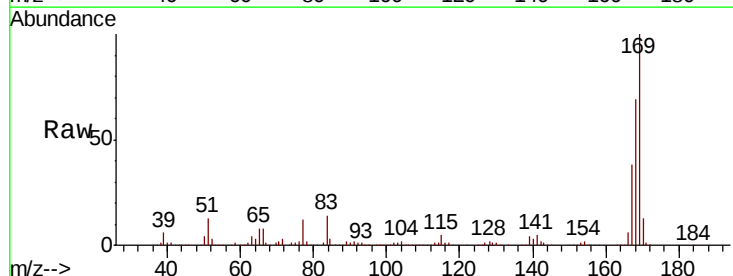


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

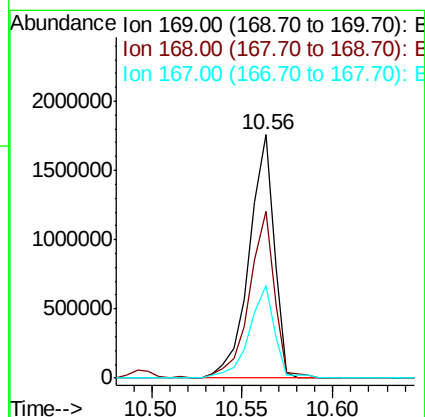
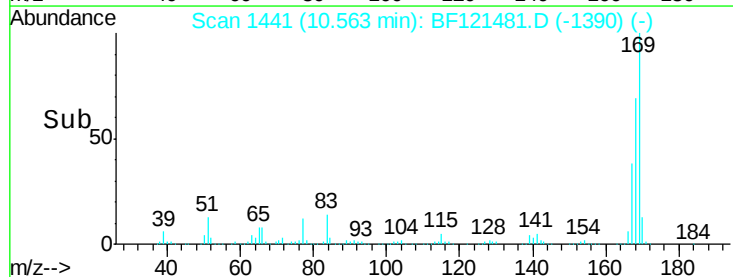


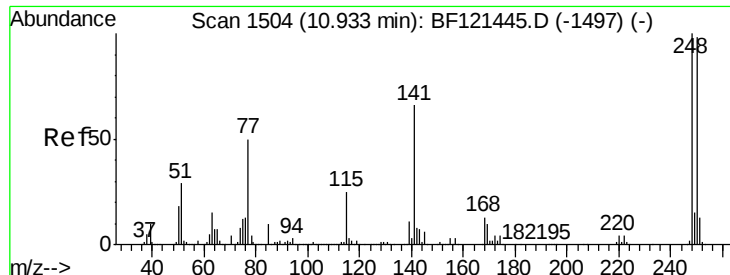
#66
 n-Nitrosodiphenylamine
 Concen: 41.896 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion:169 Resp: 1682462
 Ion Ratio Lower Upper
 169 100
 168 68.7 54.0 81.0
 167 38.0 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

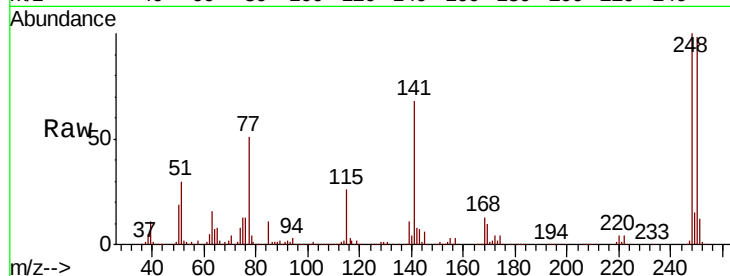




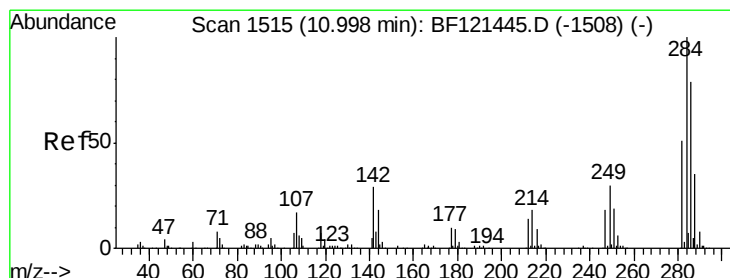
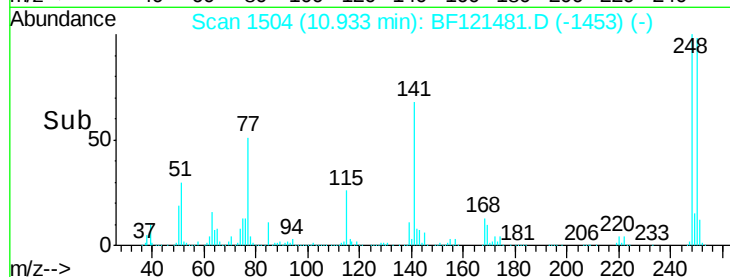
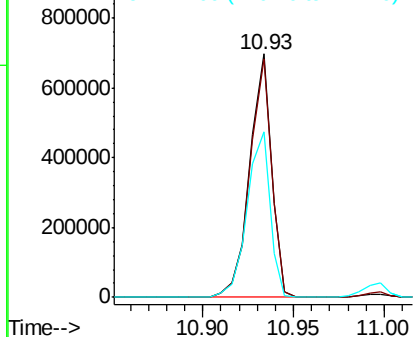
#67
4-Bromophenyl-phenylether
Concen: 41.979 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampled :
12018MS

Tot Ion:248 Resp: 586366
Ion Ratio Lower Upper
248 100
250 97.8 78.7 118.1
141 67.9 52.6 78.8

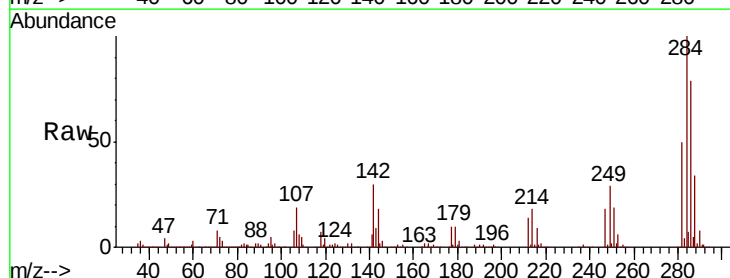


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

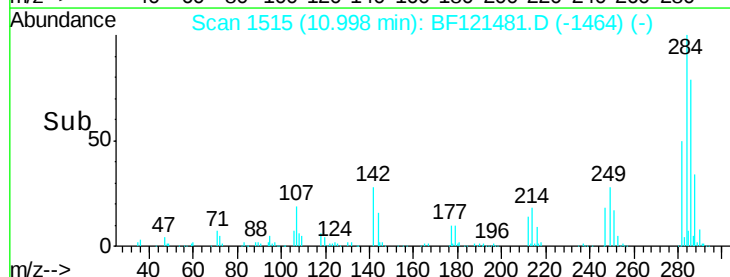
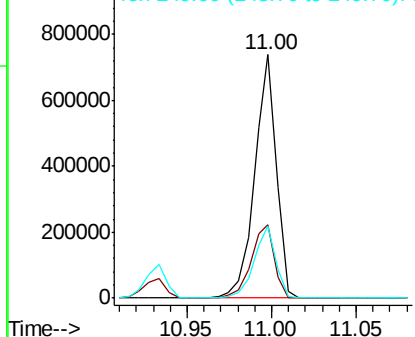


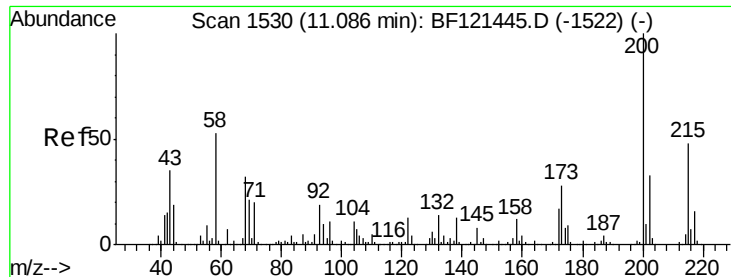
#68
Hexachlorobenzene
Concen: 40.430 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion:284 Resp: 660377
Ion Ratio Lower Upper
284 100
142 30.3 23.4 35.0
249 29.4 23.8 35.6



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





#69

Atrazine

Concen: 41.362 ng

RT: 11.09 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

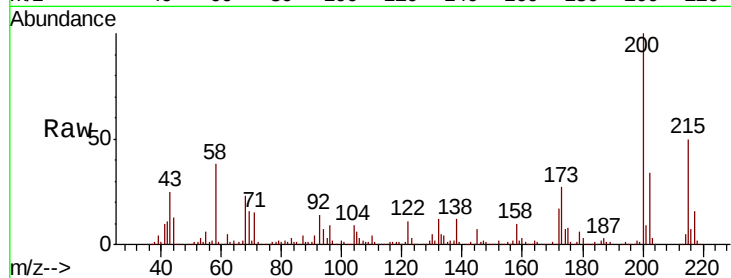
Tot Ion:200 Resp: 481725

Ion Ratio Lower Upper

200 100

173 26.6 8.1 48.1

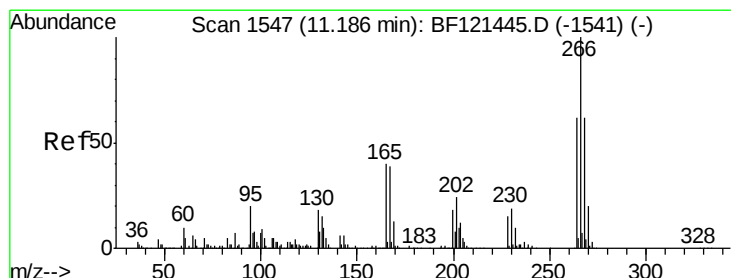
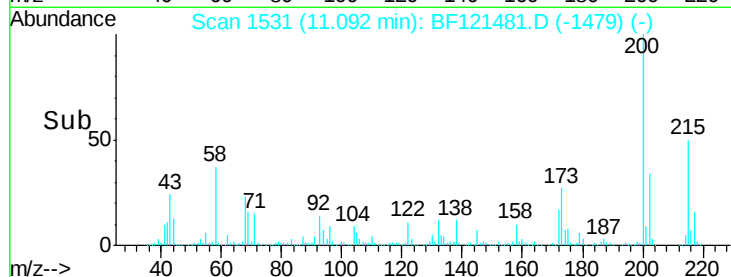
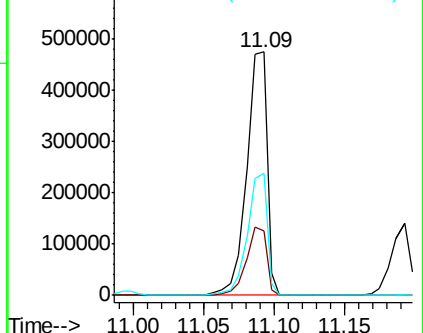
215 50.4 28.5 68.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 101.071 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

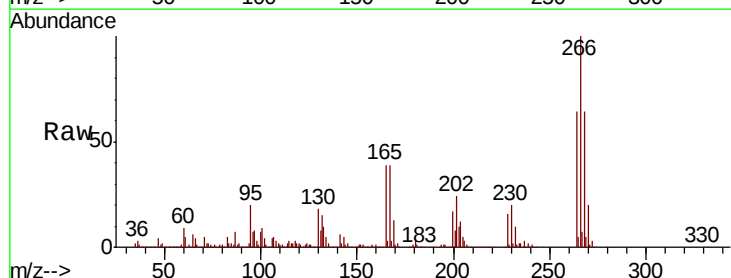
Tgt Ion:266 Resp: 754214

Ion Ratio Lower Upper

266 100

268 64.1 49.7 74.5

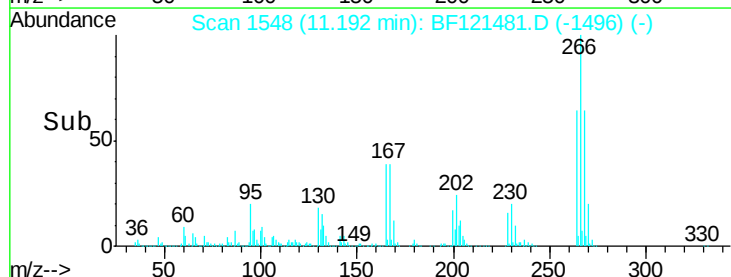
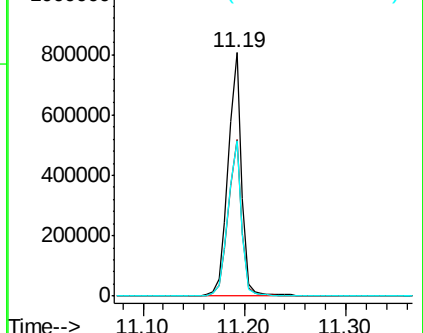
264 63.7 49.4 74.0

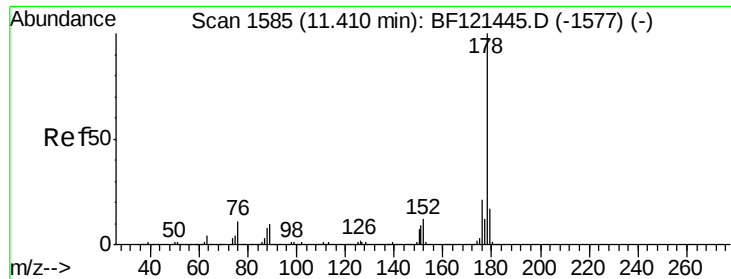


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

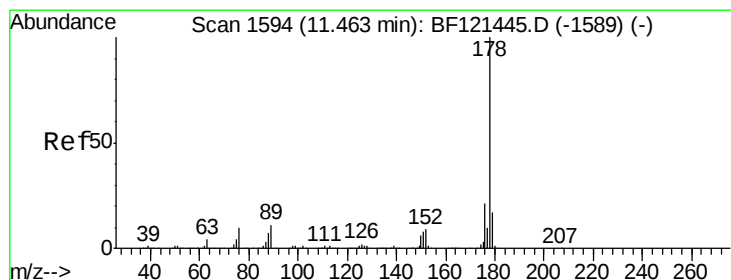
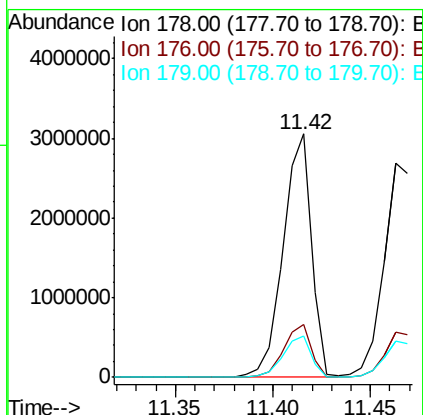
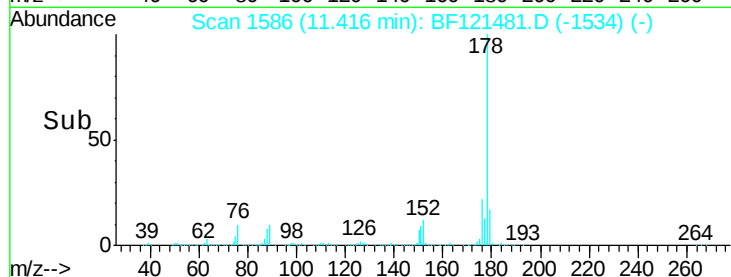
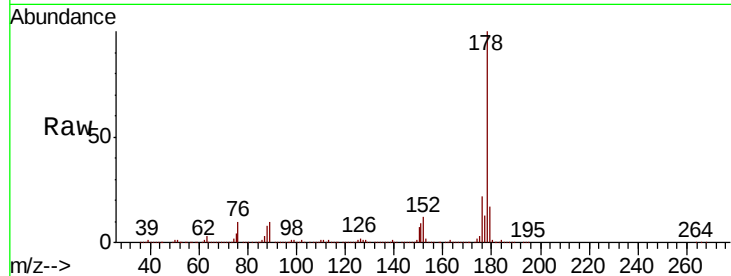




#71
Phenanthrene
Concen: 47.325 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

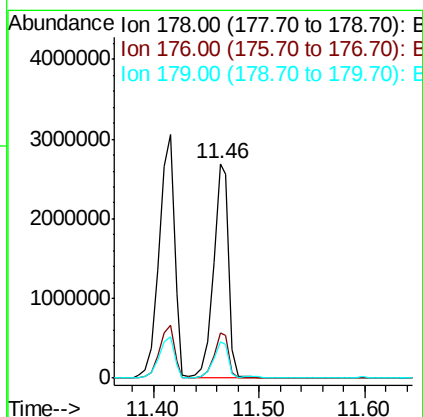
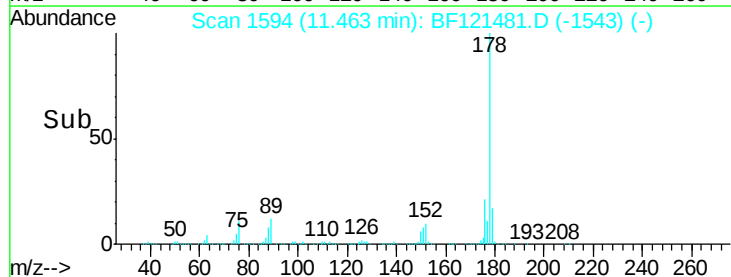
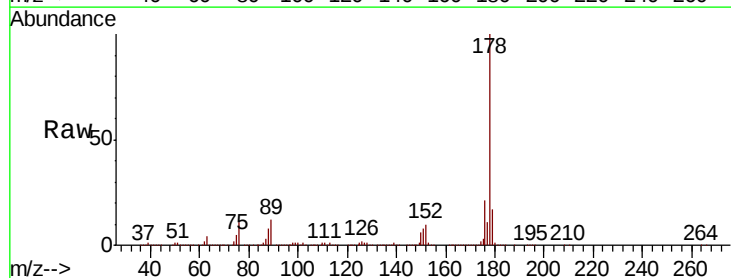
Instrument :
BNA_F
ClientSampleId :
12018MS

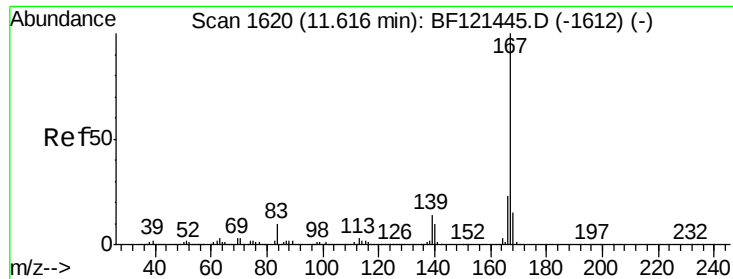
Tot Ion:178 Resp: 3083658
Ion Ratio Lower Upper
178 100
176 21.9 16.9 25.3
179 17.0 13.4 20.0



#72
Anthracene
Concen: 42.781 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion:178 Resp: 2741700
Ion Ratio Lower Upper
178 100
176 20.8 16.7 25.1
179 16.9 13.4 20.2

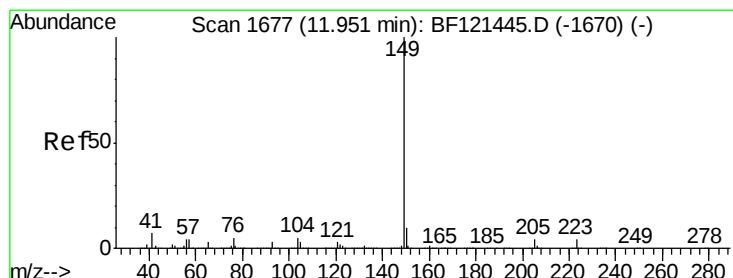
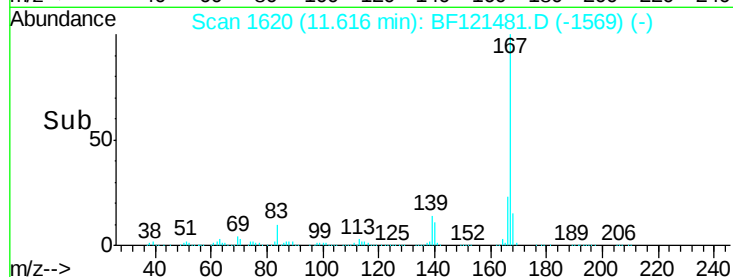
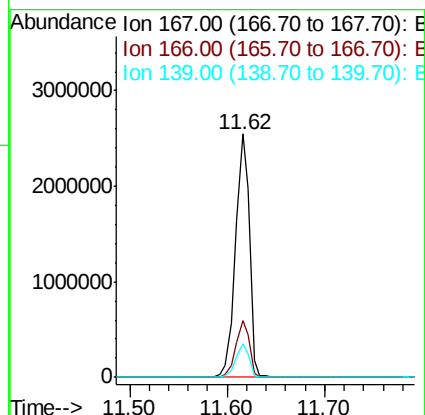
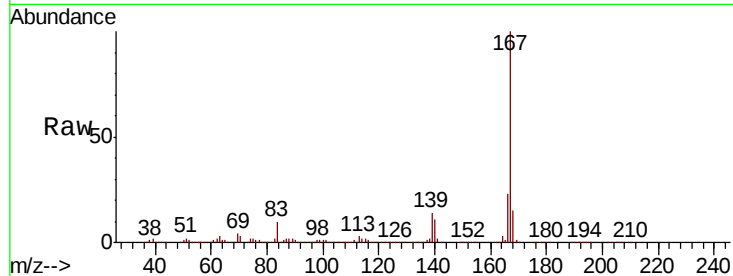




#73
 Carbazole
 Concen: 40.890 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

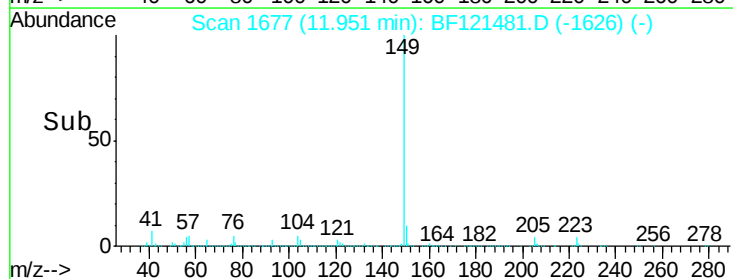
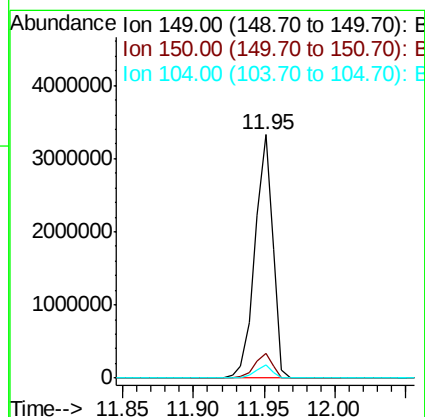
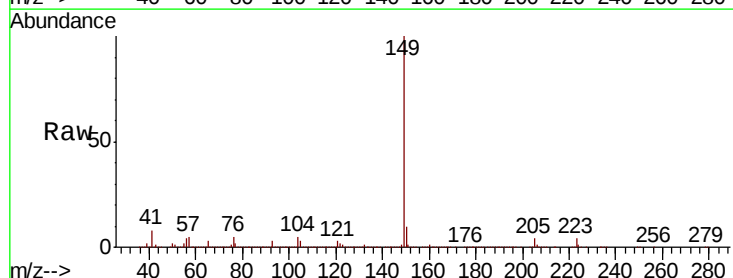
Instrument :
 BNA_F
 ClientSampleId :
 12018MS

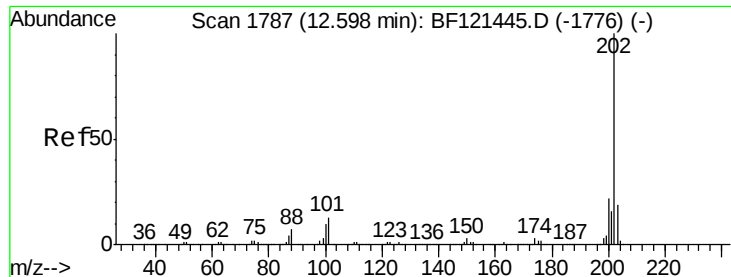
Tot Ion:167 Resp: 2526978
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.4 27.6
 139 14.0 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 43.180 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion:149 Resp: 2964457
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.2 12.2
 104 5.2 4.2 6.4





#75

Fluoranthene

Concen: 55.913 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

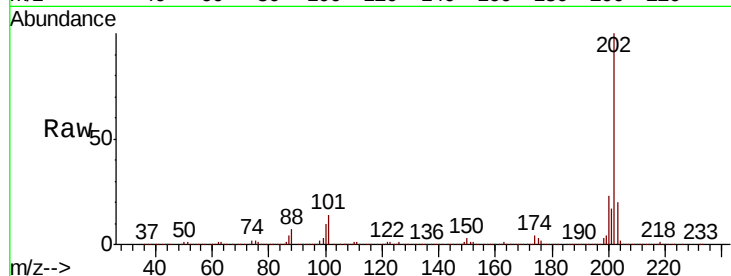
Tot Ion:202 Resp: 3926533

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.3

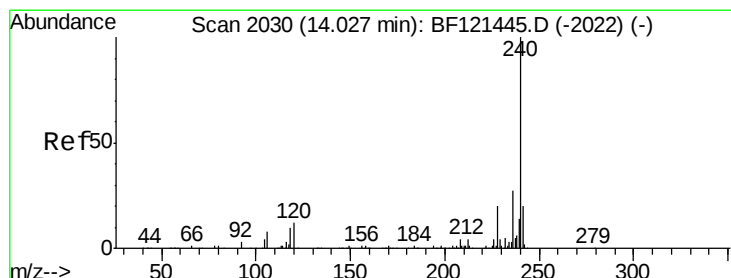
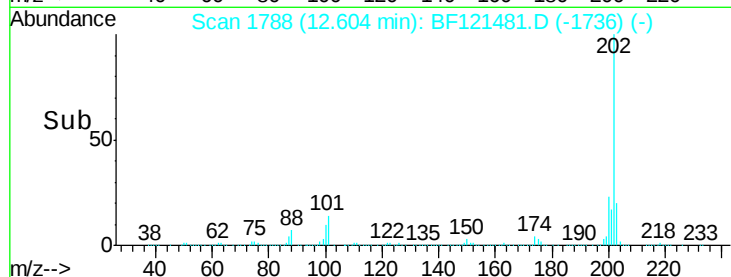
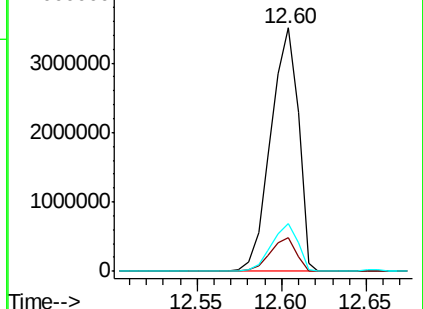
203 19.9 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

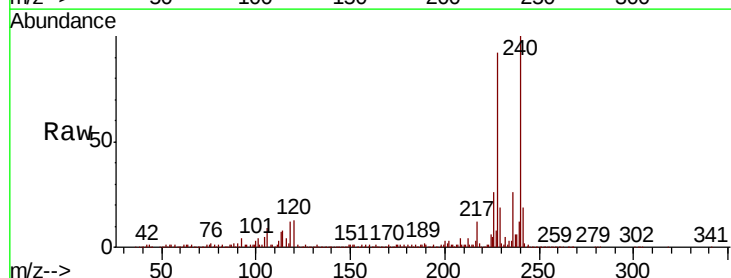
Tgt Ion:240 Resp: 766124

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

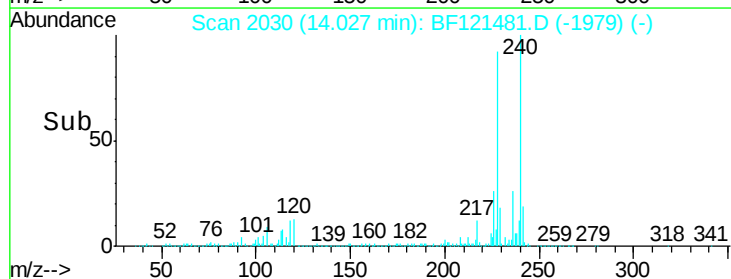
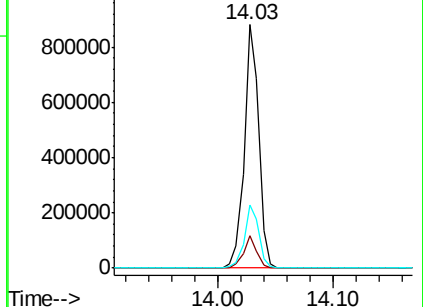
236 26.1 21.8 32.6

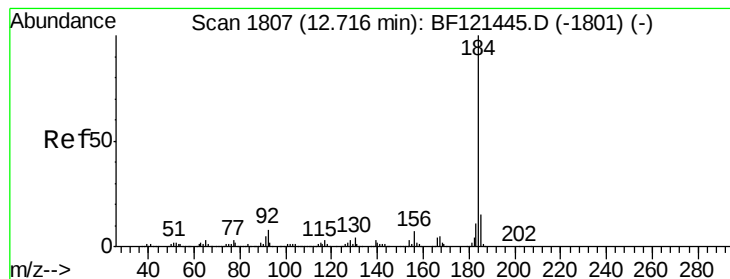


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.702 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampled :

12018MS

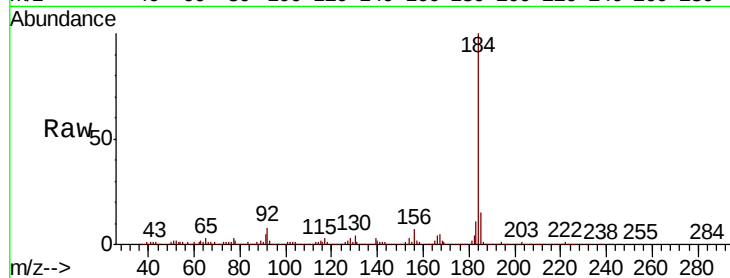
Tot Ion:184 Resp: 913990

Ion Ratio Lower Upper

184 100

185 14.9 12.1 18.1

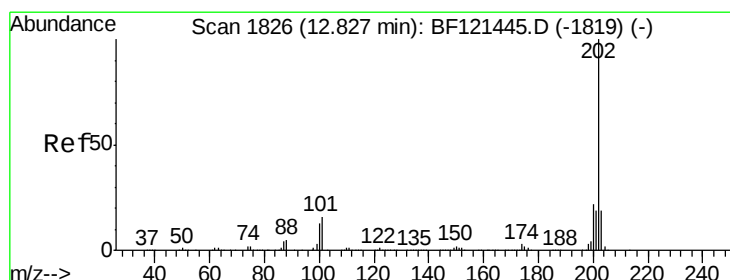
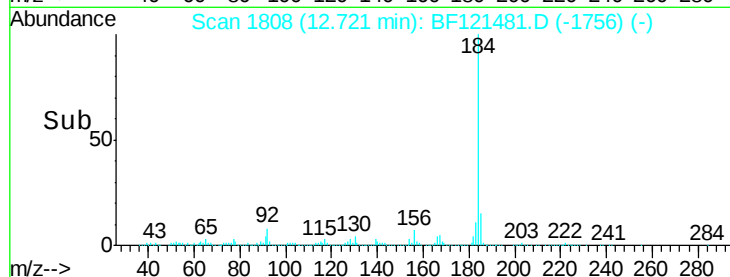
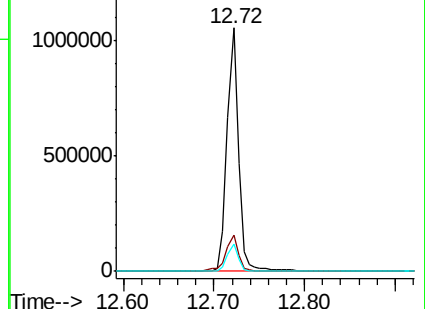
183 11.2 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 67.461 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

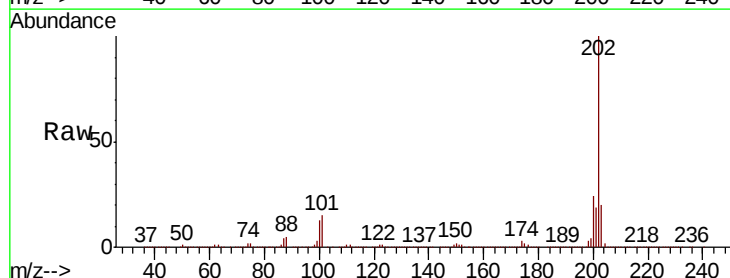
Tgt Ion:202 Resp: 3691116

Ion Ratio Lower Upper

202 100

200 23.6 18.0 27.0

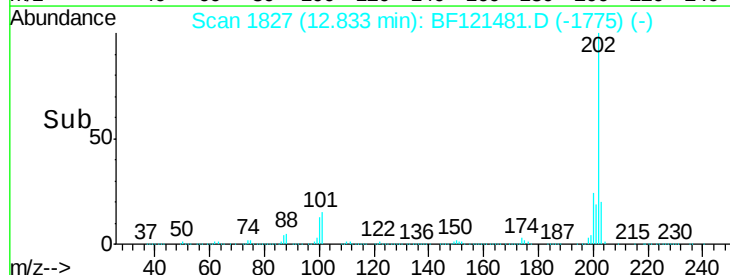
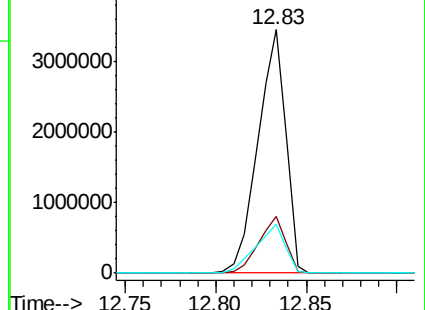
203 20.0 15.3 22.9

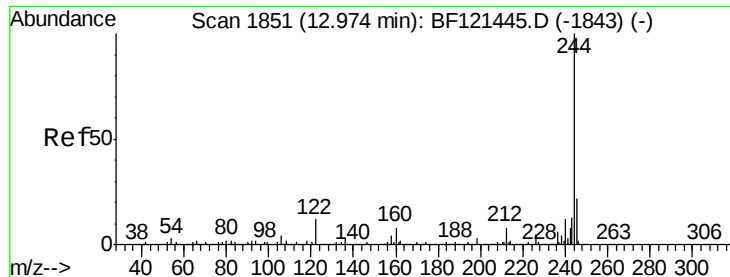


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.695 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

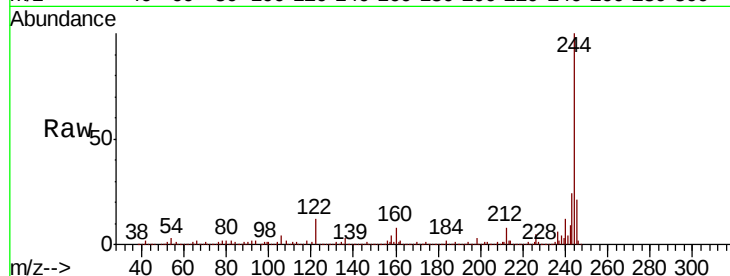
Tot Ion:244 Resp: 3300958

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

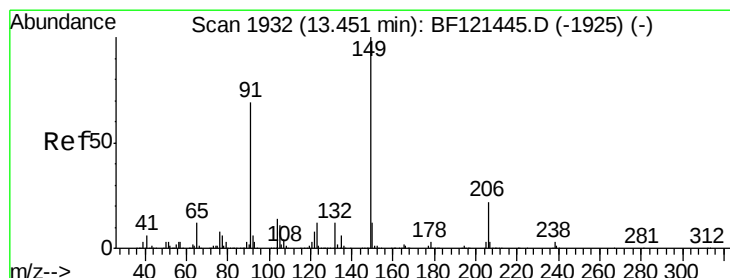
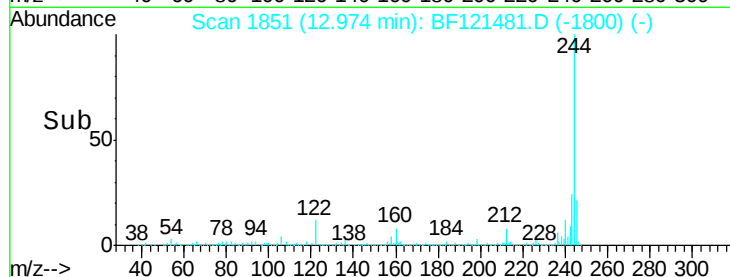
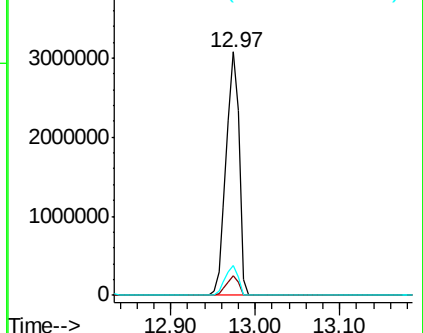
122 12.3 9.5 14.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 56.462 ng

RT: 13.45 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

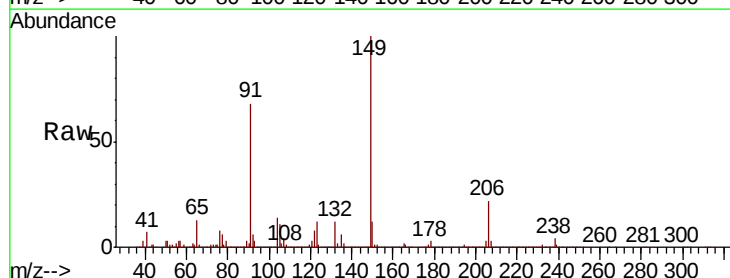
Tgt Ion:149 Resp: 1190172

Ion Ratio Lower Upper

149 100

91 68.4 55.0 82.4

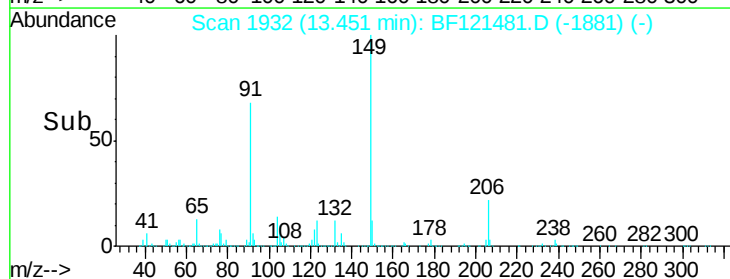
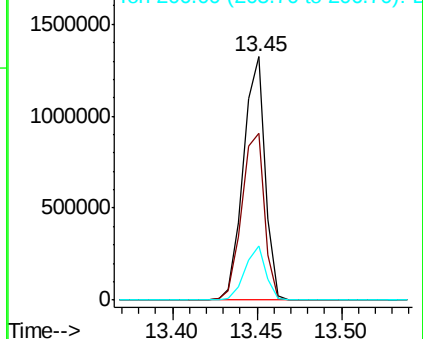
206 22.1 17.8 26.6

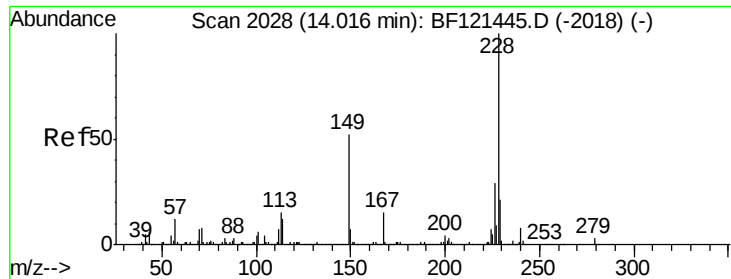


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.559 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

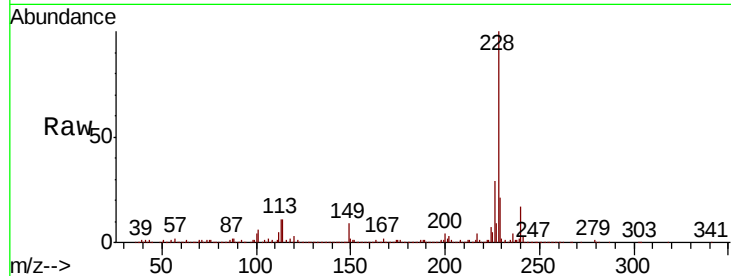
Tot Ion:228 Resp: 2364566

Ion Ratio Lower Upper

228 100

226 29.4 23.0 34.4

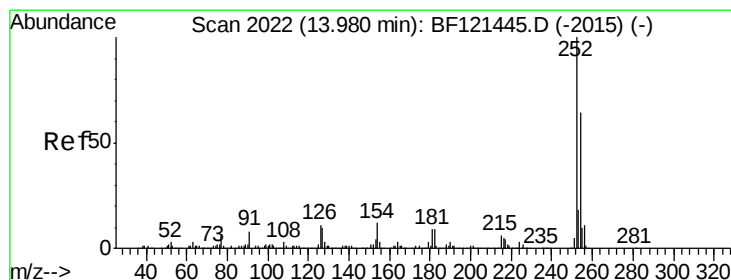
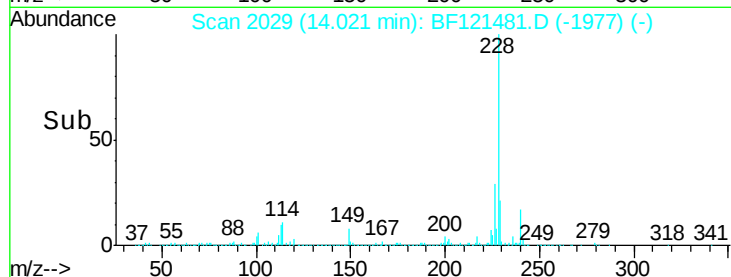
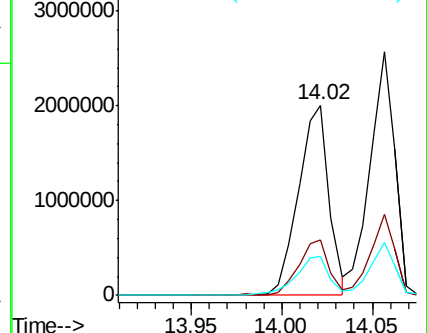
229 20.7 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.456 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

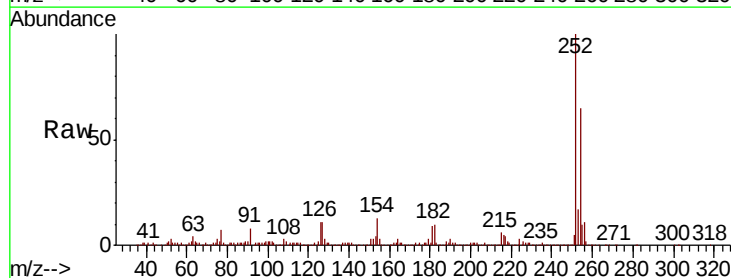
Tgt Ion:252 Resp: 607365

Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.2

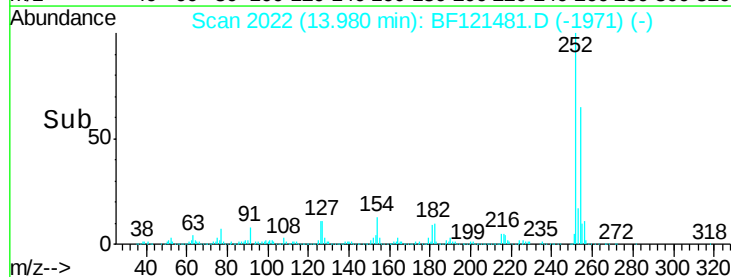
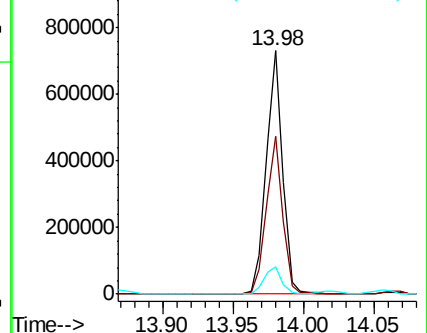
126 11.2 8.5 12.7

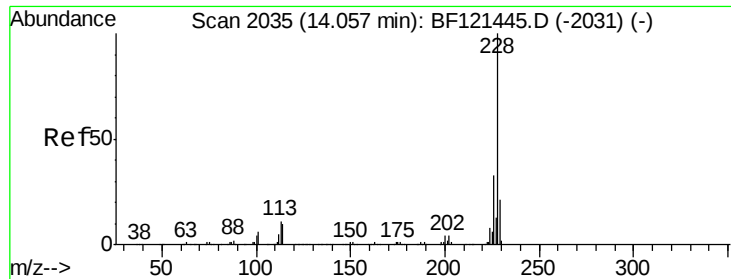


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

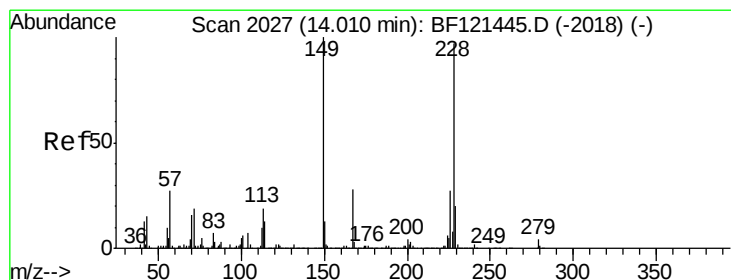
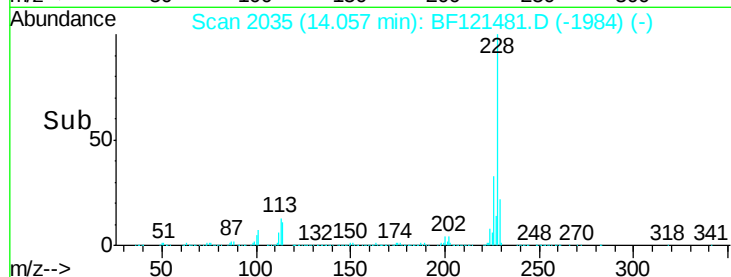
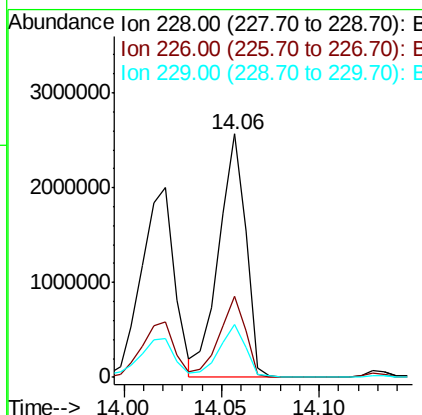
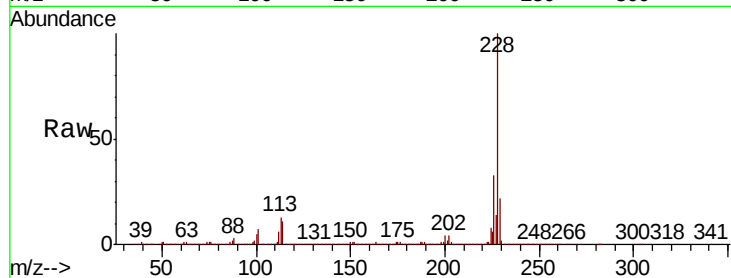




#83
 Chrvsene
 Concen: 52.526 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

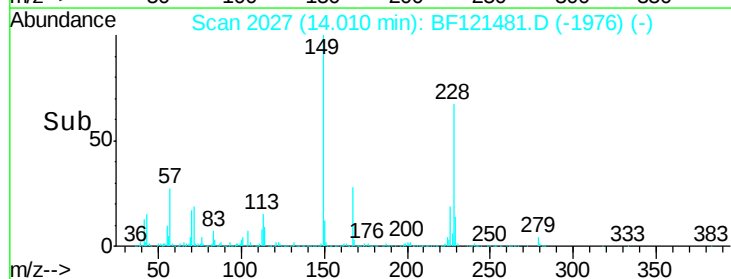
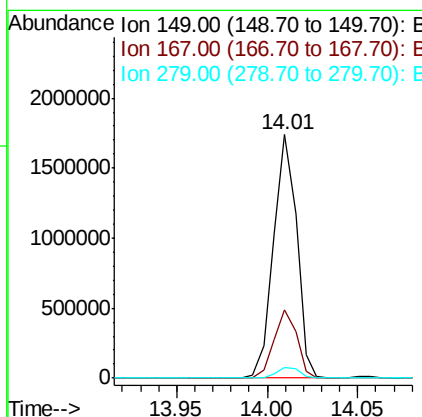
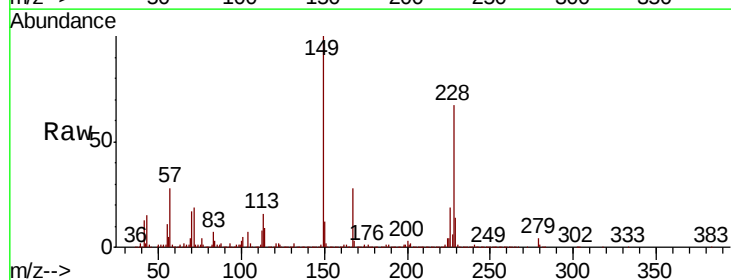
Instrument :
 BNA_F
 ClientSampleId :
 12018MS

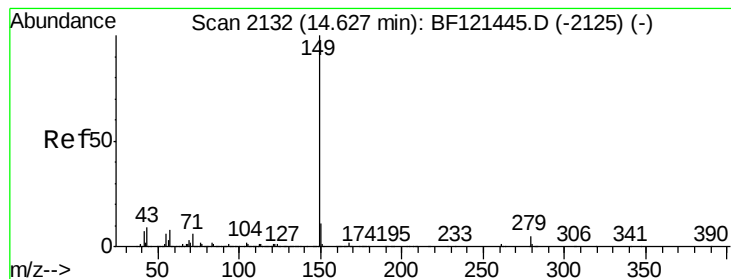
Tot Ion:228 Resp: 2457649
 Ion Ratio Lower Upper
 228 100
 226 33.2 26.2 39.2
 229 21.9 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.747 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion:149 Resp: 1544924
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.6 34.0
 279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 54.633 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

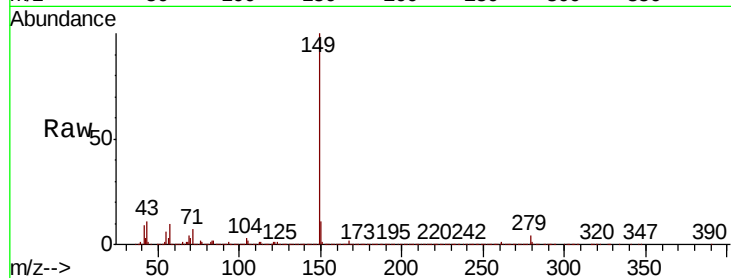
Tot Ion:149 Resp: 2520648

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

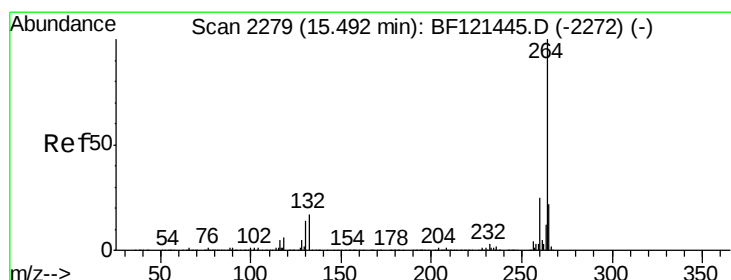
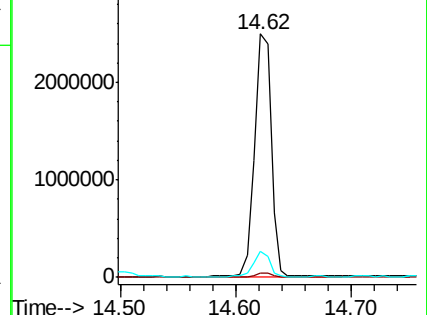
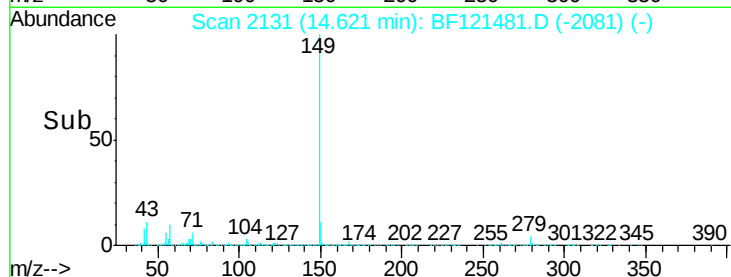
43 9.7 8.3 12.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

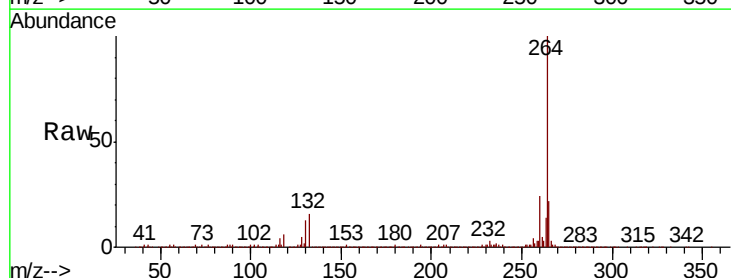
Tgt Ion:264 Resp: 770126

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

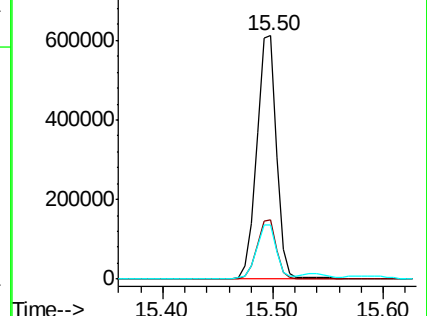
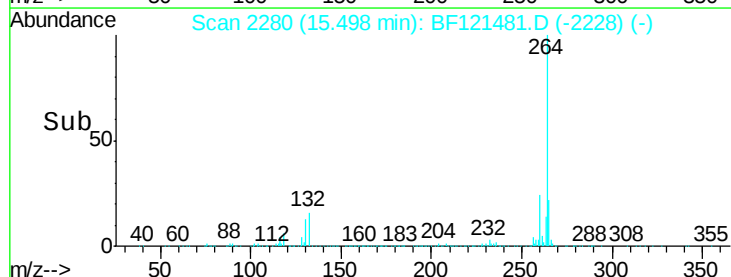
265 22.0 17.8 26.6

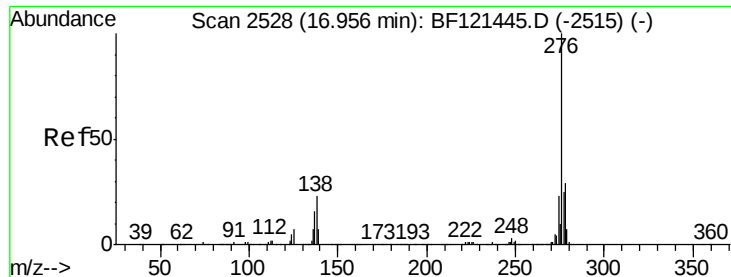


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

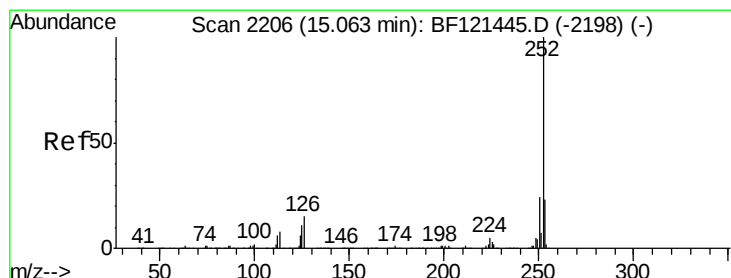
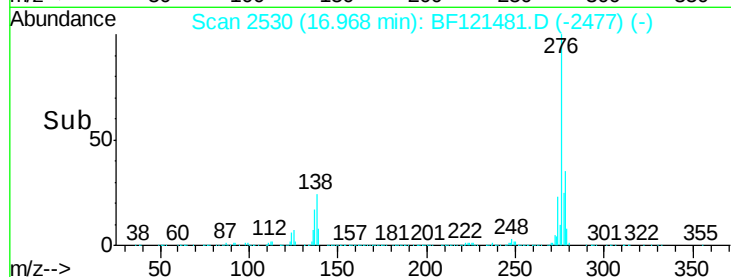
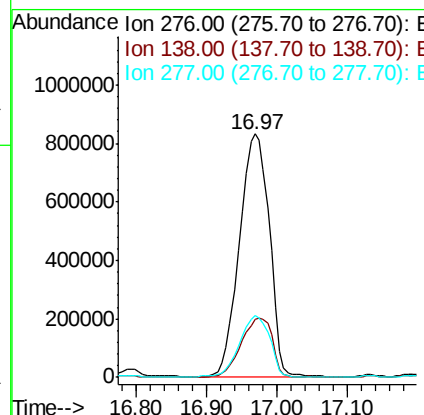
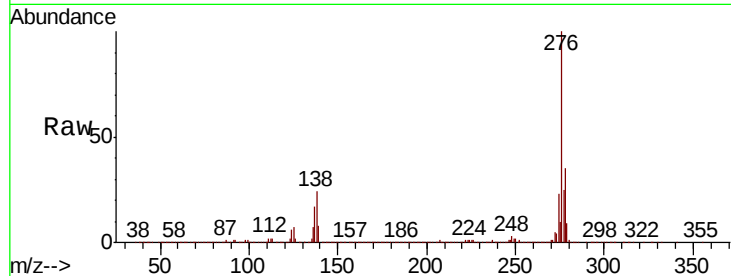




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.506 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

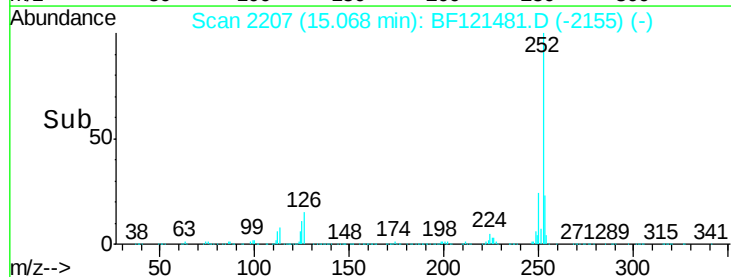
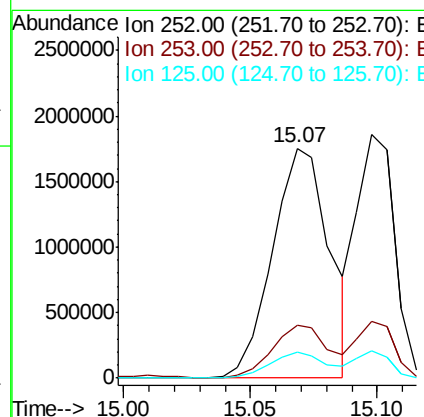
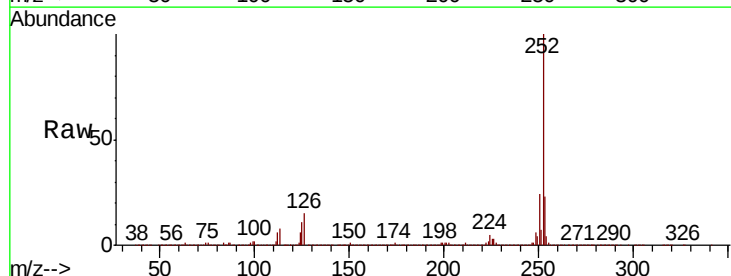
Instrument :
 BNA_F
 ClientSampled :
 12018MS

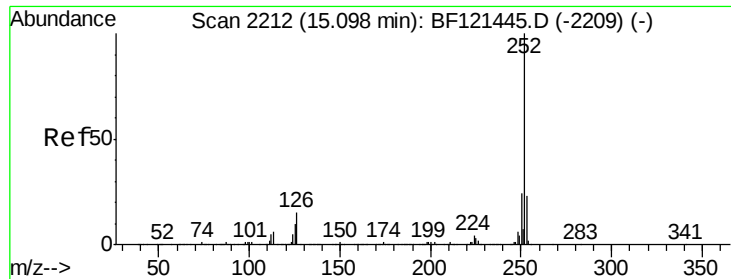
Tot Ion:276 Resp: 2440581
 Ion Ratio Lower Upper
 276 100
 138 25.2 20.6 31.0
 277 25.1 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 54.778 ng
 RT: 15.07 min Scan# 2207
 Delta R.T. 0.01 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion:252 Resp: 2744167
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.3 27.5
 125 11.4 9.2 13.8

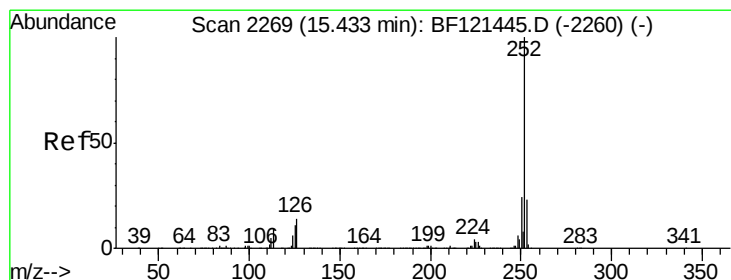
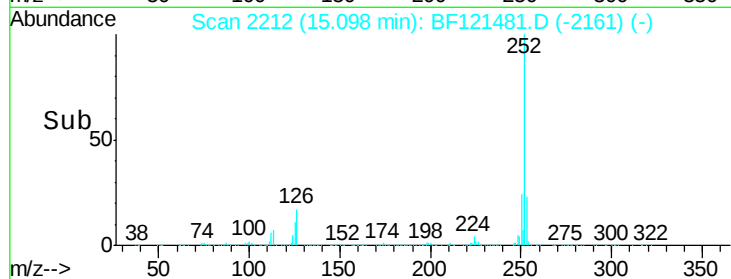
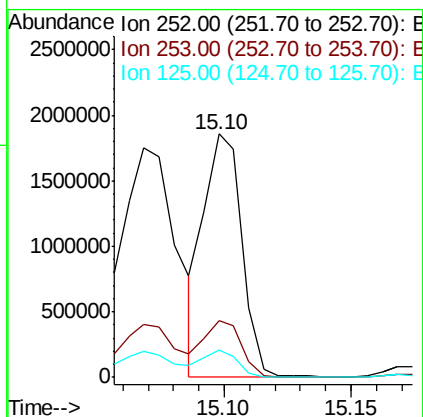
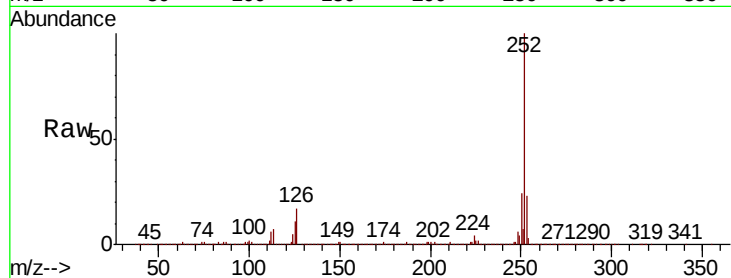




#89
Benzo(k)fluoranthene
Concen: 41.555 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

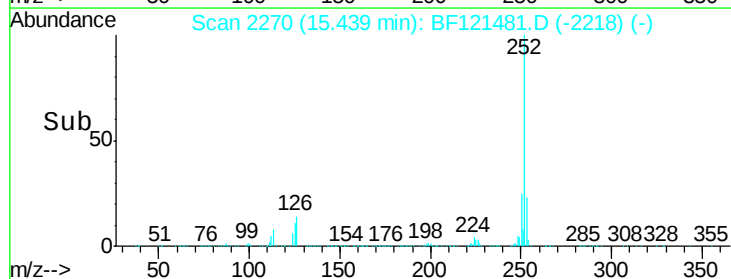
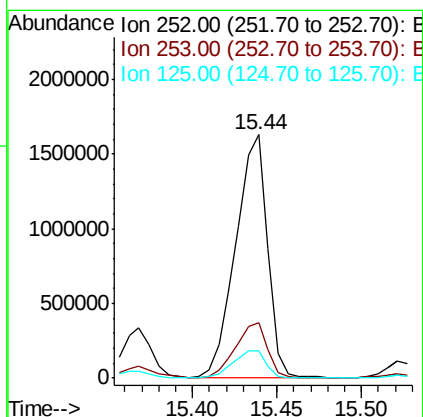
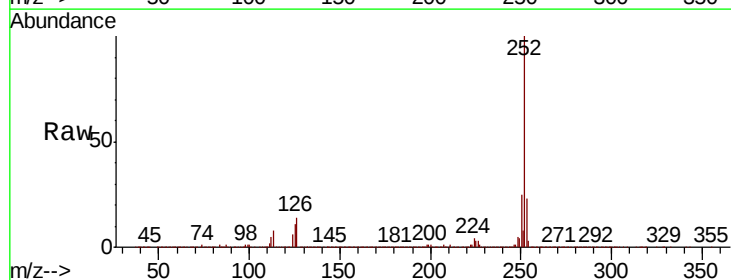
Instrument :
BNA_F
ClientSampled :
12018MS

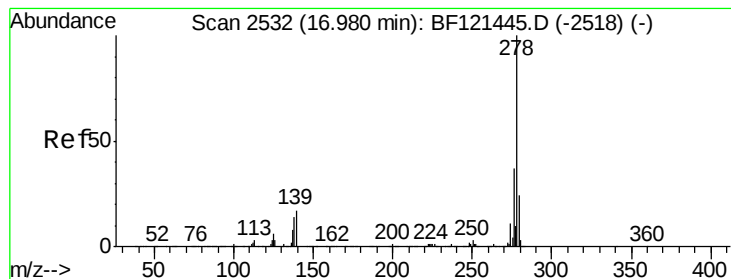
Tot Ion:252 Resp: 1936288
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 11.4 8.5 12.7



#90
Benzo(a)pyrene
Concen: 47.520 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion:252 Resp: 2140627
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 11.1 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 44.624 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

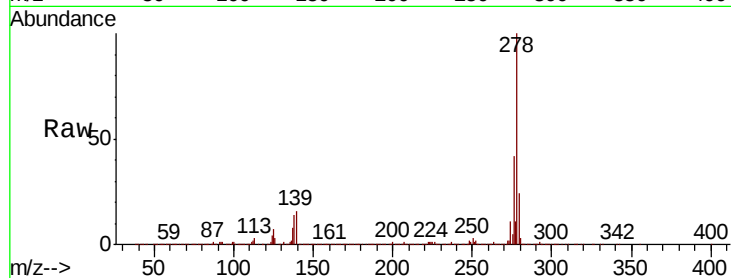
Tot Ion:278 Resp: 1730872

Ion Ratio Lower Upper

278 100

139 16.2 13.3 19.9

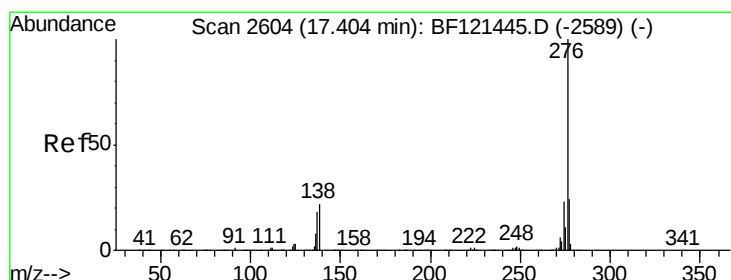
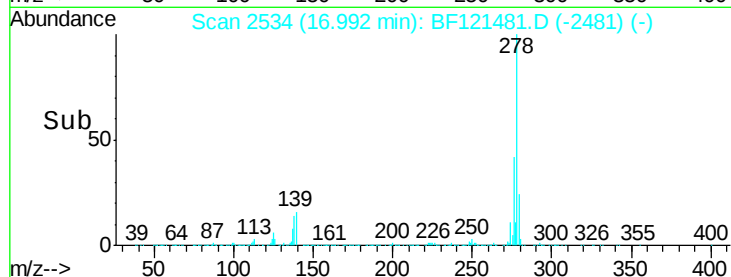
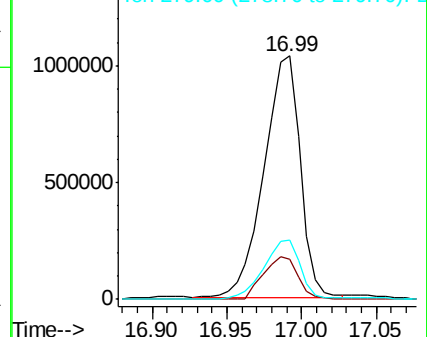
279 24.4 19.4 29.0



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: 56.228 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

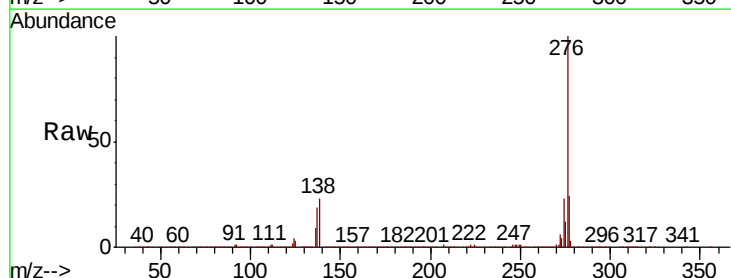
Tgt Ion:276 Resp: 2100912

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 22.8 17.4 26.0



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

