

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121478.D
 Acq On : 31 Aug 2020 15:18
 Operator : JU/CG
 Sample : SP5251
 Misc : 8270/625 SPIKE
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

Quant Time: Aug 31 16:01:16 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	266388	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1099493	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	593260	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1132538	20.00	ng	0.00
76) Chrysene-d12	14.03	240	886223	20.00	ng	0.00
86) Perylene-d12	15.50	264	922373	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.65	99	54225	2.44	ng	0.15
23) Nitrobenzene-d5	7.37	82	92293	5.74	ng	-0.05
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.22	172	119	0.00	ng	0.00
79) Terphenyl-d14	12.96	244	654	0.02	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	429635	56.739	ng	99
3) Pyridine	3.48	79	1150224	55.781	ng	99
4) n-Nitrosodimethylamine	3.45	42	508339	55.771	ng	93
6) Aniline	6.52	93	1273253	48.363	ng	99
8) 2-Chlorophenol	6.65	128	1051421	65.246	ng	97
9) Benzaldehyde	6.41	77	756777	Below Cal		98
10) Phenol	6.50	94	1399594	64.480	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	1016949	57.665	ng	99
12) 1,3-Dichlorobenzene	6.80	146	1077693	55.543	ng	99
13) 1,4-Dichlorobenzene	6.88	146	1091668	56.141	ng	99
14) 1,2-Dichlorobenzene	7.03	146	1059905	58.539	ng	98
15) Benzyl Alcohol	7.00	79	896604	61.565	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1441339	55.169	ng	98
17) 2-Methylphenol	7.12	107	851739	60.748	ng	99
18) Hexachloroethane	7.37	117	403858	60.687	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	713806	57.566	ng	99
20) 3+4-Methylphenols	7.26	107	1013652	59.742	ng	90
22) Acetophenone	7.27	105	1320563	48.730	ng	# 98
24) Nitrobenzene	7.44	77	1092312	67.758	ng	98
25) Isophorone	7.69	82	2034653	56.247	ng	100
26) 2-Nitrophenol	7.76	139	531442	67.082	ng	96
27) 2,4-Dimethylphenol	7.80	122	985551	65.691	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1316237	53.510	ng	100
29) 2,4-Dichlorophenol	8.00	162	895649	60.462	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	930858	51.296	ng	99
31) Naphthalene	8.17	128	2876892	52.704	ng	100
32) Benzoic acid	7.93	122	711343	64.411	ng	99
33) 4-Chloroaniline	8.21	127	831416	34.198	ng	99
34) Hexachlorobutadiene	8.29	225	548075	50.787	ng	99
35) Caprolactam	8.60	113	194003	40.154	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	938321	60.077	ng	100
37) 2-Methylnaphthalene	8.86	142	1998367	55.256	ng	100
38) 1-Methylnaphthalene	8.96	142	1861599	54.513	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	877652	49.906	ng	99

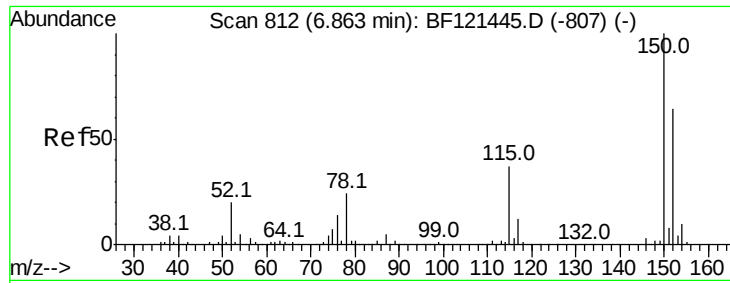
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121478.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	1072519	145.026	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	670213	60.296	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	676831	61.578	nq	97
46) 1,1'-Biphenyl	9.32	154	2360134	52.720	nq	99
47) 2-Chloronaphthalene	9.35	162	1828655	49.696	nq	97
48) 2-Nitroaniline	9.45	65	596661	56.418	nq	91
49) Acenaphthylene	9.77	152	2902603	52.589	nq	99
50) Dimethylphthalate	9.63	163	2222097	54.528	nq	100
51) 2,6-Dinitrotoluene	9.69	165	505612	63.767	nq	98
52) Acenaphthene	9.94	154	2016840	57.870	nq	100
53) 3-Nitroaniline	9.85	138	363592	38.573	nq	# 95
54) 2,4-Dinitrophenol	9.96	184	473275	104.726	nq	86
55) Dibenzofuran	10.11	168	2690987	53.154	nq	98
56) 4-Nitrophenol	10.02	139	933069	114.797	nq	96
57) 2,4-Dinitrotoluene	10.09	165	660963	66.919	nq	96
58) Fluorene	10.45	166	1996647	52.317	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	590325	64.509	nq	99
60) Diethylphthalate	10.33	149	2220260	54.229	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	989066	51.725	nq	97
62) 4-Nitroaniline	10.47	138	530676	52.791	nq	96
63) Azobenzene	10.60	77	2138334	52.814	nq	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	305679	70.940	nq	90
66) n-Nitrosodiphenylamine	10.56	169	1875686	52.365	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	647607	51.979	nq	97
68) Hexachlorobenzene	11.00	284	751596	51.588	nq	98
69) Atrazine	11.09	200	485736	46.759	nq	98
70) Pentachlorophenol	11.19	266	891283	133.908	nq	98
71) Phenanthrene	11.42	178	2925921	50.343	nq	99
72) Anthracene	11.47	178	3019160	52.817	nq	100
73) Carbazole	11.62	167	2850298	51.709	nq	99
74) Di-n-butylphthalate	11.95	149	3302758	53.935	nq	99
75) Fluoranthene	12.60	202	3231331	51.587	nq	99
77) Benzidine	12.73	184	2051168	106.125	nq	99
78) Pyrene	12.83	202	3289353	51.971	nq	99
80) Butylbenzylphthalate	13.45	149	1485967	60.942	nq	95
81) Benzo(a)anthracene	14.02	228	2787549	51.526	nq	98
82) 3,3'-Dichlorobenzidine	13.98	252	923234	46.592	nq	99
83) Chrysene	14.06	228	2788133	51.513	nq	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	1845697	58.608	nq	100
85) Di-n-octyl phthalate	14.63	149	3369130	63.128	nq	99
87) Indeno(1,2,3-cd)pyrene	16.97	276	3041725	53.597	nq	100
88) Benzo(b)fluoranthene	15.07	252	3160613	52.677	nq	99
89) Benzo(k)fluoranthene	15.10	252	2822675	50.578	nq	98
90) Benzo(a)pyrene	15.44	252	2731348	50.625	nq	98
91) Dibenzo(a,h)anthracene	16.99	278	2481651	53.420	nq	98
92) Benzo(g,h,i)perylene	17.42	276	2462834	55.034	nq	98

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

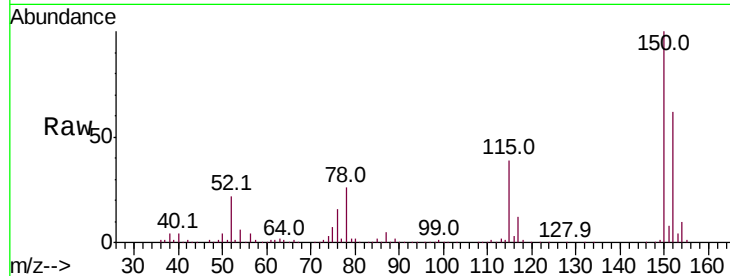


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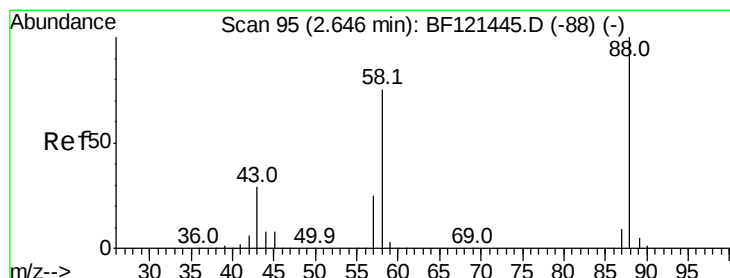
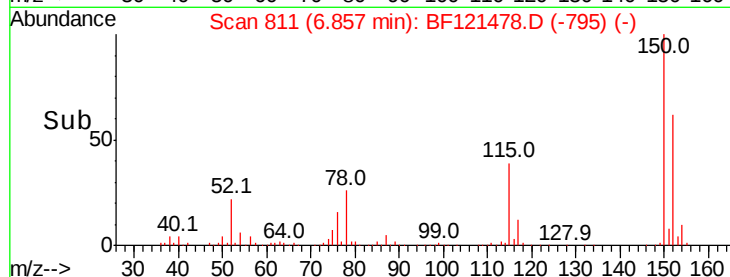
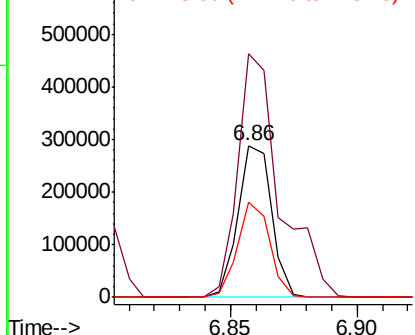
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion:152 Resp: 266388
Ion Ratio Lower Upper
152 100
150 160.5 125.8 188.6
115 62.4 46.6 69.8



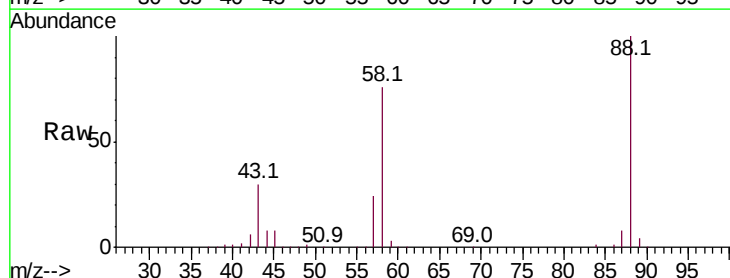
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



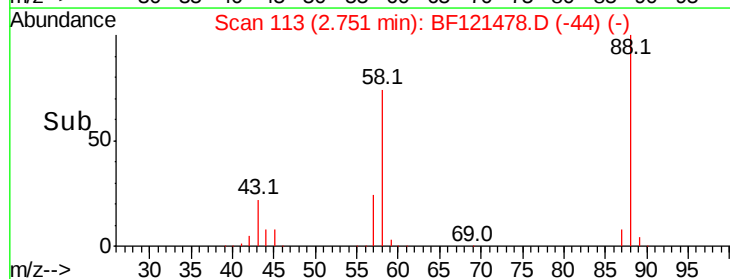
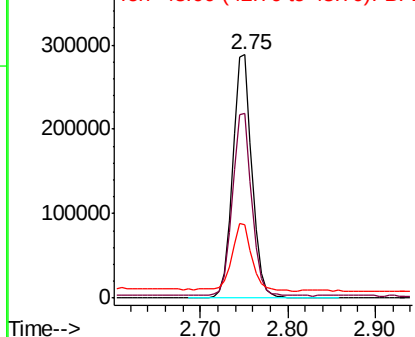
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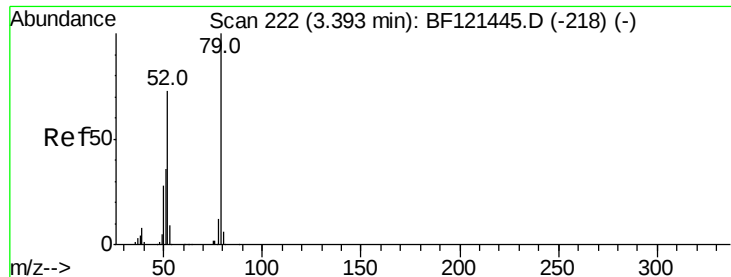
1,4-Dioxane
Concen: 56.739 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.11 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion: 88 Resp: 429635
Ion Ratio Lower Upper
88 100
58 75.4 61.1 91.7
43 28.7 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: 55.781 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.09 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

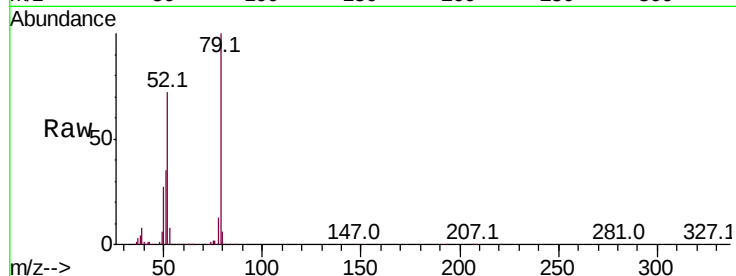
Tot Ion: 79 Resp: 1150224

Ion Ratio Lower Upper

79 100

52 72.5 58.2 87.4

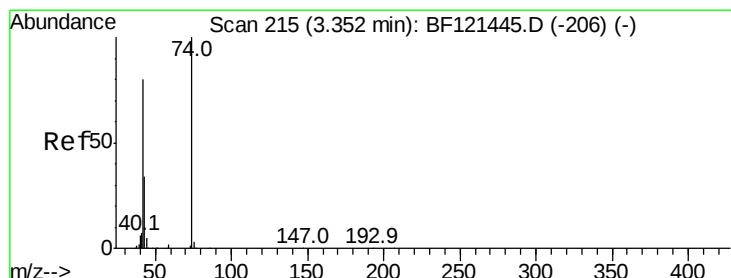
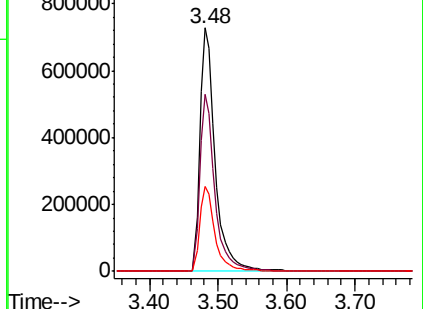
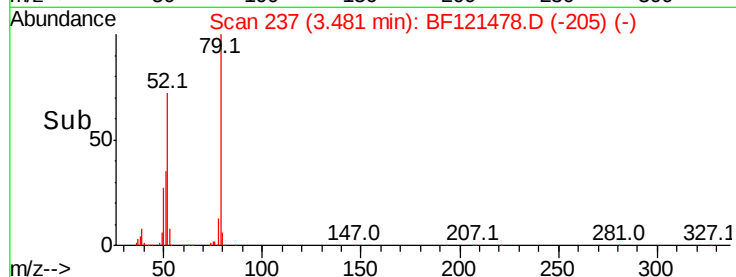
51 35.0 29.1 43.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 55.771 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.10 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

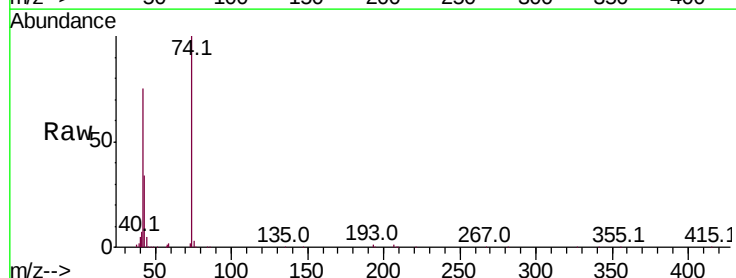
Tgt Ion: 42 Resp: 508339

Ion Ratio Lower Upper

42 100

74 133.9 100.2 150.4

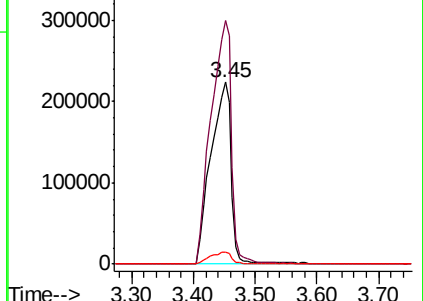
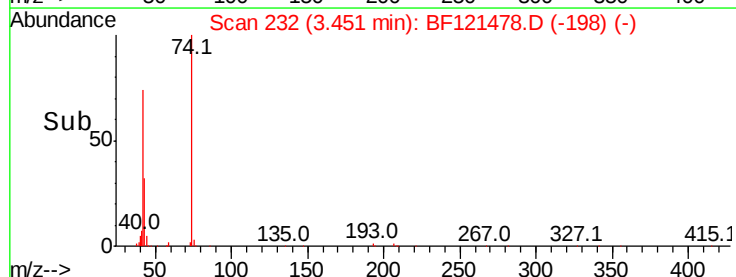
44 6.4 5.4 8.0

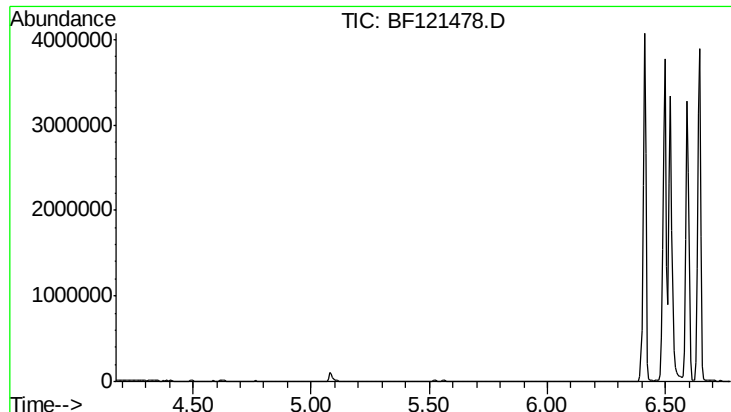


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

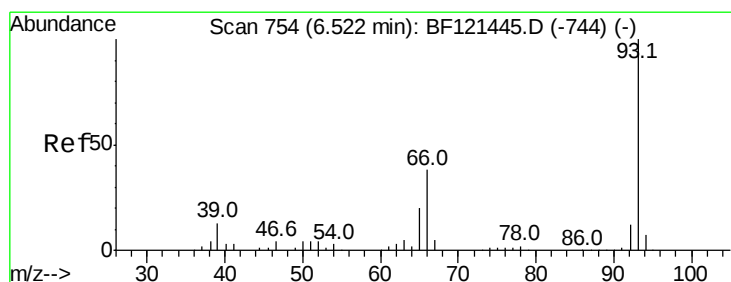
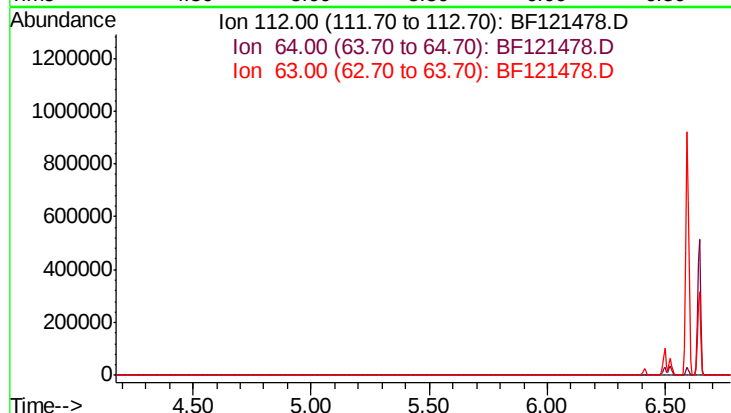




#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.47 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

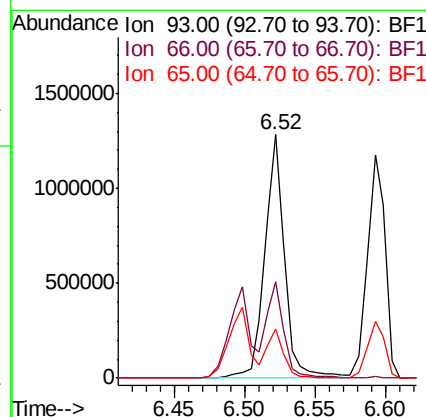
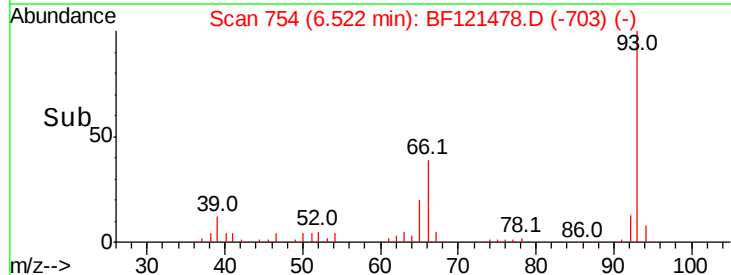
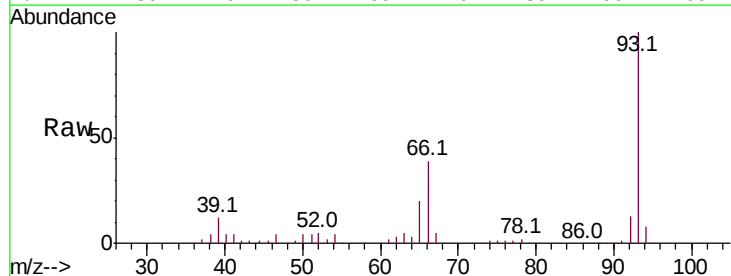
Tot Ion: 112
 Sig Exp Ratio
 112 100
 64 60.2
 63 31.0

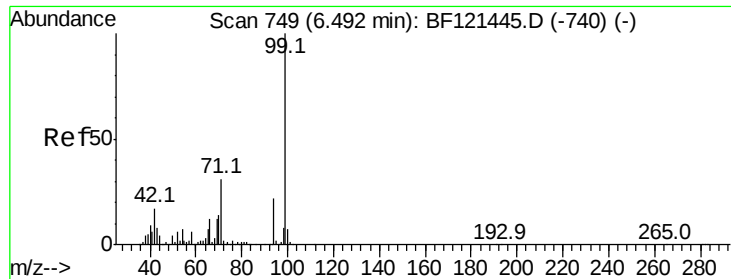


#6
 Aniline
 Concen: 48.363 ng
 RT: 6.52 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion: 93 Resp: 1273253

Ion	Ratio	Lower	Upper
93	100		
66	39.5	30.9	46.3
65	20.1	15.9	23.9





#7

Phenol-d6

Concen: 2.444 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.15 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

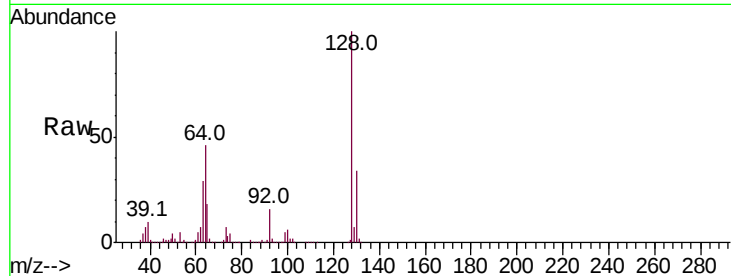
Tot Ion: 99 Resp: 54225

Ion Ratio Lower Upper

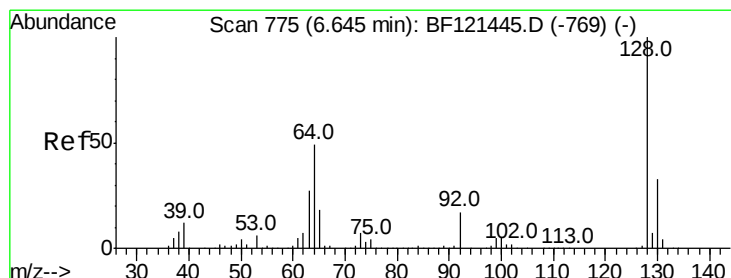
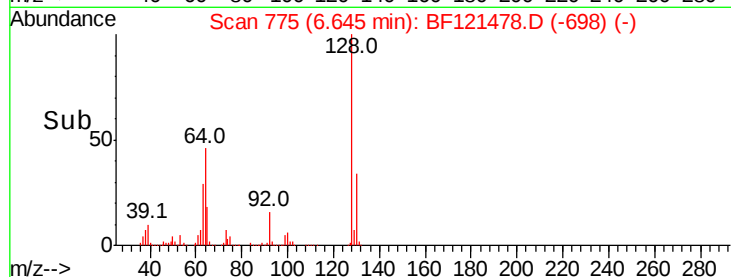
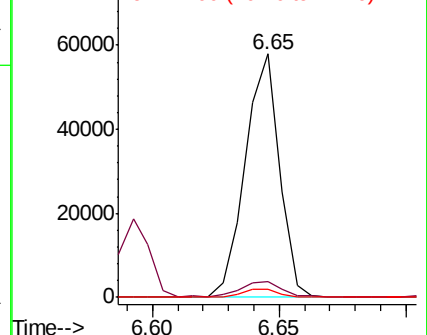
99 100

42 6.5 13.5 20.3#

71 3.2 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: 65.246 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

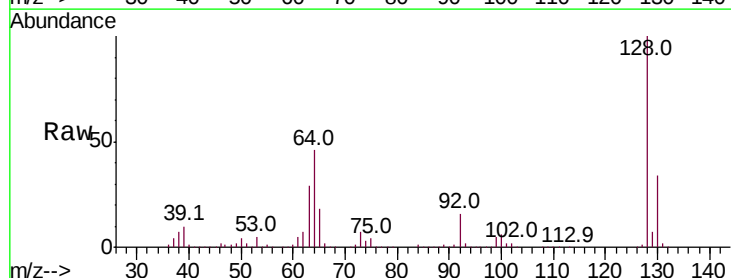
Tgt Ion: 128 Resp: 1051421

Ion Ratio Lower Upper

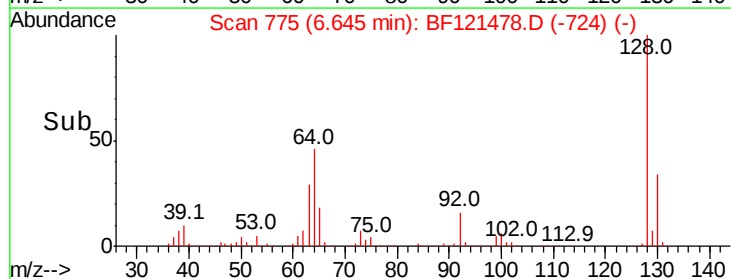
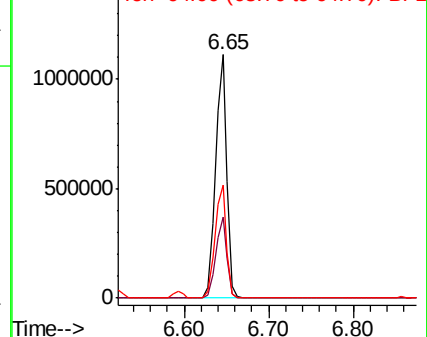
128 100

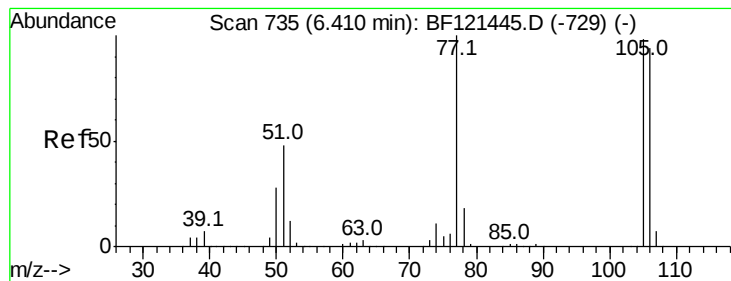
130 33.5 12.6 52.6

64 46.3 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: Below Cal

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

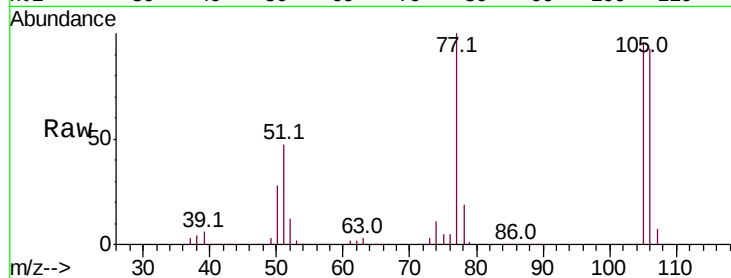
Tot Ion: 77 Resp: 756777

Ion Ratio Lower Upper

77 100

105 96.3 78.1 118.1

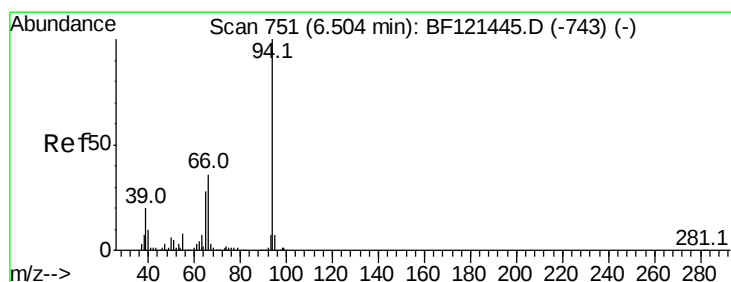
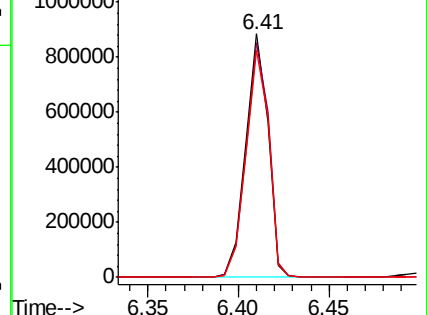
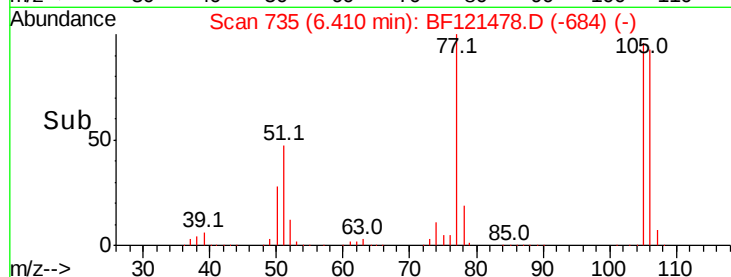
106 93.0 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 64.480 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

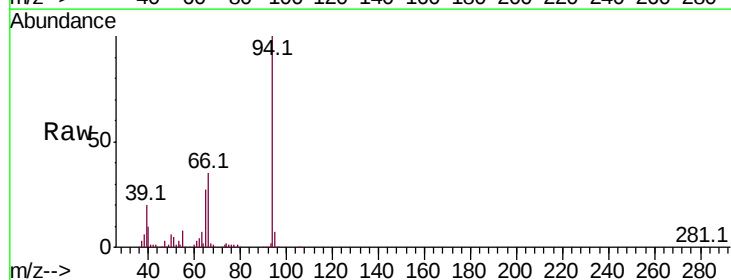
Tgt Ion: 94 Resp: 1399594

Ion Ratio Lower Upper

94 100

65 27.0 7.9 47.9

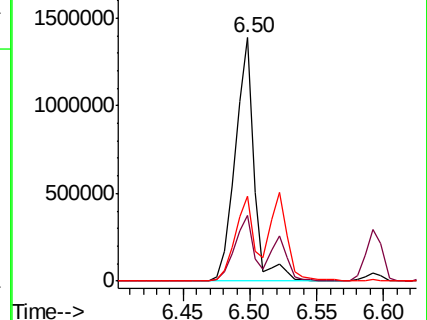
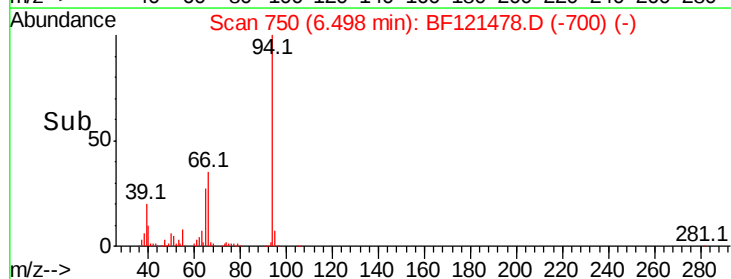
66 34.9 16.0 56.0

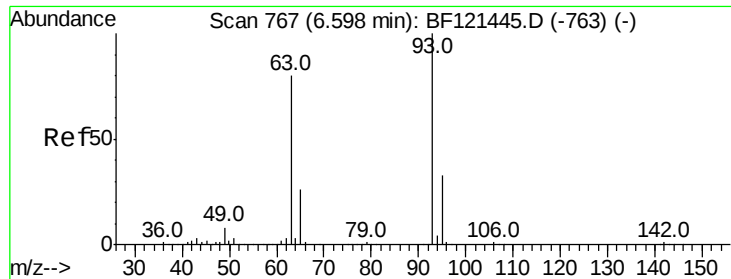


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



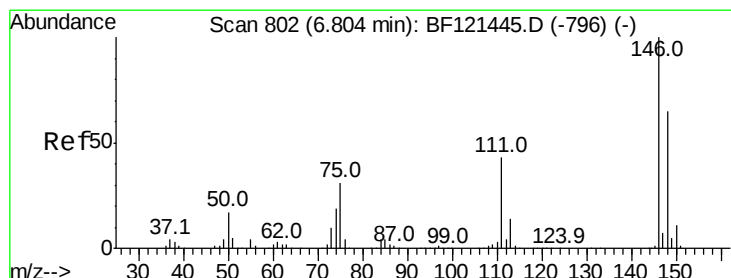
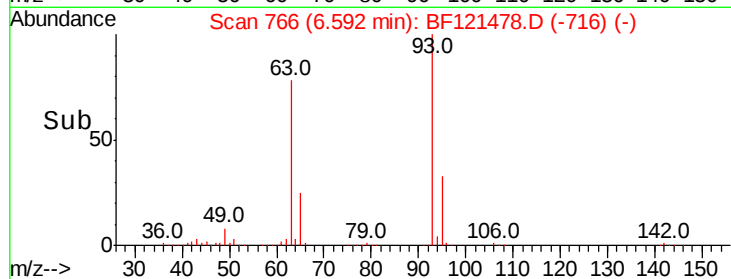
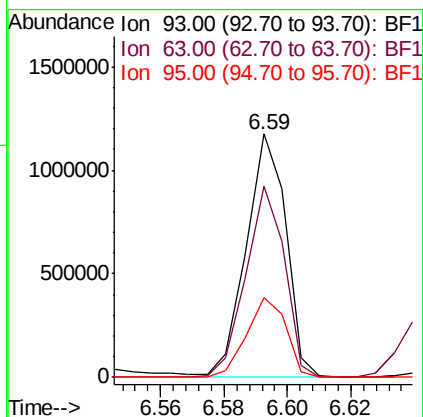
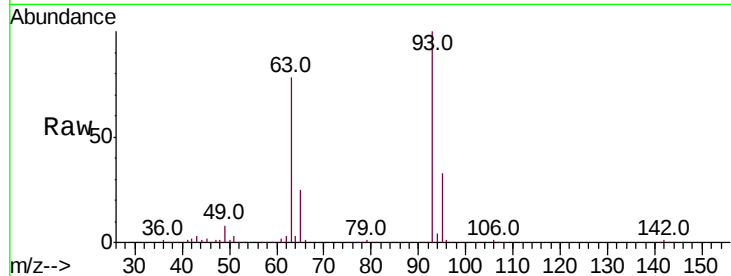


#11
bis(2-Chloroethyl)ether
Concen: 57.665 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion: 93 Resp: 1016949

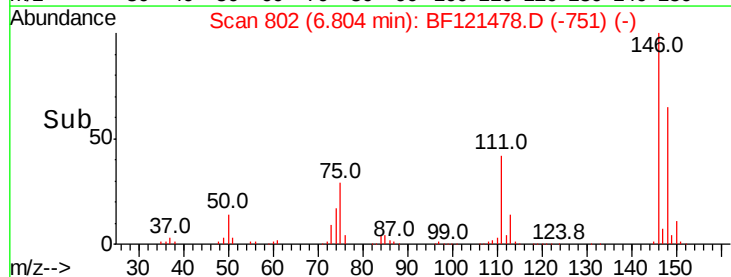
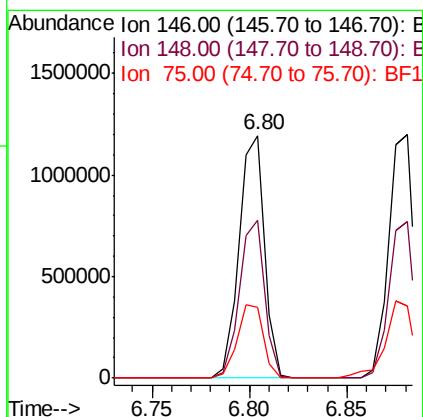
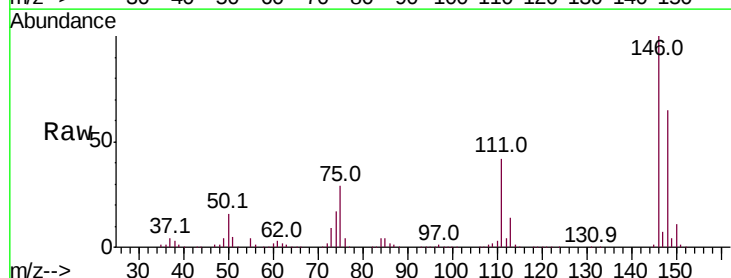
Ion	Ratio	Lower	Upper
93	100		
63	78.3	59.3	99.3
95	32.6	13.0	53.0

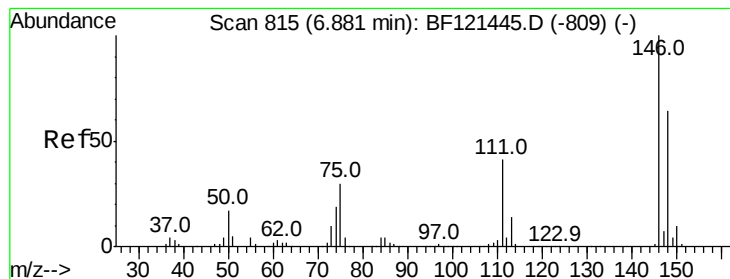


#12
1,3-Dichlorobenzene
Concen: 55.543 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion: 146 Resp: 1077693

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.1	78.1
75	29.2	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 56.141 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

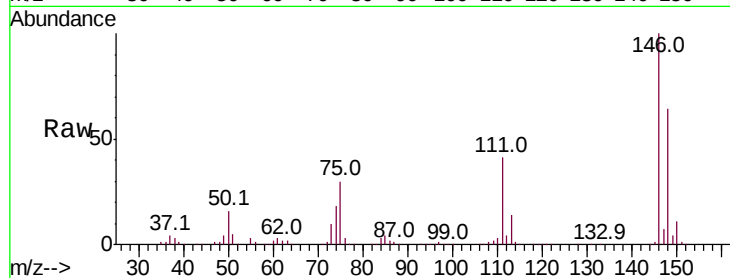
Tot Ion:146 Resp: 1091668

Ion Ratio Lower Upper

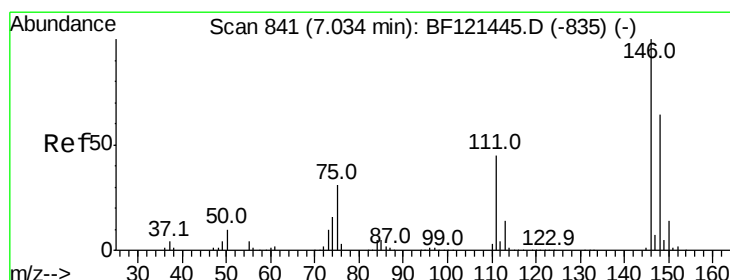
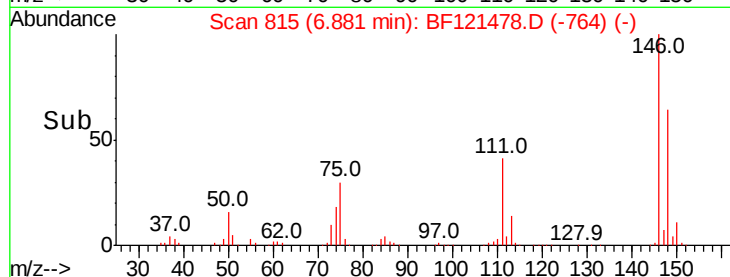
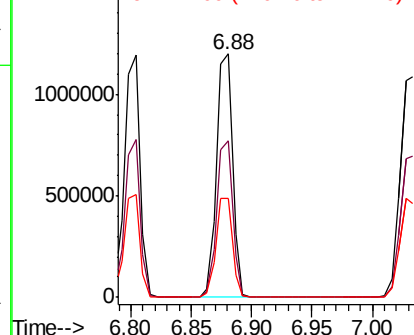
146 100

148 64.4 51.2 76.8

111 40.8 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: 58.539 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

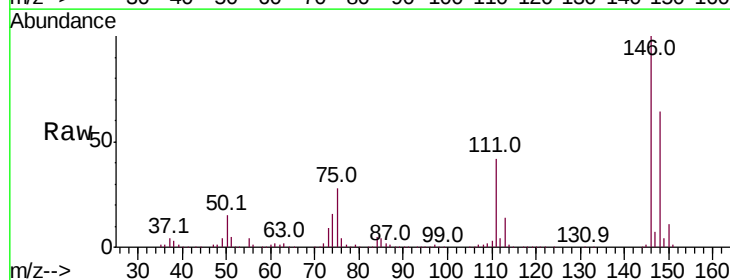
Tgt Ion:146 Resp: 1059905

Ion Ratio Lower Upper

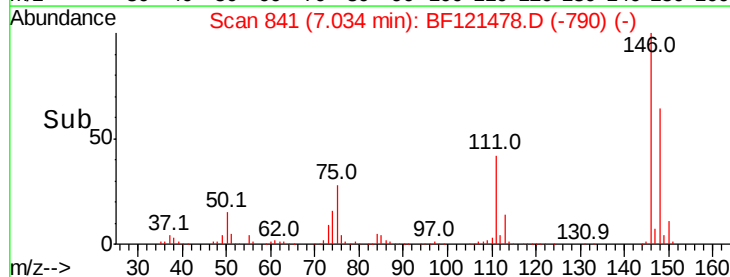
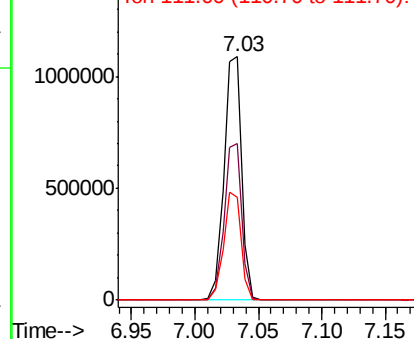
146 100

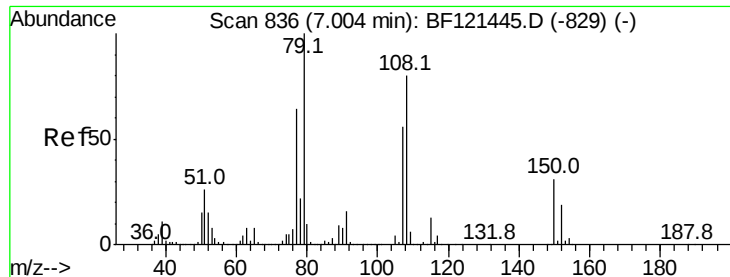
148 64.1 51.1 76.7

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: 61.565 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampled :

SP5251

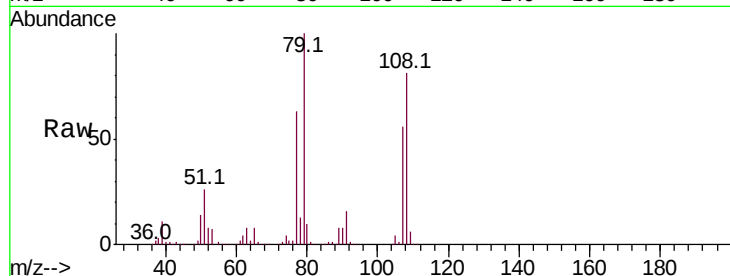
Tot Ion: 79 Resp: 896604

Ion Ratio Lower Upper

79 100

108 81.0 64.0 96.0

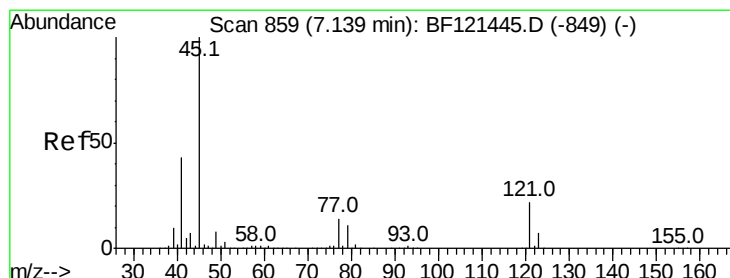
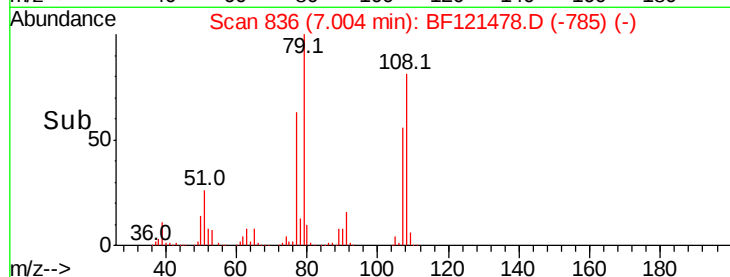
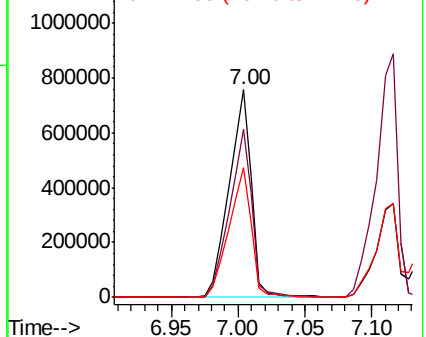
77 62.6 50.8 76.2



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: 55.169 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

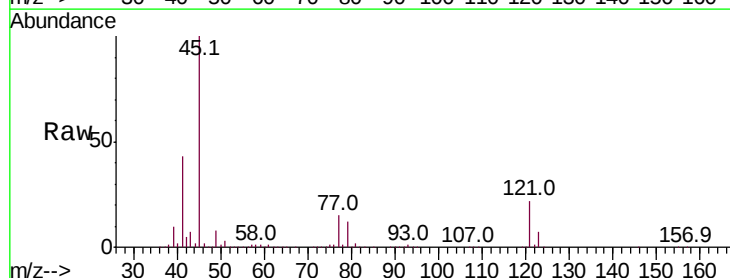
Tgt Ion: 45 Resp: 1441339

Ion Ratio Lower Upper

45 100

77 14.6 0.0 33.8

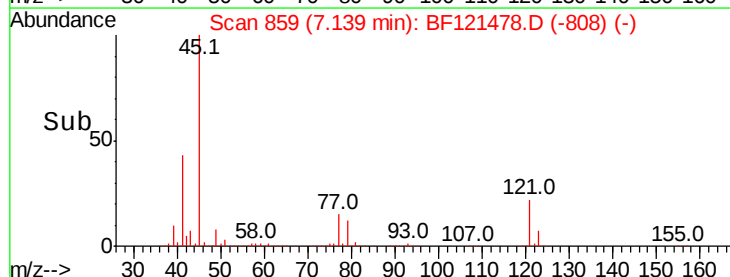
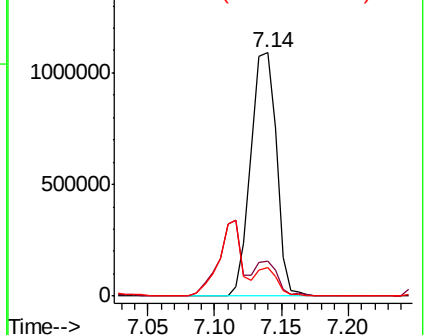
79 11.6 0.0 31.1

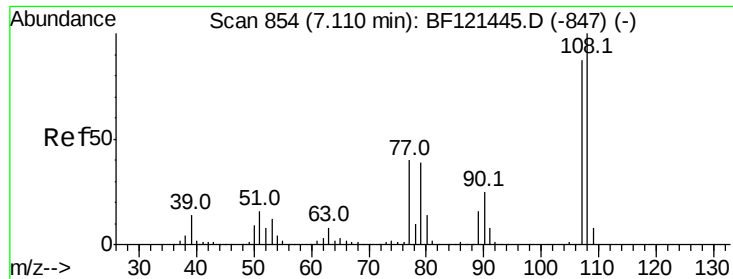


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

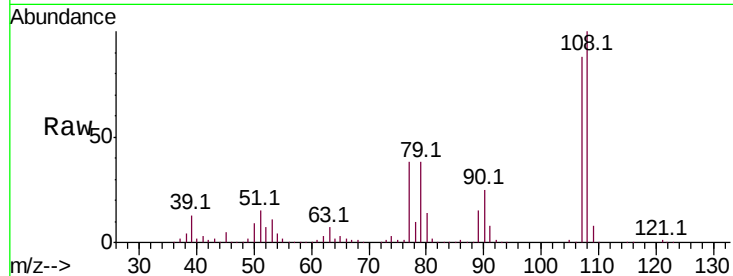




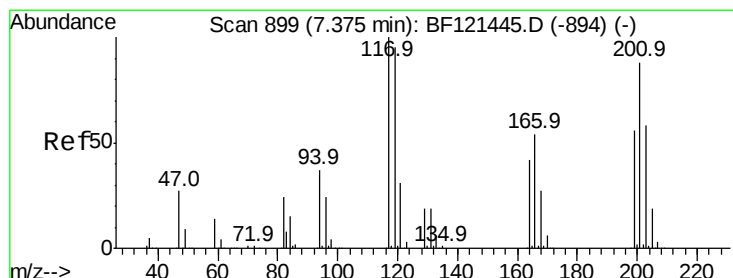
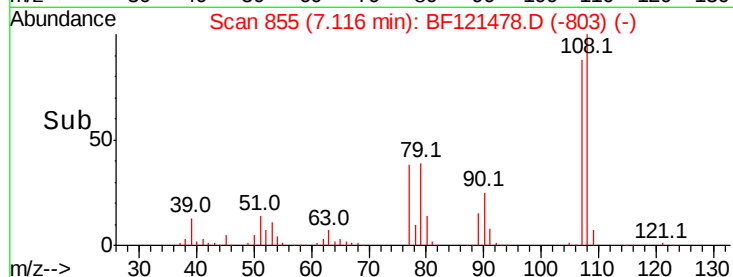
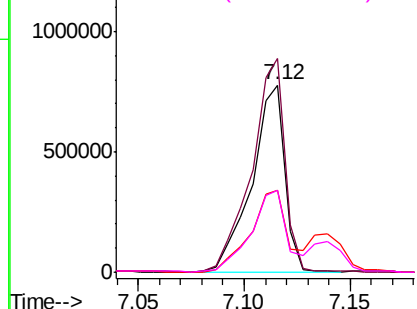
#17
2-Methylphenol
Concen: 60.748 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampled :
SP5251

Tot Ion:	107	Resp:	851739
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.7	137.5
77	43.8	36.4	54.6
79	43.8	35.5	53.3

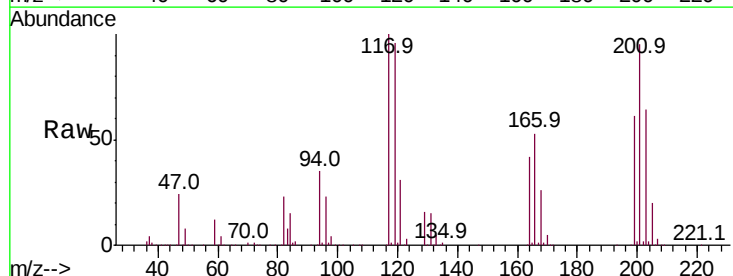


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

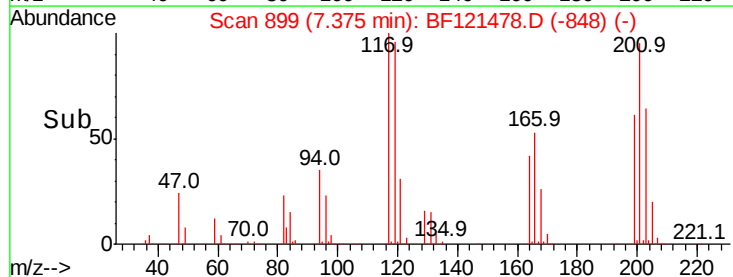
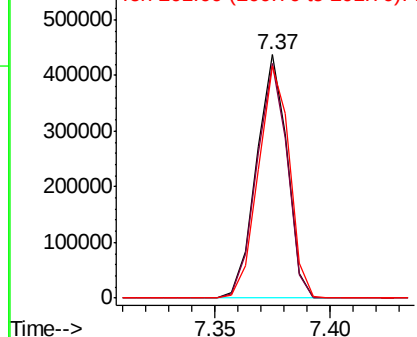


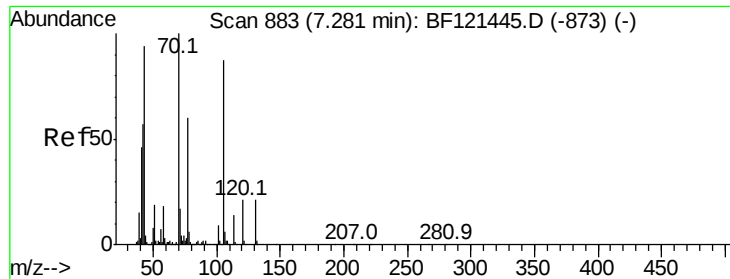
#18
Hexachloroethane
Concen: 60.687 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion:	117	Resp:	403858
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	95.2	70.4	105.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

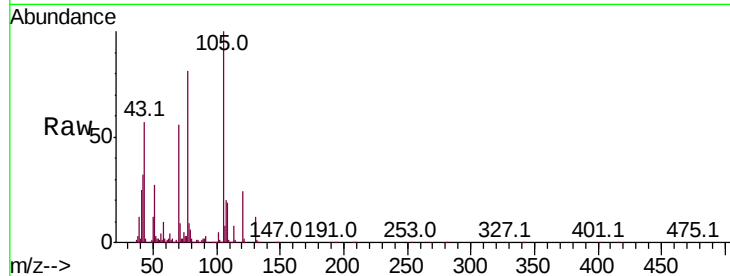




#19
n-Nitroso-di-n-propylamine
Concen: 57.566 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion:	70	Resp:	713806
Ion	Ratio	Lower	Upper
70	100		
42	56.8	45.8	68.6
101	9.2	7.5	11.3
130	20.8	16.5	24.7



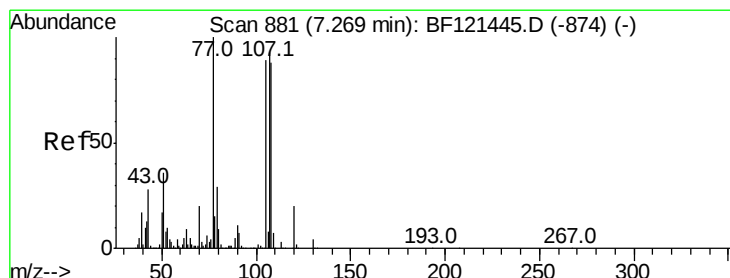
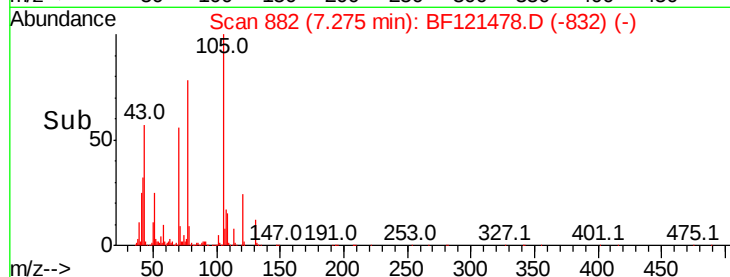
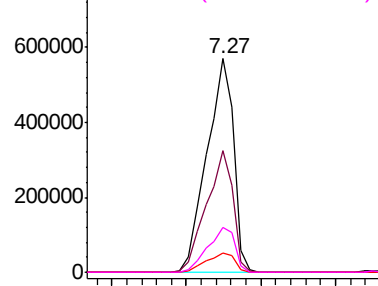
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

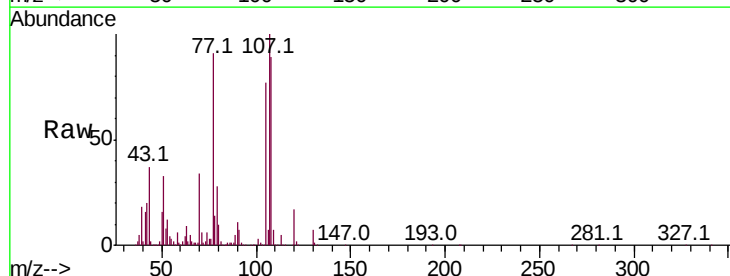
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 59.742 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion:	107	Resp:	1013652
Ion	Ratio	Lower	Upper
107	100		
108	89.1	75.0	115.0
77	91.4	87.5	127.5
79	27.9	11.1	51.1



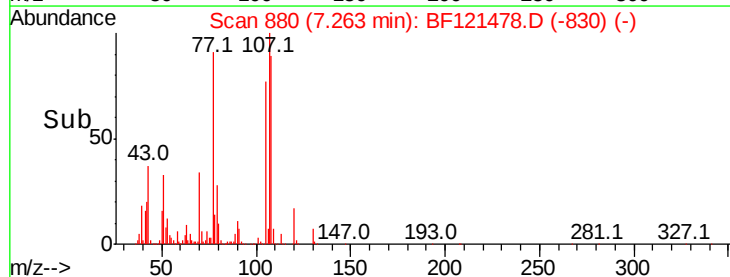
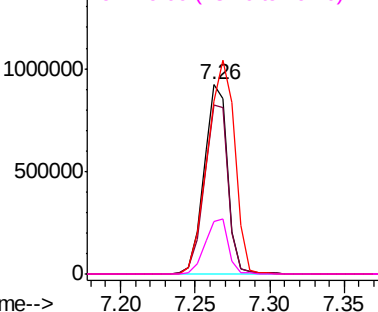
Abundance

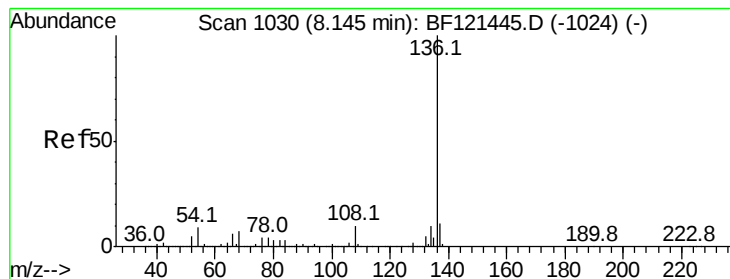
Ion 107.00 (106.70 to 107.70): BF1

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: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

Tot Ion:136 Resp: 1099493

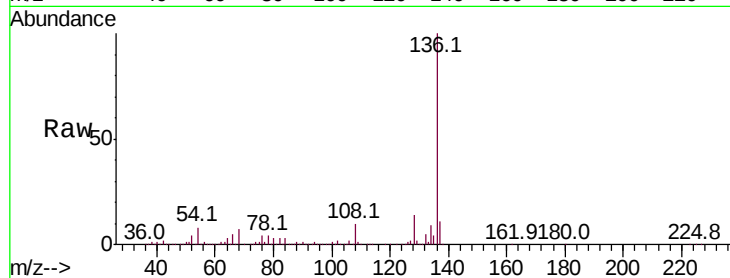
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.1 7.0 10.4

68 6.6 5.5 8.3

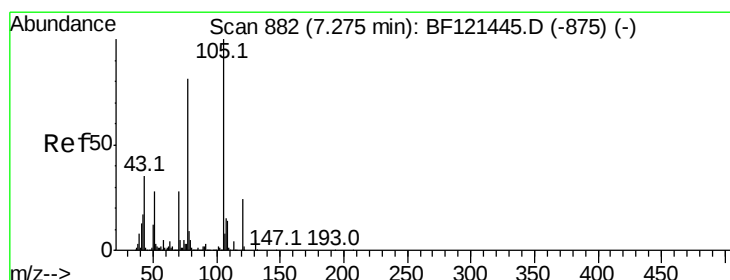
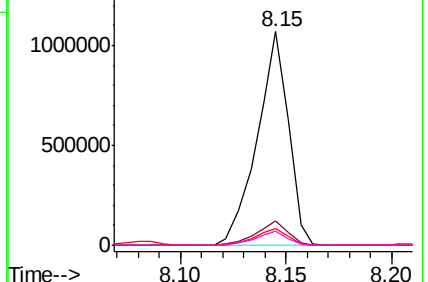
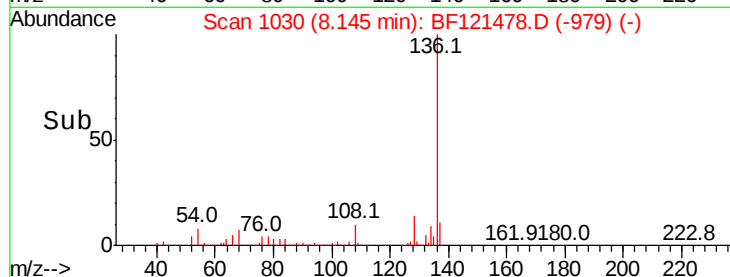


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.730 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Tgt Ion:105 Resp: 1320563

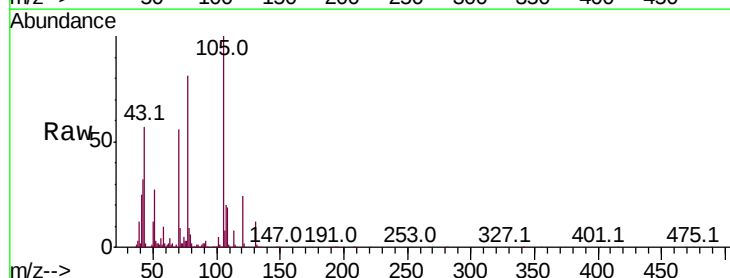
Ion Ratio Lower Upper

105 100

71 9.4 3.8 5.6#

51 27.0 22.6 33.8

120 23.6 18.9 28.3

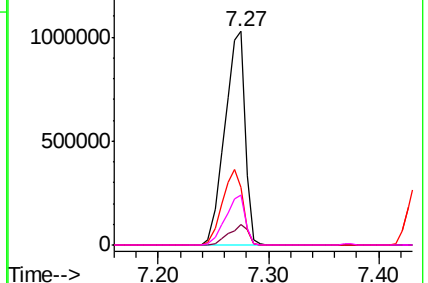
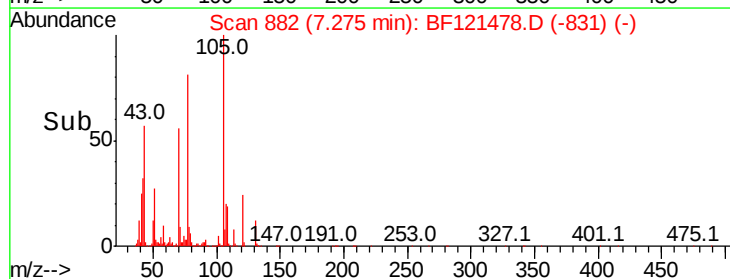


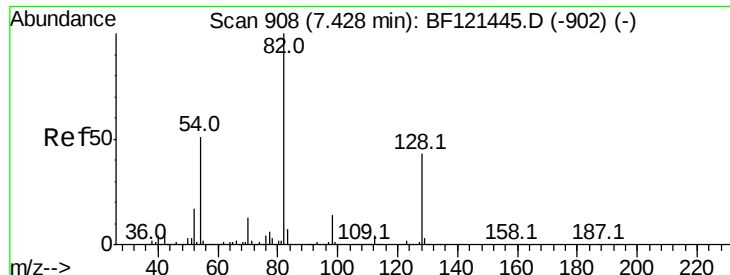
Abundance Ion 105.00 (104.70 to 105.70): E

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

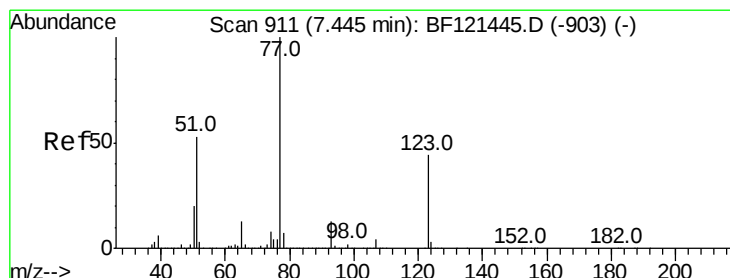
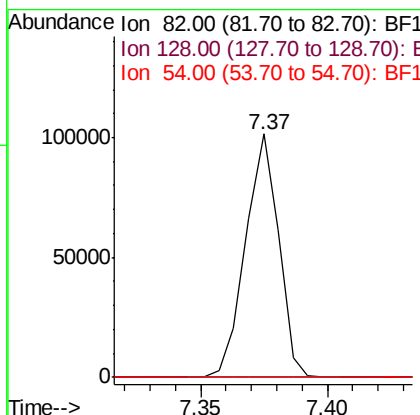
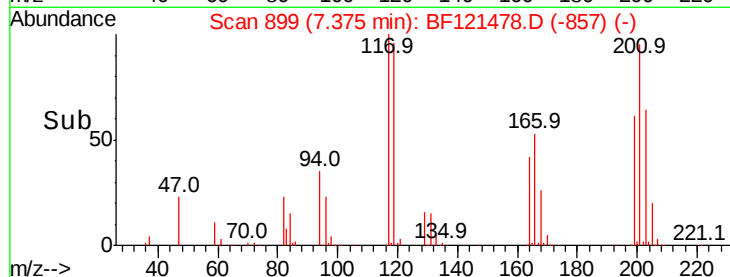
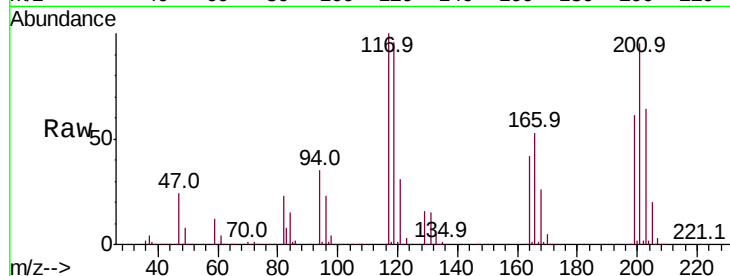




#23
 Nitrobenzene-d5
 Concen: 5.739 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.05 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

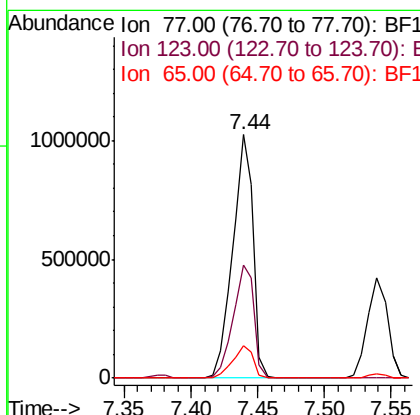
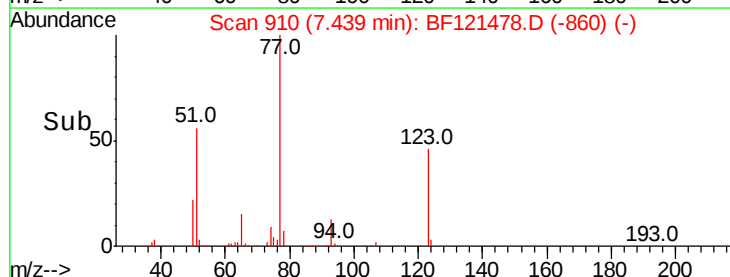
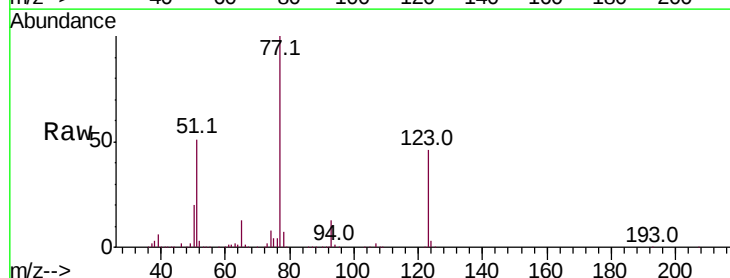
Instrument :
 BNA_F
 ClientSampled :
 SP5251

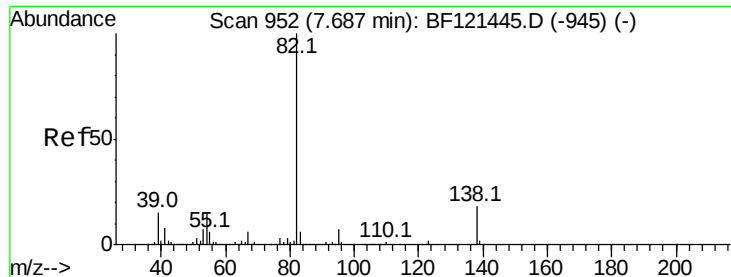
Tot Ion: 82 Resp: 92293
 Ion Ratio Lower Upper
 82 100
 128 0.0 34.1 51.1#
 54 0.0 41.0 61.6#



#24
 Nitrobenzene
 Concen: 67.758 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion: 77 Resp: 1092312
 Ion Ratio Lower Upper
 77 100
 123 46.4 35.5 53.3
 65 13.5 10.6 16.0





#25

Isophorone

Concen: 56.247 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

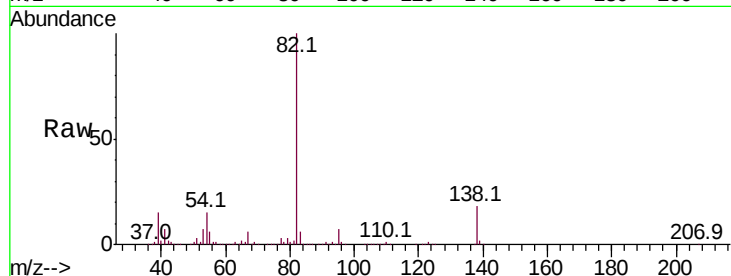
Tot Ion: 82 Resp: 2034653

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

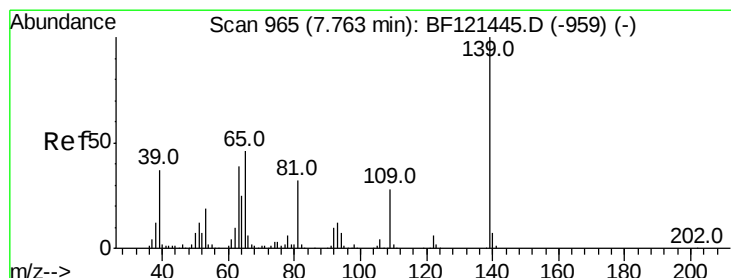
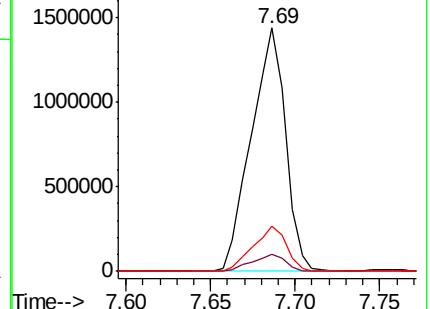
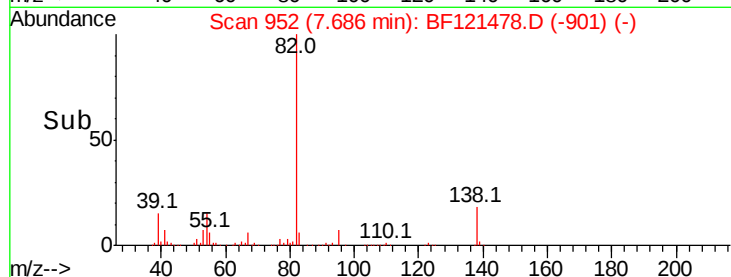
138 18.3 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 67.082 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

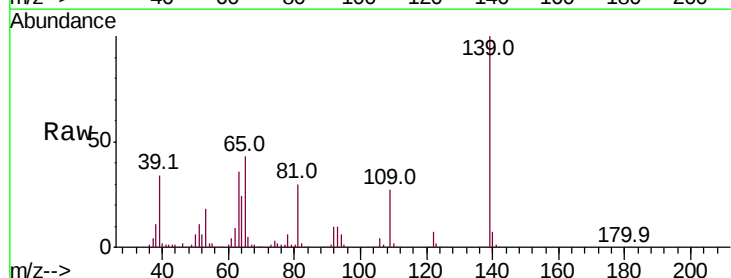
Tgt Ion:139 Resp: 531442

Ion Ratio Lower Upper

139 100

109 26.7 22.1 33.1

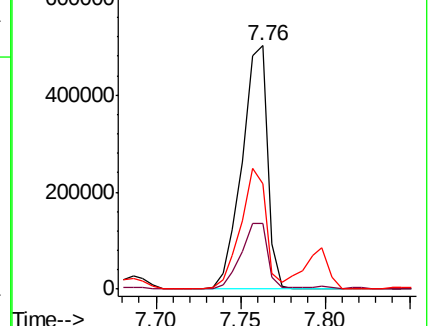
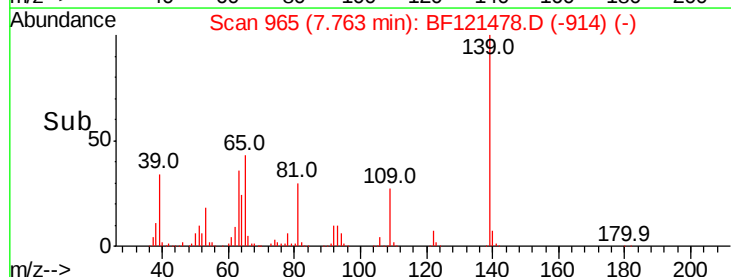
65 43.4 37.2 55.8

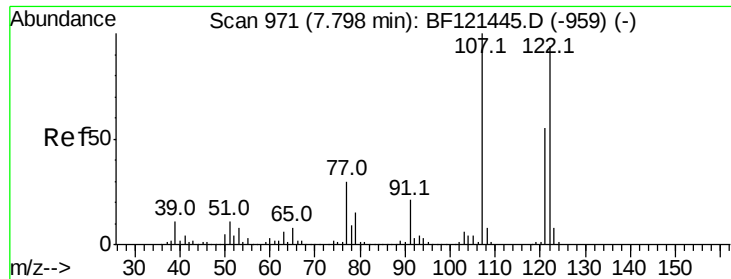


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

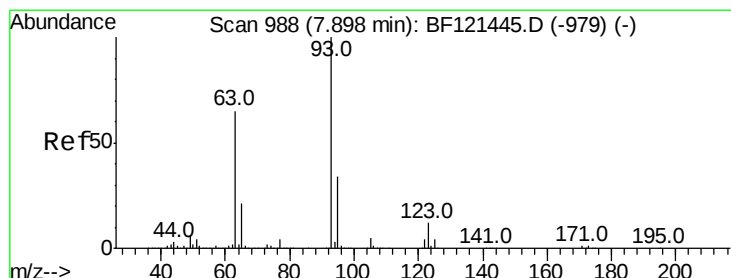
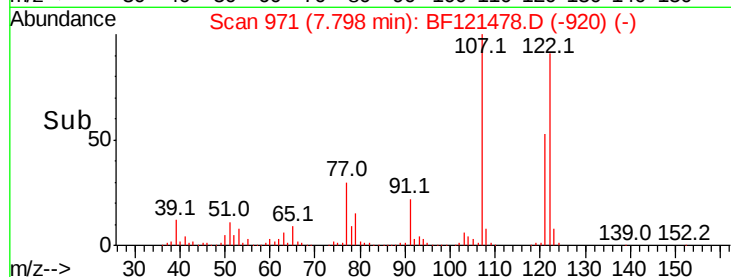
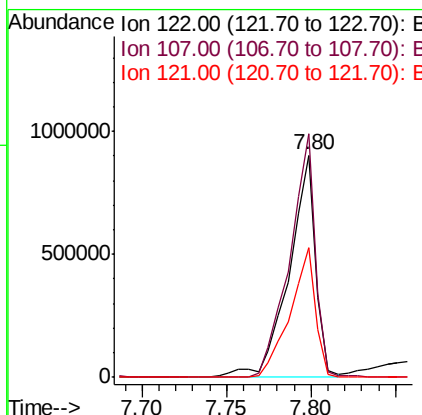
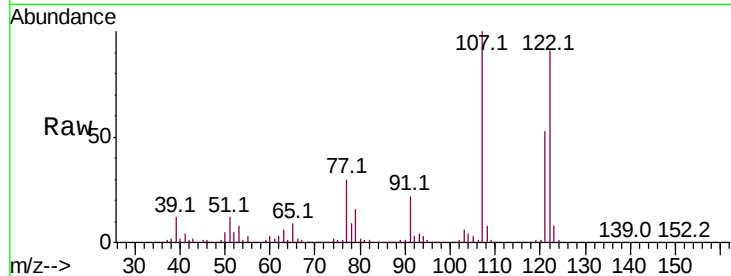




#27
2,4-Dimethylphenol
Concen: 65.691 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

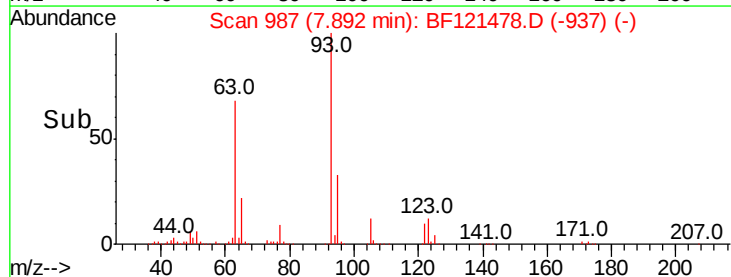
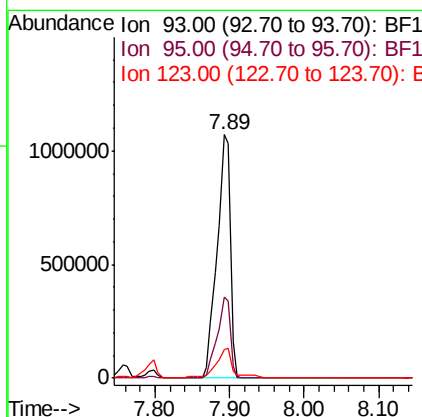
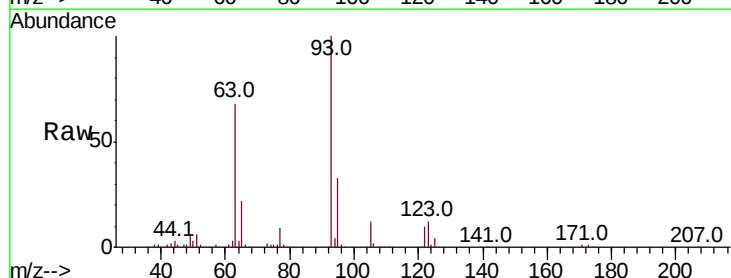
Instrument :
BNA_F
ClientSampled :
SP5251

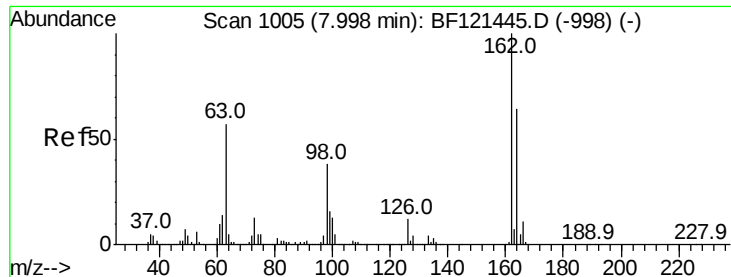
Tot Ion:122 Resp: 985551
Ion Ratio Lower Upper
122 100
107 109.5 84.9 127.3
121 58.4 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 53.510 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion: 93 Resp: 1316237
Ion Ratio Lower Upper
93 100
95 33.2 26.8 40.2
123 11.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 60.462 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

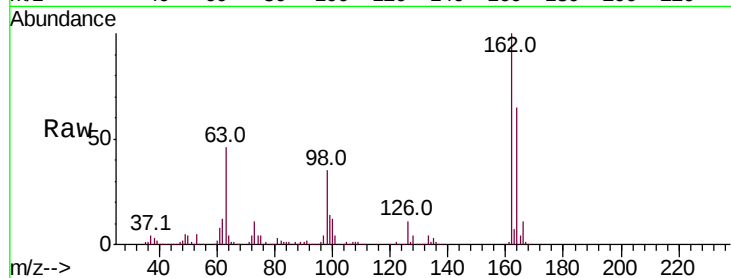
Tot Ion:162 Resp: 895649

Ion Ratio Lower Upper

162 100

164 65.0 44.0 84.0

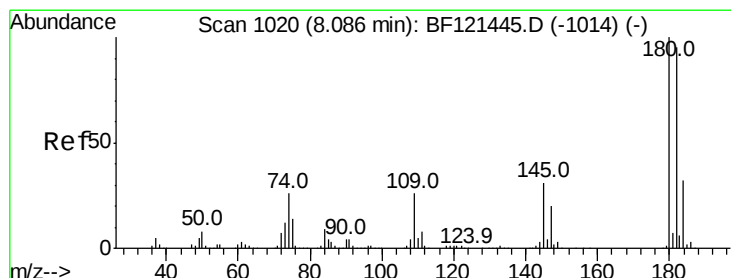
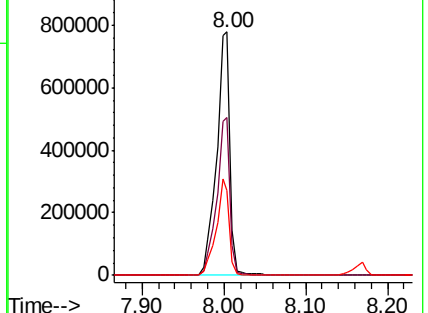
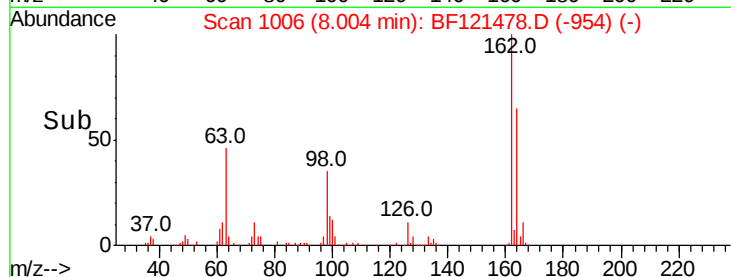
98 34.7 18.4 58.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 51.296 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

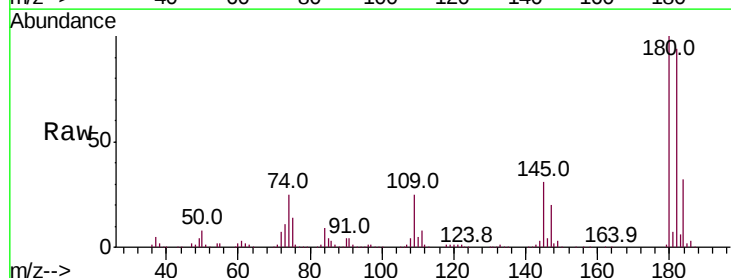
Tgt Ion:180 Resp: 930858

Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.4

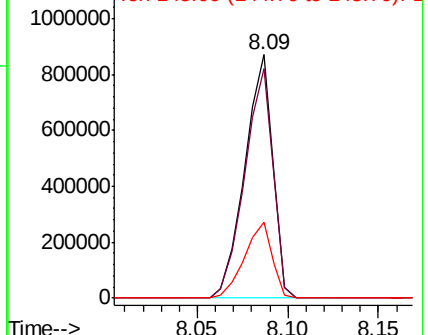
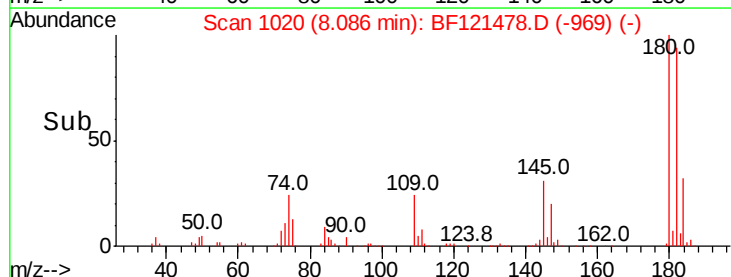
145 31.0 25.2 37.8

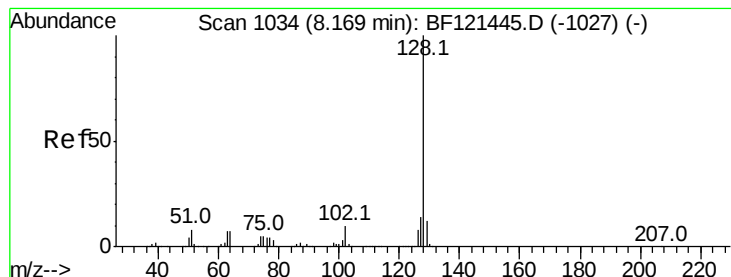


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 52.704 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

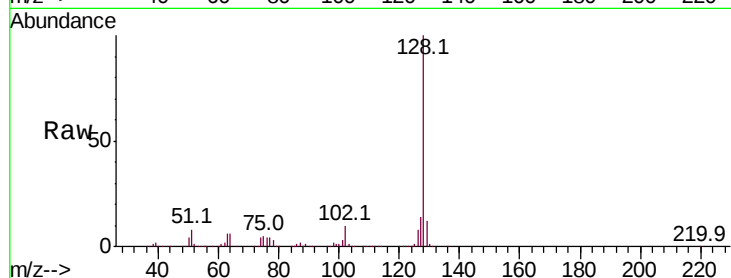
Tot Ion:128 Resp: 2876892

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

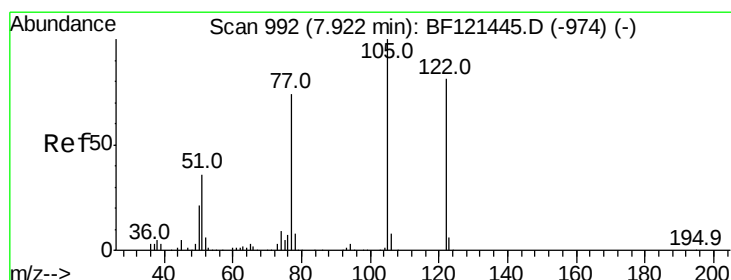
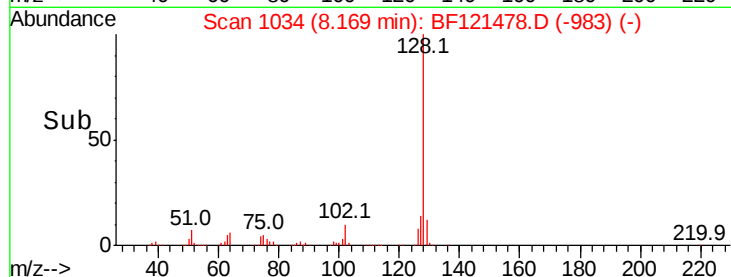
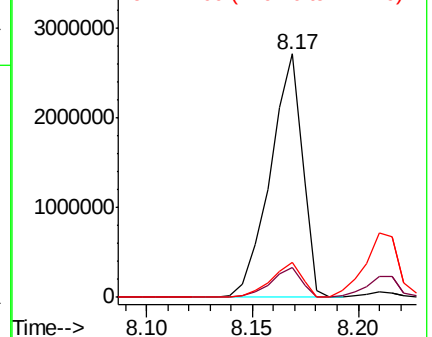
127 14.2 11.4 17.2



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: 64.411 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

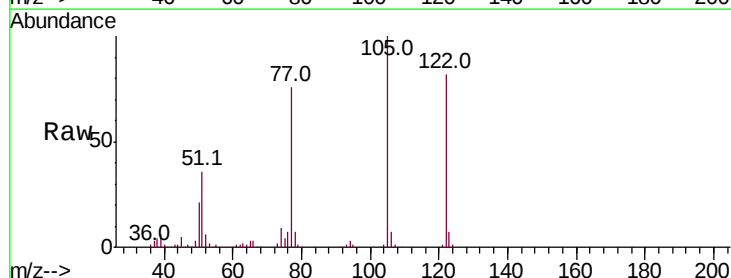
Tgt Ion:122 Resp: 711343

Ion Ratio Lower Upper

122 100

105 121.6 100.8 140.8

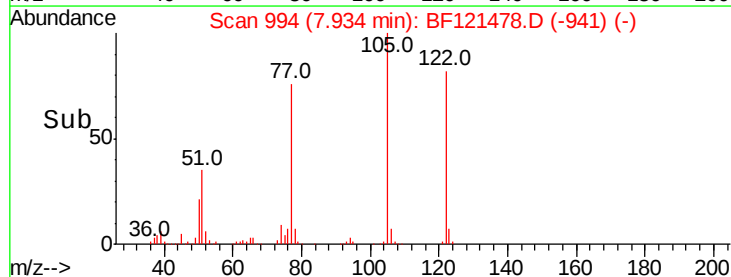
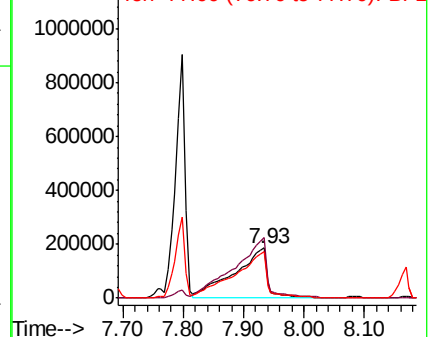
77 92.7 71.5 111.5

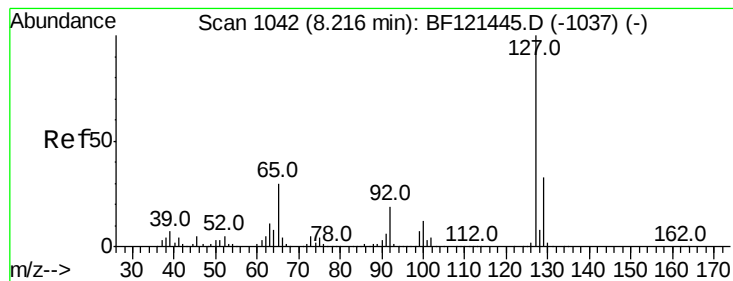


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 34.198 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

Tot Ion:127 Resp: 831416

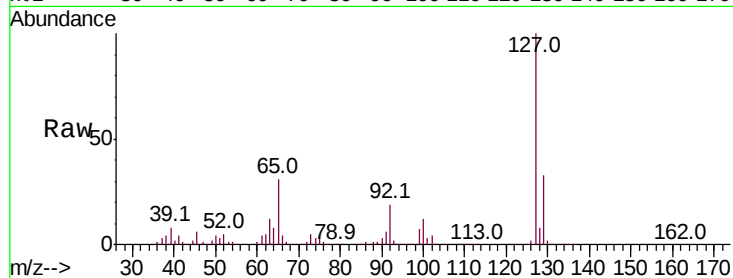
Ion Ratio Lower Upper

127 100

129 32.5 26.1 39.1

65 30.5 23.7 35.5

92 19.5 15.0 22.6

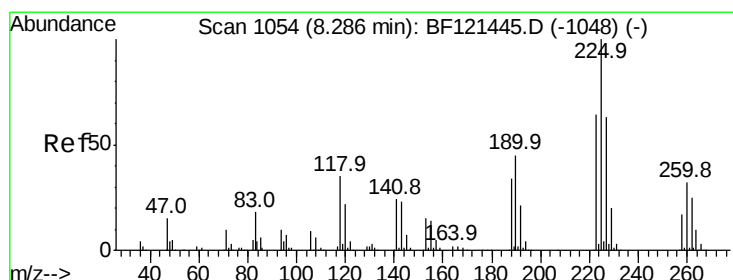
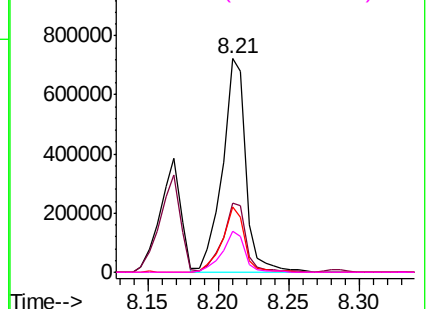
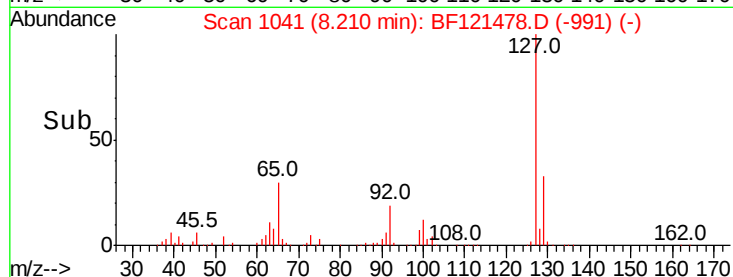


Abundance Ion 127.00 (126.70 to 127.70): E

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: 50.787 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

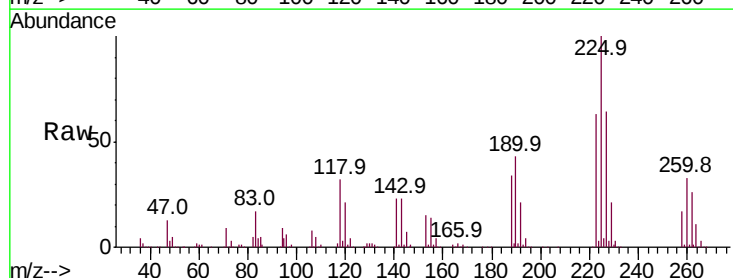
Tgt Ion:225 Resp: 548075

Ion Ratio Lower Upper

225 100

223 63.4 51.0 76.4

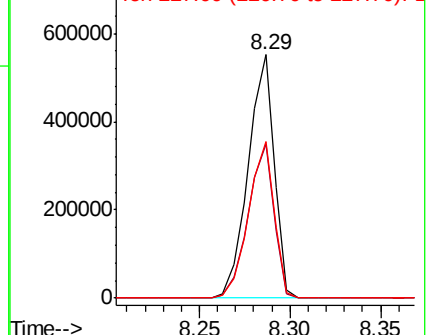
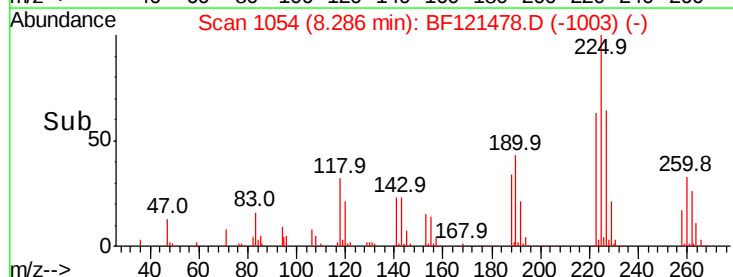
227 64.1 50.0 75.0

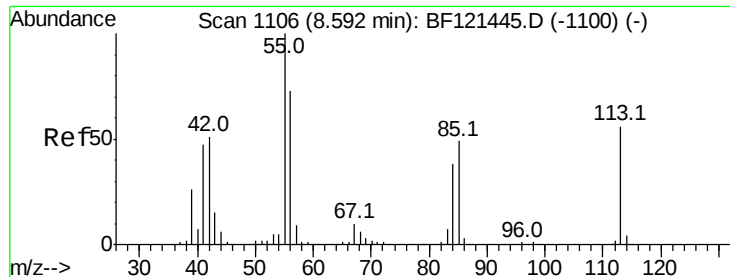


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

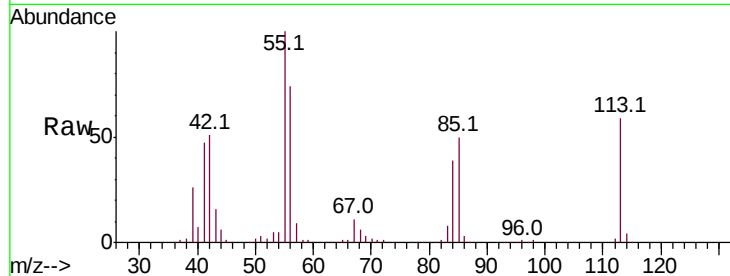




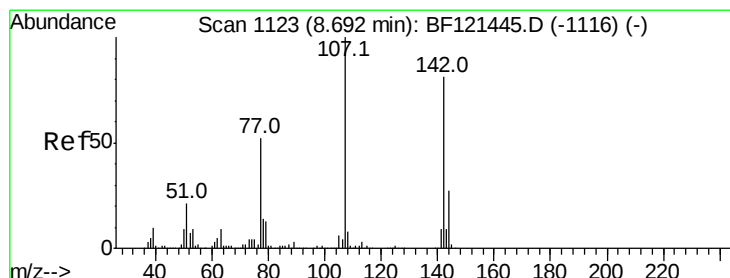
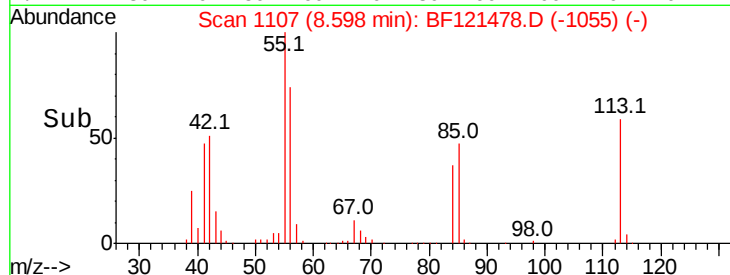
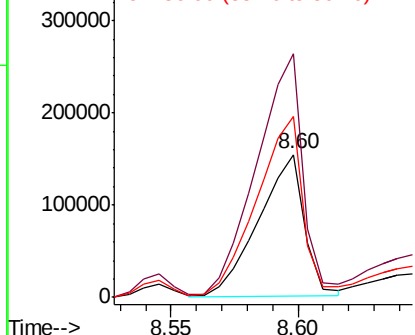
#35
 Caprolactam
 Concen: 40.154 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

Tot Ion:113 Resp: 194003
 Ion Ratio Lower Upper
 113 100
 55 170.7 159.9 199.9
 56 126.9 111.4 151.4

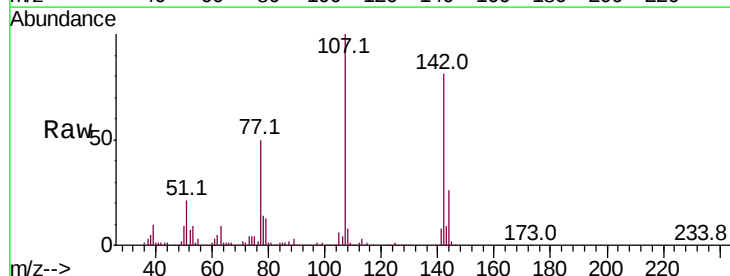


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

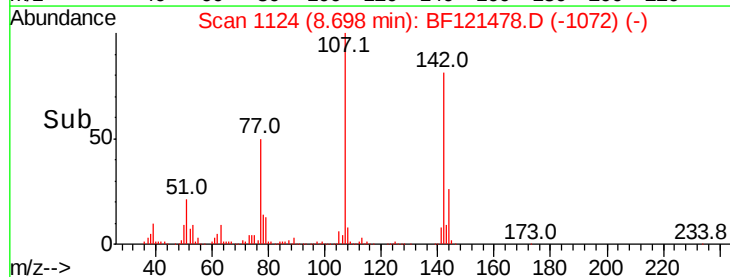
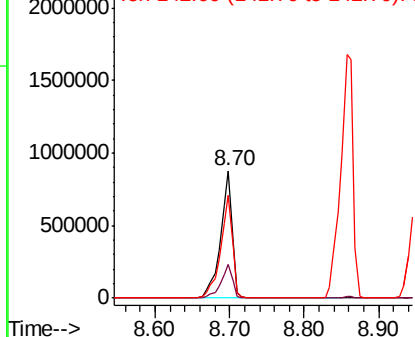


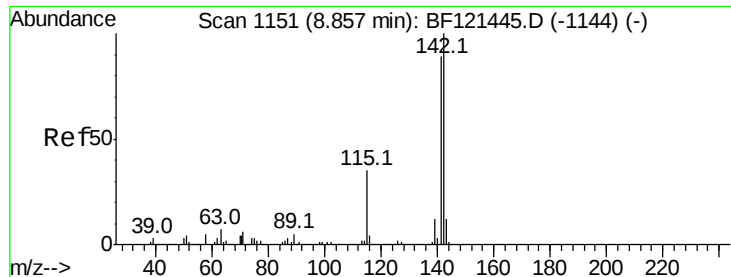
#36
 4-Chloro-3-methylphenol
 Concen: 60.077 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion:107 Resp: 938321
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.4 32.2
 142 81.2 65.0 97.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

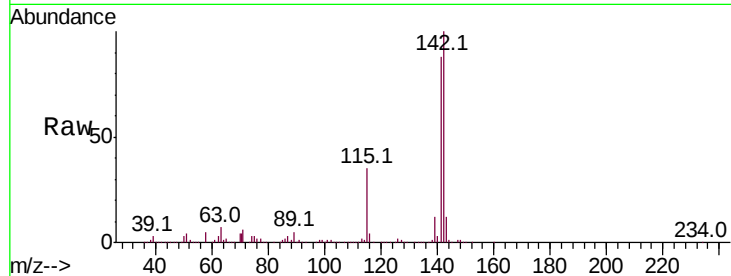




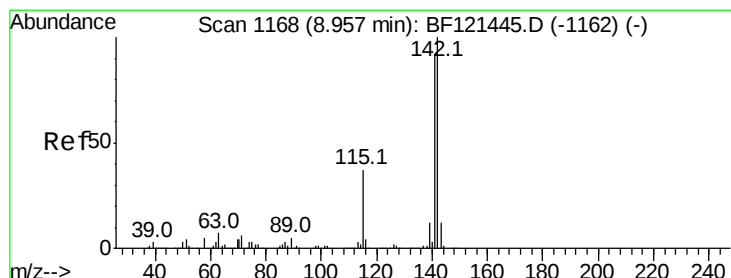
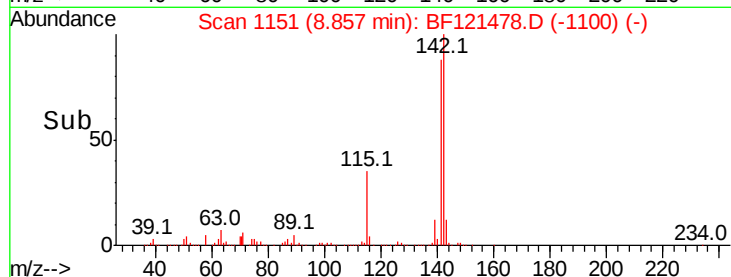
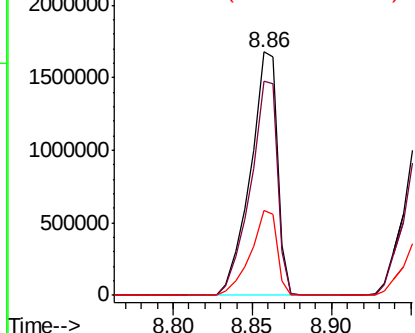
#37
2-Methylnaphthalene
Concen: 55.256 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion:142 Resp: 1998367
Ion Ratio Lower Upper
142 100
141 88.2 70.8 106.2
115 35.0 28.2 42.4

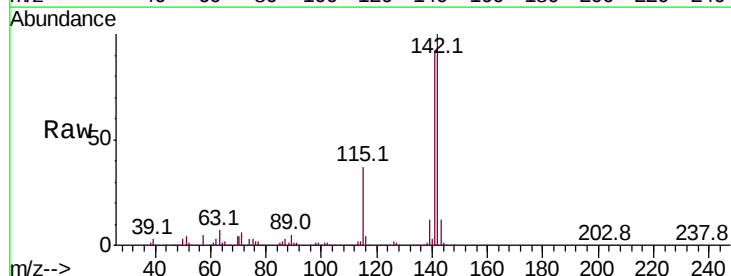


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

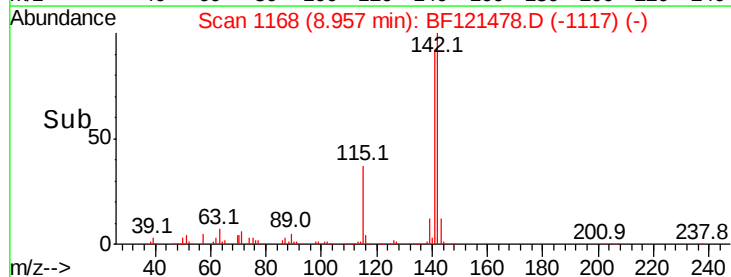
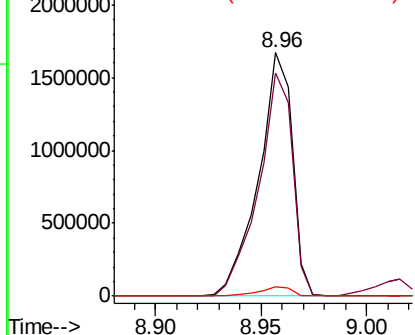


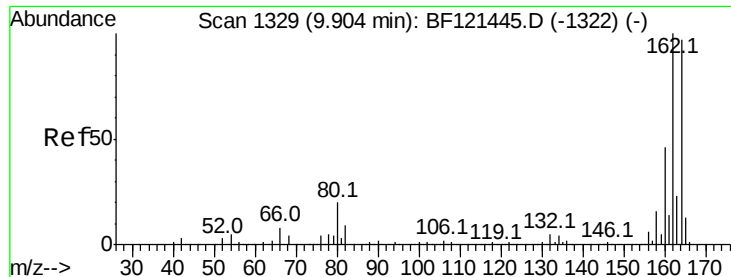
#38
1-Methylnaphthalene
Concen: 54.513 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion:142 Resp: 1861599
Ion Ratio Lower Upper
142 100
141 91.6 73.7 110.5
116 3.8 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: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

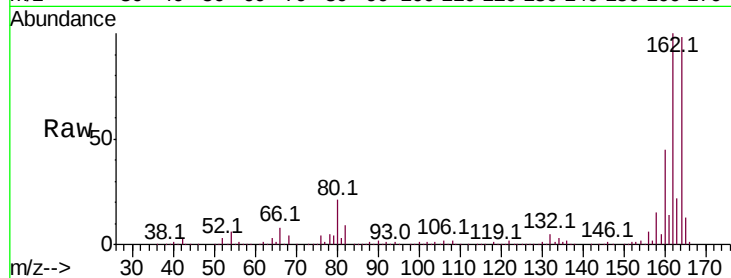
Tot Ion:164 Resp: 593260

Ion Ratio Lower Upper

164 100

162 101.6 82.4 123.6

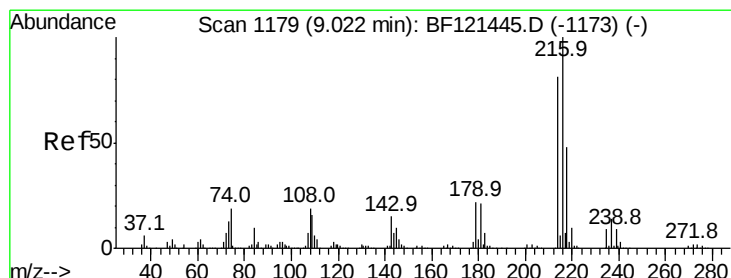
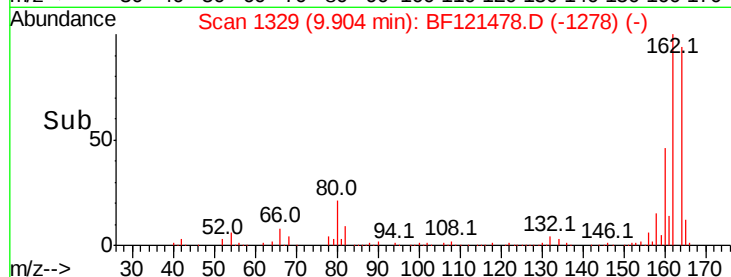
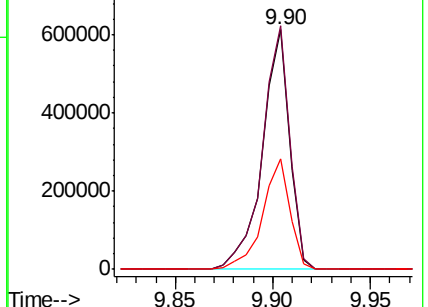
160 46.1 37.6 56.4



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: 49.906 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Tgt Ion:216 Resp: 877652

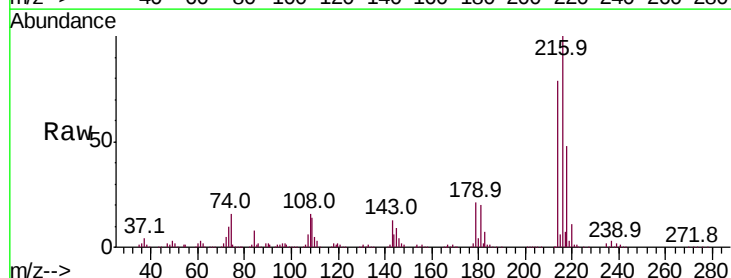
Ion Ratio Lower Upper

216 100

214 80.0 64.2 96.4

179 21.2 17.0 25.4

108 21.3 15.3 22.9

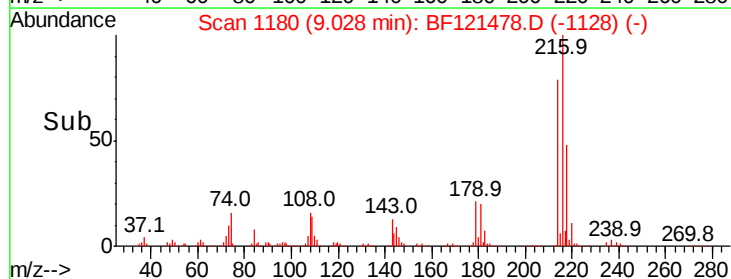
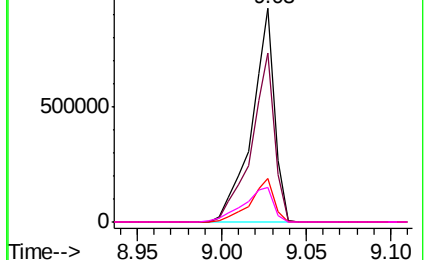


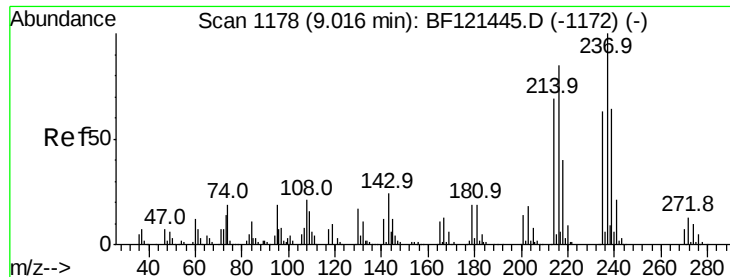
Abundance Ion 216.00 (215.70 to 216.70): E

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

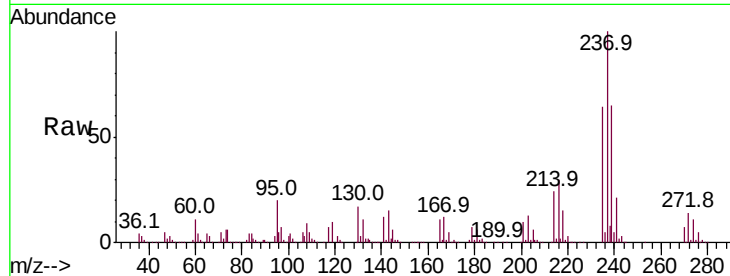




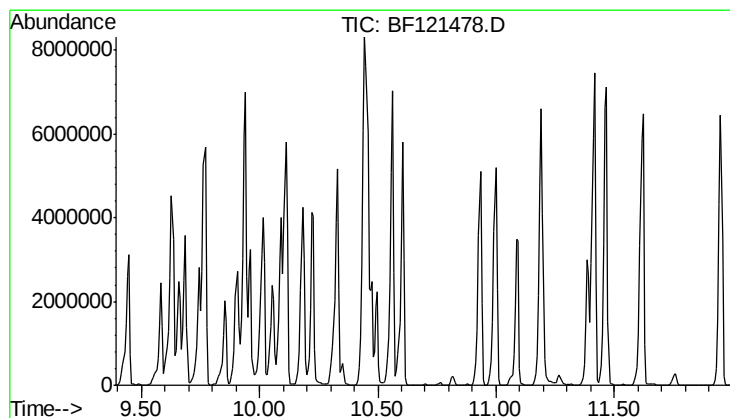
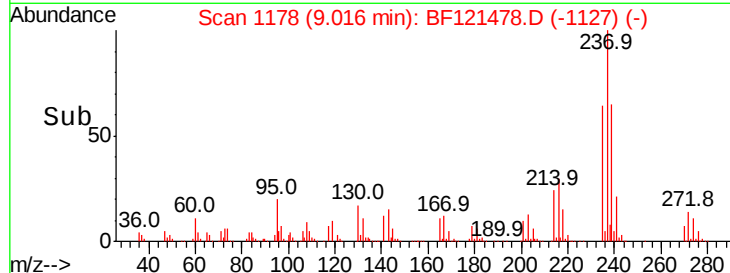
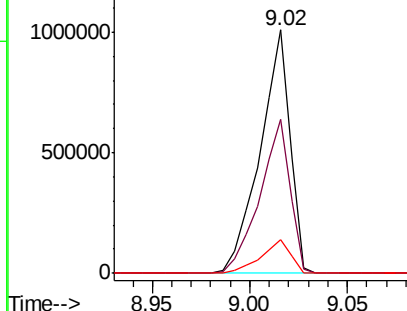
#41
Hexachlorocyclopentadiene
Concen: 145.026 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion: 237 Resp: 1072519
Ion Ratio Lower Upper
237 100
235 63.5 42.9 82.9
272 13.6 0.0 33.1



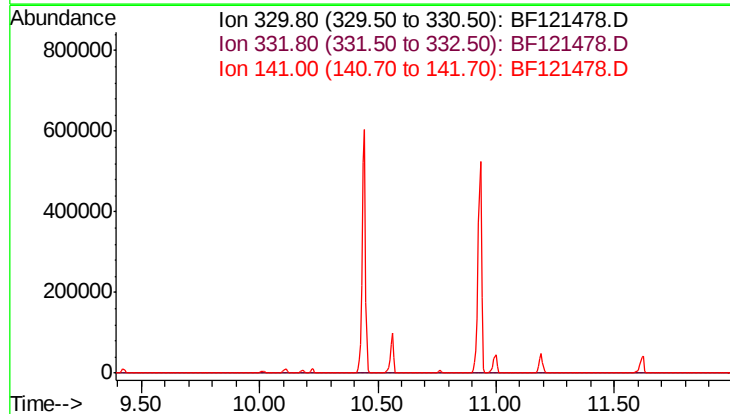
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

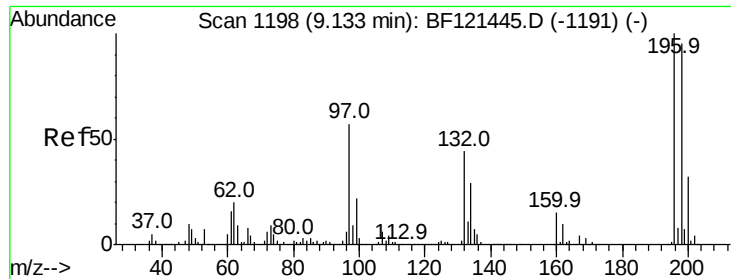


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.69 min

Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion: 330
Sig Exp Ratio
330 100
332 95.2
141 30.7

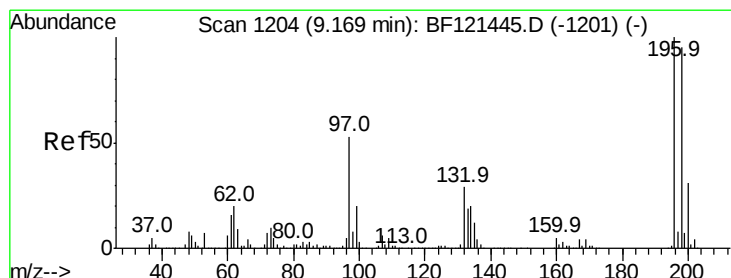
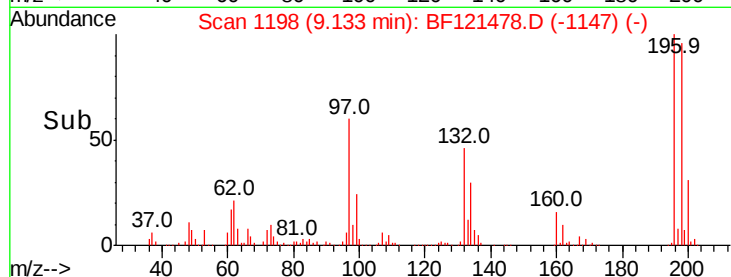
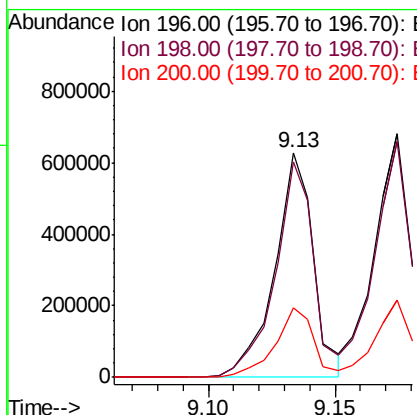
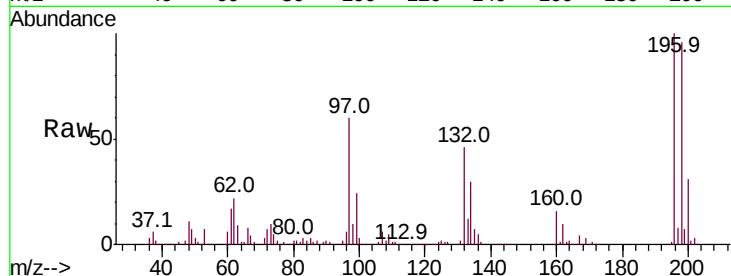




#43
 2,4,6-Trichlorophenol
 Concen: 60.296 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

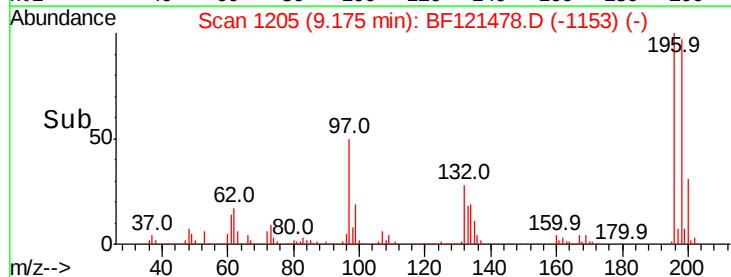
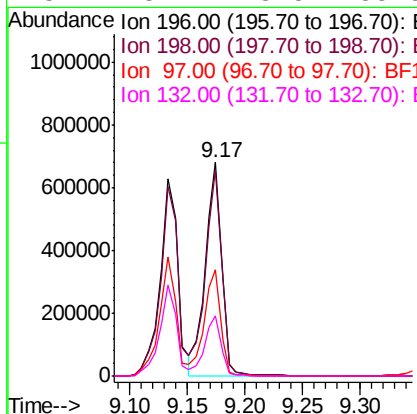
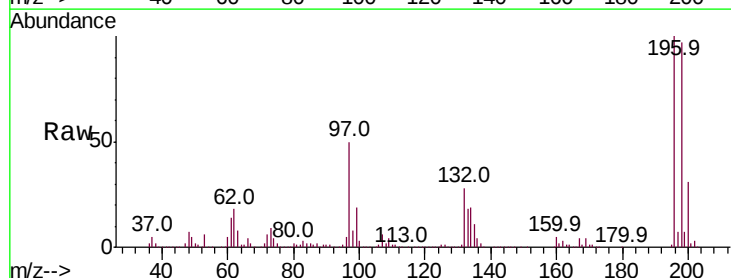
Instrument :
 BNA_F
 ClientSampleId :
 SP5251

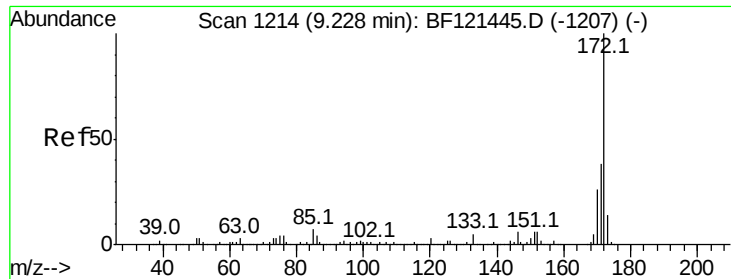
Tot	Ion:196	Resp:	670213
Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.8	113.6
200	30.7	25.3	37.9



#44
 2,4,5-Trichlorophenol
 Concen: 61.578 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt	Ion:196	Resp:	676831
Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.2	114.2
97	49.7	42.6	64.0
132	28.1	23.5	35.3

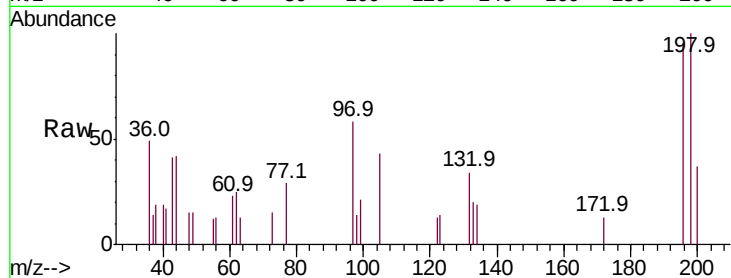




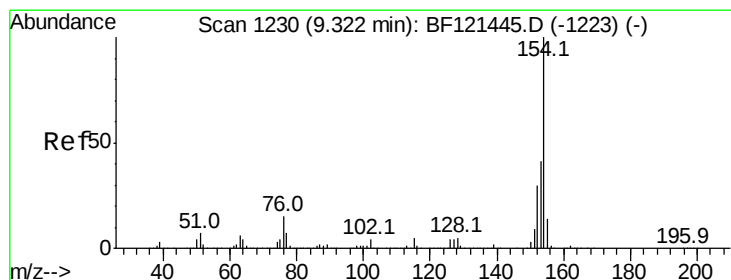
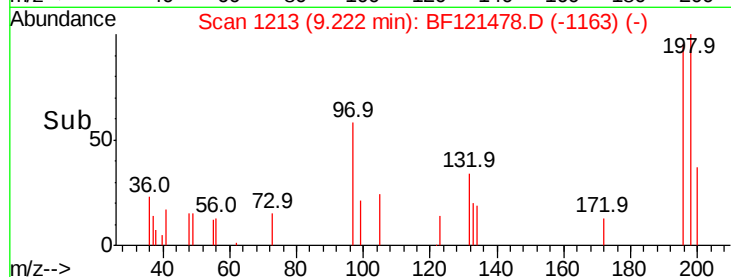
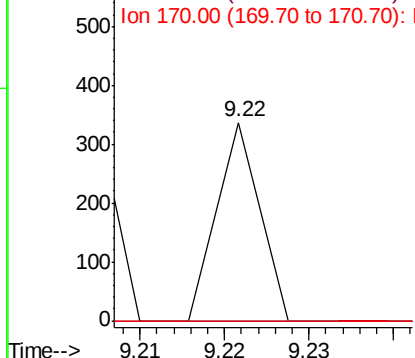
#45
 2-Fluorobiphenyl
 Concen: 0.003 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

Tot Ion:172 Resp: 119
 Ion Ratio Lower Upper
 172 100
 171 0.0 30.6 45.8#
 170 0.0 20.6 31.0#

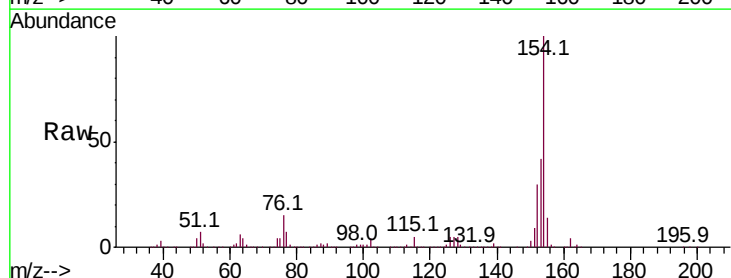


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

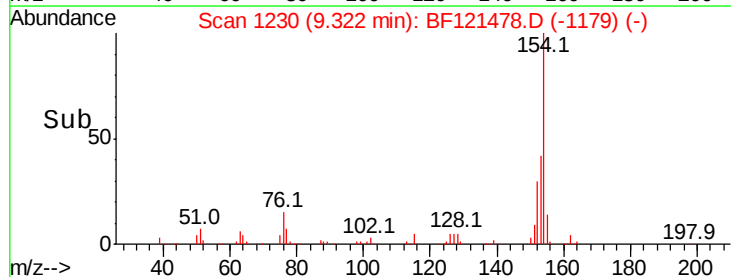
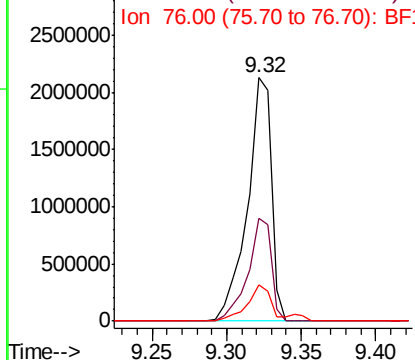


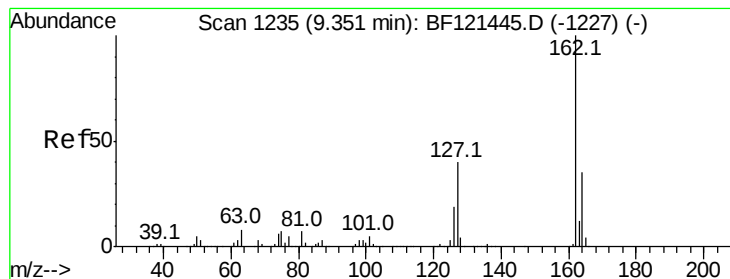
#46
 1,1'-Biphenyl
 Concen: 52.720 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion:154 Resp: 2360134
 Ion Ratio Lower Upper
 154 100
 153 42.4 21.2 61.2
 76 15.1 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





#47

2-Chloronaphthalene

Concen: 49.696 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

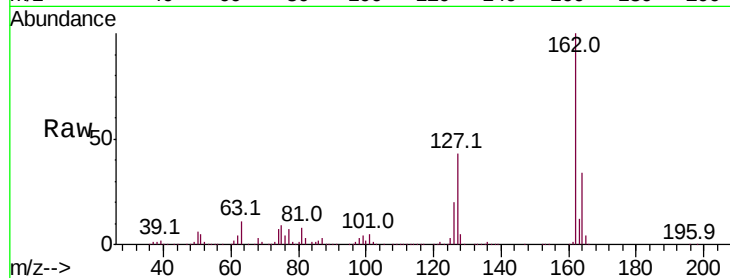
Tot Ion:162 Resp: 1828655

Ion Ratio Lower Upper

162 100

127 43.2 32.6 48.8

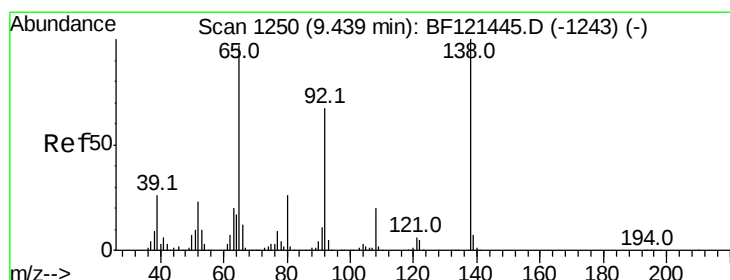
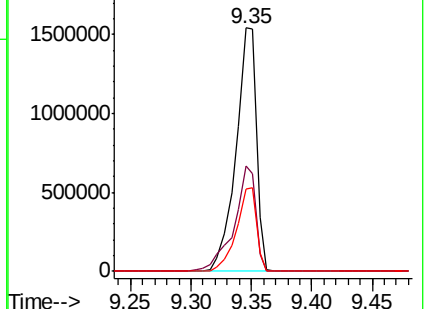
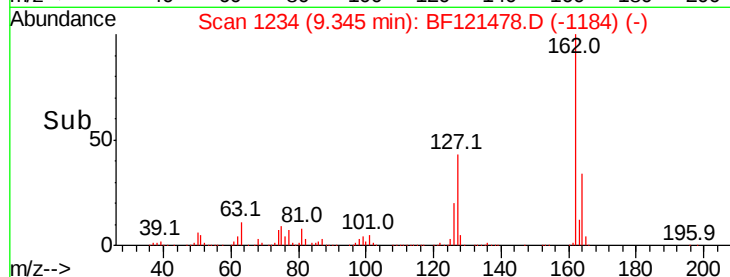
164 33.8 27.8 41.6



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: 56.418 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

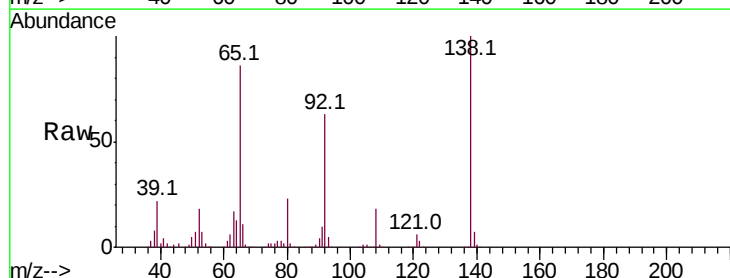
Tgt Ion: 65 Resp: 596661

Ion Ratio Lower Upper

65 100

92 73.1 55.6 83.4

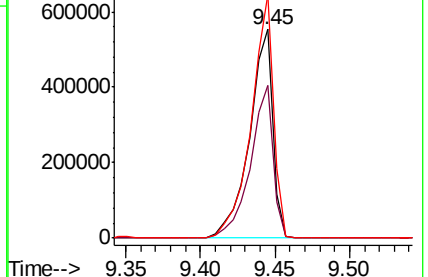
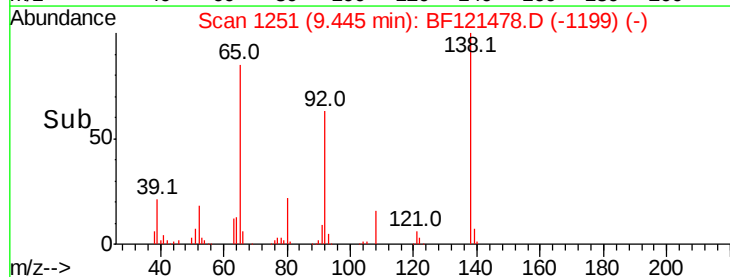
138 116.5 82.9 124.3

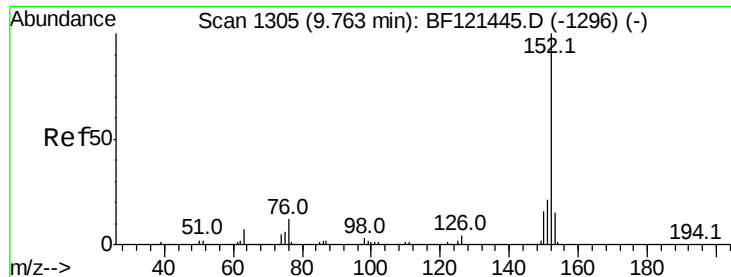


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 52.589 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

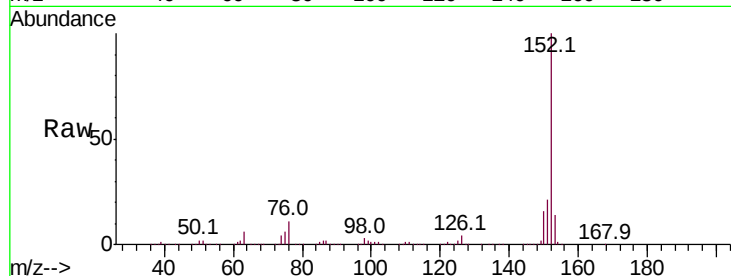
Tot Ion:152 Resp: 2902603

Ion Ratio Lower Upper

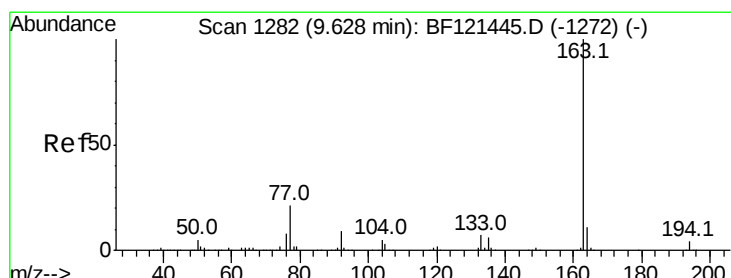
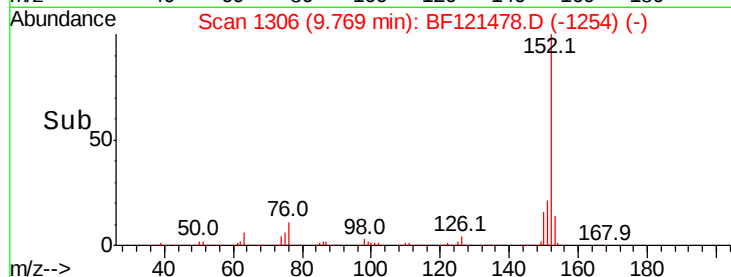
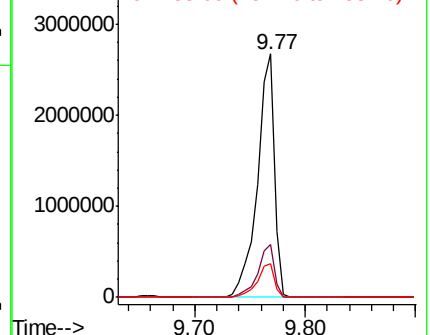
152 100

151 21.5 17.2 25.8

153 14.0 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: 54.528 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

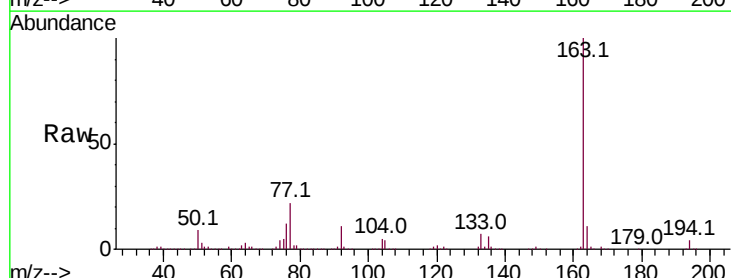
Tgt Ion:163 Resp: 2222097

Ion Ratio Lower Upper

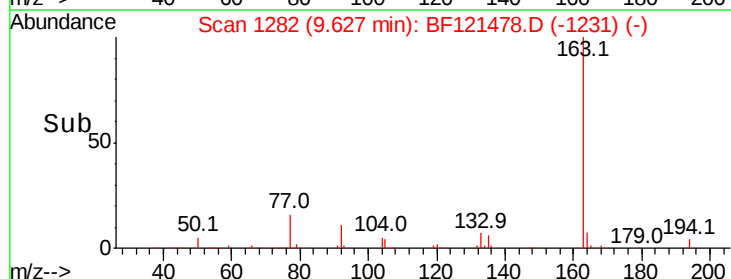
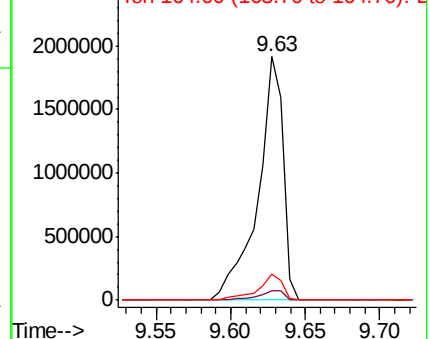
163 100

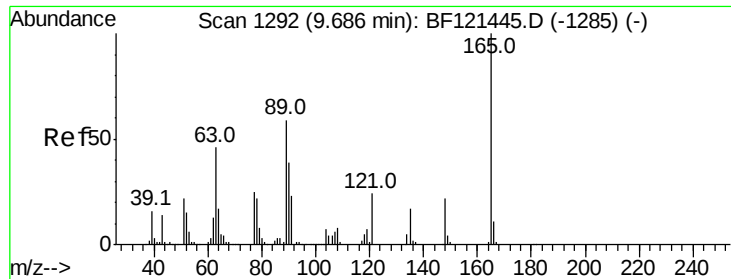
194 4.0 3.3 4.9

164 10.9 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

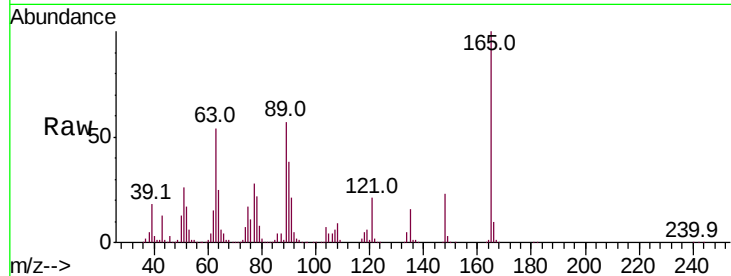




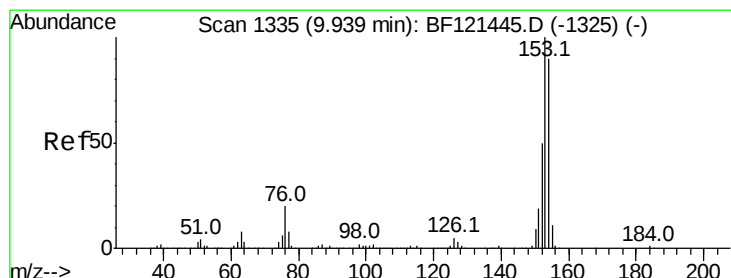
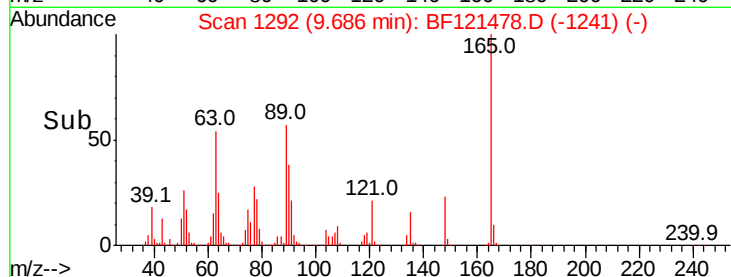
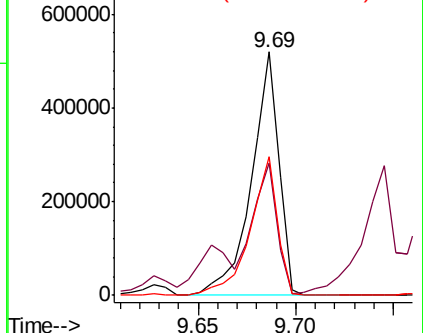
#51
 2,6-Dinitrotoluene
 Concen: 63.767 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

Tot Ion:165 Resp: 505612
 Ion Ratio Lower Upper
 165 100
 63 54.1 43.6 65.4
 89 56.8 47.4 71.2

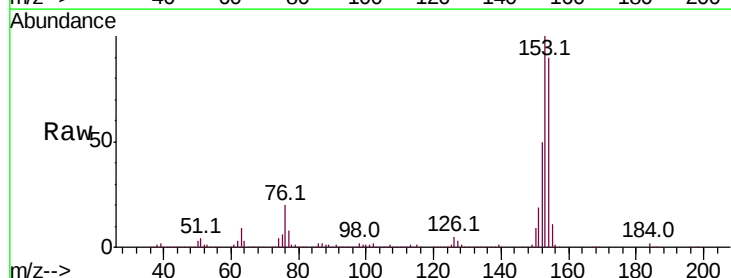


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

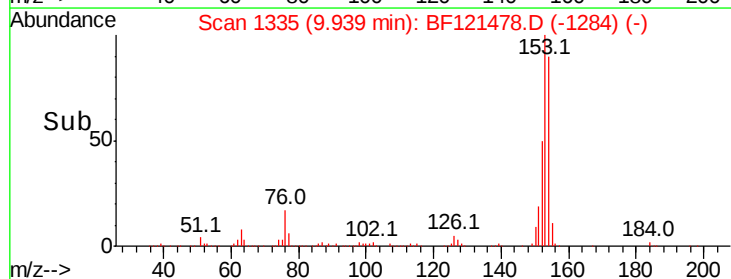
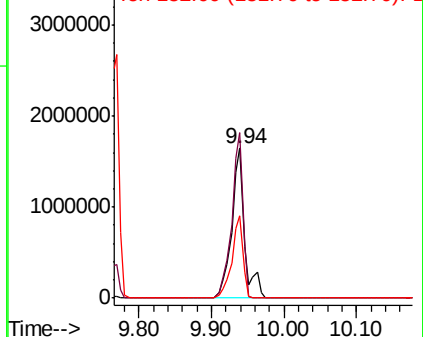


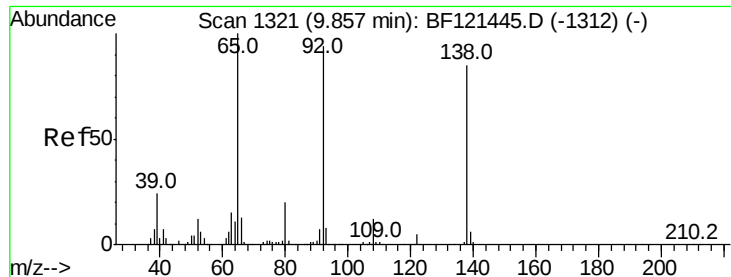
#52
 Acenaphthene
 Concen: 57.870 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion:154 Resp: 2016840
 Ion Ratio Lower Upper
 154 100
 153 110.6 88.9 133.3
 152 55.4 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

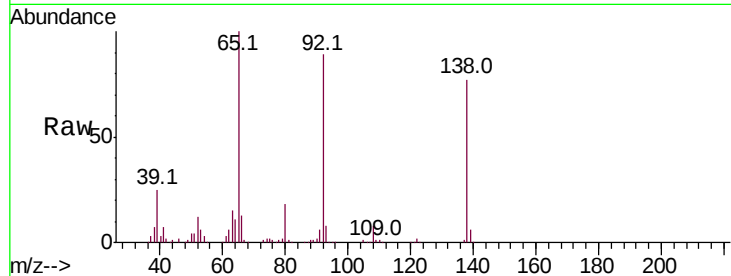




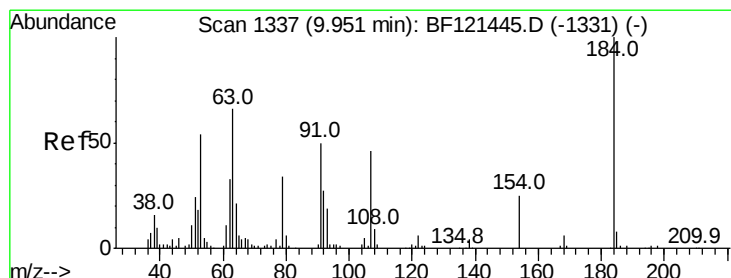
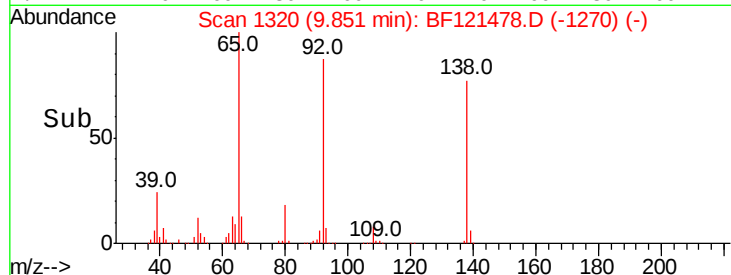
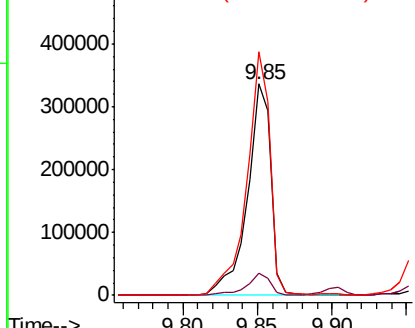
#53
3-Nitroaniline
Concen: 38.573 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion:138 Resp: 363592
Ion Ratio Lower Upper
138 100
108 10.5 11.6 17.4#
92 115.3 88.6 132.8

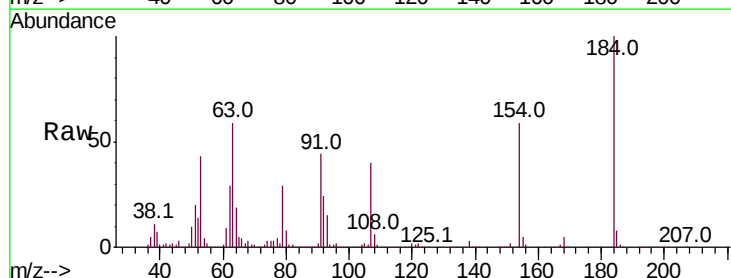


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

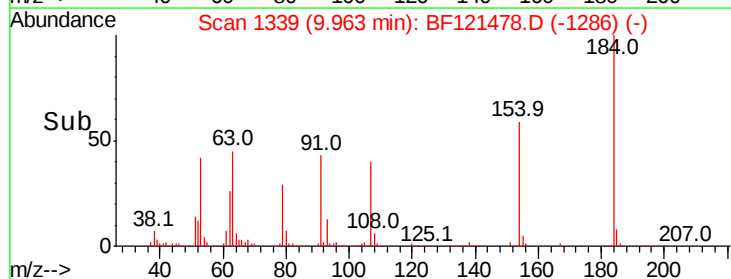
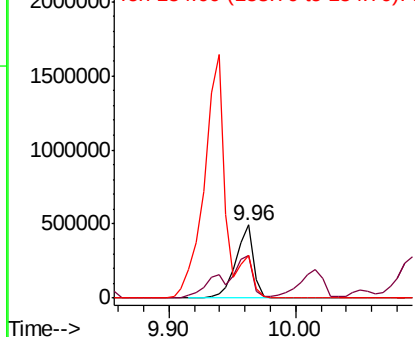


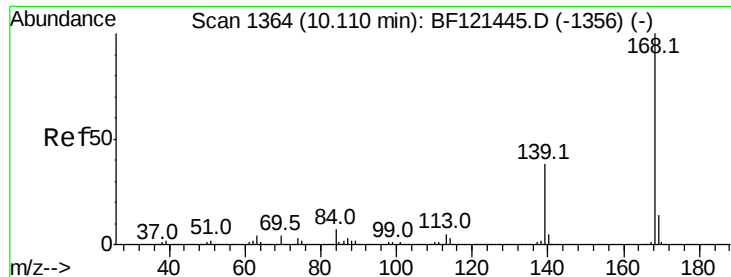
#54
2,4-Dinitrophenol
Concen: 104.726 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion:184 Resp: 473275
Ion Ratio Lower Upper
184 100
63 58.5 56.8 85.2
154 58.7 55.9 83.9



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

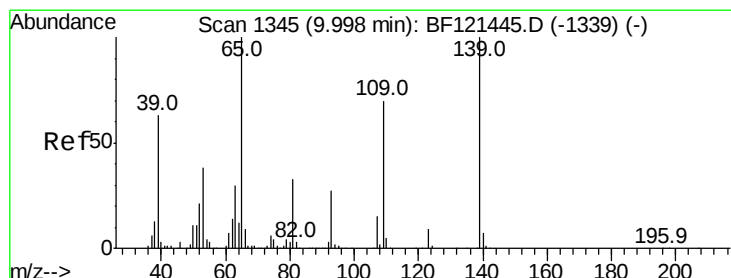
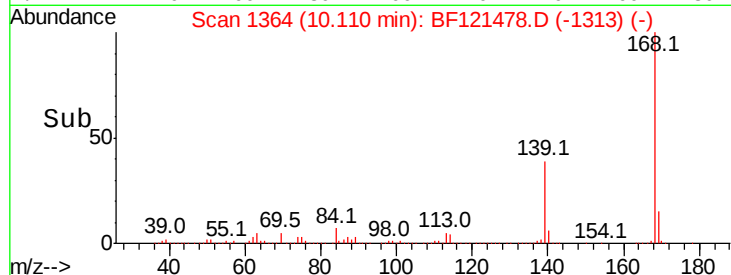
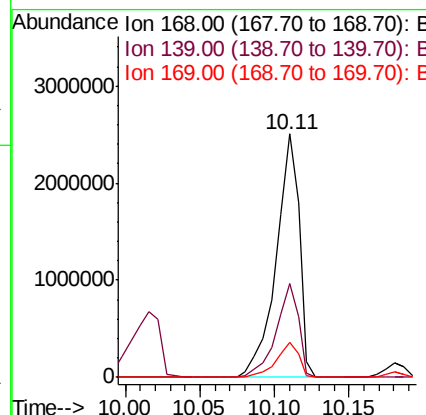
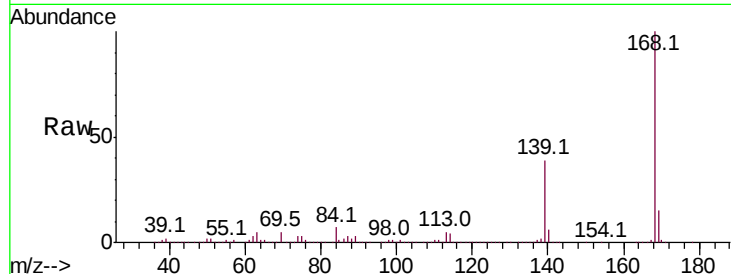




#55
Dibenzofuran
Concen: 53.154 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

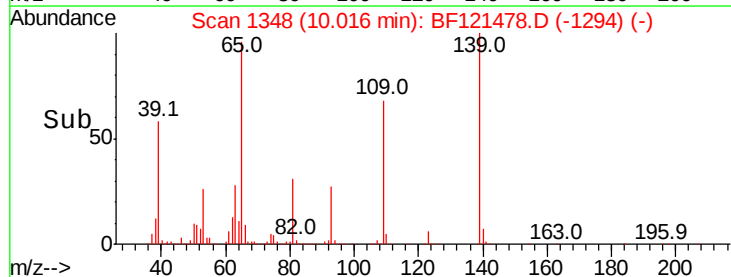
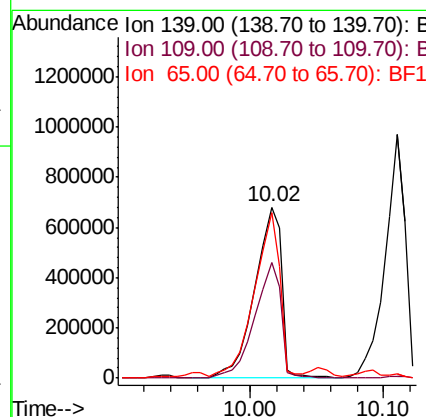
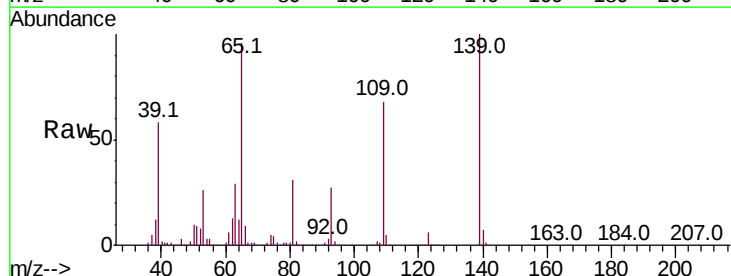
Instrument :
BNA_F
ClientSampleId :
SP5251

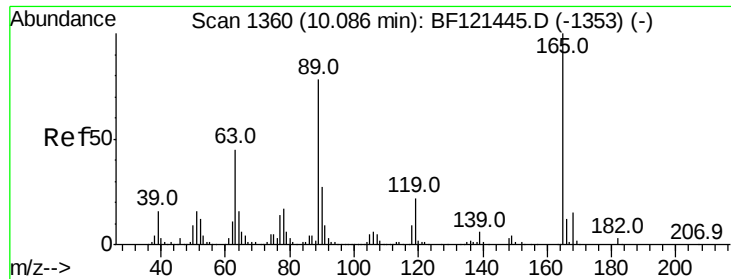
Tot Ion:168 Resp: 2690987
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 14.5 11.2 16.8



#56
4-Nitrophenol
Concen: 114.797 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion:139 Resp: 933069
Ion Ratio Lower Upper
139 100
109 67.7 50.5 90.5
65 96.4 80.2 120.2



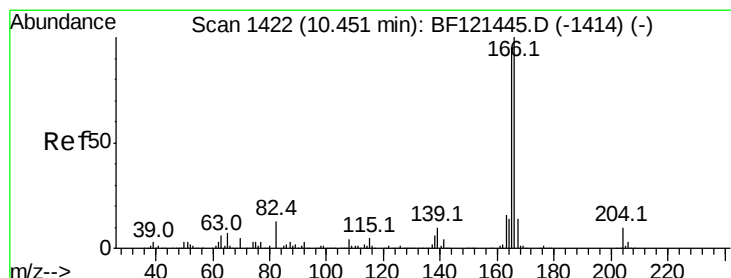
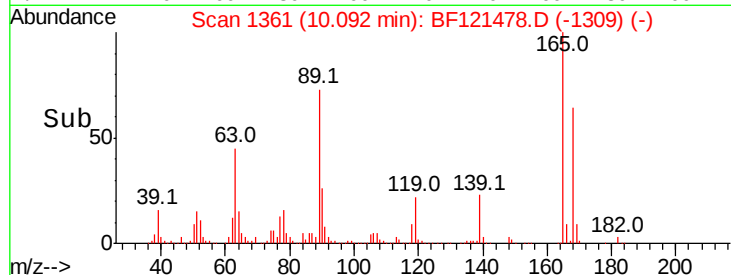
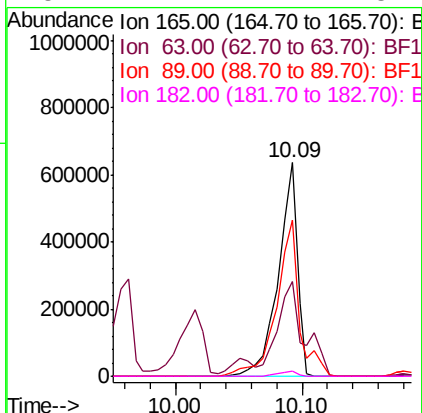
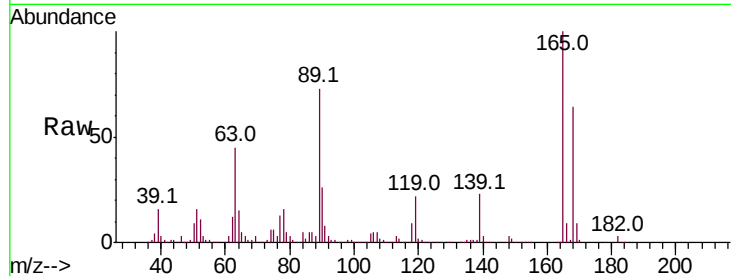


#57
 2,4-Dinitrotoluene
 Concen: 66.919 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampled :
 SP5251

Tot Ion:165 Resp: 660963

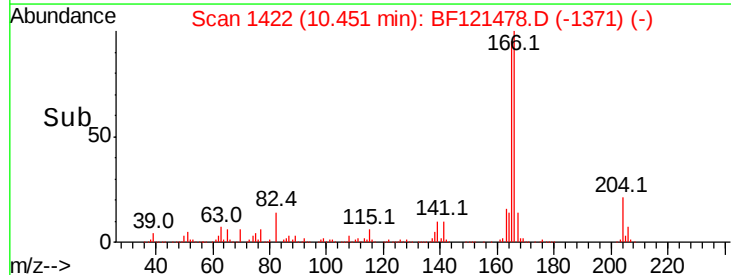
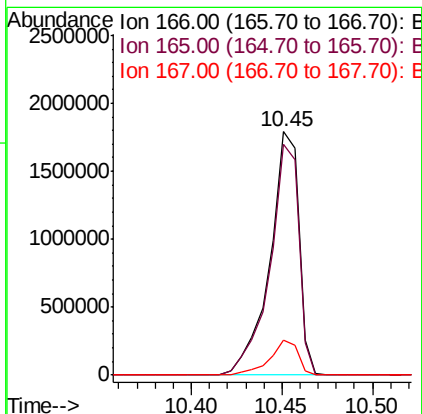
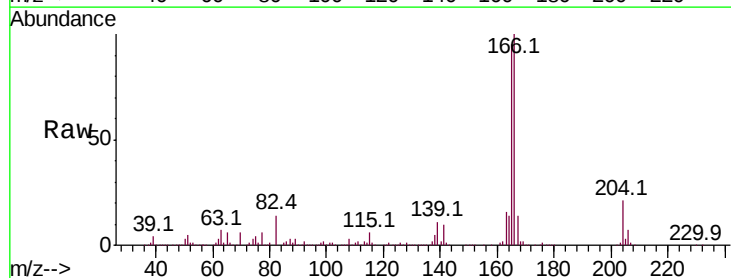
Ion	Ratio	Lower	Upper
165	100		
63	44.6	36.0	54.0
89	72.8	62.6	93.8
182	2.7	2.2	3.2

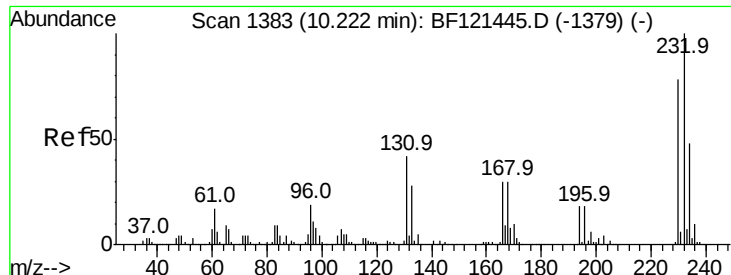


#58
 Fluorene
 Concen: 52.317 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion:166 Resp: 1996647

Ion	Ratio	Lower	Upper
166	100		
165	95.0	75.7	113.5
167	14.2	11.1	16.7

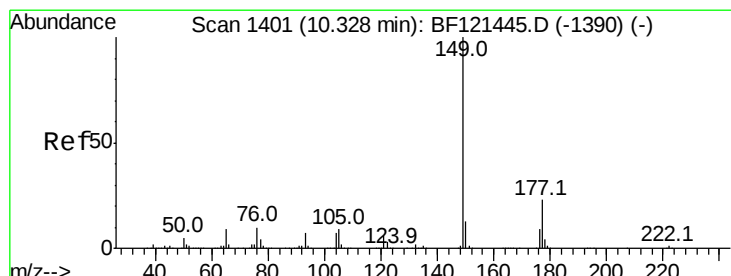
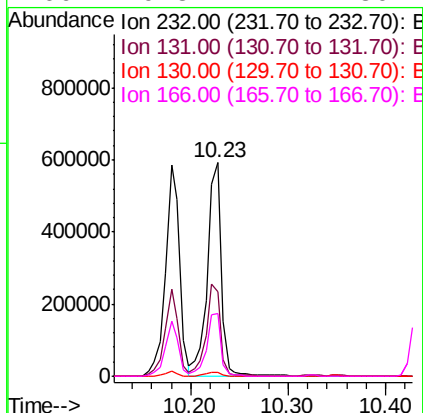
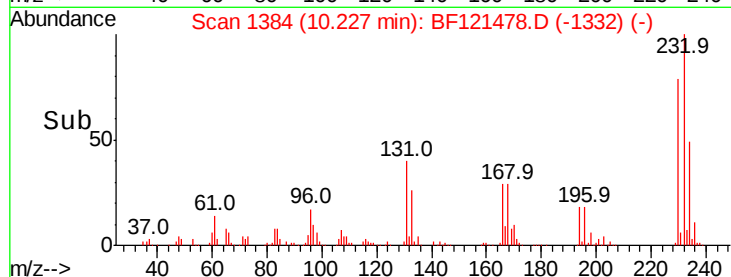
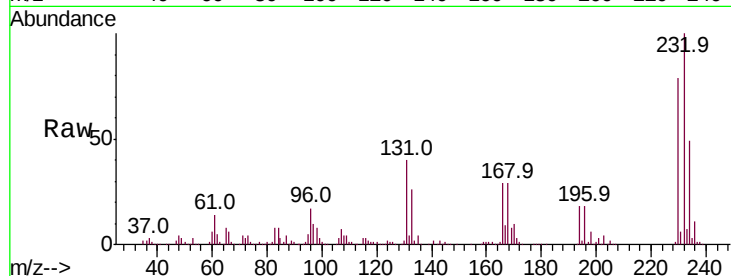




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 64.509 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

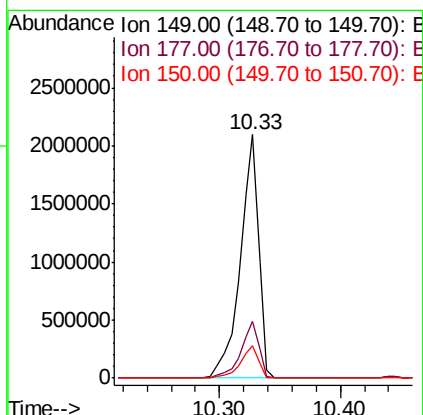
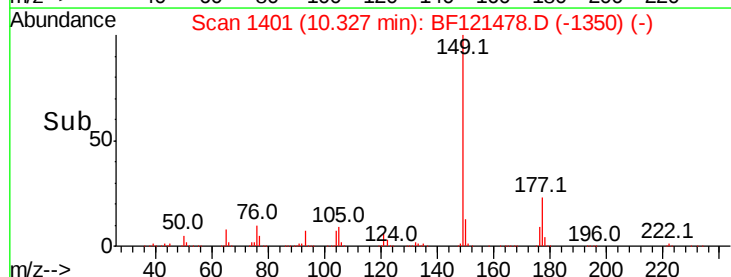
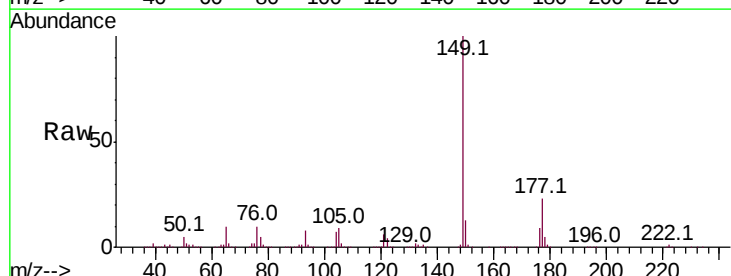
Instrument :
 BNA_F
 ClientSampleId :
 SP5251

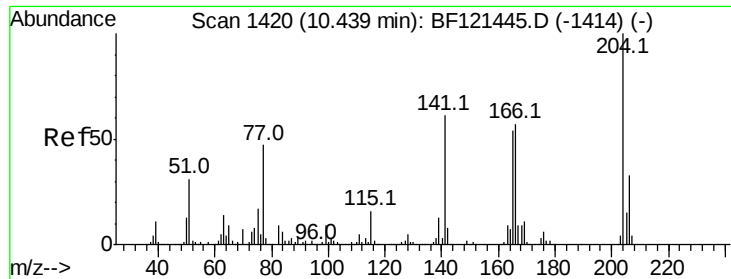
Tot Ion:232 Resp: 590325
 Ion Ratio Lower Upper
 232 100
 131 43.5 35.7 53.5
 130 2.2 1.8 2.6
 166 29.8 24.1 36.1



#60
 Diethylphthalate
 Concen: 54.229 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion:149 Resp: 2220260
 Ion Ratio Lower Upper
 149 100
 177 23.5 18.3 27.5
 150 13.3 10.4 15.6

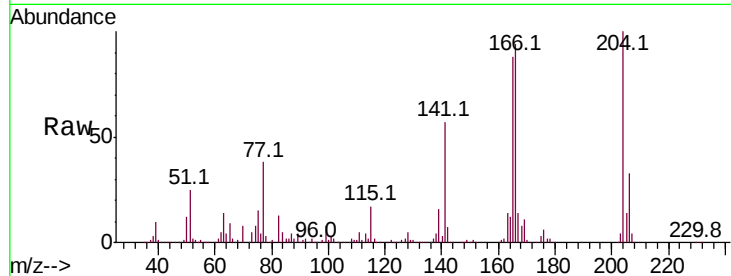




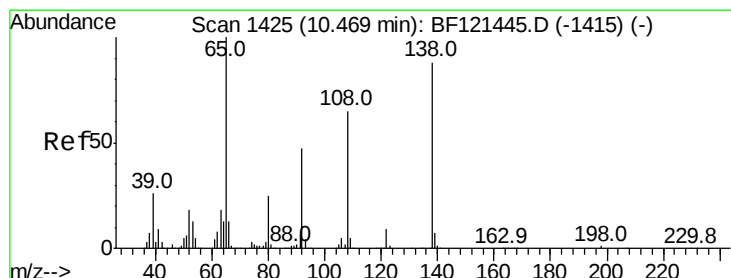
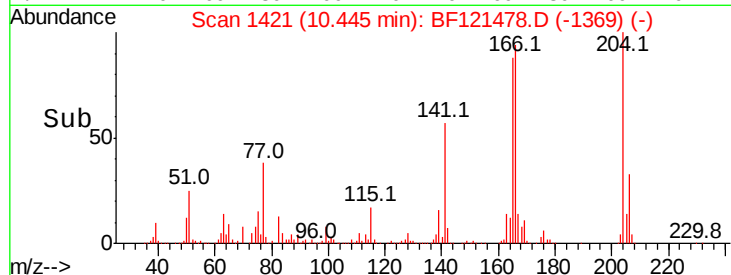
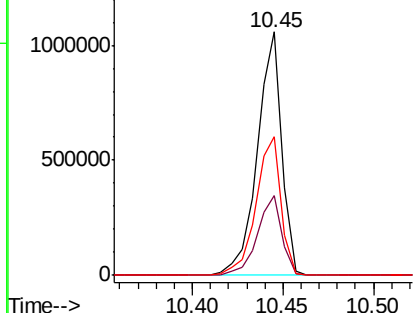
#61
 4-Chlorophenyl-phenylether
 Concen: 51.725 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampleID :
 SP5251

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	57.1	48.7	73.1

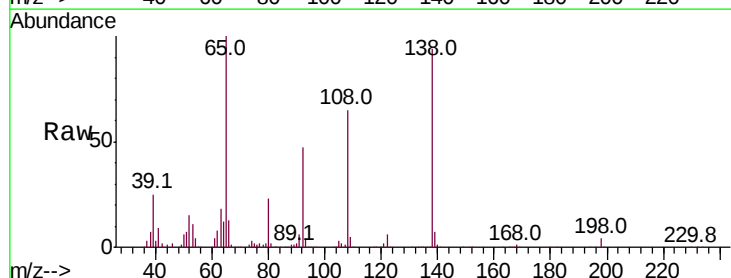


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

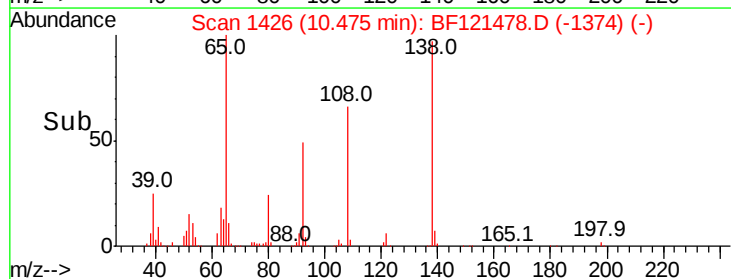
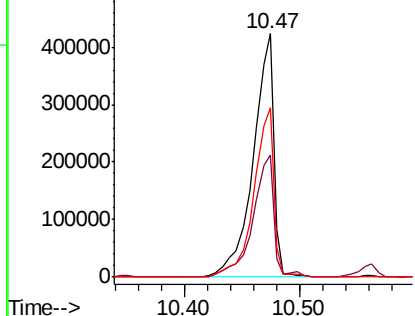


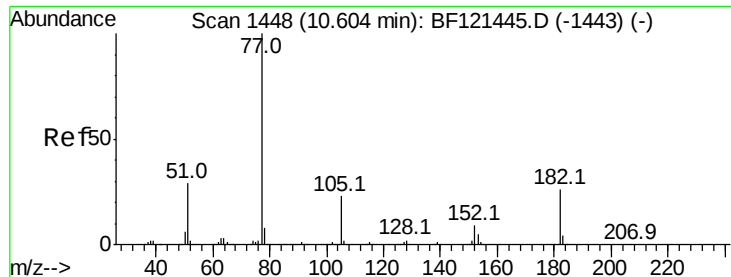
#62
 4-Nitroaniline
 Concen: 52.791 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	33.2	73.2
108	69.6	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: 52.814 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

Tot Ion: 77 Resp: 2138334

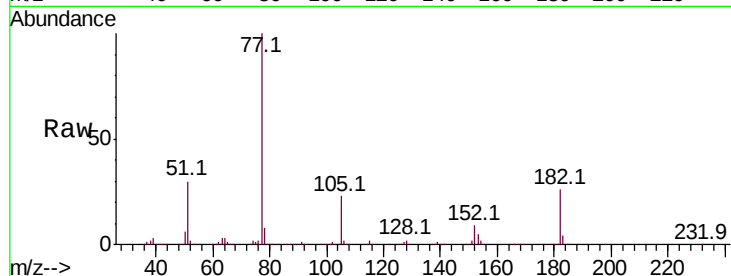
Ion Ratio Lower Upper

77 100

182 26.1 6.2 46.2

105 23.2 3.3 43.3

51 29.5 9.5 49.5

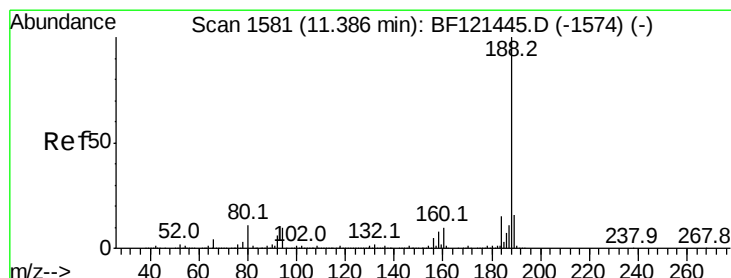
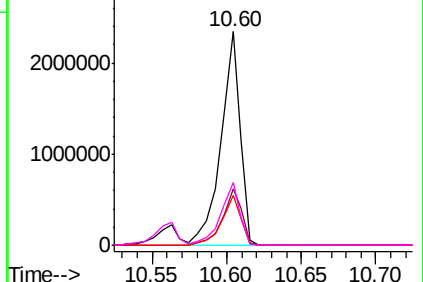
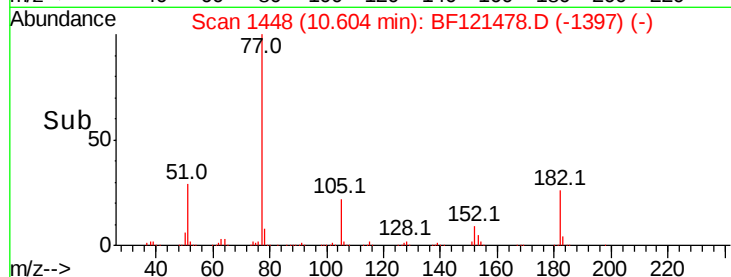


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

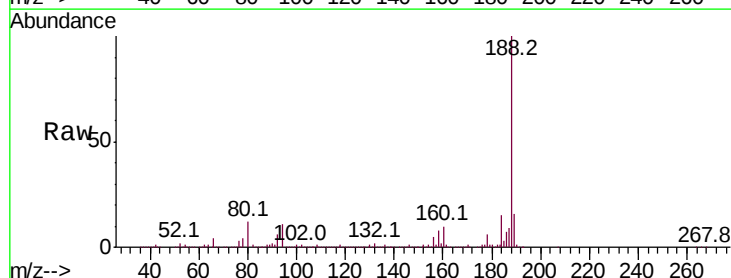
Tgt Ion: 188 Resp: 1132538

Ion Ratio Lower Upper

188 100

94 10.9 8.3 12.5

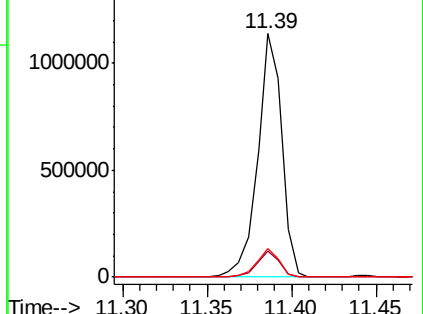
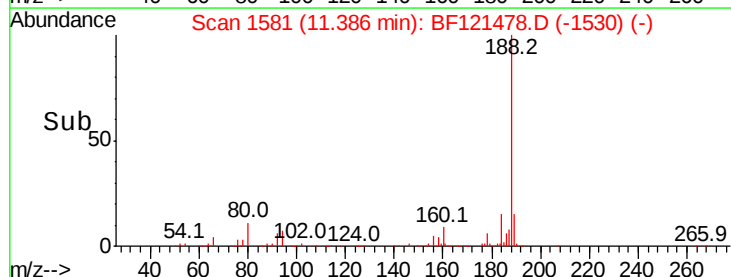
80 11.7 8.6 13.0

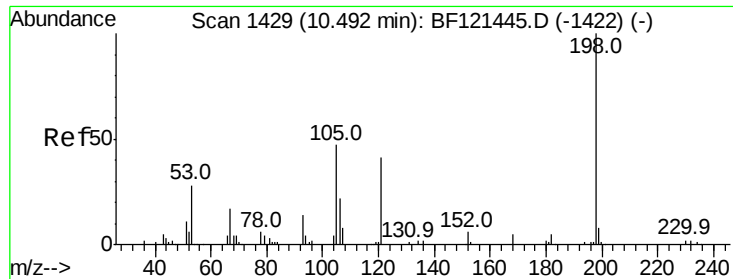


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 70.940 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampled :

SP5251

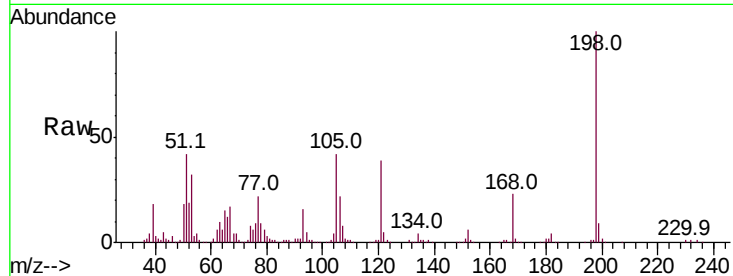
Tot Ion:198 Resp: 305679

Ion Ratio Lower Upper

198 100

51 41.9 29.0 69.0

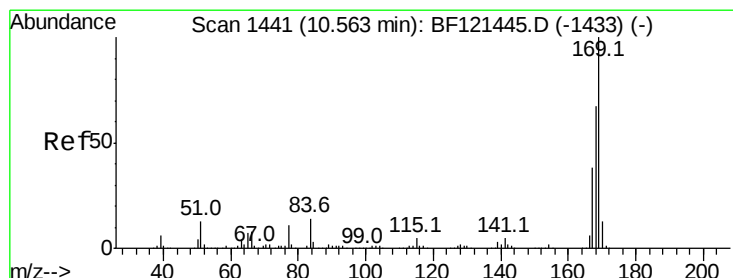
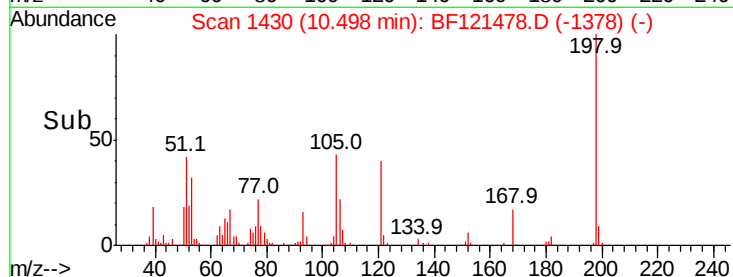
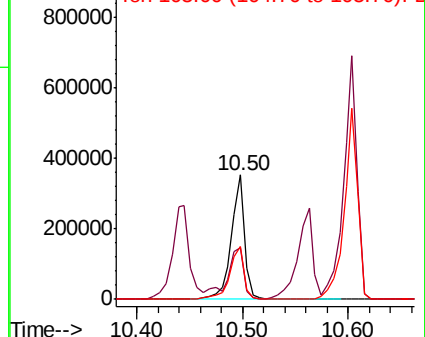
105 42.1 29.1 69.1



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: 52.365 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

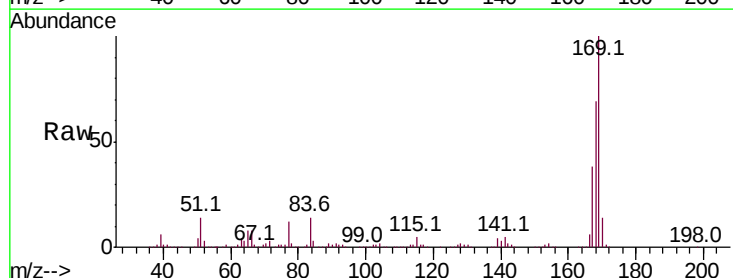
Tgt Ion:169 Resp: 1875686

Ion Ratio Lower Upper

169 100

168 68.5 54.0 81.0

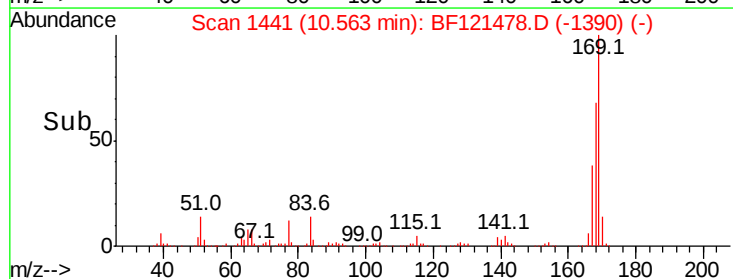
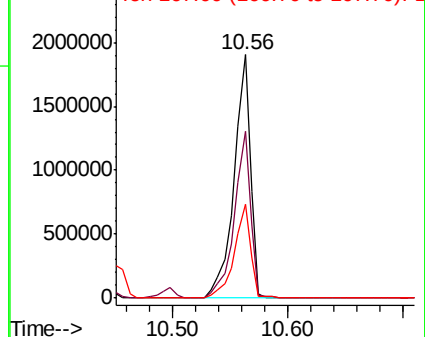
167 38.3 30.2 45.2

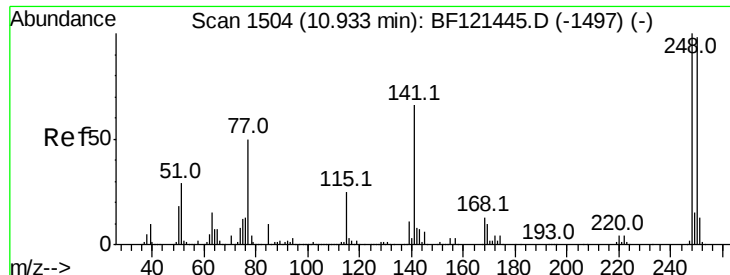


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

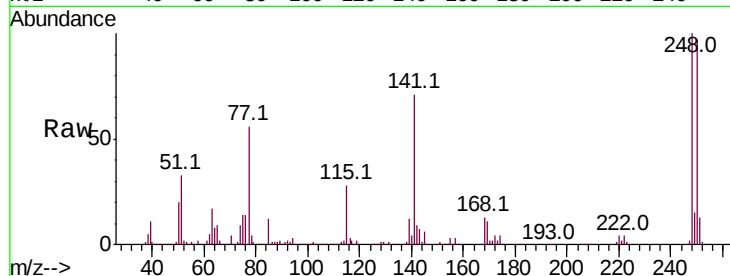




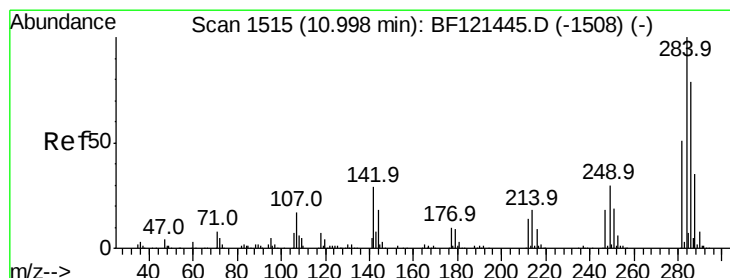
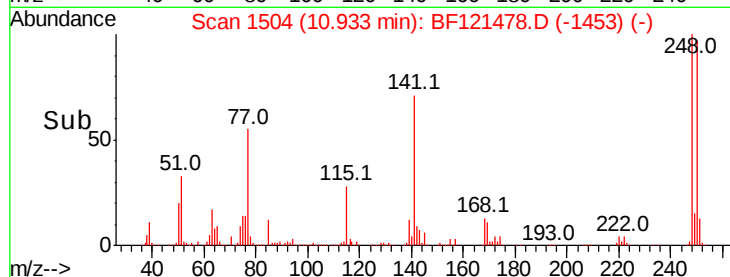
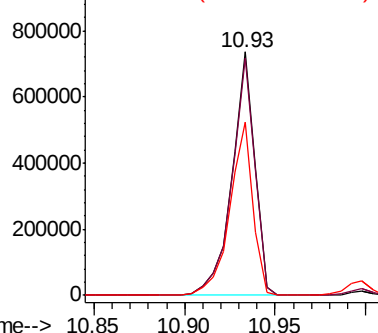
#67
 4-Bromophenyl-phenylether
 Concen: 51.979 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

Tot Ion:248 Resp: 647607
 Ion Ratio Lower Upper
 248 100
 250 97.5 78.7 118.1
 141 71.1 52.6 78.8

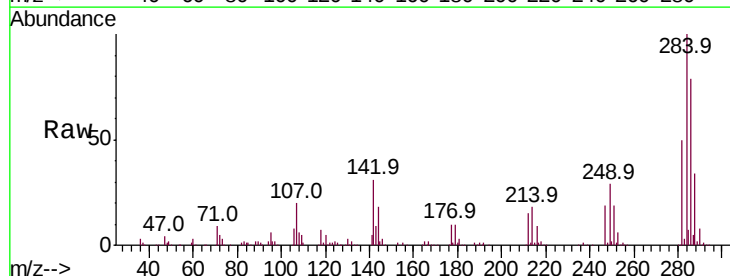


Abundance Ion 248.00 (247.70 to 248.70): E
 1000000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

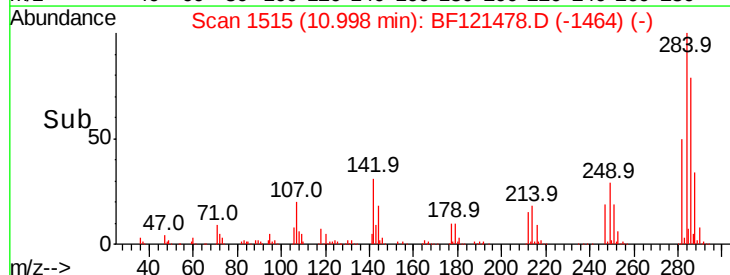
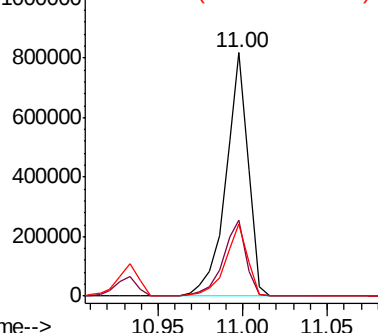


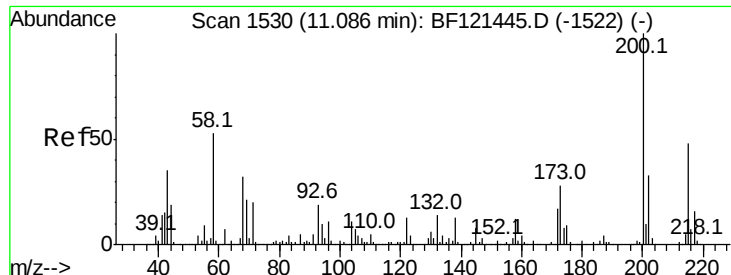
#68
 Hexachlorobenzene
 Concen: 51.588 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion:284 Resp: 751596
 Ion Ratio Lower Upper
 284 100
 142 31.0 23.4 35.0
 249 29.4 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E
 1000000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

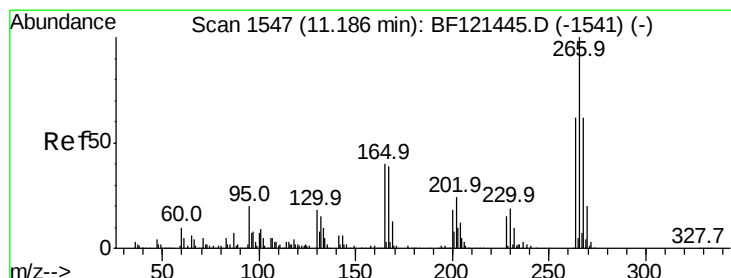
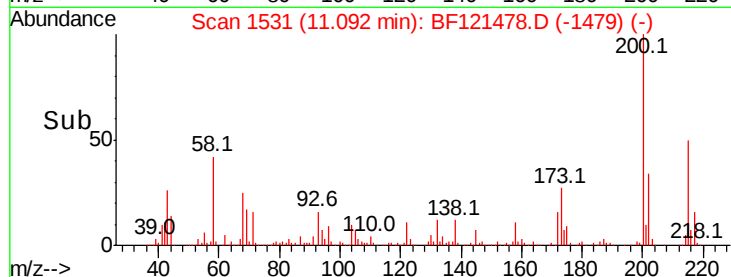
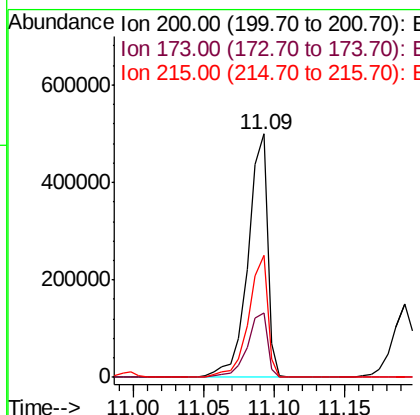
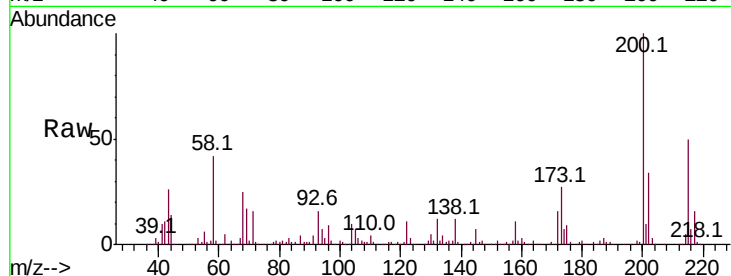




#69
 Atrazine
 Concen: 46.759 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

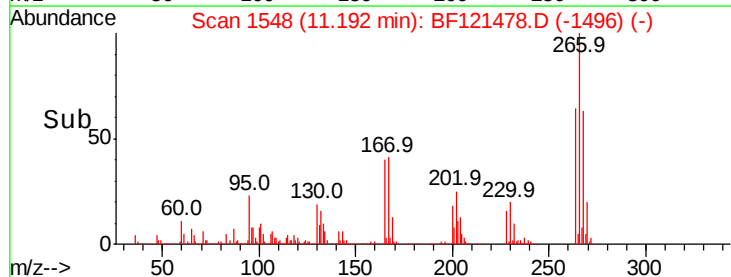
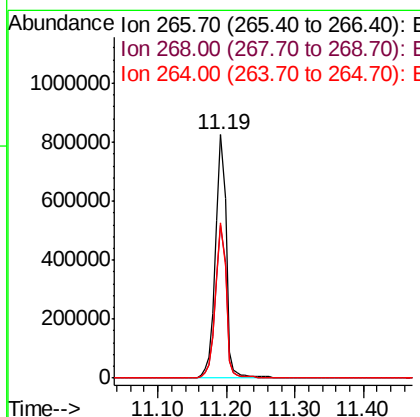
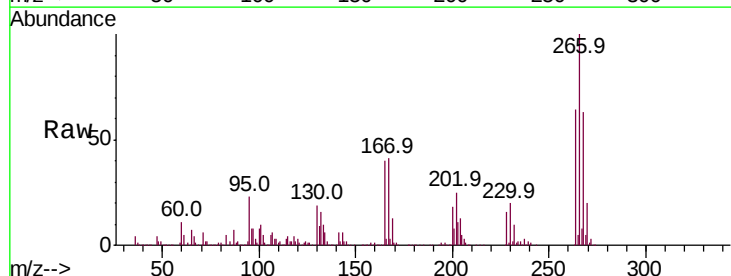
Instrument :
 BNA_F
 ClientSampleId :
 SP5251

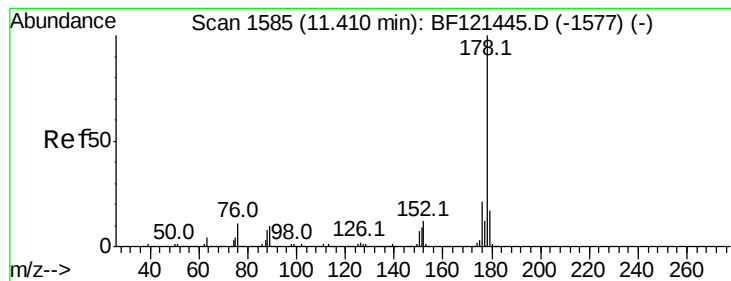
Tot Ion:200 Resp: 485736
 Ion Ratio Lower Upper
 200 100
 173 26.5 8.1 48.1
 215 49.9 28.5 68.5



#70
 Pentachlorophenol
 Concen: 133.908 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion:266 Resp: 891283
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.7 74.5
 264 64.0 49.4 74.0





#71

Phenanthrene

Concen: 50.343 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

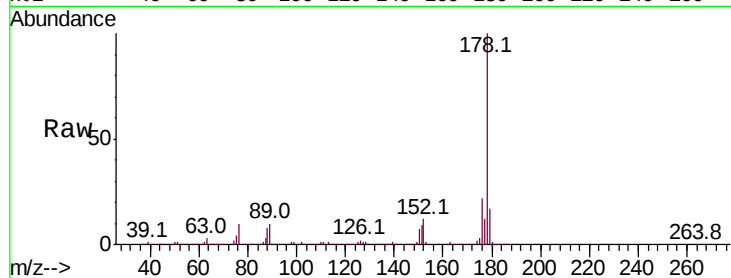
Tot Ion:178 Resp: 2925921

Ion Ratio Lower Upper

178 100

176 21.6 16.9 25.3

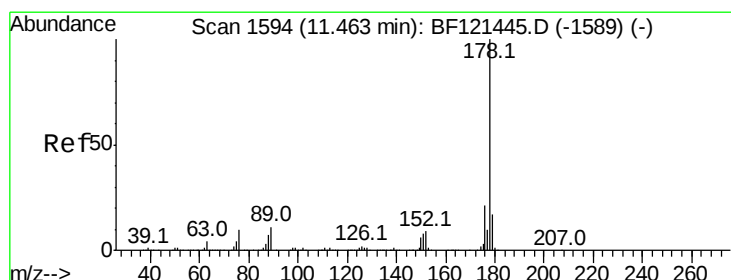
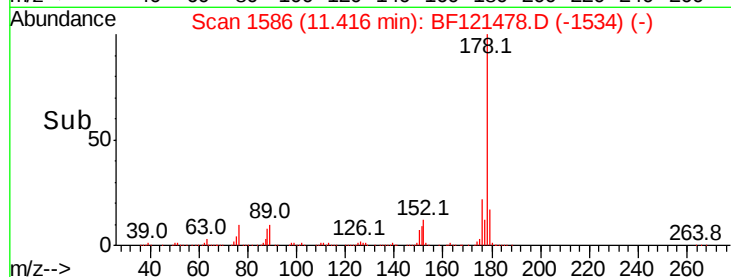
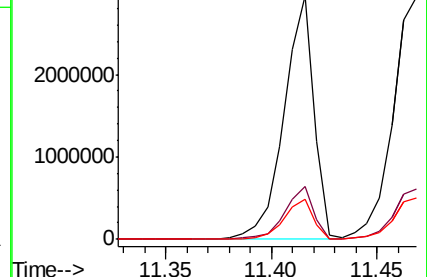
179 16.7 13.4 20.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.817 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

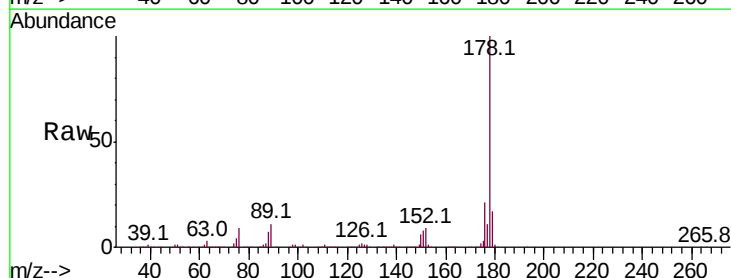
Tgt Ion:178 Resp: 3019160

Ion Ratio Lower Upper

178 100

176 21.0 16.7 25.1

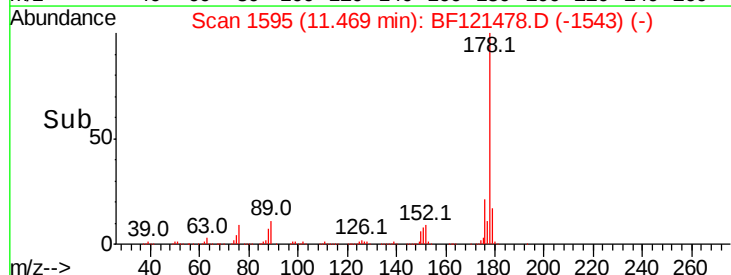
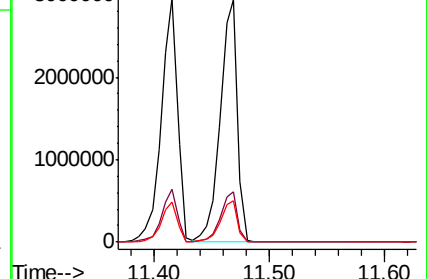
179 16.9 13.4 20.2

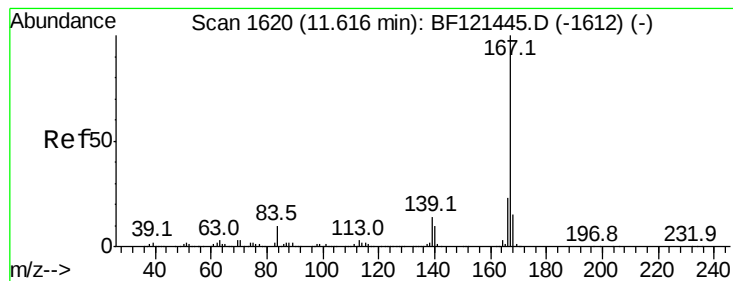


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 51.709 ng

RT: 11.62 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

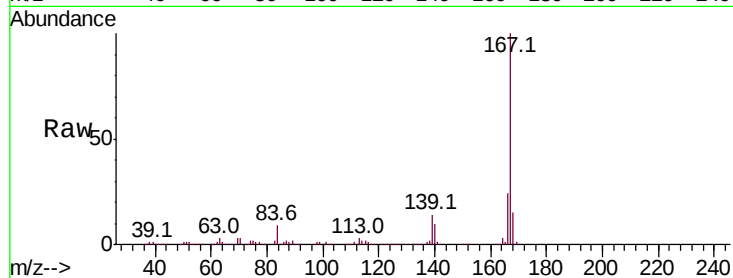
Tot Ion:167 Resp: 2850298

Ion Ratio Lower Upper

167 100

166 23.6 18.4 27.6

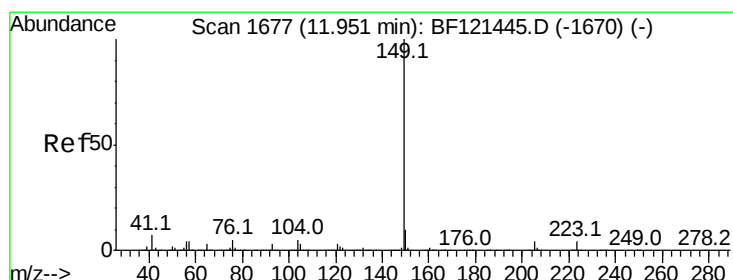
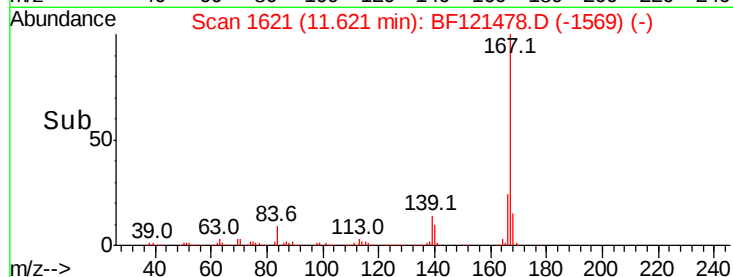
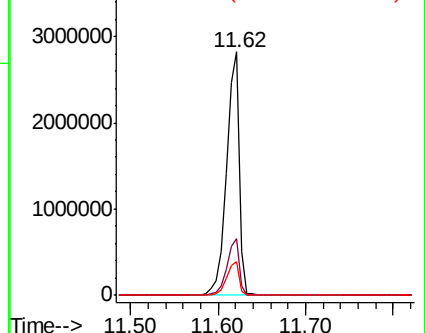
139 13.8 11.0 16.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 53.935 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

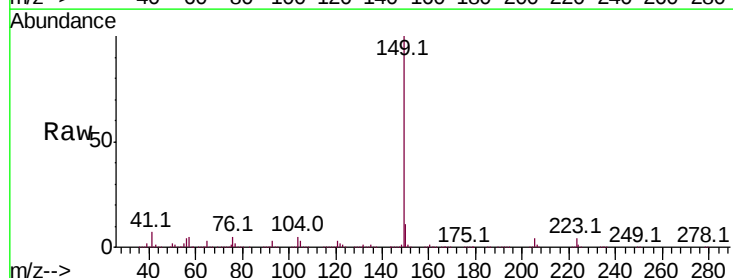
Tgt Ion:149 Resp: 3302758

Ion Ratio Lower Upper

149 100

150 10.5 8.2 12.2

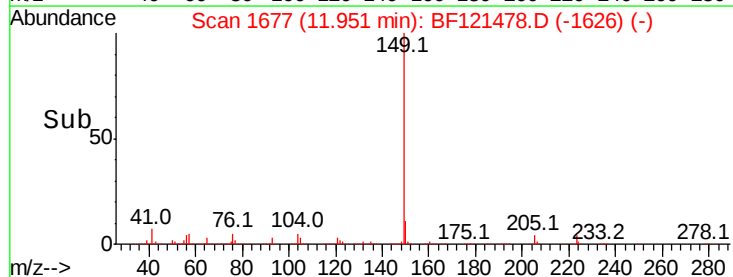
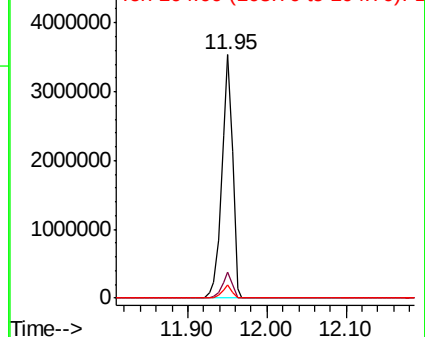
104 5.4 4.2 6.4

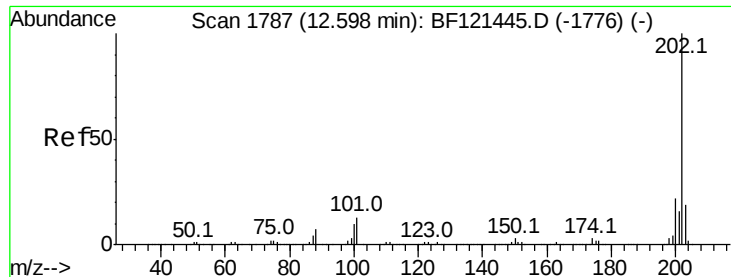


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



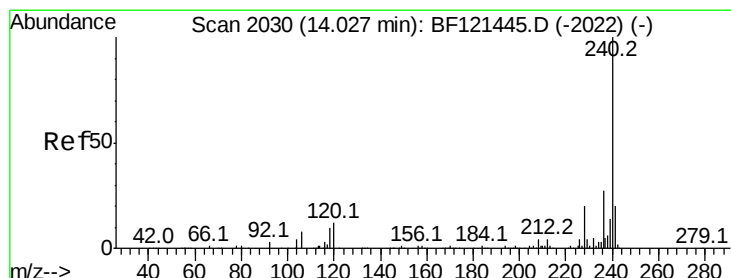
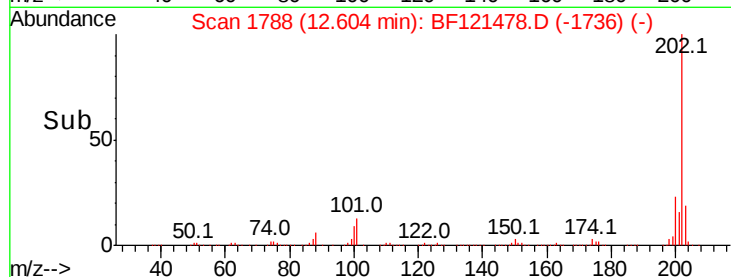
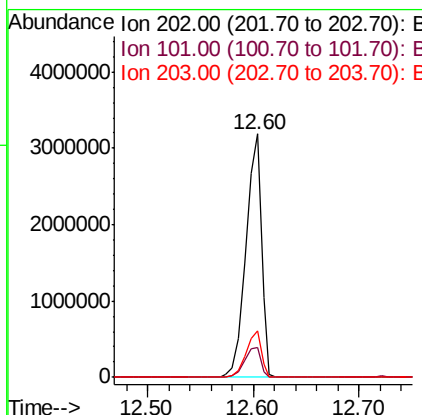
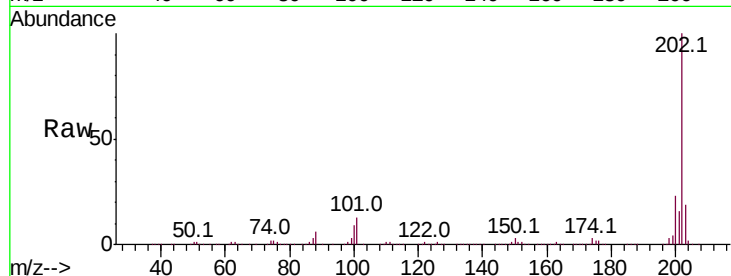


#75
Fluoranthene
 Concen: 51.587 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

Tot Ion:202 Resp: 3231331

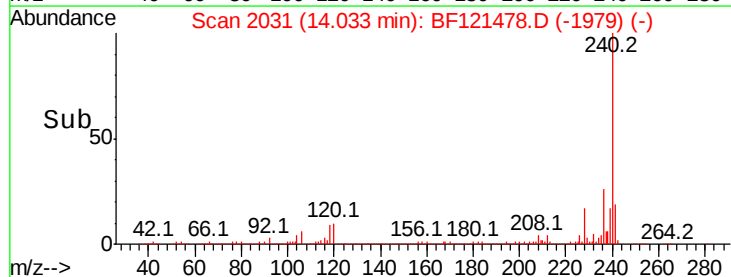
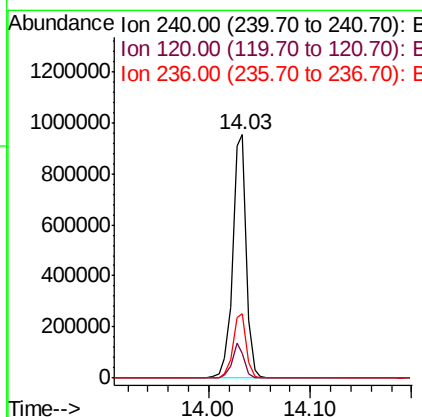
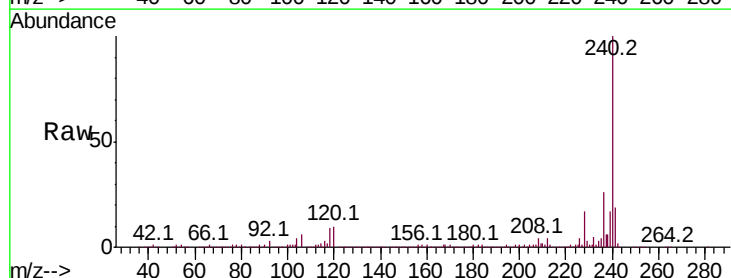
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.3
203	19.2	0.0	39.1

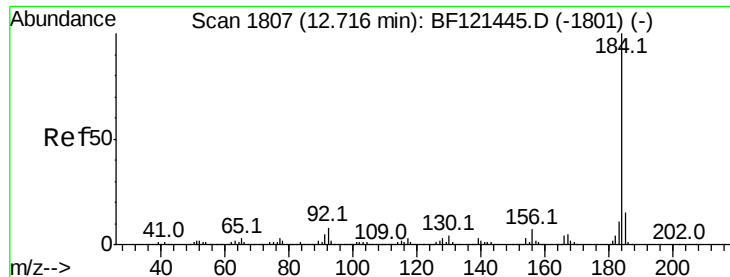


#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion:240 Resp: 886223

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	26.3	21.8	32.6





#77

Benzidine

Concen: 106.125 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

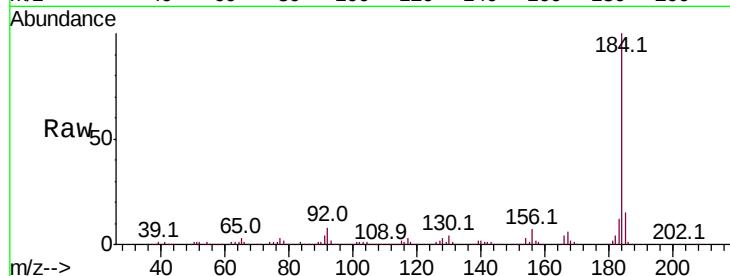
Tot Ion:184 Resp: 2051168

Ion Ratio Lower Upper

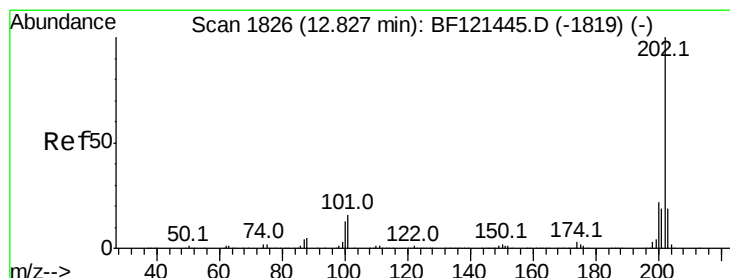
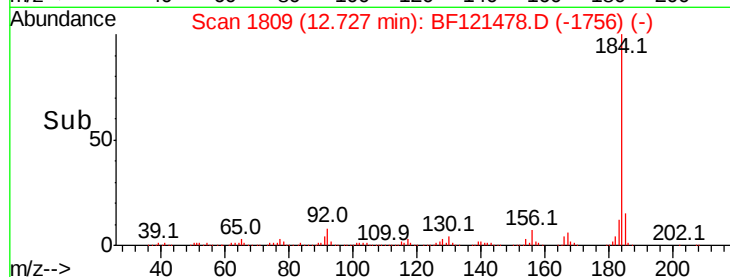
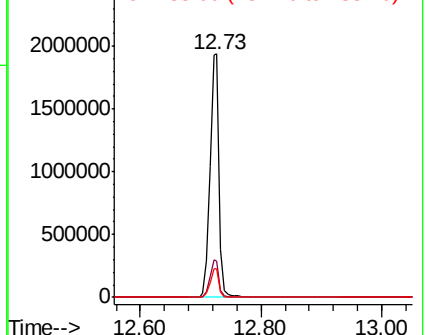
184 100

185 15.1 12.1 18.1

183 11.6 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: 51.971 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

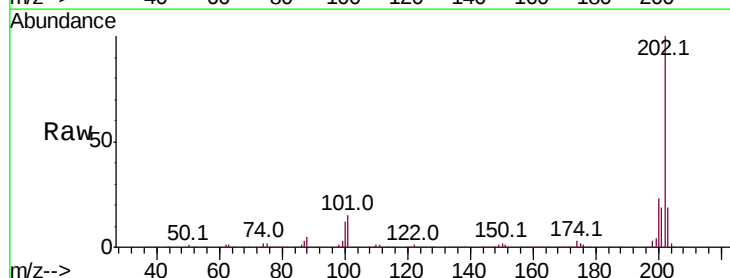
Tgt Ion:202 Resp: 3289353

Ion Ratio Lower Upper

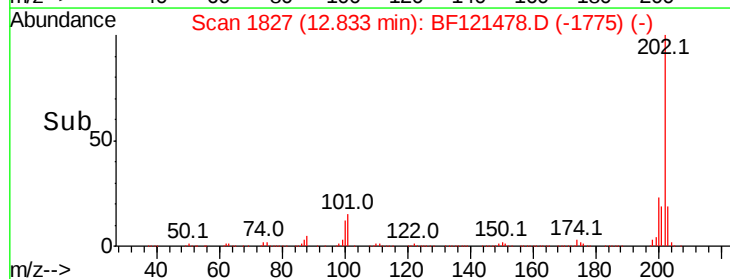
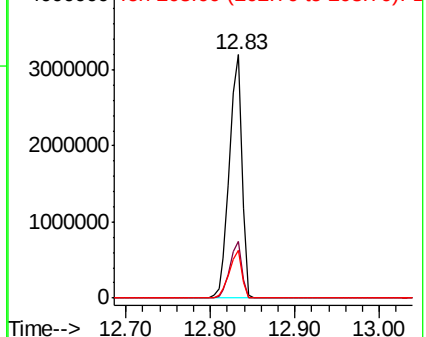
202 100

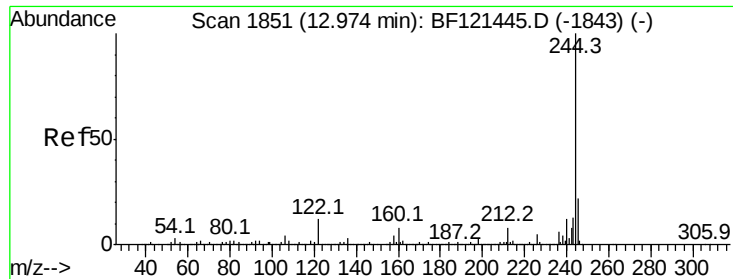
200 23.5 18.0 27.0

203 19.4 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: 0.016 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampled :

SP5251

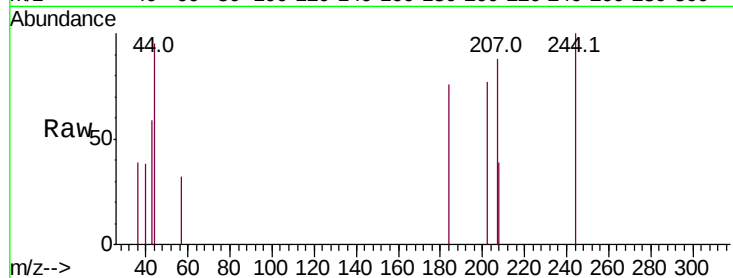
Tot Ion:244 Resp: 654

Ion Ratio Lower Upper

244 100

212 0.0 6.3 9.5#

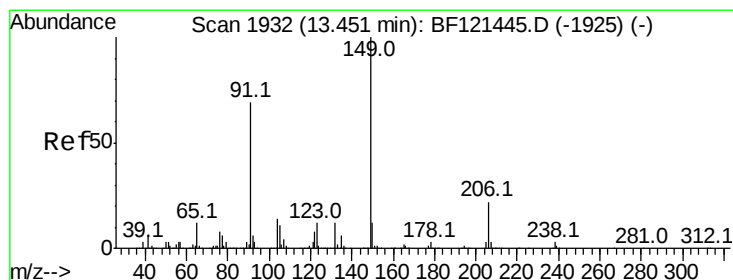
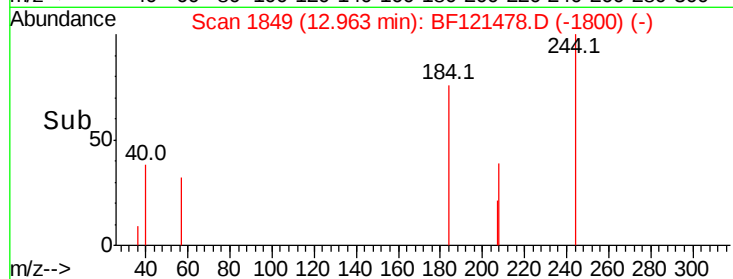
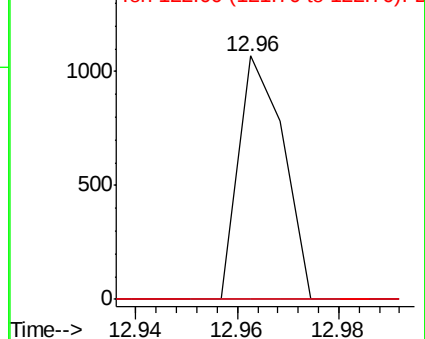
122 0.0 9.5 14.3#



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: 60.942 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

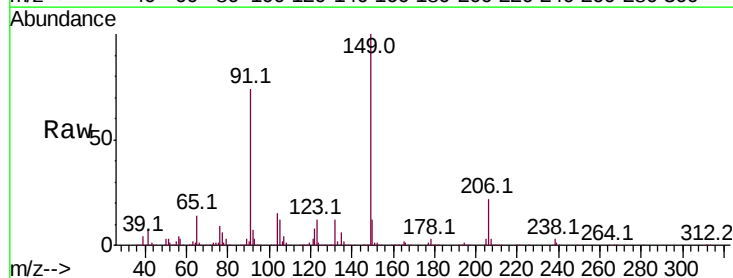
Tgt Ion:149 Resp: 1485967

Ion Ratio Lower Upper

149 100

91 73.7 55.0 82.4

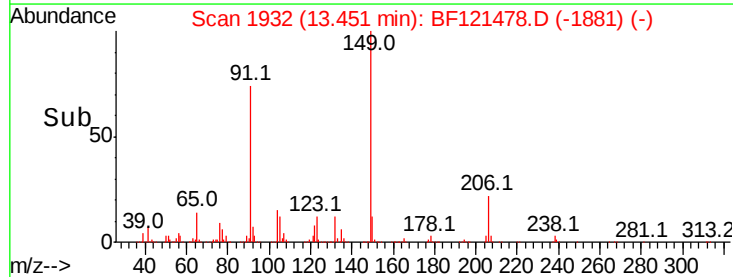
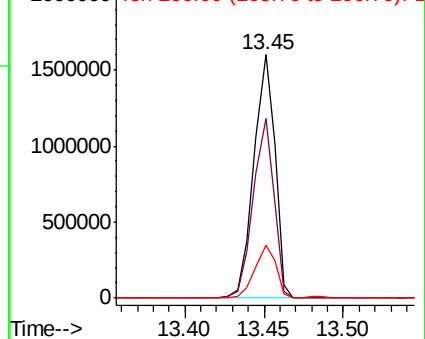
206 21.8 17.8 26.6

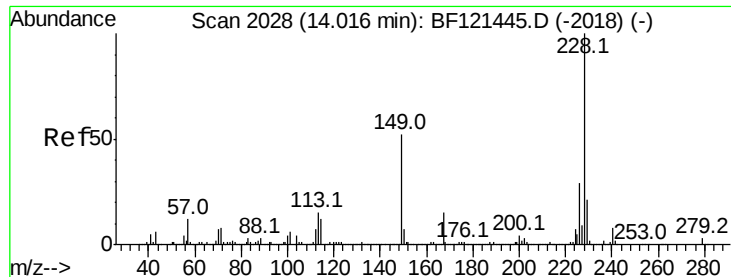


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.526 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

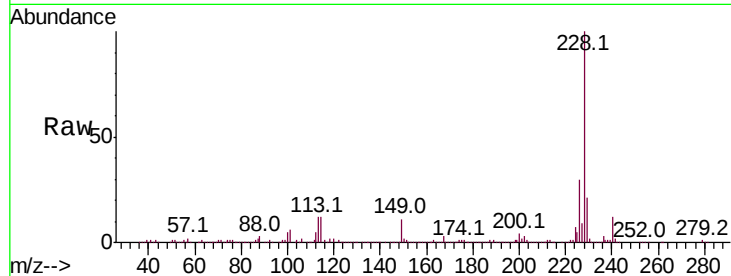
Tot Ion:228 Resp: 2787549

Ion Ratio Lower Upper

228 100

226 29.9 23.0 34.4

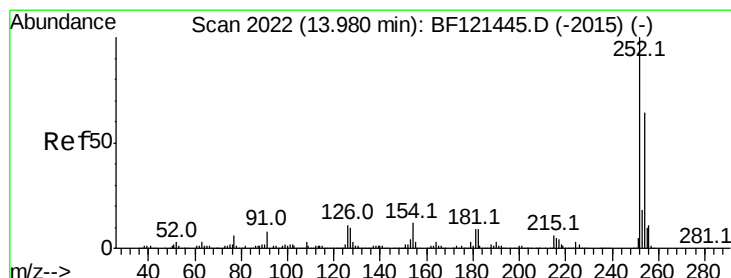
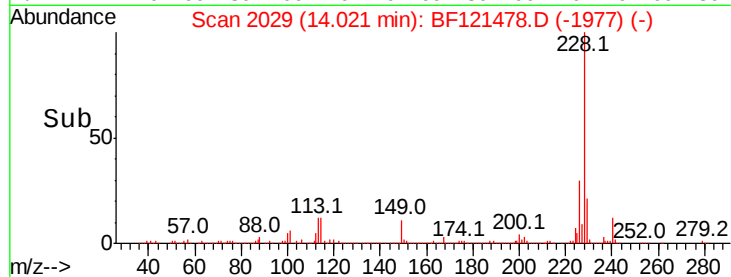
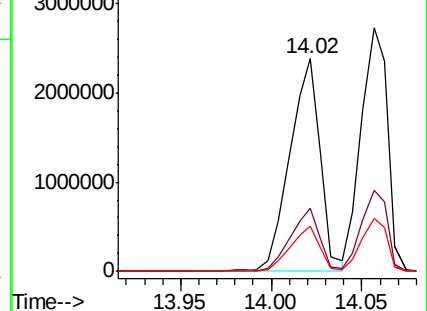
229 21.1 16.6 24.8



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: 46.592 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

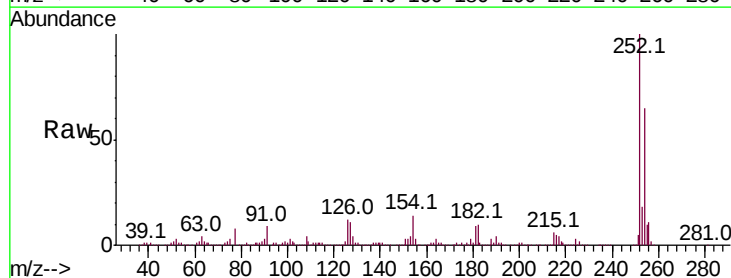
Tgt Ion:252 Resp: 923234

Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.2

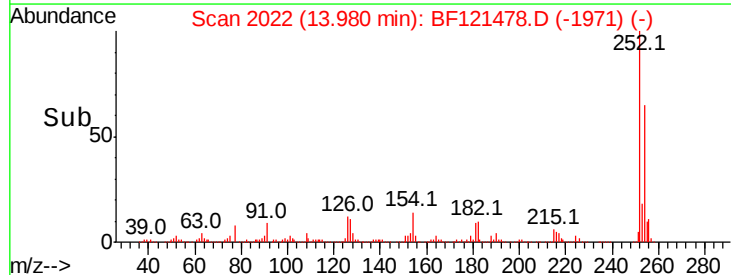
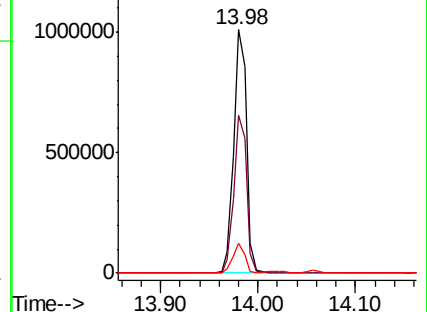
126 12.1 8.5 12.7

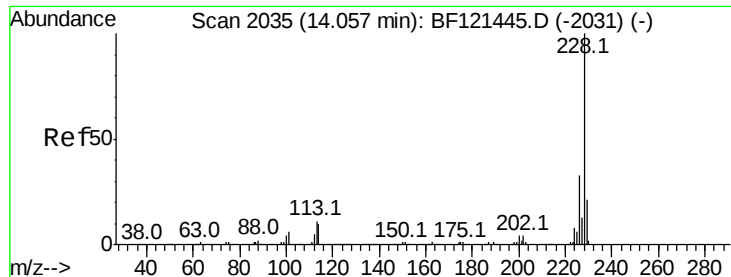


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.513 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

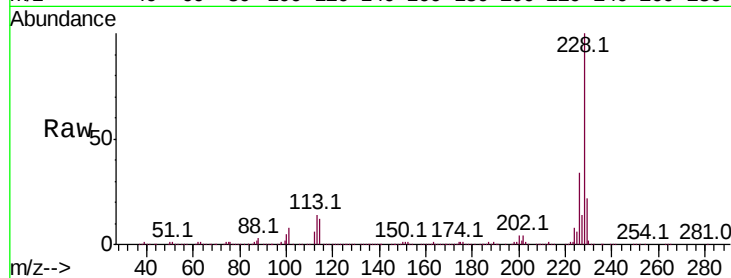
Tot Ion:228 Resp: 2788133

Ion Ratio Lower Upper

228 100

226 33.5 26.2 39.2

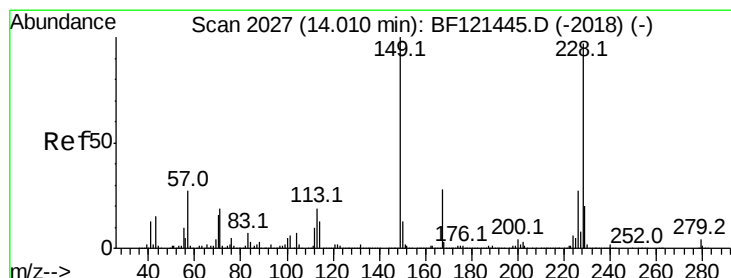
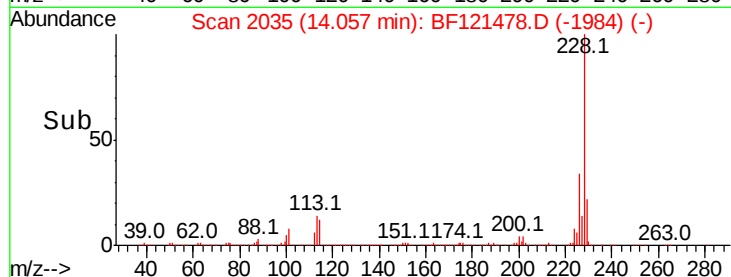
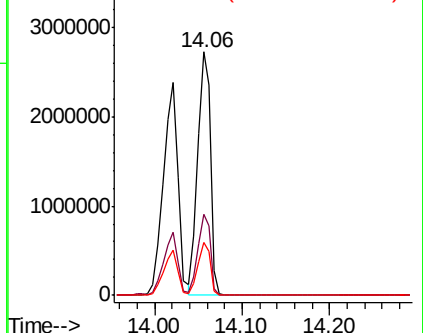
229 21.6 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.608 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

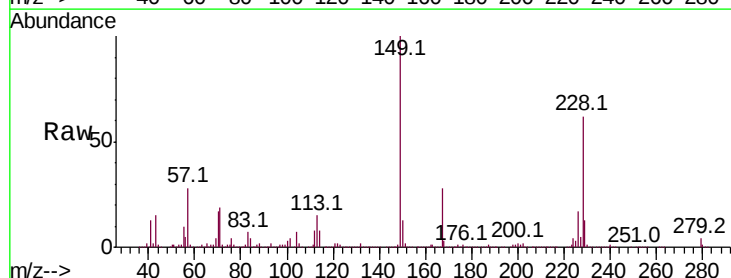
Tgt Ion:149 Resp: 1845697

Ion Ratio Lower Upper

149 100

167 28.2 22.6 34.0

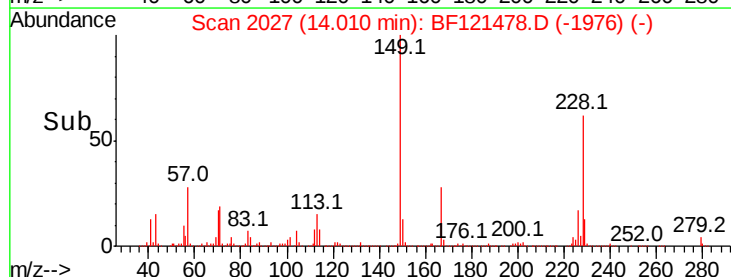
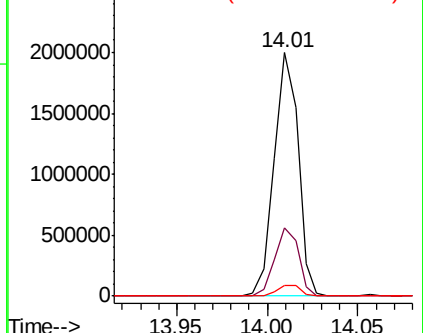
279 4.3 3.3 4.9

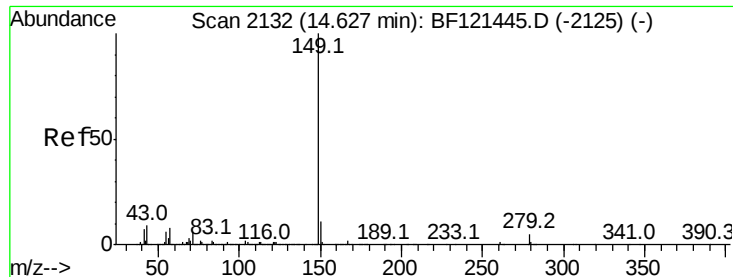


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 63.128 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

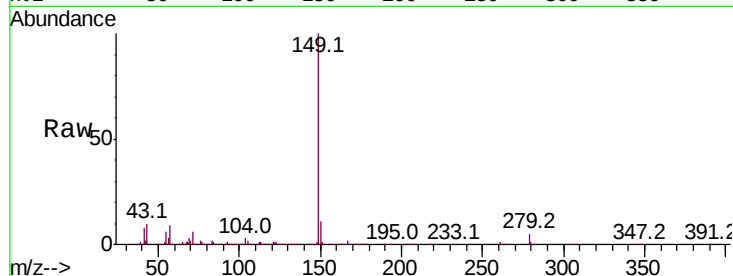
Tot Ion:149 Resp: 3369130

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

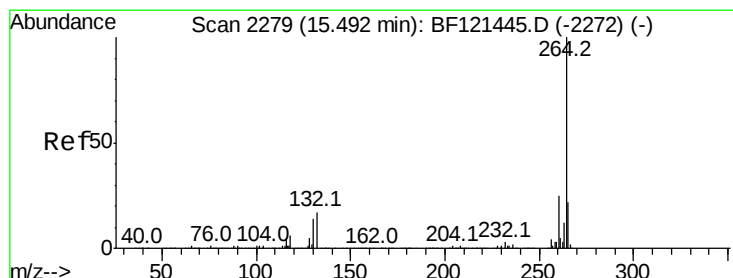
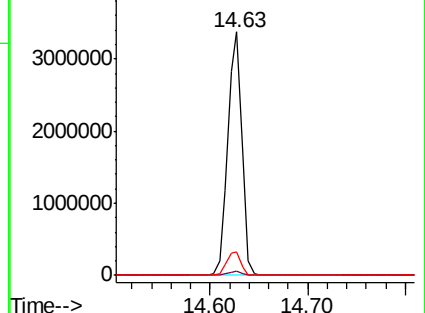
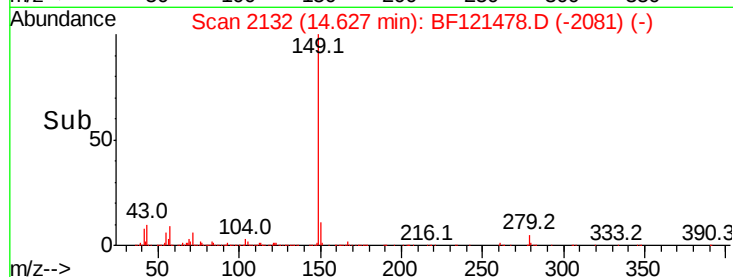
43 10.0 8.3 12.5



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: BF121478.D

Acq: 31 Aug 2020 15:18

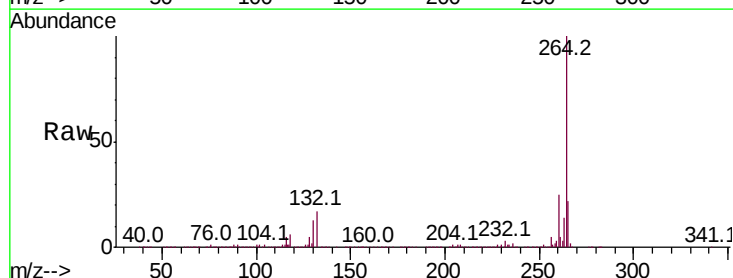
Tgt Ion:264 Resp: 922373

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

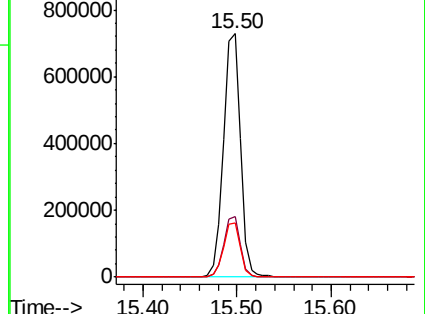
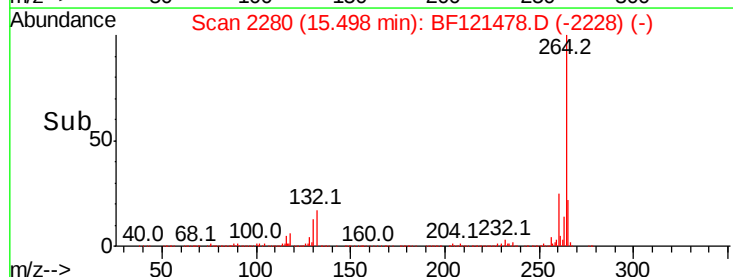
265 22.3 17.8 26.6

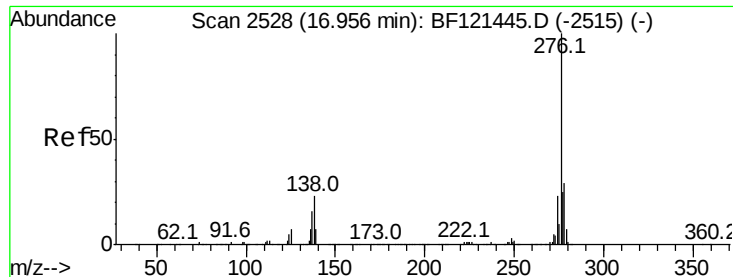


Abundance Ion 264.00 (263.70 to 264.70): E

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: 53.597 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.01 min

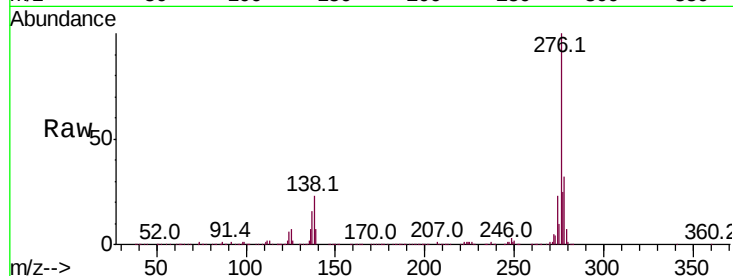
Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion:276 Resp: 3041725

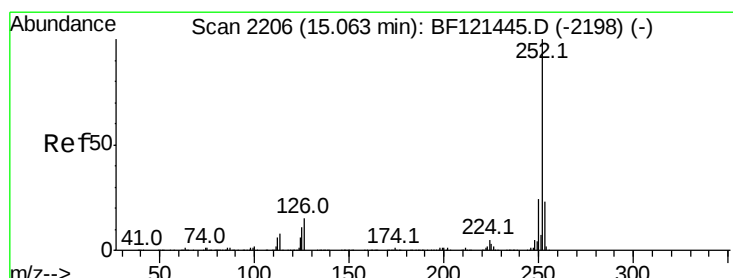
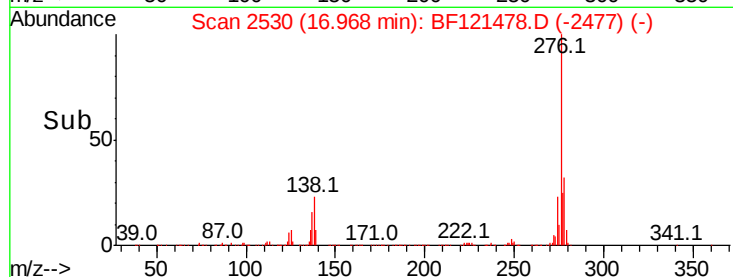
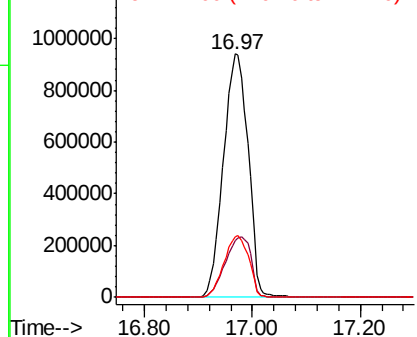
Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.6	31.0
277	25.5	20.5	30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 52.677 ng

RT: 15.07 min Scan# 2208

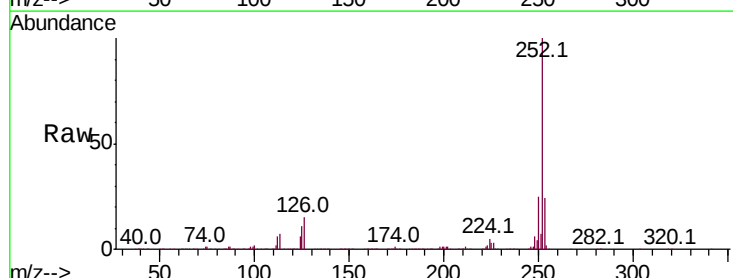
Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Tgt Ion:252 Resp: 3160613

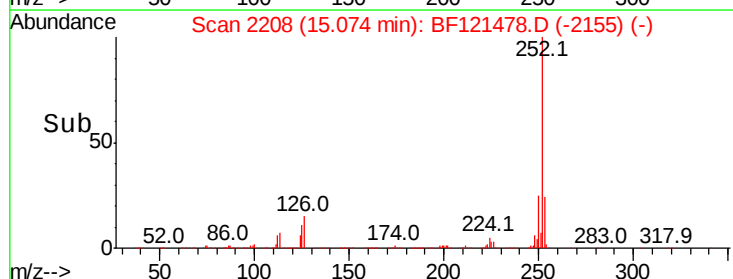
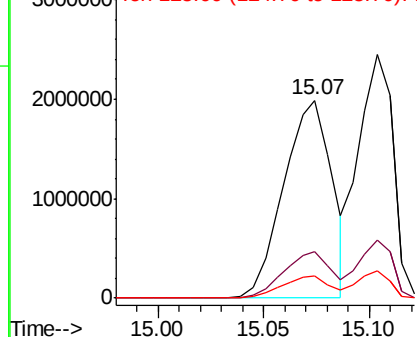
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.3	27.5
125	11.1	9.2	13.8

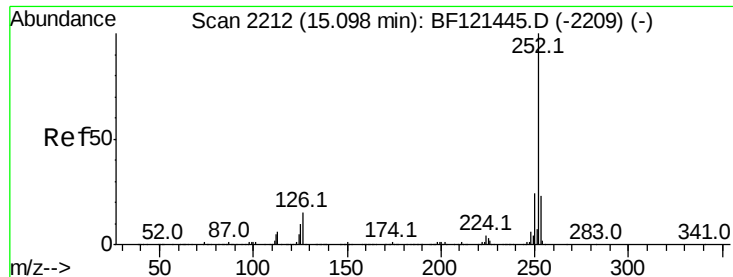


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

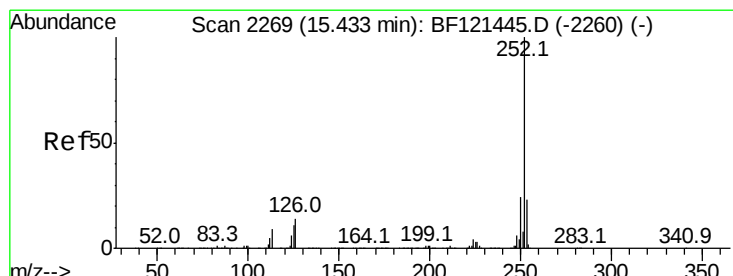
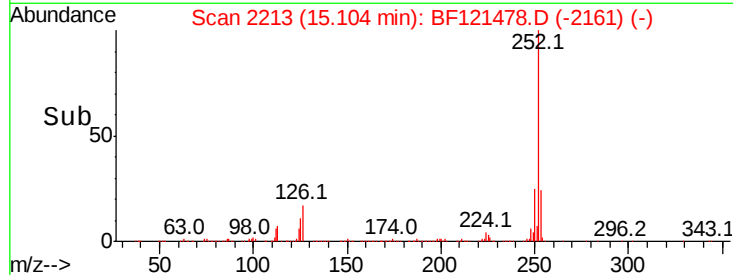
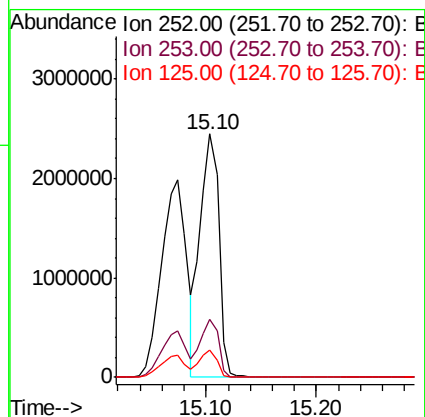
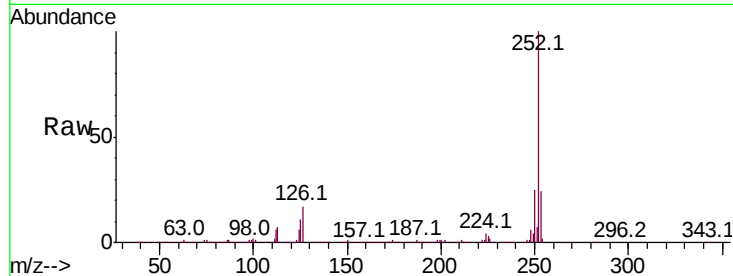




#89
Benzo(k)fluoranthene
Concen: 50.578 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

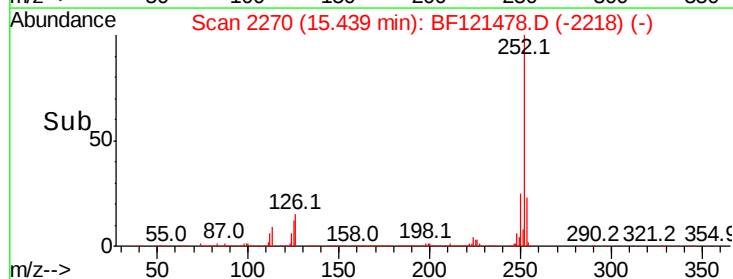
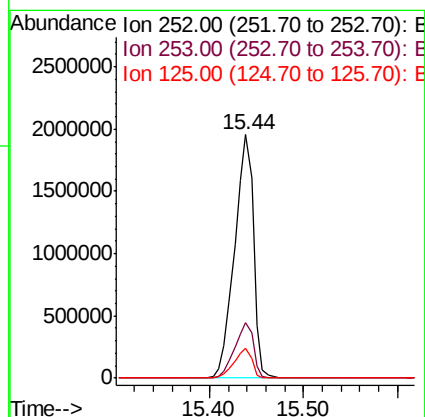
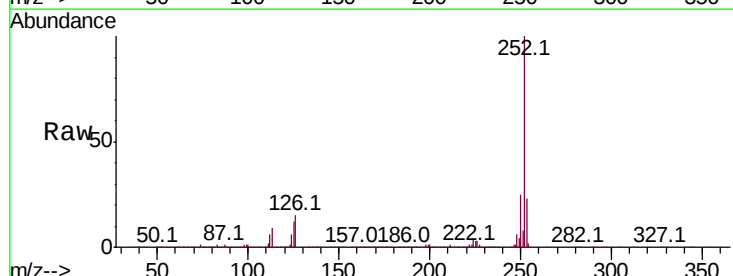
Instrument :
BNA_F
ClientSampleId :
SP5251

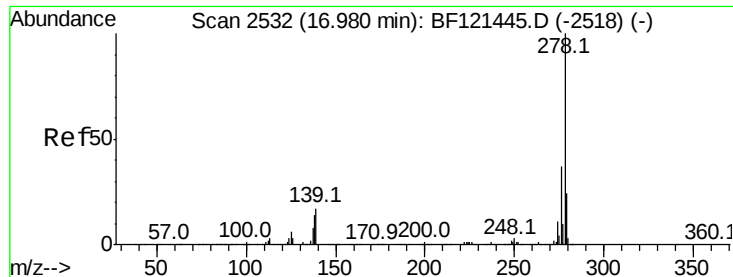
Tot Ion:252 Resp: 2822675
Ion Ratio Lower Upper
252 100
253 23.6 18.3 27.5
125 11.4 8.5 12.7



#90
Benzo(a)pyrene
Concen: 50.625 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion:252 Resp: 2731348
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 12.4 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 53.420 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

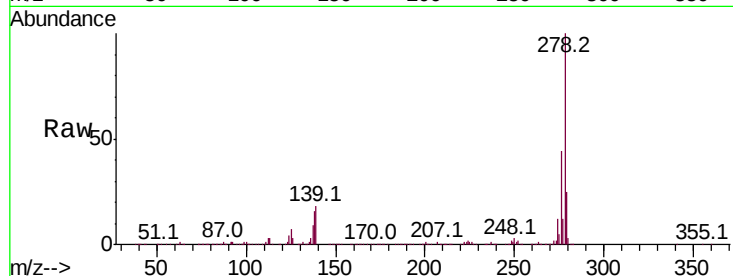
Tot Ion:278 Resp: 2481651

Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.3	19.9
279	24.8	19.4	29.0

278 100

139 17.8 13.3 19.9

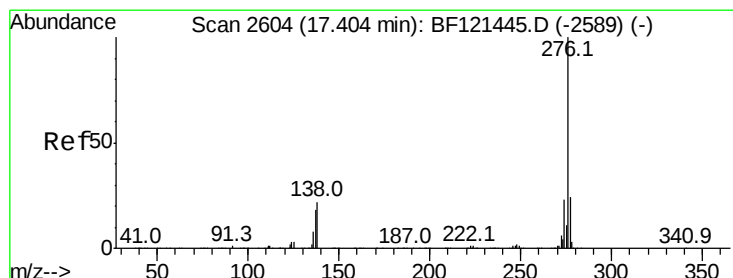
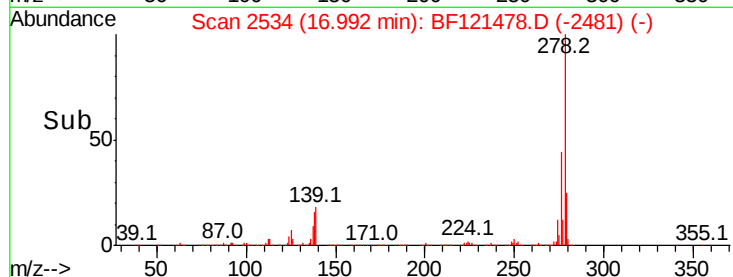
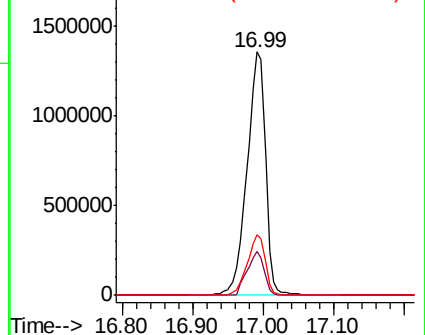
279 24.8 19.4 29.0



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: 55.034 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

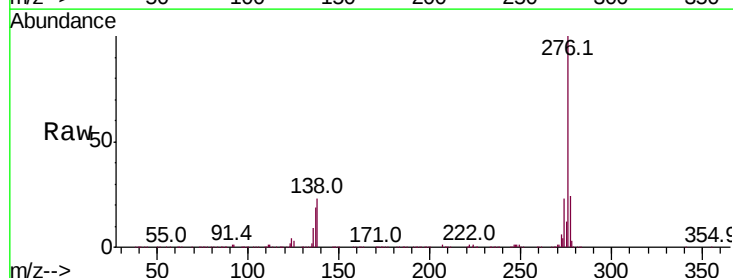
Tgt Ion:276 Resp: 2462834

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	22.8	17.4	26.0

276 100

277 24.5 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

