

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120931.D
 Acq On : 20 Jul 2020 14:07
 Operator : JU/CG
 Sample : SP5204
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP5204

Quant Time: Jul 20 15:09:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	182916	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	710269	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	384922	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	754508	20.00	ng	0.00
76) Chrysene-d12	13.98	240	578177	20.00	ng	0.00
86) Perylene-d12	15.43	264	611387	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.60	99	29544	2.05	ng	0.15
23) Nitrobenzene-d5	7.33	82	51394	4.19	ng	-0.05
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.13	172	789	0.03	ng	-0.05
79) Terphenyl-d14	12.92	244	731	0.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.64	88	250713	48.823	ng	100
3) Pyridine	3.38	79	560969	41.065	ng	99
4) n-Nitrosodimethylamine	3.33	42	274729	47.032	ng	94
6) Aniline	6.47	93	682331	36.267	ng	99
8) 2-Chlorophenol	6.60	128	603648	49.110	ng	99
9) Benzaldehyde	6.36	77	438062	85.645	ng	99
10) Phenol	6.46	94	767270	48.394	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	558811	45.989	ng	98
12) 1,3-Dichlorobenzene	6.76	146	603465	45.276	ng	98
13) 1,4-Dichlorobenzene	6.83	146	608857	45.939	ng	99
14) 1,2-Dichlorobenzene	6.99	146	586129	46.747	ng	99
15) Benzyl Alcohol	6.96	79	485828	47.664	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	796241	45.464	ng	100
17) 2-Methylphenol	7.07	107	477875	43.864	ng	99
18) Hexachloroethane	7.33	117	229991	47.945	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	354481	43.252	ng	99
20) 3+4-Methylphenols	7.22	107	523684	37.787	ng	# 88
22) Acetophenone	7.23	105	715234	44.869	ng	95
24) Nitrobenzene	7.40	77	600140	45.362	ng	97
25) Isophorone	7.64	82	1124261	45.892	ng	98
26) 2-Nitrophenol	7.72	139	322103	51.263	ng	99
27) 2,4-Dimethylphenol	7.76	122	530370	51.988	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	713026	47.681	ng	99
29) 2,4-Dichlorophenol	7.96	162	498225	47.793	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	533999	46.170	ng	99
31) Naphthalene	8.12	128	1642326	45.077	ng	99
32) Benzoic acid	7.89	122	431293	56.319	ng	95
33) 4-Chloroaniline	8.17	127	482455	29.685	ng	99
34) Hexachlorobutadiene	8.24	225	301703	44.250	ng	99
35) Caprolactam	8.55	113	117299	35.088	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	517979	48.448	ng	98
37) 2-Methylnaphthalene	8.82	142	1122760	47.461	ng	99
38) 1-Methylnaphthalene	8.91	142	1064451	47.510	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	483725	43.132	ng	99

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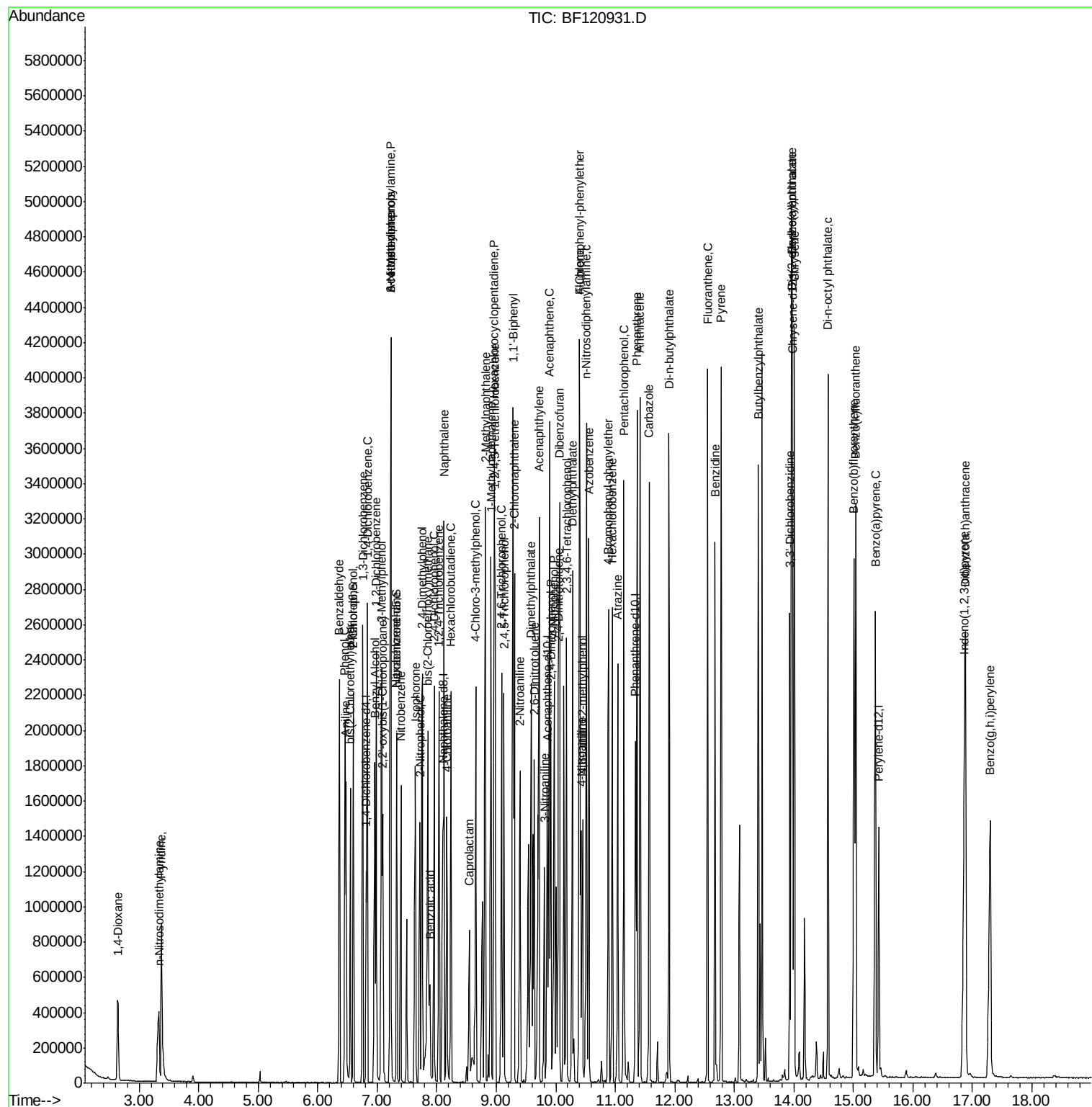
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	611698	98.688	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	377157	47.763	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	385507	43.039	nq	96
46) 1,1'-Biphenyl	9.28	154	1336744	45.527	nq	99
47) 2-Chloronaphthalene	9.30	162	1037760	43.350	nq	98
48) 2-Nitroaniline	9.40	65	334575	46.247	nq	98
49) Acenaphthylene	9.72	152	1685504	45.322	nq	100
50) Dimethylphthalate	9.59	163	1254865	45.188	nq	100
51) 2,6-Dinitrotoluene	9.64	165	286201	47.971	nq	97
52) Acenaphthene	9.89	154	1030328	43.577	nq	99
53) 3-Nitroaniline	9.81	138	227010	30.339	nq	99
54) 2,4-Dinitrophenol	9.92	184	308302	88.942	nq	88
55) Dibenzofuran	10.06	168	1479263	43.264	nq	100
56) 4-Nitrophenol	9.97	139	538353	94.715	nq	99
57) 2,4-Dinitrotoluene	10.05	165	380172	48.524	nq	93
58) Fluorene	10.40	166	1052433	41.270	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	335690	49.223	nq	98
60) Diethylphthalate	10.28	149	1246948	44.394	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	521490	38.341	nq	97
62) 4-Nitroaniline	10.43	138	312575	42.885	nq	95
63) Azobenzene	10.56	77	1167829	43.673	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	205875	47.214	nq	97
66) n-Nitrosodiphenylamine	10.52	169	1053759	44.396	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	365398	43.437	nq	94
68) Hexachlorobenzene	10.95	284	406649	44.688	nq	95
69) Atrazine	11.05	200	309128	52.589	nq	98
70) Pentachlorophenol	11.15	266	490817	94.150	nq	100
71) Phenanthrene	11.37	178	1657325	42.709	nq	99
72) Anthracene	11.42	178	1722224	44.199	nq	99
73) Carbazole	11.57	167	1623766	41.991	nq	99
74) Di-n-butylphthalate	11.90	149	1956447	43.842	nq	99
75) Fluoranthene	12.55	202	1858847	43.217	nq	99
77) Benzidine	12.67	184	1304879	85.840	nq	99
78) Pyrene	12.78	202	1901867	46.526	nq	99
80) Butylbenzylphthalate	13.40	149	864837	47.460	nq	96
81) Benzo(a)anthracene	13.97	228	1499172	42.819	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	531921	40.270	nq	99
83) Chrysene	14.01	228	1602462	43.553	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	995796	44.316	nq	# 100
85) Di-n-octyl phthalate	14.57	149	2013079	45.030	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1704236	40.081	nq	100
88) Benzo(b)fluoranthene	15.01	252	1827849	49.460	nq	99
89) Benzo(k)fluoranthene	15.04	252	1456125	43.204	nq	99
90) Benzo(a)pyrene	15.37	252	1540572	45.691	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	1423433	40.983	nq	98
92) Benzo(g,h,i)perylene	17.30	276	1373289	40.101	nq	99

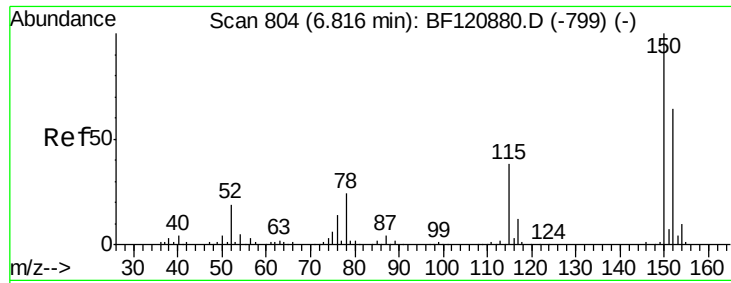
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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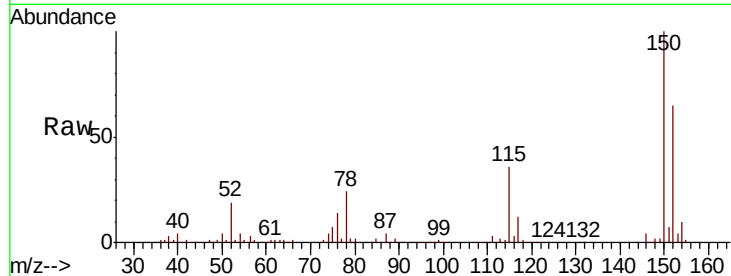


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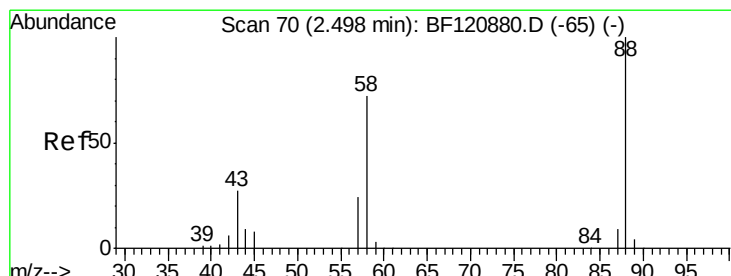
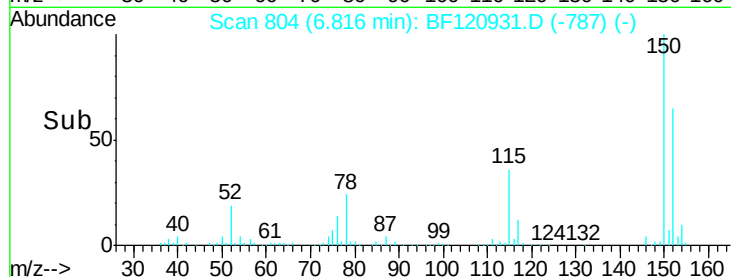
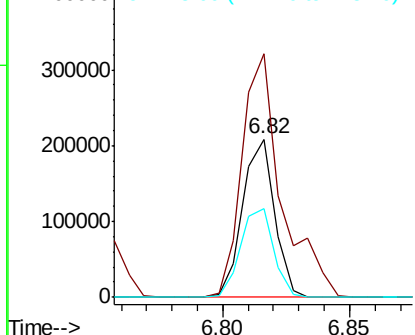
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion:152 Resp: 182916
Ion Ratio Lower Upper
152 100
150 154.0 125.0 187.6
115 56.1 47.0 70.4



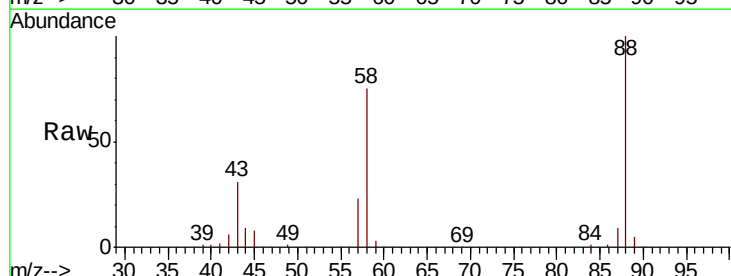
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



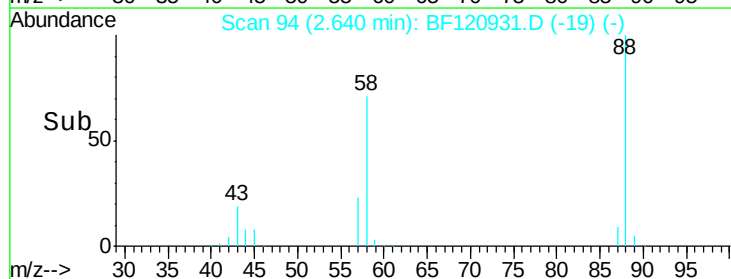
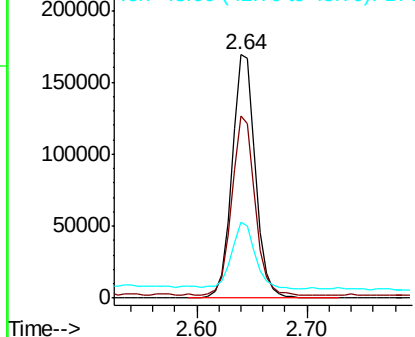
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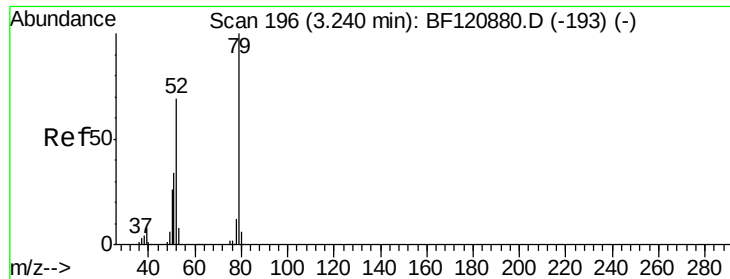
1,4-Dioxane
Concen: 48.823 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.14 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion: 88 Resp: 250713
Ion Ratio Lower Upper
88 100
58 72.6 58.2 87.2
43 27.3 22.1 33.1



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: 41.065 ng

RT: 3.38 min Scan# 219

Delta R.T. 0.14 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

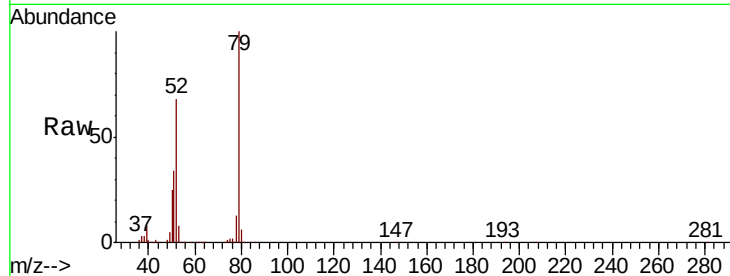
Tot Ion: 79 Resp: 560969

Ion Ratio Lower Upper

79 100

52 67.7 55.0 82.6

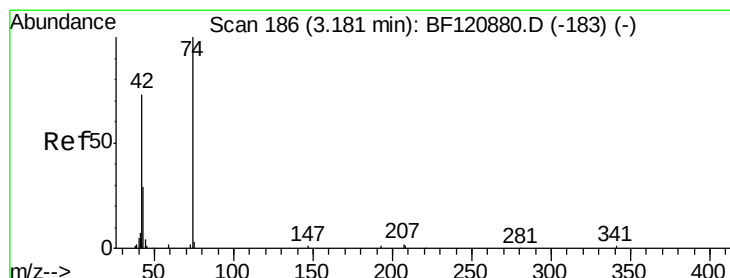
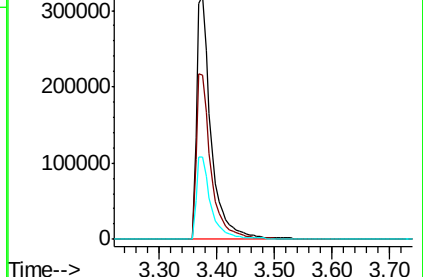
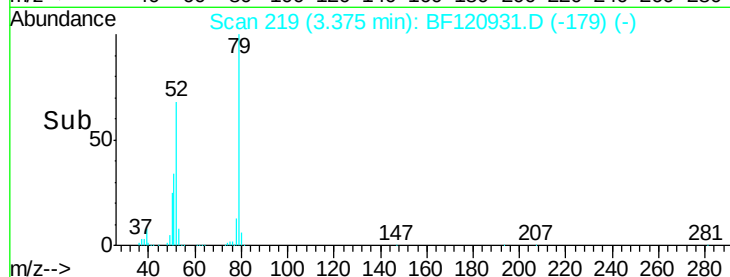
51 33.8 26.9 40.3



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

3.38

Time-->



#4

n-Nitrosodimethylamine

Concen: 47.032 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.15 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

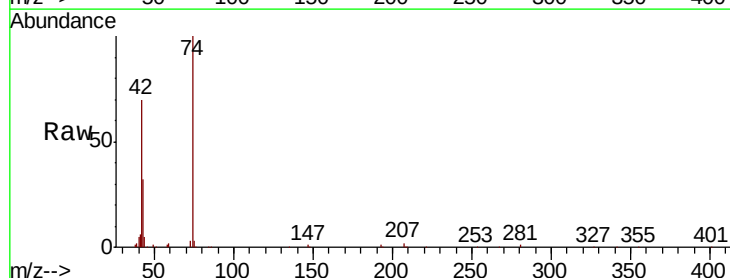
Tgt Ion: 42 Resp: 274729

Ion Ratio Lower Upper

42 100

74 143.2 108.7 163.1

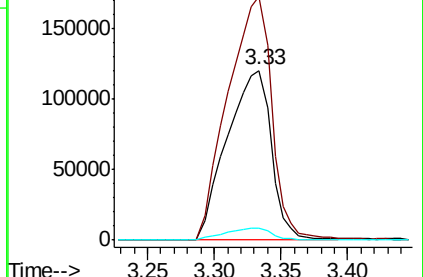
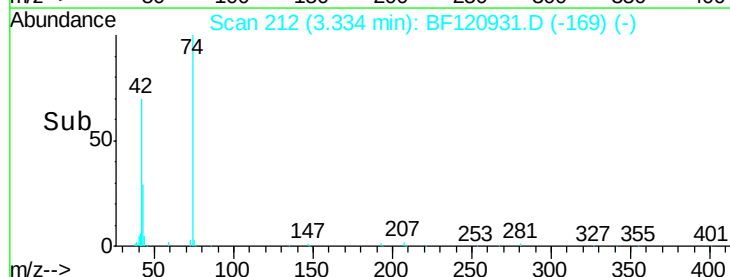
44 6.9 5.2 7.8

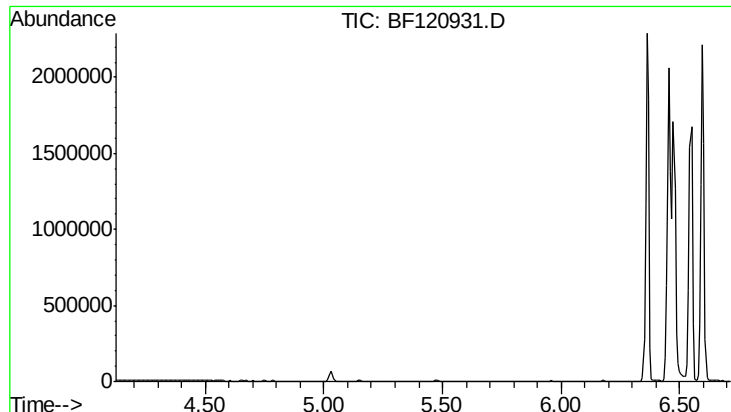


Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

3.33

Time-->

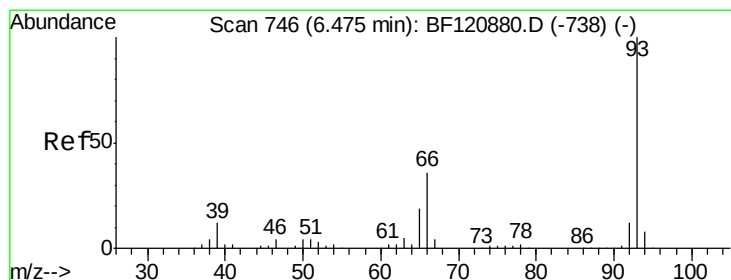
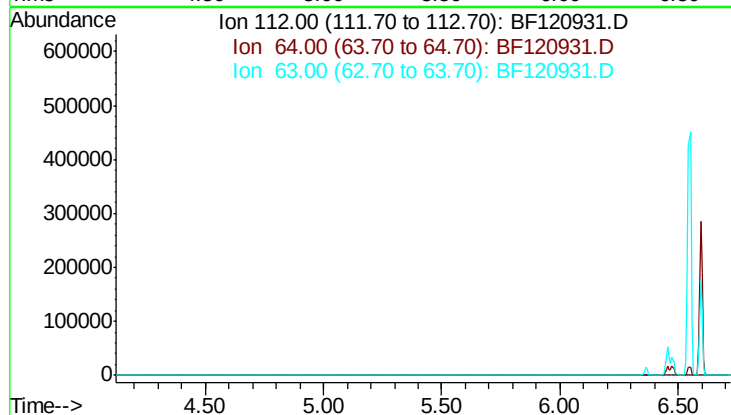




#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.42 min
 Lab File: BF120931.D
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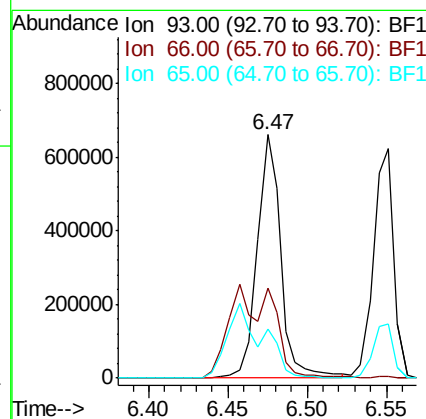
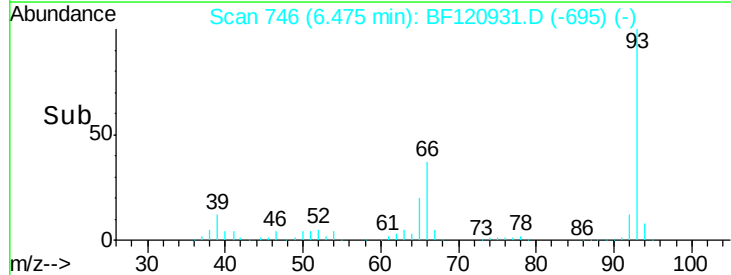
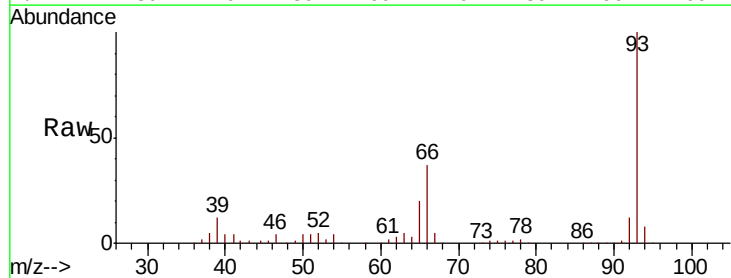
Tot Ion: 112
 Sig Exp Ratio
 112 100
 64 51.6
 63 26.4

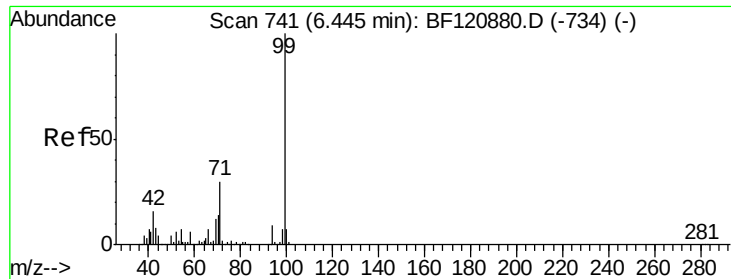


#6
 Aniline
 Concen: 36.267 ng
 RT: 6.47 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion: 93 Resp: 682331

Ion	Ratio	Lower	Upper
93	100		
66	37.2	30.2	45.4
65	20.1	15.8	23.6





#7

Phenol-d6

Concen: 2.050 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.15 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

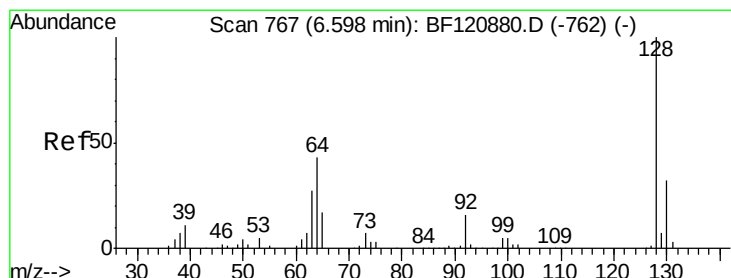
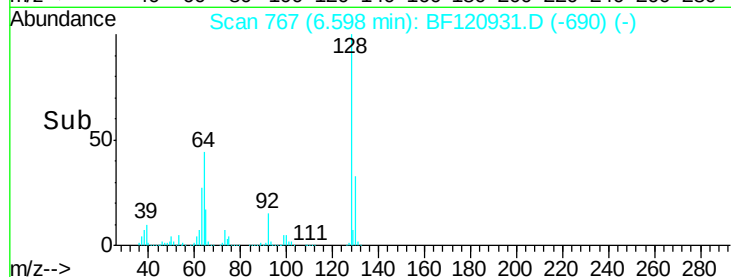
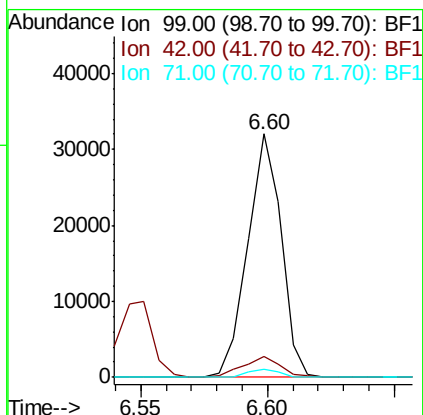
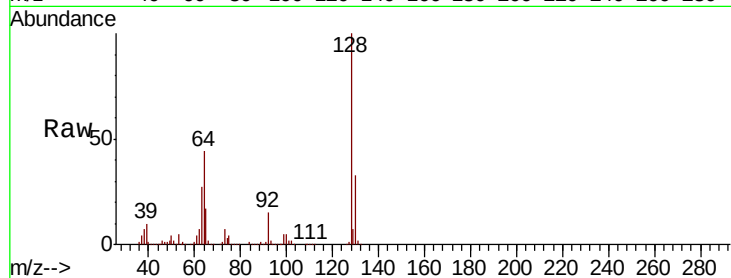
Tot Ion: 99 Resp: 29544

Ion Ratio Lower Upper

99 100

42 8.8 13.1 19.7#

71 3.6 24.2 36.4#



#8

2-Chlorophenol

Concen: 49.110 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

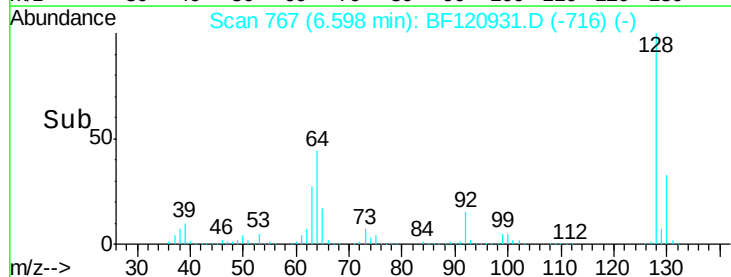
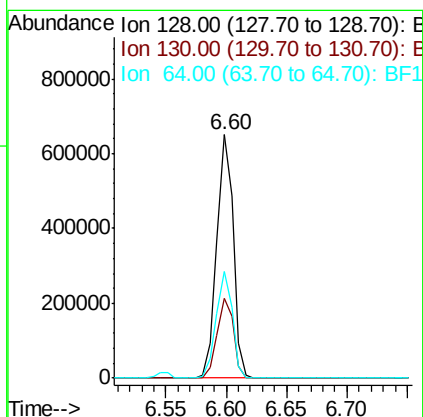
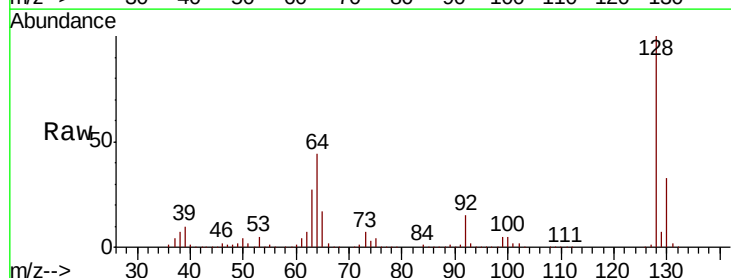
Tgt Ion: 128 Resp: 603648

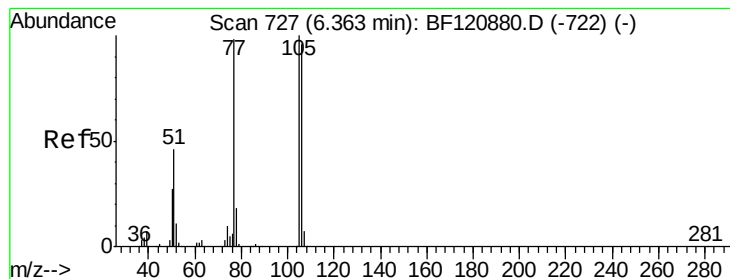
Ion Ratio Lower Upper

128 100

130 32.5 12.1 52.1

64 43.7 24.0 64.0





#9

Benzaldehyde

Concen: 85.645 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120931.D

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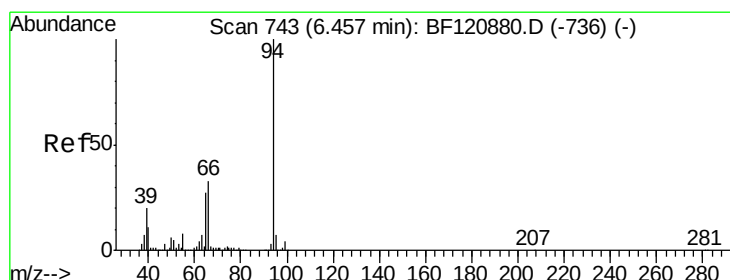
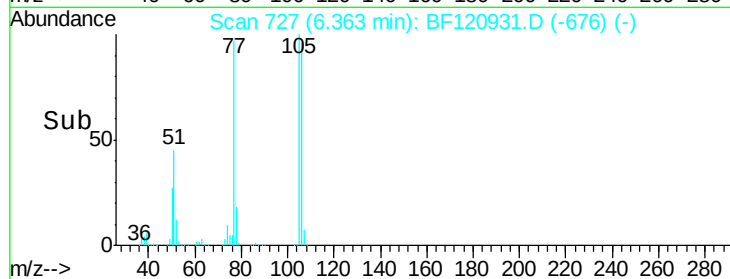
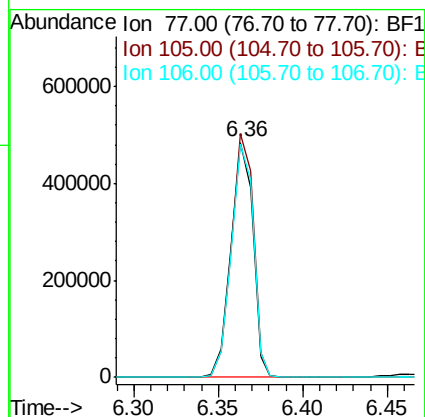
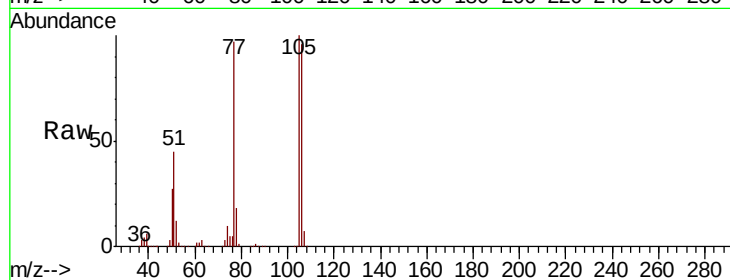
Tot Ion: 77 Resp: 438062

Ion Ratio Lower Upper

77 100

105 103.6 82.5 122.5

106 99.1 78.7 118.7



#10

Phenol

Concen: 48.394 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

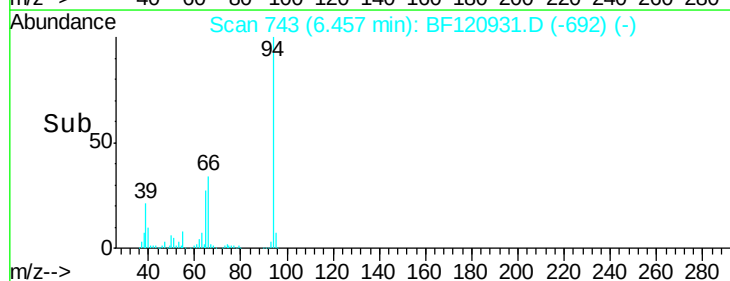
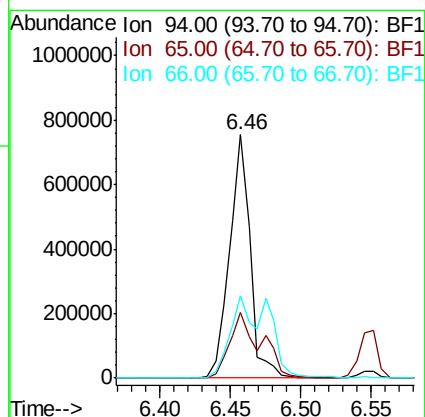
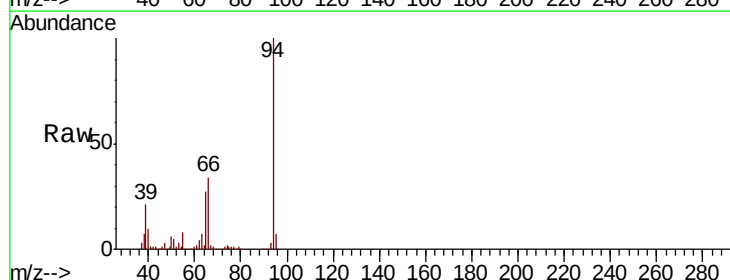
Tgt Ion: 94 Resp: 767270

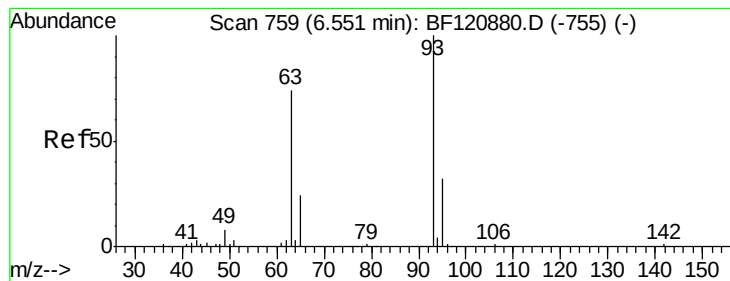
Ion Ratio Lower Upper

94 100

65 27.1 6.6 46.6

66 33.7 13.2 53.2





#11

bis(2-Chloroethyl)ether

Concen: 45.989 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

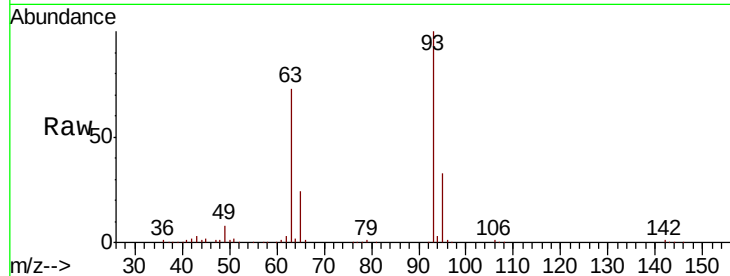
Tot Ion: 93 Resp: 558811

Ion Ratio Lower Upper

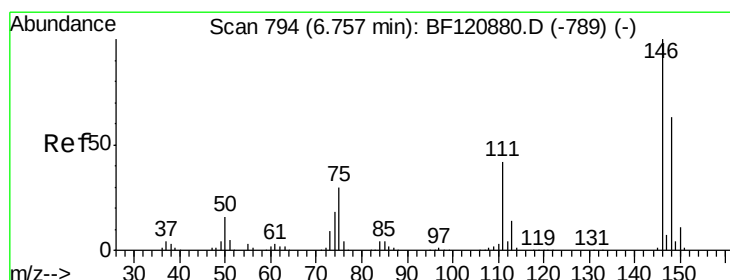
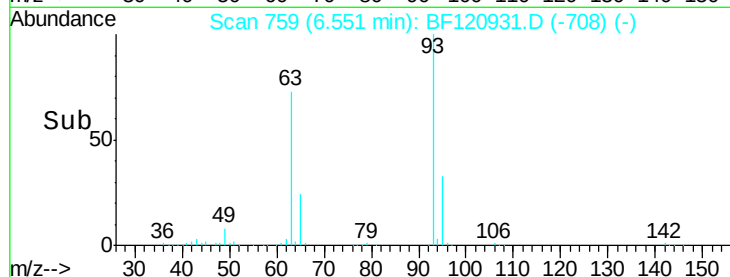
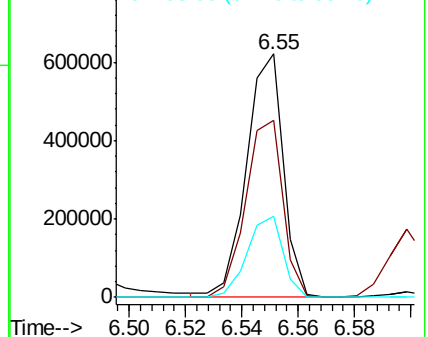
93 100

63 72.6 54.2 94.2

95 33.4 12.2 52.2



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



#12

1,3-Dichlorobenzene

Concen: 45.276 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

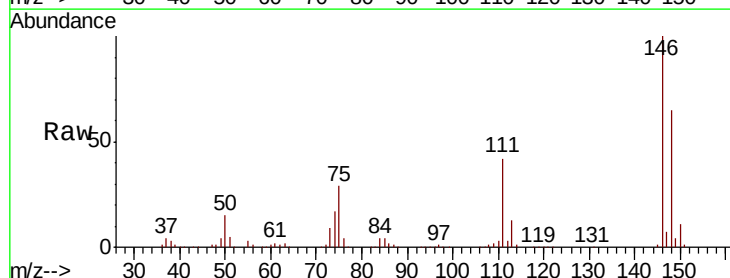
Tgt Ion: 146 Resp: 603465

Ion Ratio Lower Upper

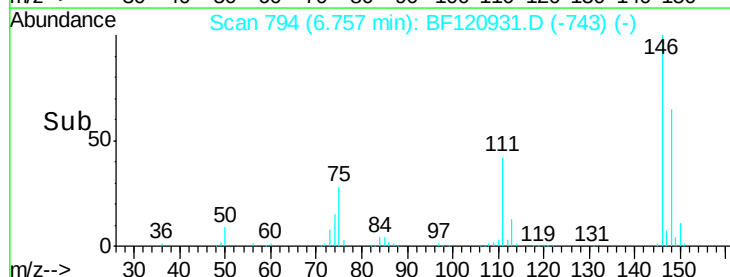
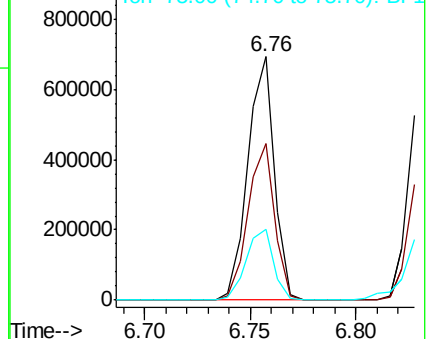
146 100

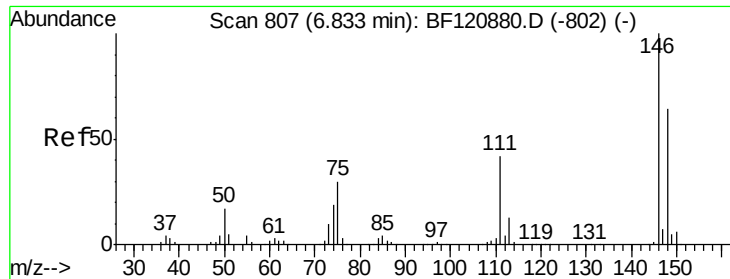
148 64.5 50.6 75.8

75 29.0 24.1 36.1



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

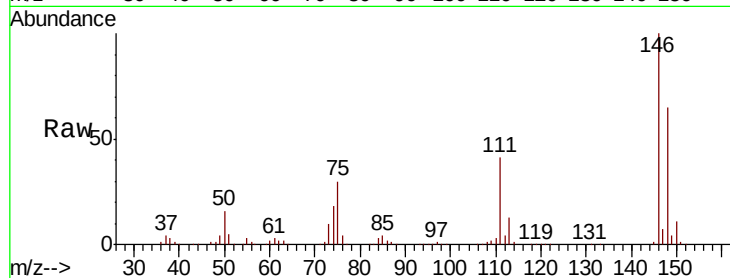




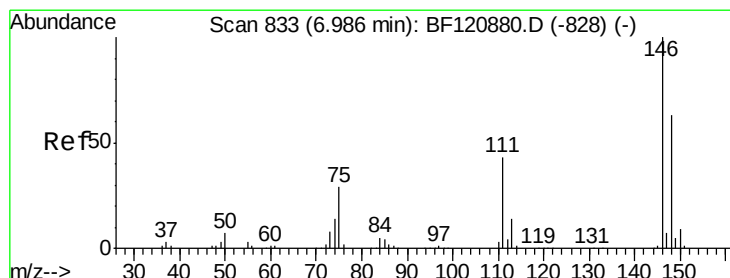
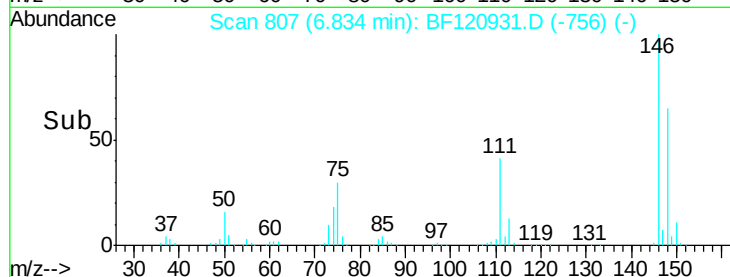
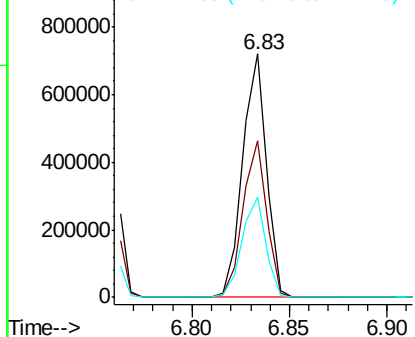
#13
 1,4-Dichlorobenzene
 Concen: 45.939 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Instrument :
 BNA_F
 ClientSampled :
 SP5204

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	41.1	33.5	50.3

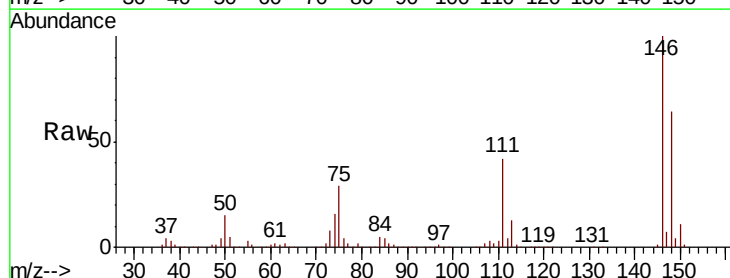


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

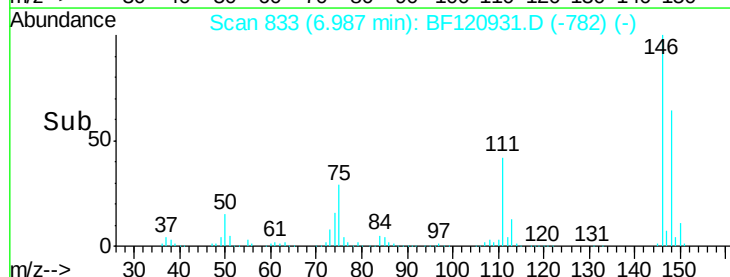
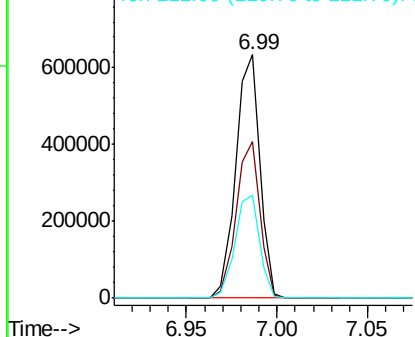


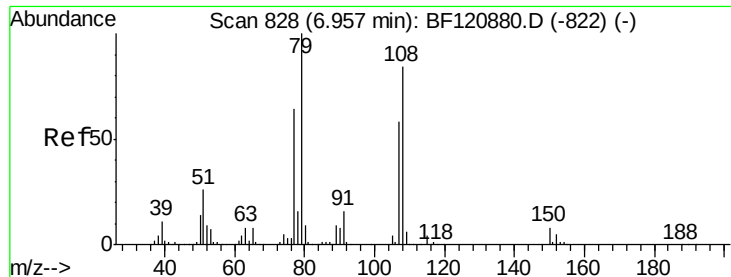
#14
 1,2-Dichlorobenzene
 Concen: 46.747 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
111	42.2	34.2	51.2



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: 47.664 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

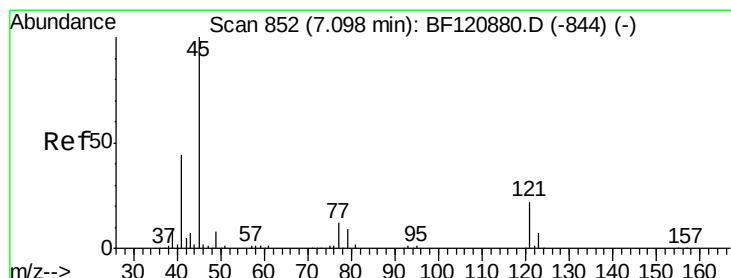
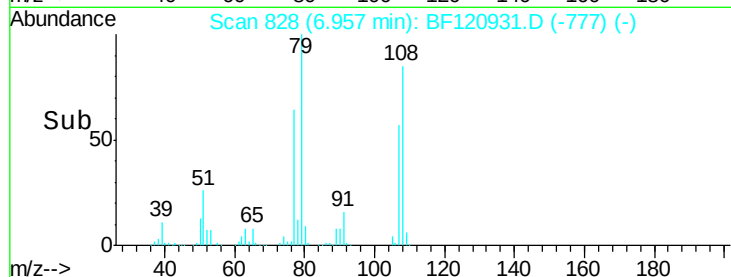
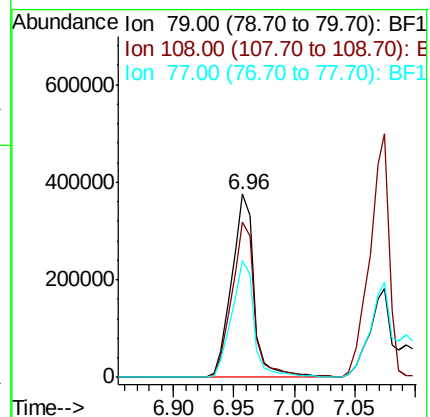
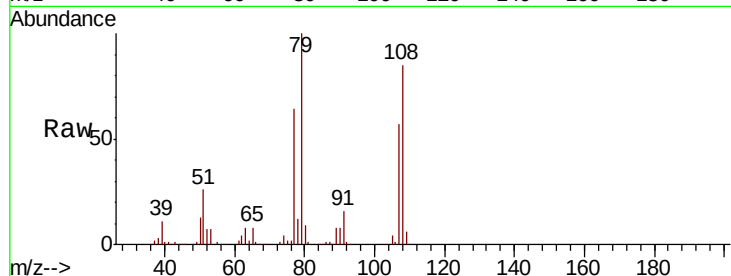
Tot Ion: 79 Resp: 485828

Ion Ratio Lower Upper

79 100

108 84.7 67.0 100.6

77 64.1 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.464 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

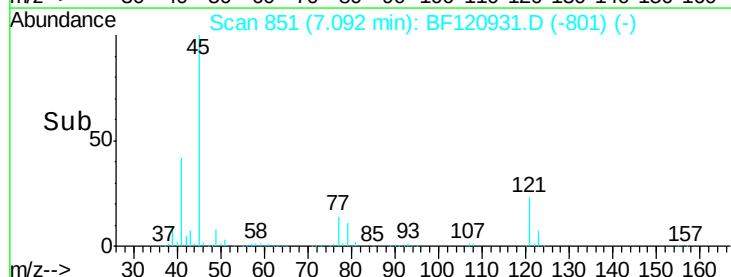
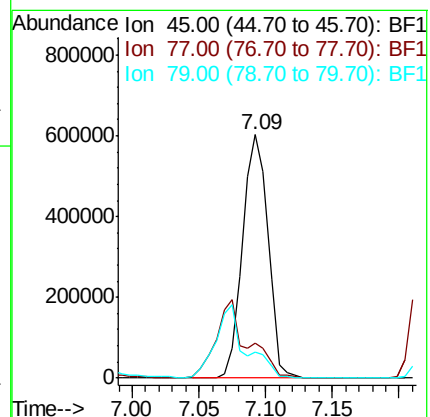
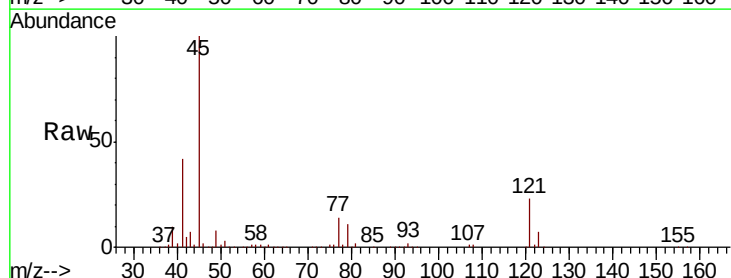
Tgt Ion: 45 Resp: 796241

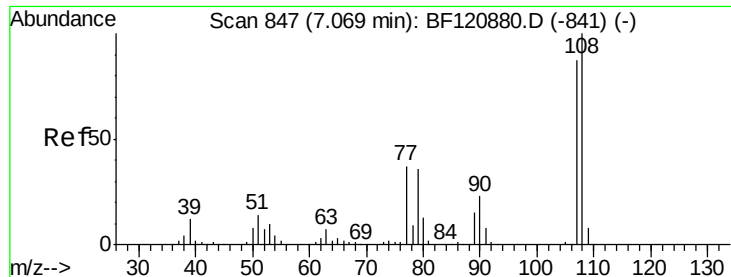
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.3

79 10.9 0.0 31.0

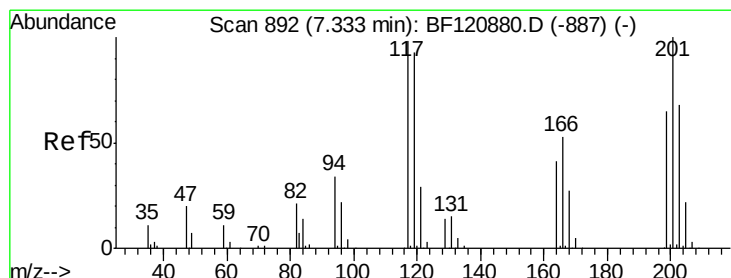
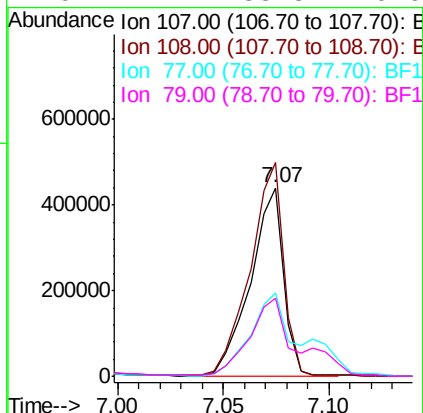
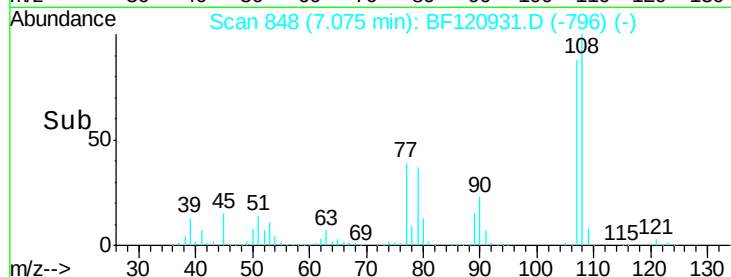
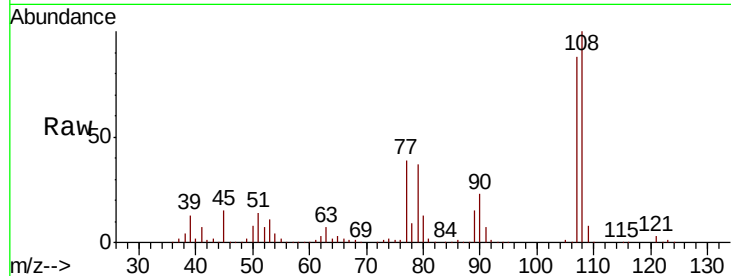




#17
2-Methylphenol
Concen: 43.864 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

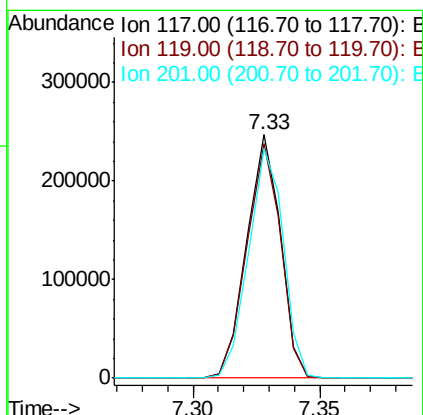
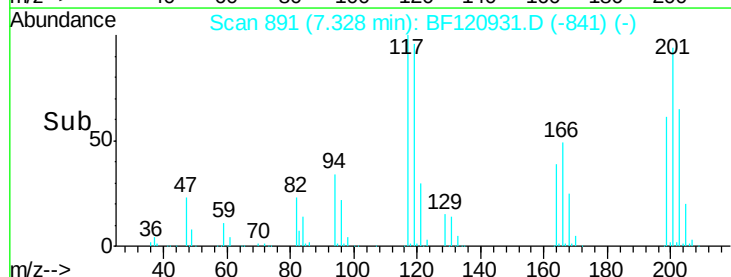
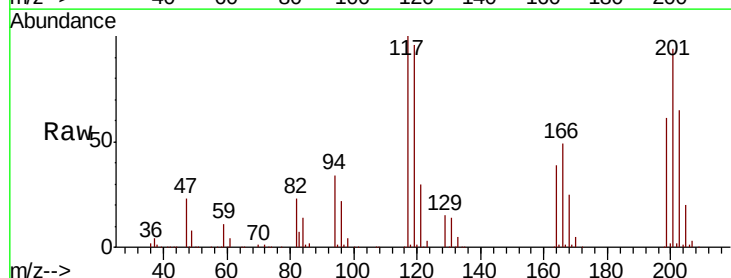
Instrument :
BNA_F
ClientSampleId :
SP5204

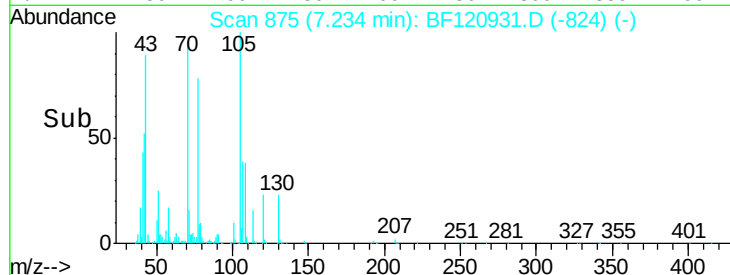
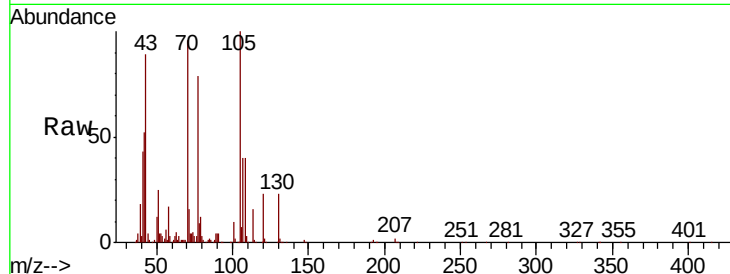
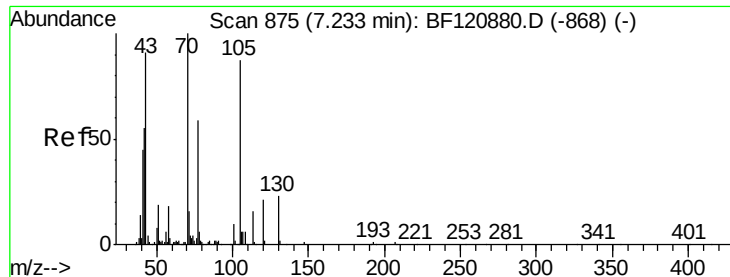
Tot Ion:107 Resp: 477875
Ion Ratio Lower Upper
107 100
108 113.4 92.0 138.0
77 44.1 34.0 51.0
79 41.4 33.3 49.9



#18
Hexachloroethane
Concen: 47.945 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion:117 Resp: 229991
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0
201 94.3 81.7 122.5

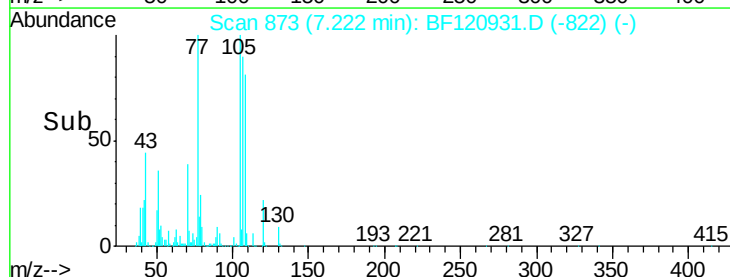
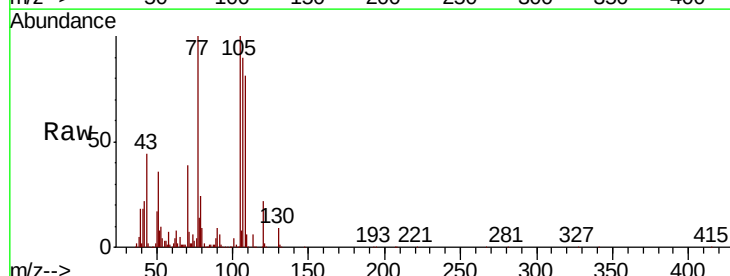
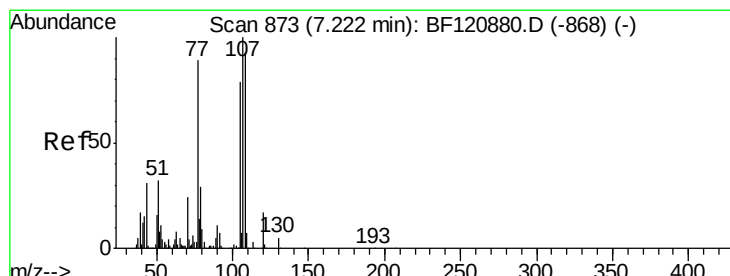
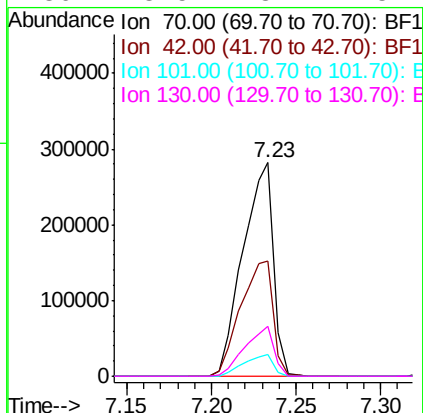




#19
n-Nitroso-di-n-propylamine
Concen: 43.252 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

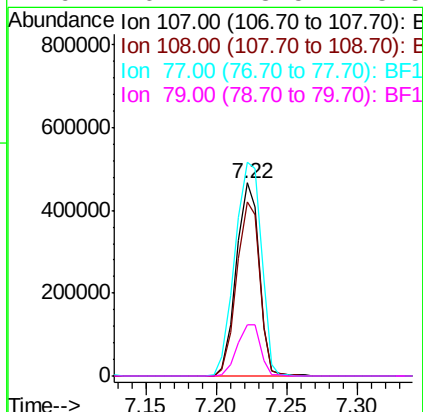
Instrument :
BNA_F
ClientSampleId :
SP5204

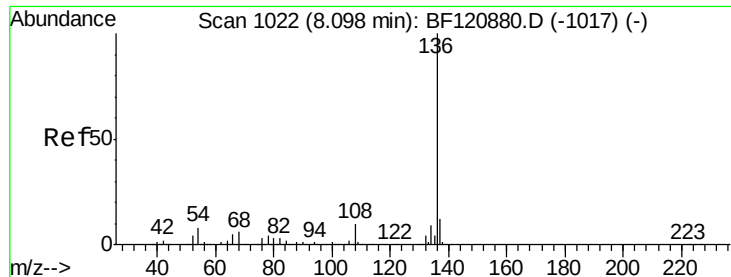
Tot Ion:	70	Resp:	354481
Ion	Ratio	Lower	Upper
70	100		
42	53.9	44.0	66.0
101	9.9	7.8	11.6
130	23.5	18.7	28.1



#20
3+4-Methylphenols
Concen: 37.787 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion:	107	Resp:	523684
Ion	Ratio	Lower	Upper
107	100		
108	90.0	72.8	112.8
77	110.7	68.7	108.7#
79	26.4	8.5	48.5

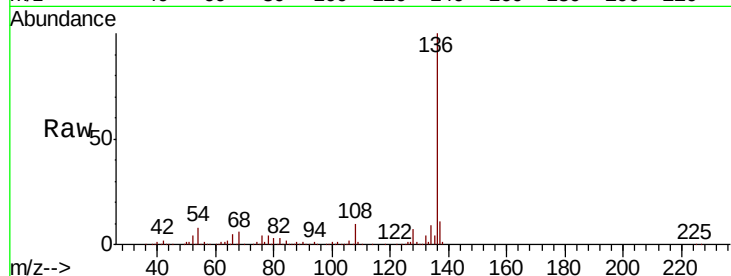




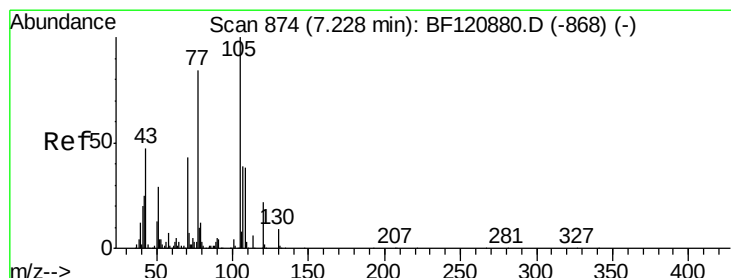
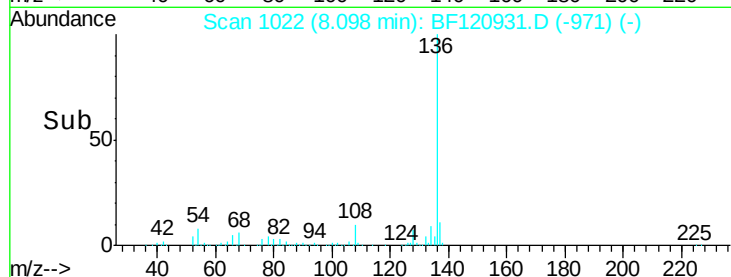
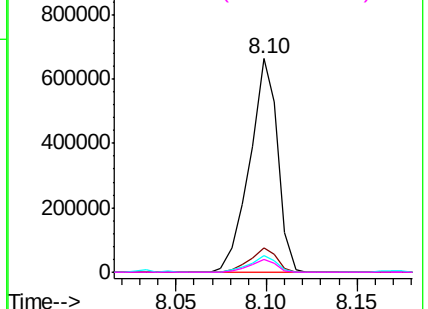
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion:136	Resp:	710269
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.3 13.9
54	7.5	6.3 9.5
68	6.3	5.0 7.4

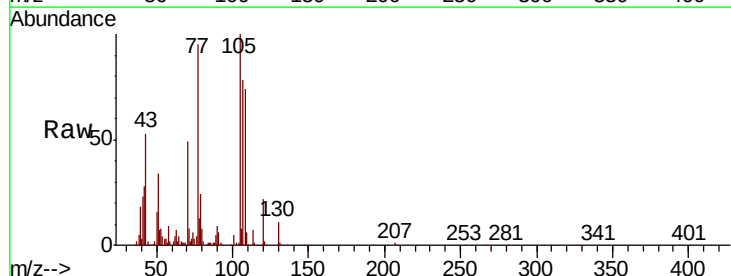


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

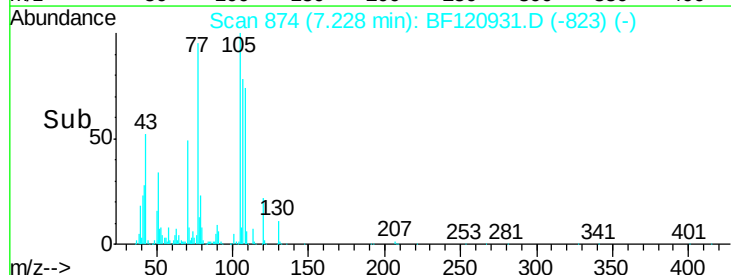
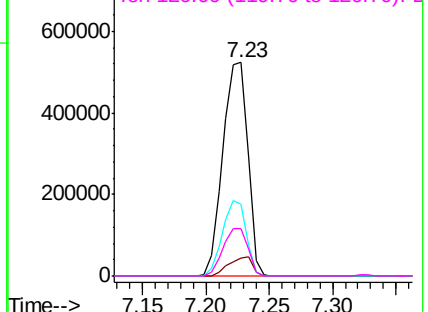


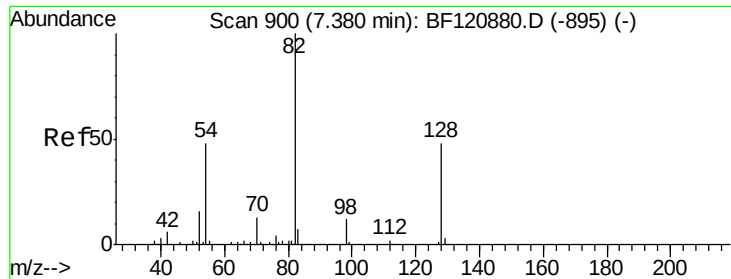
#22
Acetophenone
Concen: 44.869 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion:105	Resp:	715234
Ion	Ratio	Lower Upper
105	100	
71	8.3	5.7 8.5
51	33.8	22.9 34.3
120	22.5	18.0 27.0



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

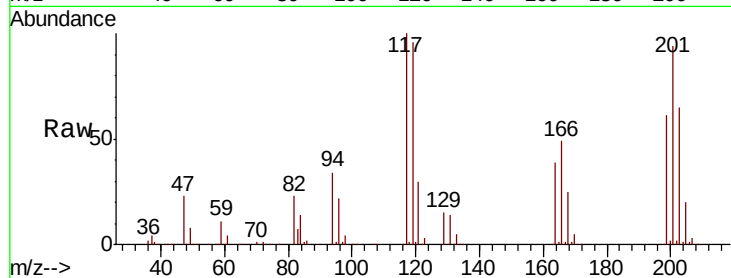




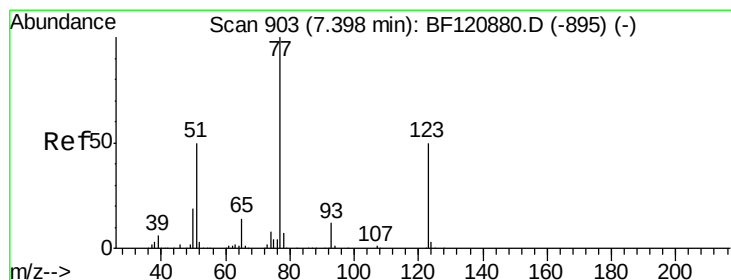
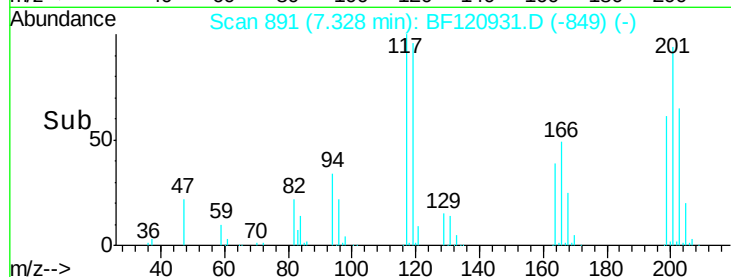
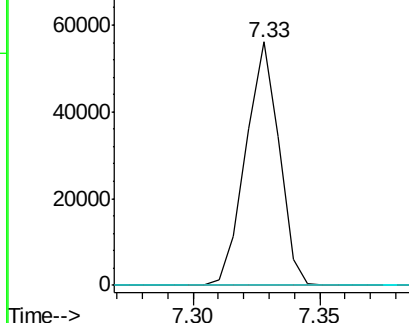
#23
 Nitrobenzene-d5
 Concen: 4.187 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.05 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SP5204

Tot Ion	82	Resp	51394
Ion Ratio	100		
Lower		38.2	57.4#
Upper		38.7	58.1#

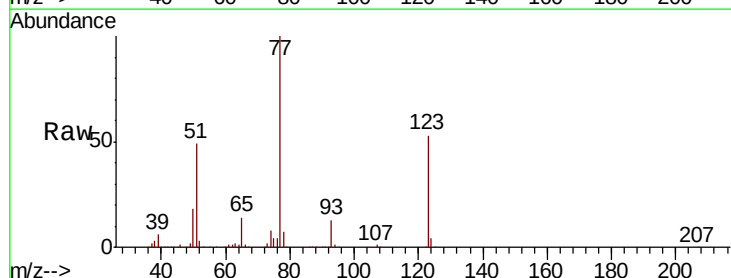


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

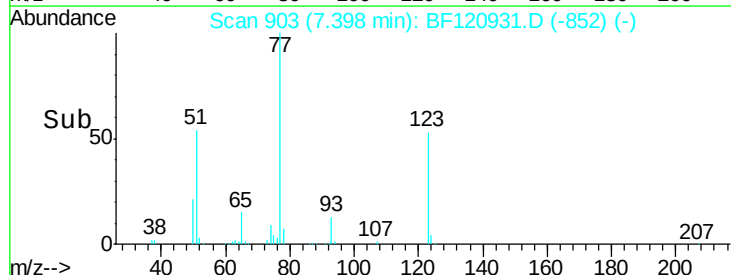
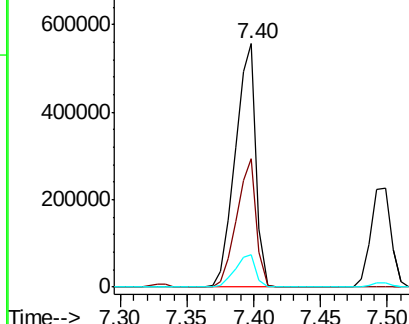


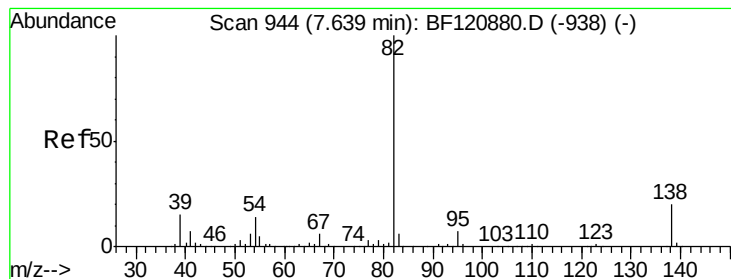
#24
 Nitrobenzene
 Concen: 45.362 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion	77	Resp	600140
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		40.1	60.1
Upper		10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.892 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampled :

SP5204

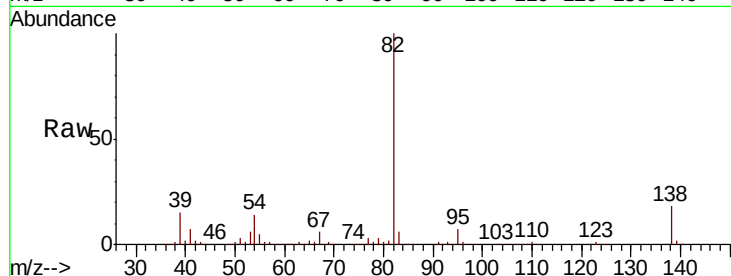
Tot Ion: 82 Resp: 1124261

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

138 18.5 15.6 23.4



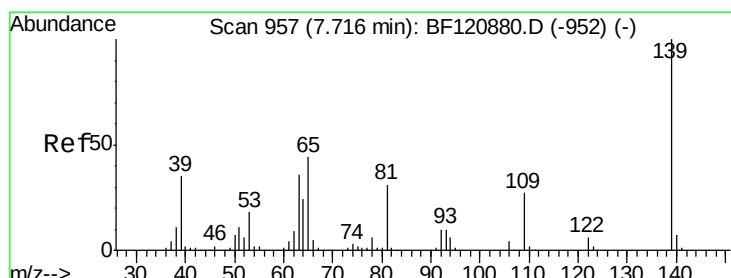
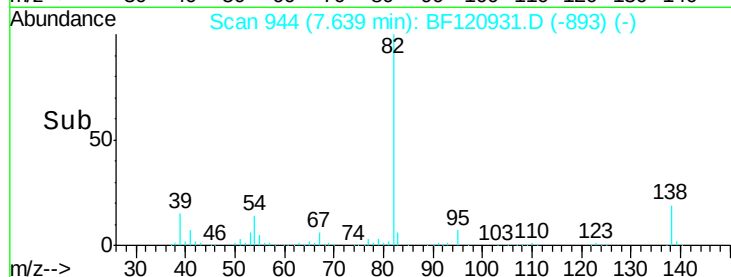
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

7.64

Time-->



#26

2-Nitrophenol

Concen: 51.263 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

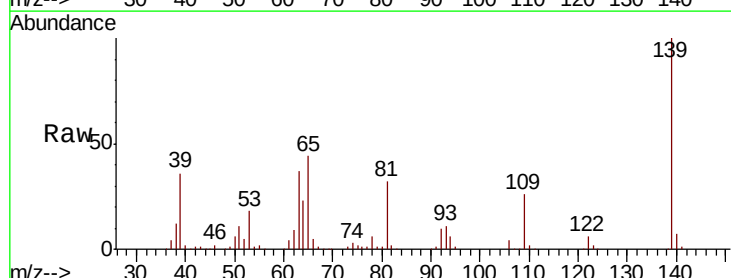
Tgt Ion: 139 Resp: 322103

Ion Ratio Lower Upper

139 100

109 26.1 21.6 32.4

65 43.6 35.3 52.9



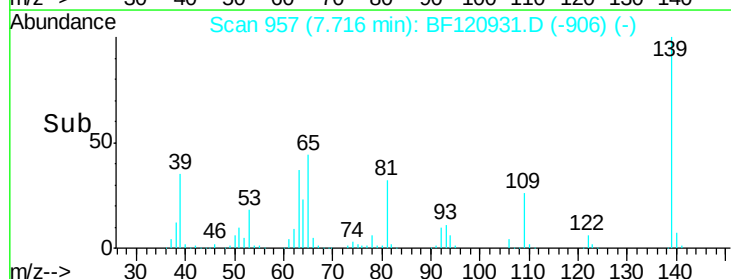
Abundance Ion 139.00 (138.70 to 139.70): BF1

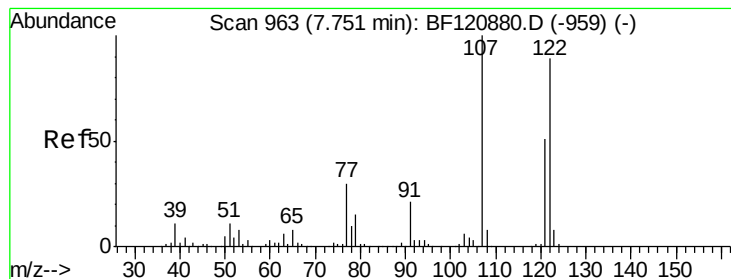
Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

7.72

Time-->





#27

2,4-Dimethylphenol

Concen: 51.988 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

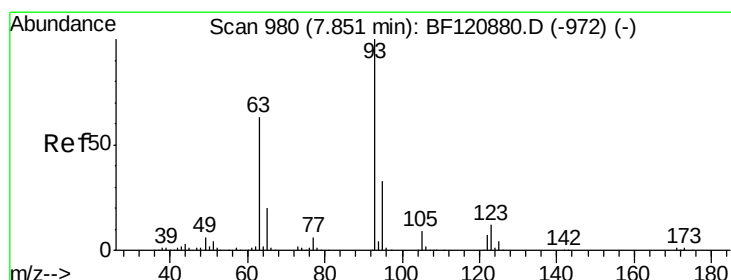
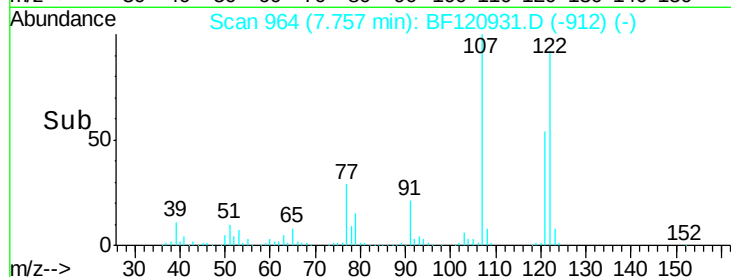
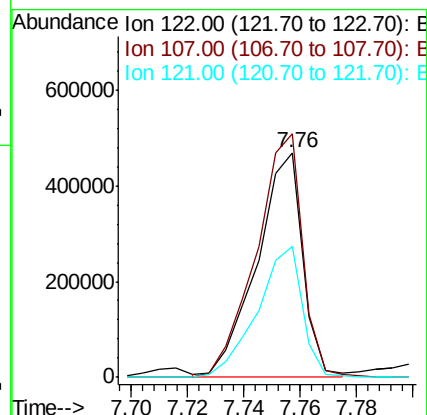
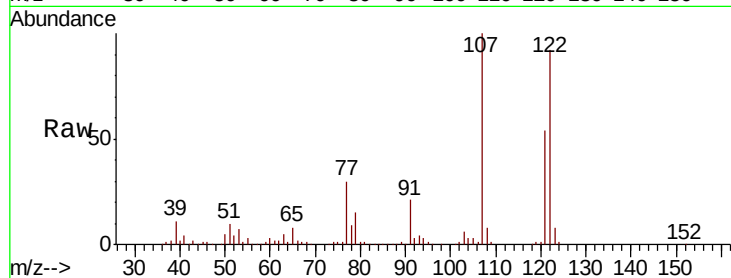
Tot Ion:122 Resp: 530370

Ion Ratio Lower Upper

122 100

107 108.4 89.4 134.0

121 58.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.681 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

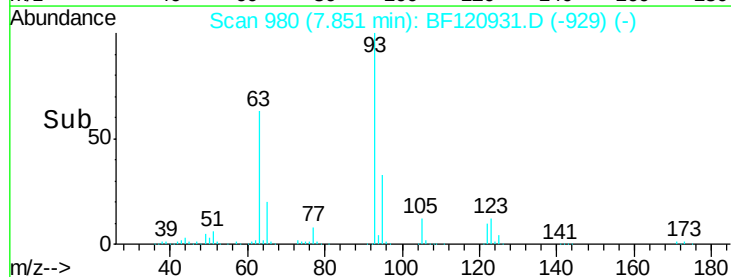
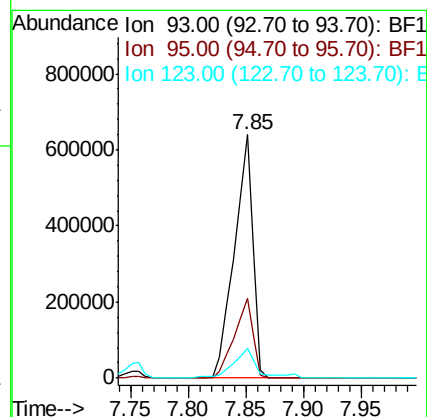
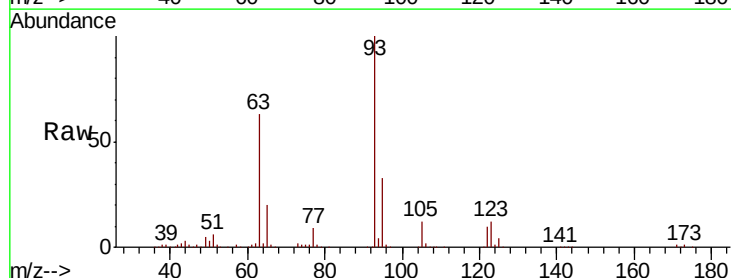
Tgt Ion: 93 Resp: 713026

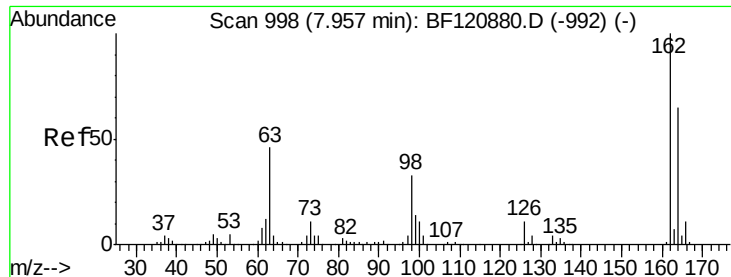
Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

123 12.2 10.0 15.0

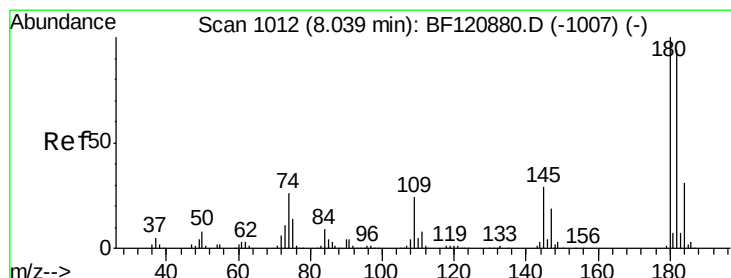
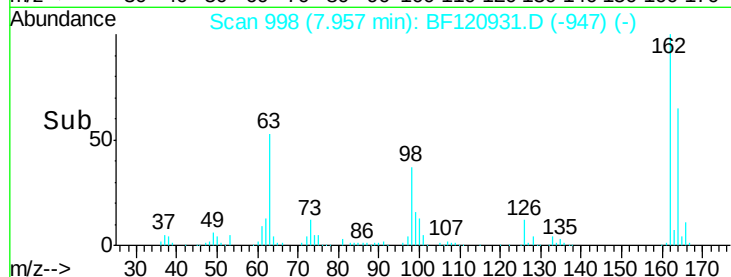
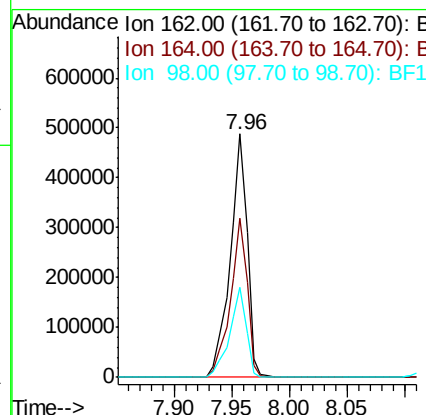
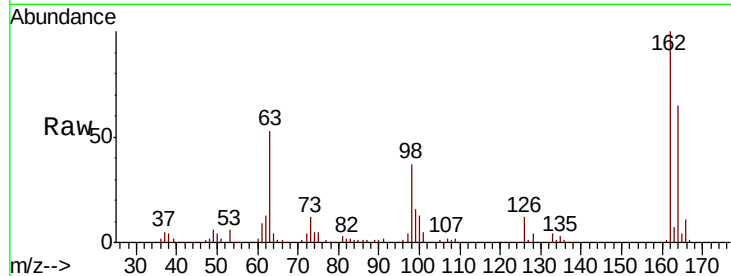




#29
 2,4-Dichlorophenol
 Concen: 47.793 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

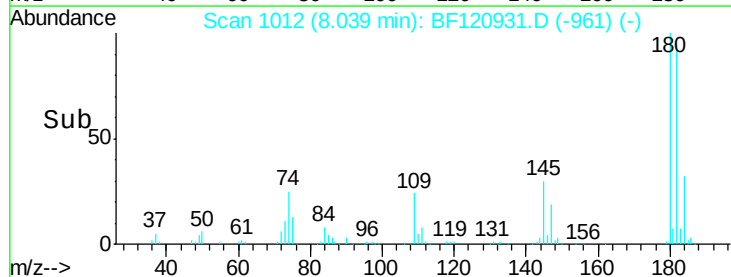
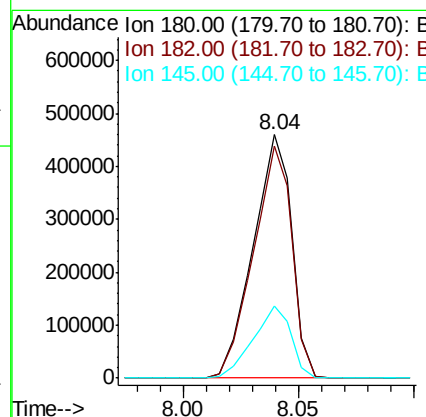
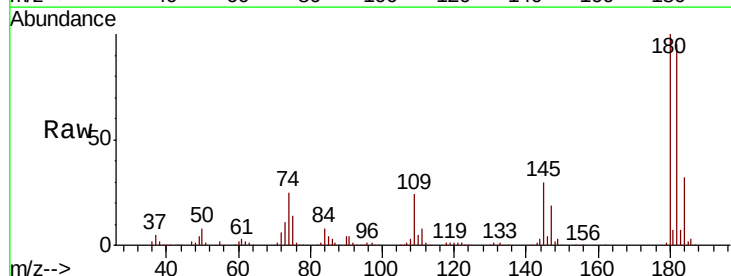
Instrument :
 BNA_F
 ClientSampled :
 SP5204

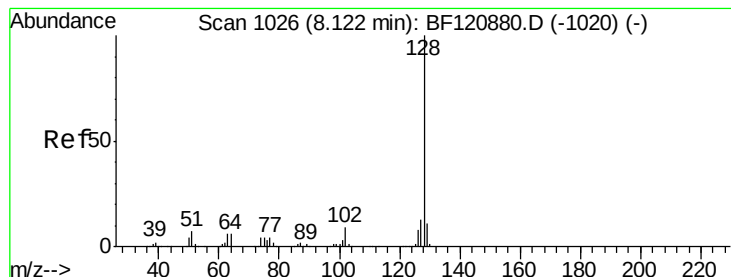
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.3	85.3
98	36.9	13.3	53.3



#30
 1,2,4-Trichlorobenzene
 Concen: 46.170 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.0	112.6
145	29.8	23.5	35.3





#31

Naphthalene

Concen: 45.077 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

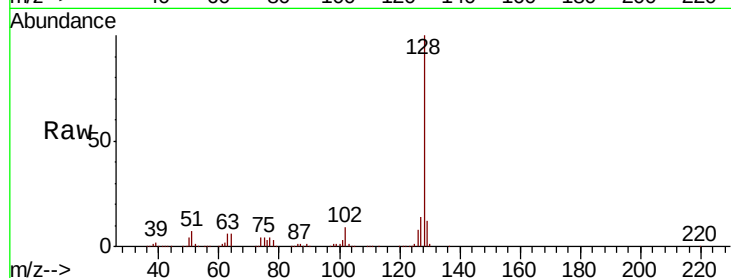
Tot Ion:128 Resp: 1642326

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

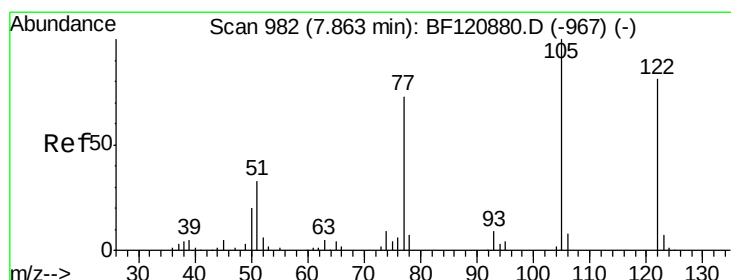
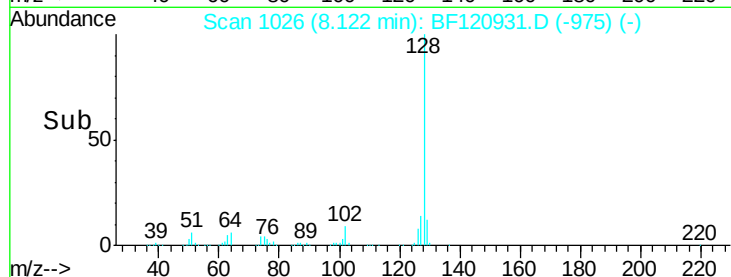
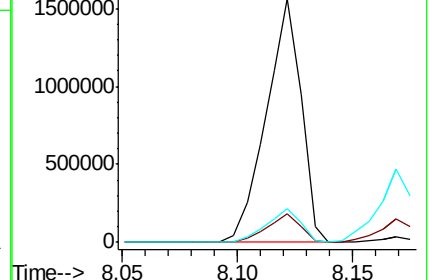
127 13.8 10.7 16.1



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: 56.319 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.03 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

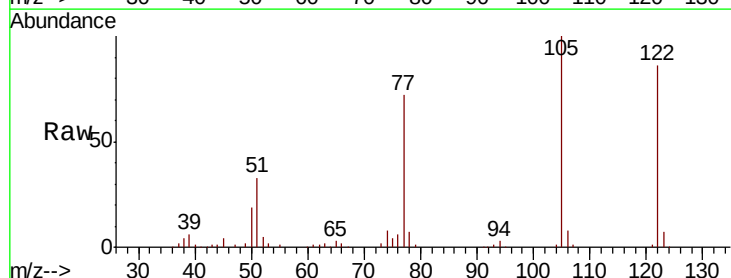
Tgt Ion:122 Resp: 431293

Ion Ratio Lower Upper

122 100

105 115.8 101.3 141.3

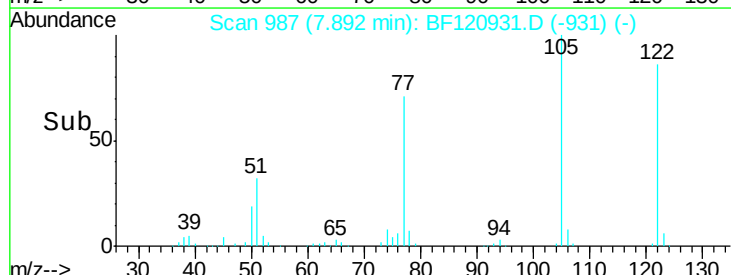
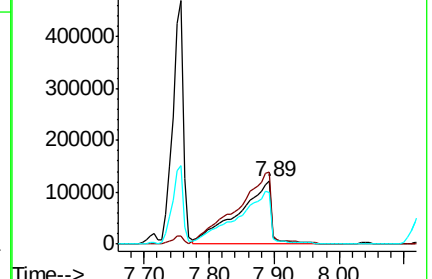
77 83.3 69.1 109.1

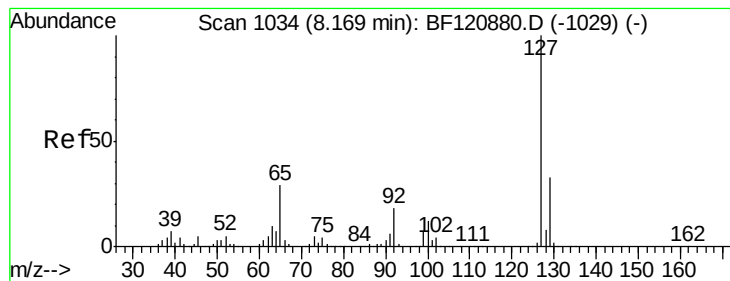


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 29.685 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

Tot Ion:127 Resp: 482455

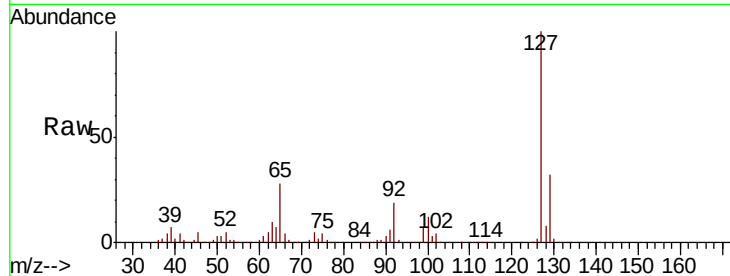
Ion Ratio Lower Upper

127 100

129 32.2 26.5 39.7

65 28.5 23.0 34.4

92 18.5 14.5 21.7

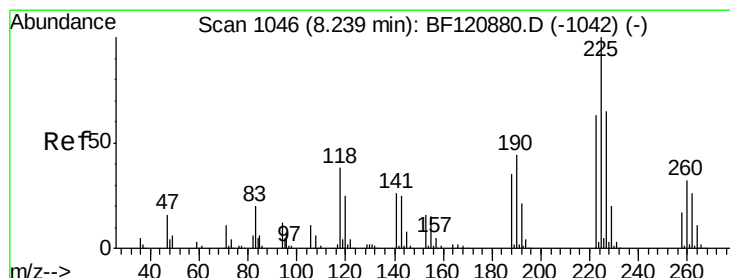
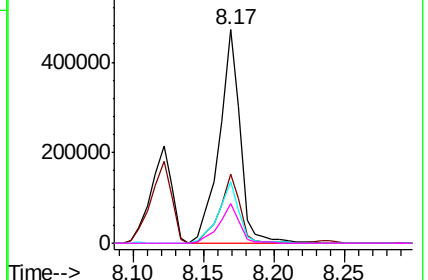
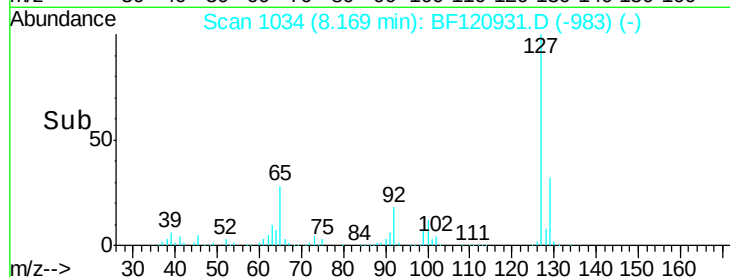


Abundance Ion 127.00 (126.70 to 127.70): E

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: 44.250 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

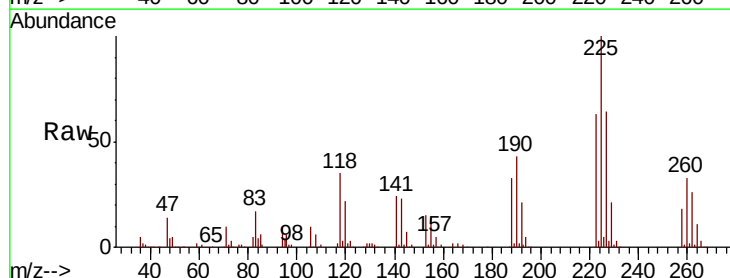
Tgt Ion:225 Resp: 301703

Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

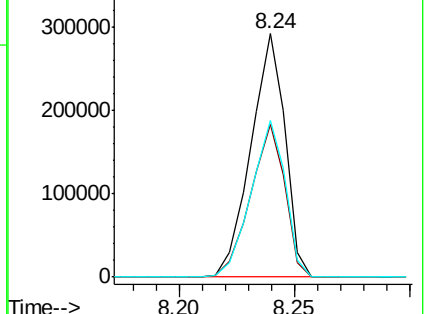
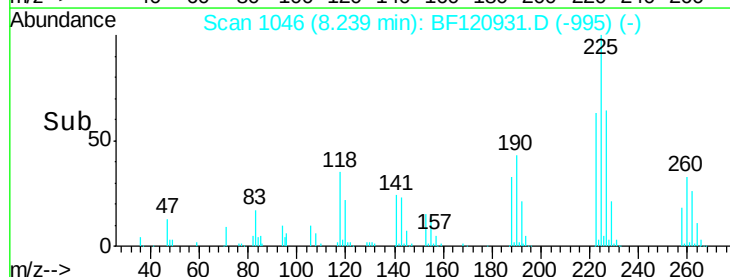
227 64.1 52.2 78.2

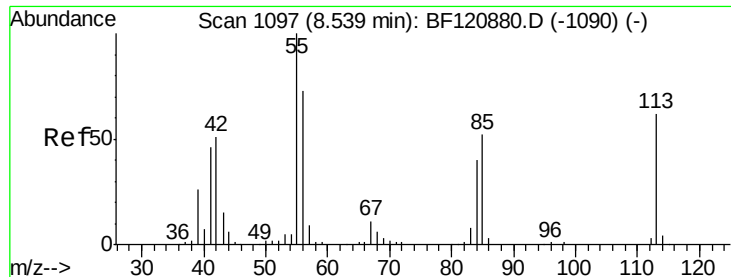


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

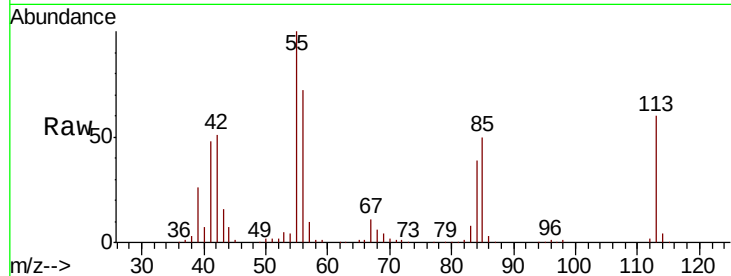




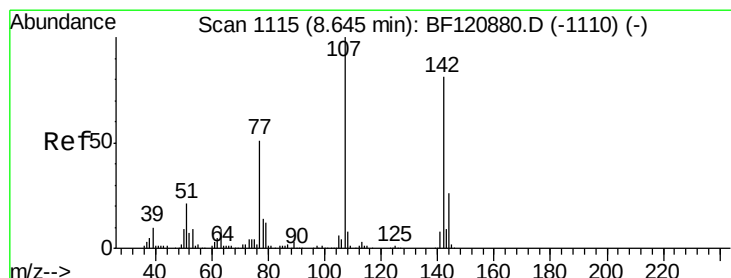
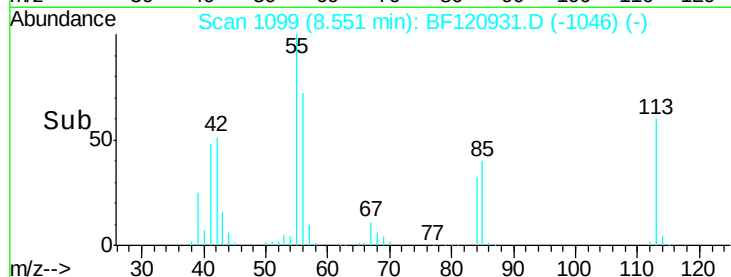
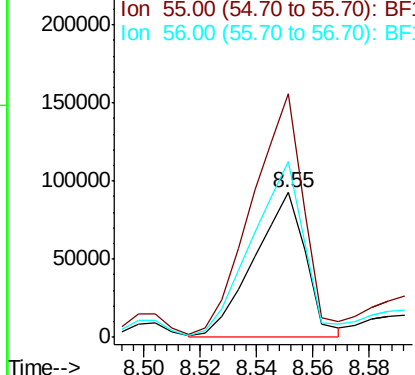
#35
 Caprolactam
 Concen: 35.088 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SP5204

Tot Ion:113 Resp: 117299
 Ion Ratio Lower Upper
 113 100
 55 167.9 143.3 183.3
 56 121.5 99.4 139.4

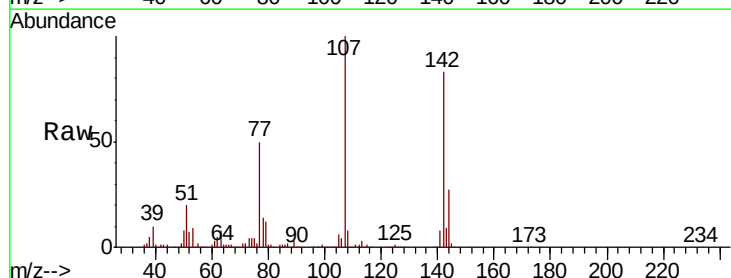


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

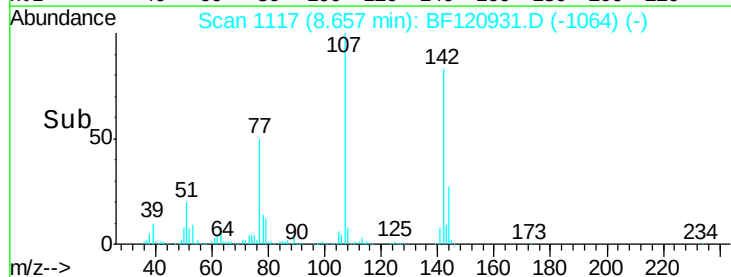
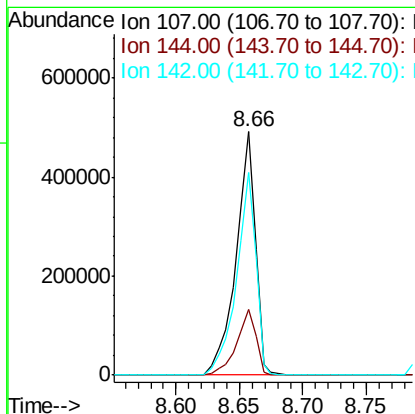


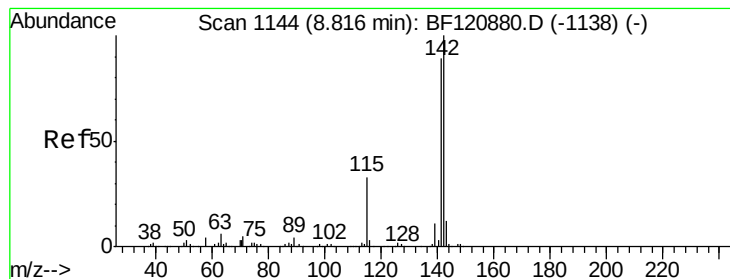
#36
 4-Chloro-3-methylphenol
 Concen: 48.448 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion:107 Resp: 517979
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.0 31.6
 142 83.5 65.0 97.6



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: 47.461 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

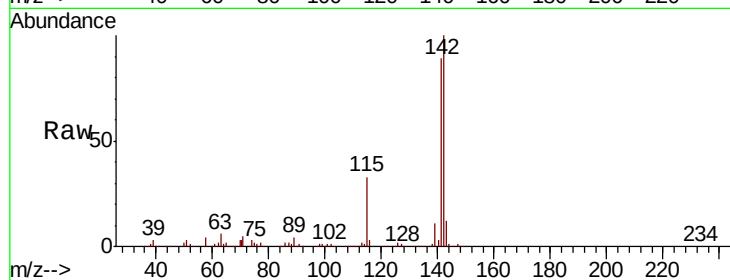
Tot Ion:142 Resp: 1122760

Ion Ratio Lower Upper

142 100

141 89.2 71.0 106.4

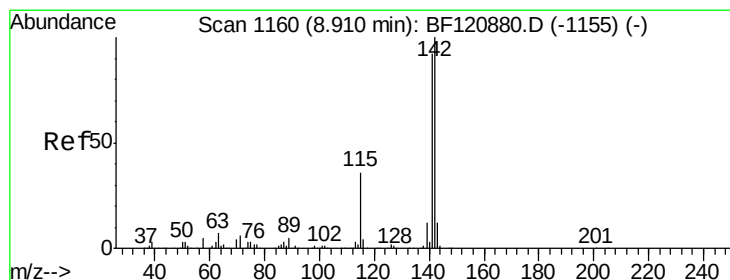
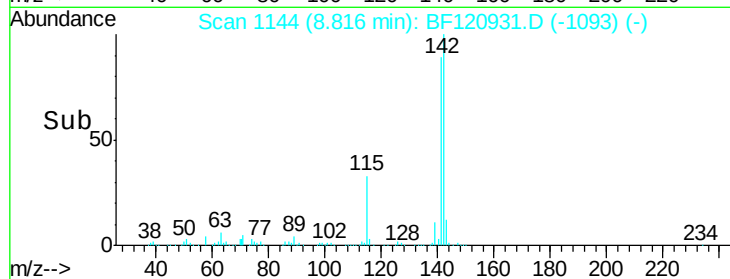
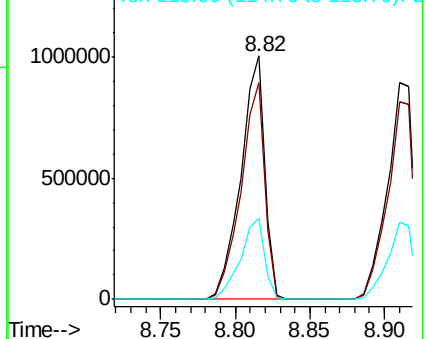
115 33.3 26.0 39.0



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: 47.510 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

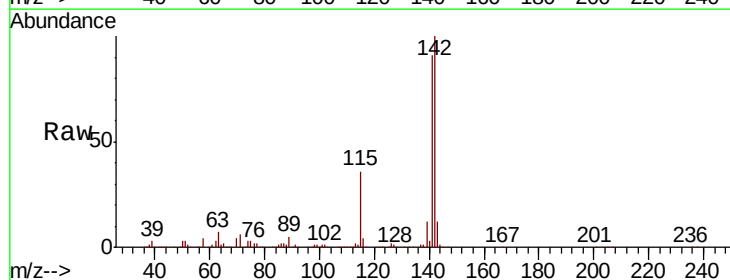
Tgt Ion:142 Resp: 1064451

Ion Ratio Lower Upper

142 100

141 91.0 73.7 110.5

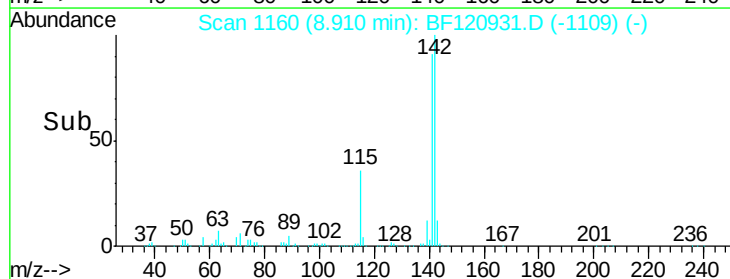
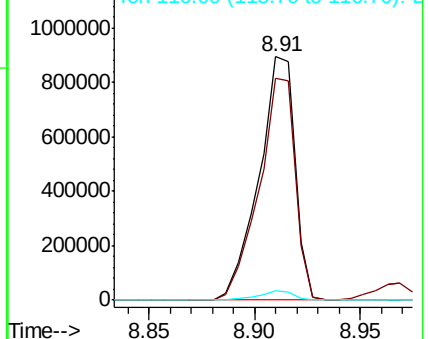
116 3.8 3.0 4.6

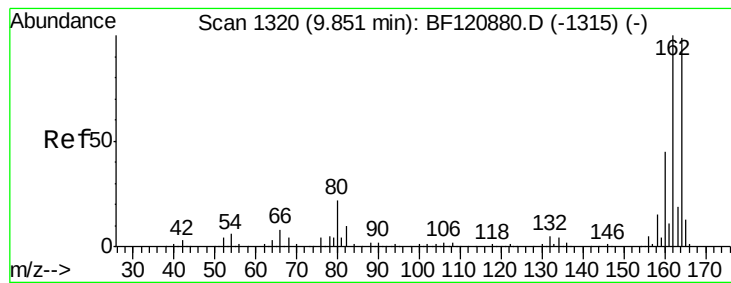


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampled :

SP5204

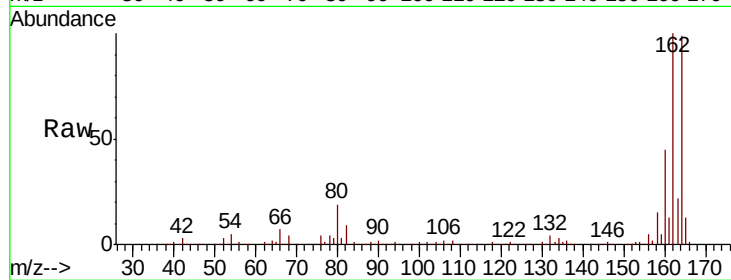
Tot Ion:164 Resp: 384922

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

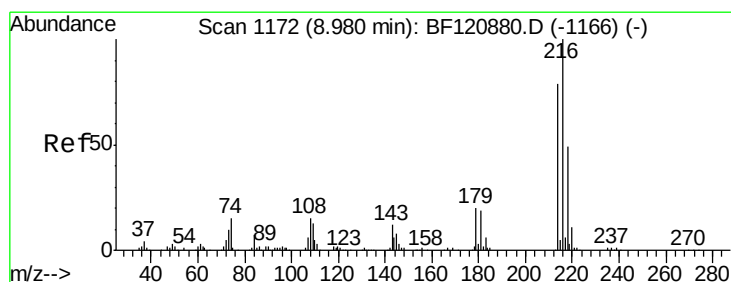
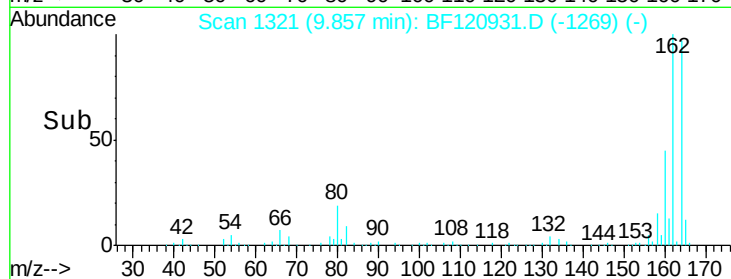
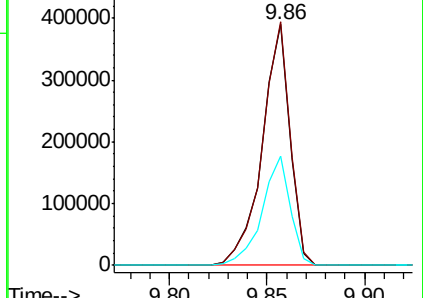
160 45.5 36.9 55.3



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: 43.132 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Tgt Ion:216 Resp: 483725

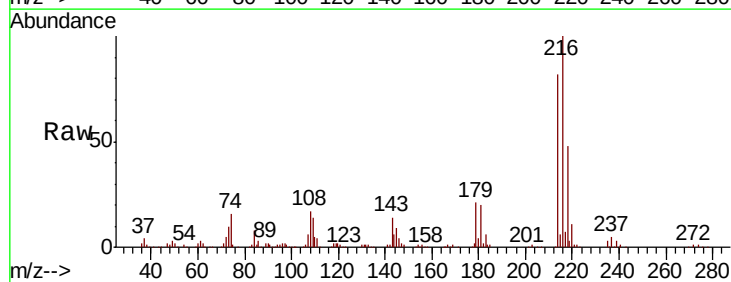
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.8

179 20.6 16.6 24.8

108 20.8 15.4 23.0

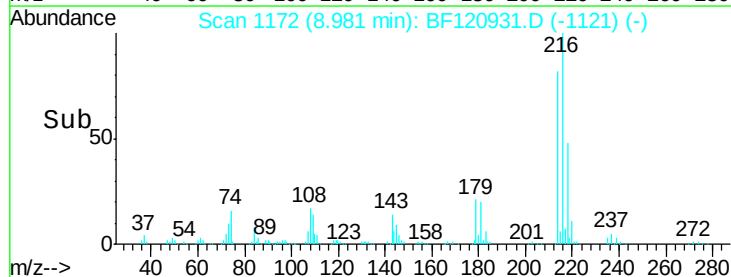
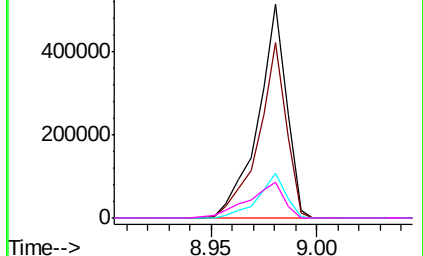


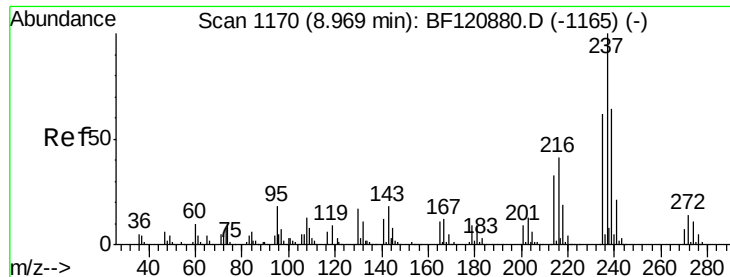
Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.688 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

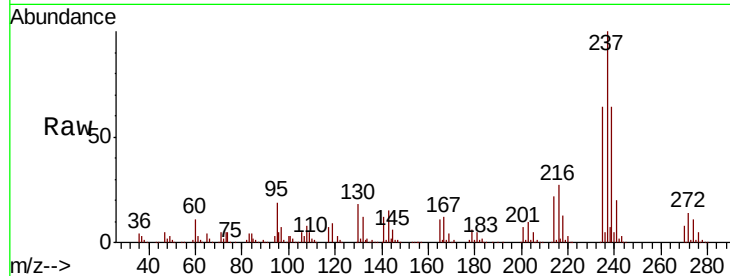
Tot Ion: 237 Resp: 611698

Ion Ratio Lower Upper

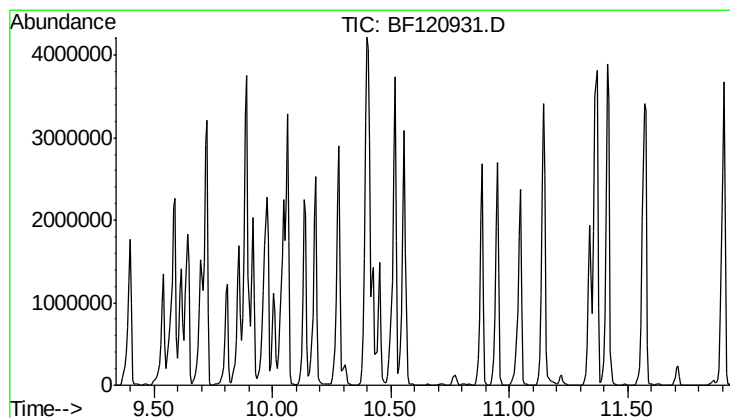
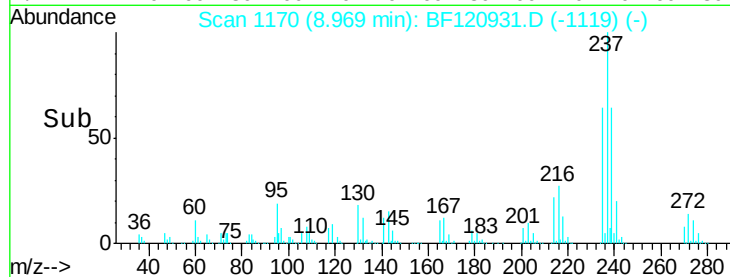
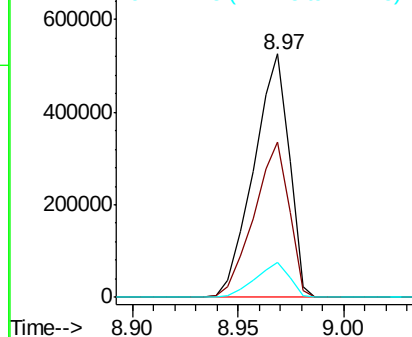
237 100

235 64.0 41.6 81.6

272 14.3 0.0 33.7



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: 10.64 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

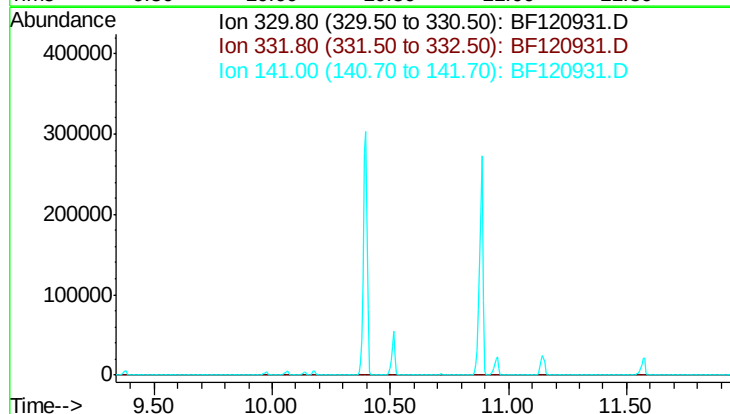
Tgt Ion: 330

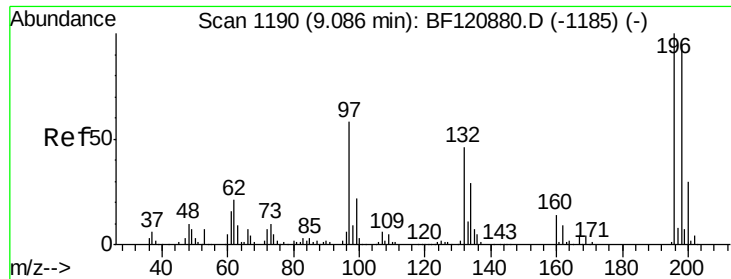
Sig Exp Ratio

330 100

332 94.4

141 32.1

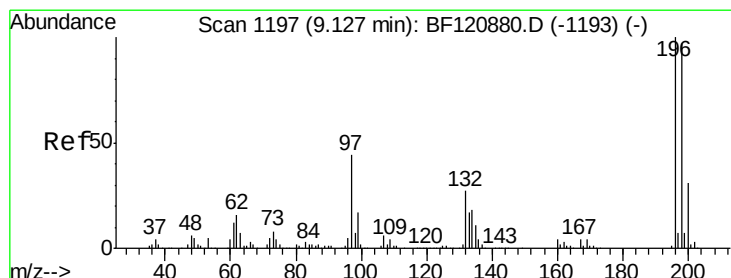
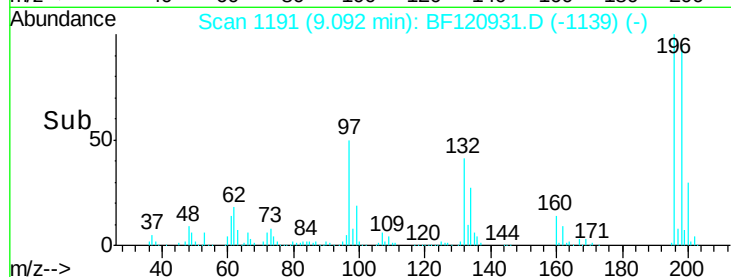
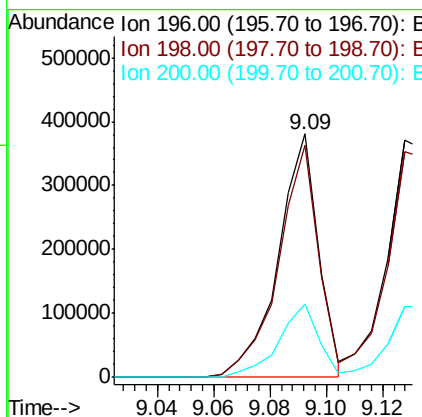
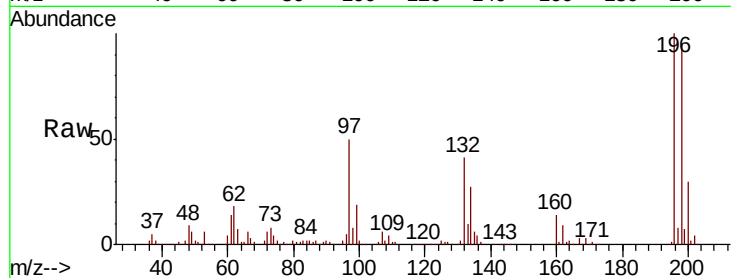




#43
 2,4,6-Trichlorophenol
 Concen: 47.763 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

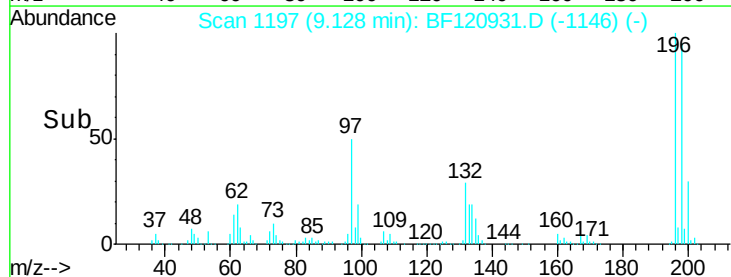
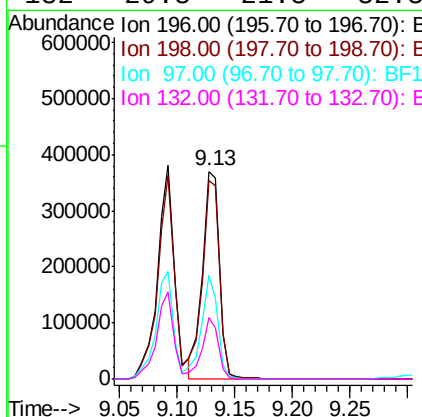
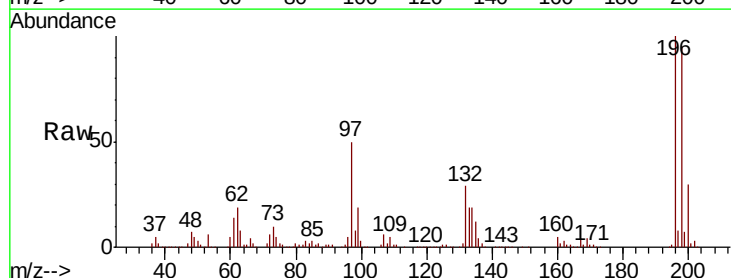
Instrument :
 BNA_F
 ClientSampled :
 SP5204

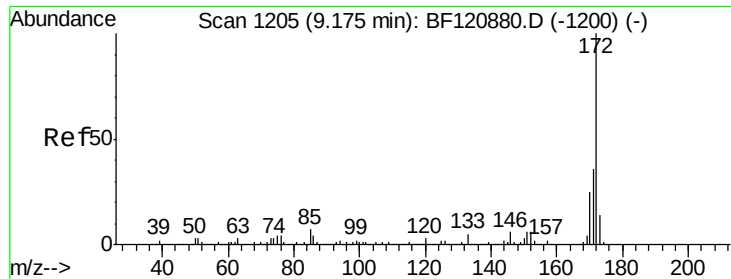
Tot Ion:196 Resp: 377157
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 30.3 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.039 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion:196 Resp: 385507
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.6 116.4
 97 50.1 35.6 53.4
 132 29.3 21.5 32.3

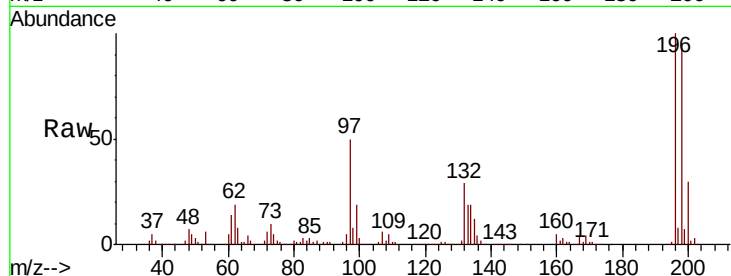




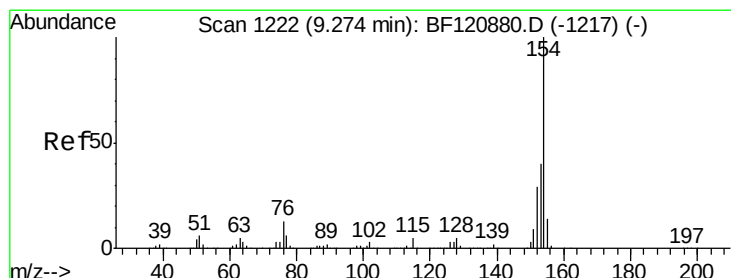
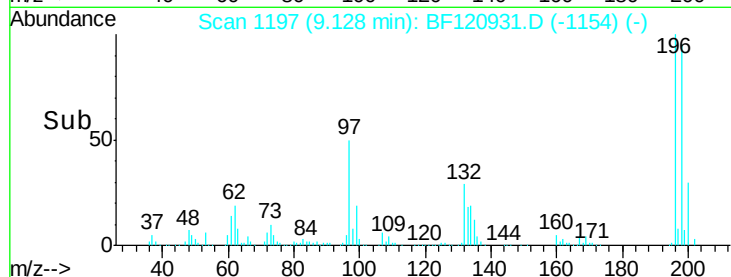
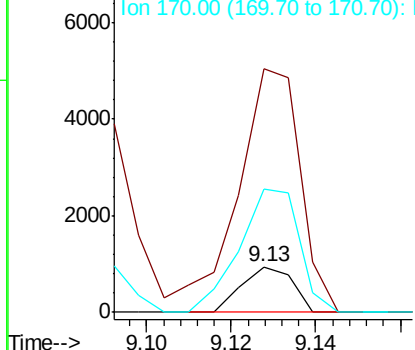
#45
2-Fluorobiphenyl
Concen: 0.031 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.05 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion:172 Resp: 789
Ion Ratio Lower Upper
172 100
171 536.0 29.0 43.4#
170 271.6 19.6 29.4#

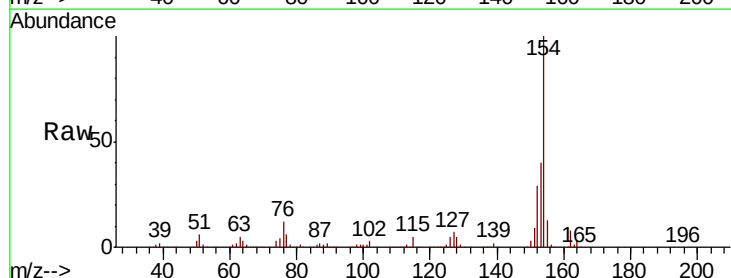


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

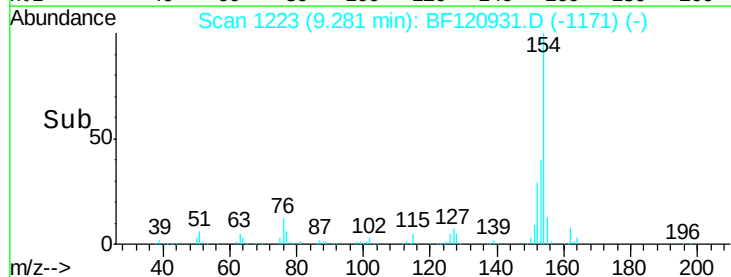
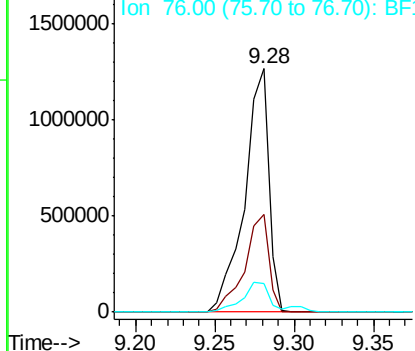


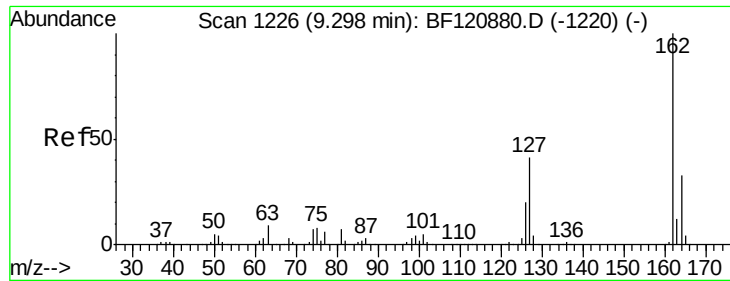
#46
1,1'-Biphenyl
Concen: 45.527 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion:154 Resp: 1336744
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.9 0.0 33.1



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

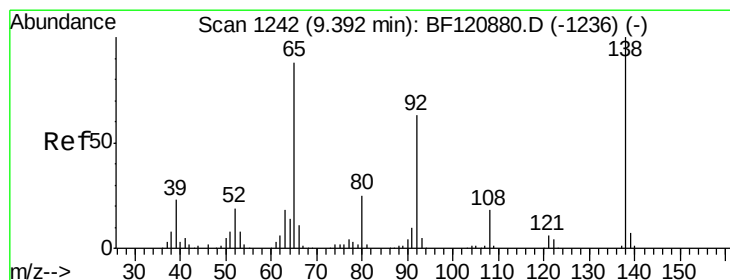
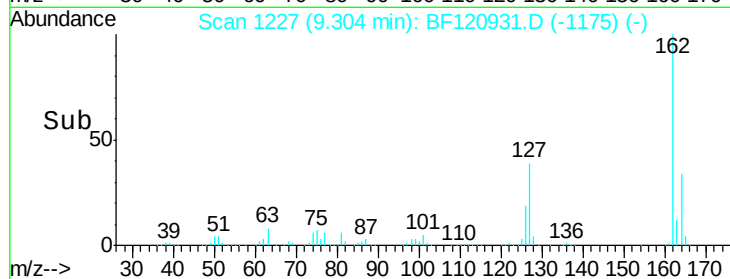
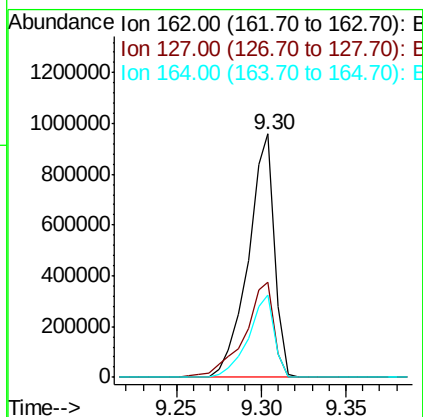
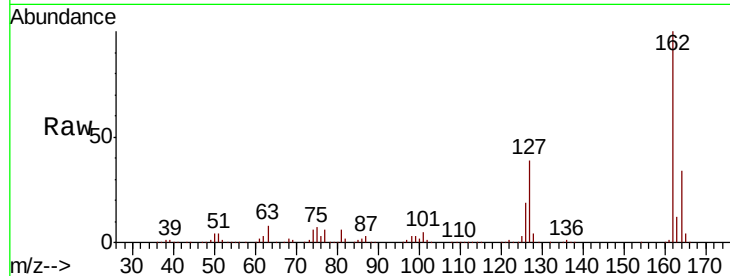




#47
 2-Chloronaphthalene
 Concen: 43.350 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

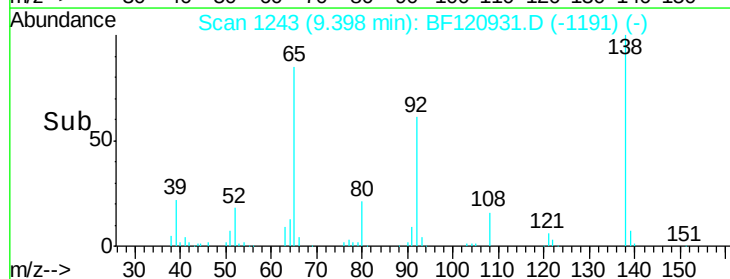
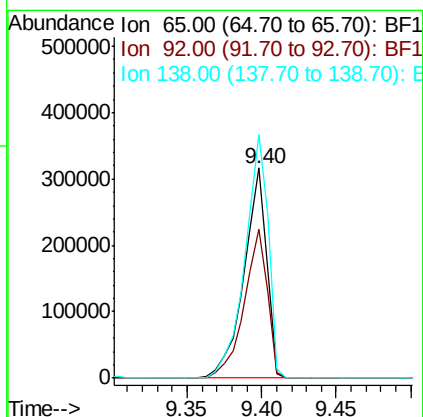
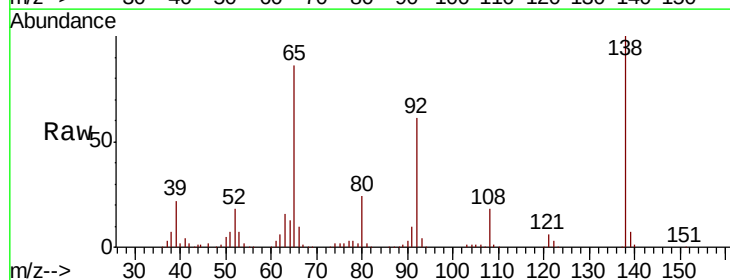
Instrument :
 BNA_F
 ClientSampleId :
 SP5204

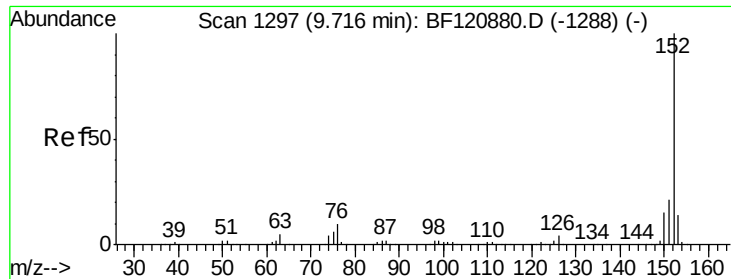
Tot Ion:162 Resp: 1037760
 Ion Ratio Lower Upper
 162 100
 127 39.2 33.3 49.9
 164 33.7 26.6 39.8



#48
 2-Nitroaniline
 Concen: 46.247 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion: 65 Resp: 334575
 Ion Ratio Lower Upper
 65 100
 92 70.8 57.0 85.4
 138 116.1 90.4 135.6





#49

Acenaphthylene

Concen: 45.322 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

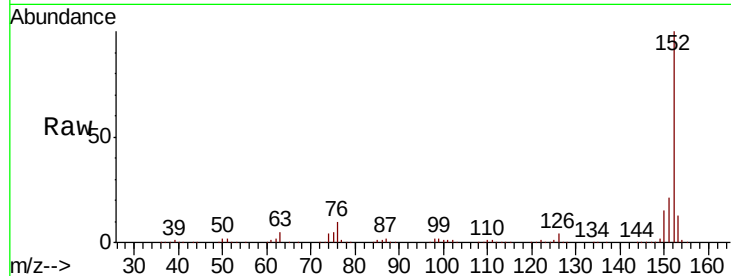
Tot Ion:152 Resp: 1685504

Ion Ratio Lower Upper

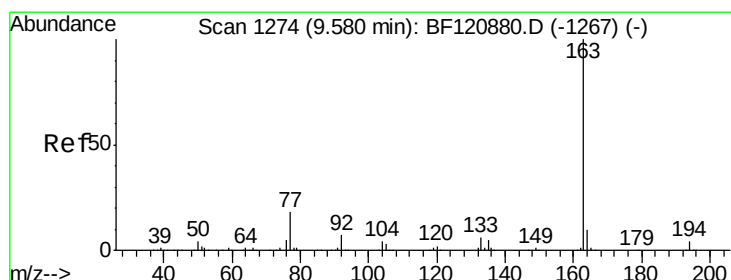
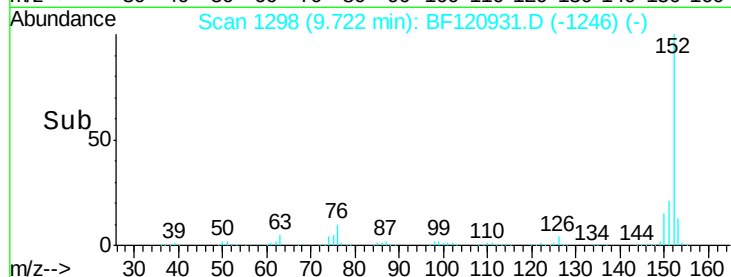
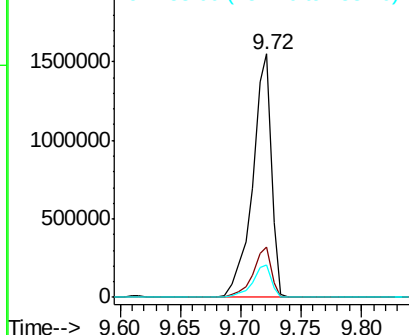
152 100

151 20.9 16.6 25.0

153 13.4 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.188 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

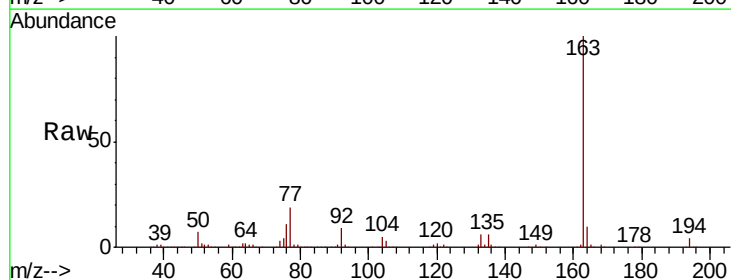
Tgt Ion:163 Resp: 1254865

Ion Ratio Lower Upper

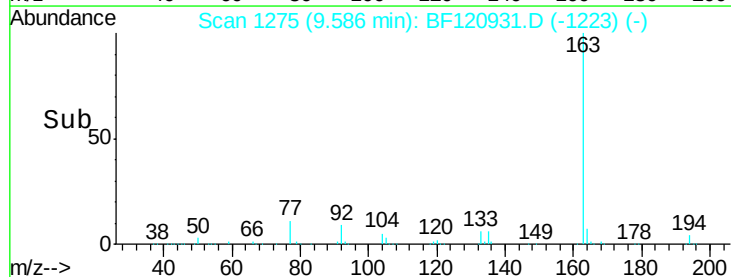
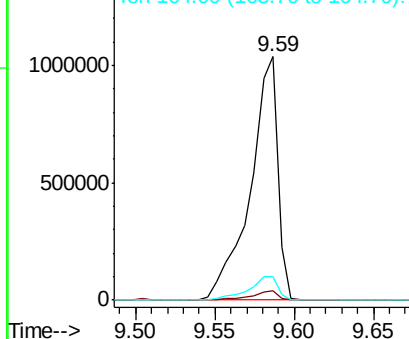
163 100

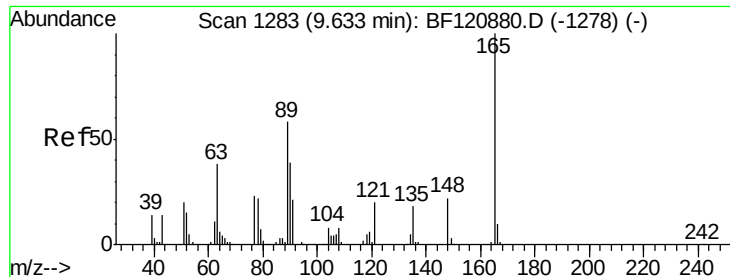
194 3.9 3.2 4.8

164 9.9 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.971 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

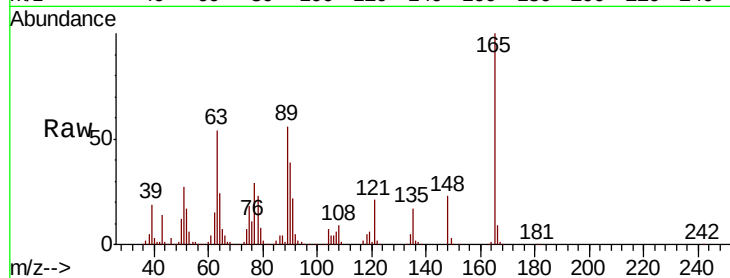
Tot Ion:165 Resp: 286201

Ion Ratio Lower Upper

165 100

63 54.2 45.4 68.2

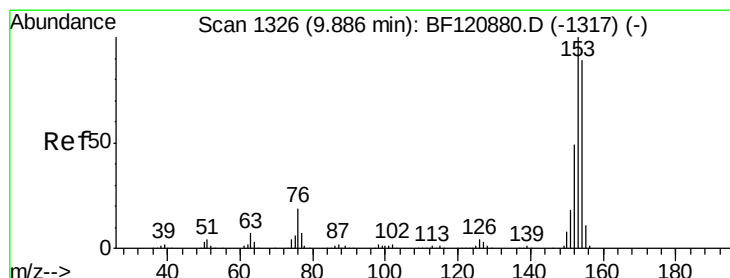
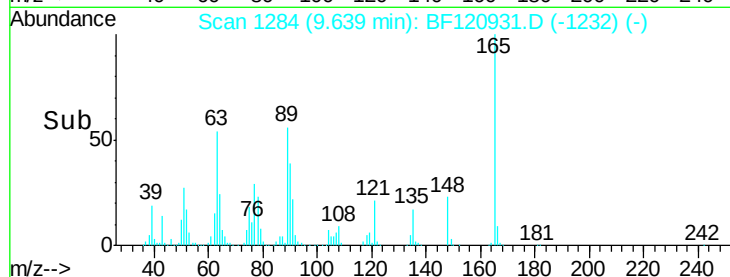
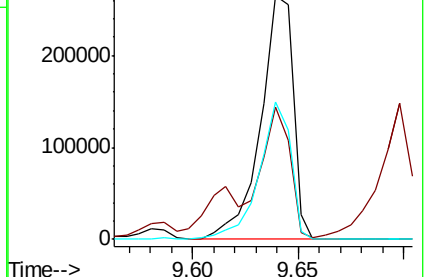
89 56.2 47.0 70.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 43.577 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

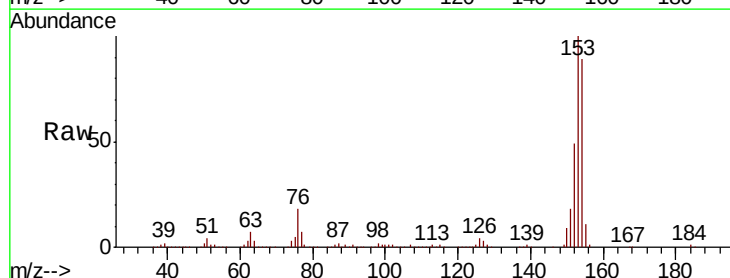
Tgt Ion:154 Resp: 1030328

Ion Ratio Lower Upper

154 100

153 112.7 89.5 134.3

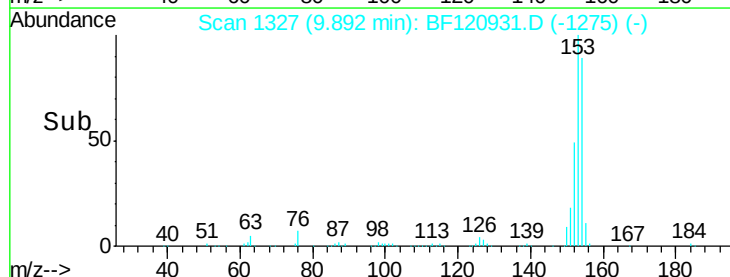
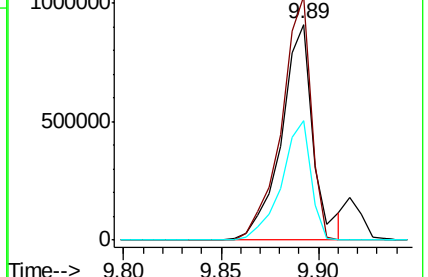
152 55.1 44.2 66.2

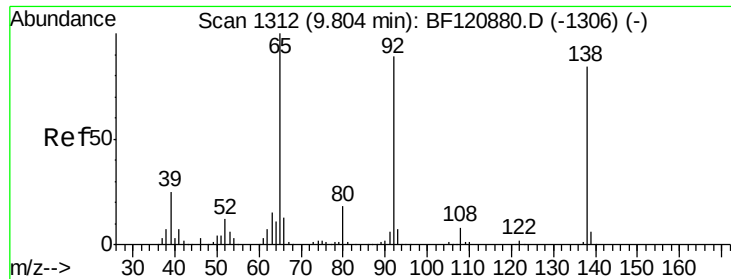


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

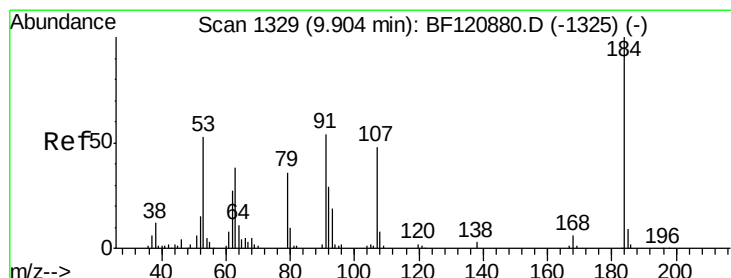
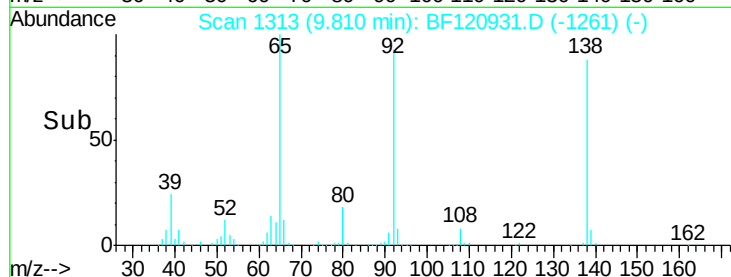
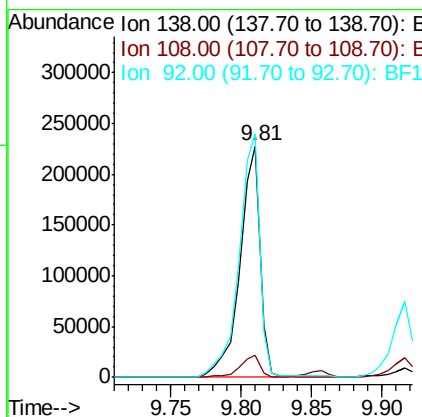
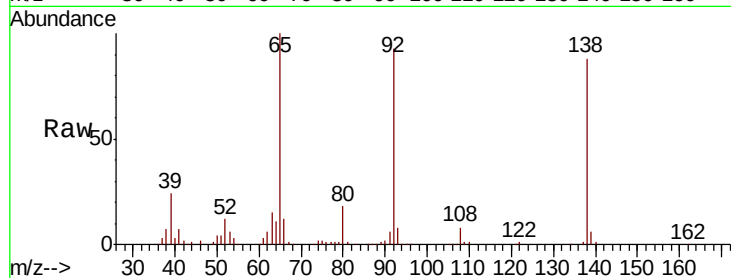




#53
3-Nitroaniline
Concen: 30.339 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

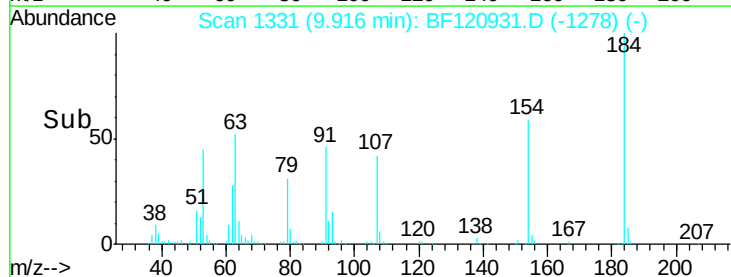
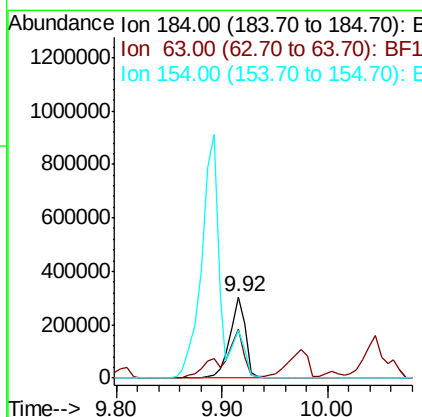
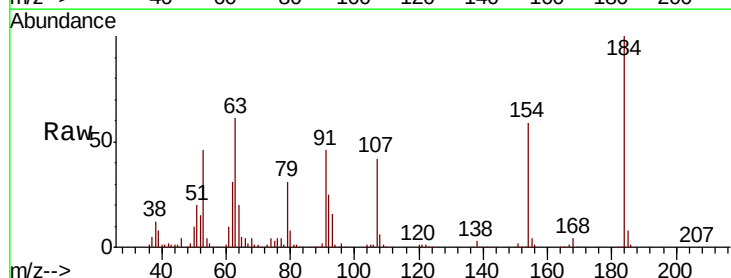
Instrument :
BNA_F
ClientSampleId :
SP5204

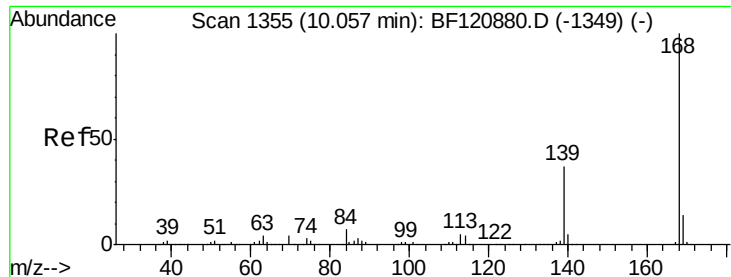
Tot Ion:138 Resp: 227010
Ion Ratio Lower Upper
138 100
108 9.4 7.9 11.9
92 105.5 85.3 127.9



#54
2,4-Dinitrophenol
Concen: 88.942 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion:184 Resp: 308302
Ion Ratio Lower Upper
184 100
63 60.8 57.9 86.9
154 58.6 52.6 78.8

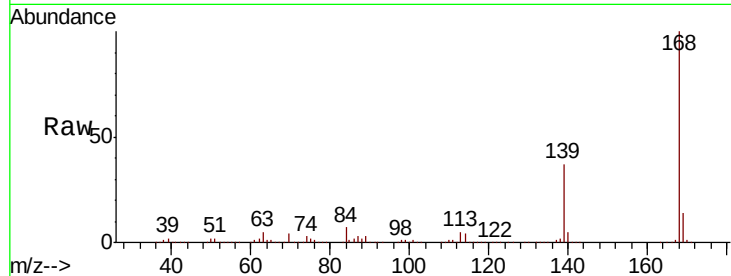




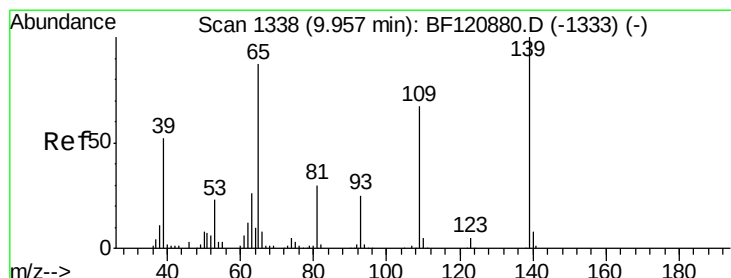
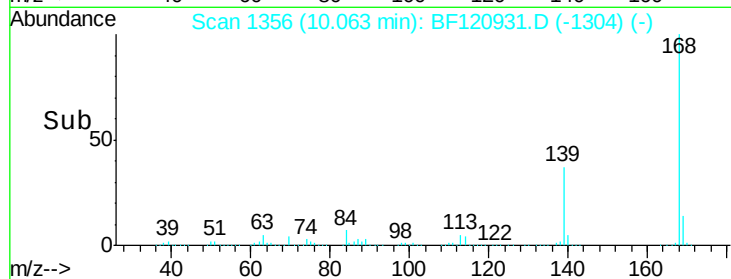
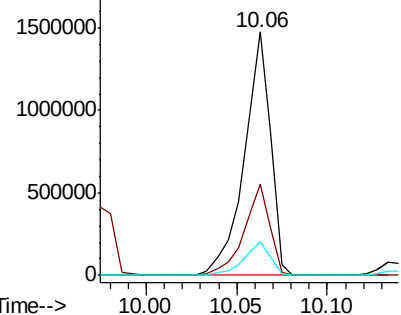
#55
Dibenzofuran
Concen: 43.264 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion:168 Resp: 1479263
Ion Ratio Lower Upper
168 100
139 37.3 29.7 44.5
169 14.0 11.1 16.7

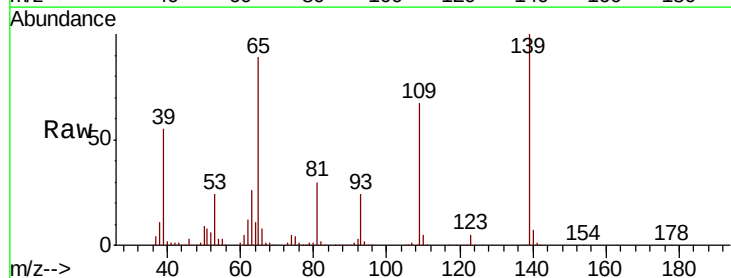


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

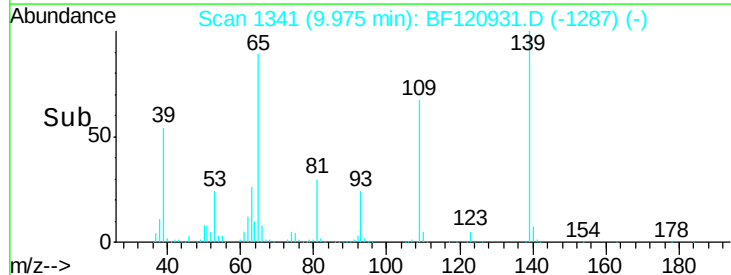
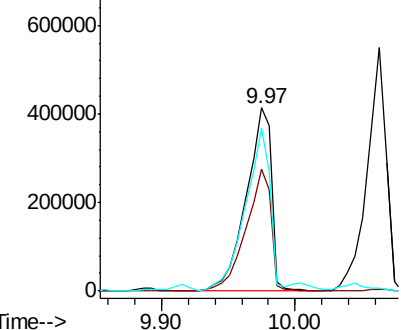


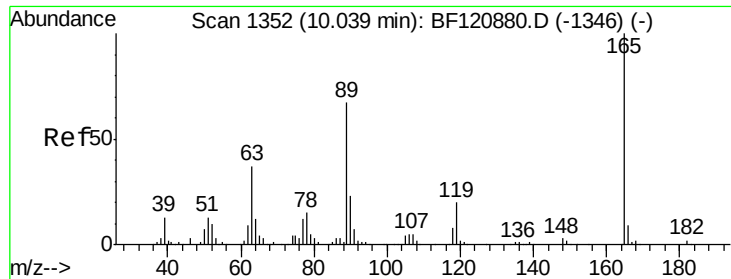
#56
4-Nitrophenol
Concen: 94.715 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion:139 Resp: 538353
Ion Ratio Lower Upper
139 100
109 66.9 47.3 87.3
65 89.3 67.2 107.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

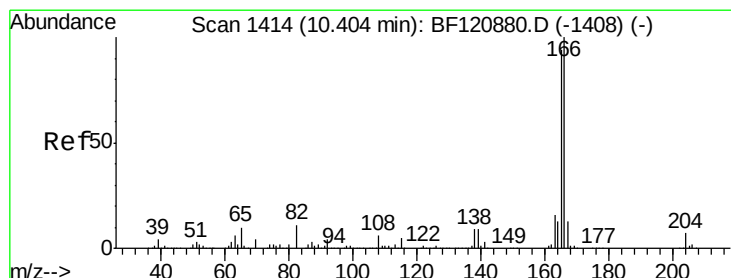
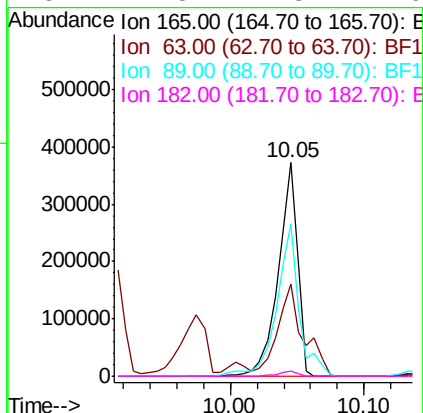
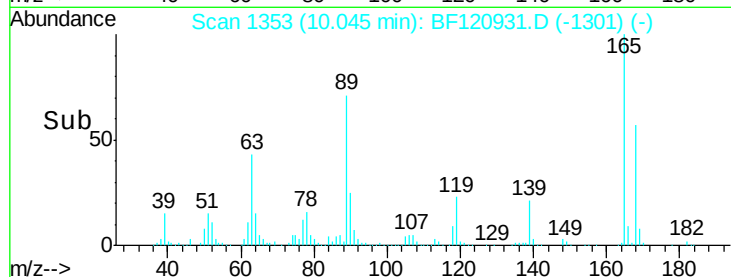
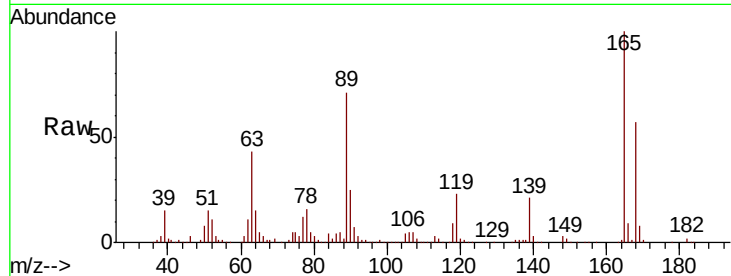




#57
2,4-Dinitrotoluene
Concen: 48.524 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

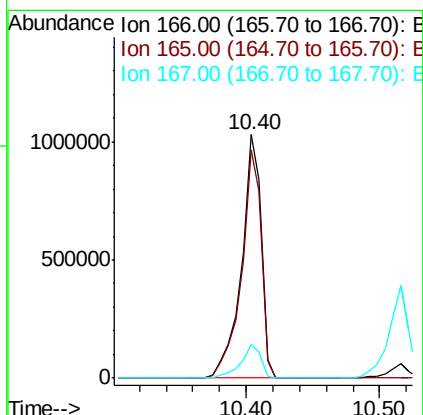
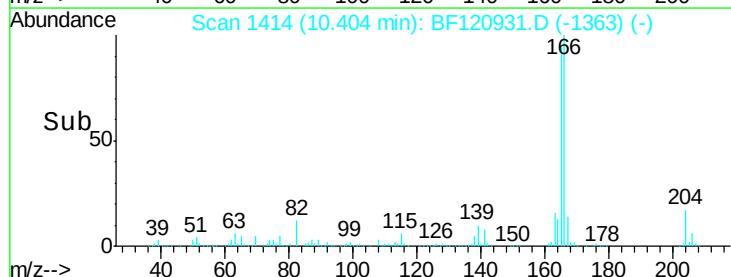
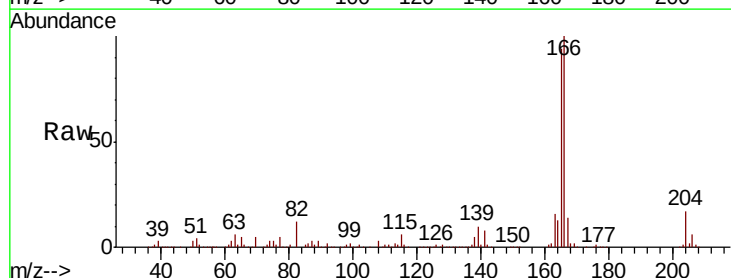
Instrument :
BNA_F
ClientSampled :
SP5204

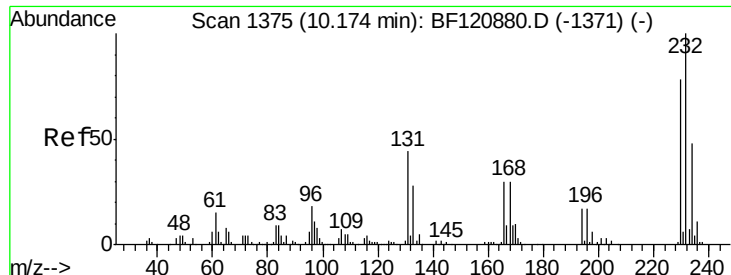
Tot Ion:165	Resp:	380172
Ion	Ratio	Lower Upper
165	100	
63	43.2	29.4 44.2
89	71.3	53.4 80.0
182	2.3	1.8 2.6



#58
Fluorene
Concen: 41.270 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion:166	Resp:	1052433
Ion	Ratio	Lower Upper
166	100	
165	93.6	75.4 113.0
167	13.7	10.6 15.8

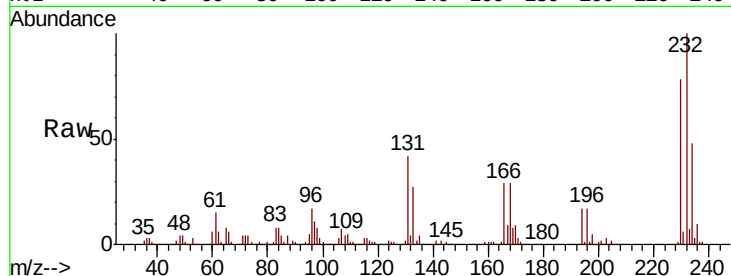




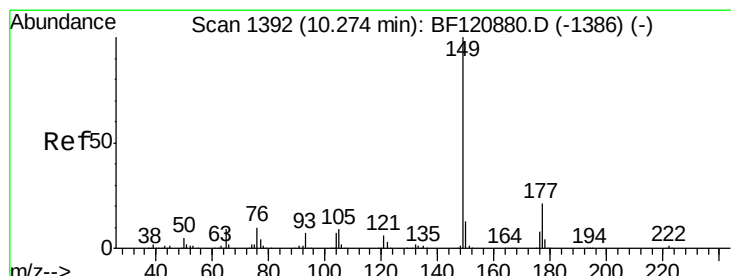
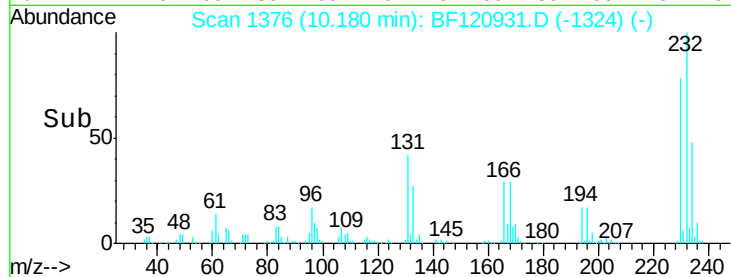
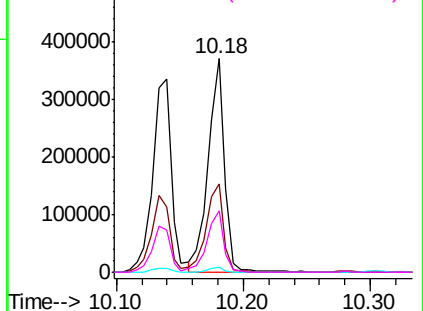
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.223 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SP5204

Tot Ion:232 Resp: 335690
 Ion Ratio Lower Upper
 232 100
 131 44.3 37.1 55.7
 130 2.2 1.7 2.5
 166 30.0 24.2 36.4

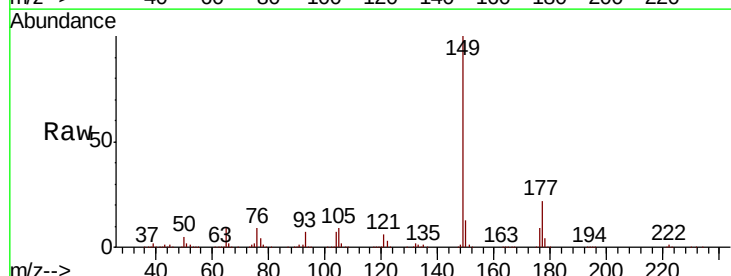


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

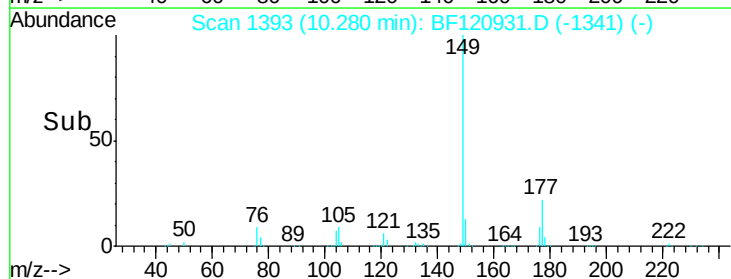
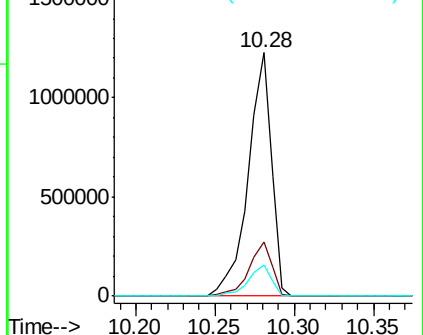


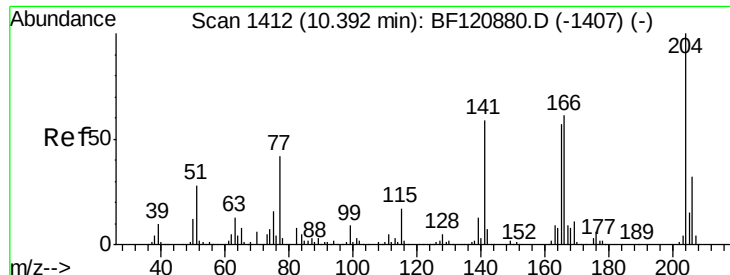
#60
 Diethylphthalate
 Concen: 44.394 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion:149 Resp: 1246948
 Ion Ratio Lower Upper
 149 100
 177 22.4 17.1 25.7
 150 12.9 10.3 15.5



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

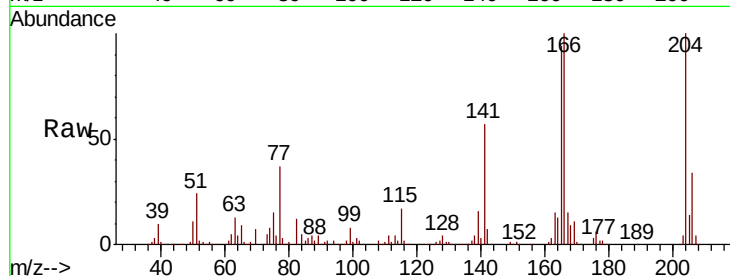




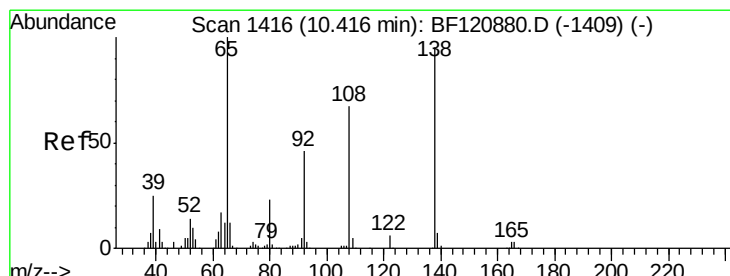
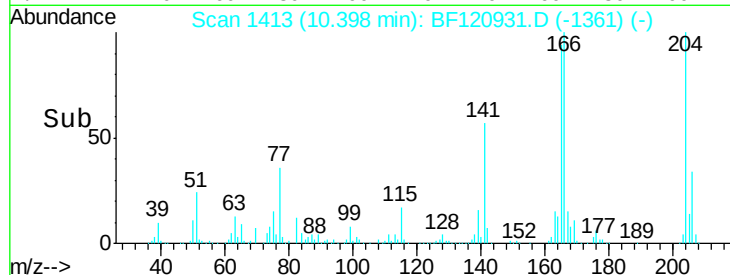
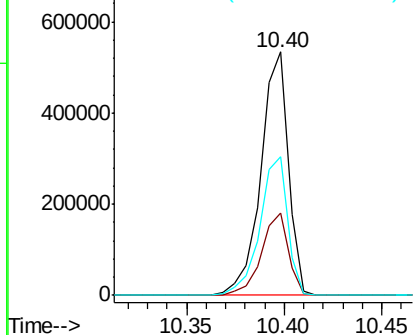
#61
4-Chlorophenyl-phenylether
Concen: 38.341 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion:204 Resp: 521490
Ion Ratio Lower Upper
204 100
206 33.7 25.9 38.9
141 56.7 47.2 70.8

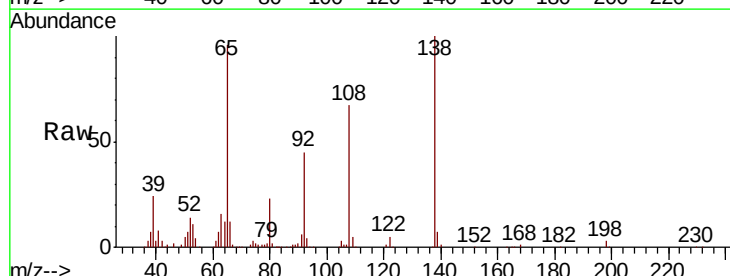


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

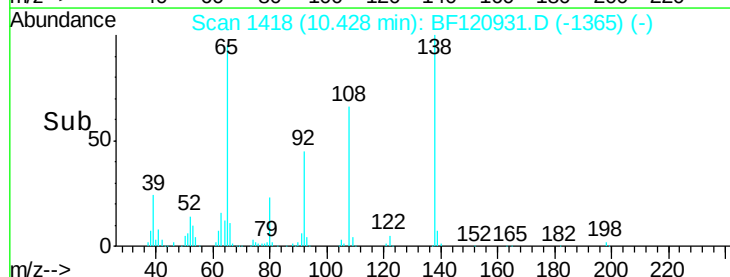
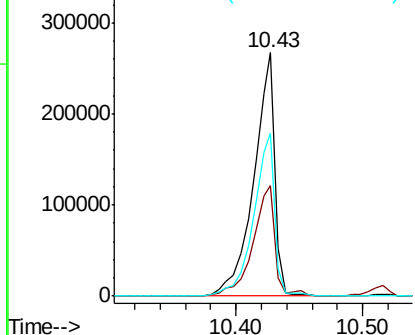


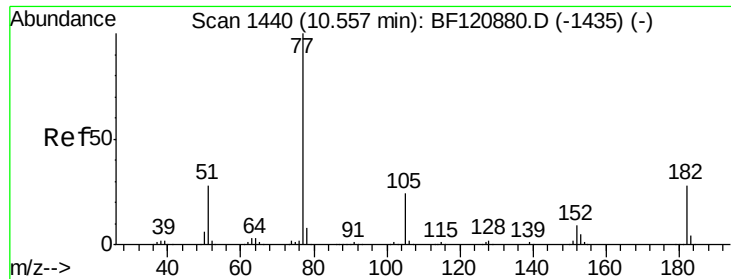
#62
4-Nitroaniline
Concen: 42.885 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion:138 Resp: 312575
Ion Ratio Lower Upper
138 100
92 45.5 28.6 68.6
108 66.9 51.1 91.1



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: 43.673 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

Tot Ion: 77 Resp: 1167829

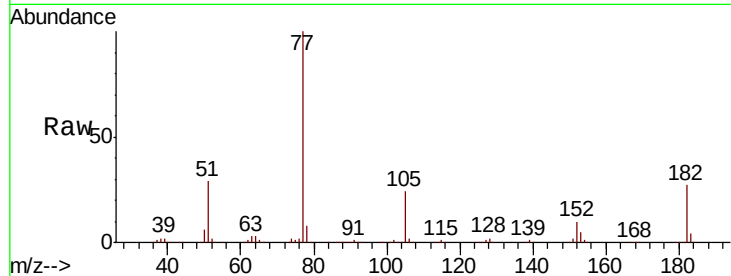
Ion Ratio Lower Upper

77 100

182 26.9 7.8 47.8

105 24.1 4.4 44.4

51 28.6 8.0 48.0

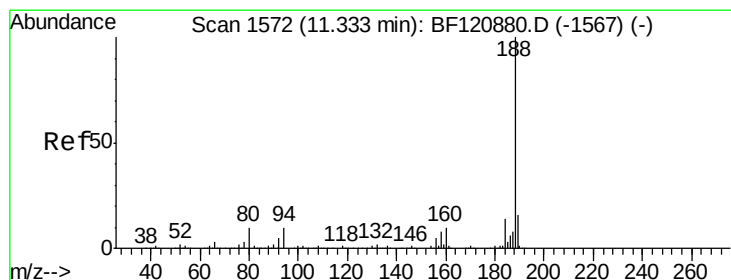
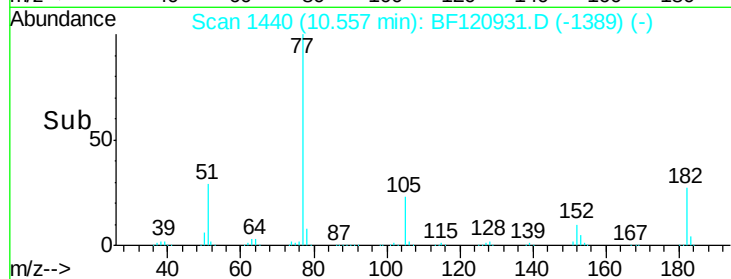
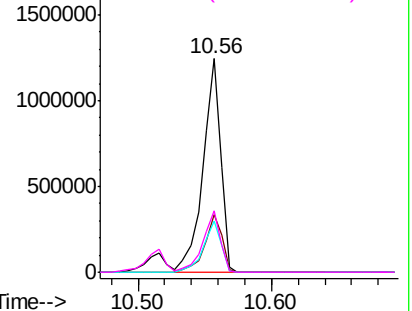


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

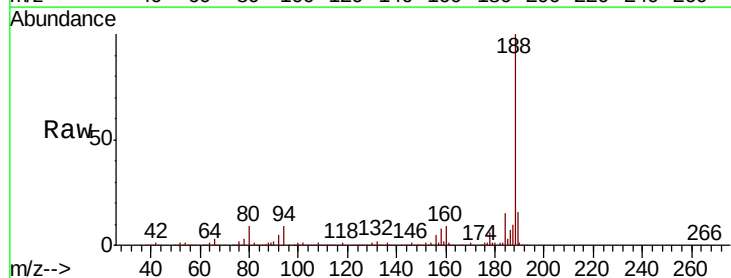
Tgt Ion: 188 Resp: 754508

Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

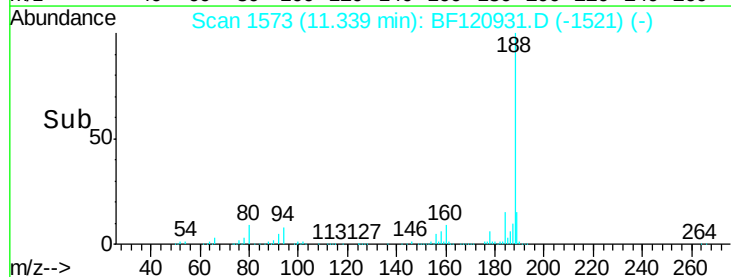
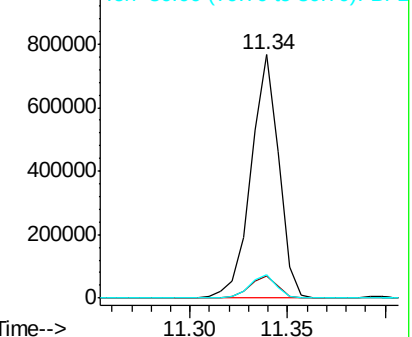
80 9.4 8.3 12.5

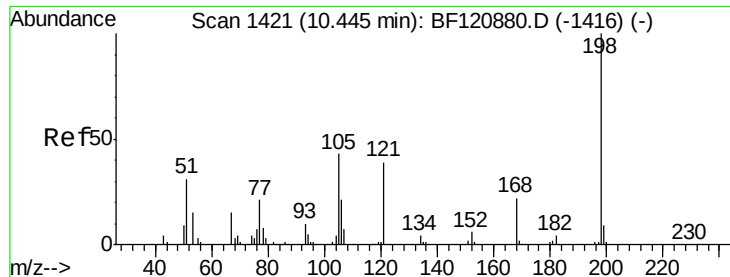


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

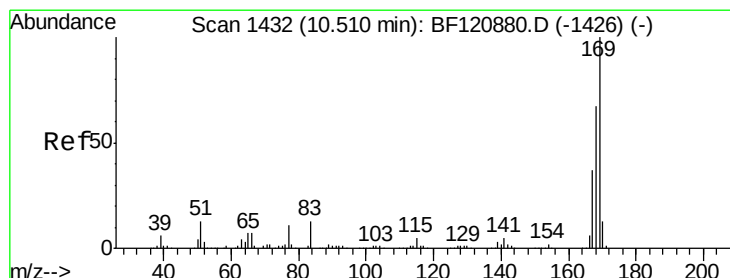
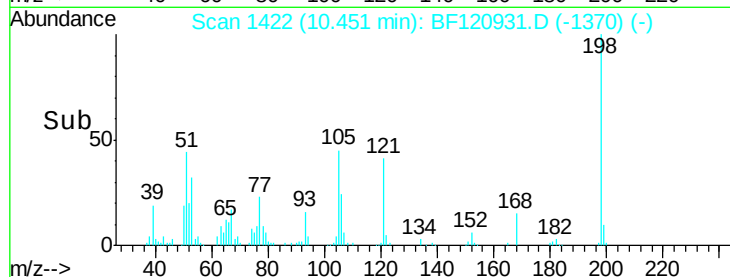
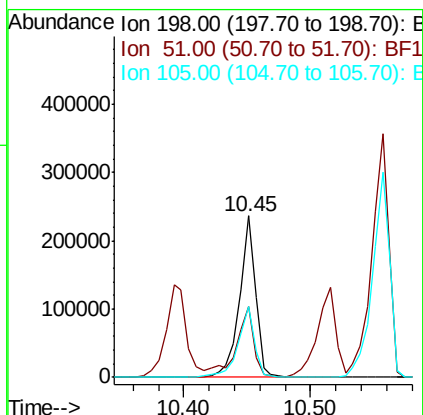
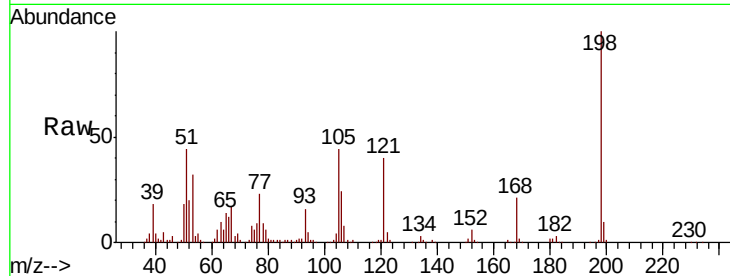




#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.214 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

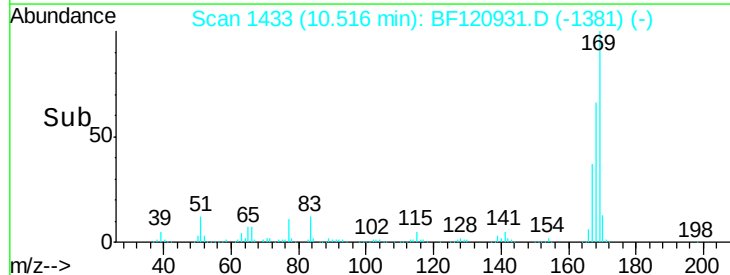
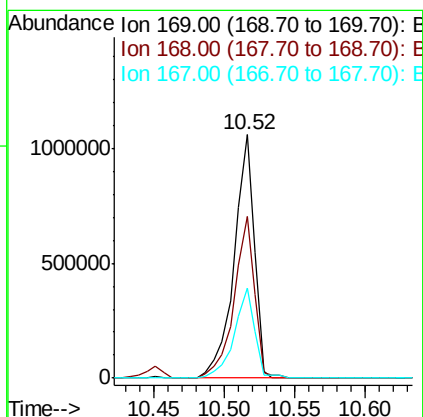
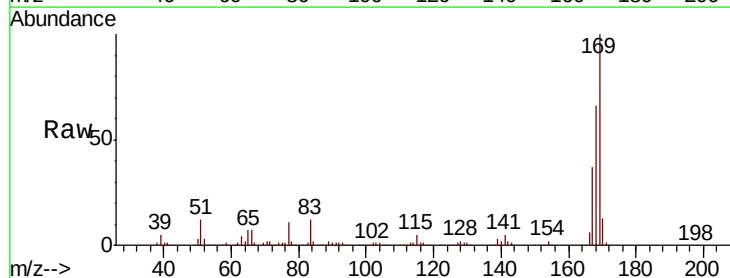
Instrument :
 BNA_F
 ClientSampled :
 SP5204

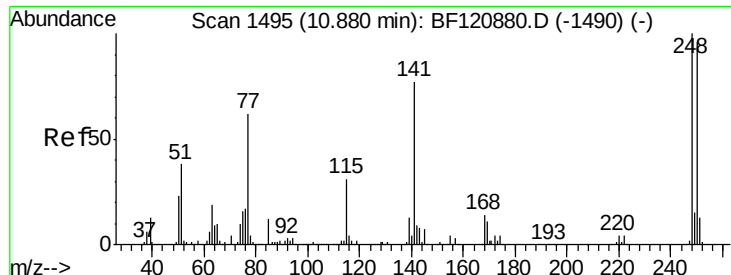
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.7	19.5	59.5
105	44.2	24.4	64.4



#66
 n-Nitrosodiphenylamine
 Concen: 44.396 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.4	80.0
167	37.0	29.4	44.0

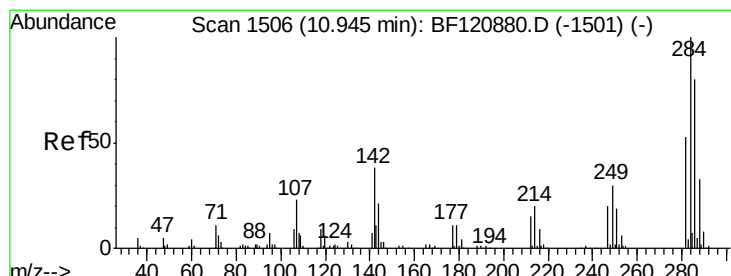
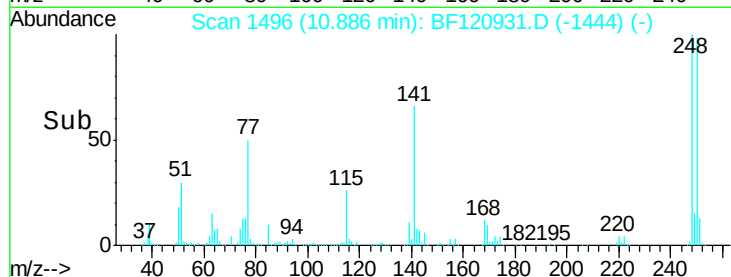
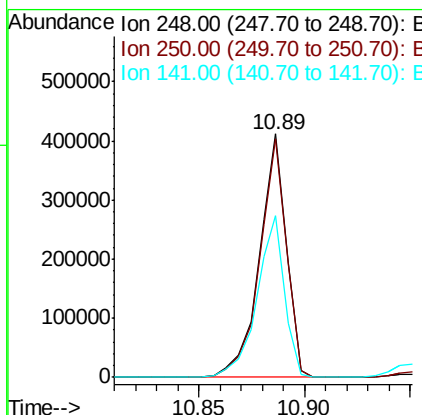
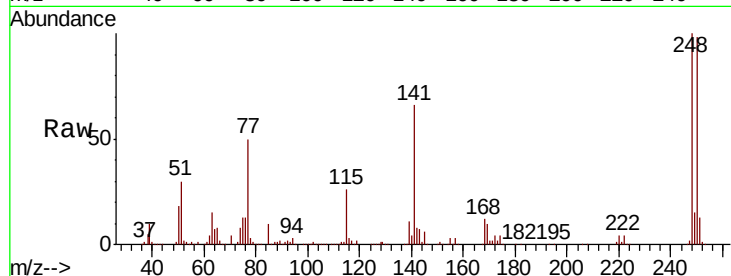




#67
4-Bromophenyl-phenylether
Concen: 43.437 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

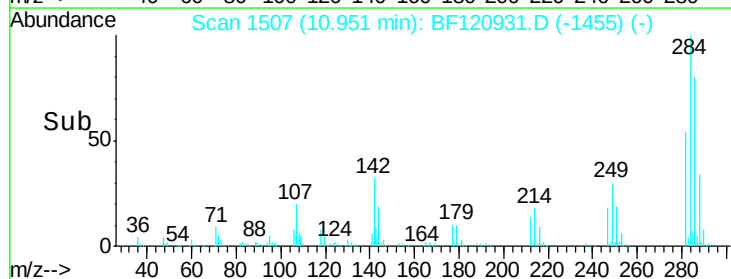
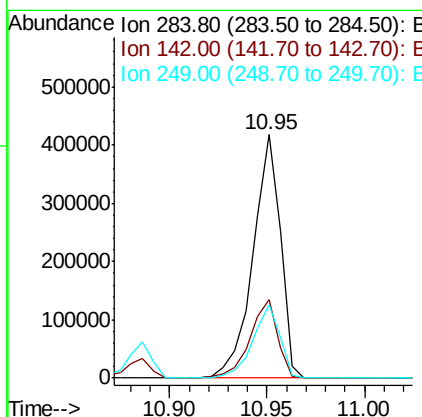
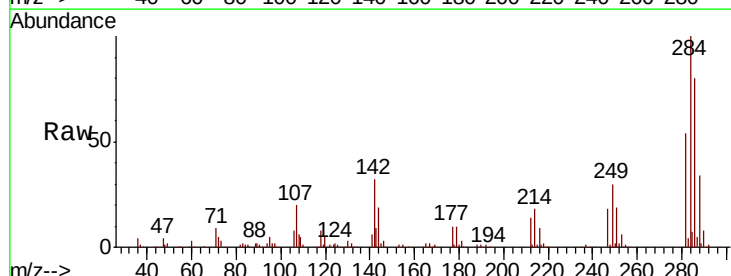
Instrument :
BNA_F
ClientSampleID :
SP5204

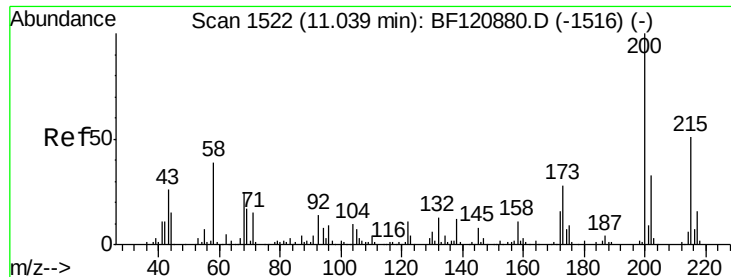
Tot Ion:248 Resp: 365398
Ion Ratio Lower Upper
248 100
250 98.2 77.1 115.7
141 66.3 61.2 91.8



#68
Hexachlorobenzene
Concen: 44.688 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion:284 Resp: 406649
Ion Ratio Lower Upper
284 100
142 32.2 30.2 45.2
249 29.9 24.2 36.2

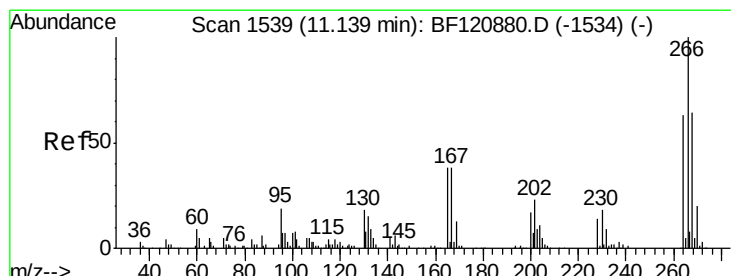
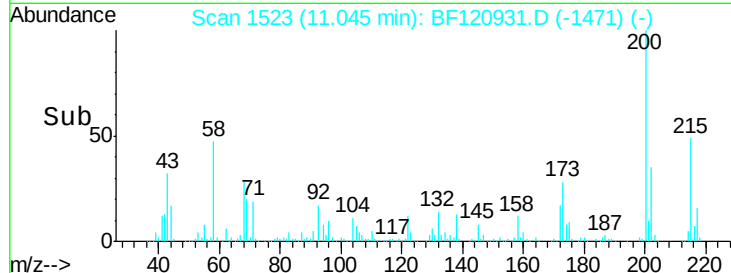
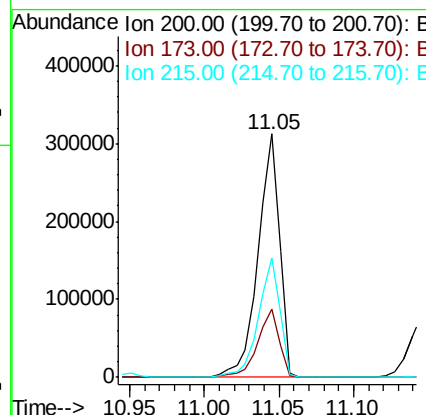
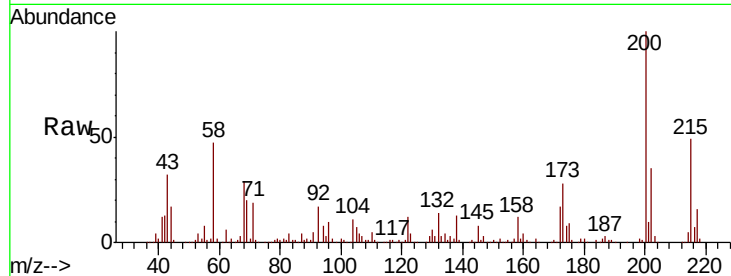




#69
 Atrazine
 Concen: 52.589 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

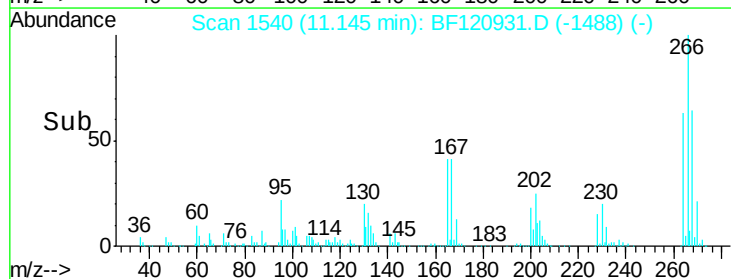
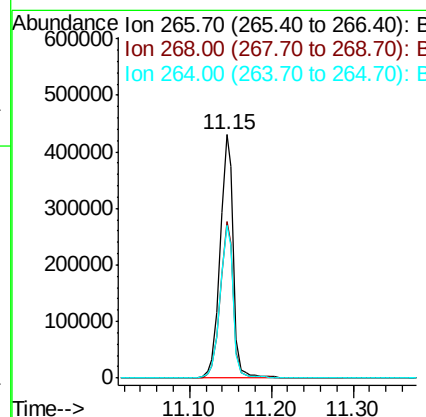
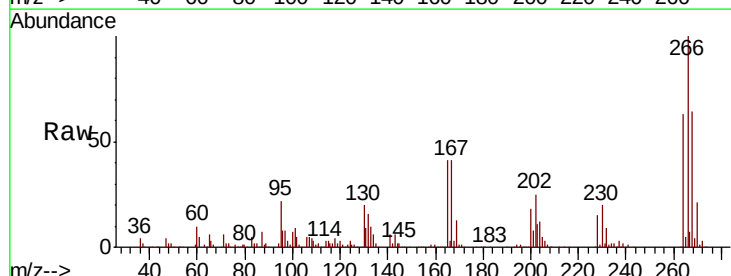
Instrument :
 BNA_F
 ClientSampleId :
 SP5204

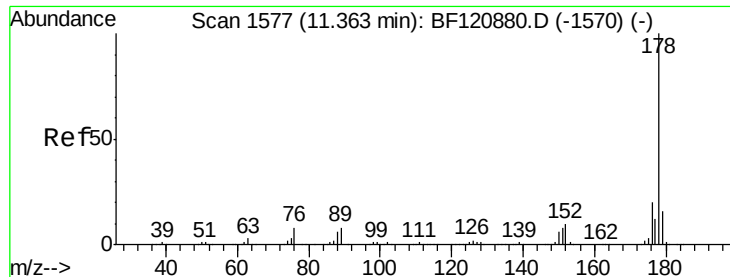
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.0	48.0
215	49.3	31.5	71.5



#70
 Pentachlorophenol
 Concen: 94.150 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	63.0	50.2	75.2

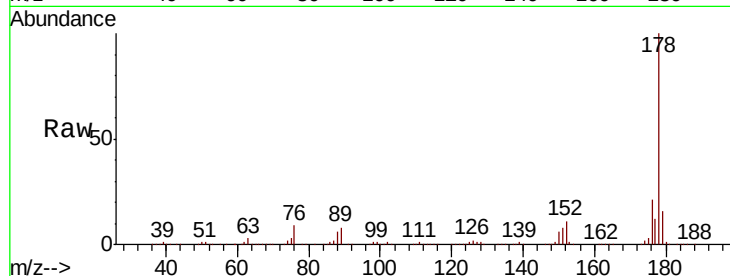




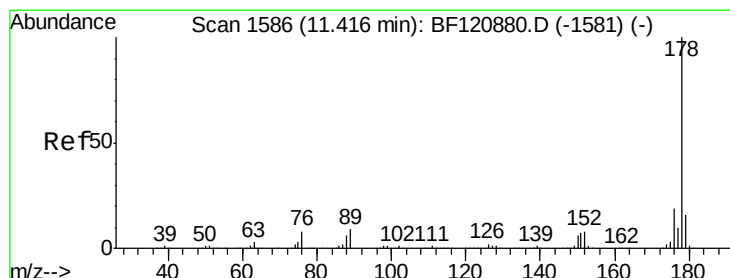
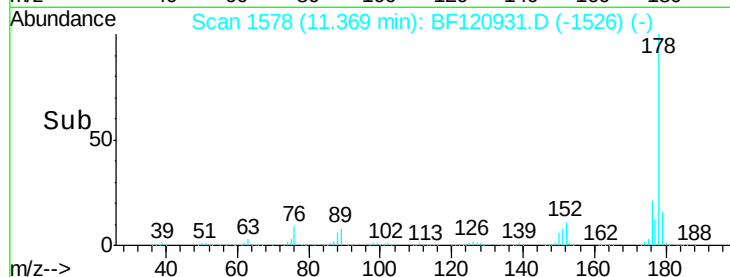
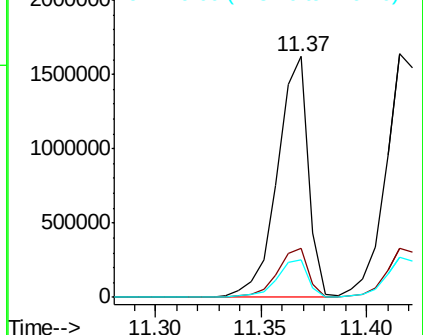
#71
Phenanthrene
Concen: 42.709 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion:178 Resp: 1657325
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 15.7 12.8 19.2

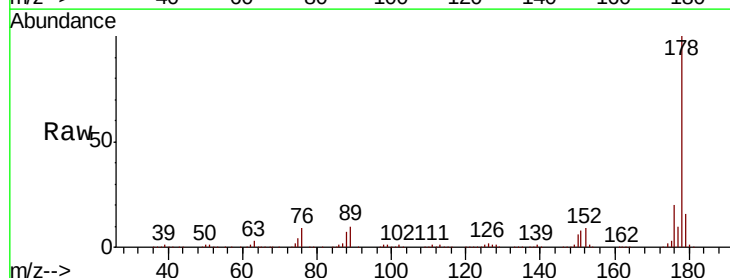


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

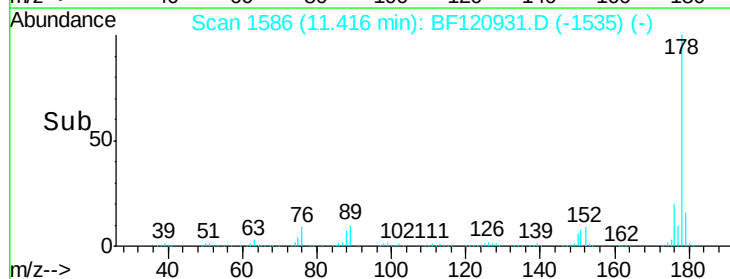
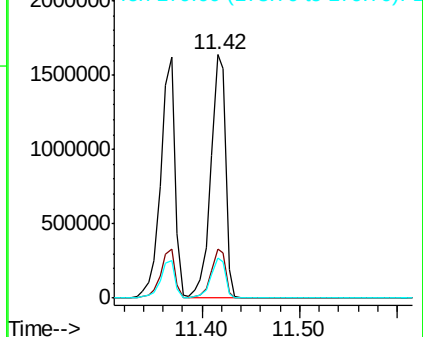


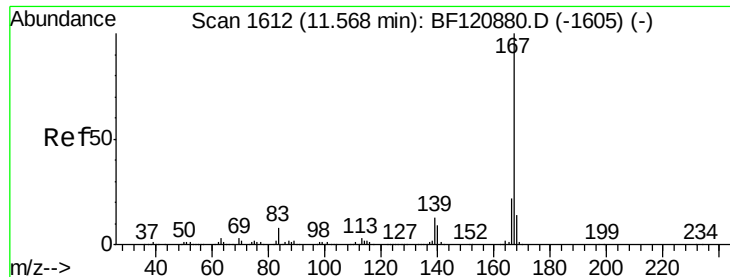
#72
Anthracene
Concen: 44.199 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion:178 Resp: 1722224
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 16.3 12.8 19.2



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

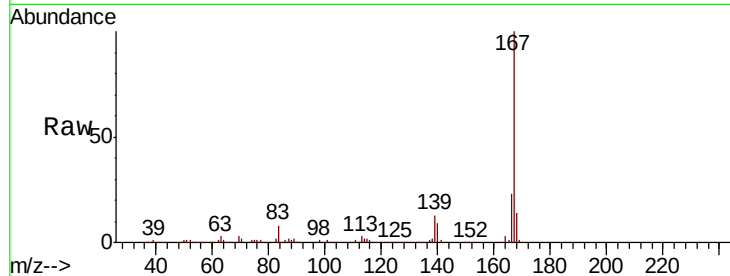




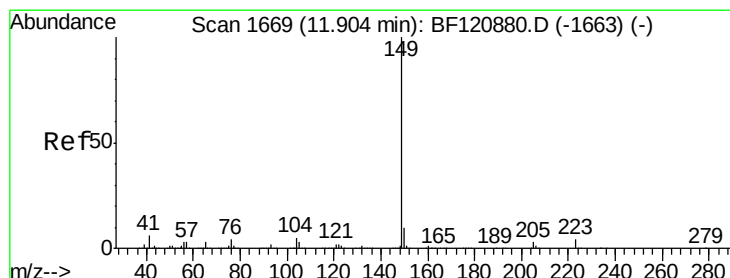
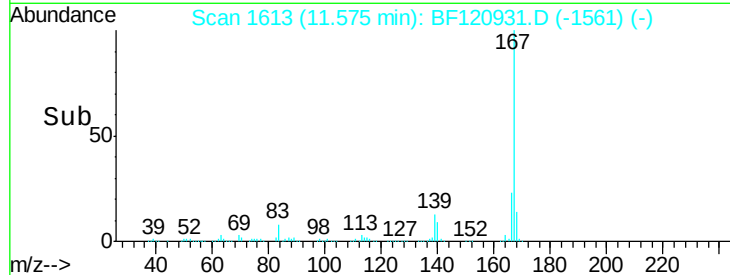
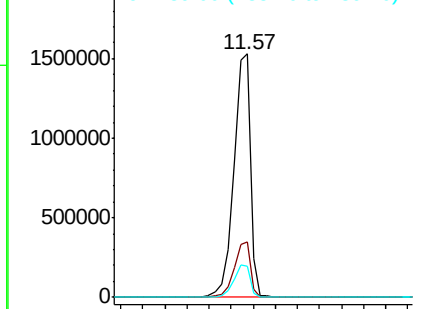
#73
 Carbazole
 Concen: 41.991 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SP5204

Tot Ion:167 Resp: 1623766
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 12.8 10.1 15.1

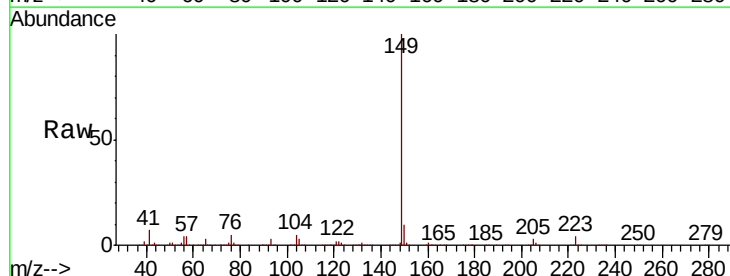


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

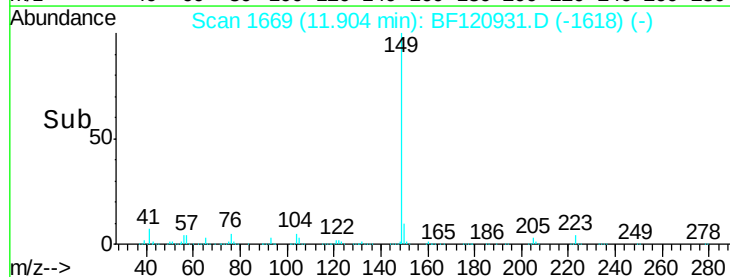
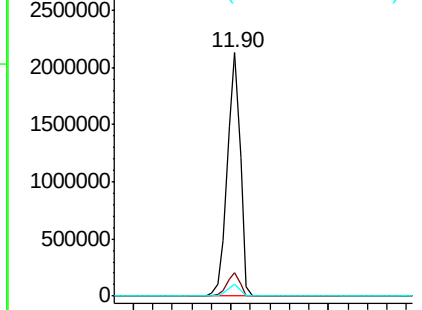


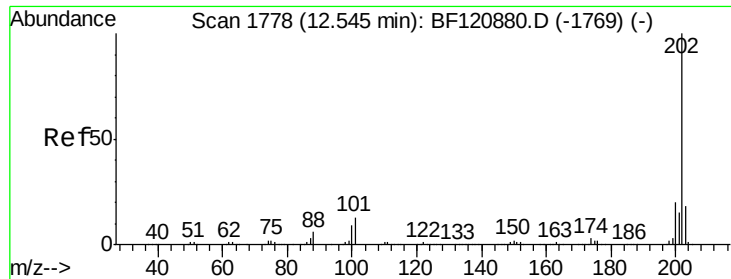
#74
 Di-n-butylphthalate
 Concen: 43.842 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion:149 Resp: 1956447
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.1 3.8 5.6



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

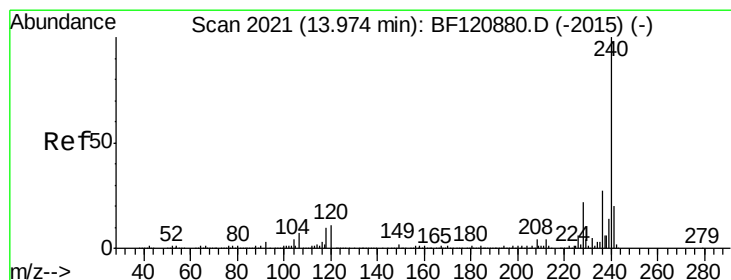
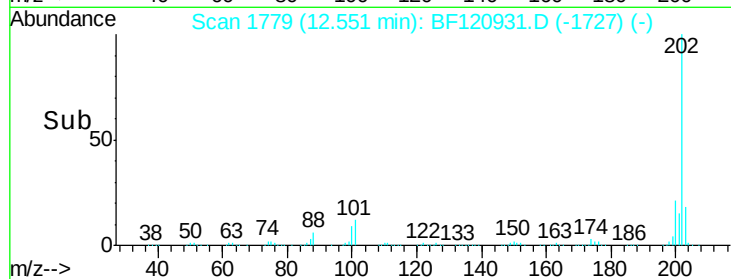
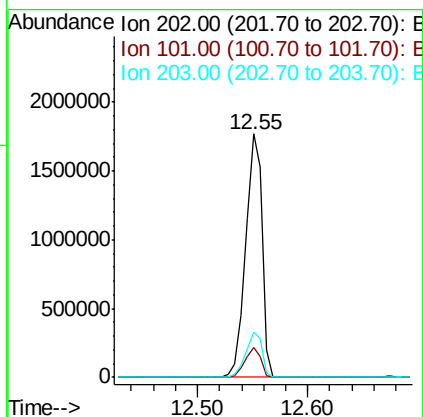
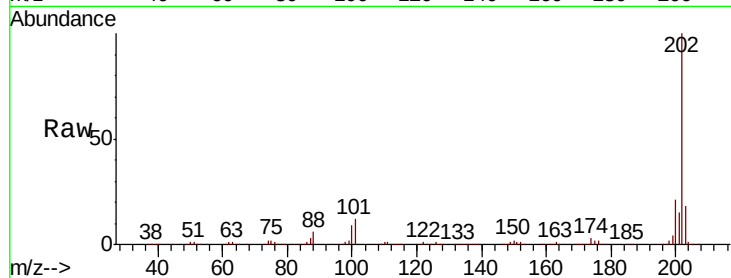




#75
Fluoranthene
Concen: 43.217 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

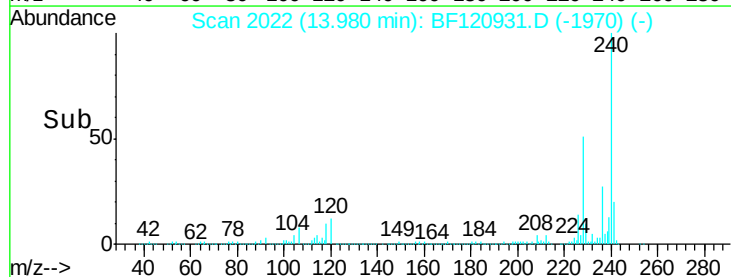
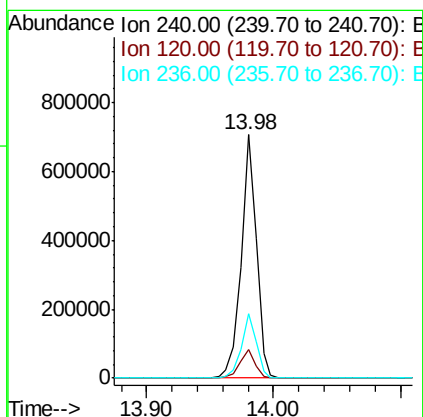
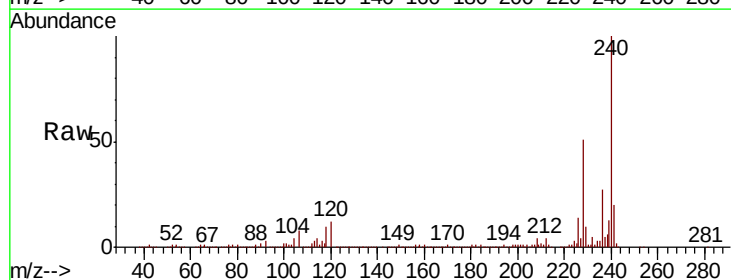
Instrument :
BNA_F
ClientSampleId :
SP5204

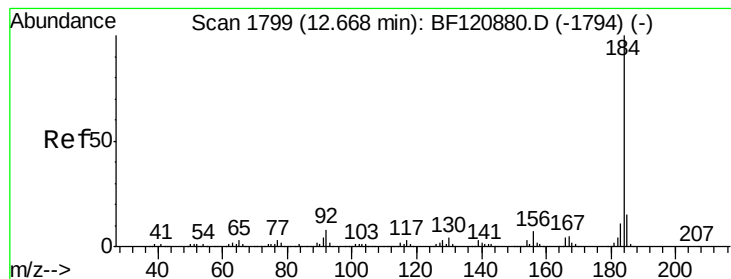
Tot Ion:202 Resp: 1858847
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.7
203 18.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion:240 Resp: 578177
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.4
236 26.6 21.7 32.5





#77

Benzidine

Concen: 85.840 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

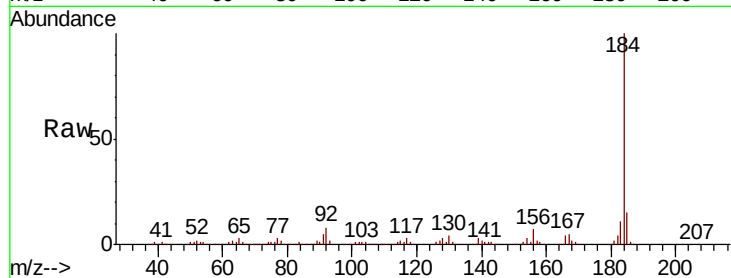
Tot Ion:184 Resp: 1304879

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

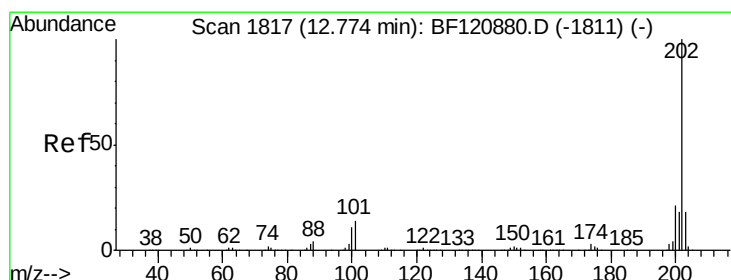
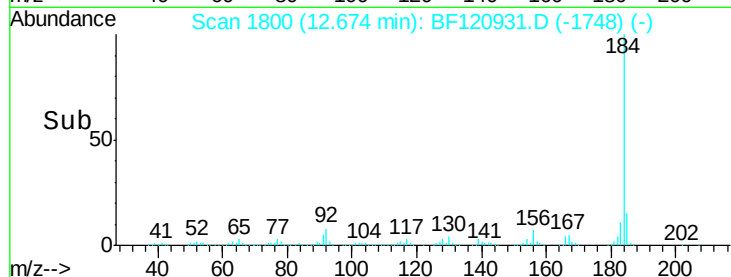
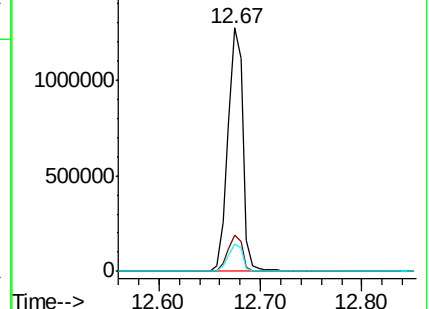
183 11.2 8.5 12.7



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: 46.526 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

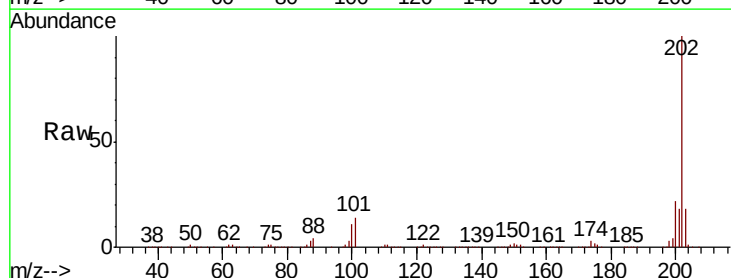
Tgt Ion:202 Resp: 1901867

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

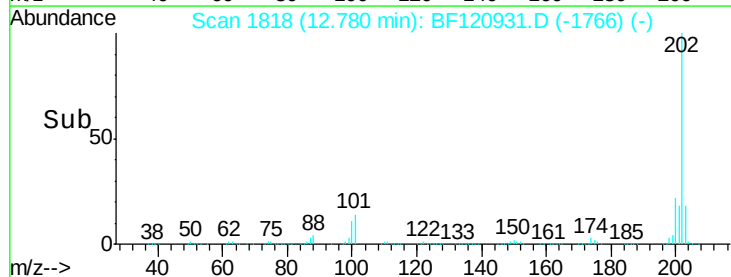
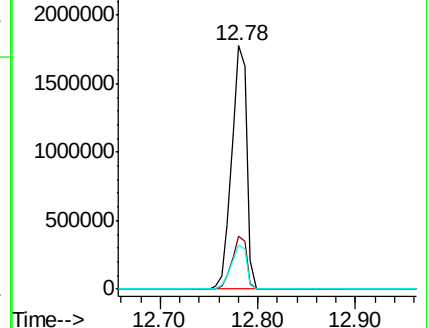
203 18.3 14.4 21.6

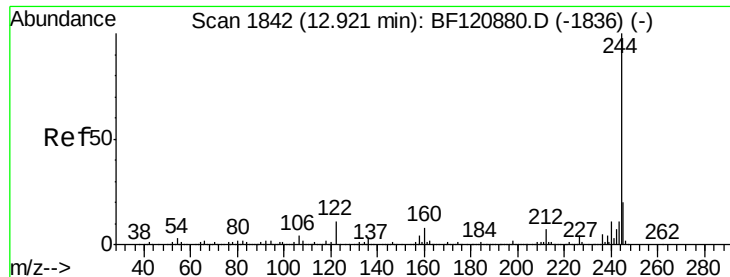


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 0.027 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

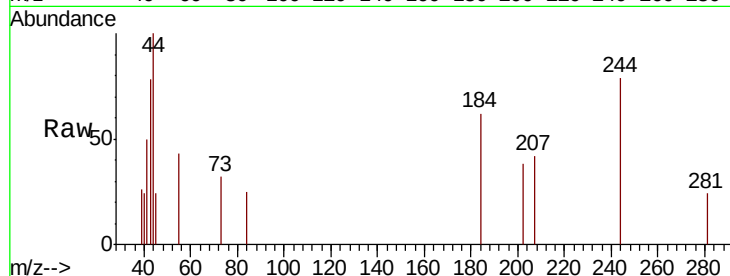
Tot Ion:244 Resp: 731

Ion Ratio Lower Upper

244 100

212 0.0 5.6 8.4#

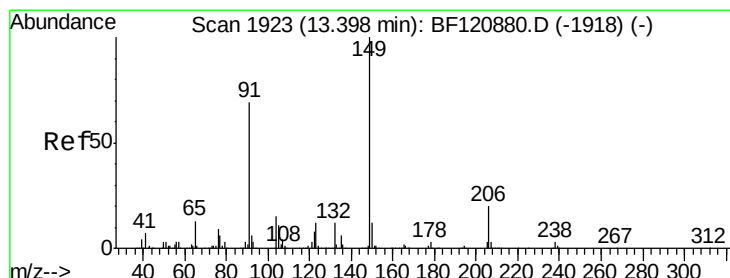
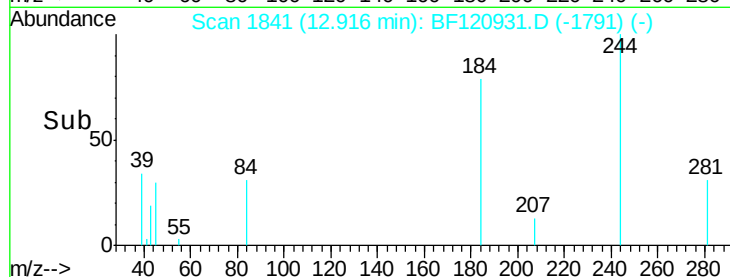
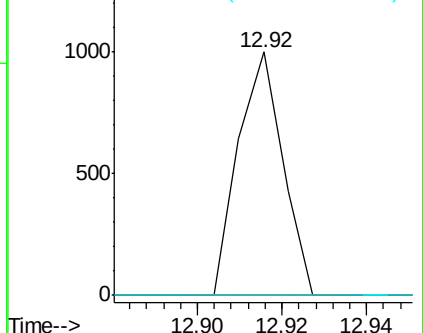
122 0.0 8.9 13.3#



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: 47.460 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

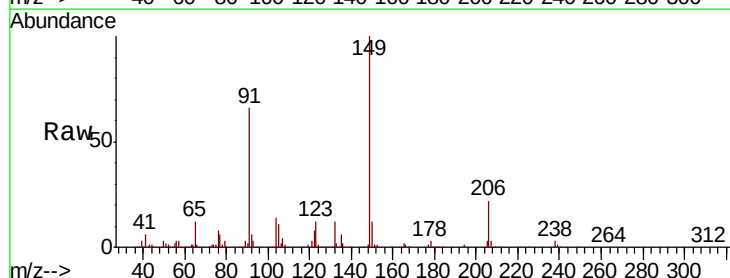
Tgt Ion:149 Resp: 864837

Ion Ratio Lower Upper

149 100

91 65.9 55.1 82.7

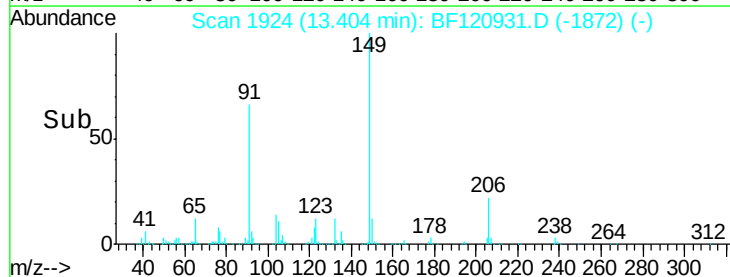
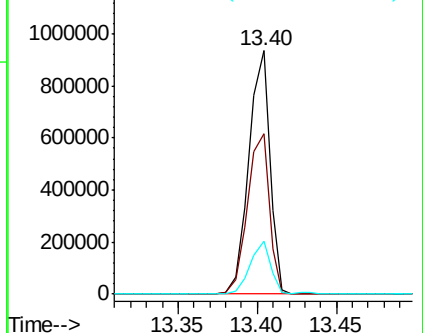
206 21.6 16.1 24.1

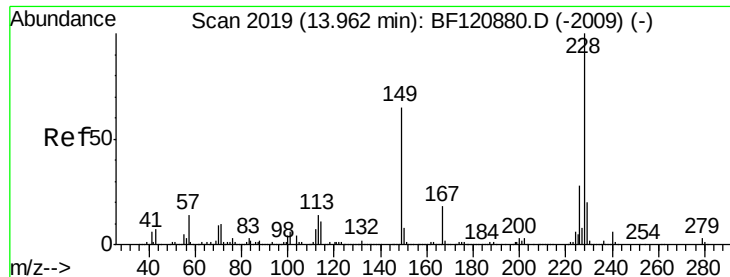


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.819 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

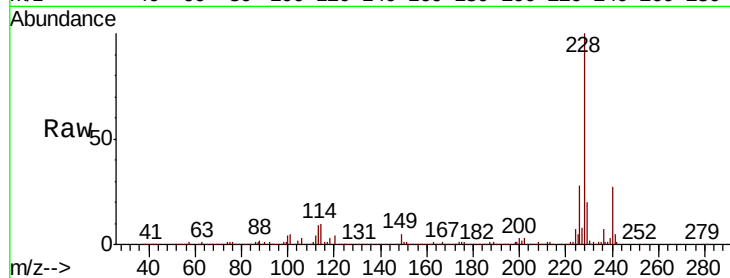
Tot Ion:228 Resp: 1499172

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

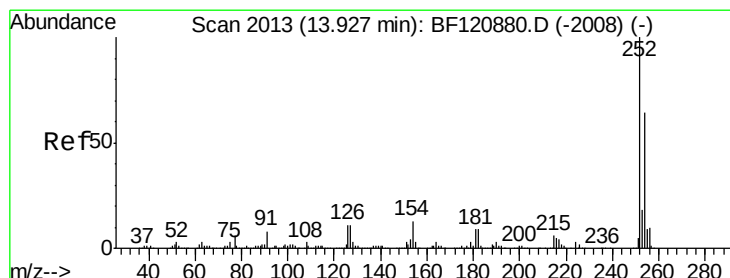
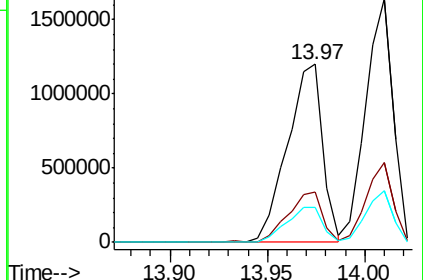
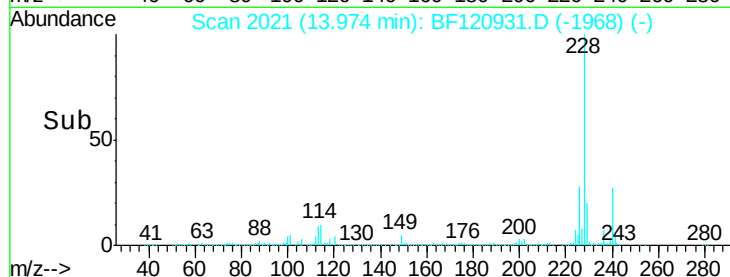
229 19.7 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.270 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

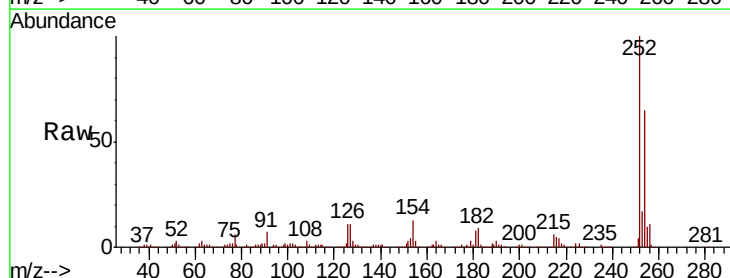
Tgt Ion:252 Resp: 531921

Ion Ratio Lower Upper

252 100

254 64.7 51.2 76.8

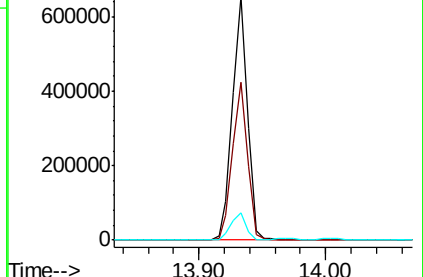
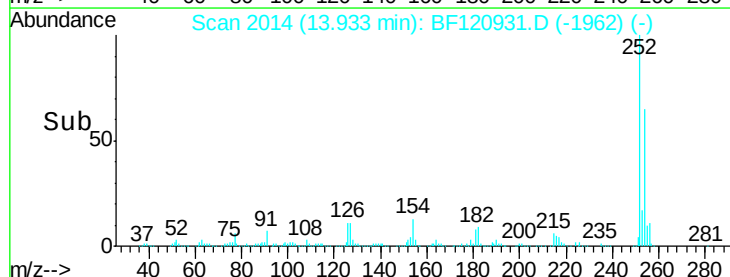
126 11.0 8.7 13.1

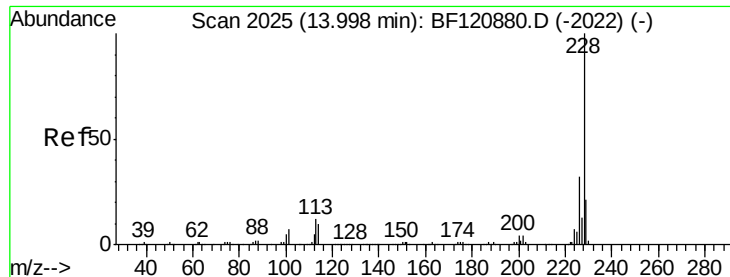


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.553 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

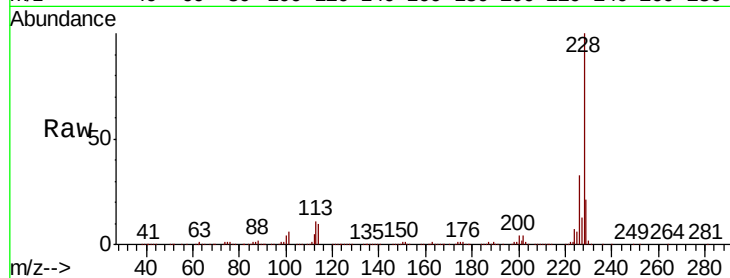
Tot Ion:228 Resp: 1602462

Ion Ratio Lower Upper

228 100

226 32.6 25.6 38.4

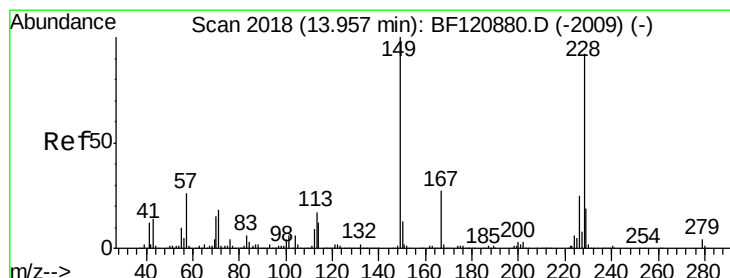
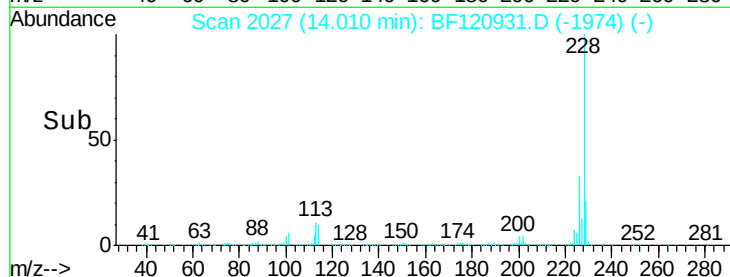
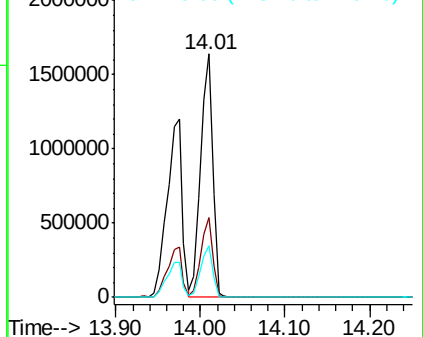
229 21.0 16.8 25.2



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: 44.316 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

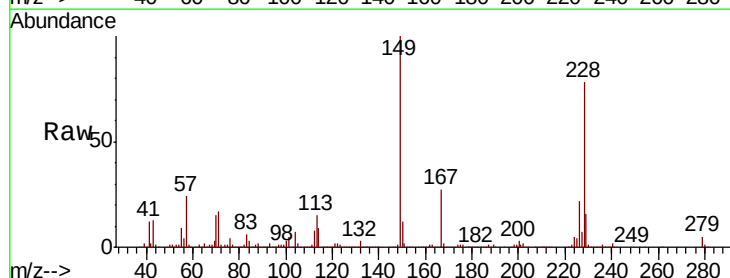
Tgt Ion:149 Resp: 995796

Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

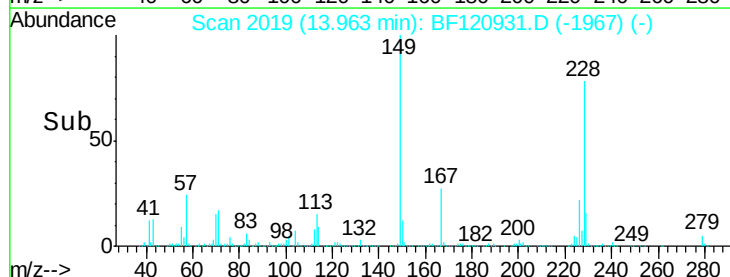
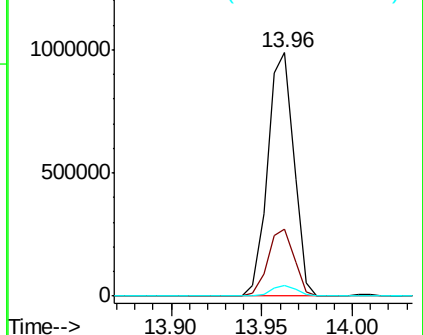
279 4.5 3.0 4.4

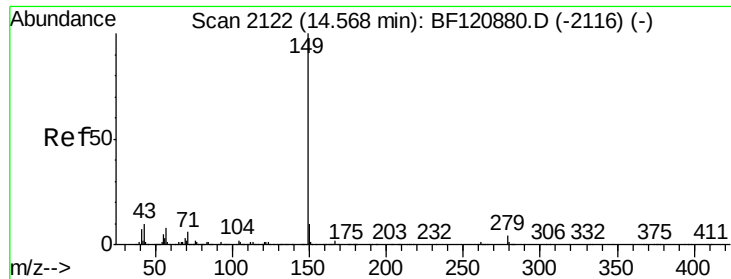


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

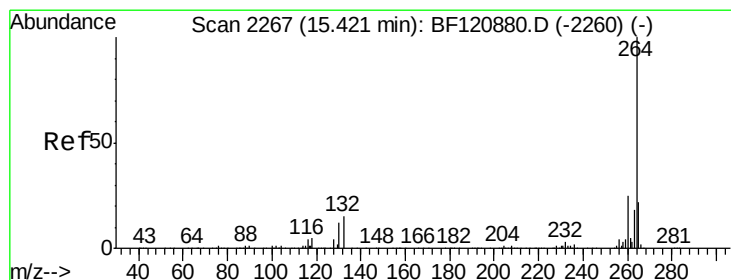
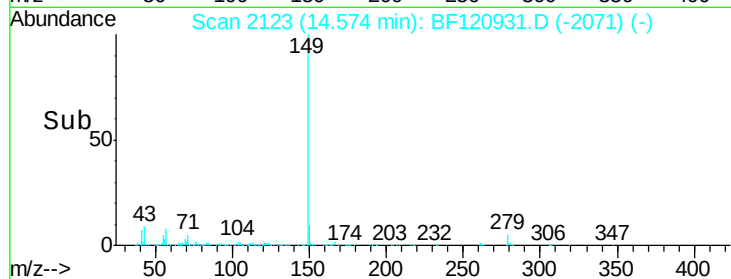
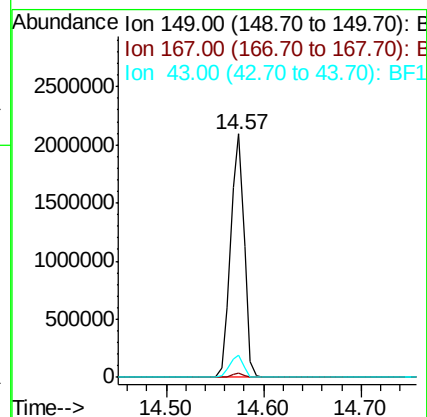
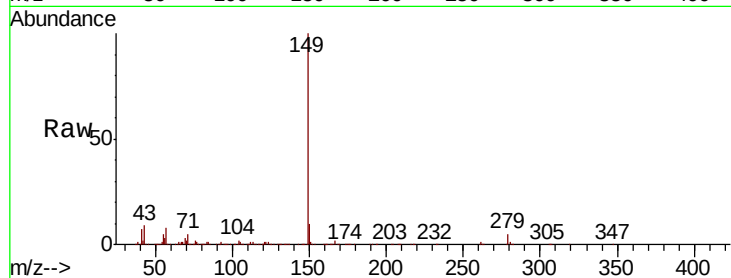




#85
Di-n-octyl phthalate
Concen: 45.030 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

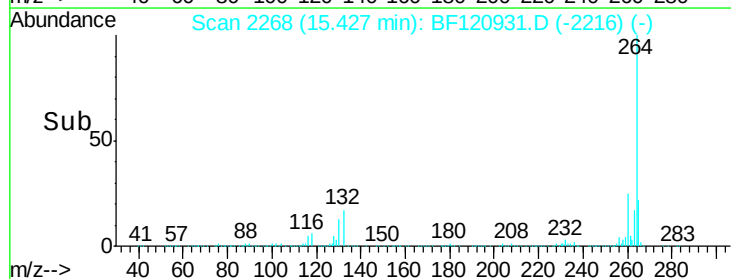
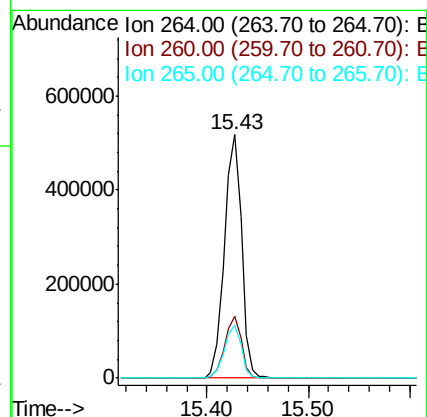
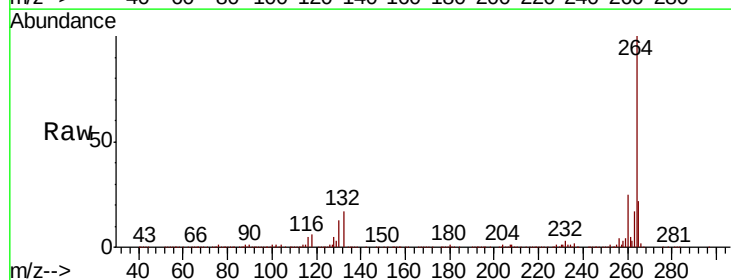
Instrument :
BNA_F
ClientSampled :
SP5204

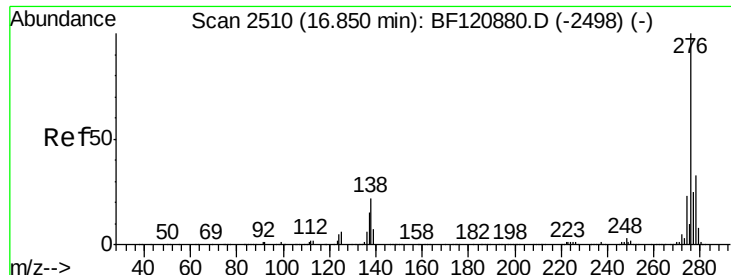
Tot Ion:149 Resp: 2013079
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion:264 Resp: 611387
Ion Ratio Lower Upper
264 100
260 25.3 20.0 30.0
265 21.9 17.4 26.2

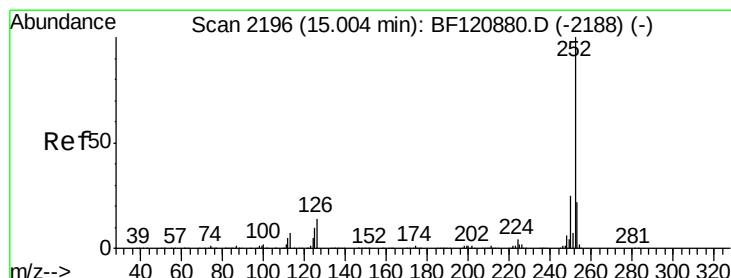
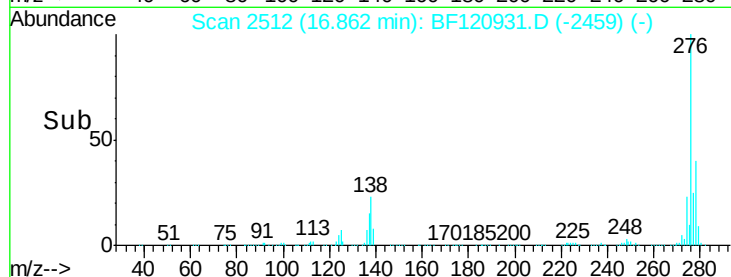
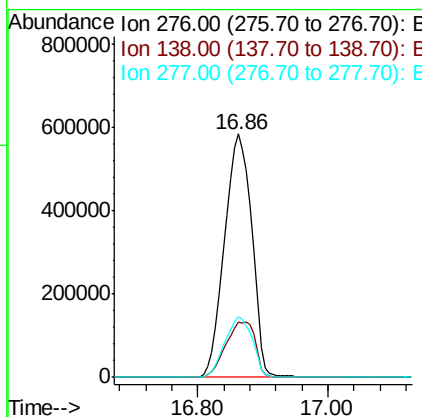
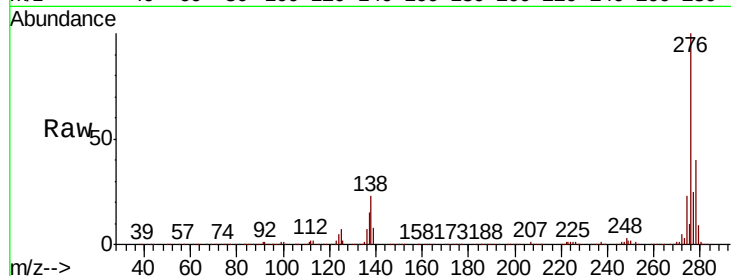




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.081 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

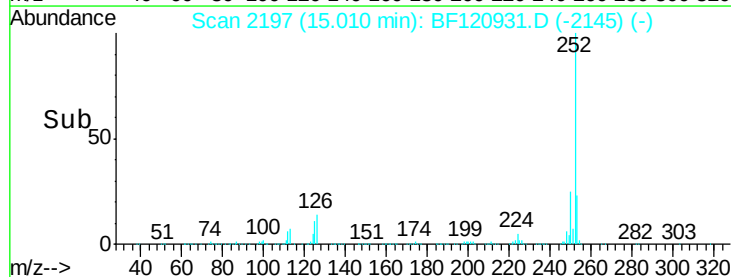
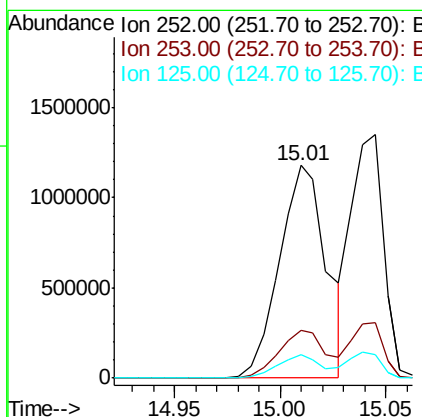
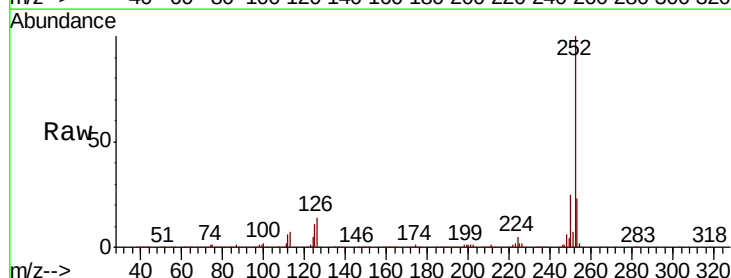
Instrument :
 BNA_F
 ClientSampleId :
 SP5204

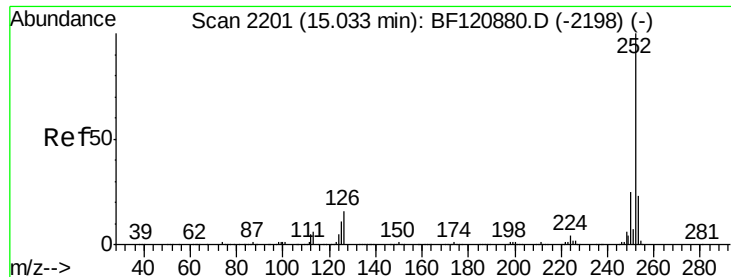
Tot Ion:276 Resp: 1704236
 Ion Ratio Lower Upper
 276 100
 138 24.7 19.8 29.8
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 49.460 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion:252 Resp: 1827849
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 10.9 8.3 12.5

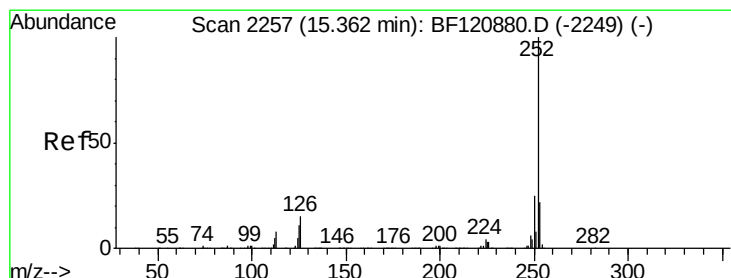
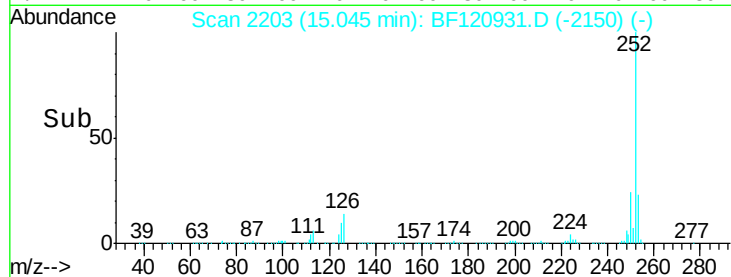
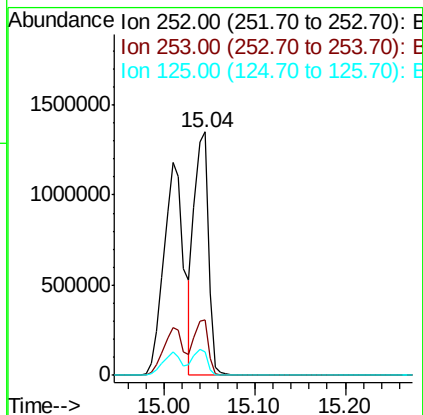
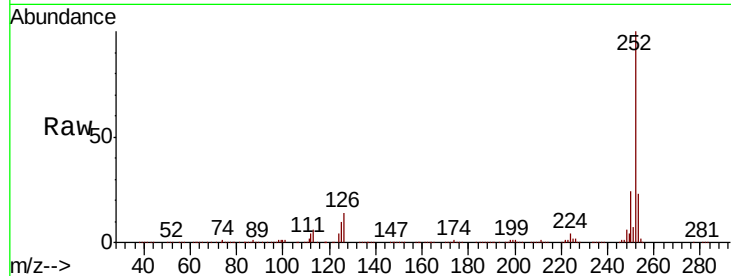




#89
Benzo(k)fluoranthene
Concen: 43.204 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

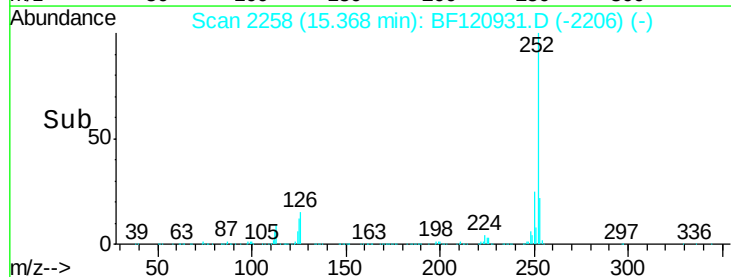
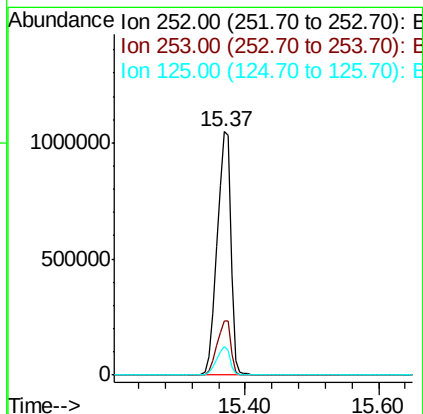
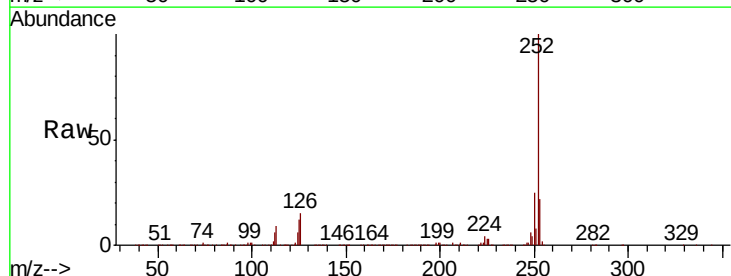
Instrument :
BNA_F
ClientSampleId :
SP5204

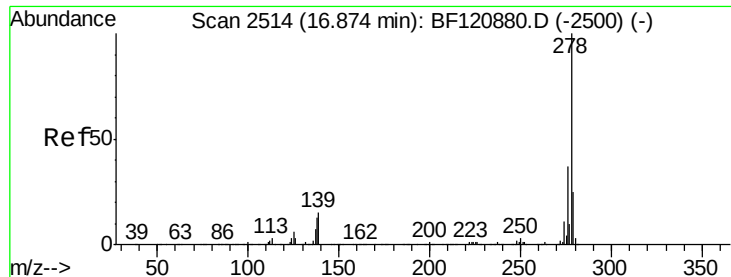
Tot Ion:252 Resp: 1456125
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 9.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 45.691 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion:252 Resp: 1540572
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.8 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 40.983 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

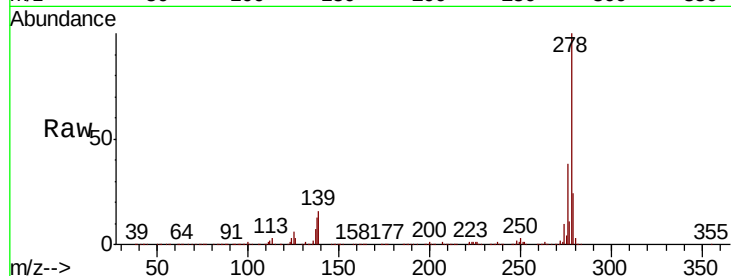
Tot Ion:278 Resp: 1423433

Ion Ratio Lower Upper

278 100

139 15.6 12.3 18.5

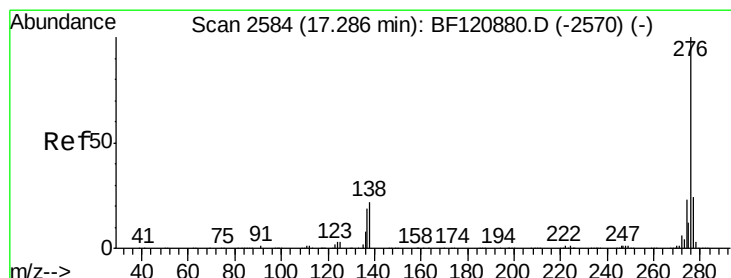
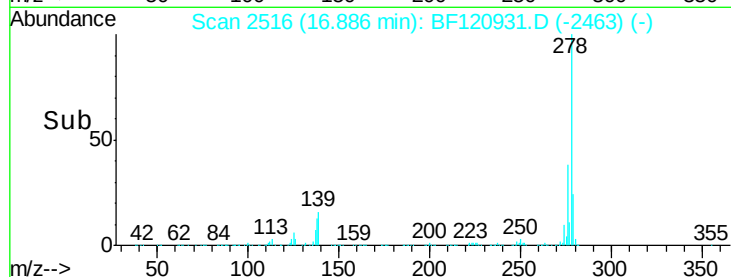
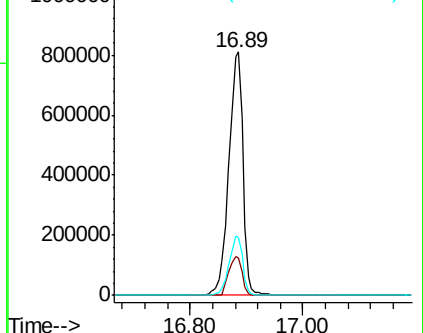
279 24.0 20.1 30.1



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: 40.101 ng

RT: 17.30 min Scan# 2586

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

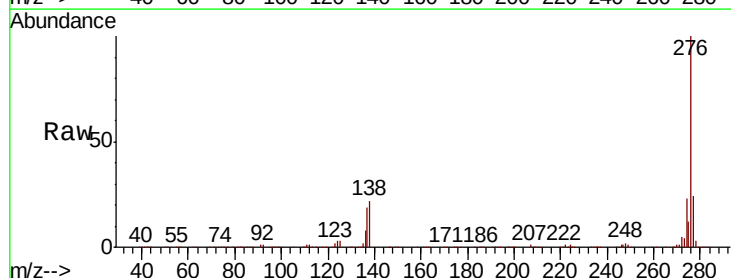
Tgt Ion:276 Resp: 1373289

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 22.3 17.5 26.3



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

