

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120928.D
 Acq On : 20 Jul 2020 10:27
 Operator : JU/CG
 Sample : PB130275BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130275BS

Quant Time: Jul 20 11:33:49 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	190869	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	735909	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	377051	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	709695	20.00	ng	0.00
76) Chrysene-d12	13.98	240	534909	20.00	ng	0.00
86) Perylene-d12	15.43	264	542605	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1124862	96.61	ng	0.02
7) Phenol-d6	6.45	99	1366042	90.83	ng	0.00
23) Nitrobenzene-d5	7.38	82	856596	67.35	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	398164	96.47	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1564402	61.95	ng	0.00
79) Terphenyl-d14	12.93	244	1504831	61.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	183772	34.296	ng	97
3) Pyridine	3.36	79	525153	36.841	ng	99
4) n-Nitrosodimethylamine	3.31	42	235491	38.635	ng	96
6) Aniline	6.48	93	499399	25.438	ng	99
8) 2-Chlorophenol	6.60	128	517470	40.345	ng	97
9) Benzaldehyde	6.36	77	135644	15.213	ng	97
10) Phenol	6.46	94	618735	37.399	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	489289	38.590	ng	99
12) 1,3-Dichlorobenzene	6.76	146	525705	37.798	ng	100
13) 1,4-Dichlorobenzene	6.83	146	528656	38.226	ng	100
14) 1,2-Dichlorobenzene	6.99	146	509396	38.934	ng	99
15) Benzyl Alcohol	6.96	79	402312	37.826	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	690660	37.792	ng	100
17) 2-Methylphenol	7.07	107	404060	35.543	ng	99
18) Hexachloroethane	7.33	117	196978	39.352	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	319930	37.410	ng	97
20) 3+4-Methylphenols	7.23	107	455886	31.524	ng	# 88
22) Acetophenone	7.23	105	618188	37.430	ng	94
24) Nitrobenzene	7.40	77	514277	37.518	ng	98
25) Isophorone	7.64	82	934618	36.821	ng	98
26) 2-Nitrophenol	7.72	139	265023	40.709	ng	98
27) 2,4-Dimethylphenol	7.76	122	425808	40.285	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	603747	38.967	ng	99
29) 2,4-Dichlorophenol	7.96	162	417777	38.680	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	458571	38.267	ng	99
31) Naphthalene	8.12	128	1403484	37.180	ng	99
32) Benzoic acid	7.88	122	311225	39.224	ng	98
33) 4-Chloroaniline	8.17	127	266832	15.846	ng	99
34) Hexachlorobutadiene	8.24	225	261460	37.012	ng	98
35) Caprolactam	8.55	113	96347	27.816	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	434555	39.229	ng	97
37) 2-Methylnaphthalene	8.82	142	947916	38.674	ng	100
38) 1-Methylnaphthalene	8.92	142	896199	38.606	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	409777	37.301	ng	99

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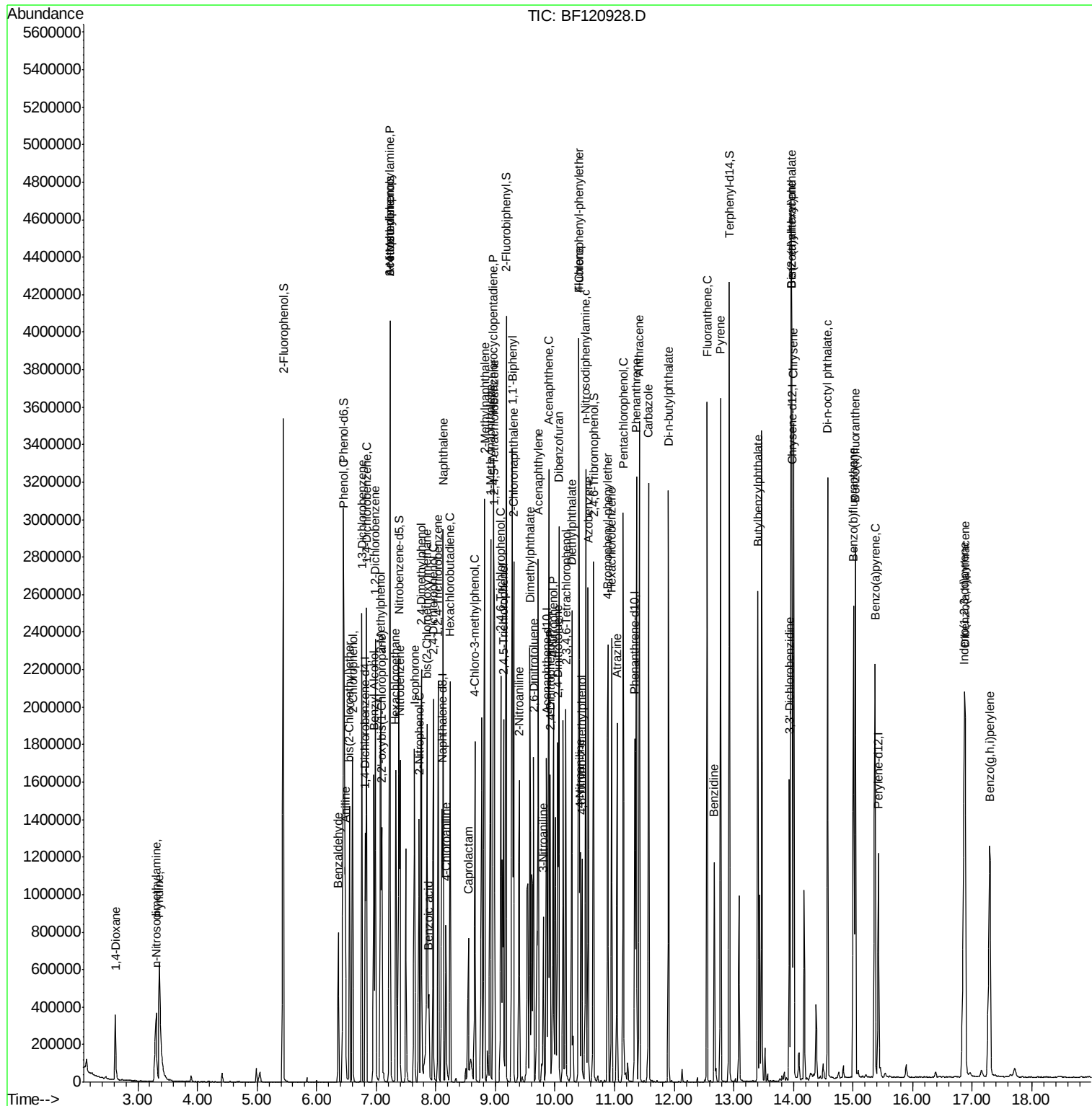
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	489240	80.579	nq	96
43) 2,4,6-Trichlorophenol	9.09	196	309517	40.016	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	323324	36.851	nq	98
46) 1,1'-Biphenyl	9.28	154	1115502	38.785	nq	99
47) 2-Chloronaphthalene	9.30	162	883323	37.669	nq	98
48) 2-Nitroaniline	9.40	65	269639	38.050	nq	95
49) Acenaphthylene	9.72	152	1378368	37.837	nq	100
50) Dimethylphthalate	9.58	163	1027394	37.769	nq	99
51) 2,6-Dinitrotoluene	9.64	165	233071	39.882	nq	94
52) Acenaphthene	9.89	154	868281	37.490	nq	99
53) 3-Nitroaniline	9.80	138	140776	19.207	nq	97
54) 2,4-Dinitrophenol	9.92	184	230865	69.602	nq	# 87
55) Dibenzofuran	10.06	168	1238038	36.965	nq	99
56) 4-Nitrophenol	9.97	139	409147	73.486	nq	96
57) 2,4-Dinitrotoluene	10.05	165	311309	40.564	nq	99
58) Fluorene	10.40	166	902634	36.135	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	277876	41.596	nq	98
60) Diethylphthalate	10.28	149	1030148	37.441	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	443077	33.256	nq	95
62) 4-Nitroaniline	10.42	138	242640	33.985	nq	99
63) Azobenzene	10.56	77	983860	37.561	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	159988	39.675	nq	96
66) n-Nitrosodiphenylamine	10.52	169	871644	39.042	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	297707	37.625	nq	94
68) Hexachlorobenzene	10.95	284	337597	39.442	nq	93
69) Atrazine	11.05	200	254613	46.050	nq	99
70) Pentachlorophenol	11.15	266	384129	78.338	nq	98
71) Phenanthrene	11.36	178	1368924	37.505	nq	100
72) Anthracene	11.42	178	1424030	38.854	nq	99
73) Carbazole	11.57	167	1335759	36.724	nq	99
74) Di-n-butylphthalate	11.90	149	1613915	38.450	nq	100
75) Fluoranthene	12.55	202	1527135	37.747	nq	99
77) Benzidine	12.67	184	494223	35.142	nq	99
78) Pyrene	12.78	202	1553108	41.068	nq	99
80) Butylbenzylphthalate	13.40	149	682327	40.473	nq	95
81) Benzo(a)anthracene	13.97	228	1226024	37.850	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	337637	27.629	nq	98
83) Chrysene	14.00	228	1316071	38.663	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	821585	39.520	nq	# 100
85) Di-n-octyl phthalate	14.57	149	1596988	38.612	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1363244	36.126	nq	99
88) Benzo(b)fluoranthene	15.01	252	1340003	40.856	nq	99
89) Benzo(k)fluoranthene	15.04	252	1268383	42.404	nq	99
90) Benzo(a)pyrene	15.37	252	1194764	39.926	nq	99
91) Dibenzo(a,h)anthracene	16.88	278	1132315	36.734	nq	99
92) Benzo(g,h,i)perylene	17.29	276	1092627	35.950	nq	99

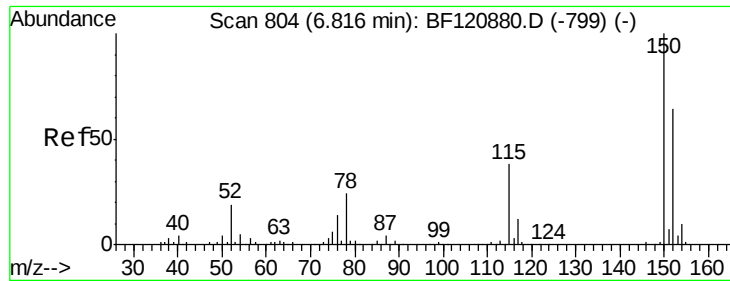
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

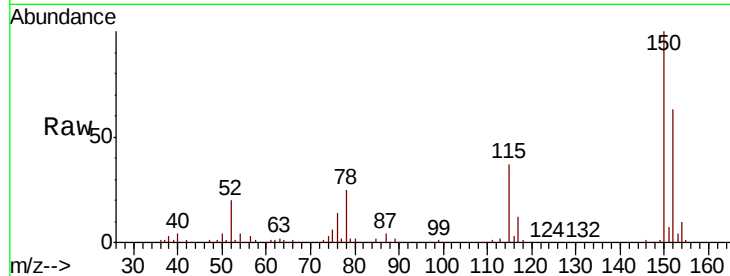
Tot Ion:152 Resp: 190869

Ion Ratio Lower Upper

152 100

150 158.5 125.0 187.6

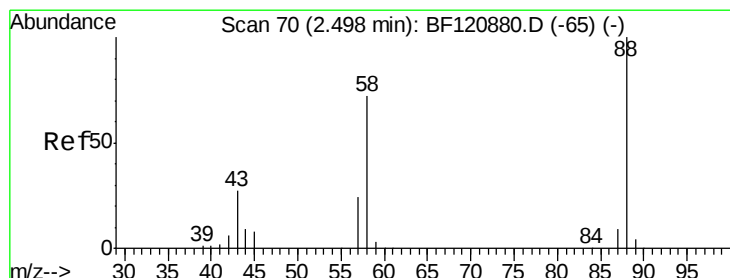
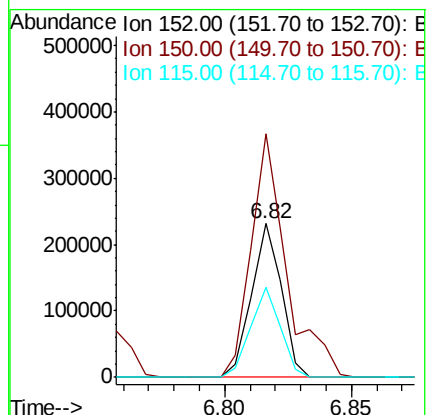
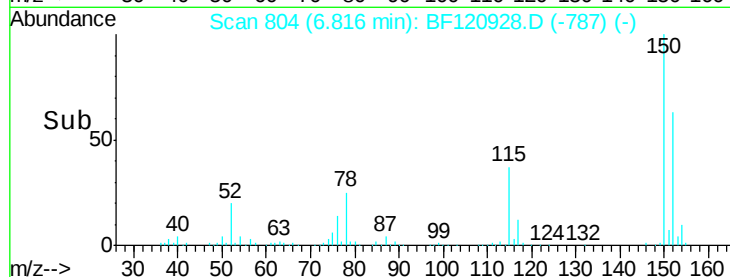
115 58.3 47.0 70.4



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



#2

1,4-Dioxane

Concen: 34.296 ng

RT: 2.62 min Scan# 91

Delta R.T. 0.12 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

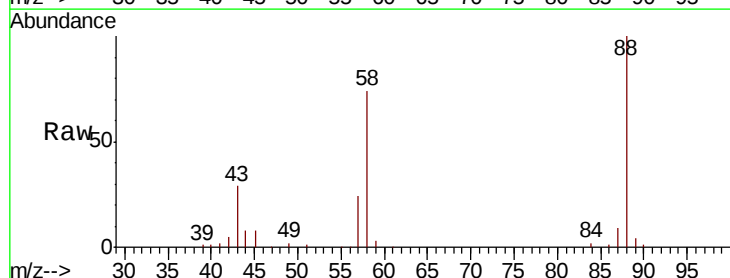
Tgt Ion: 88 Resp: 183772

Ion Ratio Lower Upper

88 100

58 74.5 58.2 87.2

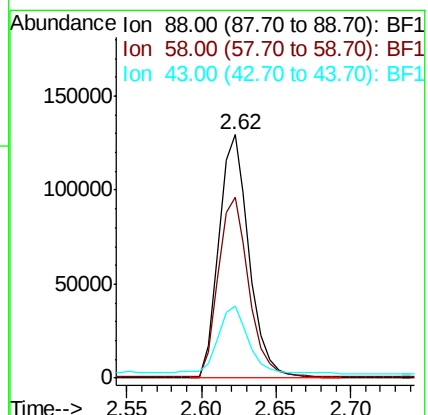
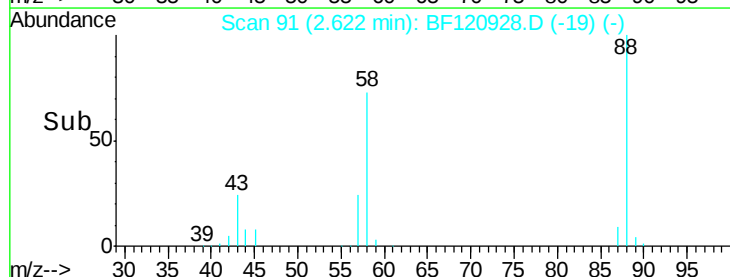
43 30.4 22.1 33.1

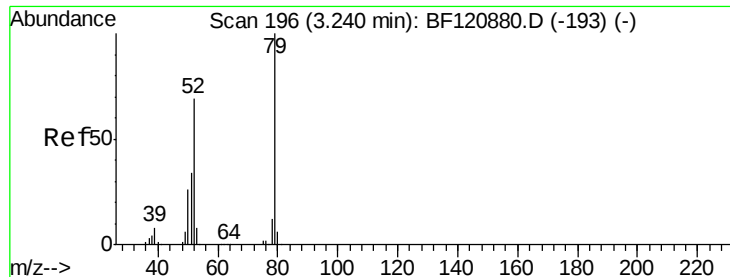


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

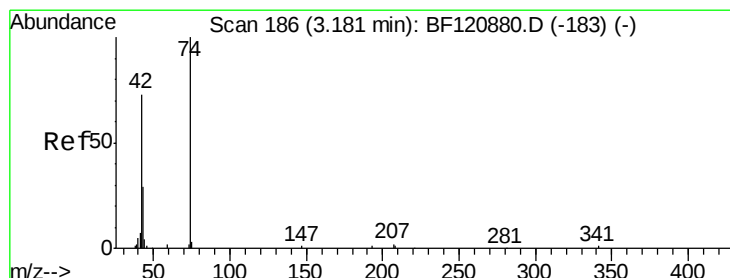
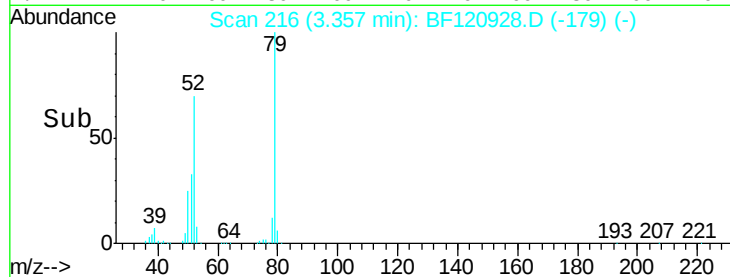
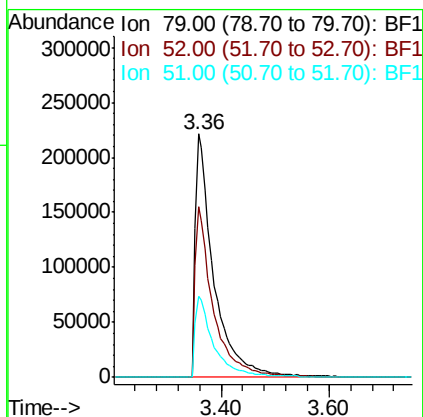
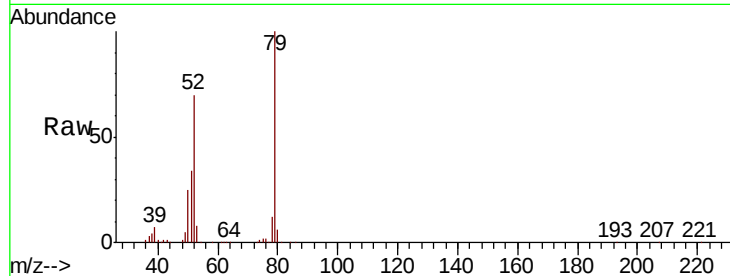




#3
 Pvridine
 Concen: 36.841 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.12 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

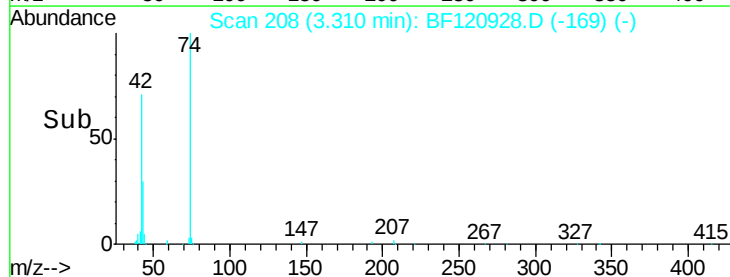
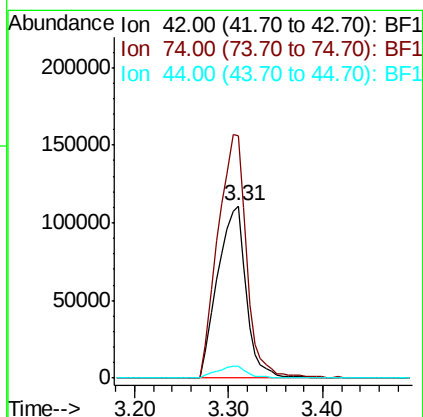
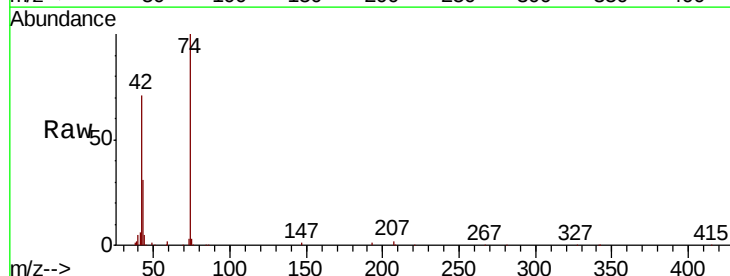
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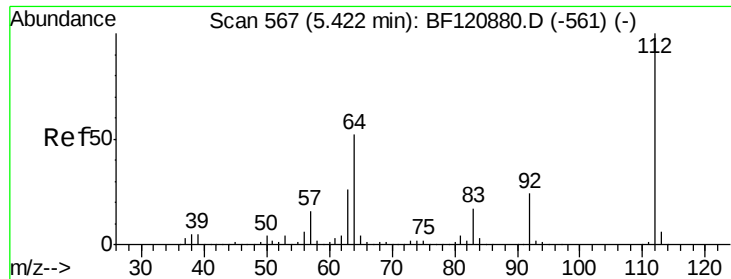
Tot Ion	Ratio	Lower	Upper
79	100		
52	69.9	55.0	82.6
51	33.6	26.9	40.3



#4
 n-Nitrosodimethylamine
 Concen: 38.635 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.13 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.8	108.7	163.1
44	7.0	5.2	7.8





#5

2-Fluorophenol

Concen: 96.613 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

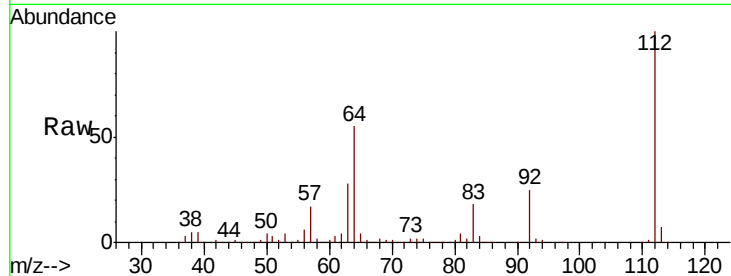
Tot Ion:112 Resp: 1124862

Ion Ratio Lower Upper

112 100

64 54.6 41.3 61.9

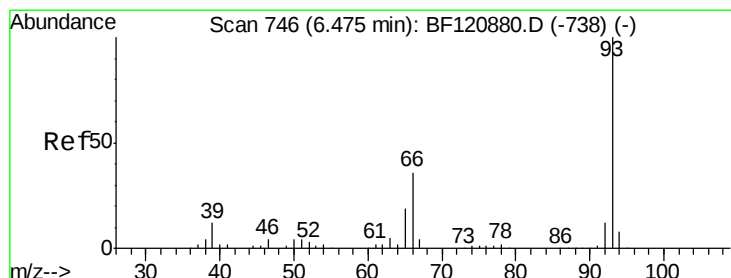
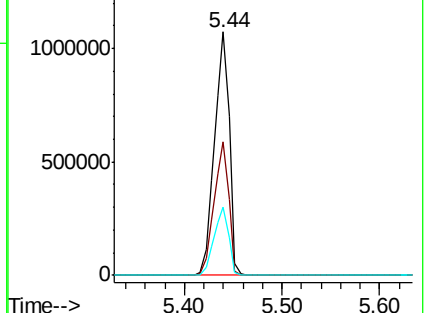
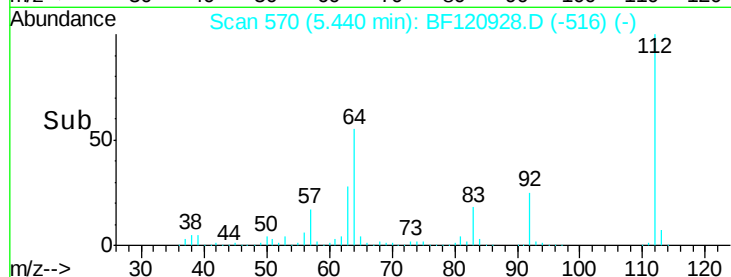
63 27.9 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.438 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

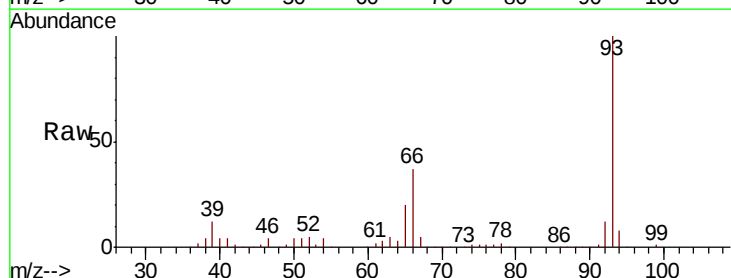
Tgt Ion: 93 Resp: 499399

Ion Ratio Lower Upper

93 100

66 37.0 30.2 45.4

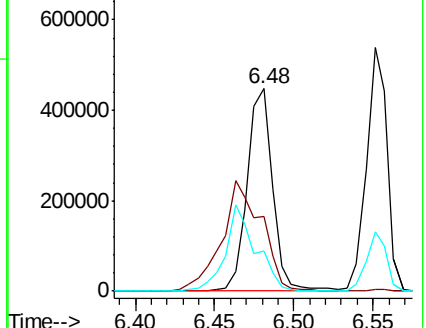
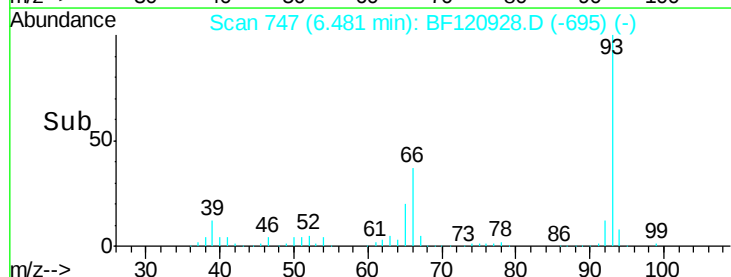
65 19.5 15.8 23.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.829 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

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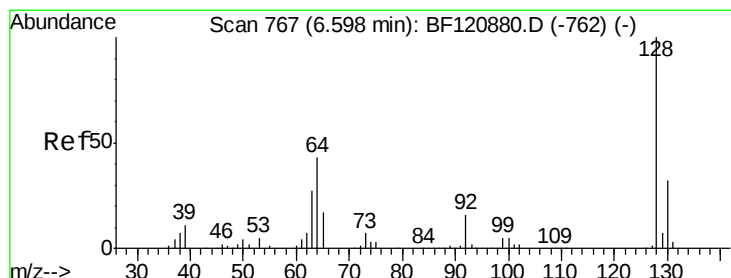
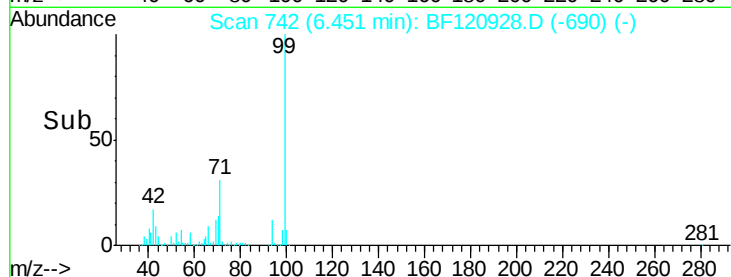
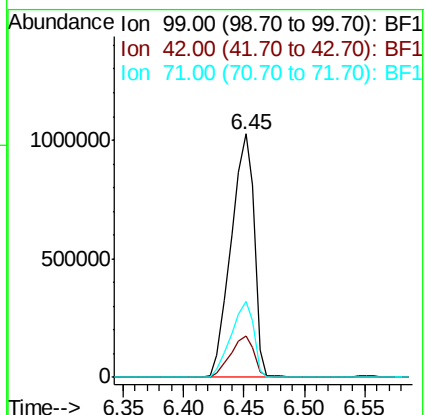
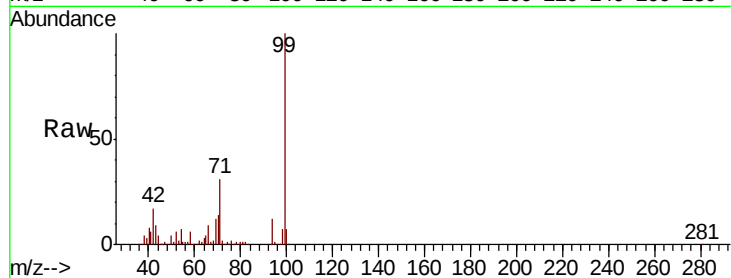
Tot Ion: 99 Resp: 1366042

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 31.0 24.2 36.4



#8

2-Chlorophenol

Concen: 40.345 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

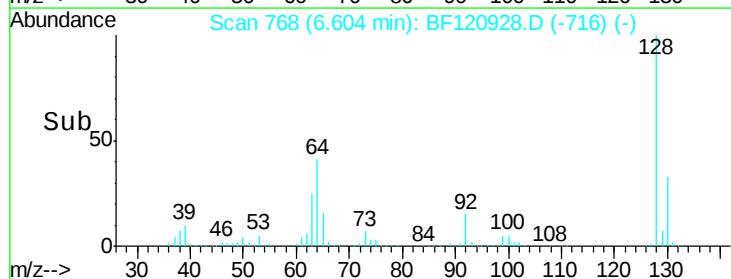
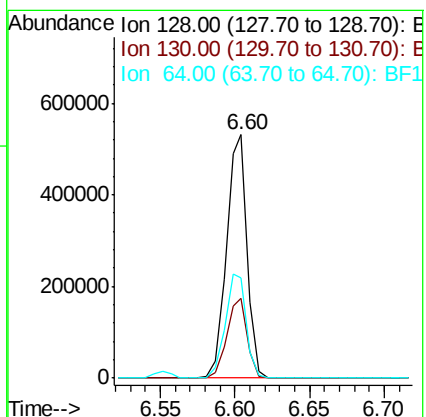
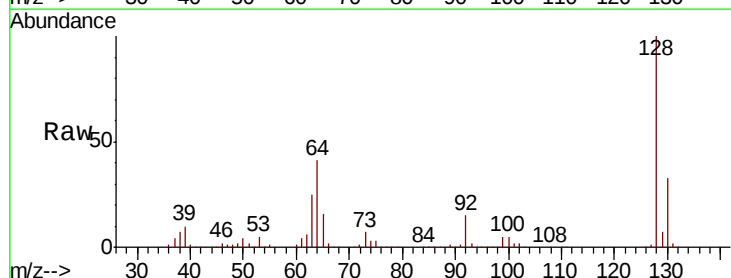
Tgt Ion: 128 Resp: 517470

Ion Ratio Lower Upper

128 100

130 32.8 12.1 52.1

64 41.1 24.0 64.0





#9

Benzaldehyde

Concen: 15.213 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

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BNA_F

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PB130275BS

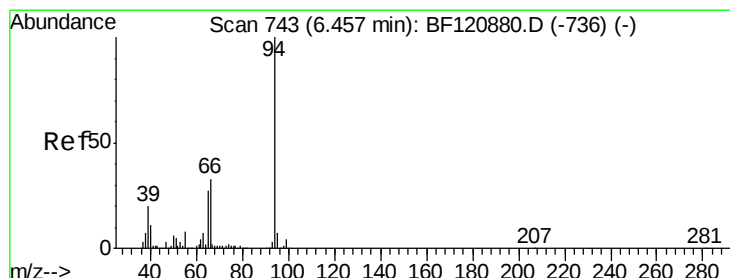
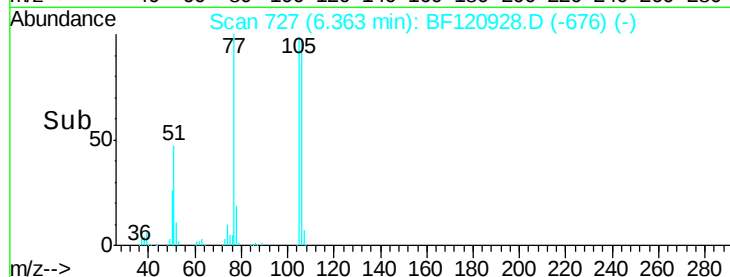
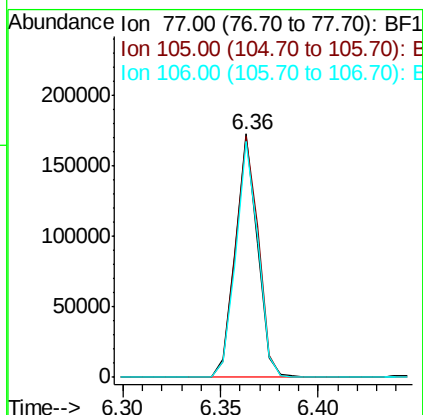
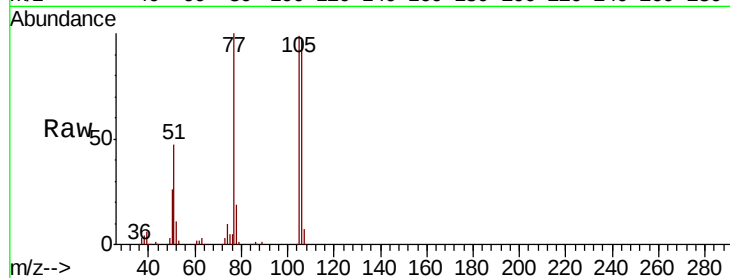
Tot Ion: 77 Resp: 135644

Ion Ratio Lower Upper

77 100

105 98.8 82.5 122.5

106 97.1 78.7 118.7



#10

Phenol

Concen: 37.399 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

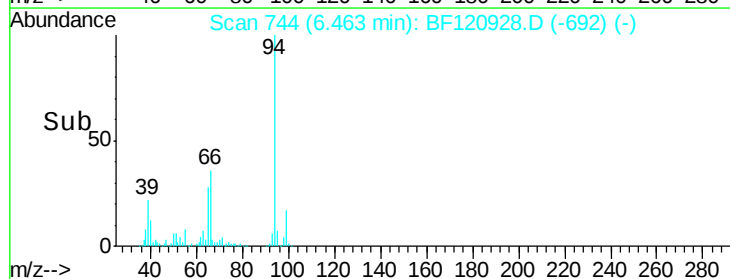
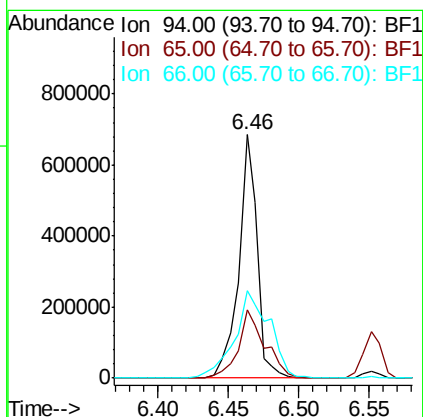
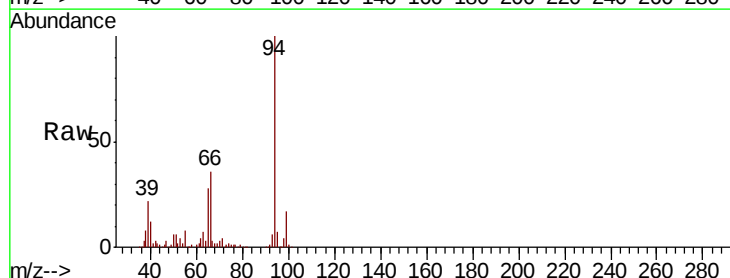
Tgt Ion: 94 Resp: 618735

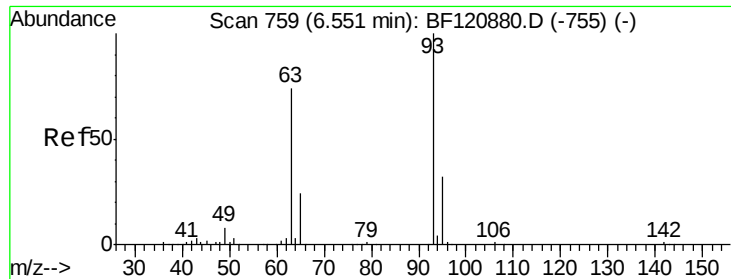
Ion Ratio Lower Upper

94 100

65 27.9 6.6 46.6

66 35.8 13.2 53.2

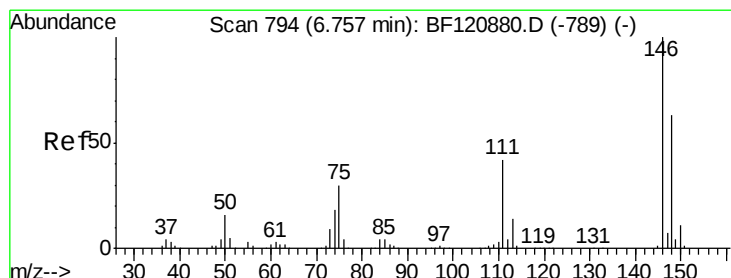
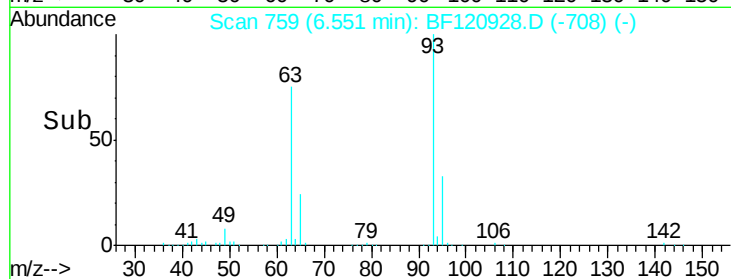
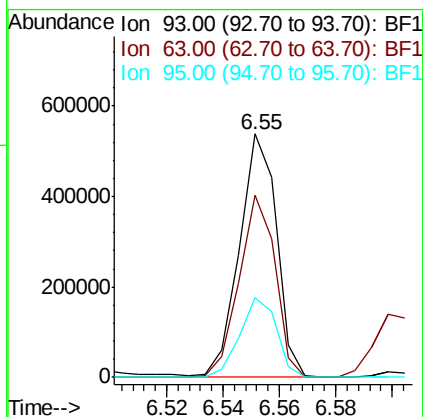
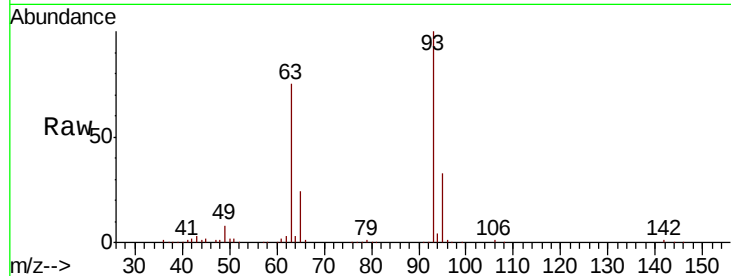




#11
bis(2-Chloroethyl)ether
Concen: 38.590 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

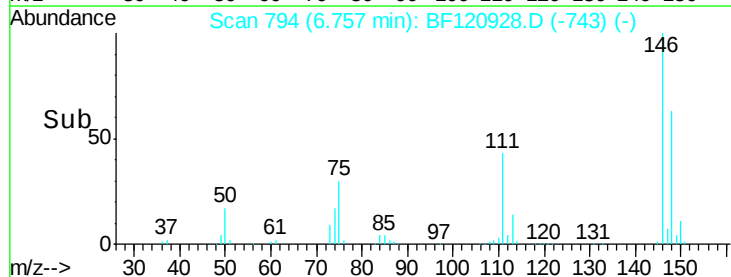
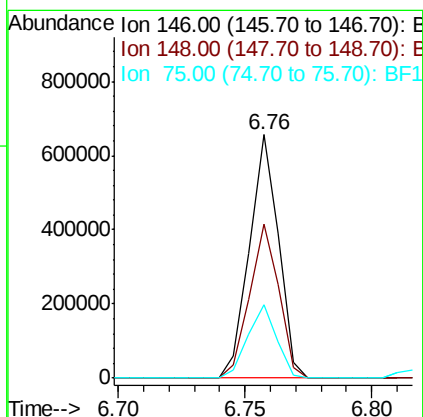
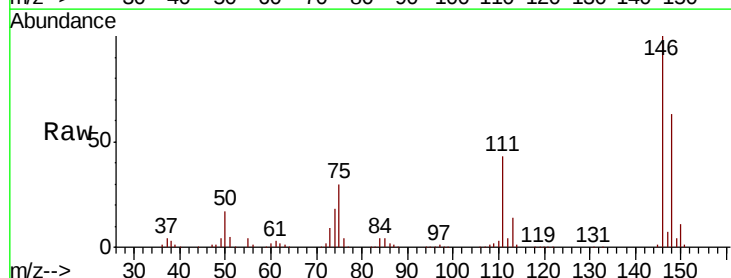
Instrument :
BNA_F
ClientSampleId :
PB130275BS

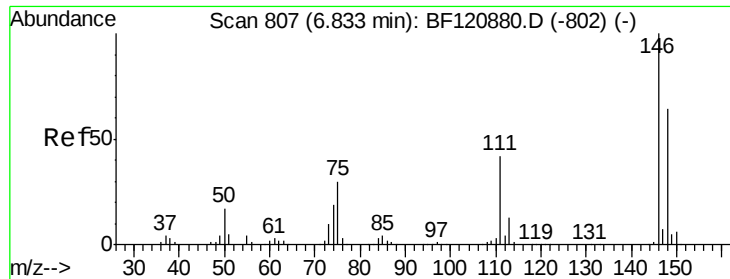
Tot Ion: 93 Resp: 489289
Ion Ratio Lower Upper
93 100
63 74.6 54.2 94.2
95 33.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 37.798 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

Tgt Ion: 146 Resp: 525705
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
75 30.1 24.1 36.1

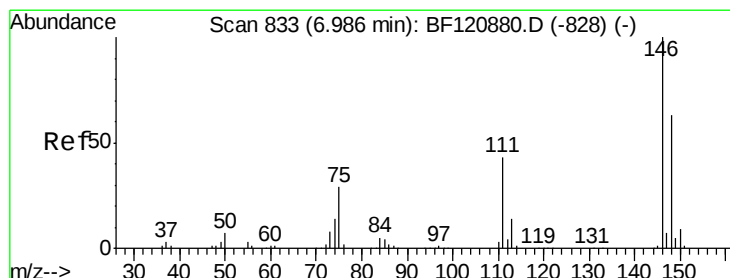
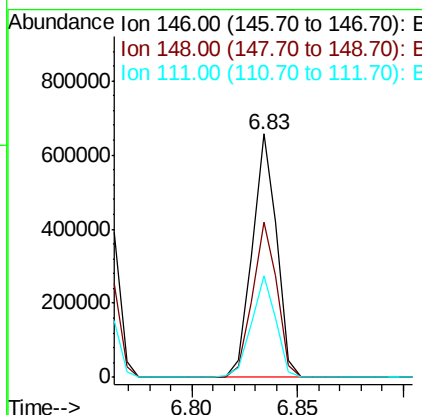
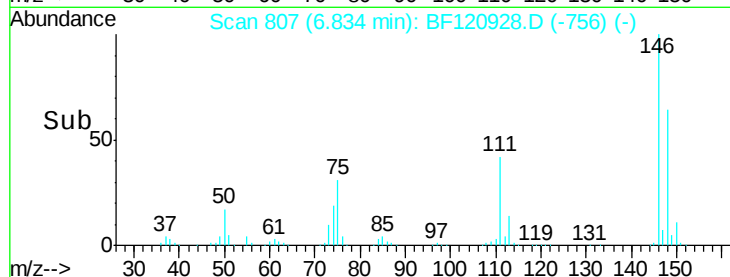
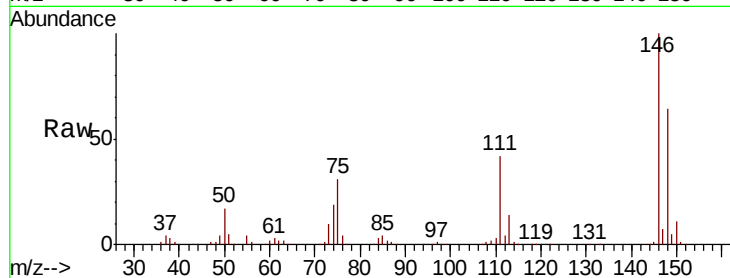




#13
 1,4-Dichlorobenzene
 Concen: 38.226 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

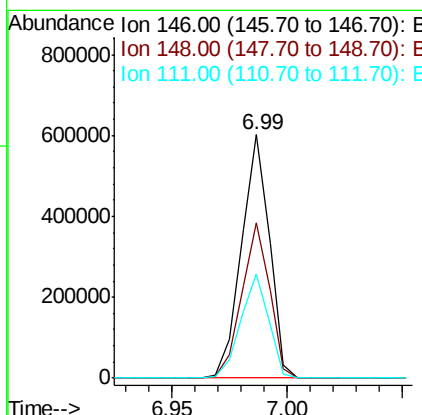
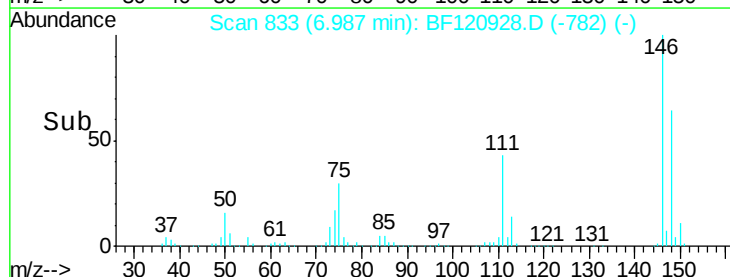
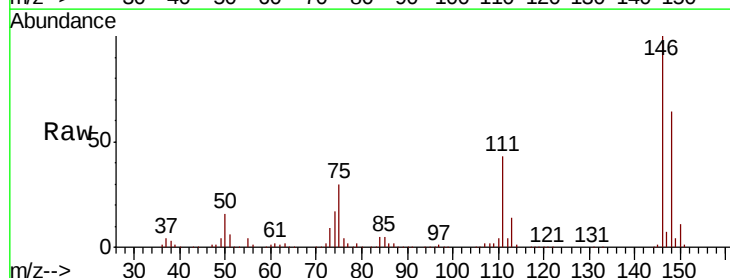
Instrument :
 BNA_F
 ClientSampleId :
 PB130275BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
111	42.0	33.5	50.3



#14
 1,2-Dichlorobenzene
 Concen: 38.934 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	76.0
111	42.9	34.2	51.2





#15

Benzyl Alcohol

Concen: 37.826 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

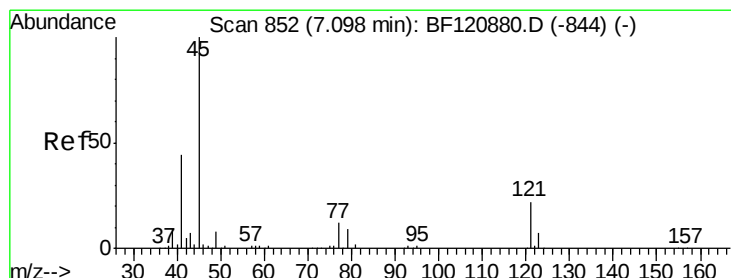
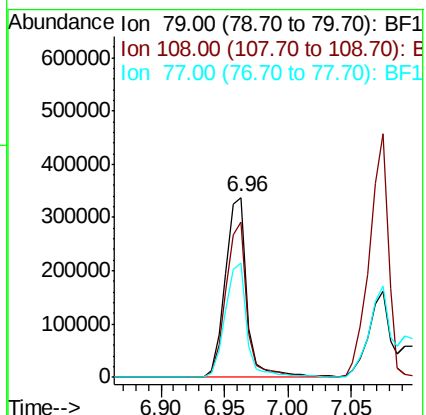
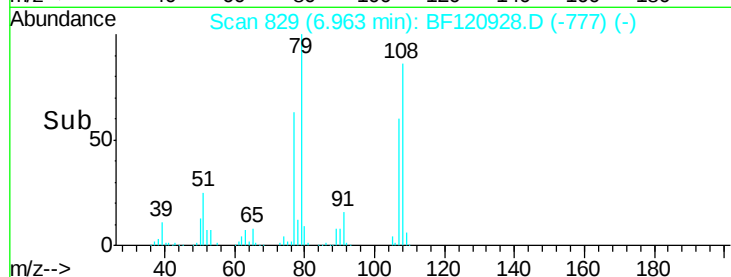
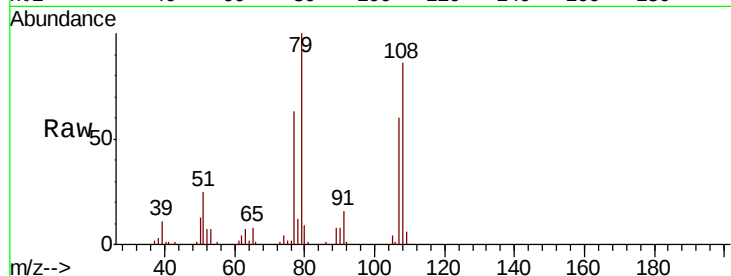
Tot Ion: 79 Resp: 402312

Ion Ratio Lower Upper

79 100

108 86.0 67.0 100.6

77 63.2 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.792 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

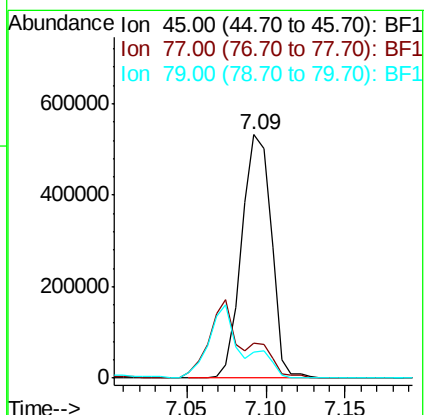
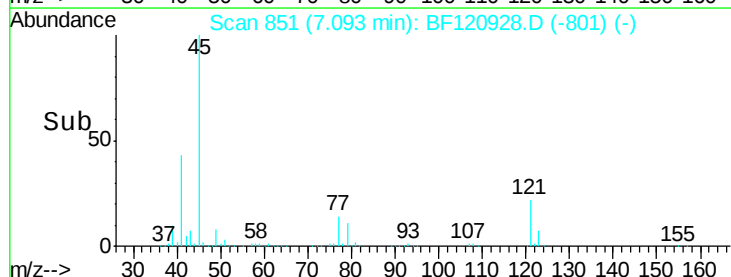
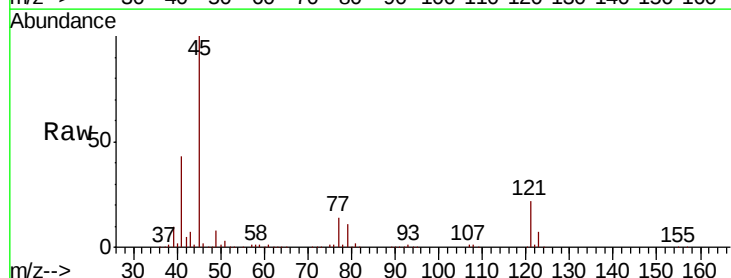
Tgt Ion: 45 Resp: 690660

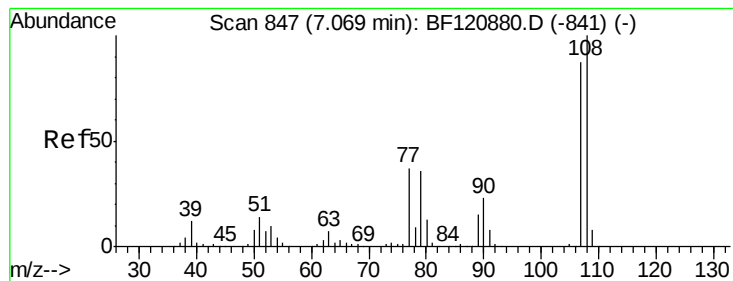
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.3

79 10.9 0.0 31.0





#17

2-Methylphenol

Concen: 35.543 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

Tot Ion:107 Resp: 404060

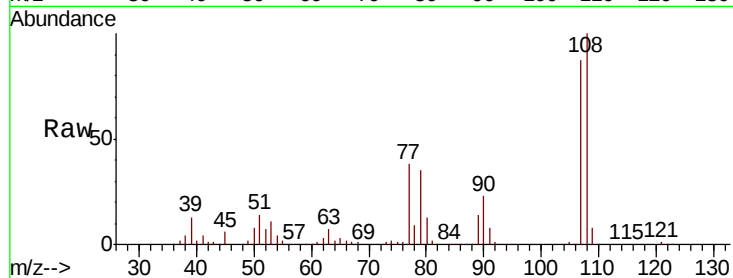
Ion Ratio Lower Upper

107 100

108 115.1 92.0 138.0

77 43.2 34.0 51.0

79 40.8 33.3 49.9

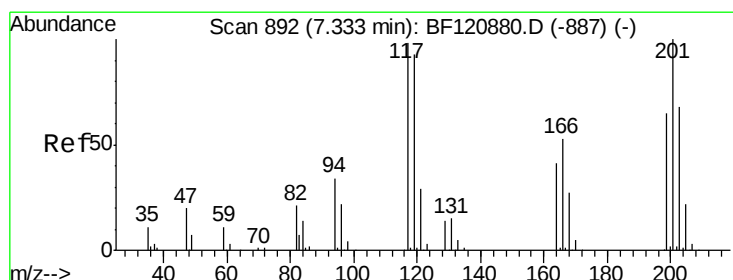
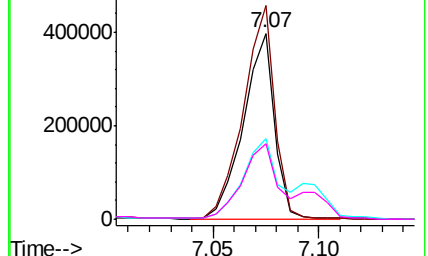
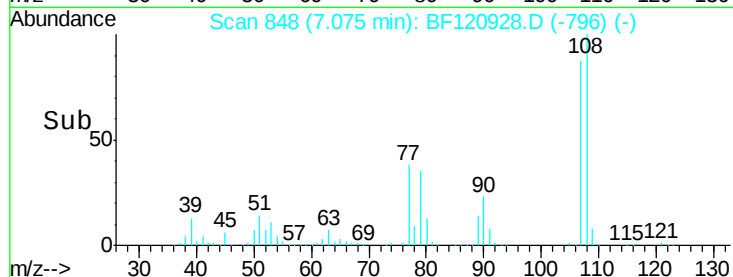


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.352 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

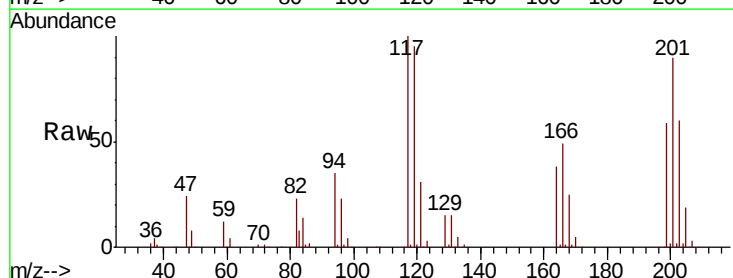
Tgt Ion:117 Resp: 196978

Ion Ratio Lower Upper

117 100

119 94.6 76.0 114.0

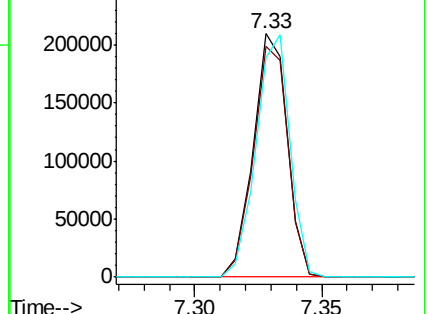
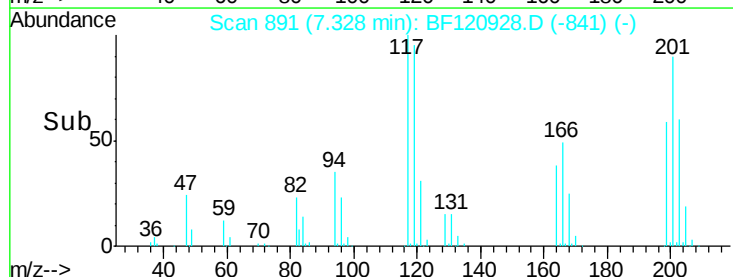
201 90.1 81.7 122.5

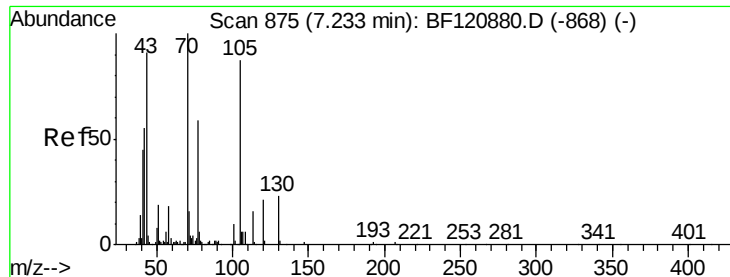


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

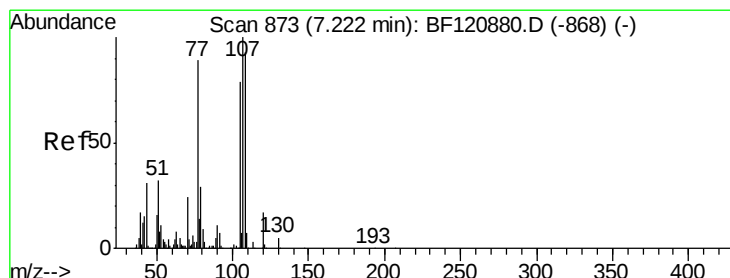
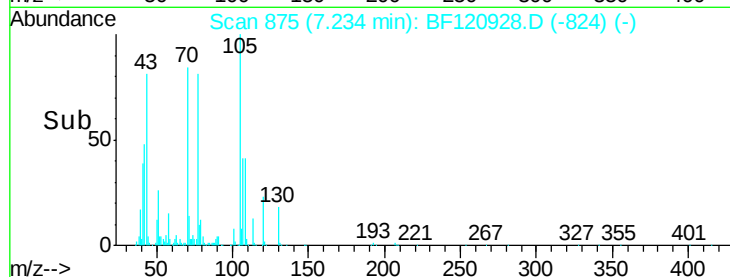
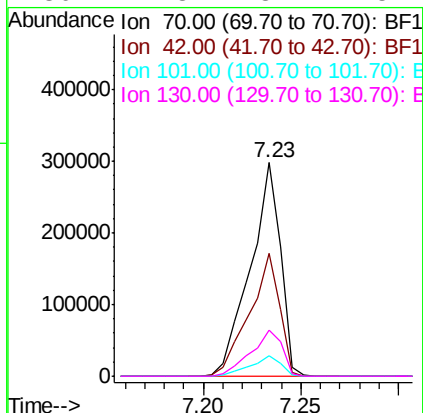
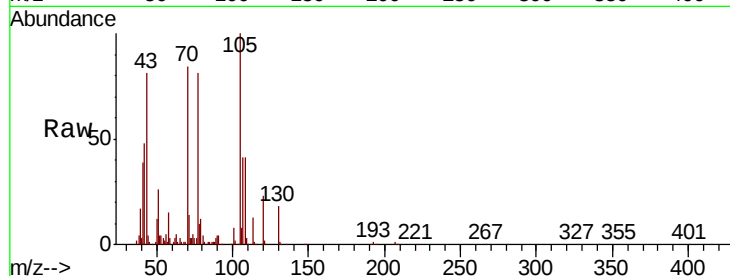




#19
n-Nitroso-di-n-propylamine
Concen: 37.410 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

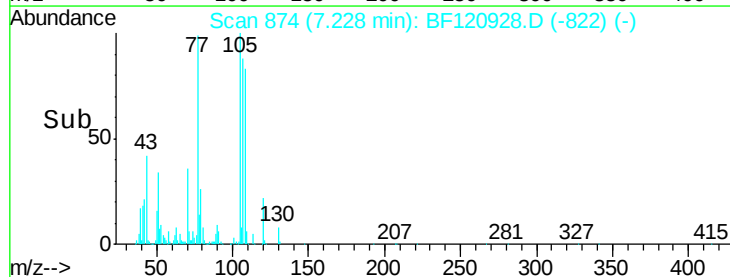
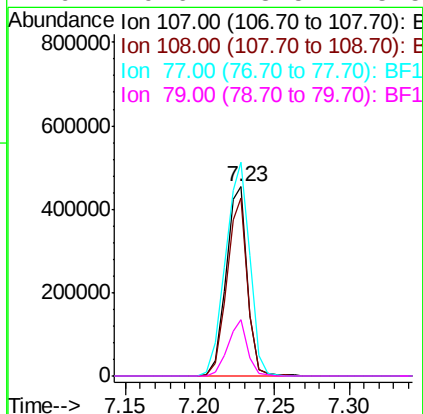
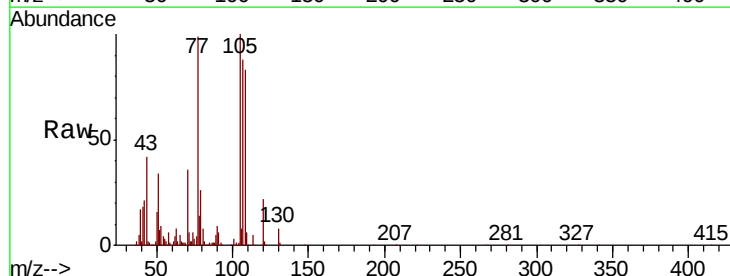
Instrument :
BNA_F
ClientSampleId :
PB130275BS

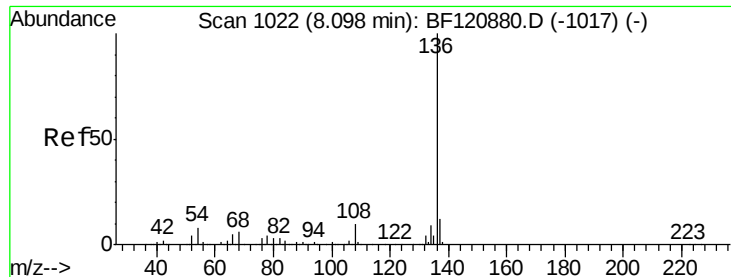
Tot Ion:	70	Resp:	319930
Ion	Ratio	Lower	Upper
70	100		
42	57.5	44.0	66.0
101	9.6	7.8	11.6
130	21.8	18.7	28.1



#20
3+4-Methylphenols
Concen: 31.524 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

Tgt Ion:	107	Resp:	455886
Ion	Ratio	Lower	Upper
107	100		
108	94.3	72.8	112.8
77	113.0	68.7	108.7#
79	29.6	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: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

Tot Ion:136 Resp: 735909

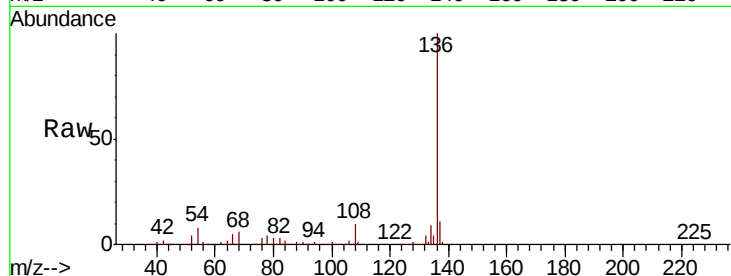
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.9 6.3 9.5

68 6.2 5.0 7.4

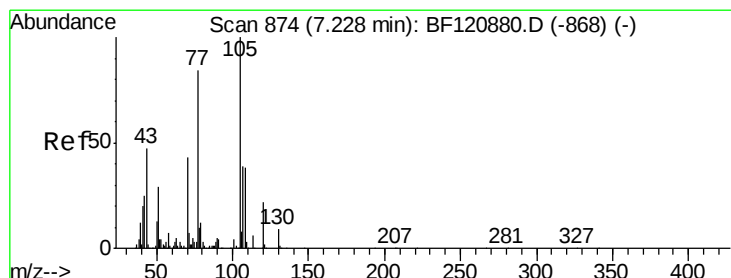
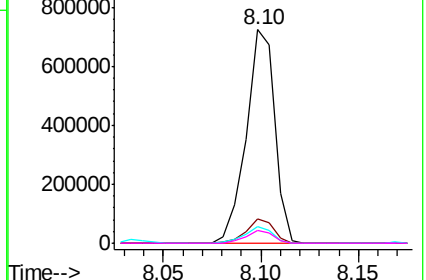
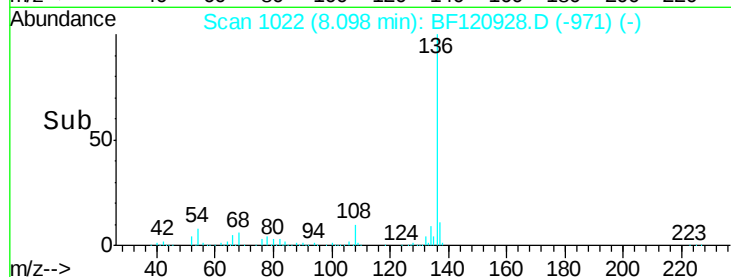


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.430 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Tgt Ion:105 Resp: 618188

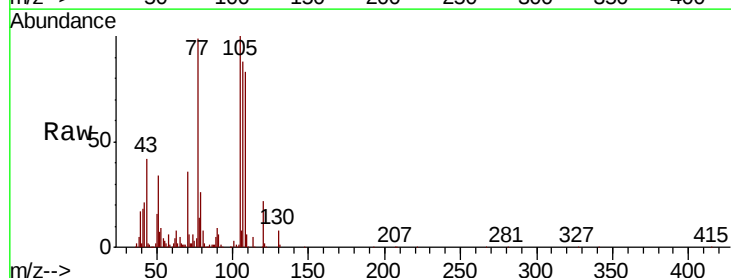
Ion Ratio Lower Upper

105 100

71 5.8 5.7 8.5

51 34.1 22.9 34.3

120 22.1 18.0 27.0

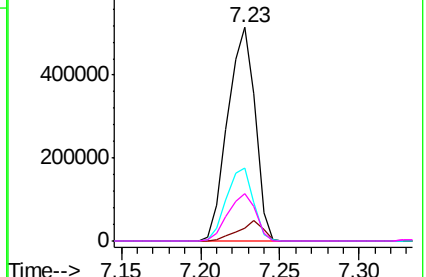
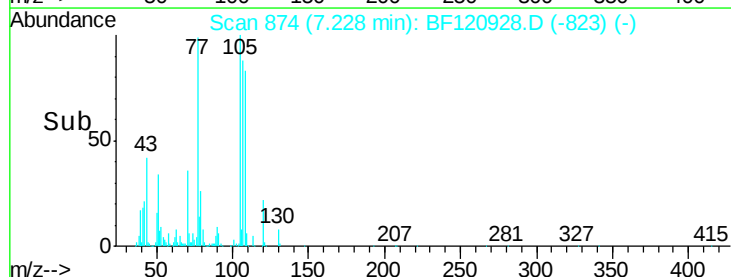


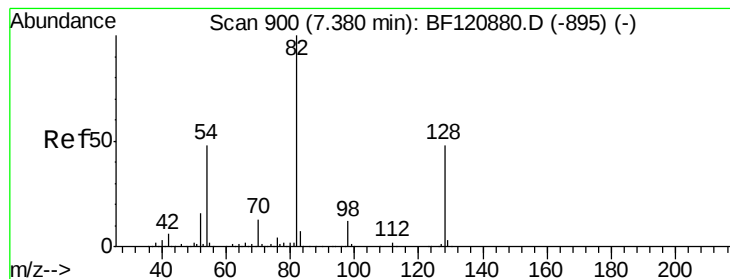
Abundance Ion 105.00 (104.70 to 105.70): E

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: 67.352 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

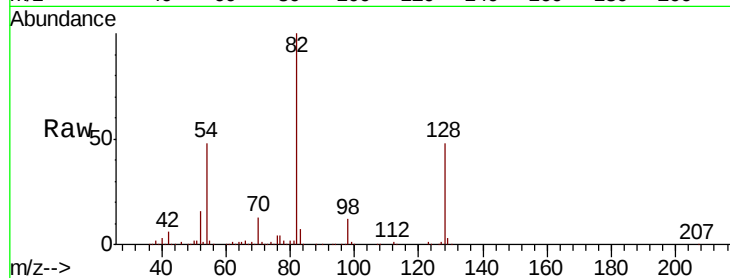
Tot Ion: 82 Resp: 856596

Ion Ratio Lower Upper

82 100

128 47.6 38.2 57.4

54 48.2 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

7.38

800000

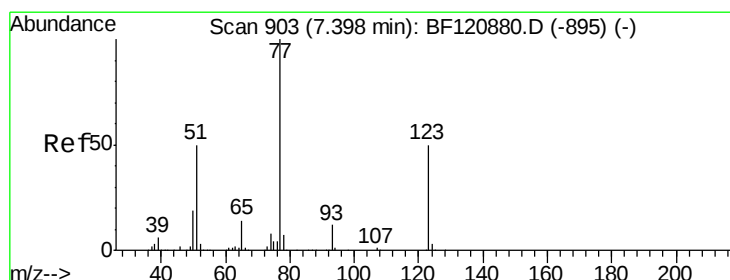
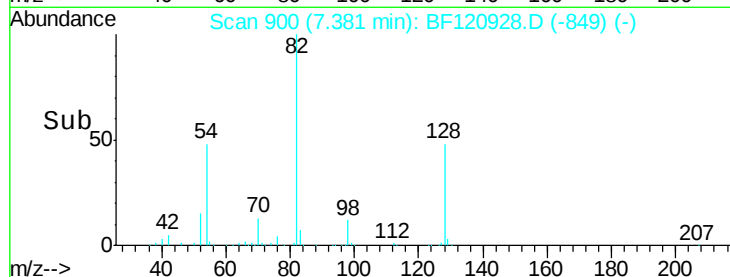
600000

400000

200000

0

Time--> 7.30 7.35 7.40 7.45



#24

Nitrobenzene

Concen: 37.518 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

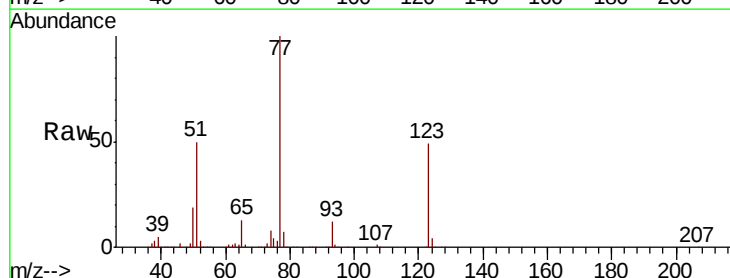
Tgt Ion: 77 Resp: 514277

Ion Ratio Lower Upper

77 100

123 48.7 40.1 60.1

65 13.5 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

7.40

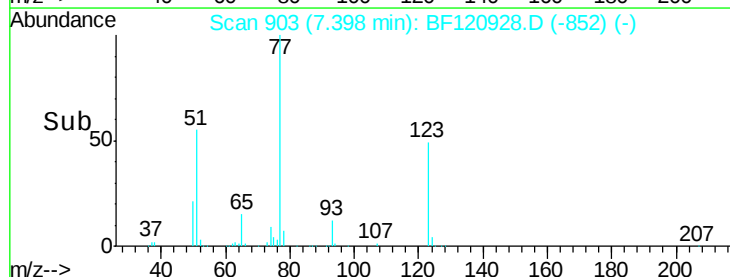
600000

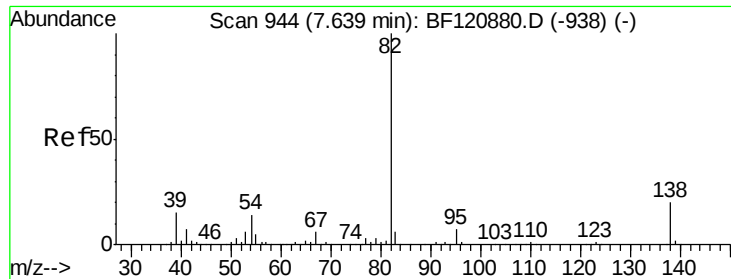
400000

200000

0

Time--> 7.30 7.35 7.40 7.45





#25

Isophorone

Concen: 36.821 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

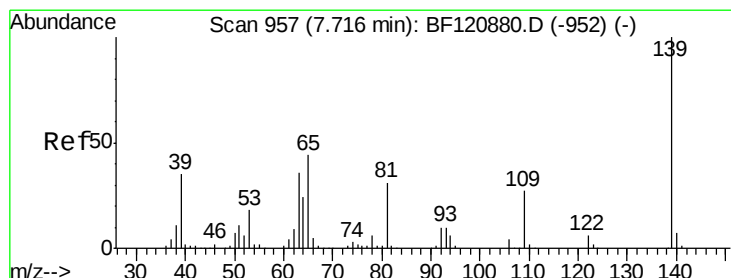
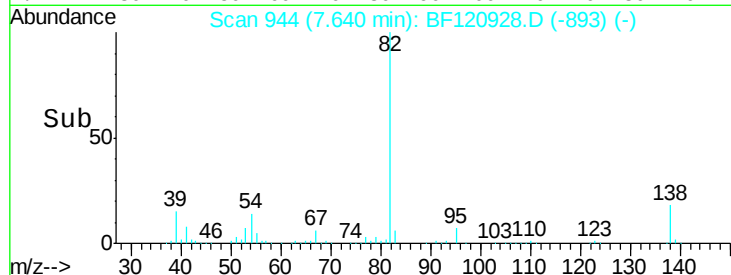
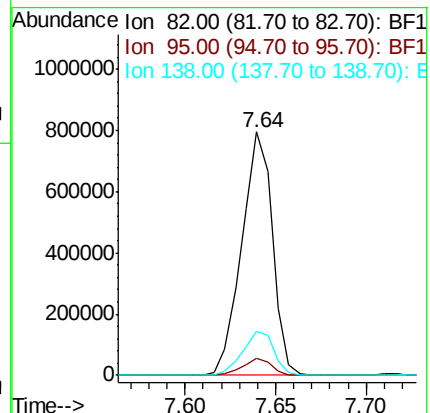
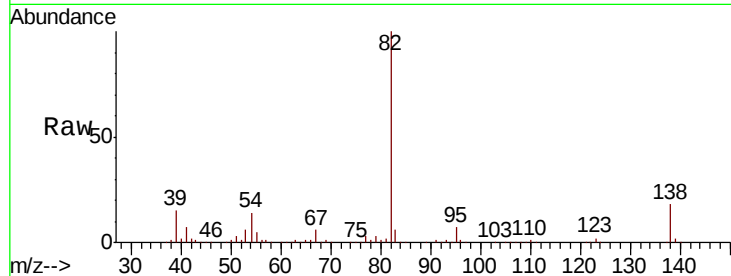
Tot Ion: 82 Resp: 934618

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 18.1 15.6 23.4



#26

2-Nitrophenol

Concen: 40.709 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

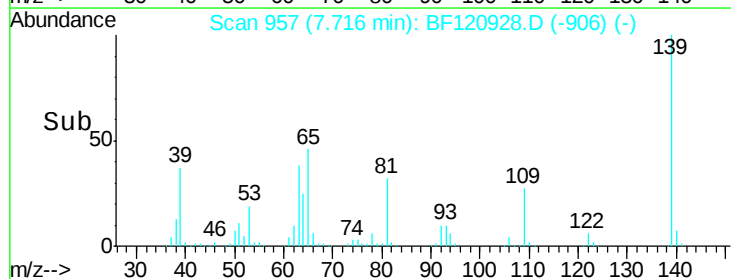
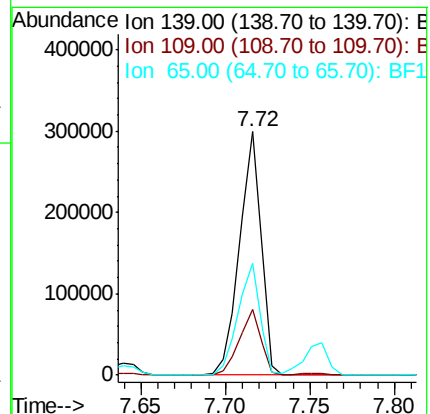
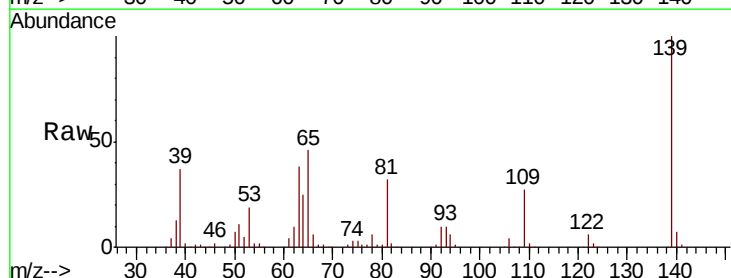
Tgt Ion: 139 Resp: 265023

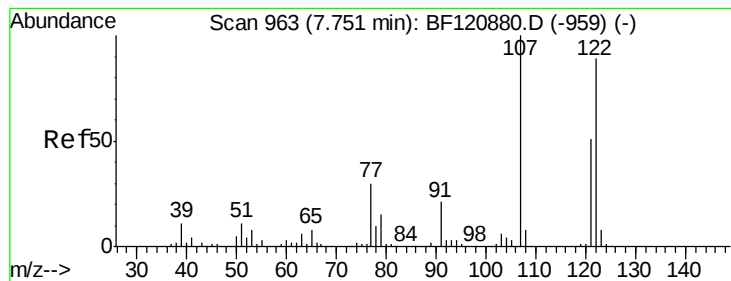
Ion Ratio Lower Upper

139 100

109 26.9 21.6 32.4

65 46.1 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 40.285 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

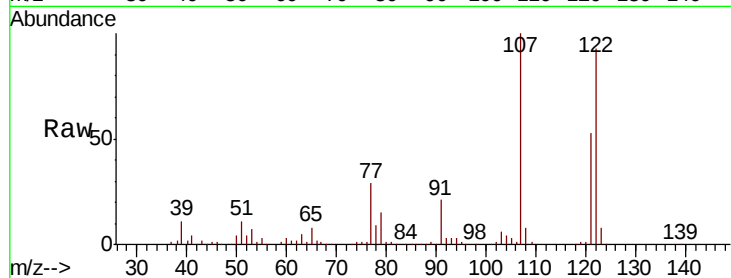
Tot Ion:122 Resp: 425808

Ion Ratio Lower Upper

122 100

107 107.5 89.4 134.0

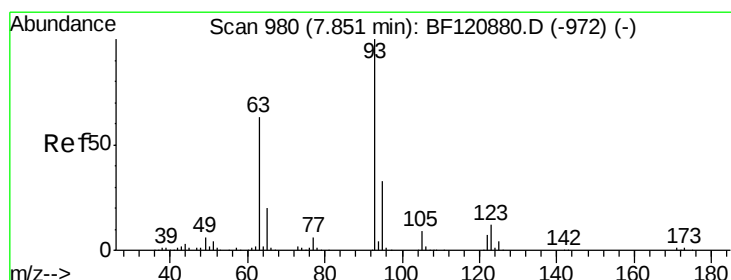
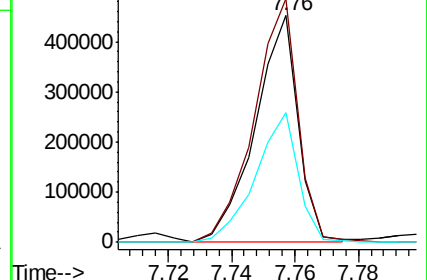
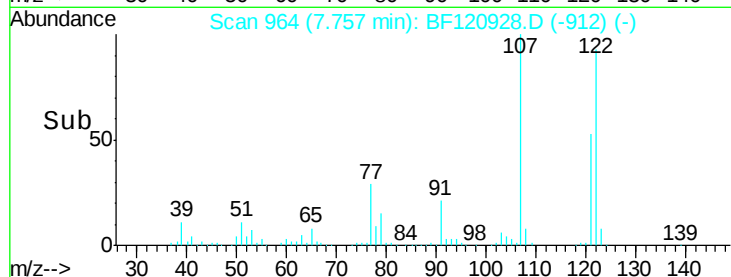
121 57.0 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.967 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

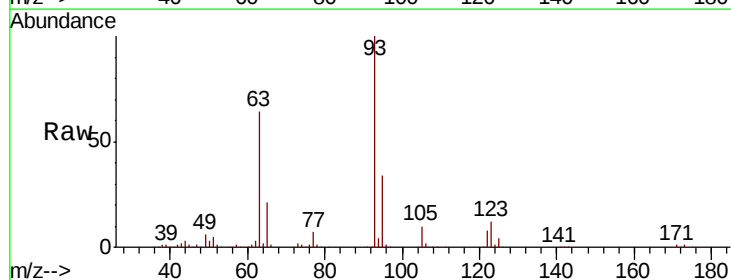
Tgt Ion: 93 Resp: 603747

Ion Ratio Lower Upper

93 100

95 33.8 26.6 39.8

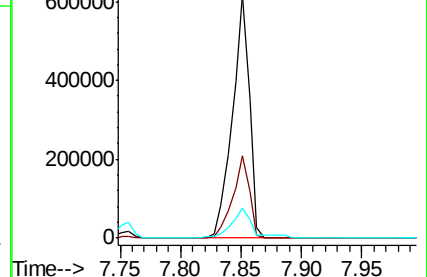
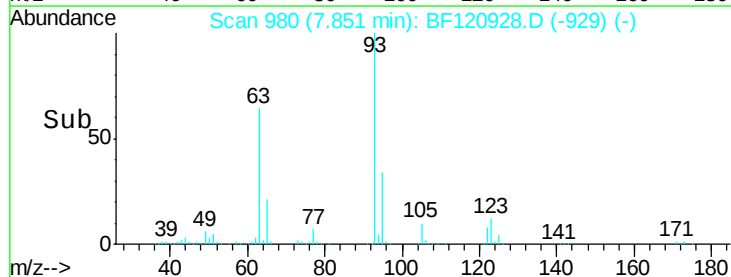
123 12.2 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

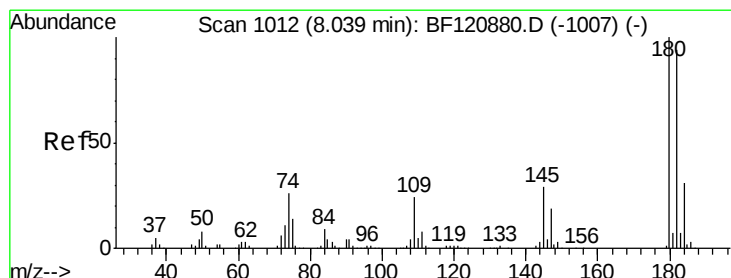
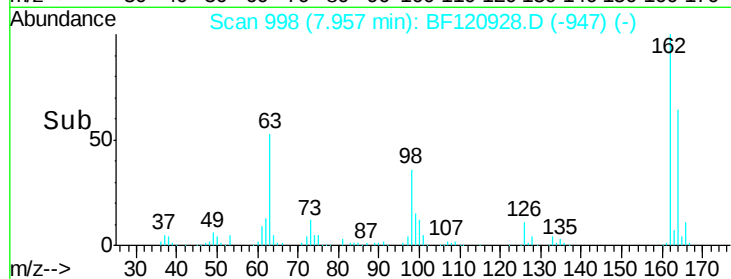
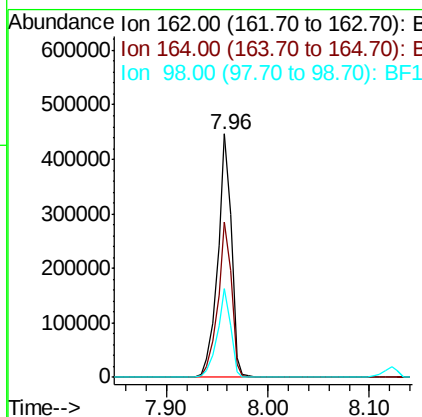
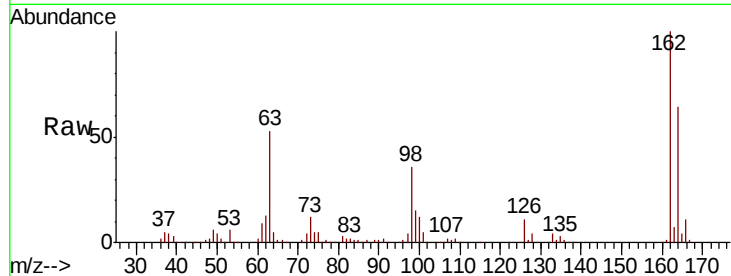




#29
2,4-Dichlorophenol
Concen: 38.680 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

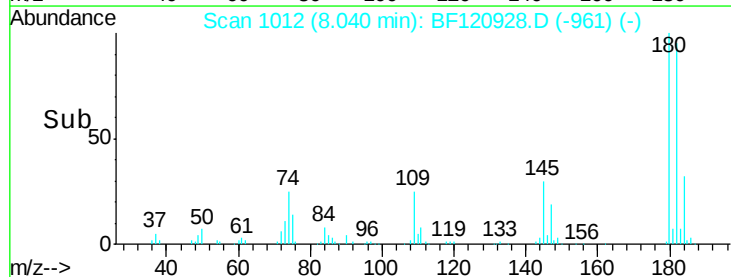
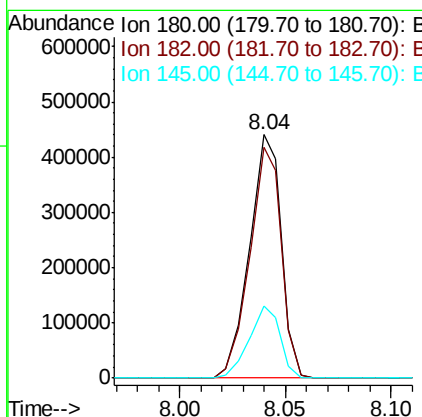
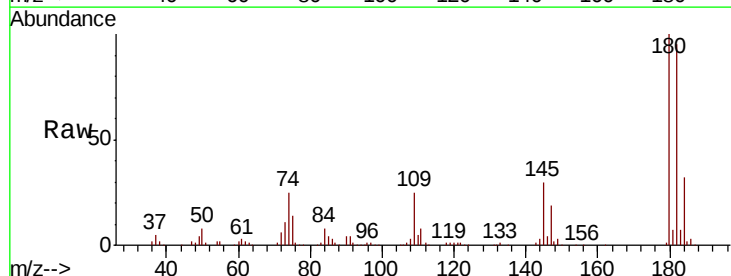
Instrument :
BNA_F
ClientSampleId :
PB130275BS

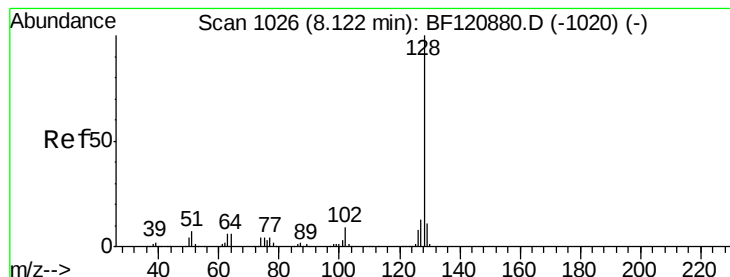
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.3	85.3
98	36.3	13.3	53.3



#30
1,2,4-Trichlorobenzene
Concen: 38.267 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.0	112.6
145	29.8	23.5	35.3





#31

Naphthalene

Concen: 37.180 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

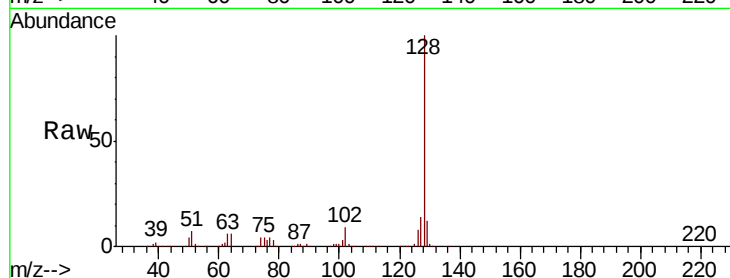
Tot Ion:128 Resp: 1403484

Ion Ratio Lower Upper

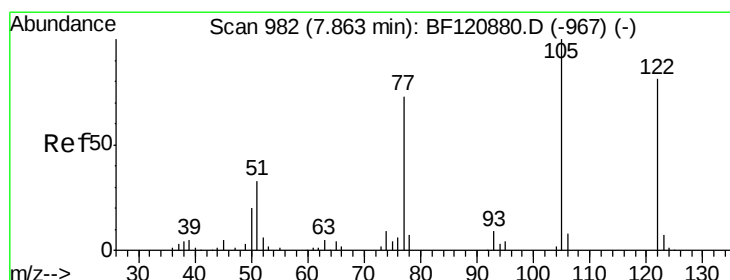
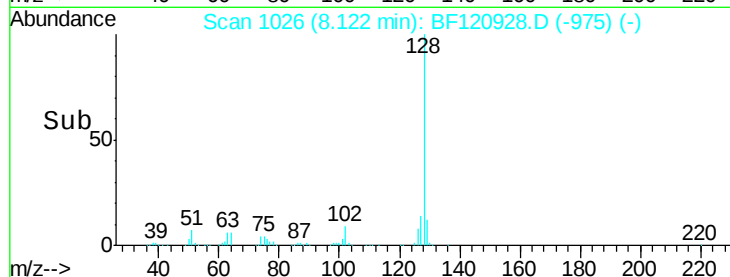
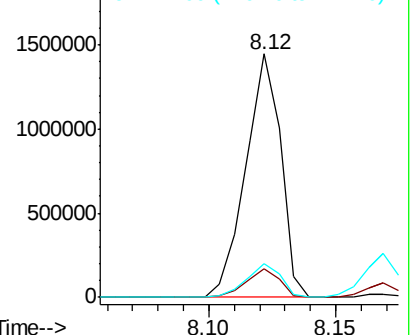
128 100

129 11.7 9.1 13.7

127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.224 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

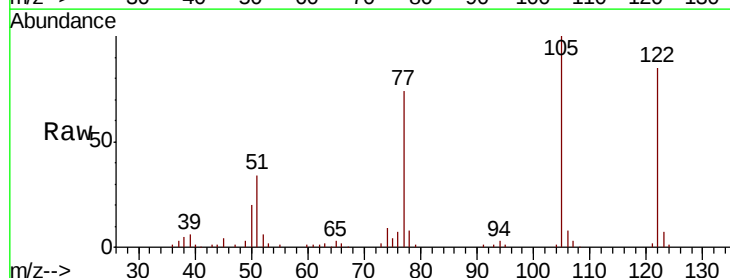
Tgt Ion:122 Resp: 311225

Ion Ratio Lower Upper

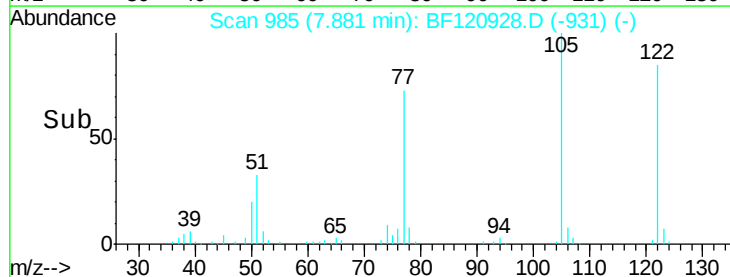
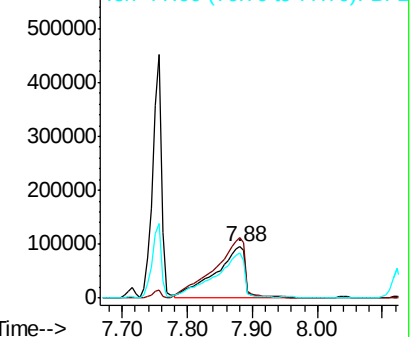
122 100

105 118.3 101.3 141.3

77 87.3 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

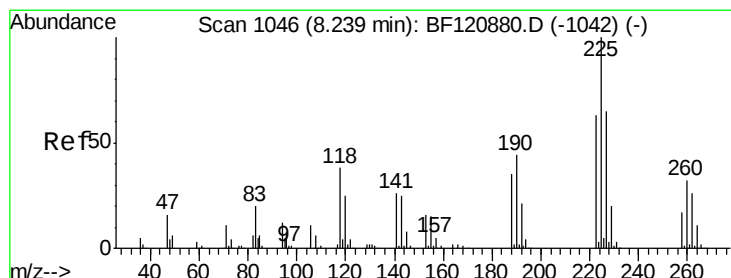
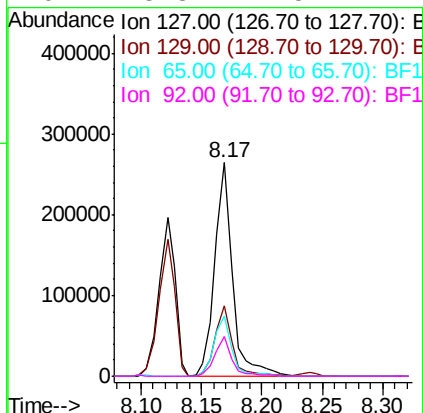
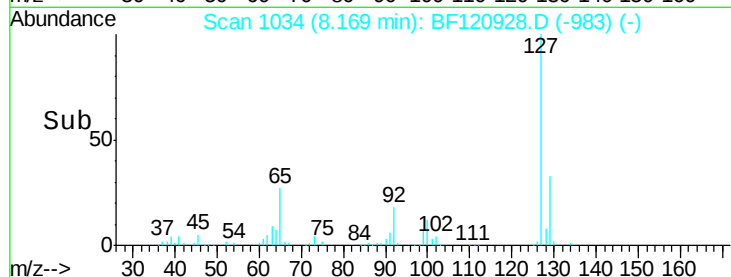
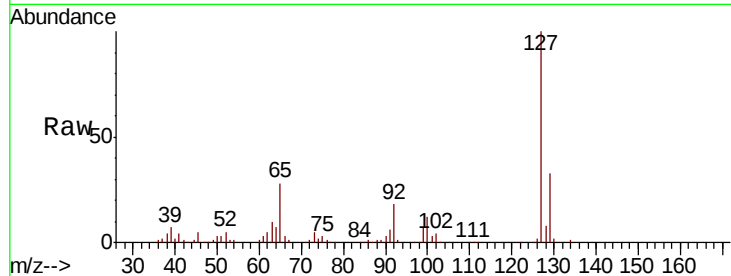




#33
4-Chloroaniline
Concen: 15.846 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

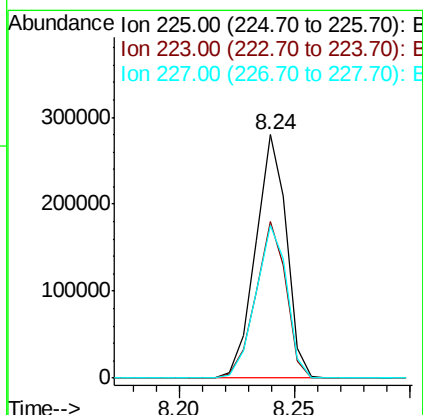
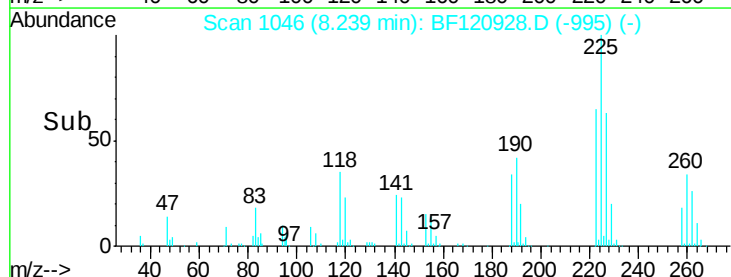
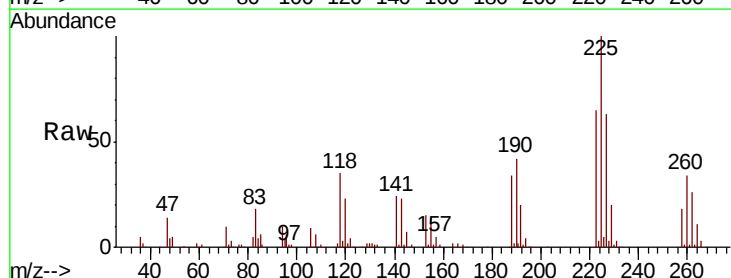
Instrument :
BNA_F
ClientSampleId :
PB130275BS

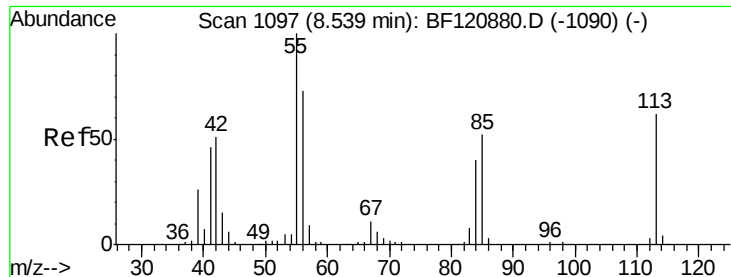
Tot Ion:	127	Resp:	266832
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	28.3	23.0	34.4
92	18.3	14.5	21.7



#34
Hexachlorobutadiene
Concen: 37.012 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

Tgt Ion:	225	Resp:	261460
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	76.0
227	62.6	52.2	78.2

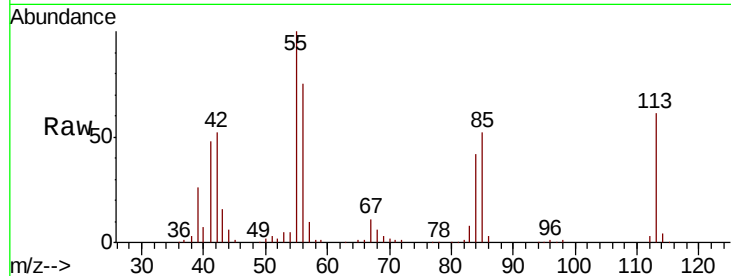




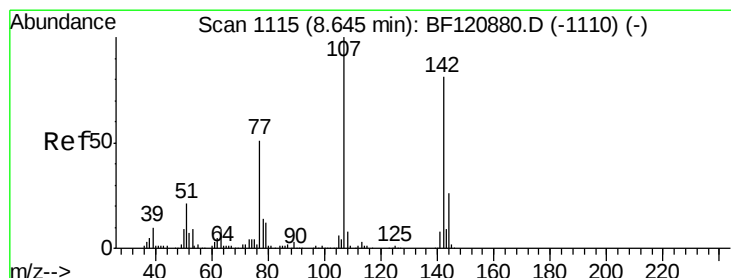
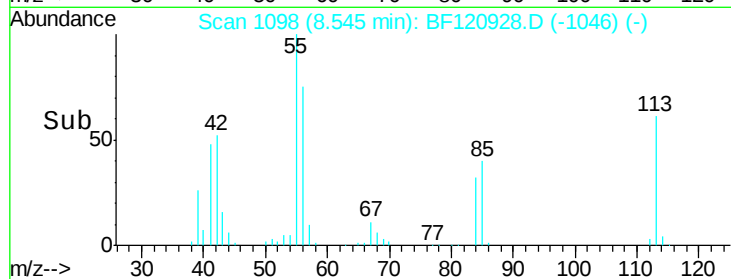
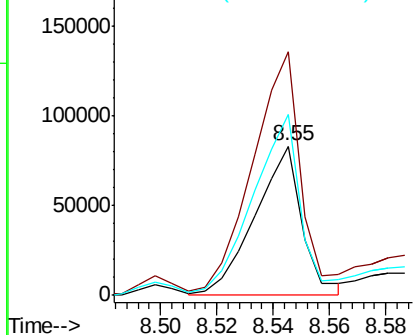
#35
 Caprolactam
 Concen: 27.816 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB130275BS

Tot Ion:113 Resp: 96347
 Ion Ratio Lower Upper
 113 100
 55 163.3 143.3 183.3
 56 121.7 99.4 139.4

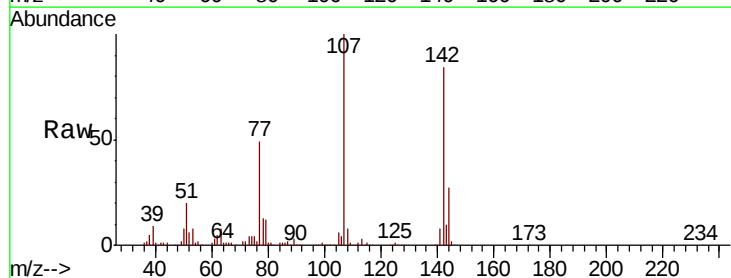


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

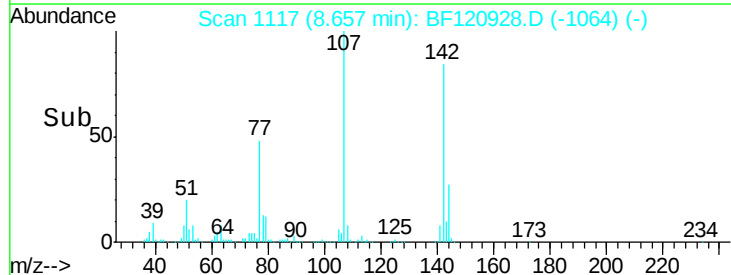
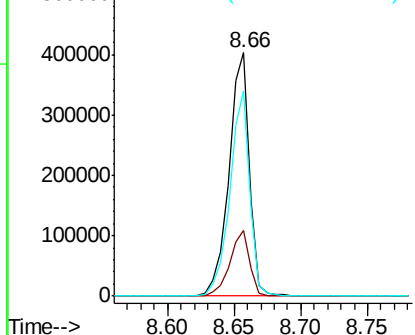


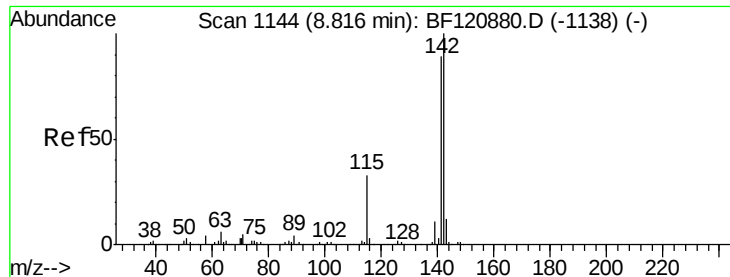
#36
 4-Chloro-3-methylphenol
 Concen: 39.229 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Tgt Ion:107 Resp: 434555
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.0 31.6
 142 84.1 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

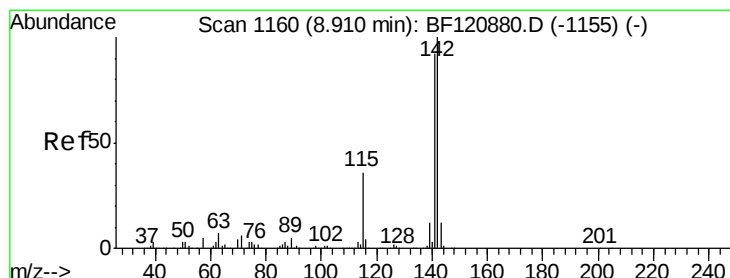
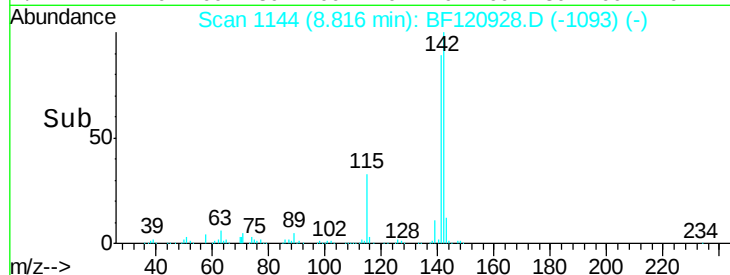
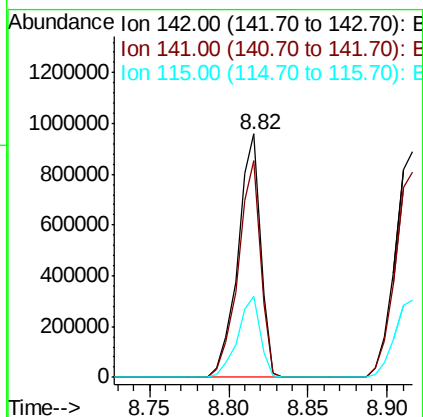
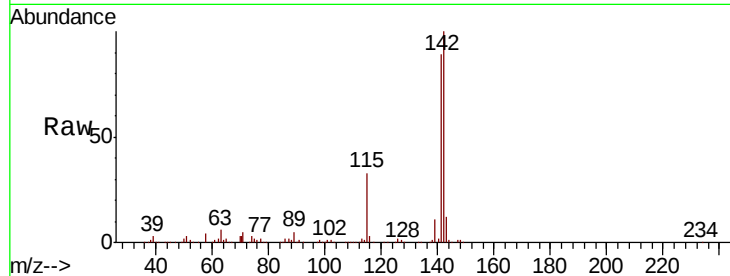




#37
2-Methylnaphthalene
Concen: 38.674 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

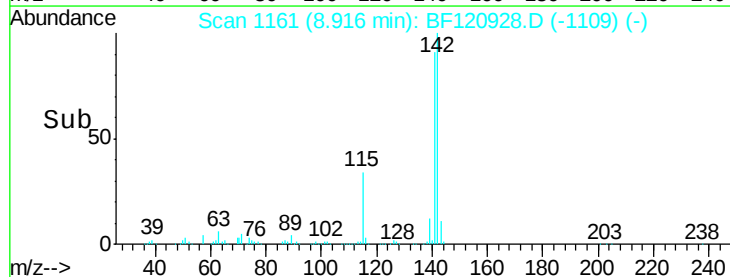
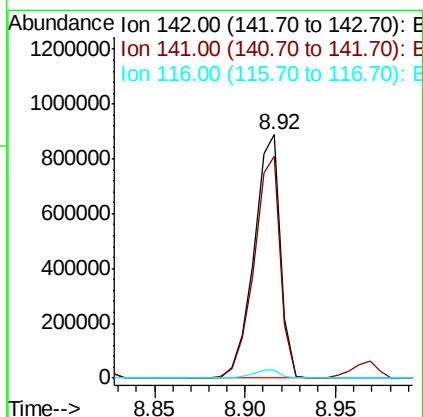
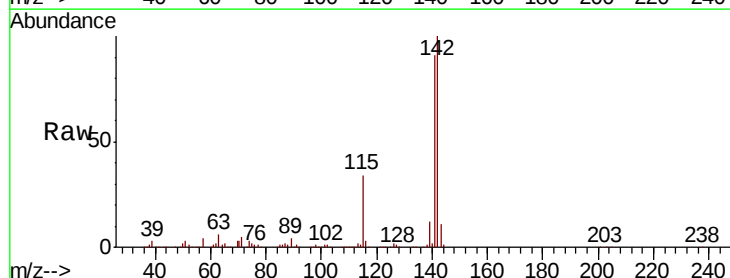
Instrument :
BNA_F
ClientSampleId :
PB130275BS

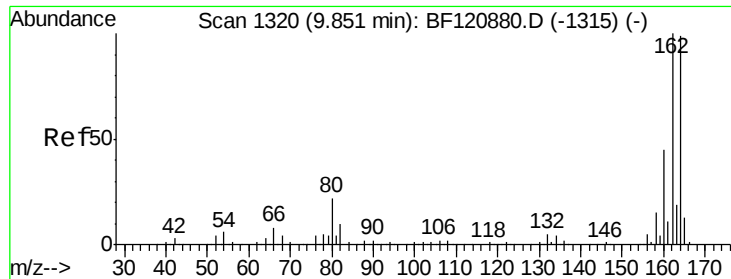
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.4
115	33.2	26.0	39.0



#38
1-Methylnaphthalene
Concen: 38.606 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.7	110.5
116	3.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

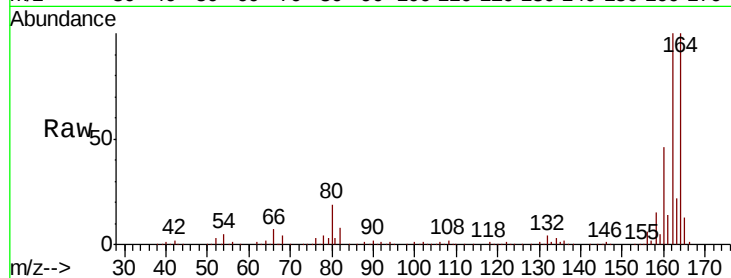
Tot Ion:164 Resp: 377051

Ion Ratio Lower Upper

164 100

162 100.5 81.2 121.8

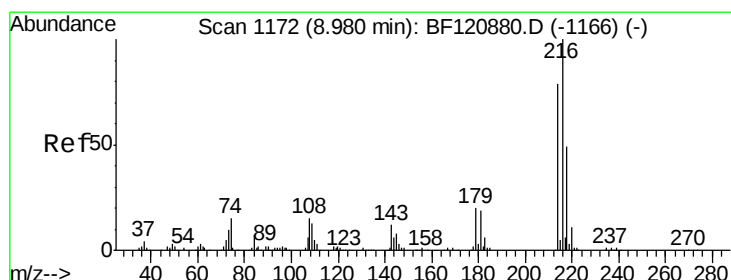
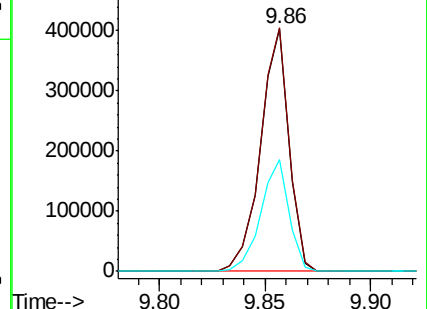
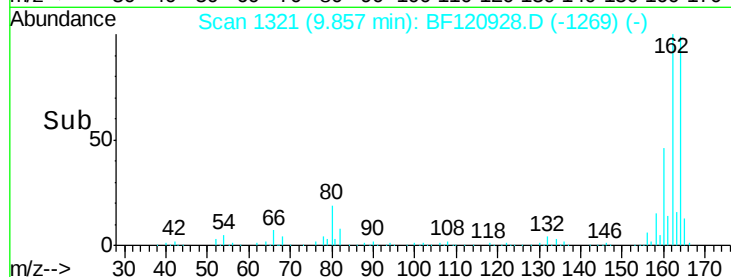
160 46.0 36.9 55.3



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: 37.301 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Tgt Ion:216 Resp: 409777

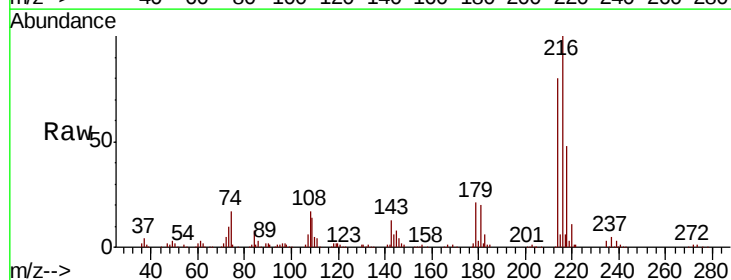
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 20.5 16.6 24.8

108 20.6 15.4 23.0

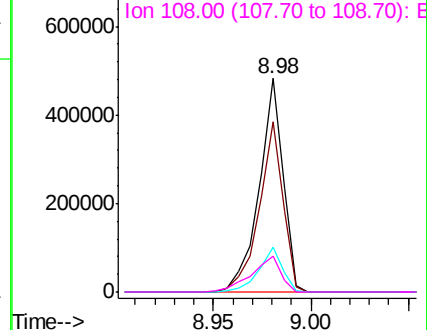
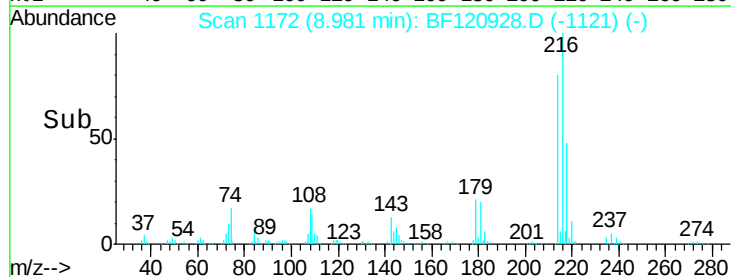


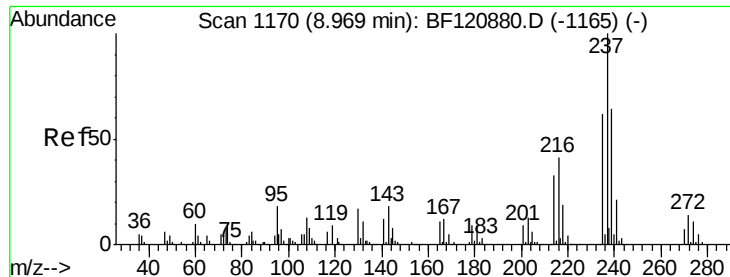
Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.579 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

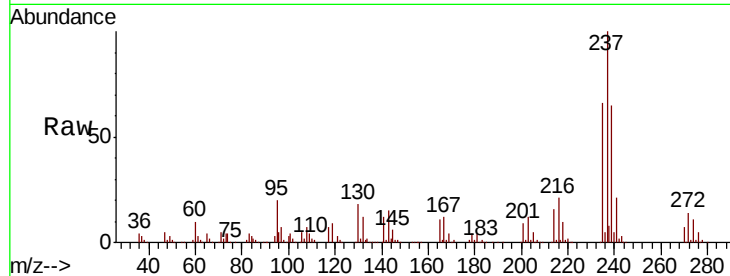
Tot Ion:237 Resp: 489240

Ion Ratio Lower Upper

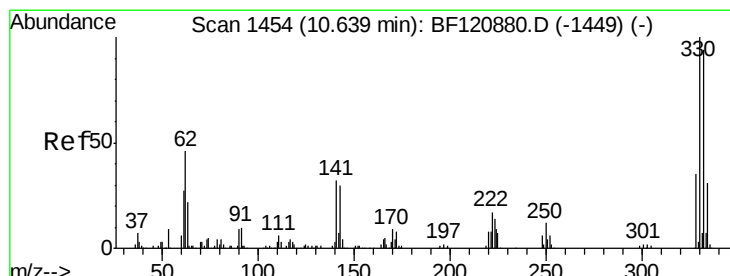
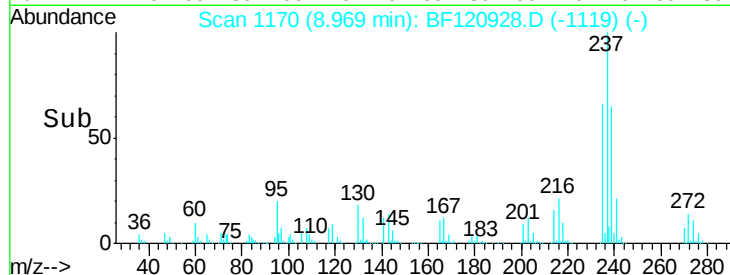
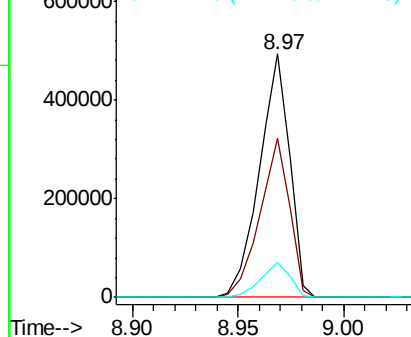
237 100

235 65.5 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: 96.473 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

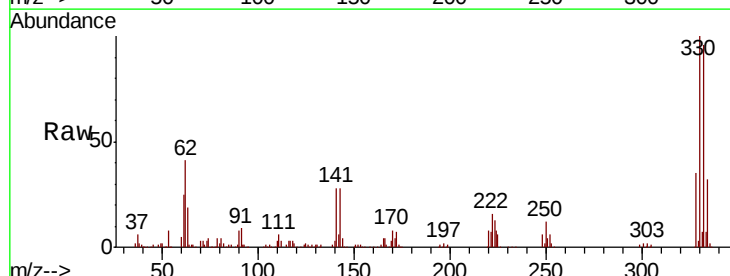
Tgt Ion:330 Resp: 398164

Ion Ratio Lower Upper

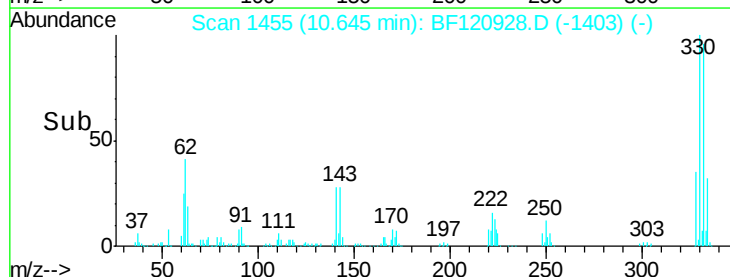
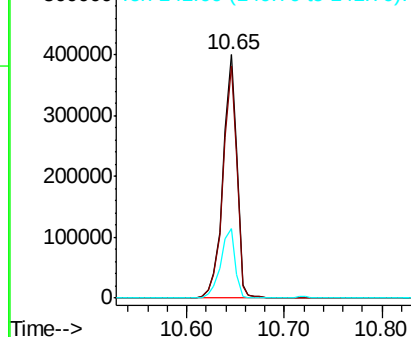
330 100

332 95.4 75.5 113.3

141 29.6 25.7 38.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

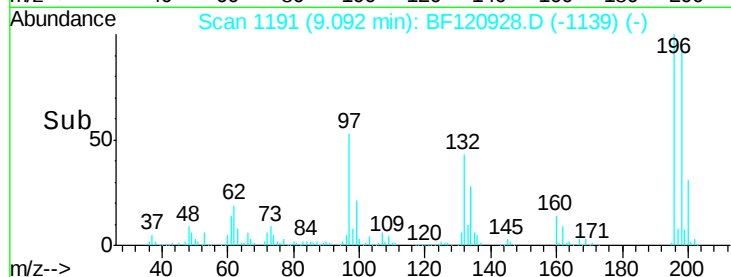
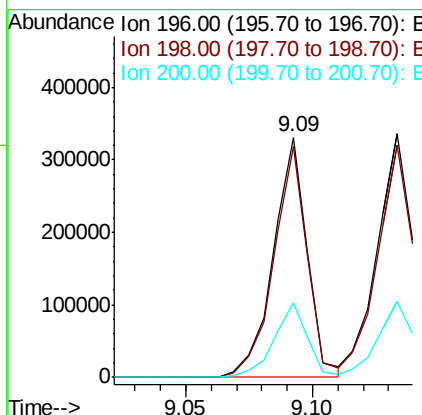
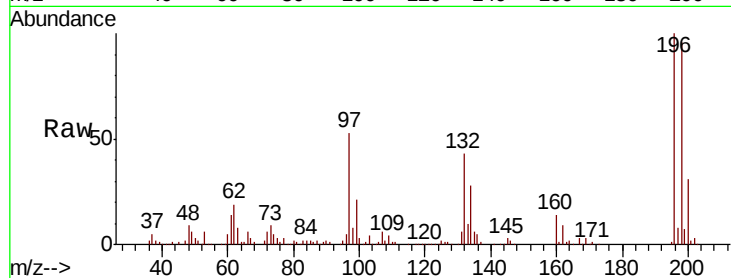




#43
 2,4,6-Trichlorophenol
 Concen: 40.016 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

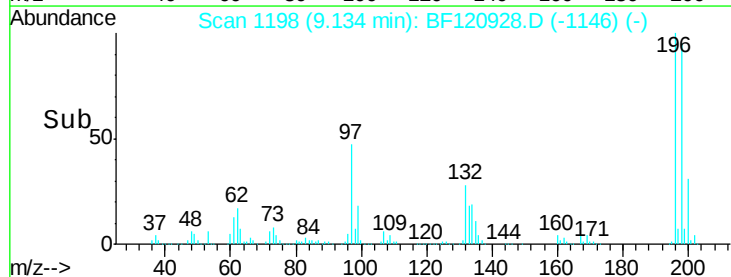
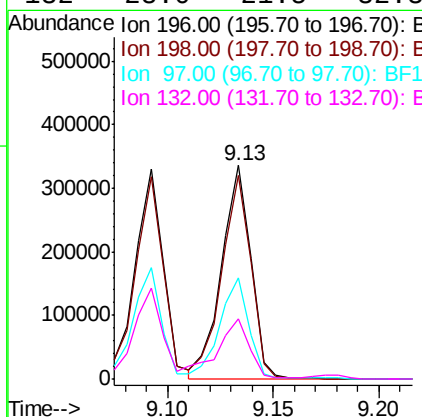
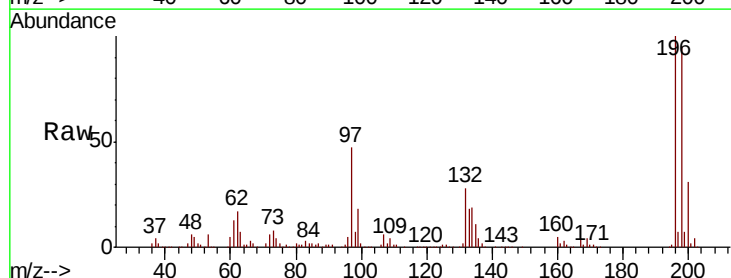
Instrument :
 BNA_F
 ClientSampleId :
 PB130275BS

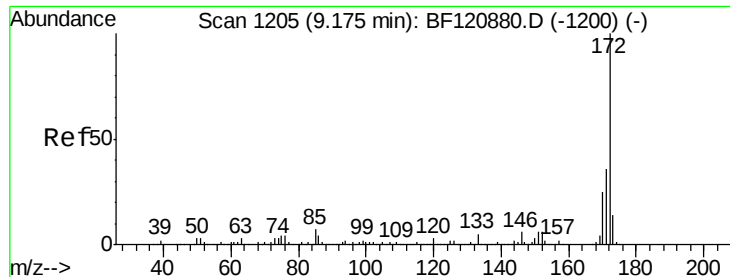
Tot Ion:196 Resp: 309517
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 31.1 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 36.851 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Tgt Ion:196 Resp: 323324
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.6 116.4
 97 47.1 35.6 53.4
 132 28.0 21.5 32.3

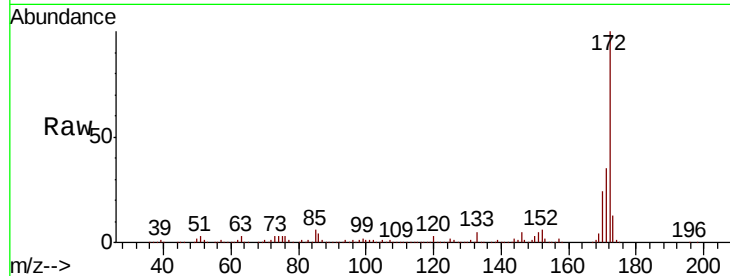




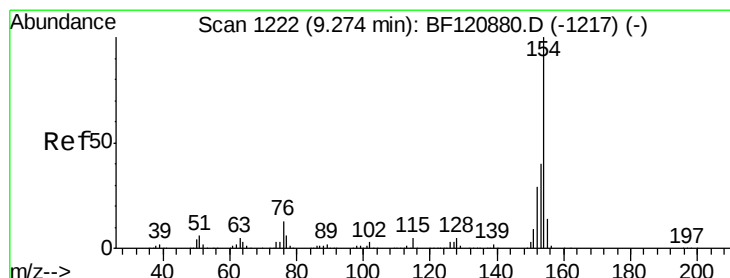
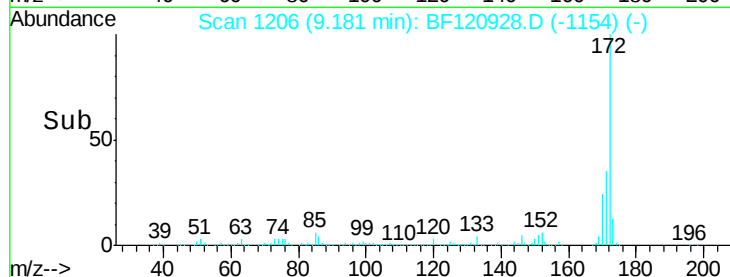
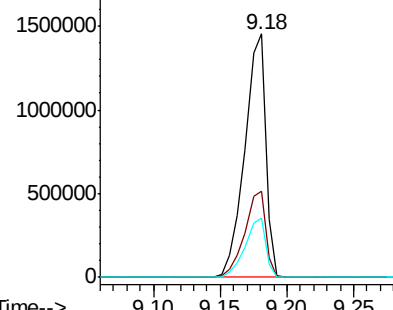
#45
2-Fluorobiphenyl
Concen: 61.947 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

Instrument :
BNA_F
ClientSampleId :
PB130275BS

Tot Ion:172 Resp: 1564402
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 24.3 19.6 29.4

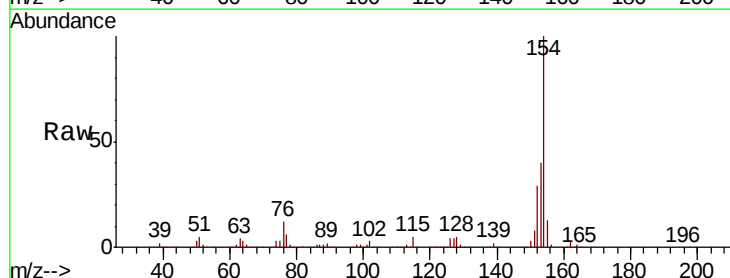


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

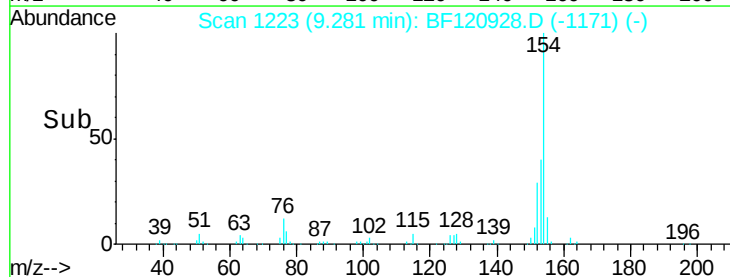
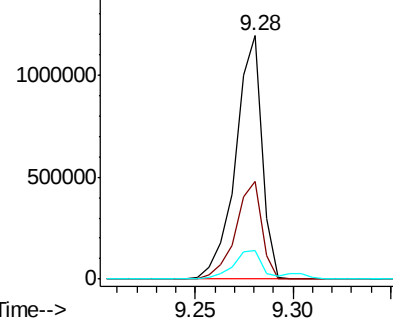


#46
1,1'-Biphenyl
Concen: 38.785 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

Tgt Ion:154 Resp: 1115502
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.7 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

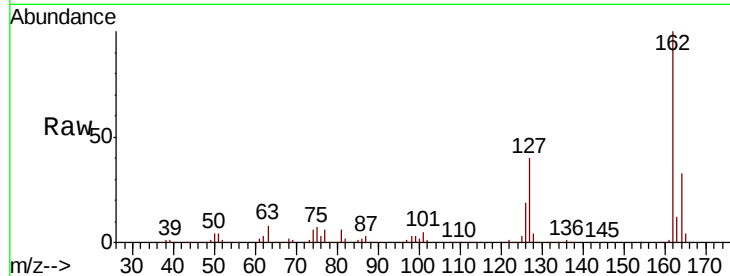




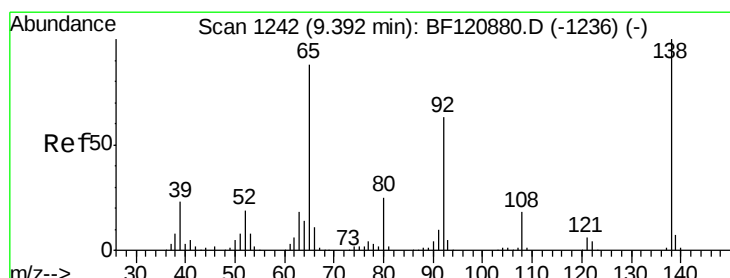
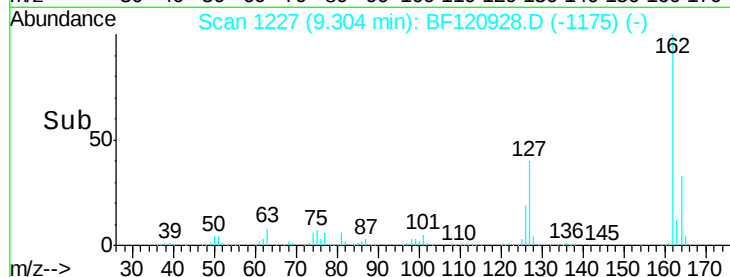
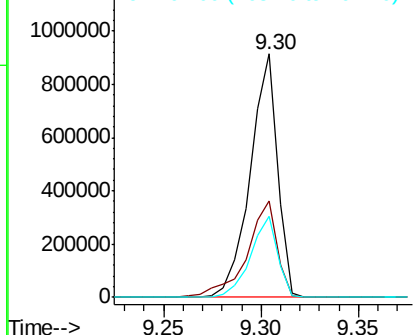
#47
 2-Chloronaphthalene
 Concen: 37.669 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB130275BS

Tot Ion:162 Resp: 883323
 Ion Ratio Lower Upper
 162 100
 127 39.5 33.3 49.9
 164 33.2 26.6 39.8

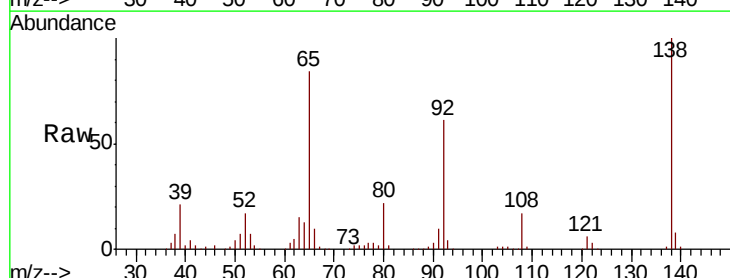


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

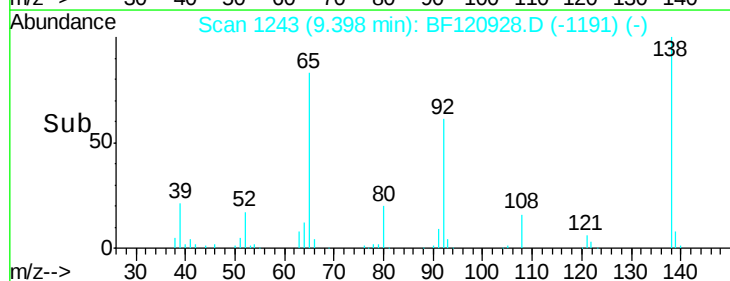
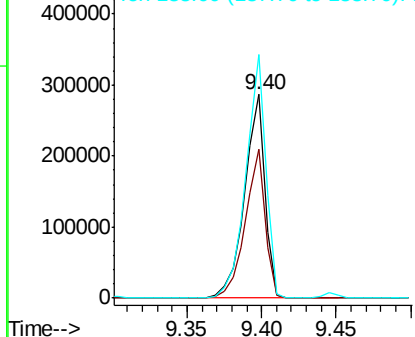


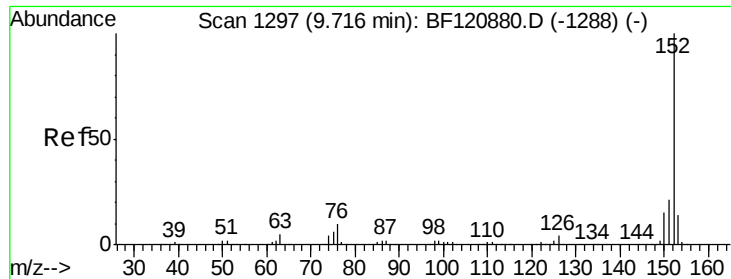
#48
 2-Nitroaniline
 Concen: 38.050 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Tgt Ion: 65 Resp: 269639
 Ion Ratio Lower Upper
 65 100
 92 73.2 57.0 85.4
 138 119.6 90.4 135.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.837 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

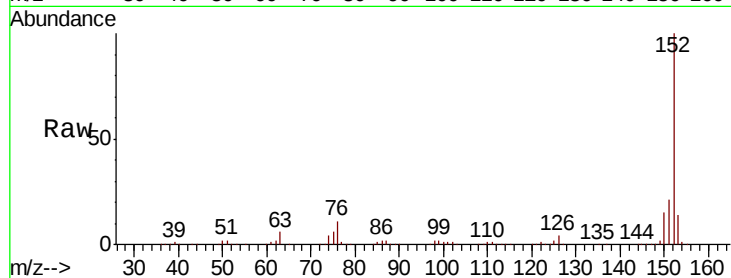
Tot Ion:152 Resp: 1378368

Ion Ratio Lower Upper

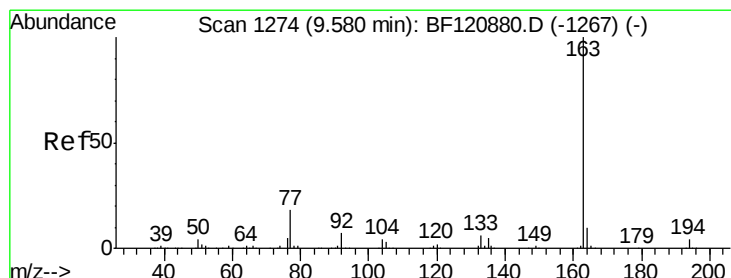
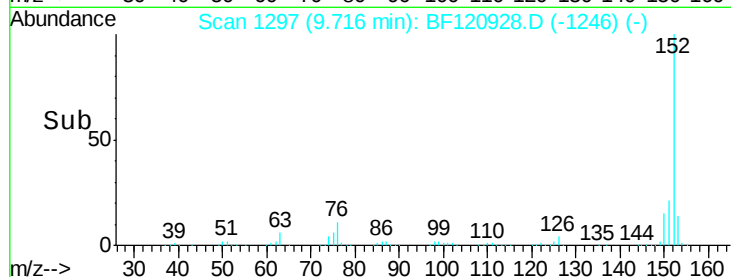
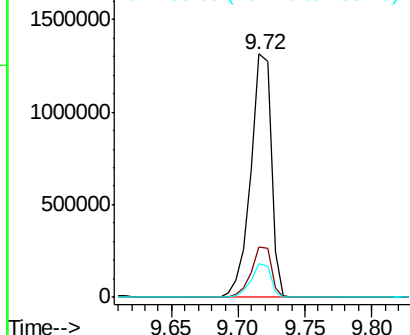
152 100

151 20.8 16.6 25.0

153 14.0 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: 37.769 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

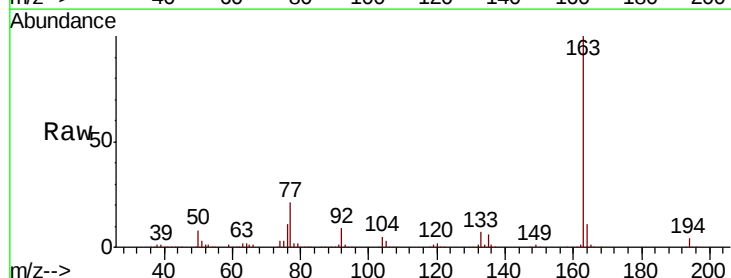
Tgt Ion:163 Resp: 1027394

Ion Ratio Lower Upper

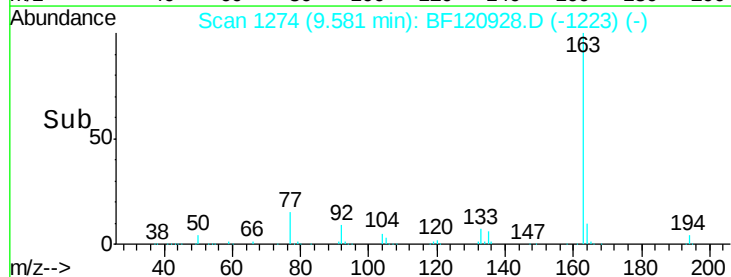
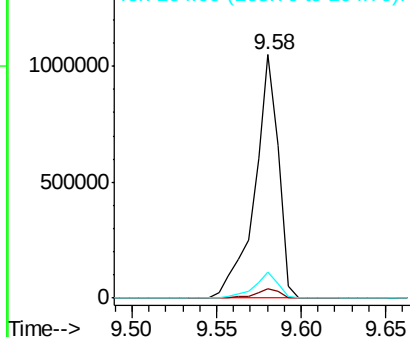
163 100

194 3.9 3.2 4.8

164 10.6 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

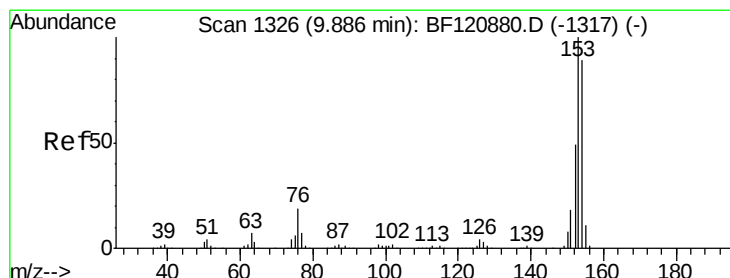
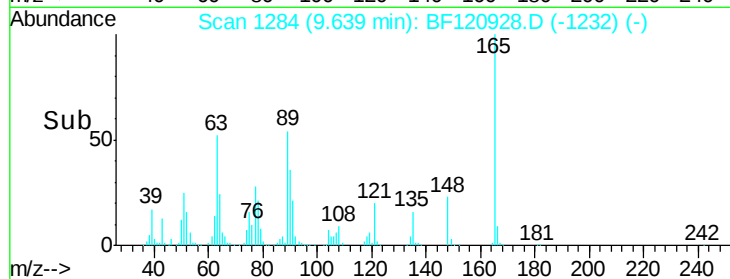
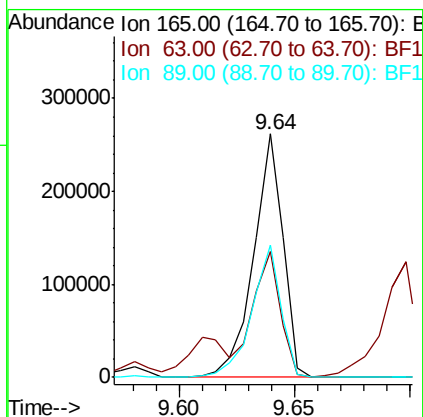
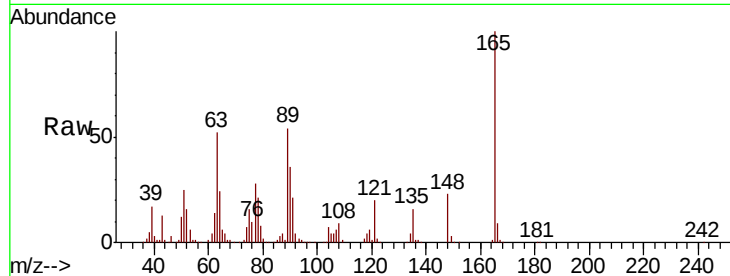




#51
2,6-Dinitrotoluene
Concen: 39.882 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

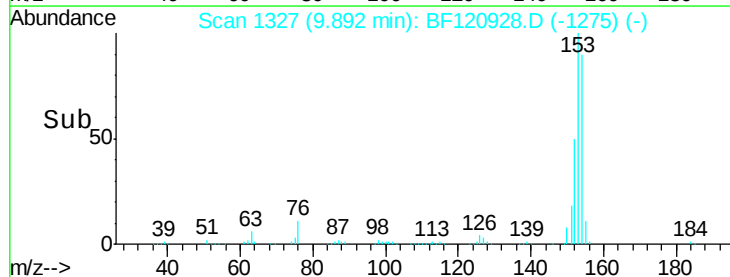
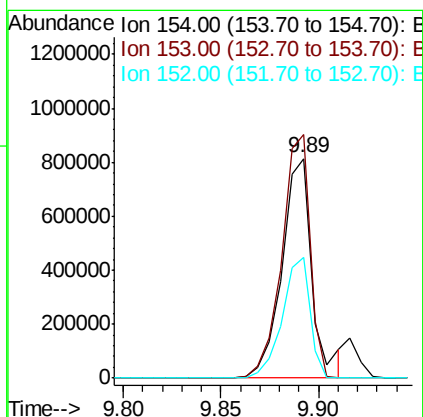
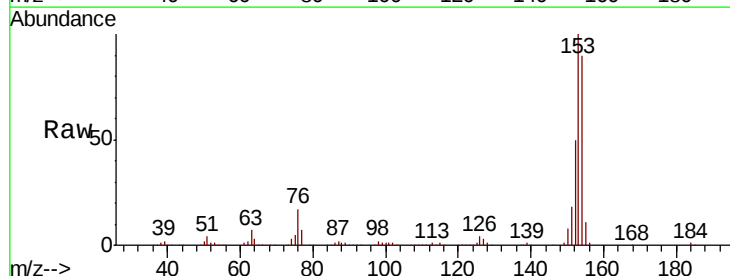
Instrument :
BNA_F
ClientSampleId :
PB130275BS

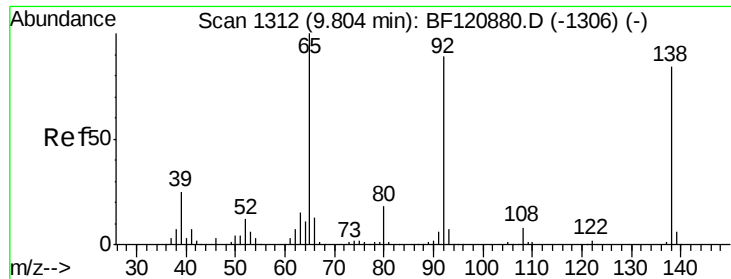
Tot Ion:165 Resp: 233071
Ion Ratio Lower Upper
165 100
63 51.6 45.4 68.2
89 54.3 47.0 70.4



#52
Acenaphthene
Concen: 37.490 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

Tgt Ion:154 Resp: 868281
Ion Ratio Lower Upper
154 100
153 110.8 89.5 134.3
152 55.0 44.2 66.2

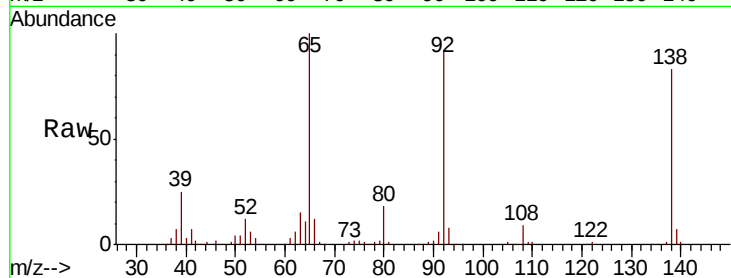




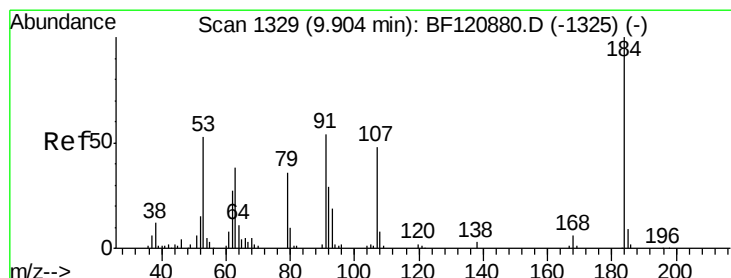
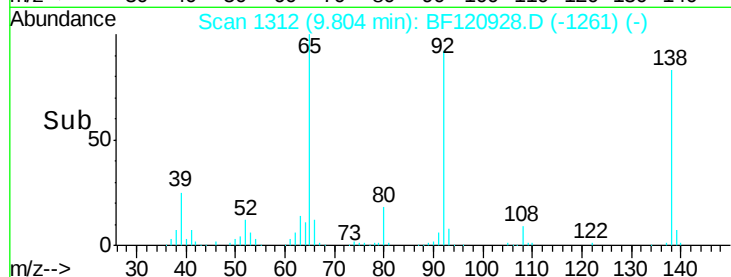
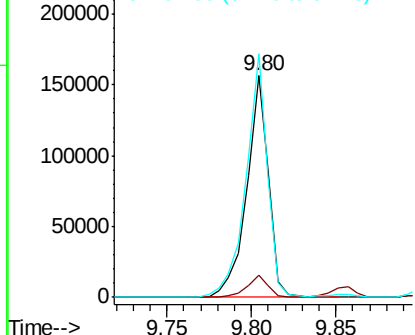
#53
 3-Nitroaniline
 Concen: 19.207 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB130275BS

Tot Ion:138 Resp: 140776
 Ion Ratio Lower Upper
 138 100
 108 10.3 7.9 11.9
 92 110.0 85.3 127.9

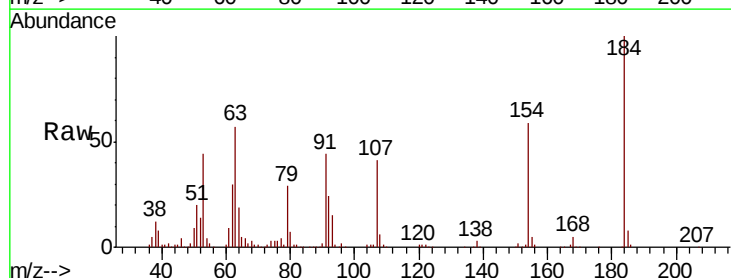


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

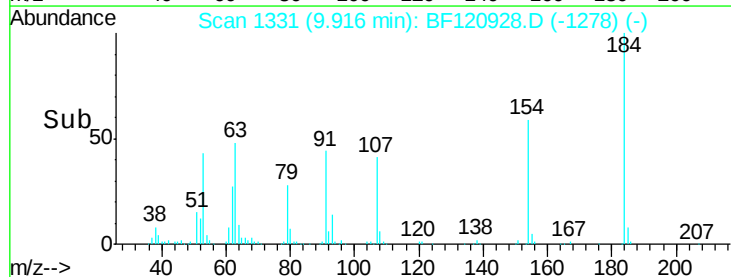
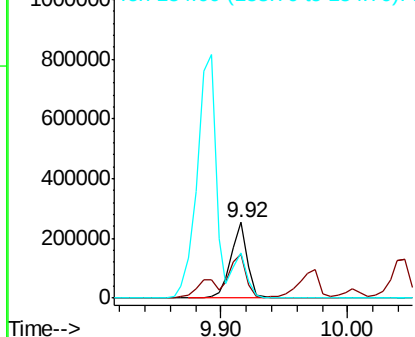


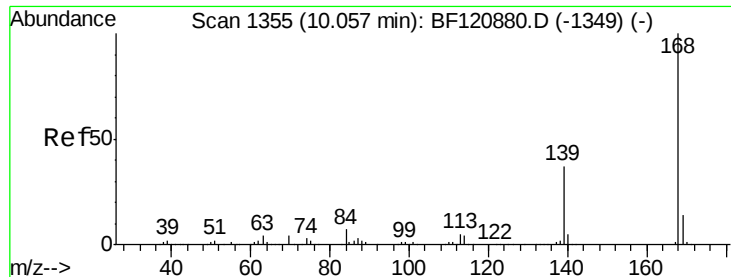
#54
 2,4-Dinitrophenol
 Concen: 69.602 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Tgt Ion:184 Resp: 230865
 Ion Ratio Lower Upper
 184 100
 63 57.4 57.9 86.9#
 154 59.4 52.6 78.8



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





#55

Dibenzenofuran

Concen: 36.965 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

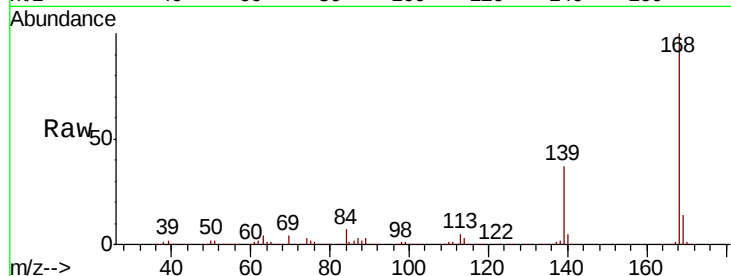
Tot Ion:168 Resp: 1238038

Ion Ratio Lower Upper

168 100

139 36.6 29.7 44.5

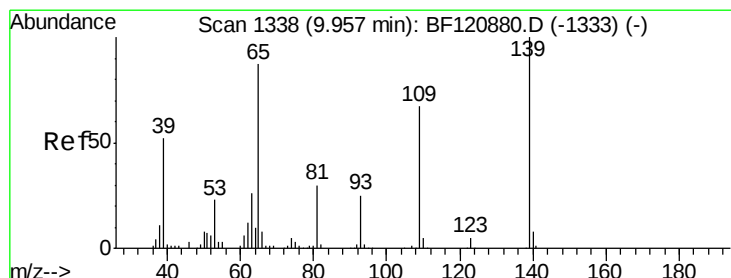
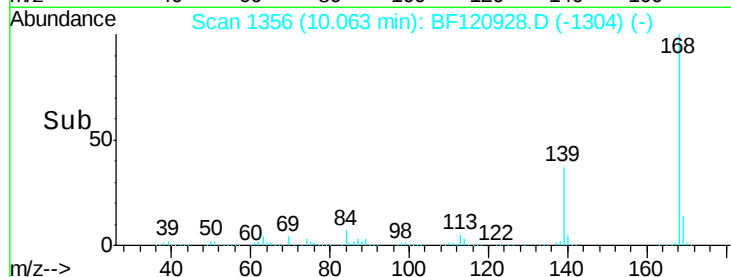
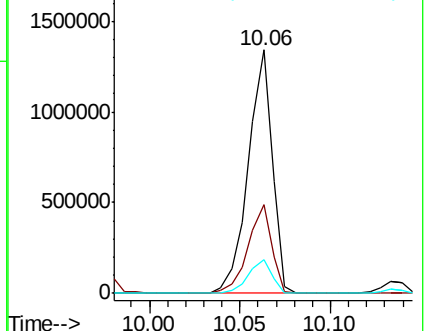
169 14.0 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 73.486 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.02 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

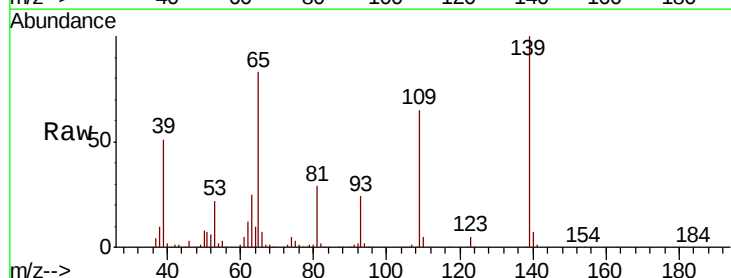
Tgt Ion:139 Resp: 409147

Ion Ratio Lower Upper

139 100

109 65.0 47.3 87.3

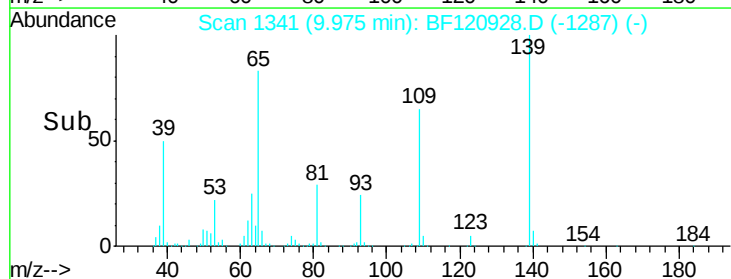
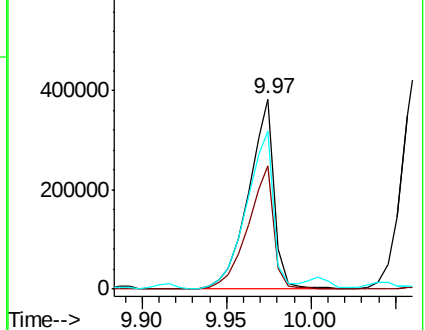
65 83.2 67.2 107.2

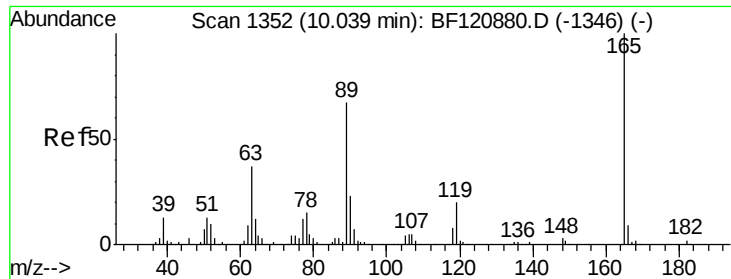


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

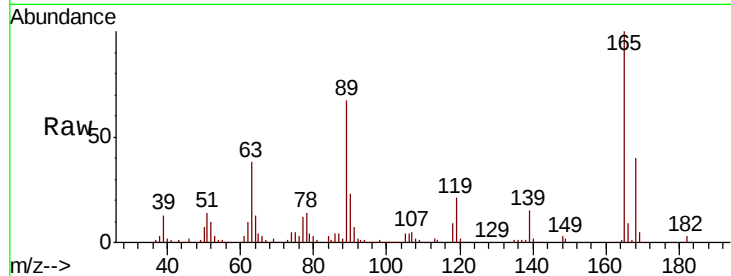




#57
2,4-Dinitrotoluene
Concen: 40.564 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

Instrument :
BNA_F
ClientSampleId :
PB130275BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.3	29.4	44.2
89	66.6	53.4	80.0
182	2.6	1.8	2.6



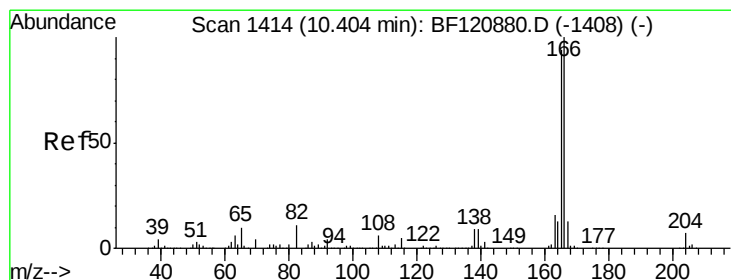
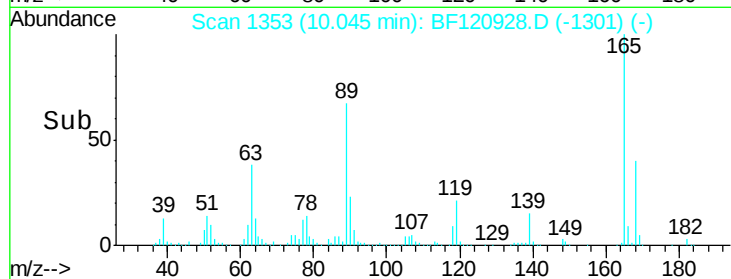
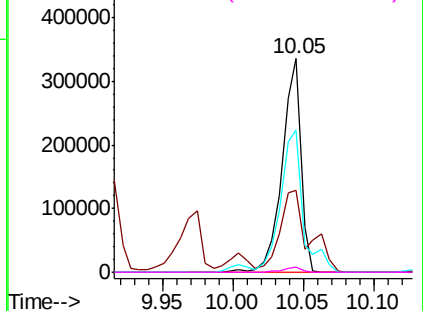
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

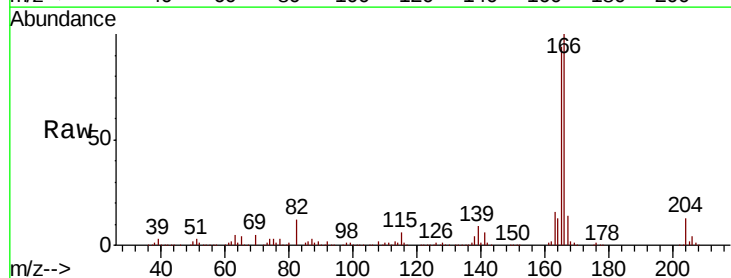
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.135 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.1	75.4	113.0
167	14.0	10.6	15.8

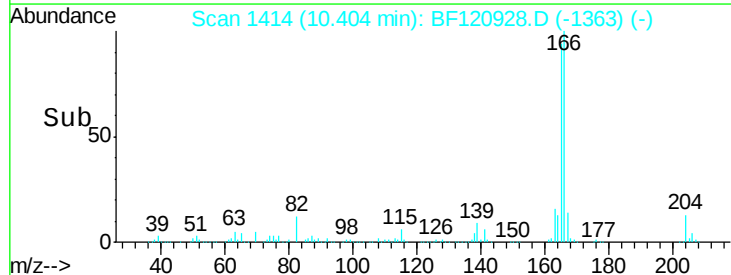
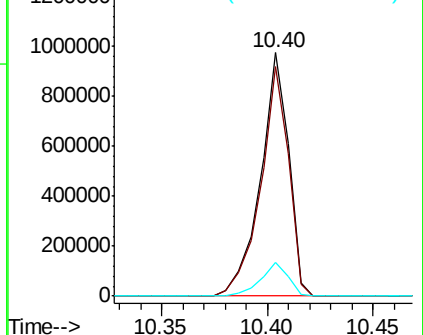


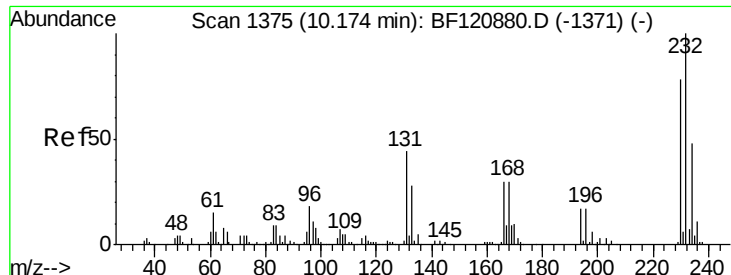
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

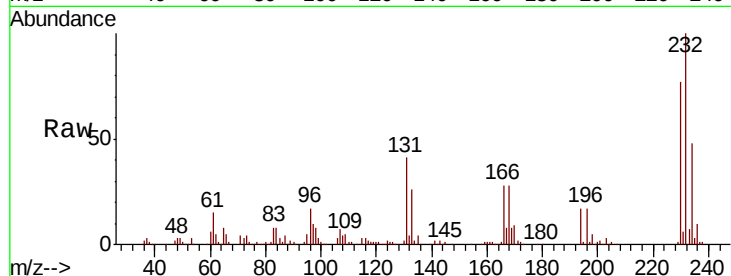




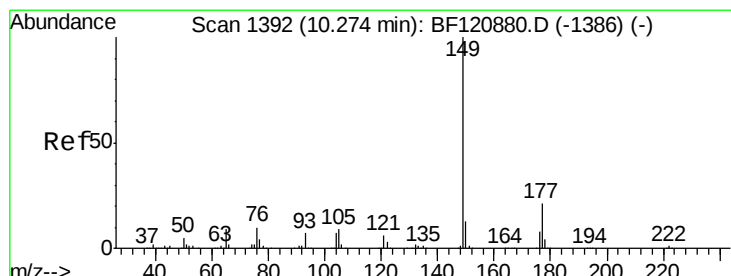
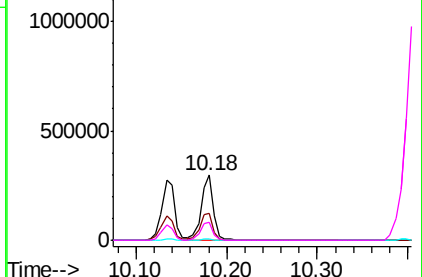
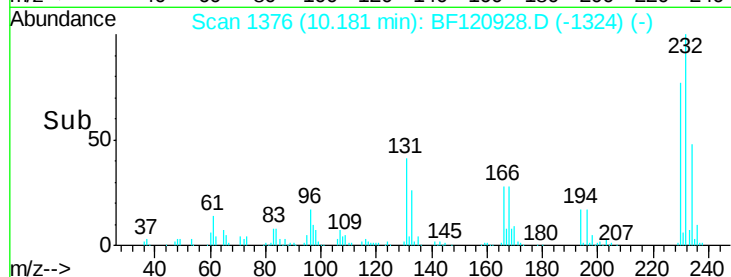
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.596 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB130275BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	37.1	55.7
130	2.3	1.7	2.5
166	29.7	24.2	36.4

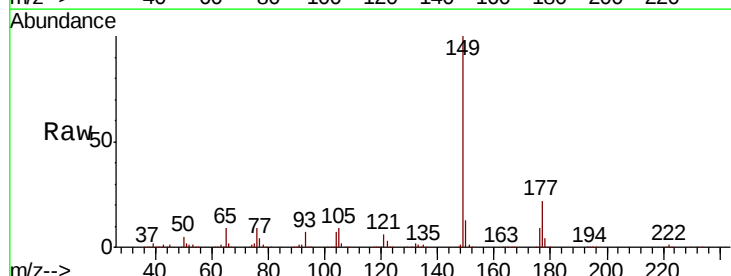


Abundance Ion 232.00 (231.70 to 232.70): E
 1500000 Ion 131.00 (130.70 to 131.70): E
 1000000 Ion 130.00 (129.70 to 130.70): E
 500000 Ion 166.00 (165.70 to 166.70): E

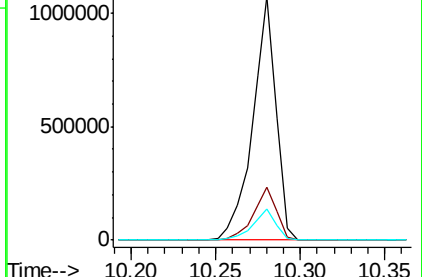
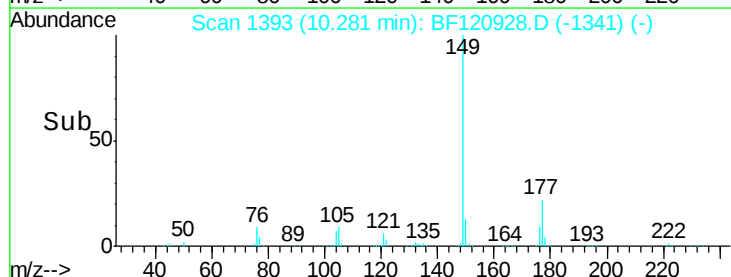


#60
 Diethylphthalate
 Concen: 37.441 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.1	25.7
150	12.6	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 177.00 (176.70 to 177.70): E
 1000000 Ion 150.00 (149.70 to 150.70): E

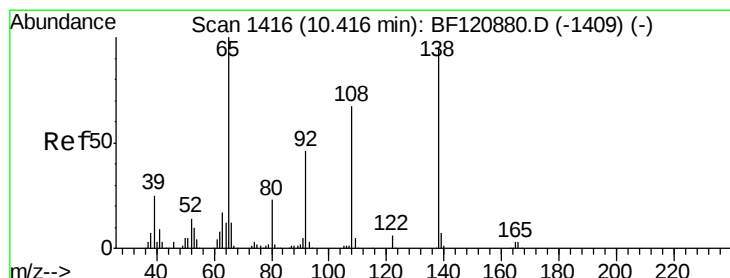
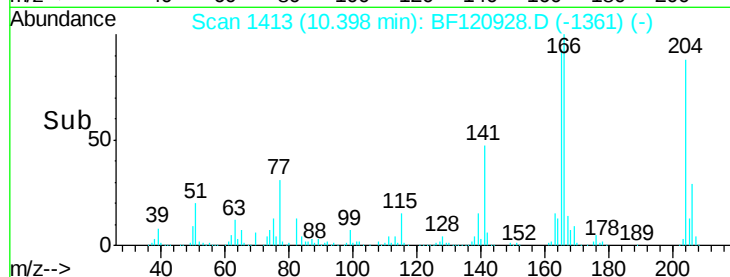
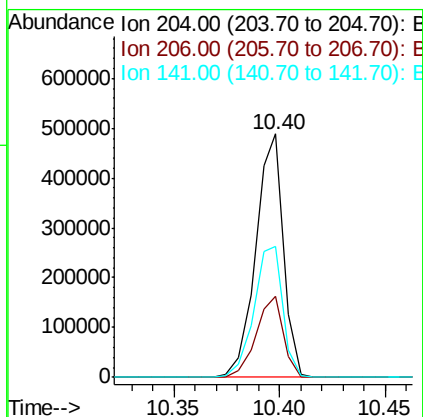
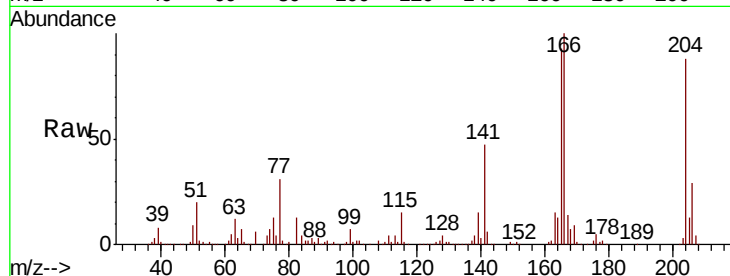




#61
4-Chlorophenyl-phenylether
Concen: 33.256 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

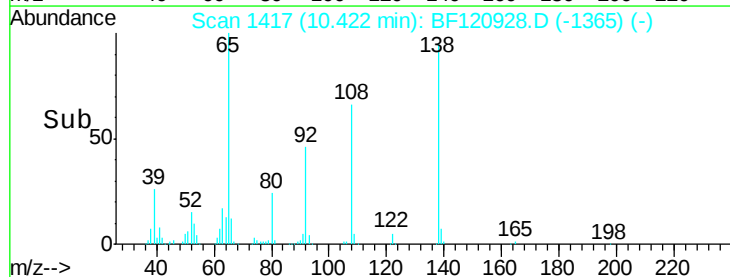
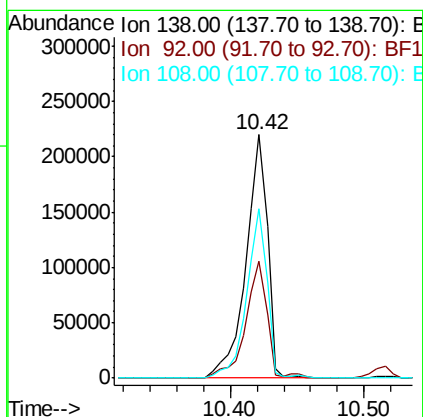
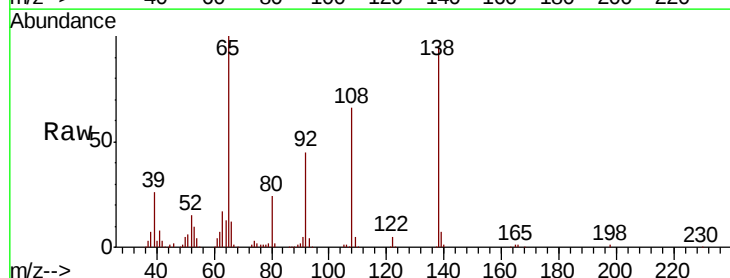
Instrument :
BNA_F
ClientSampled :
PB130275BS

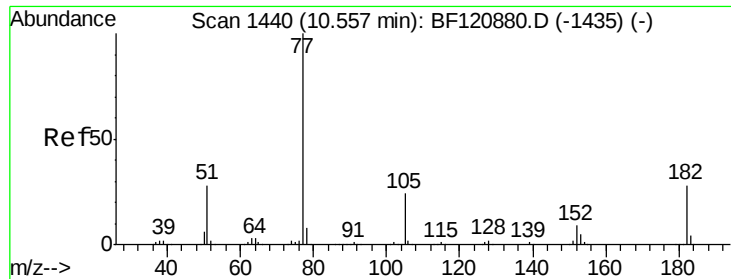
Tot Ion:204 Resp: 443077
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 53.6 47.2 70.8



#62
4-Nitroaniline
Concen: 33.985 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

Tgt Ion:138 Resp: 242640
Ion Ratio Lower Upper
138 100
92 47.9 28.6 68.6
108 69.8 51.1 91.1





#63

Azobenzene

Concen: 37.561 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

Tot Ion: 77 Resp: 983860

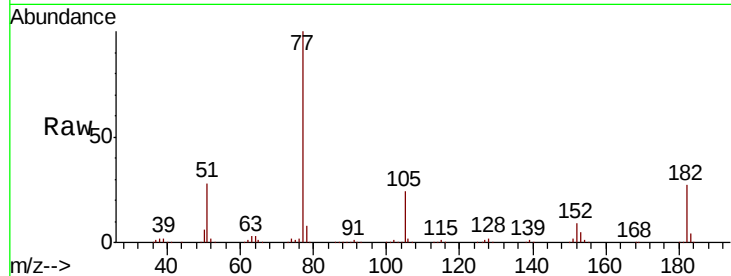
Ion Ratio Lower Upper

77 100

182 26.6 7.8 47.8

105 24.2 4.4 44.4

51 28.0 8.0 48.0

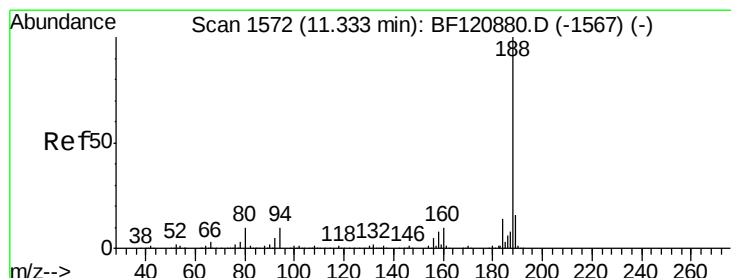
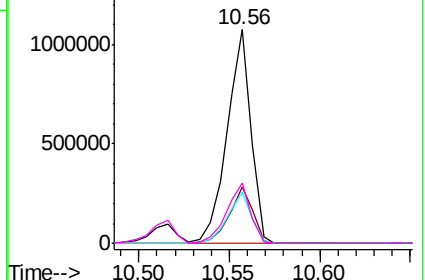
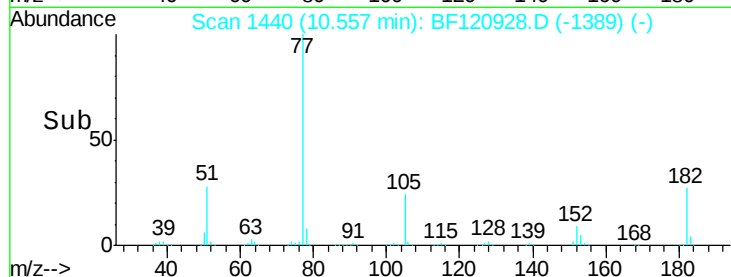


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF120928.D

Acq: 20 Jul 2020 10:27

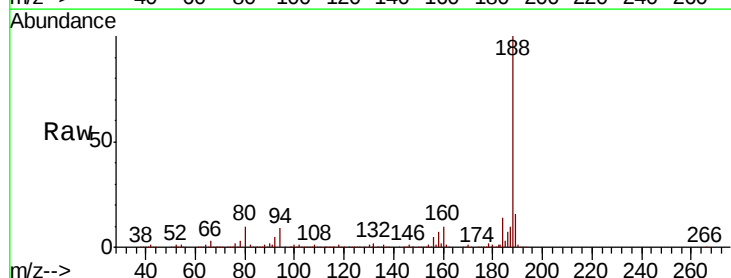
Tgt Ion: 188 Resp: 709695

Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

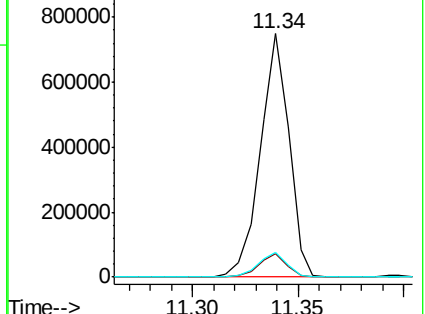
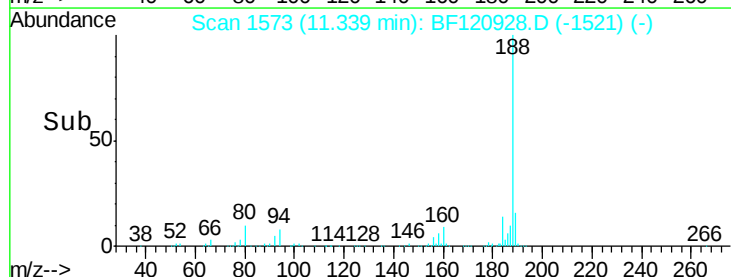
80 10.1 8.3 12.5



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: 39.675 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

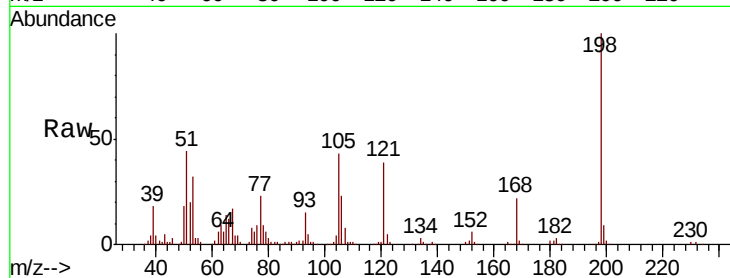
BNA_F

ClientSampleId :

PB130275BS

Tot Ion:198 Resp: 159988

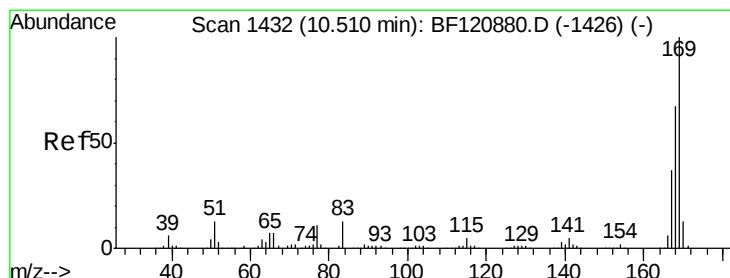
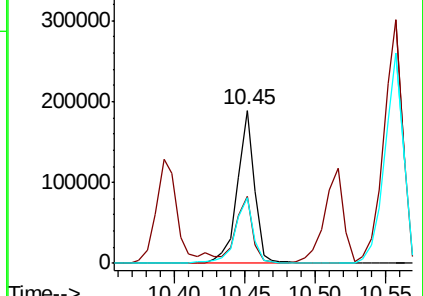
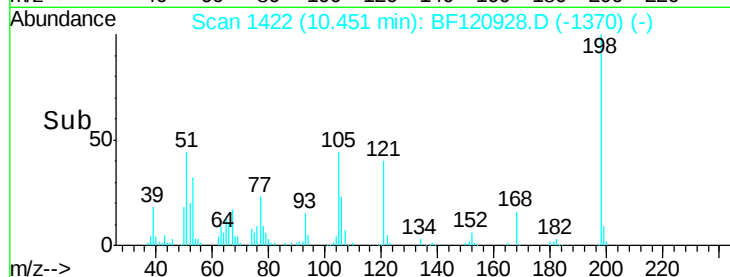
Ion	Ratio	Lower	Upper
198	100		
51	43.5	19.5	59.5
105	43.3	24.4	64.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.042 ng

RT: 10.52 min Scan# 1433

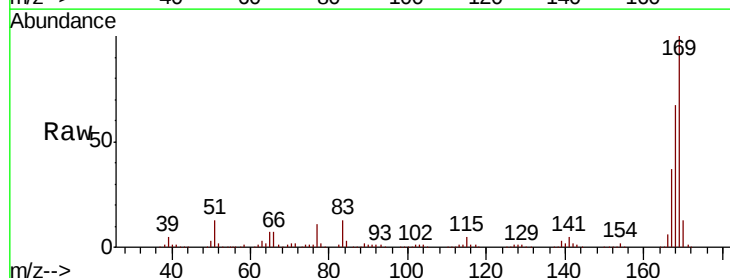
Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Tgt Ion:169 Resp: 871644

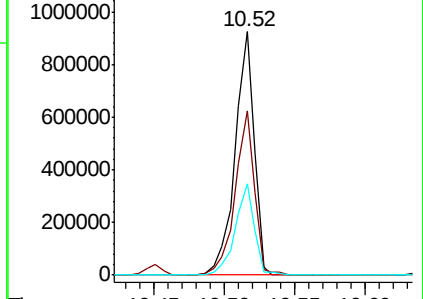
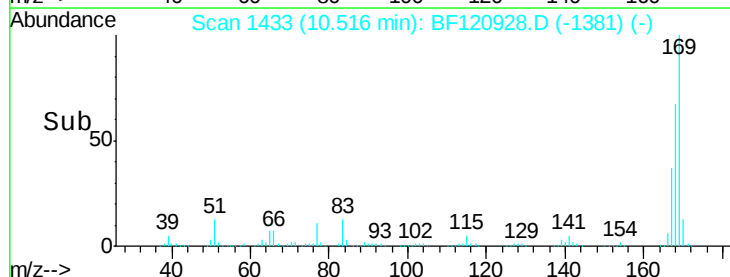
Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.4	80.0
167	37.3	29.4	44.0

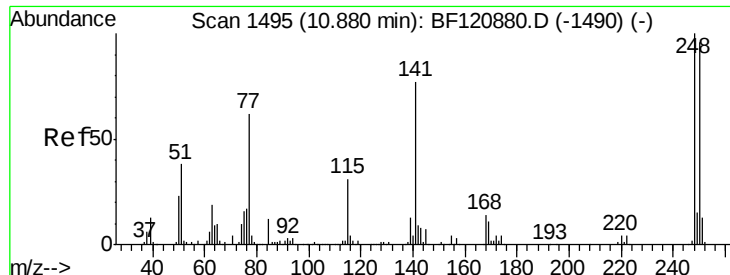


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

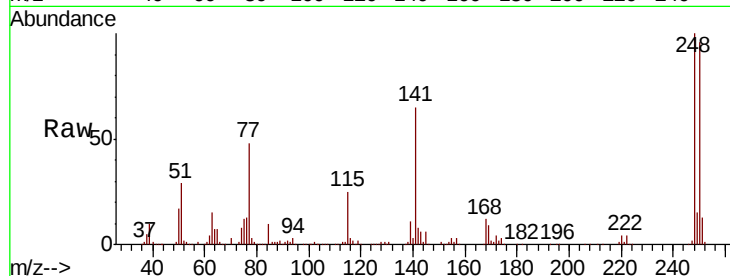




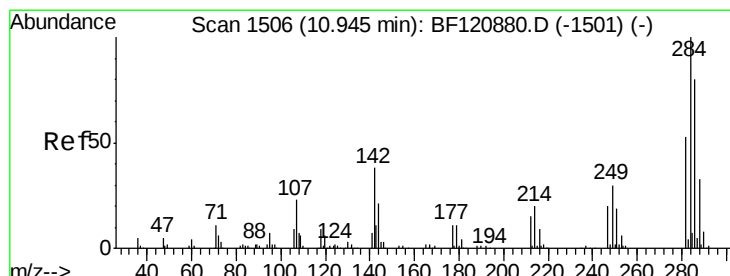
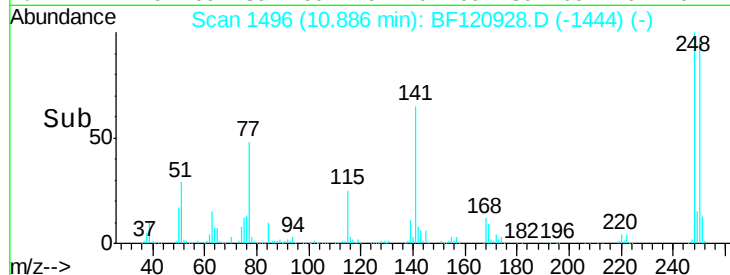
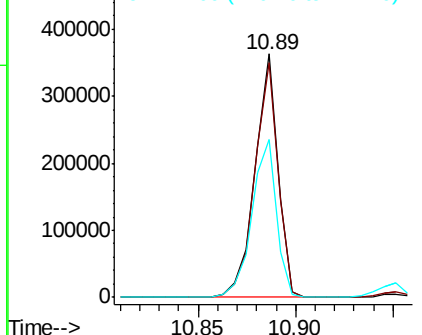
#67
 4-Bromophenyl-phenylether
 Concen: 37.625 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB130275BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.1	115.7
141	64.9	61.2	91.8

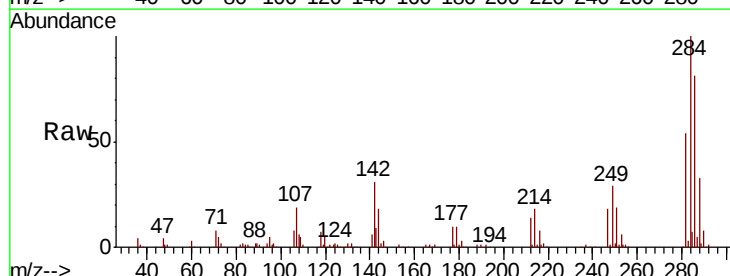


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

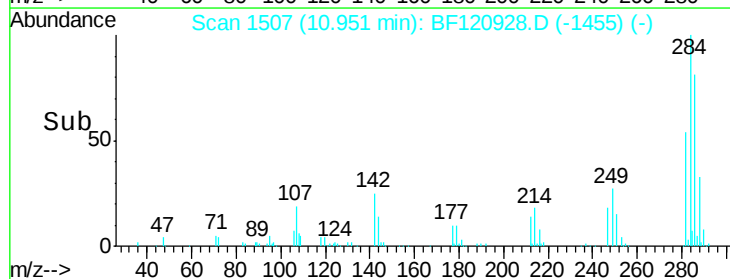
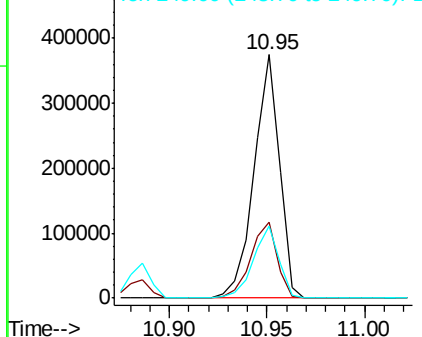


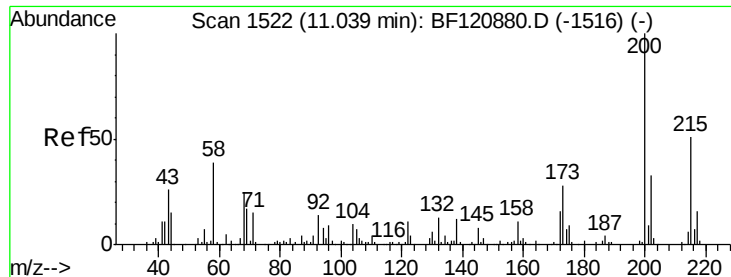
#68
 Hexachlorobenzene
 Concen: 39.442 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	30.2	45.2
249	29.4	24.2	36.2



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





#69

Atrazine

Concen: 46.050 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

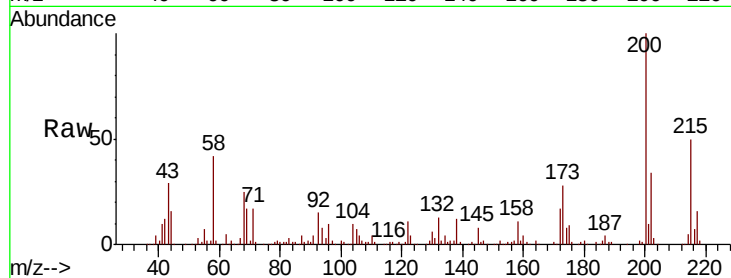
Tot Ion:200 Resp: 254613

Ion Ratio Lower Upper

200 100

173 28.4 8.0 48.0

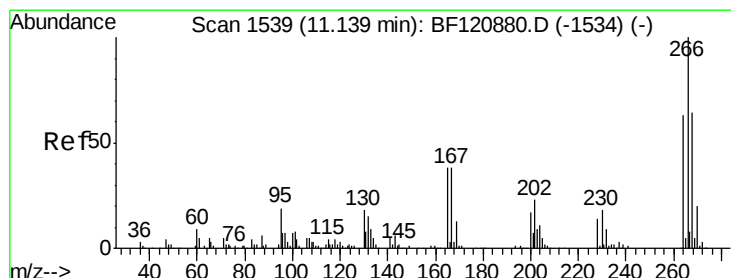
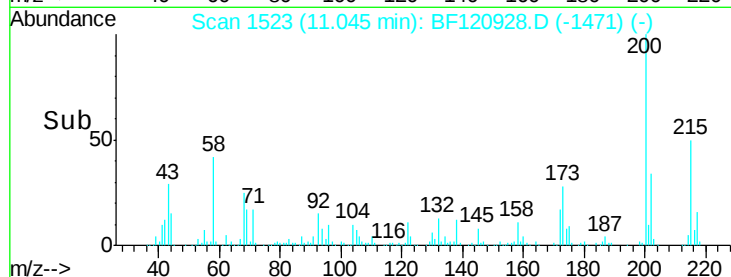
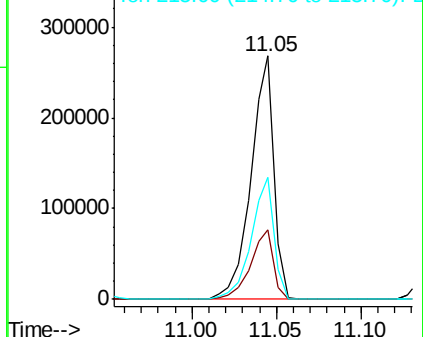
215 50.3 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 78.338 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

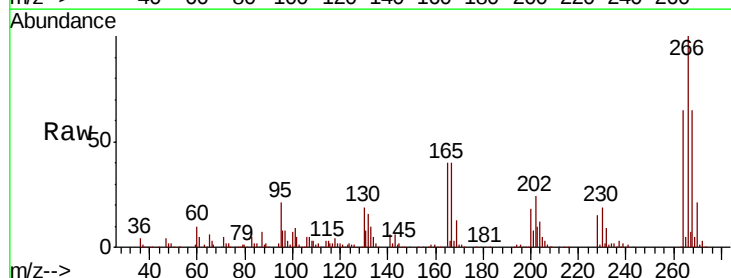
Tgt Ion:266 Resp: 384129

Ion Ratio Lower Upper

266 100

268 64.9 51.1 76.7

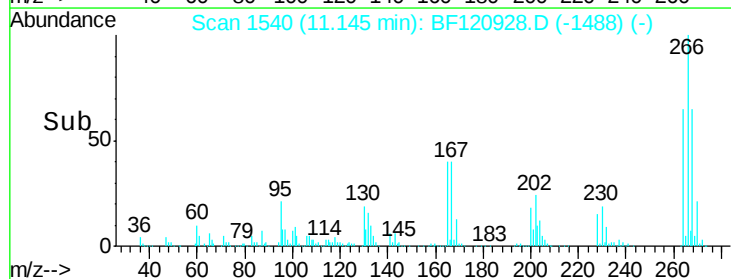
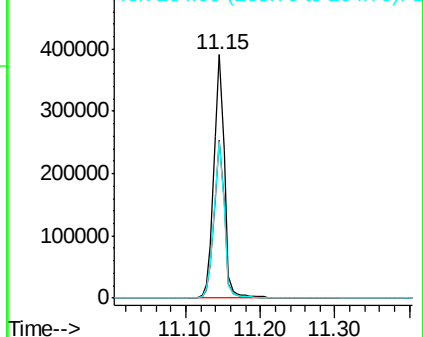
264 64.5 50.2 75.2

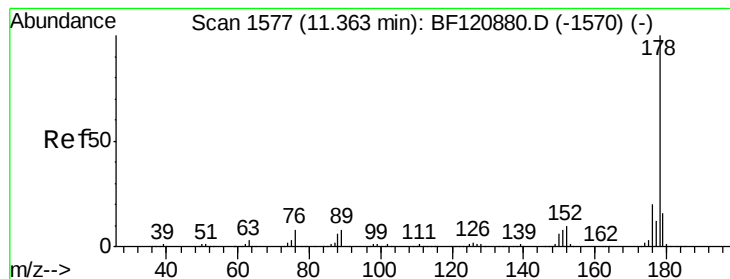


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.505 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

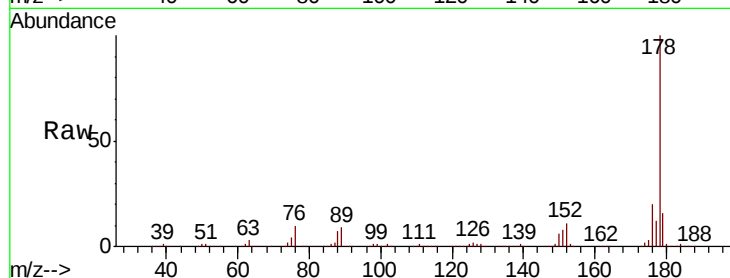
Tot Ion:178 Resp: 1368924

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

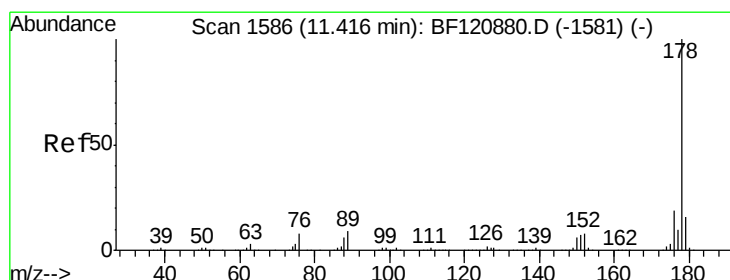
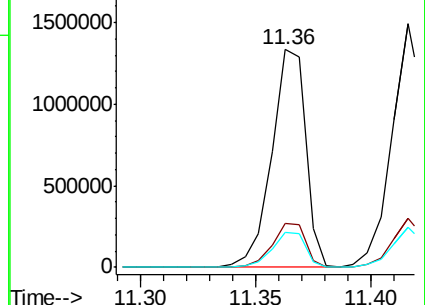
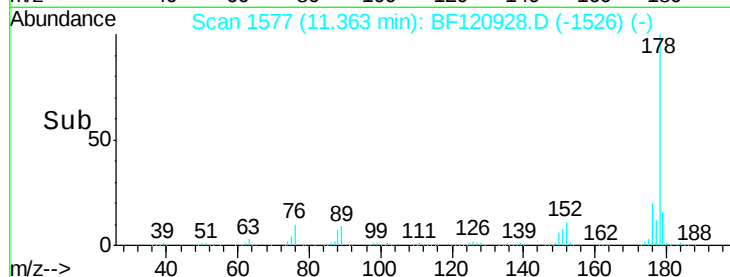
179 16.1 12.8 19.2



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: 38.854 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

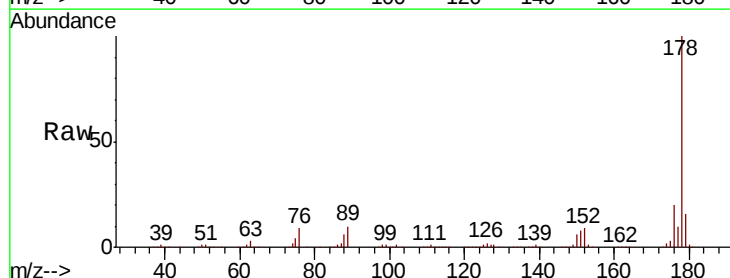
Tgt Ion:178 Resp: 1424030

Ion Ratio Lower Upper

178 100

176 20.2 15.5 23.3

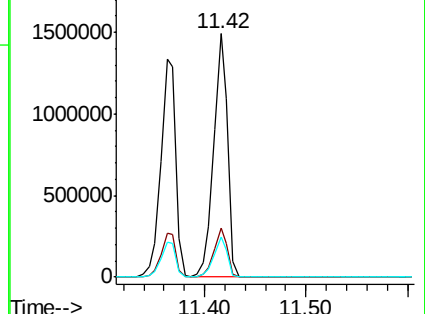
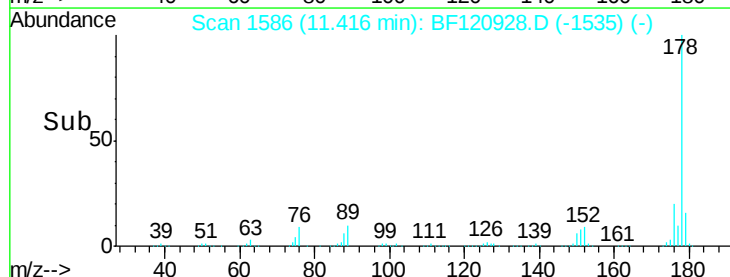
179 16.4 12.8 19.2



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

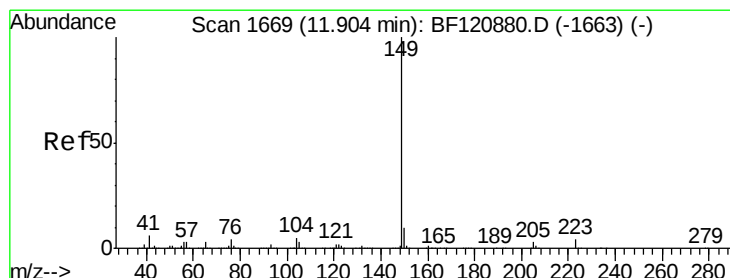
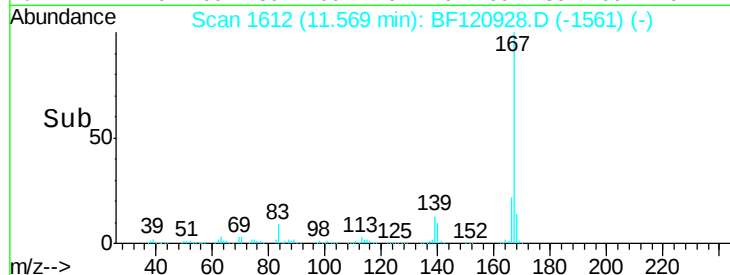
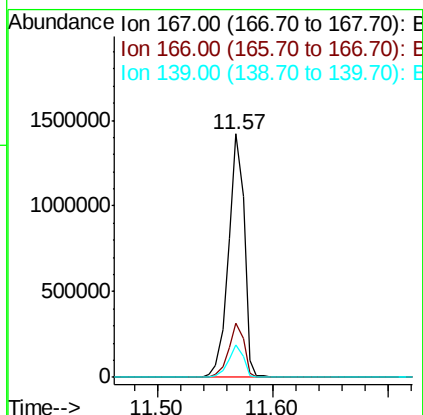
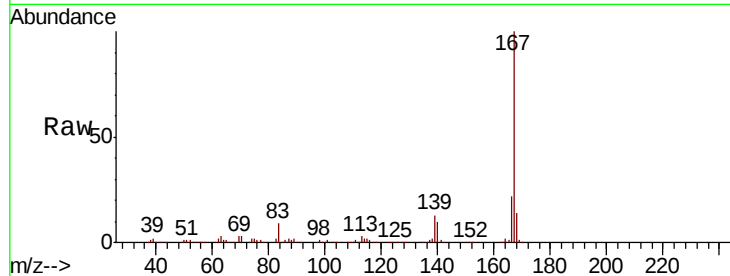




#73
 Carbazole
 Concen: 36.724 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

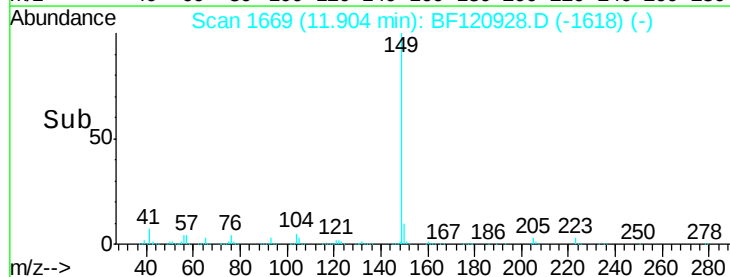
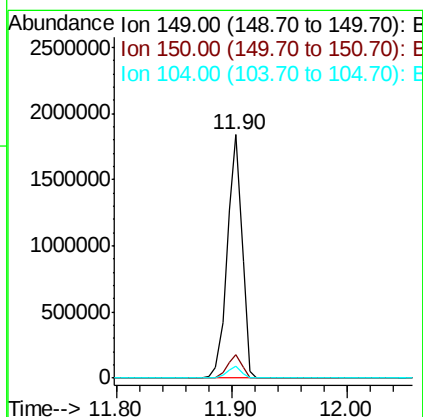
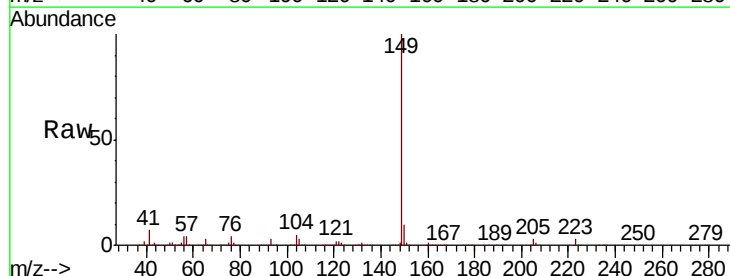
Instrument :
 BNA_F
 ClientSampleId :
 PB130275BS

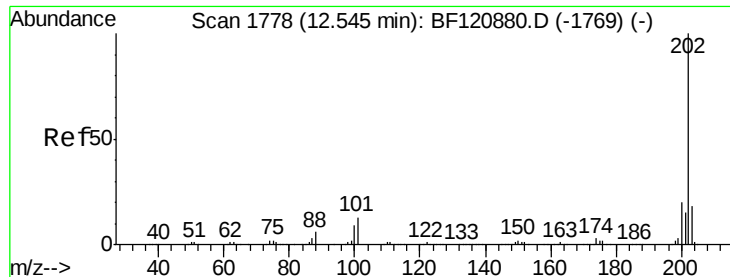
Tot Ion:167 Resp: 1335759
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 13.2 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 38.450 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Tgt Ion:149 Resp: 1613915
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 4.9 3.8 5.6

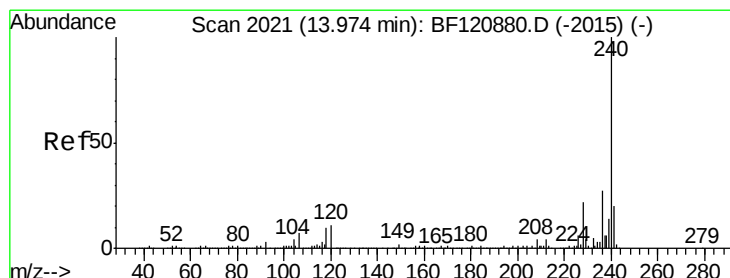
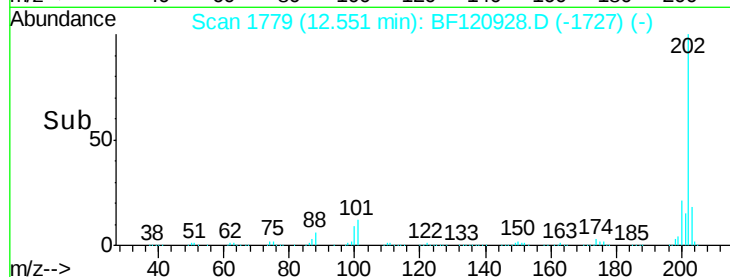
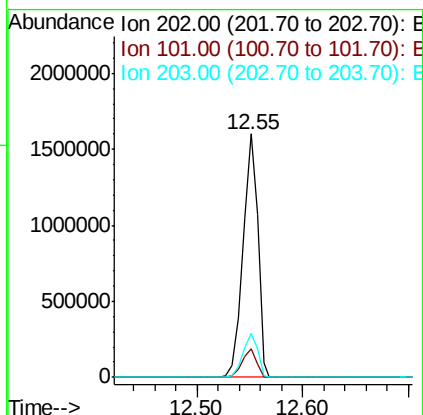
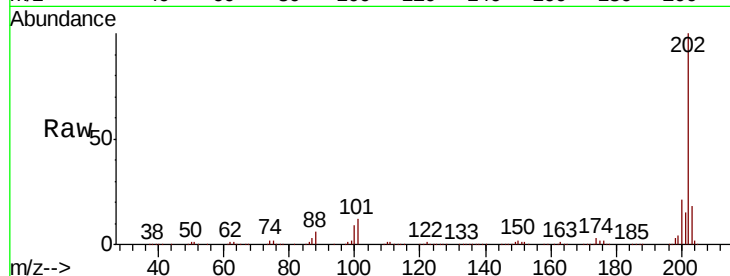




#75
 Fluoranthene
 Concen: 37.747 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

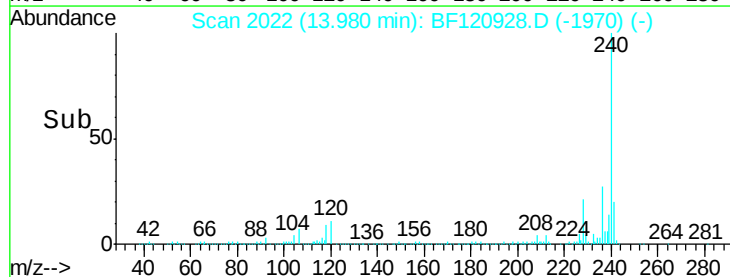
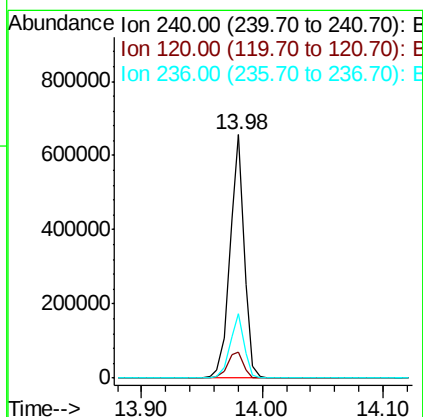
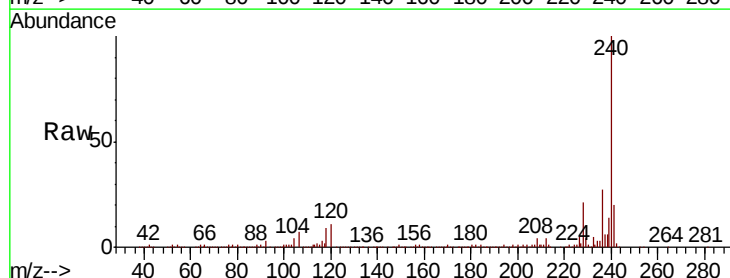
Instrument :
 BNA_F
 ClientSampleId :
 PB130275BS

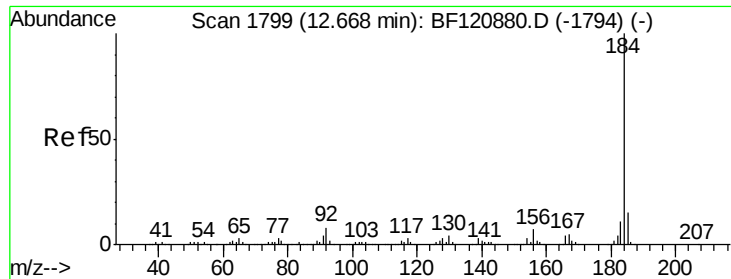
Tot Ion:202 Resp: 1527135
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 32.7
 203 18.2 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Tgt Ion:240 Resp: 534909
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.0 13.4
 236 26.7 21.7 32.5

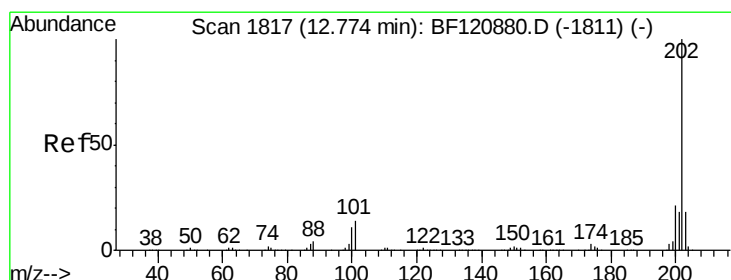
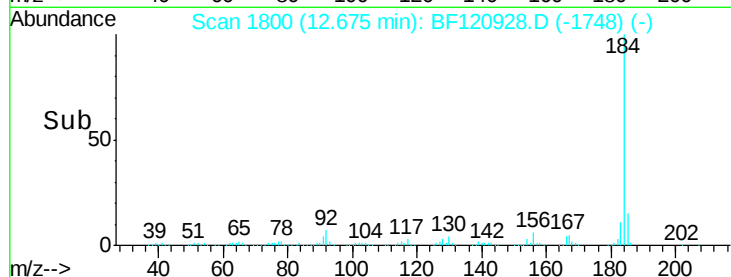
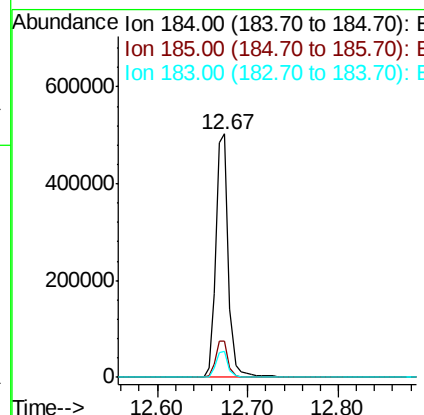
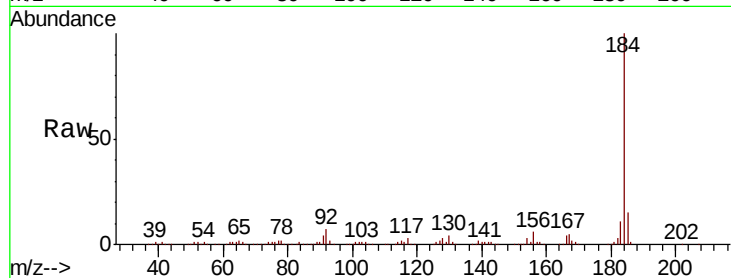




#77
Benzidine
Concen: 35.142 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

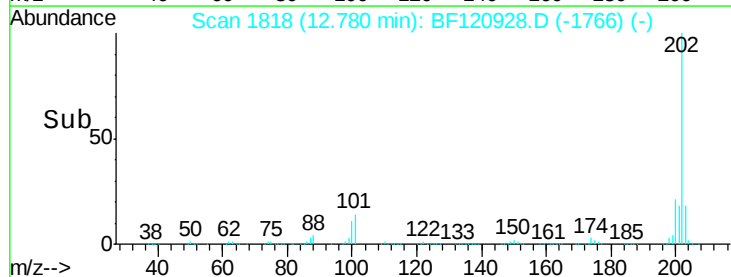
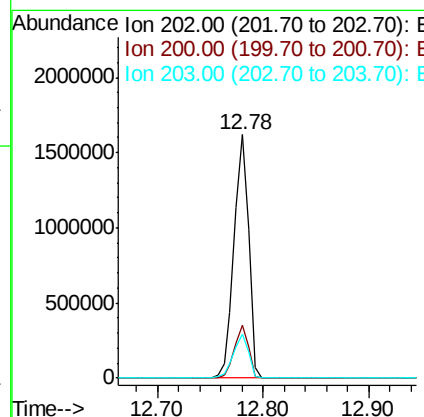
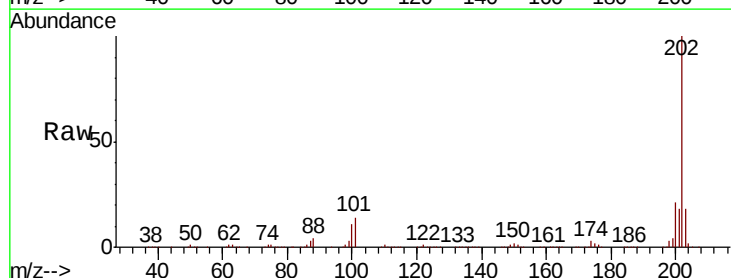
Instrument :
BNA_F
ClientSampleId :
PB130275BS

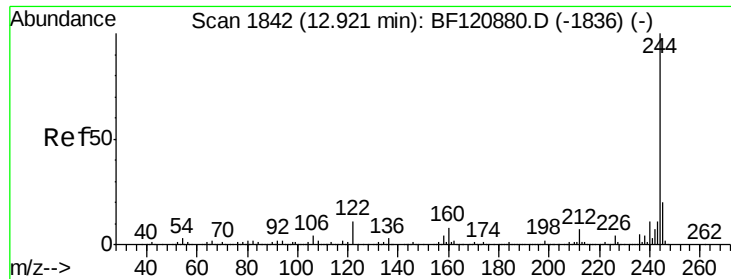
Tot Ion:184 Resp: 494223
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 10.7 8.5 12.7



#78
Pyrene
Concen: 41.068 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

Tgt Ion:202 Resp: 1553108
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 18.3 14.4 21.6

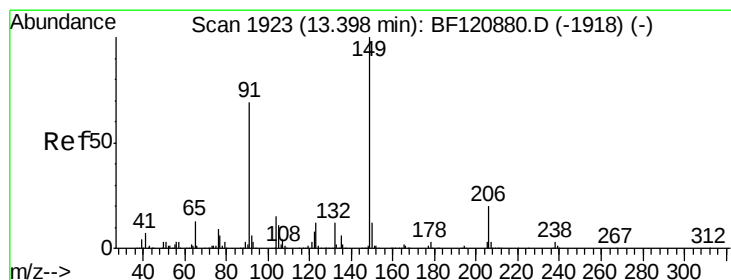
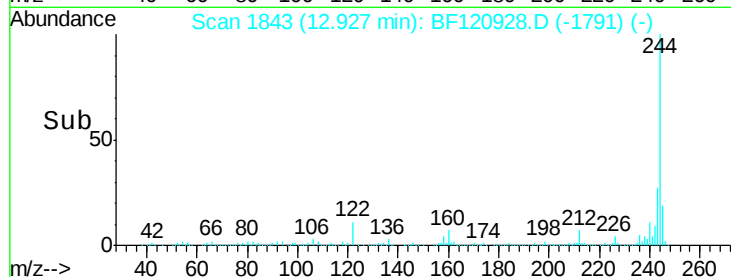
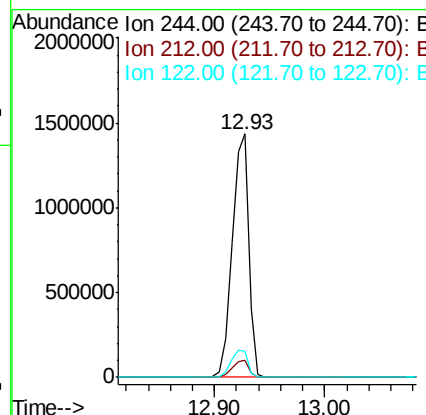
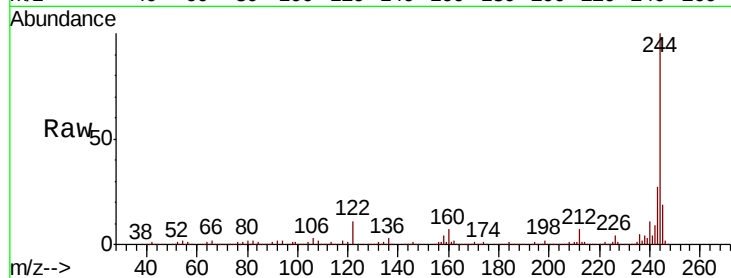




#79
 Terphenyl-d14
 Concen: 61.154 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

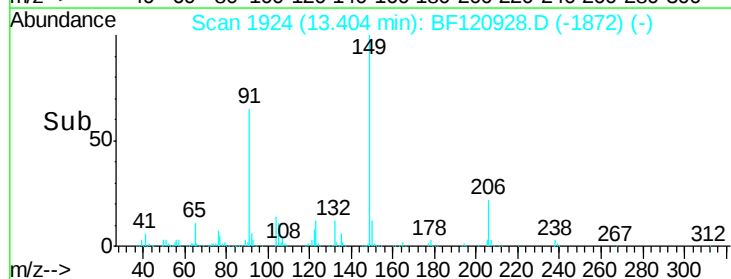
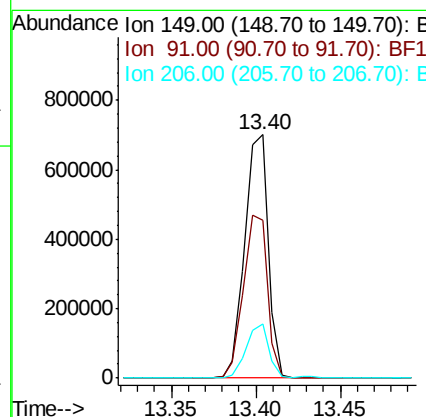
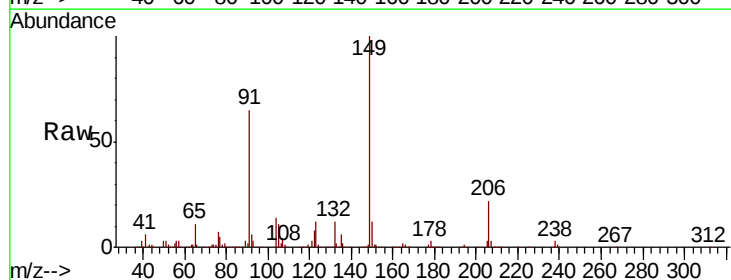
Instrument :
 BNA_F
 ClientSampleId :
 PB130275BS

Tot Ion:244 Resp: 1504831
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.6 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 40.473 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Tgt Ion:149 Resp: 682327
 Ion Ratio Lower Upper
 149 100
 91 64.8 55.1 82.7
 206 22.4 16.1 24.1





#81

Benzo(a)anthracene

Concen: 37.850 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

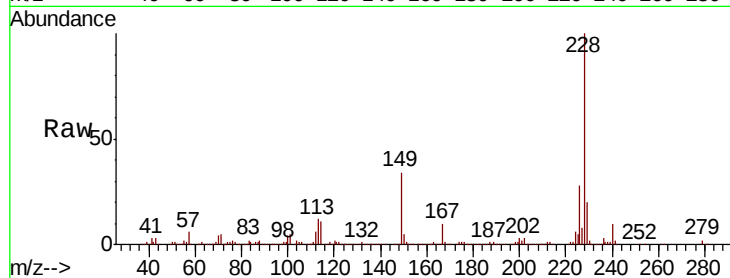
BNA_F

ClientSampleId :

PB130275BS

Tot Ion:228 Resp: 1226024

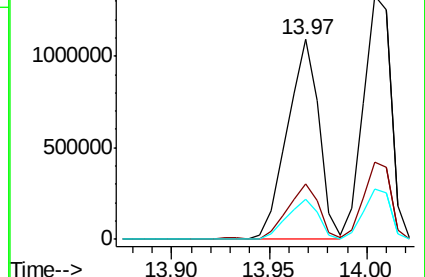
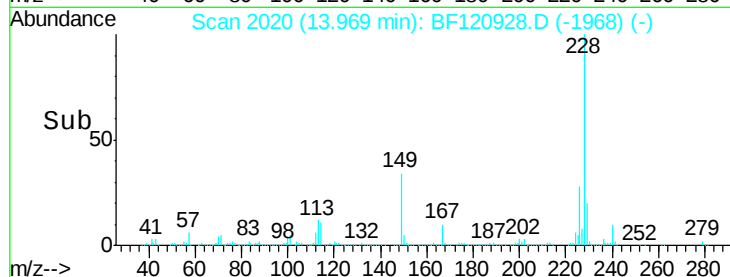
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	20.3	16.1	24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.629 ng

RT: 13.93 min Scan# 2013

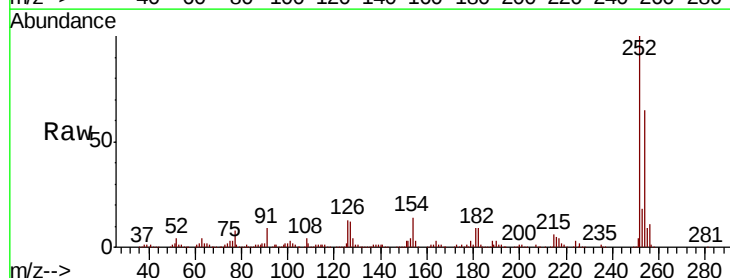
Delta R.T. 0.00 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Tgt Ion:252 Resp: 337637

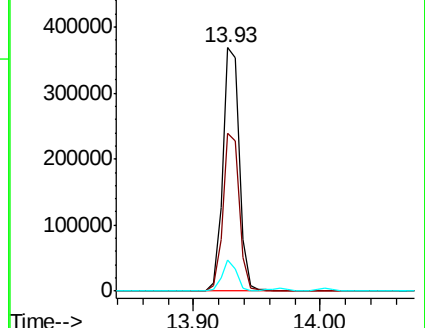
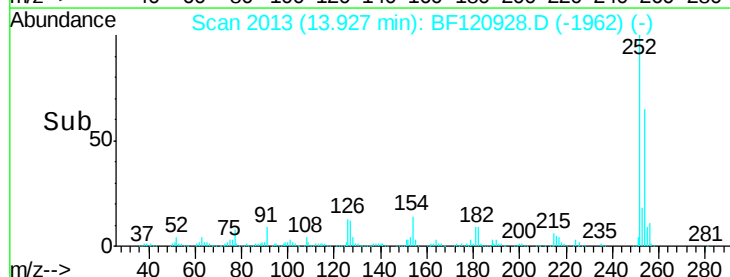
Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.2	76.8
126	12.8	8.7	13.1

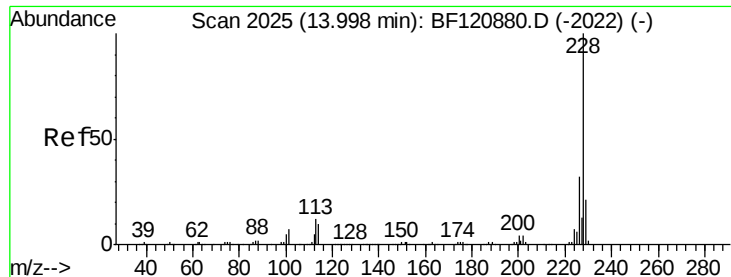


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.663 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

BNA_F

ClientSampleId :

PB130275BS

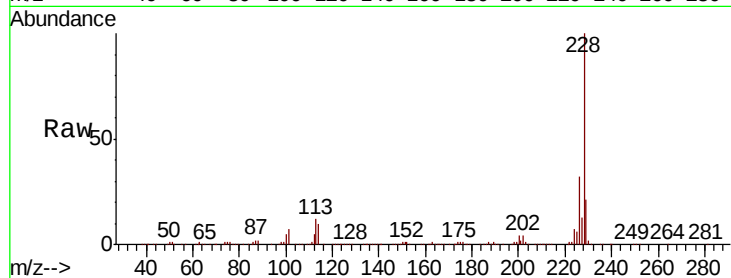
Tot Ion:228 Resp: 1316071

Ion Ratio Lower Upper

228 100

226 31.8 25.6 38.4

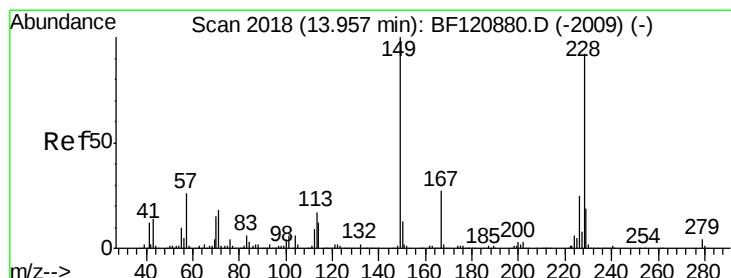
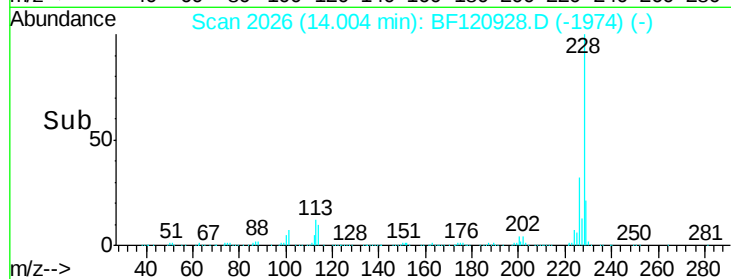
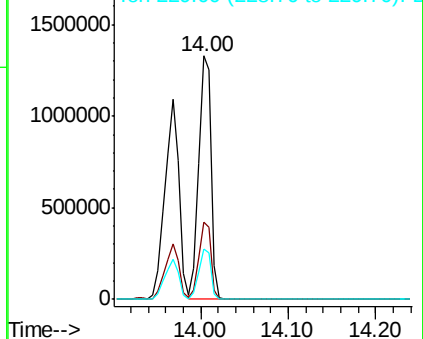
229 20.8 16.8 25.2



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: 39.520 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

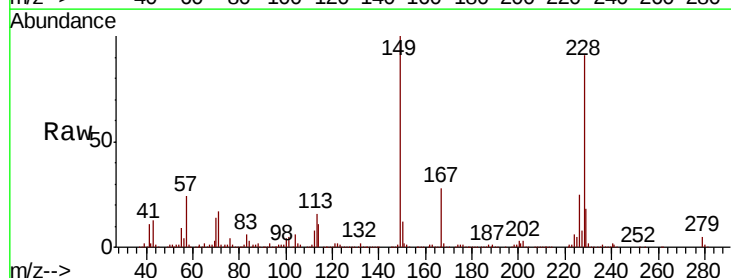
Tgt Ion:149 Resp: 821585

Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

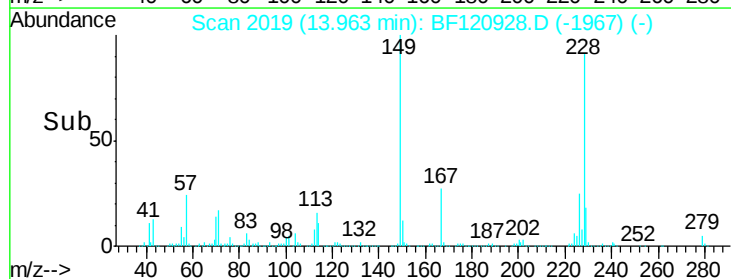
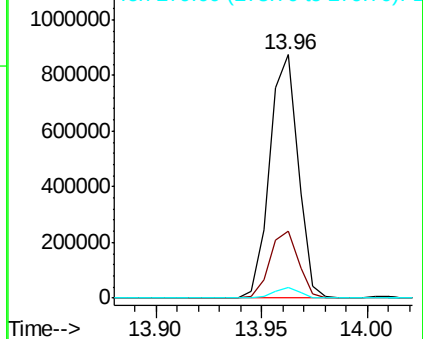
279 4.5 3.0 4.4#



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

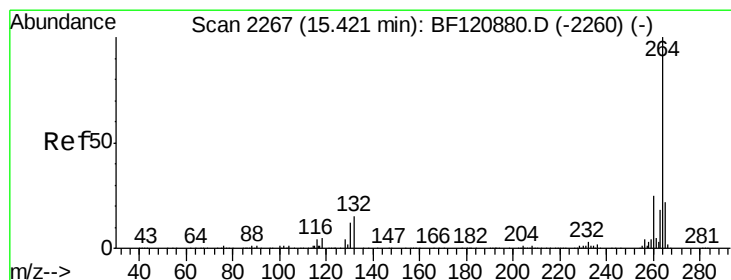
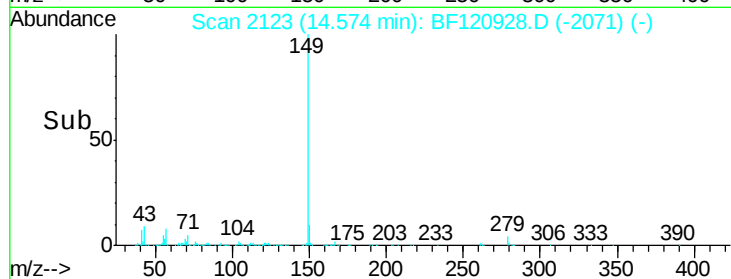
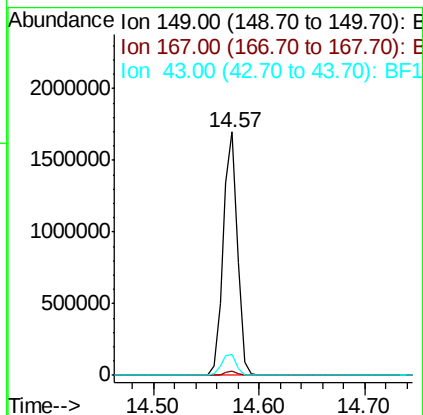
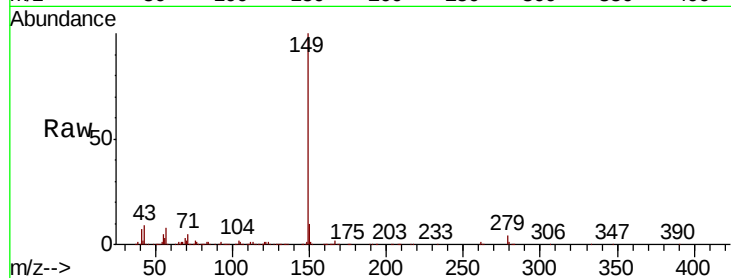




#85
Di-n-octyl phthalate
Concen: 38.612 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

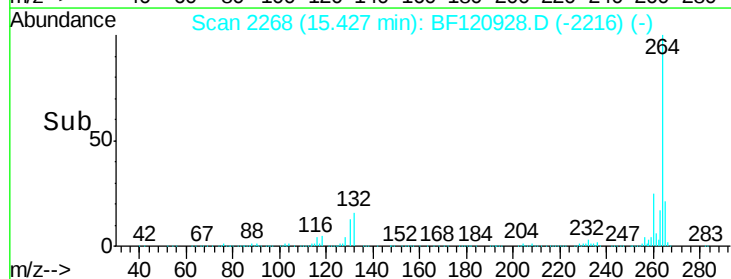
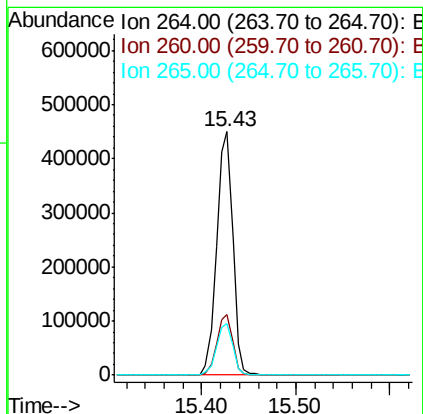
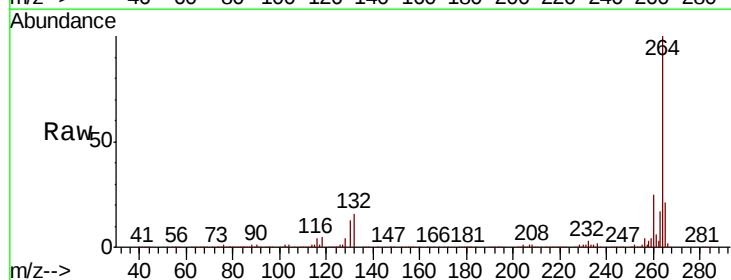
Instrument :
BNA_F
ClientSampleId :
PB130275BS

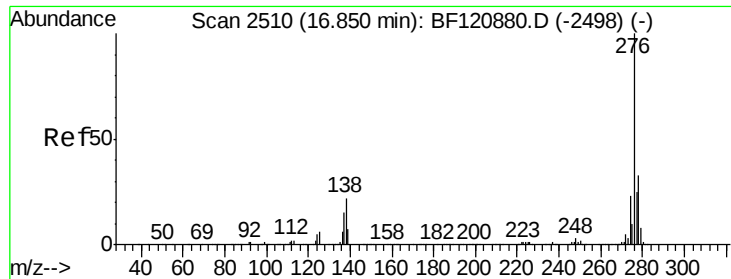
Tot Ion:149 Resp: 1596988
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

Tgt Ion:264 Resp: 542605
Ion Ratio Lower Upper
264 100
260 24.8 20.0 30.0
265 21.1 17.4 26.2

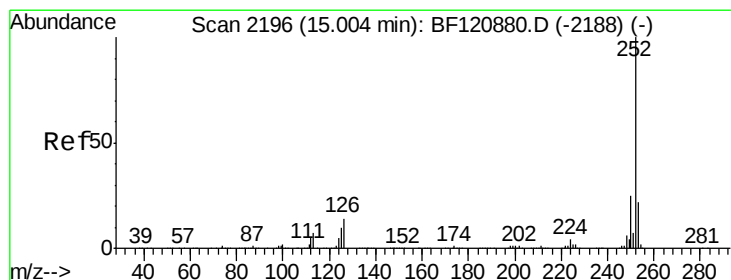
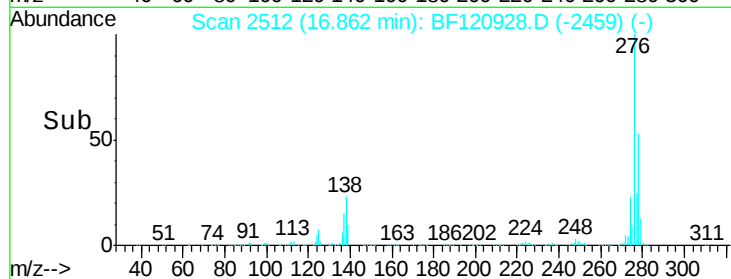
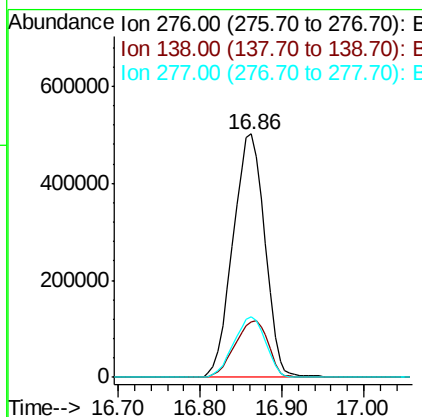
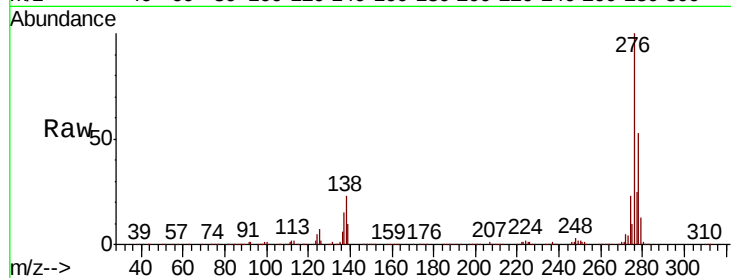




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.126 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

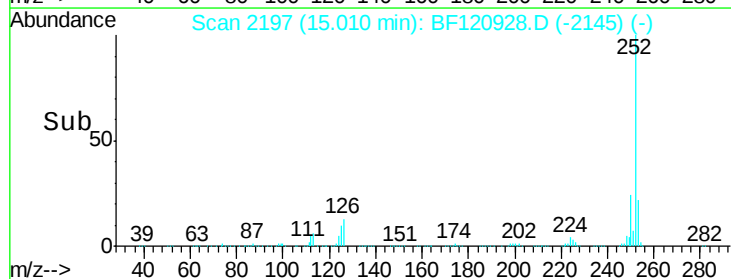
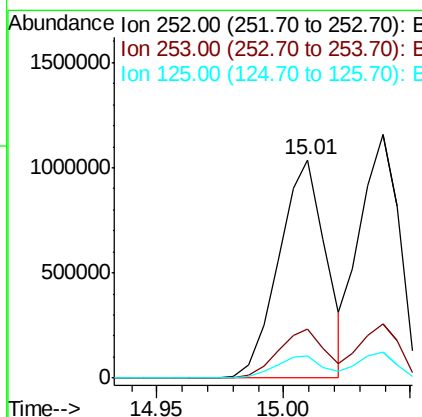
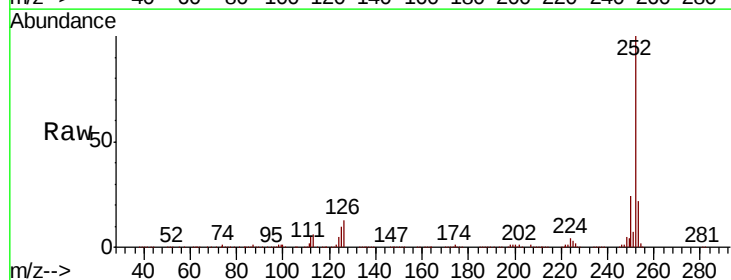
Instrument :
 BNA_F
 ClientSampleId :
 PB130275BS

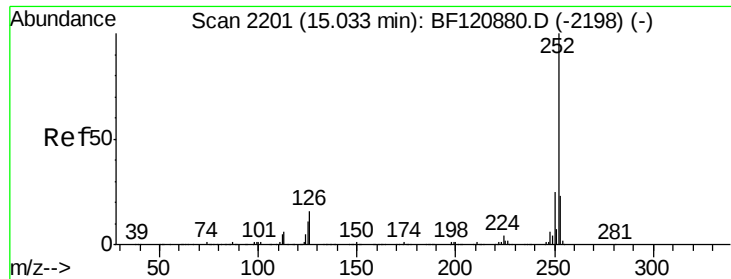
Tot Ion:276 Resp: 1363244
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.8 29.8
 277 25.0 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 40.856 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120928.D
 Acq: 20 Jul 2020 10:27

Tgt Ion:252 Resp: 1340003
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.0 27.0
 125 10.1 8.3 12.5

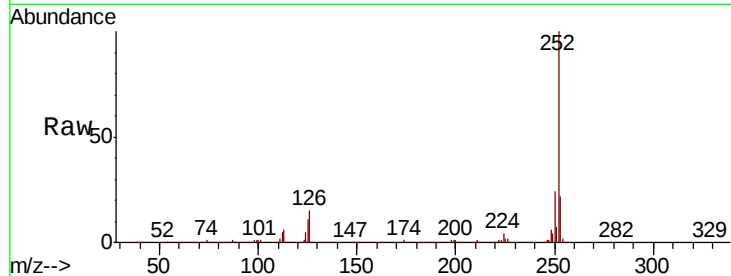




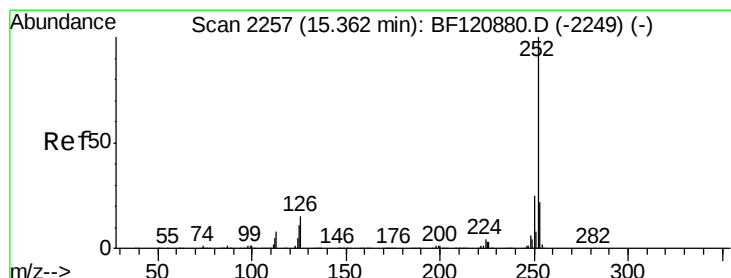
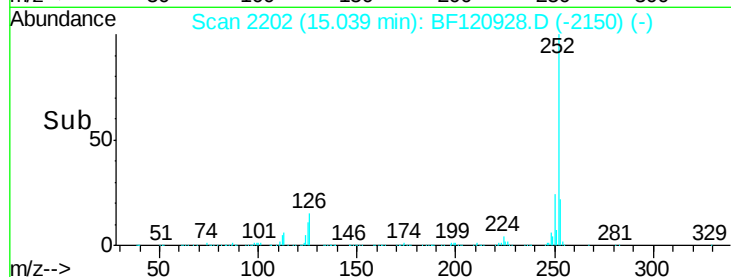
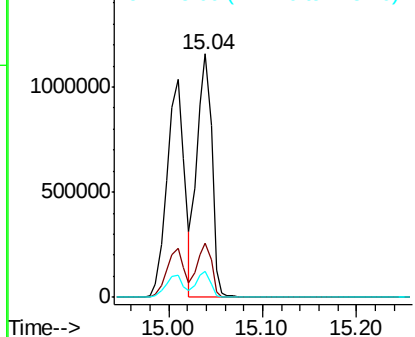
#89
Benzo(k)fluoranthene
Concen: 42.404 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

Instrument :
BNA_F
ClientSampleId :
PB130275BS

Tot Ion:252 Resp: 1268383
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 10.6 8.4 12.6

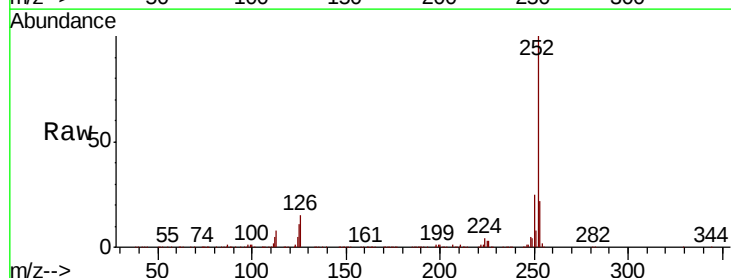


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

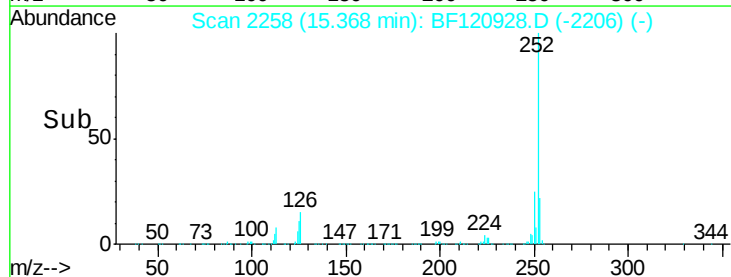
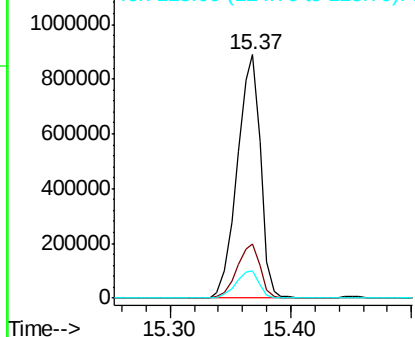


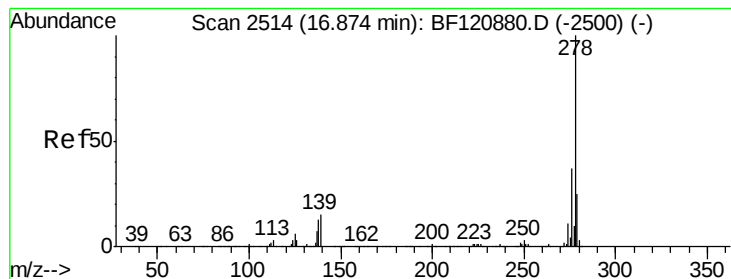
#90
Benzo(a)pyrene
Concen: 39.926 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120928.D
Acq: 20 Jul 2020 10:27

Tgt Ion:252 Resp: 1194764
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.4 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.734 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Instrument :

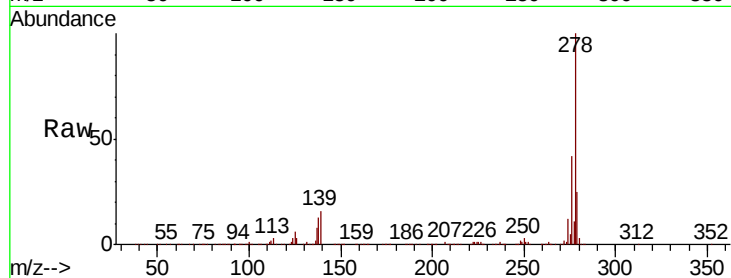
BNA_F

ClientSampleId :

PB130275BS

Tot Ion:278 Resp: 1132315

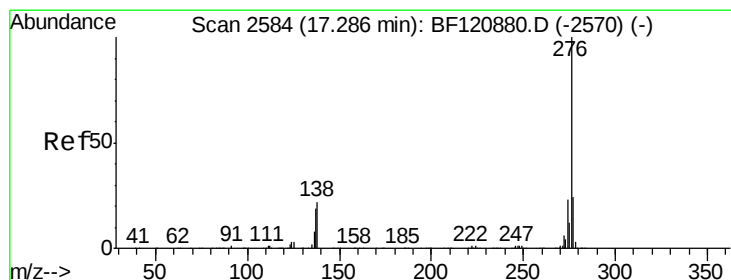
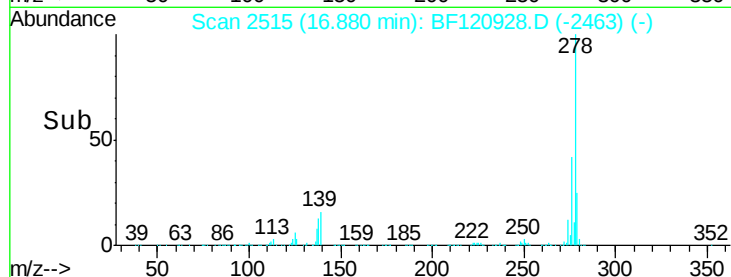
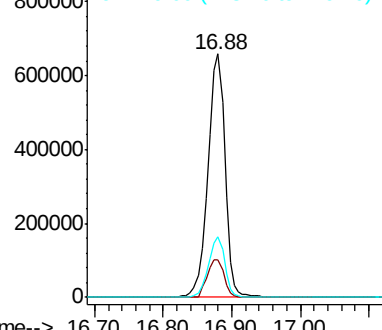
Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.3	18.5
279	24.7	20.1	30.1



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: 35.950 ng

RT: 17.29 min Scan# 2585

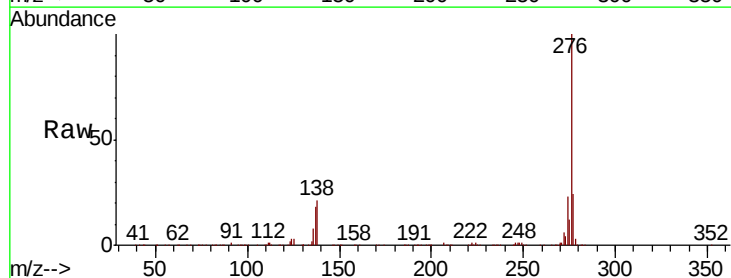
Delta R.T. 0.01 min

Lab File: BF120928.D

Acq: 20 Jul 2020 10:27

Tgt Ion:276 Resp: 1092627

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	21.5	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

