

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120954.D
 Acq On : 21 Jul 2020 15:12
 Operator : JU/CG
 Sample : PB130359BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

Quant Time: Jul 21 15:45:20 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	171761	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	642086	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	343123	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	655000	20.00	ng	0.00
76) Chrysene-d12	13.97	240	500832	20.00	ng	0.00
86) Perylene-d12	15.42	264	474453	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	812406	77.54	ng	0.01
7) Phenol-d6	6.45	99	992508	73.33	ng	0.00
23) Nitrobenzene-d5	7.38	82	909691	81.98	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	304899	81.18	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1660766	72.27	ng	0.00
79) Terphenyl-d14	12.92	244	1822889	79.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	163553	33.918	ng	99
3) Pyridine	3.36	79	388680	30.301	ng	99
4) n-Nitrosodimethylamine	3.30	42	205815	37.522	ng	96
6) Aniline	6.47	93	570135	32.272	ng	100
8) 2-Chlorophenol	6.60	128	464286	40.225	ng	99
9) Benzaldehyde	6.36	77	349370	61.275	ng	99
10) Phenol	6.46	94	574003	38.555	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	433319	37.978	ng	99
12) 1,3-Dichlorobenzene	6.76	146	467718	37.370	ng	99
13) 1,4-Dichlorobenzene	6.83	146	473468	38.044	ng	98
14) 1,2-Dichlorobenzene	6.99	146	435613	36.999	ng	99
15) Benzyl Alcohol	6.96	79	354510	37.040	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	604737	36.772	ng	99
17) 2-Methylphenol	7.07	107	367425	35.916	ng	99
18) Hexachloroethane	7.33	117	173882	38.602	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	284152	36.922	ng	98
20) 3+4-Methylphenols	7.22	107	417844	32.108	ng	88
22) Acetophenone	7.23	105	568526	39.453	ng	96
24) Nitrobenzene	7.40	77	465619	38.931	ng	99
25) Isophorone	7.64	82	851252	38.437	ng	99
26) 2-Nitrophenol	7.72	139	242669	42.722	ng	99
27) 2,4-Dimethylphenol	7.75	122	403048	43.703	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	545374	40.342	ng	99
29) 2,4-Dichlorophenol	7.96	162	383742	40.720	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	411204	39.329	ng	100
31) Naphthalene	8.12	128	1280549	38.880	ng	99
32) Benzoic acid	7.88	122	279221	40.333	ng	97
33) 4-Chloroaniline	8.17	127	397933	27.084	ng	98
34) Hexachlorobutadiene	8.24	225	235267	38.170	ng	99
35) Caprolactam	8.55	113	96896	32.062	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	402644	41.659	ng	99
37) 2-Methylnaphthalene	8.81	142	872731	40.810	ng	98
38) 1-Methylnaphthalene	8.91	142	825643	40.764	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	381650	38.176	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	458887	83.053	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	281874	40.045	nq	96
44) 2,4,5-Trichlorophenol	9.13	196	306403	38.375	nq	95
46) 1,1'-Biphenyl	9.27	154	1056004	40.346	nq	99
47) 2-Chloronaphthalene	9.30	162	813603	38.127	nq	99
48) 2-Nitroaniline	9.40	65	253556	39.318	nq	95
49) Acenaphthylene	9.72	152	1305741	39.388	nq	100
50) Dimethylphthalate	9.58	163	971120	39.231	nq	99
51) 2,6-Dinitrotoluene	9.64	165	217755	40.945	nq	93
52) Acenaphthene	9.89	154	776441	36.839	nq	99
53) 3-Nitroaniline	9.80	138	167017	25.040	nq	96
54) 2,4-Dinitrophenol	9.92	184	208639	69.168	nq	# 81
55) Dibenzofuran	10.06	168	1168189	38.328	nq	98
56) 4-Nitrophenol	9.97	139	384364	75.861	nq	97
57) 2,4-Dinitrotoluene	10.04	165	294775	42.208	nq	# 90
58) Fluorene	10.40	166	851887	37.476	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	257876	42.419	nq	98
60) Diethylphthalate	10.28	149	984713	39.328	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	424324	34.997	nq	99
62) 4-Nitroaniline	10.42	138	244102	37.570	nq	99
63) Azobenzene	10.56	77	918868	38.548	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	142340	38.385	nq	93
66) n-Nitrosodiphenylamine	10.52	169	822182	39.902	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	282284	38.655	nq	# 91
68) Hexachlorobenzene	10.95	284	316270	40.036	nq	# 91
69) Atrazine	11.05	200	237683	46.577	nq	99
70) Pentachlorophenol	11.15	266	357703	79.040	nq	100
71) Phenanthrene	11.36	178	1310829	38.912	nq	100
72) Anthracene	11.42	178	1348477	39.865	nq	99
73) Carbazole	11.57	167	1264359	37.664	nq	99
74) Di-n-butylphthalate	11.90	149	1544469	39.868	nq	100
75) Fluoranthene	12.55	202	1428986	38.270	nq	98
77) Benzidine	12.67	184	919095	69.799	nq	99
78) Pyrene	12.78	202	1479604	41.786	nq	100
80) Butylbenzylphthalate	13.40	149	688834	43.639	nq	100
81) Benzo(a)anthracene	13.97	228	1192396	39.317	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	401081	35.054	nq	99
83) Chrysene	14.00	228	1273615	39.961	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	848462	43.590	nq	99
85) Di-n-octyl phthalate	14.57	149	1668637	43.089	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1130218	34.253	nq	100
88) Benzo(b)fluoranthene	15.00	252	1200392	41.856	nq	100
89) Benzo(k)fluoranthene	15.03	252	1205463	46.089	nq	100
90) Benzo(a)pyrene	15.36	252	1070524	40.913	nq	100
91) Dibenzo(a,h)anthracene	16.87	278	966425	35.856	nq	98
92) Benzo(g,h,i)perylene	17.28	276	905687	34.080	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

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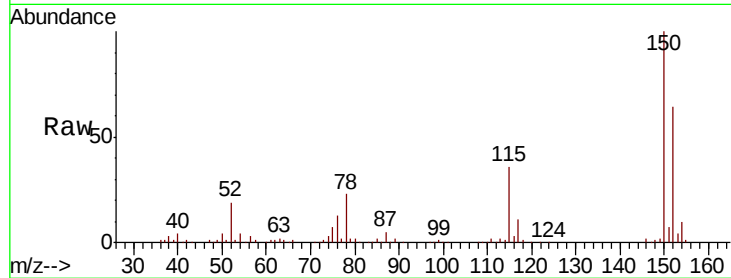
Tot Ion:152 Resp: 171761

Ion Ratio Lower Upper

152 100

150 156.2 125.0 187.6

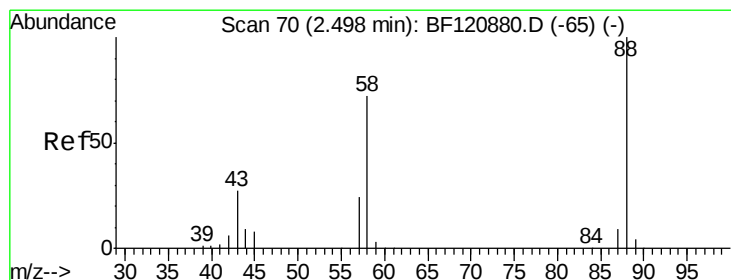
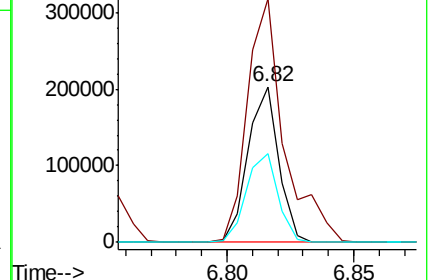
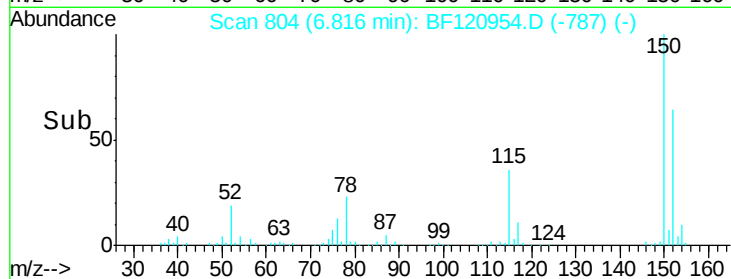
115 56.7 47.0 70.4



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: 33.918 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.12 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

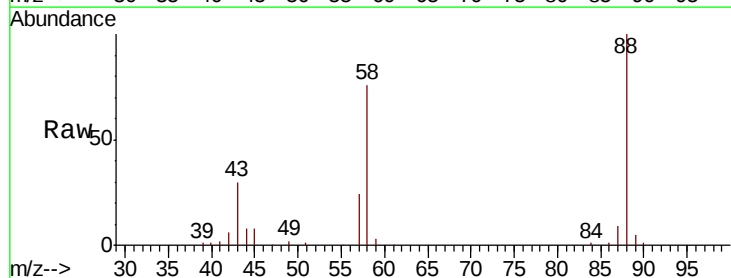
Tgt Ion: 88 Resp: 163553

Ion Ratio Lower Upper

88 100

58 73.2 58.2 87.2

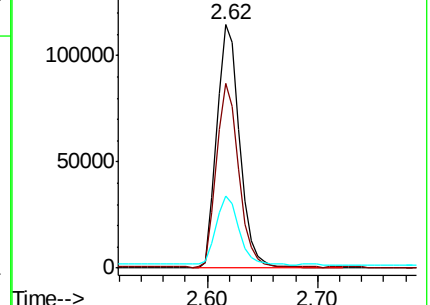
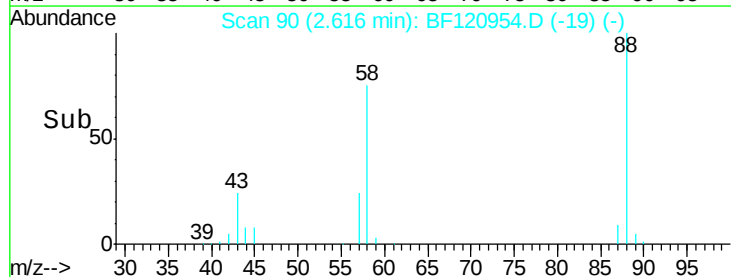
43 28.1 22.1 33.1



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

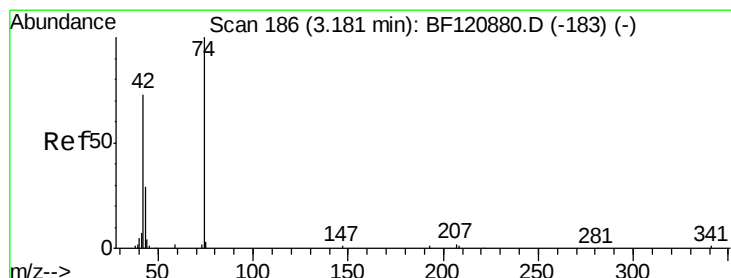
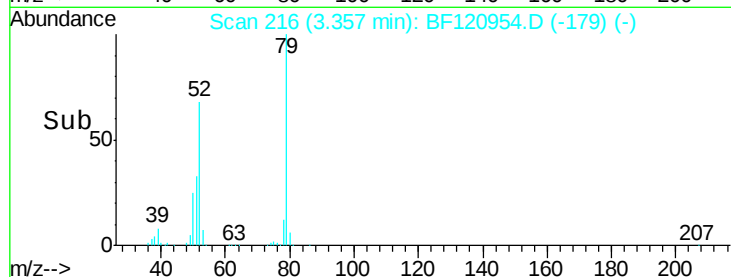
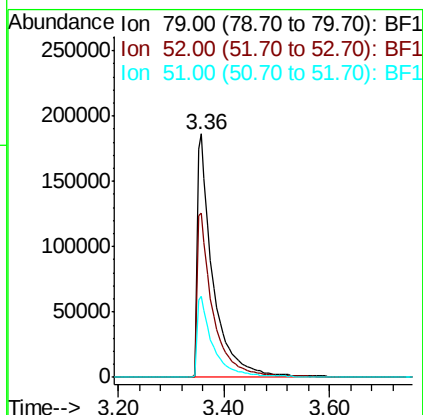
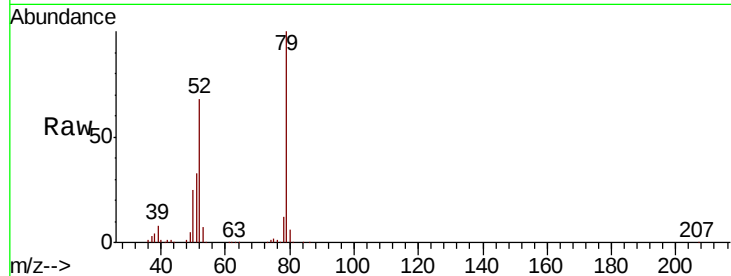




#3
 Pvridine
 Concen: 30.301 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.12 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

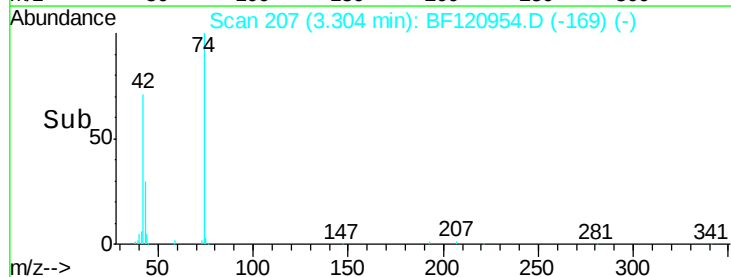
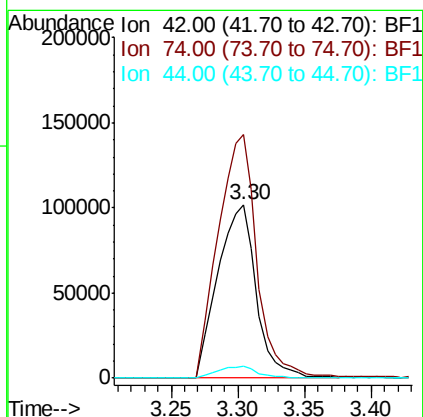
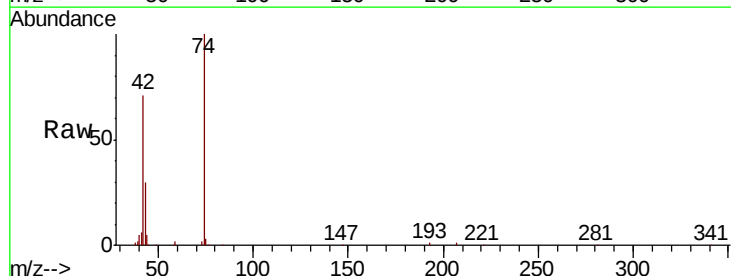
Instrument :
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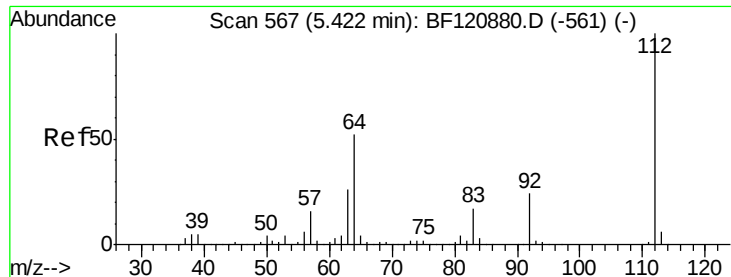
Tot Ion: 79 Resp: 388680
 Ion Ratio Lower Upper
 79 100
 52 67.5 55.0 82.6
 51 33.5 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 37.522 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.12 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion: 42 Resp: 205815
 Ion Ratio Lower Upper
 42 100
 74 140.6 108.7 163.1
 44 6.6 5.2 7.8





#5

2-Fluorophenol

Concen: 77.539 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

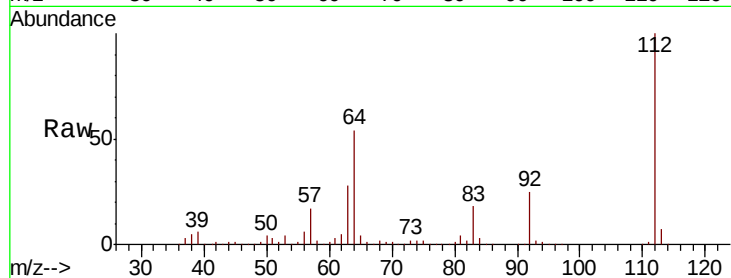
Tot Ion: 112 Resp: 812406

Ion Ratio Lower Upper

112 100

64 54.5 41.3 61.9

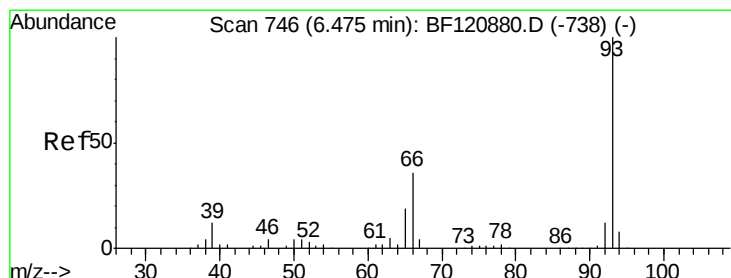
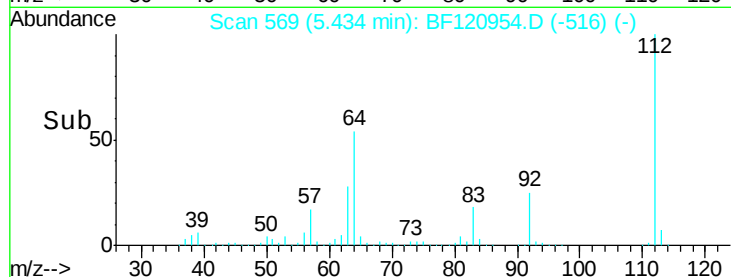
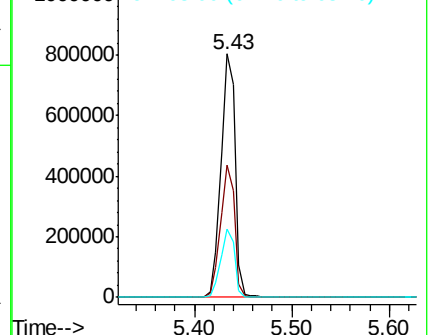
63 28.3 21.1 31.7



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: 32.272 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

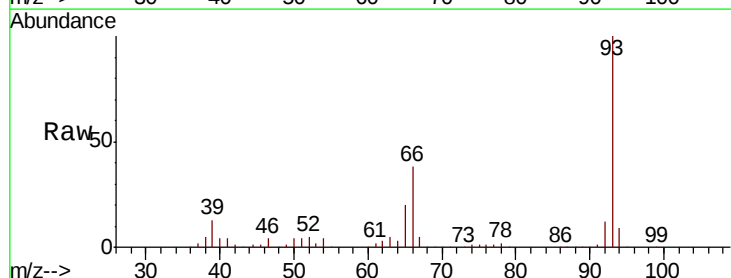
Tgt Ion: 93 Resp: 570135

Ion Ratio Lower Upper

93 100

66 37.6 30.2 45.4

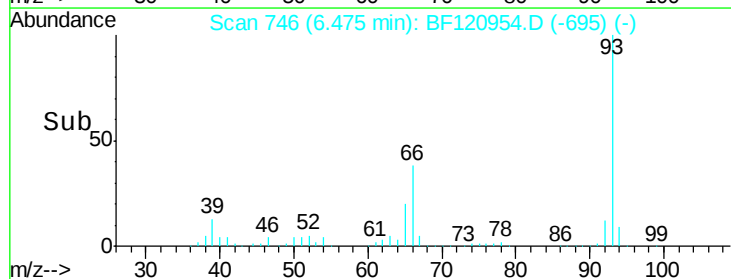
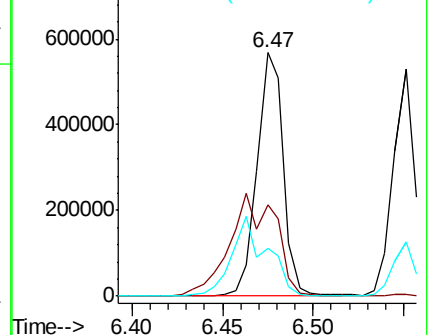
65 19.9 15.8 23.6



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: 73.334 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

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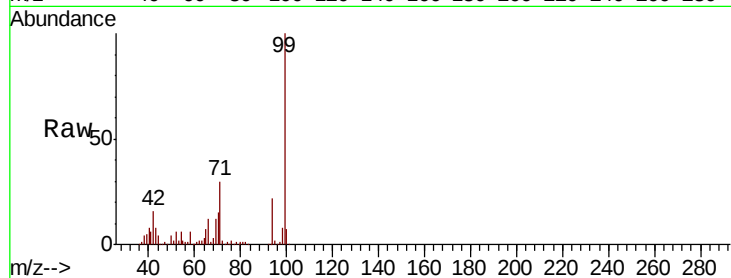
Tot Ion: 99 Resp: 992508

Ion Ratio Lower Upper

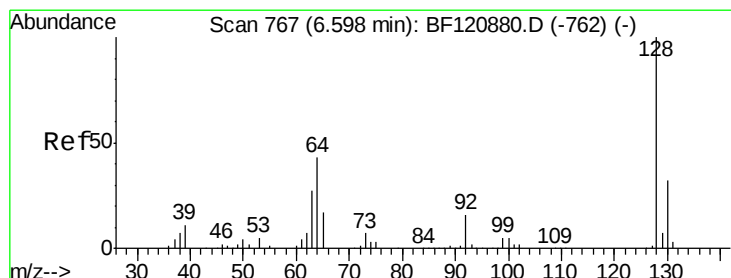
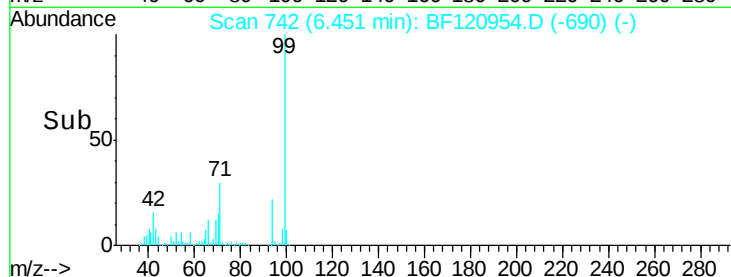
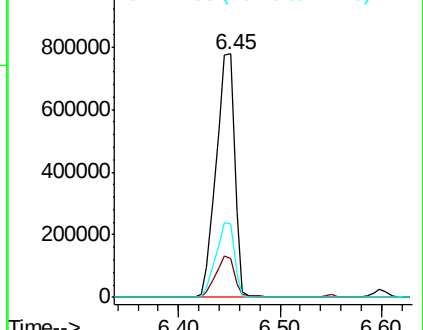
99 100

42 16.1 13.1 19.7

71 30.3 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.225 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

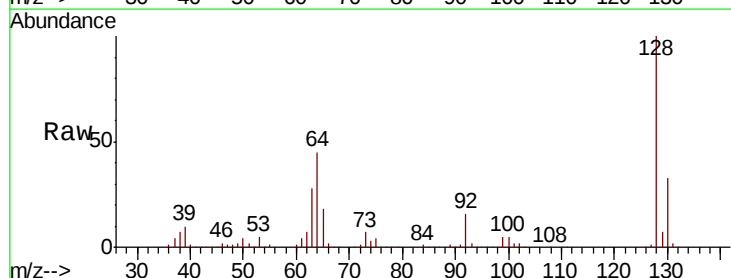
Tgt Ion: 128 Resp: 464286

Ion Ratio Lower Upper

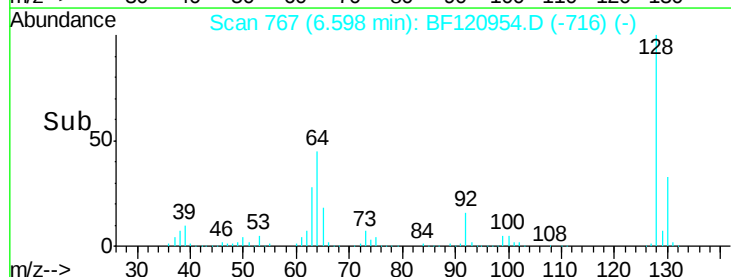
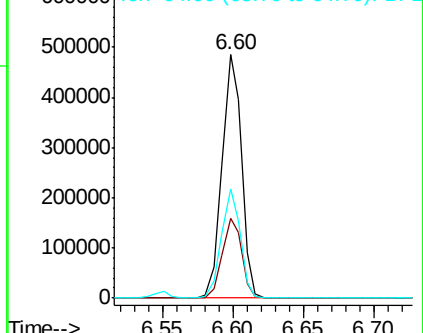
128 100

130 32.8 12.1 52.1

64 44.9 24.0 64.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 61.275 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

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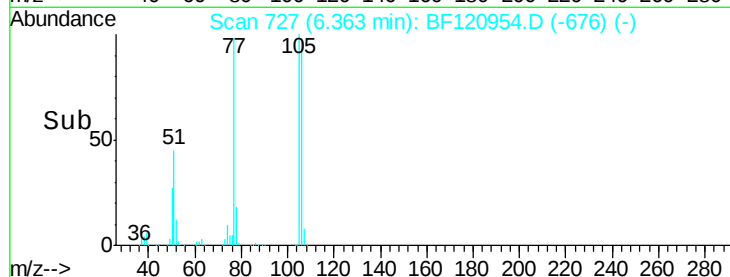
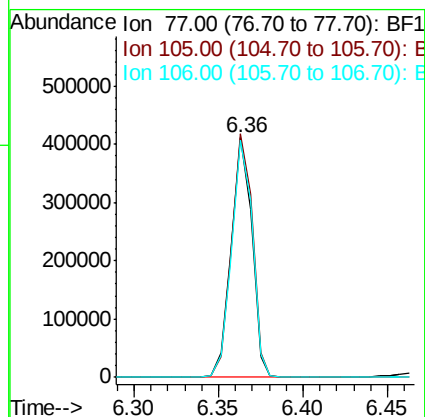
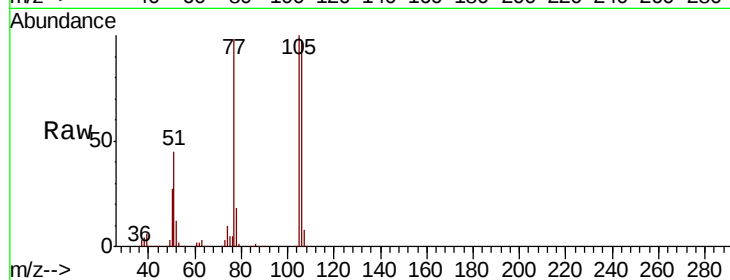
Tot Ion: 77 Resp: 349370

Ion Ratio Lower Upper

77 100

105 101.8 82.5 122.5

106 99.1 78.7 118.7



#10

Phenol

Concen: 38.555 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

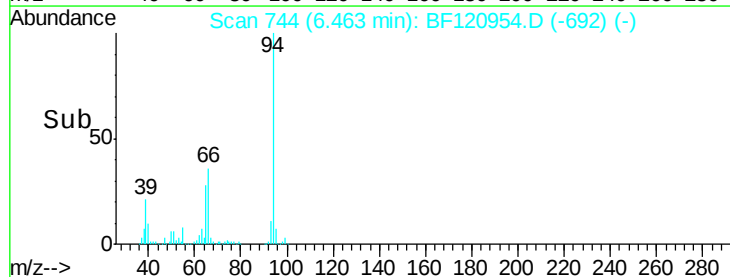
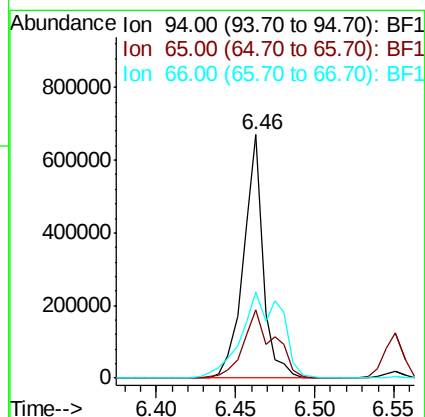
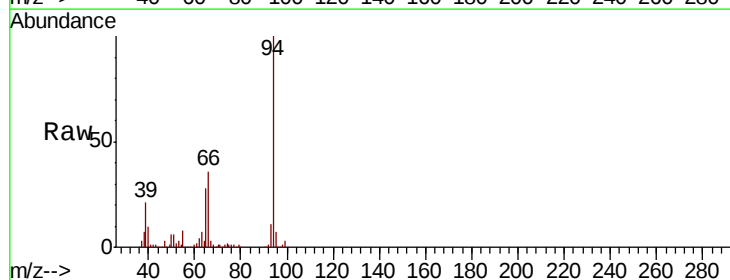
Tgt Ion: 94 Resp: 574003

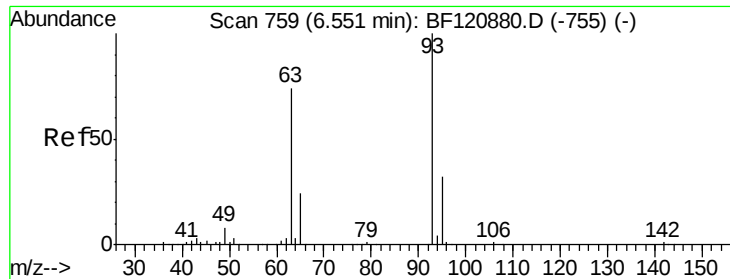
Ion Ratio Lower Upper

94 100

65 27.8 6.6 46.6

66 35.6 13.2 53.2

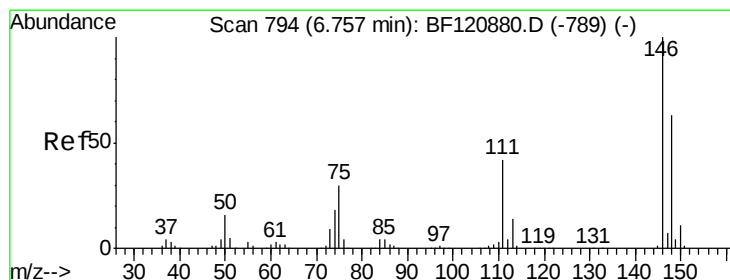
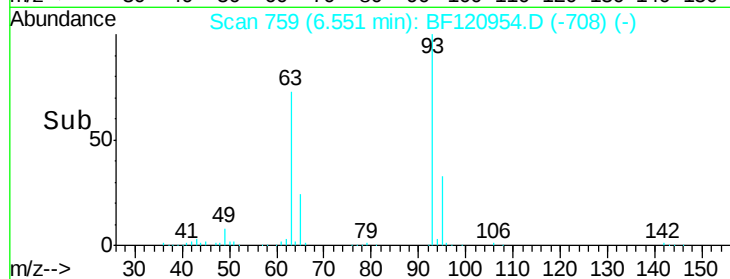
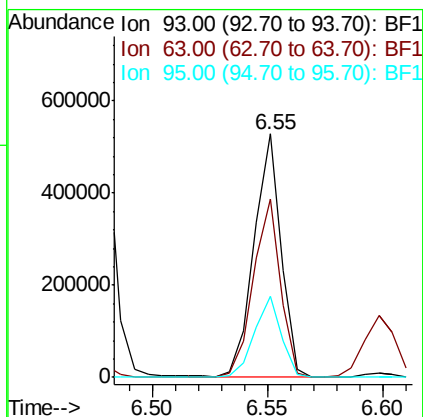
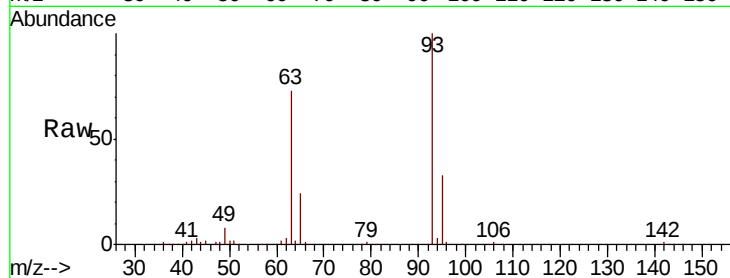




#11
bis(2-Chloroethyl)ether
Concen: 37.978 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

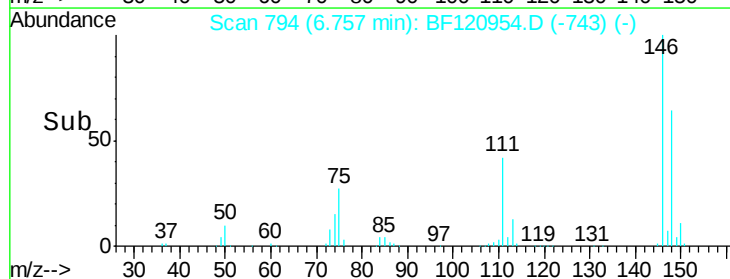
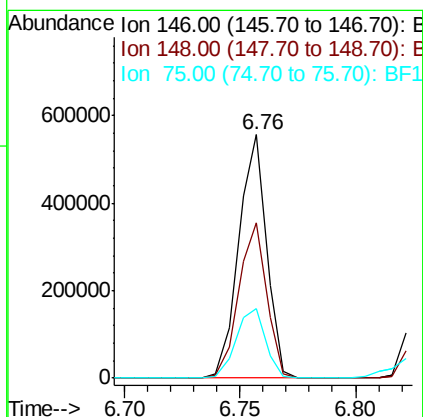
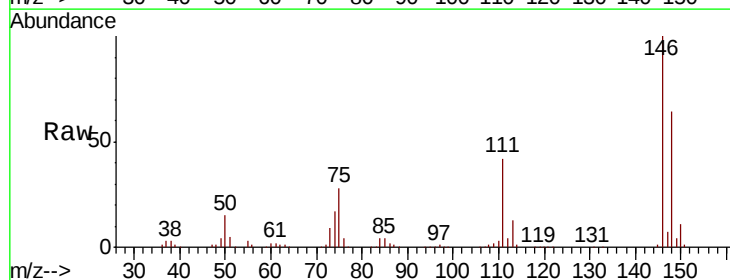
Instrument :
BNA_F
ClientSampleId :
PB130359BS

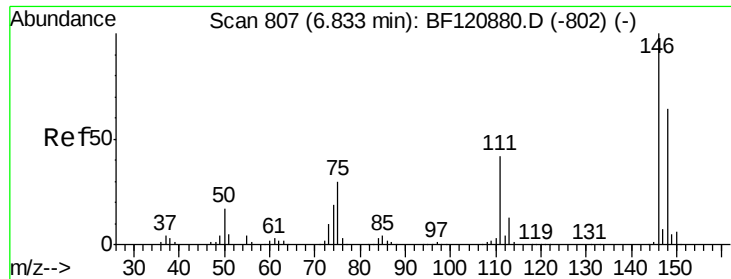
Tot Ion: 93 Resp: 433319
Ion Ratio Lower Upper
93 100
63 73.2 54.2 94.2
95 33.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 37.370 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion: 146 Resp: 467718
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
75 28.3 24.1 36.1

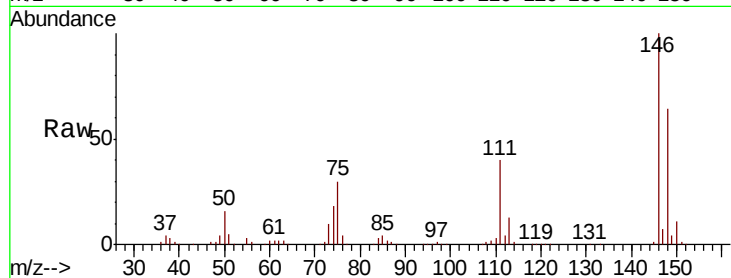




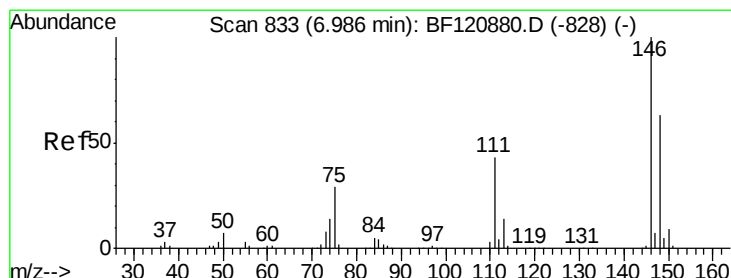
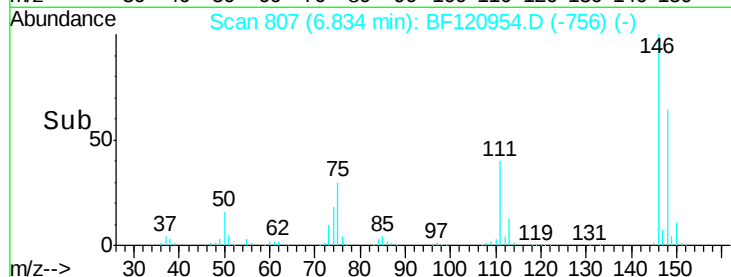
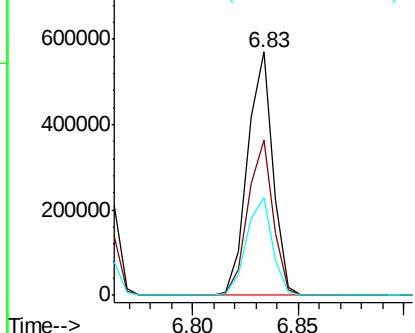
#13
 1,4-Dichlorobenzene
 Concen: 38.044 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

Tot Ion:146 Resp: 473468
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.6 77.4
 111 40.3 33.5 50.3

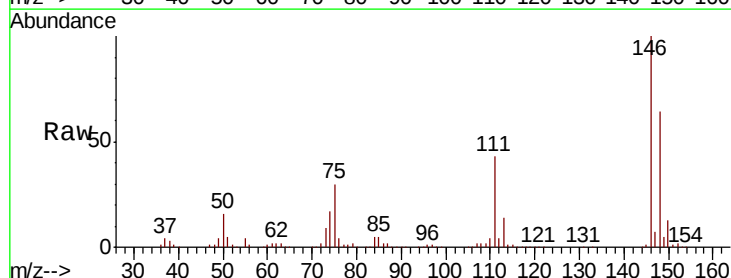


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

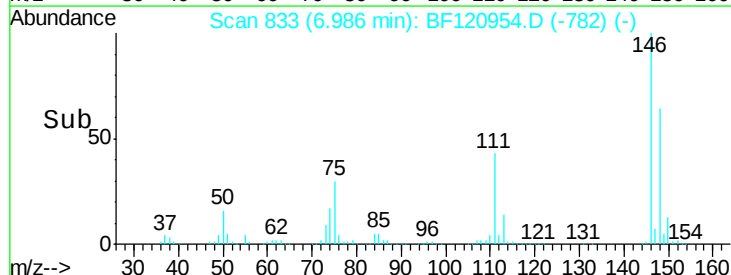
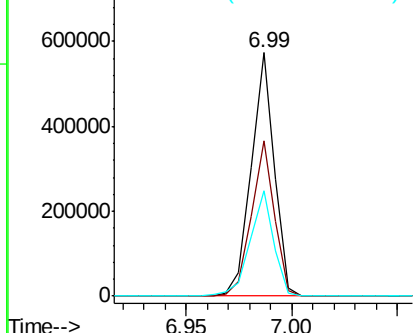


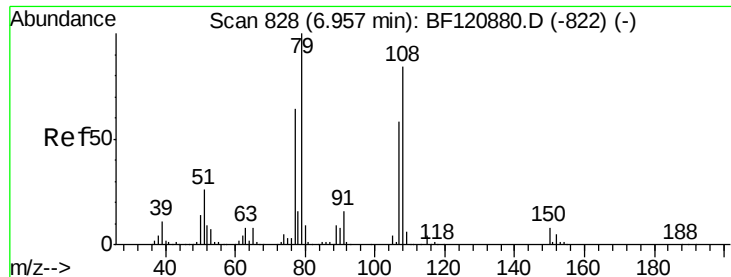
#14
 1,2-Dichlorobenzene
 Concen: 36.999 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion:146 Resp: 435613
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 76.0
 111 43.3 34.2 51.2



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





#15

Benzyl Alcohol

Concen: 37.040 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

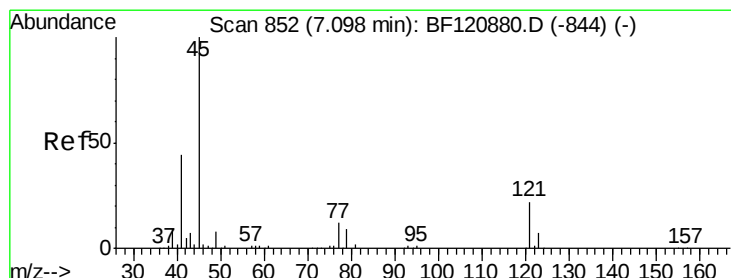
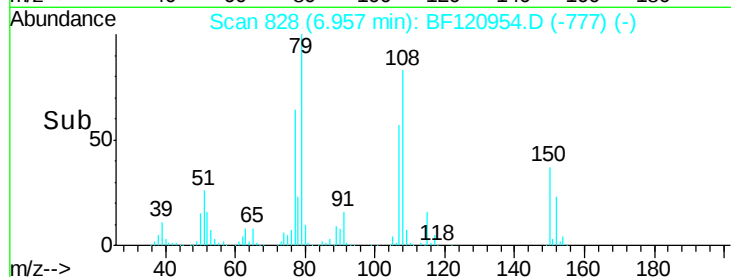
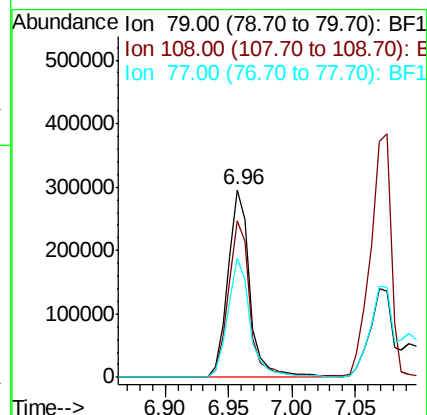
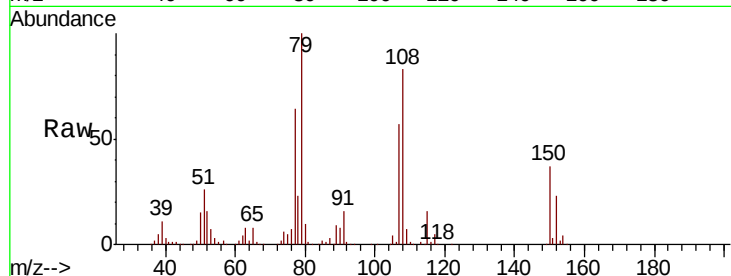
Tot Ion: 79 Resp: 354510

Ion Ratio Lower Upper

79 100

108 83.4 67.0 100.6

77 63.9 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.772 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

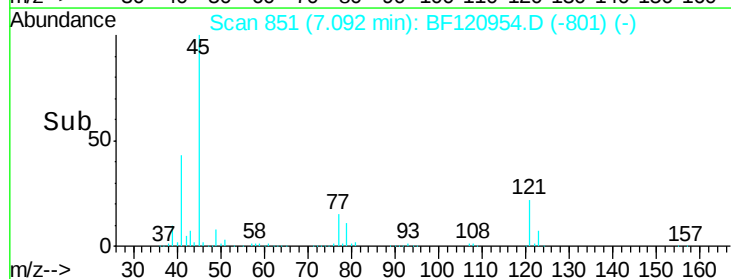
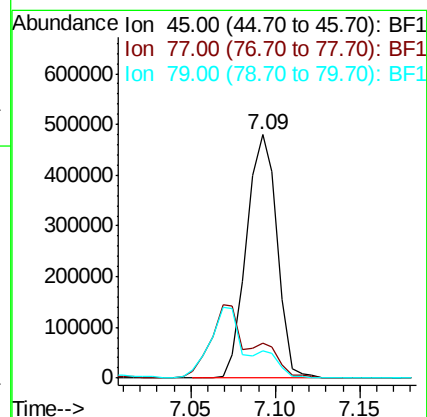
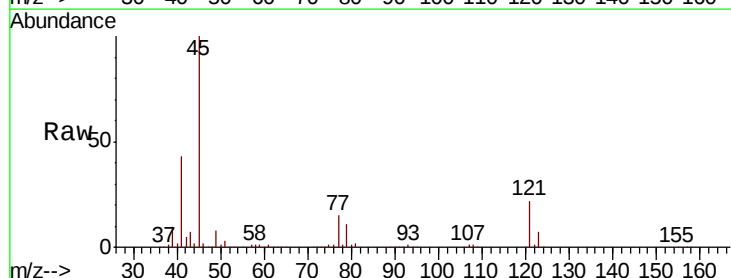
Tgt Ion: 45 Resp: 604737

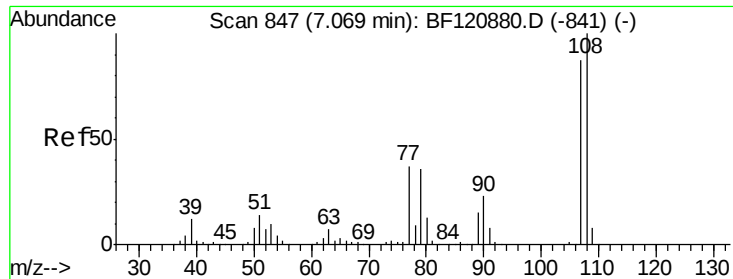
Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.3

79 11.2 0.0 31.0





#17

2-Methylphenol

Concen: 35.916 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

Tot Ion:107 Resp: 367425

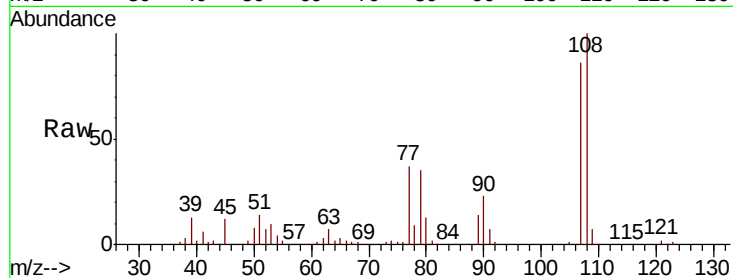
Ion Ratio Lower Upper

107 100

108 116.0 92.0 138.0

77 42.8 34.0 51.0

79 41.1 33.3 49.9

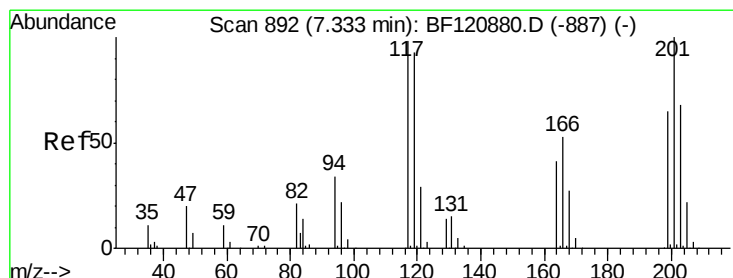
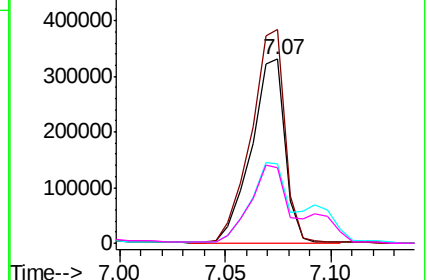
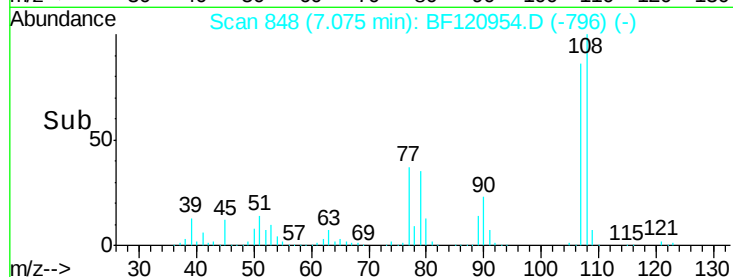


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.602 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

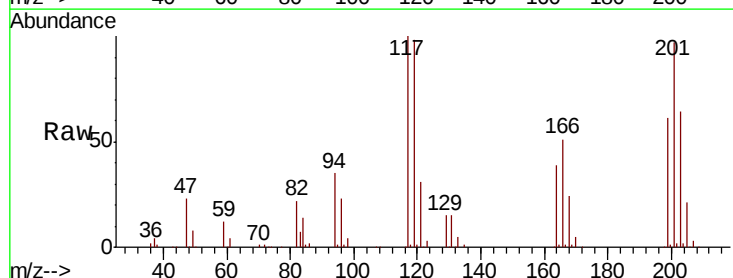
Tgt Ion:117 Resp: 173882

Ion Ratio Lower Upper

117 100

119 97.5 76.0 114.0

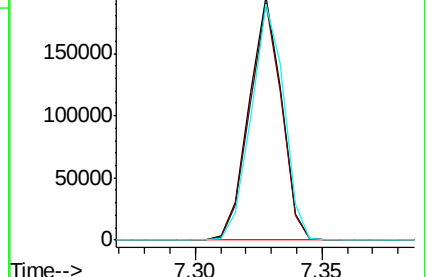
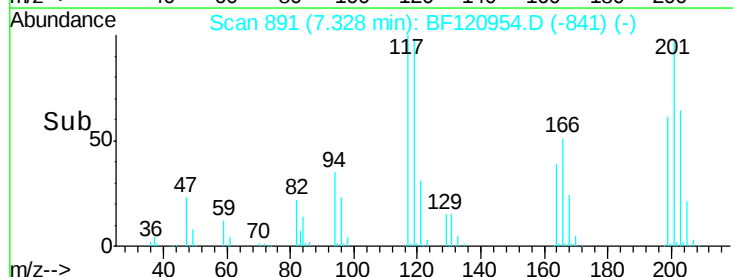
201 97.2 81.7 122.5

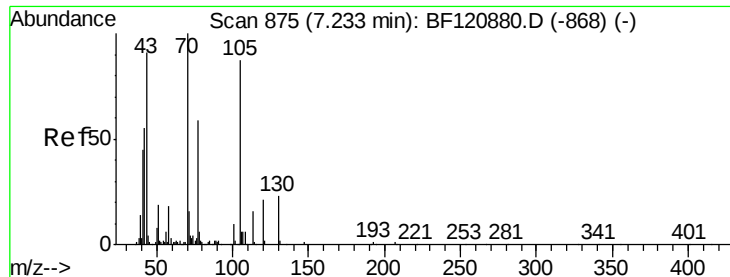


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

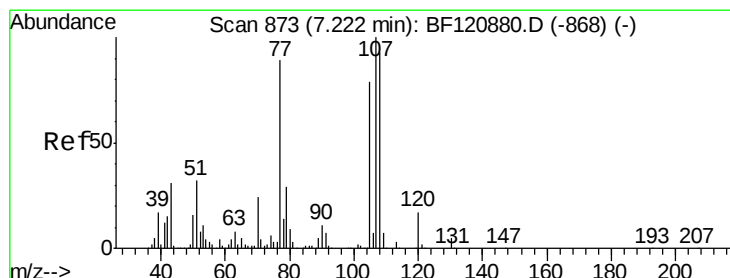
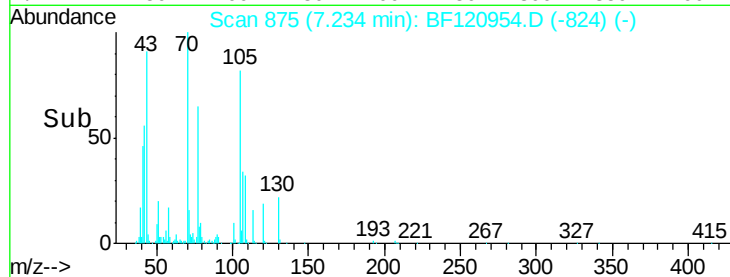
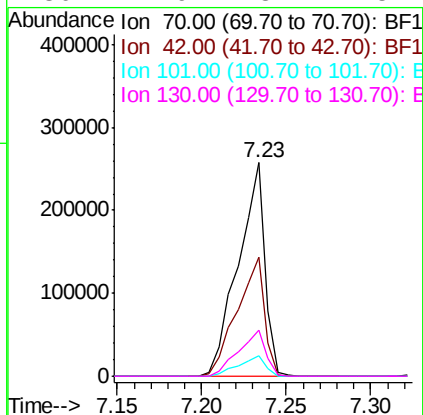
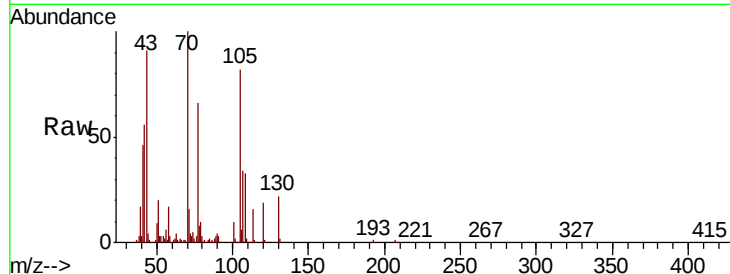




#19
n-Nitroso-di-n-propylamine
Concen: 36.922 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

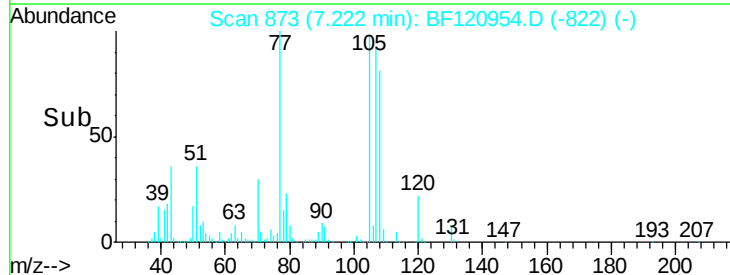
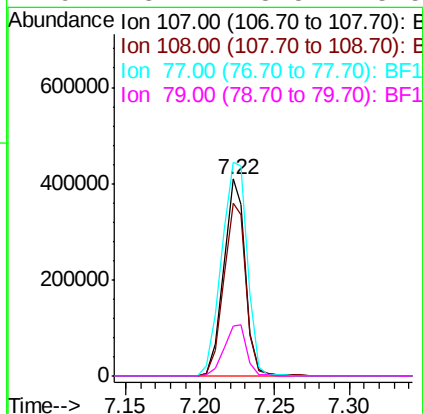
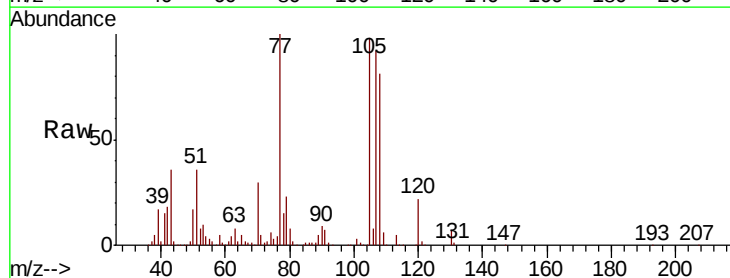
Instrument :
BNA_F
ClientSampleId :
PB130359BS

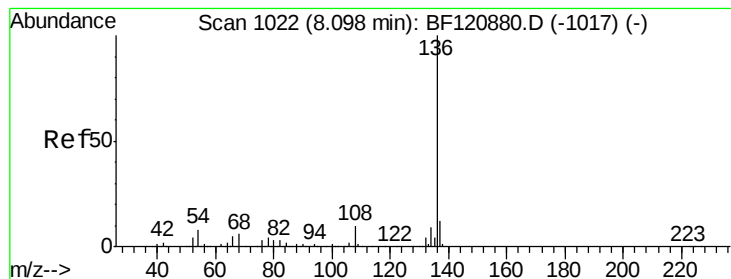
Tot Ion:	70	Resp:	284152
Ion	Ratio	Lower	Upper
70	100		
42	56.0	44.0	66.0
101	9.6	7.8	11.6
130	21.9	18.7	28.1



#20
3+4-Methylphenols
Concen: 32.108 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion:	107	Resp:	417844
Ion	Ratio	Lower	Upper
107	100		
108	87.6	72.8	112.8
77	108.6	68.7	108.7
79	25.4	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

Tot Ion:136 Resp: 642086

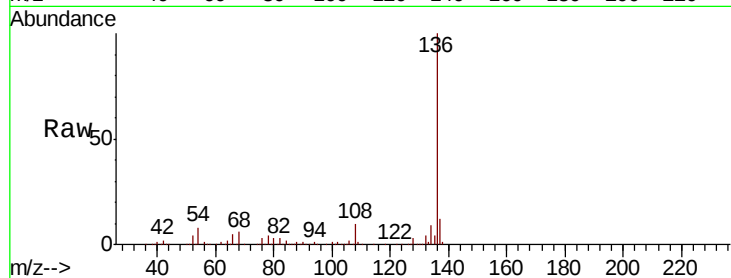
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 7.5 6.3 9.5

68 5.9 5.0 7.4

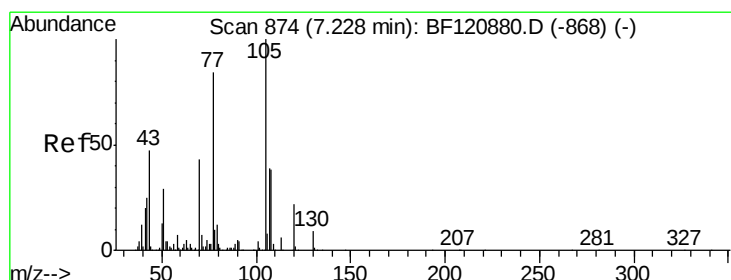
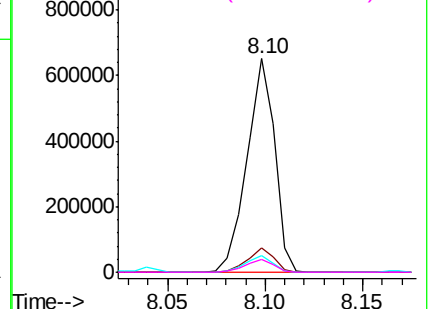
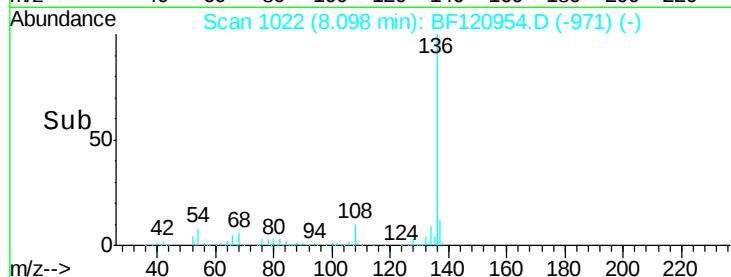


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.453 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Tgt Ion:105 Resp: 568526

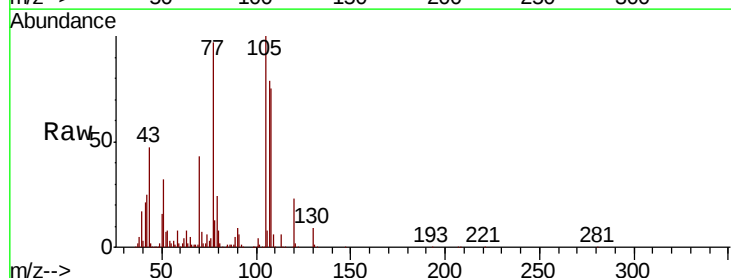
Ion Ratio Lower Upper

105 100

71 7.4 5.7 8.5

51 32.5 22.9 34.3

120 22.8 18.0 27.0

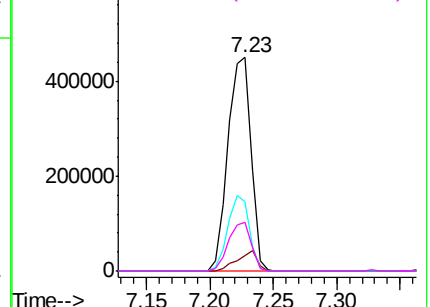
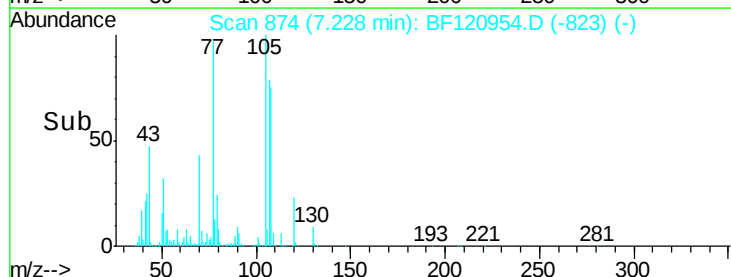


Abundance Ion 105.00 (104.70 to 105.70): E

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

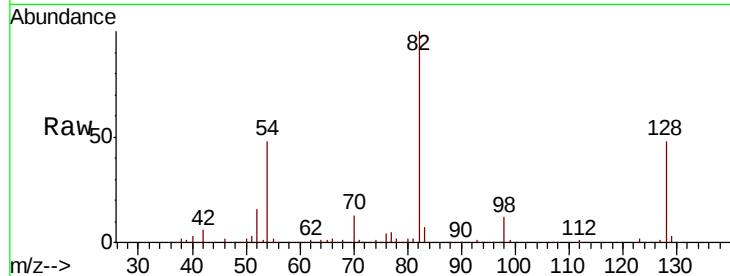




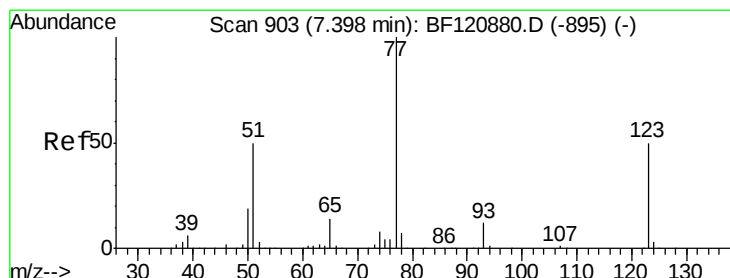
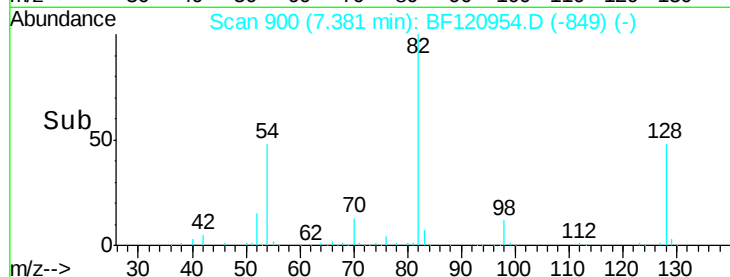
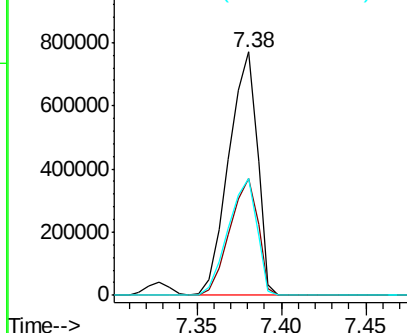
#23
 Nitrobenzene-d5
 Concen: 81.979 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

Tot Ion	82	Resp	909691
Ion Ratio	100	Lower	Upper
128	47.9	38.2	57.4
54	47.8	38.7	58.1

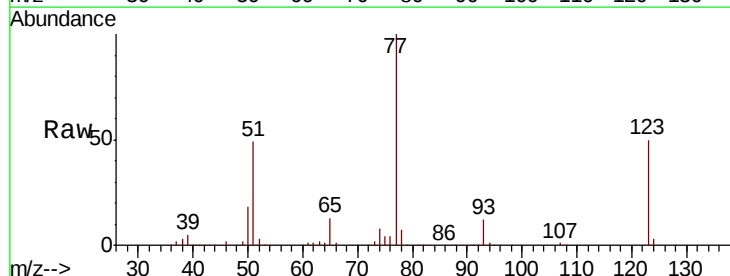


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

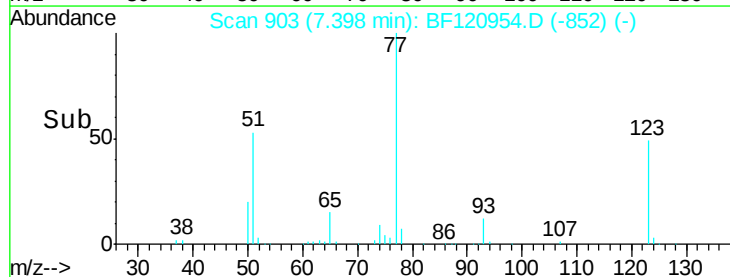
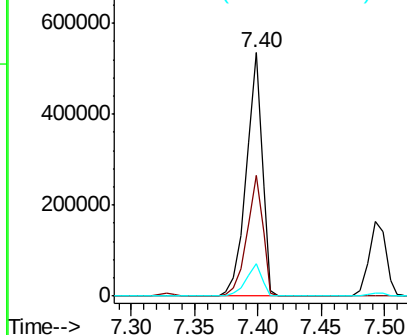


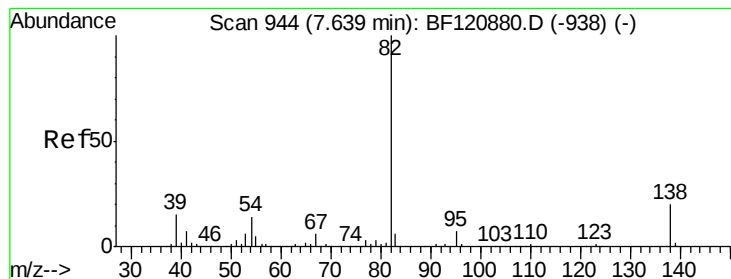
#24
 Nitrobenzene
 Concen: 38.931 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion	77	Resp	465619
Ion Ratio	100	Lower	Upper
123	49.5	40.1	60.1
65	13.3	10.8	16.2



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





#25

Isophorone

Concen: 38.437 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

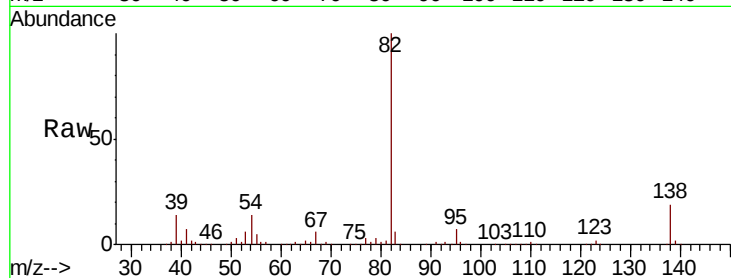
Tot Ion: 82 Resp: 851252

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

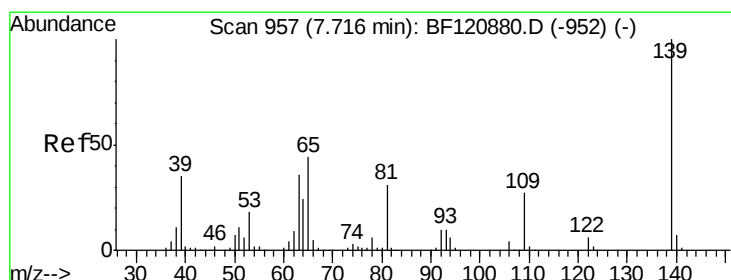
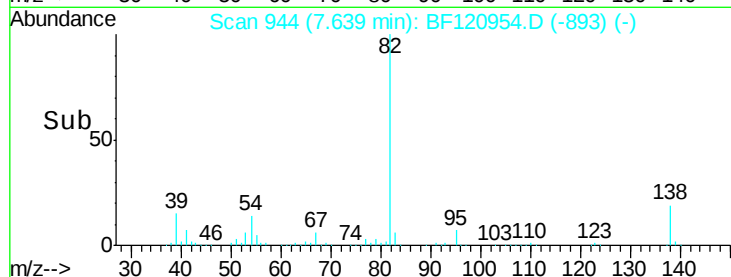
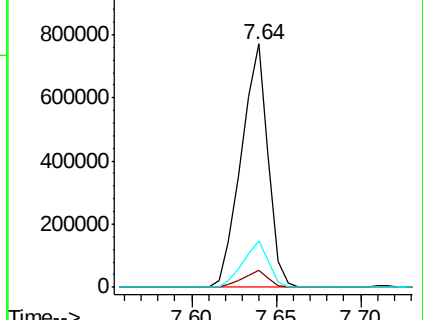
138 19.2 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.722 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

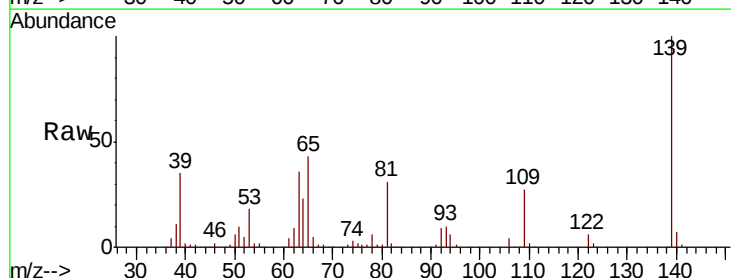
Tgt Ion: 139 Resp: 242669

Ion Ratio Lower Upper

139 100

109 26.7 21.6 32.4

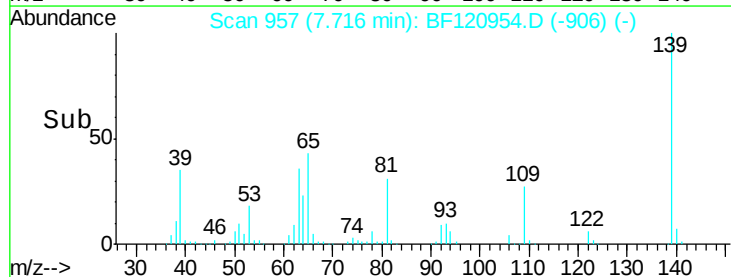
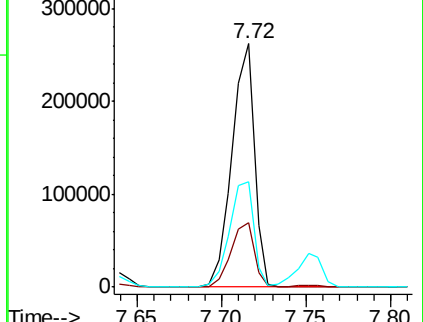
65 43.4 35.3 52.9

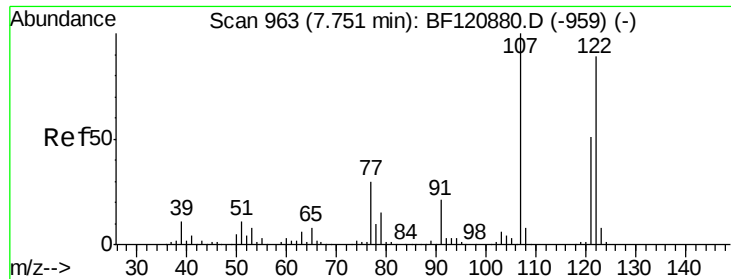


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

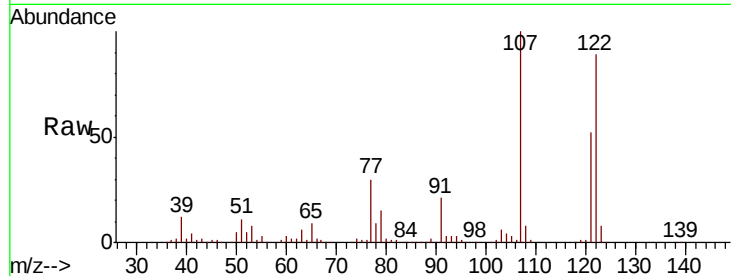




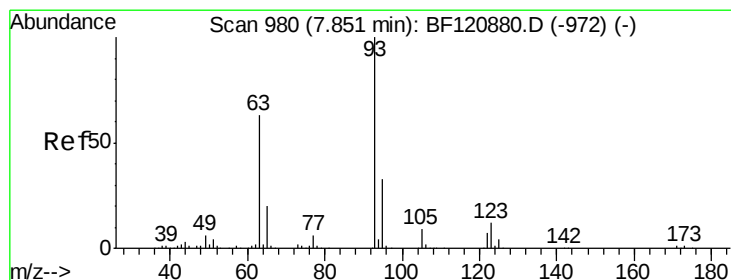
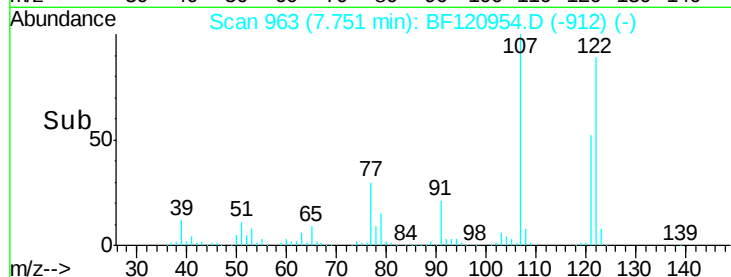
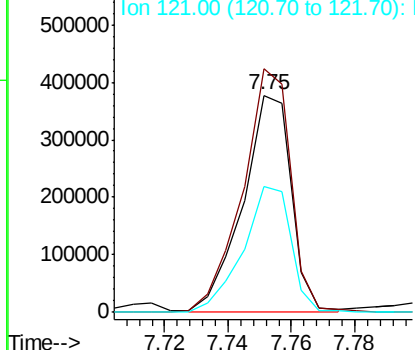
#27
 2,4-Dimethylphenol
 Concen: 43.703 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

Tot Ion:122 Resp: 403048
 Ion Ratio Lower Upper
 122 100
 107 112.2 89.4 134.0
 121 58.0 46.0 69.0

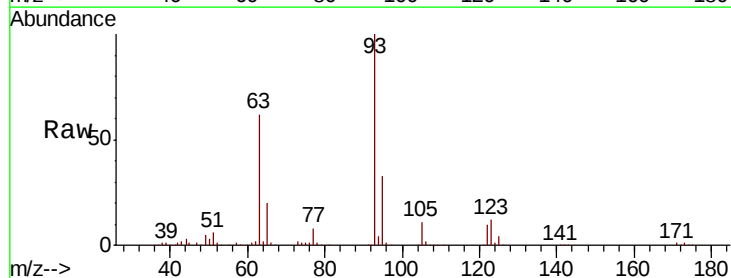


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

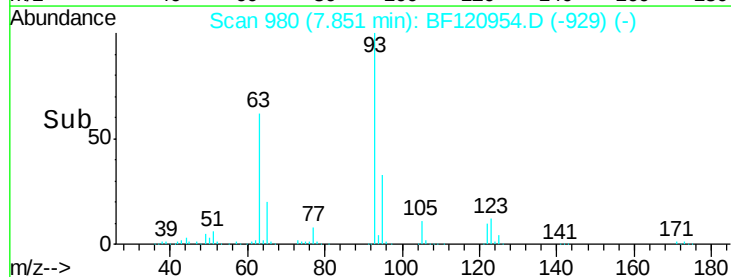
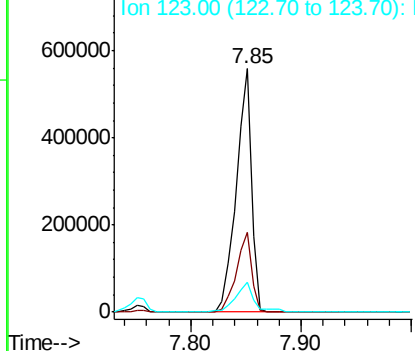


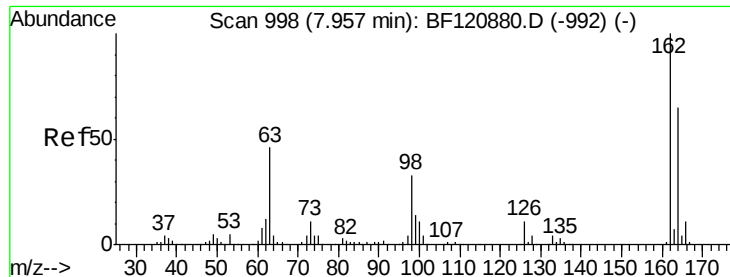
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.342 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion: 93 Resp: 545374
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.6 39.8
 123 12.5 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

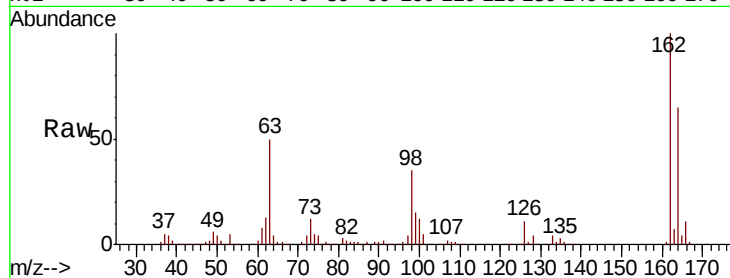




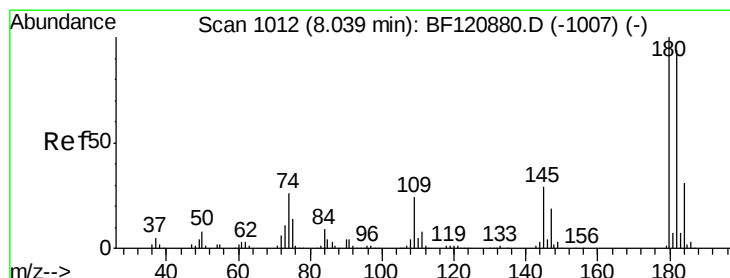
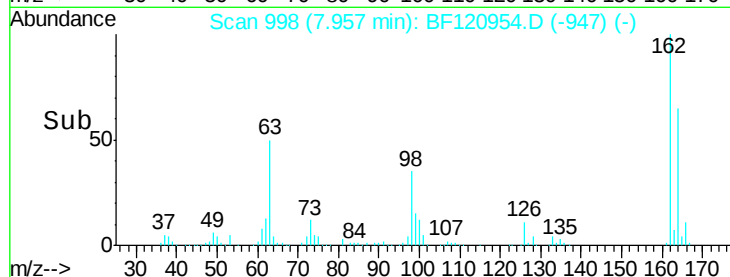
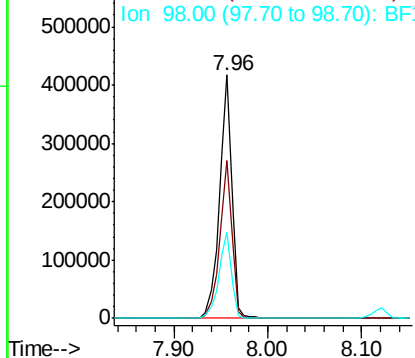
#29
 2,4-Dichlorophenol
 Concen: 40.720 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

Tot Ion:162 Resp: 383742
 Ion Ratio Lower Upper
 162 100
 164 64.9 45.3 85.3
 98 35.4 13.3 53.3

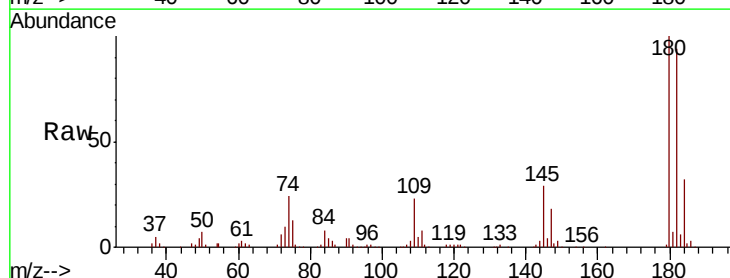


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

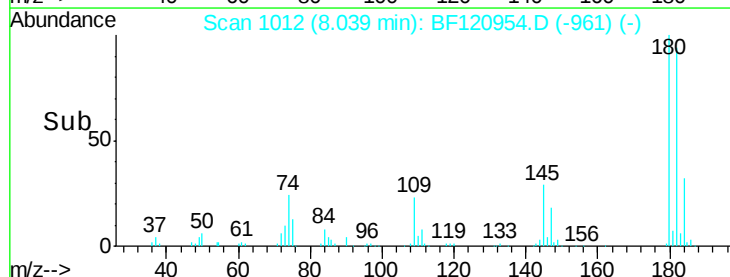
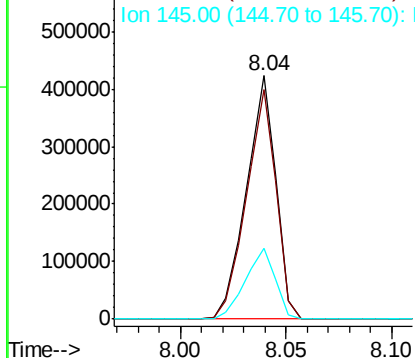


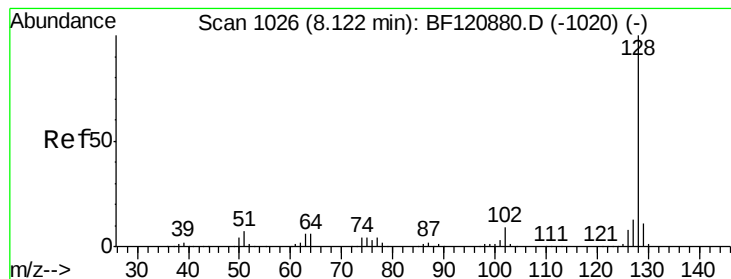
#30
 1,2,4-Trichlorobenzene
 Concen: 39.329 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion:180 Resp: 411204
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.0 112.6
 145 29.3 23.5 35.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.880 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

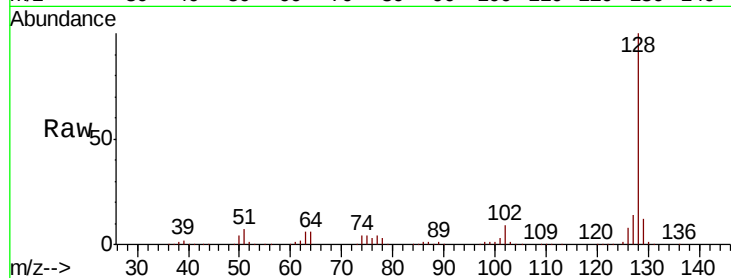
Tot Ion:128 Resp: 1280549

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

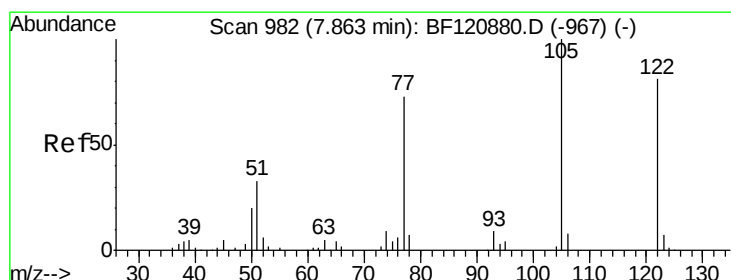
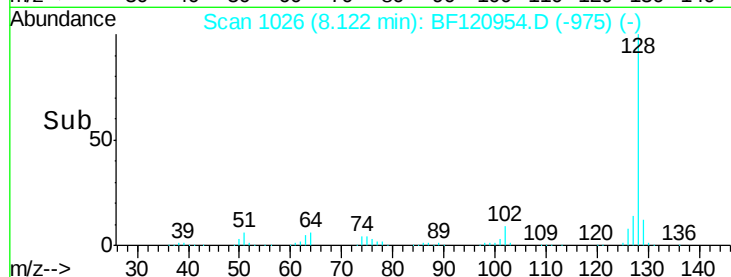
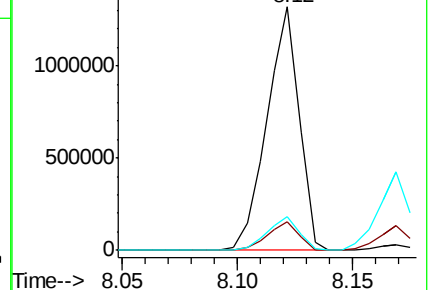
127 13.7 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.333 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

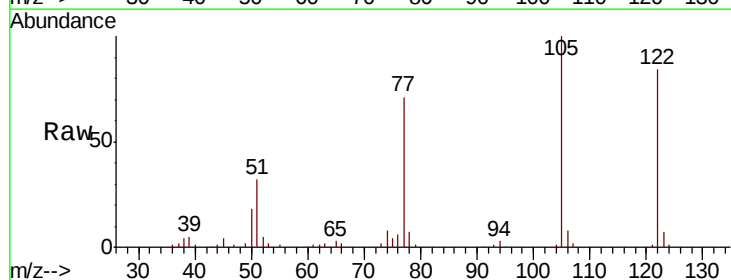
Tgt Ion:122 Resp: 279221

Ion Ratio Lower Upper

122 100

105 118.7 101.3 141.3

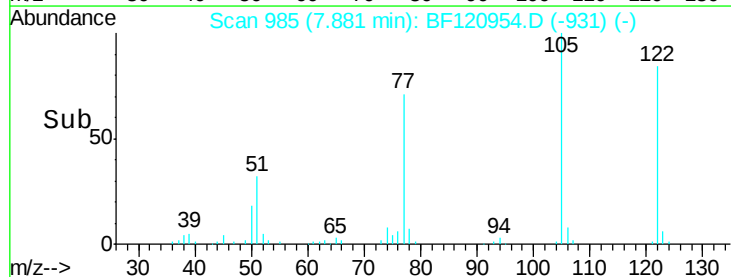
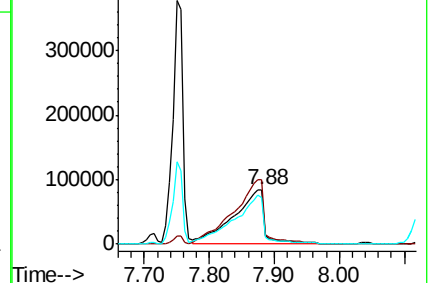
77 84.8 69.1 109.1

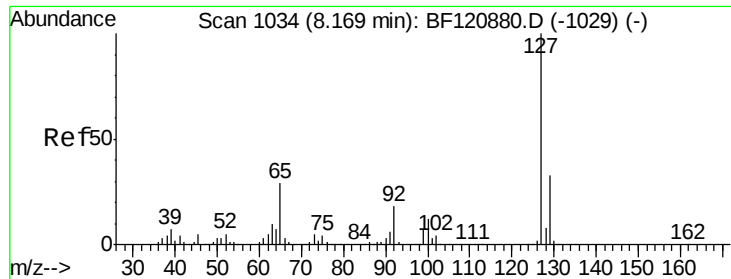


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

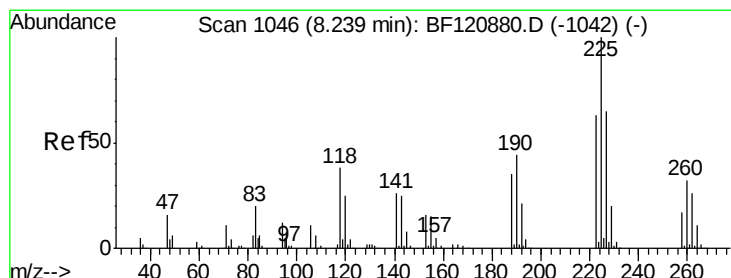
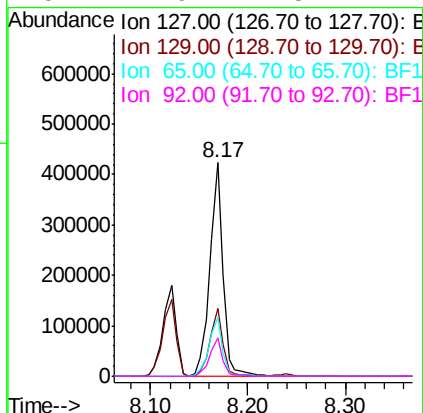
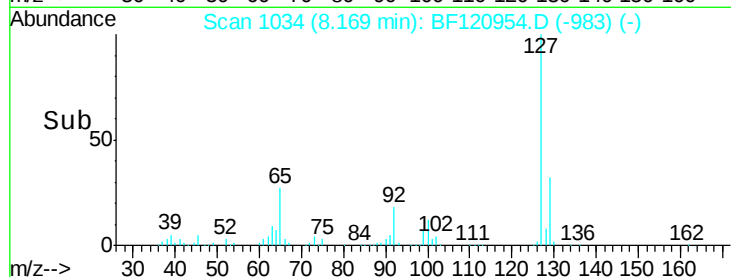
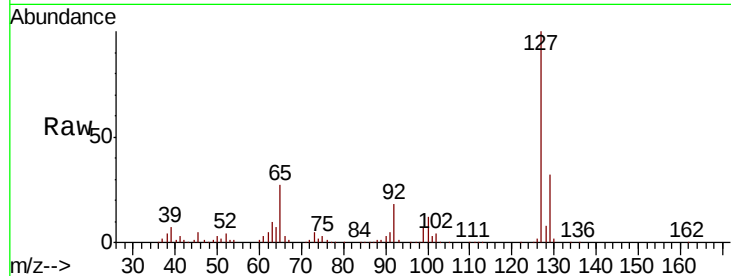




#33
4-Chloroaniline
Concen: 27.084 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

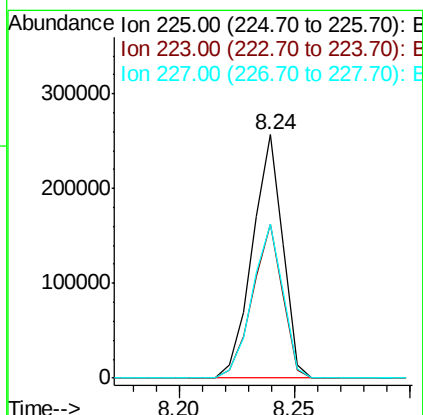
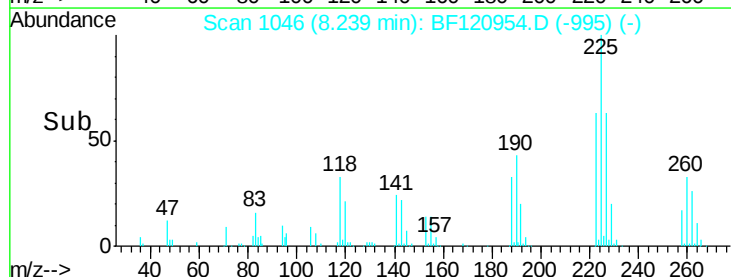
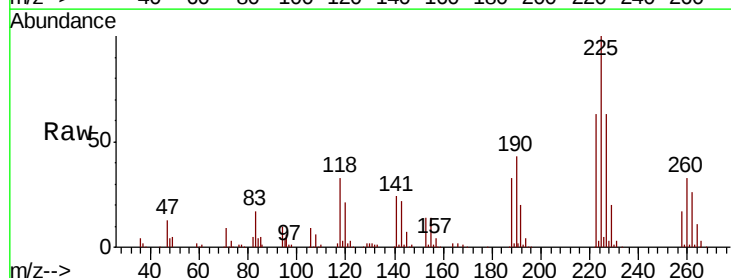
Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion:	127	Resp:	397933
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.5	39.7
65	27.4	23.0	34.4
92	17.9	14.5	21.7



#34
Hexachlorobutadiene
Concen: 38.170 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion:	225	Resp:	235267
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.4	52.2	78.2

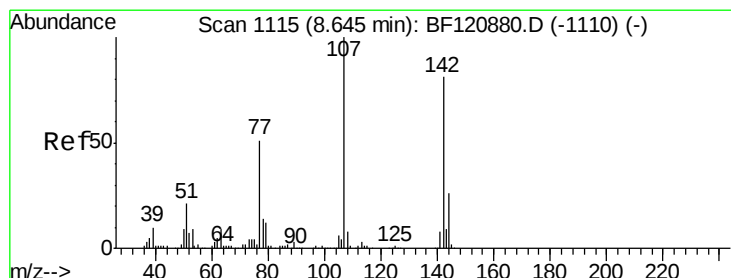
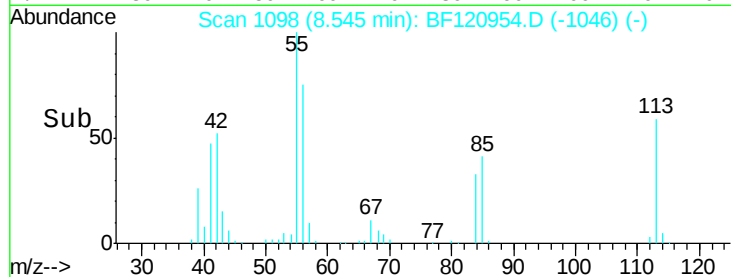
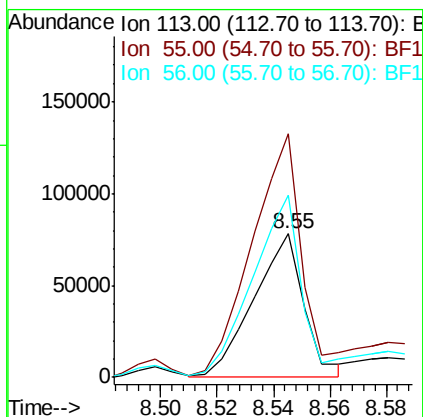
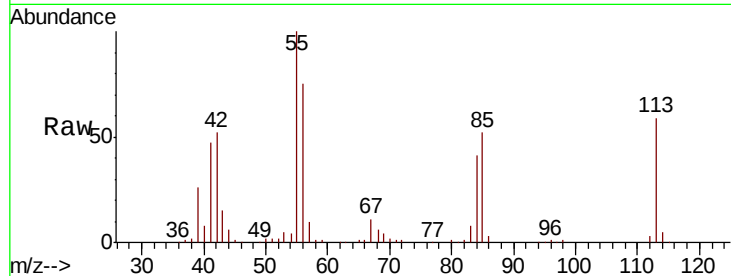




#35
 Caprolactam
 Concen: 32.062 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

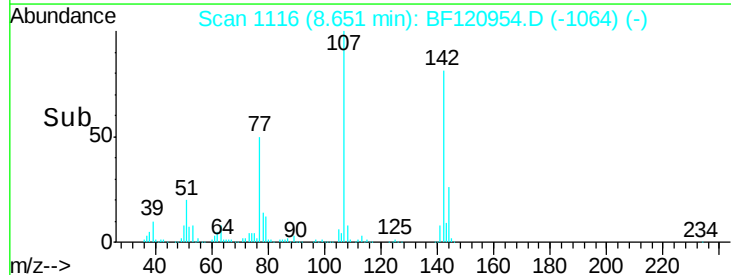
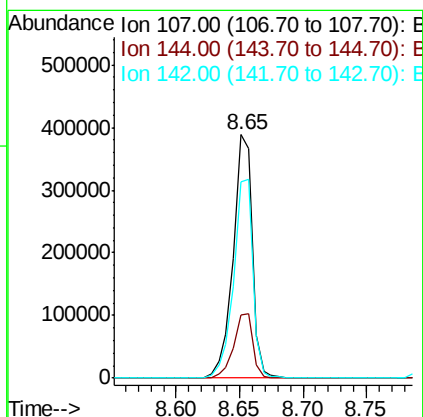
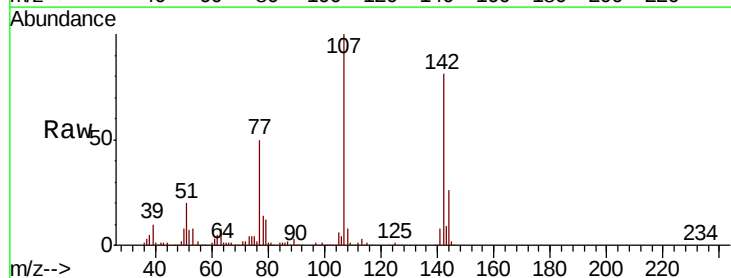
Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

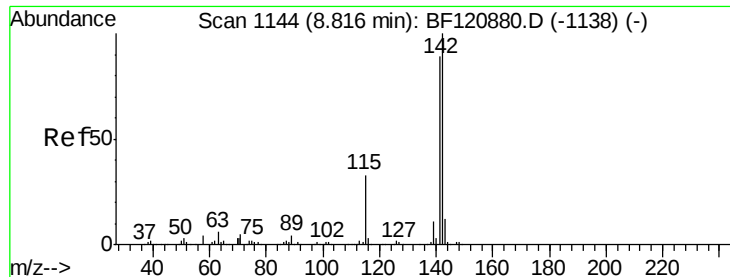
Tot Ion:113 Resp: 96896
 Ion Ratio Lower Upper
 113 100
 55 169.6 143.3 183.3
 56 126.8 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.659 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion:107 Resp: 402644
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.0 31.6
 142 80.6 65.0 97.6

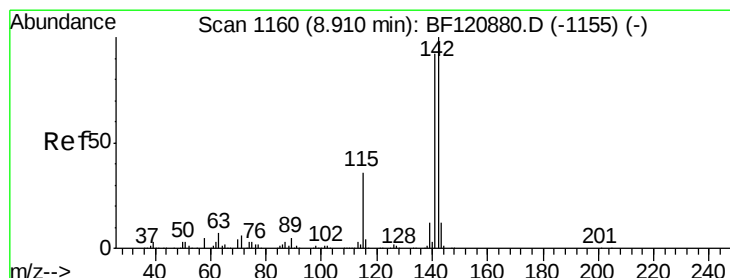
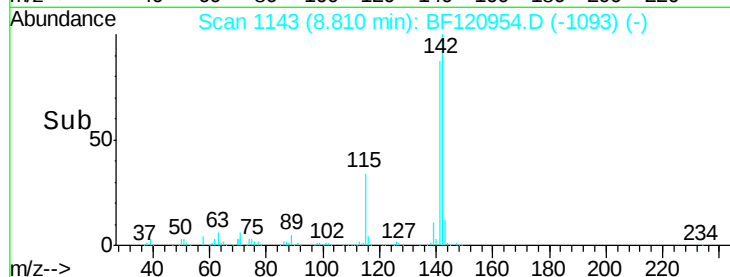
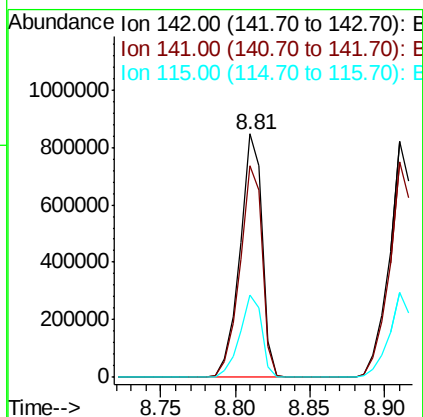
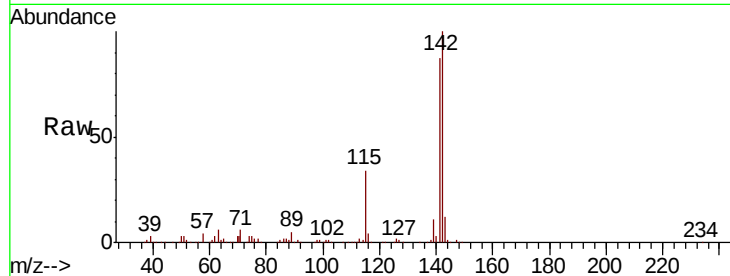




#37
2-Methylnaphthalene
Concen: 40.810 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

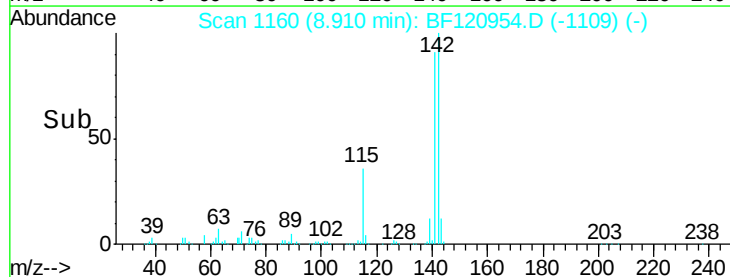
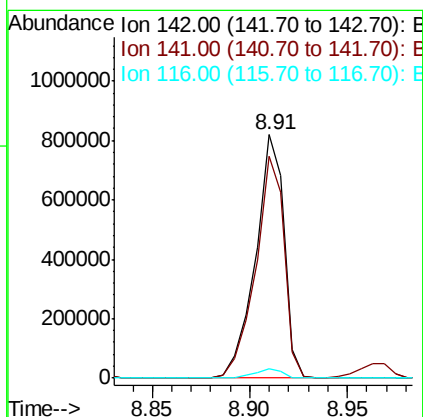
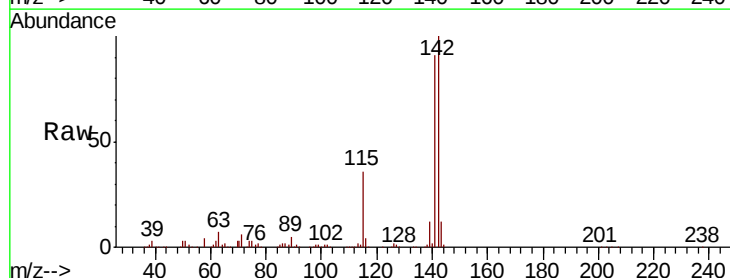
Instrument :
BNA_F
ClientSampled :
PB130359BS

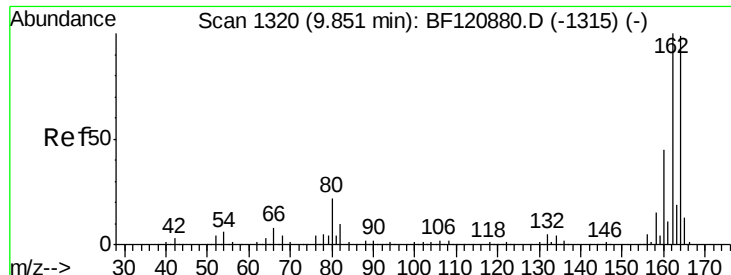
Tot Ion:142 Resp: 872731
Ion Ratio Lower Upper
142 100
141 87.1 71.0 106.4
115 34.1 26.0 39.0



#38
1-Methylnaphthalene
Concen: 40.764 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion:142 Resp: 825643
Ion Ratio Lower Upper
142 100
141 91.3 73.7 110.5
116 3.8 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: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

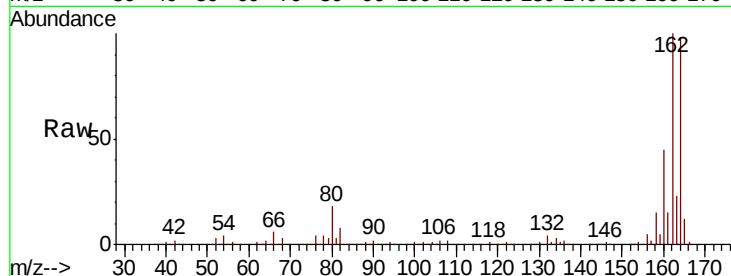
Tot Ion:164 Resp: 343123

Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

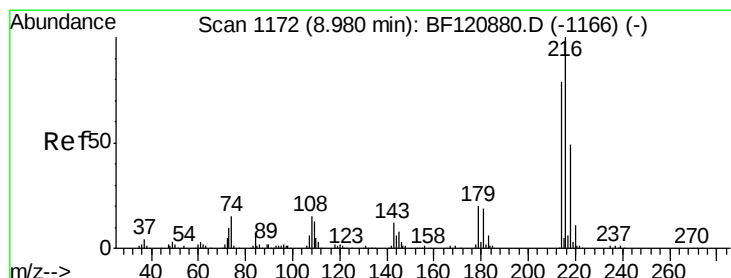
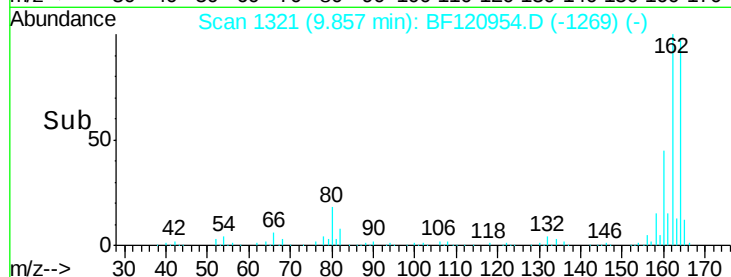
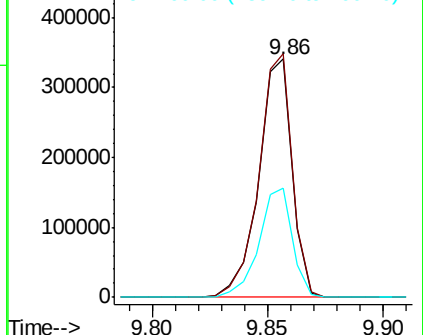
160 46.1 36.9 55.3



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: 38.176 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Tgt Ion:216 Resp: 381650

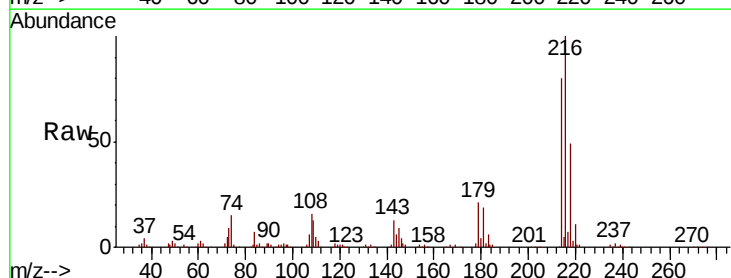
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.8

179 20.7 16.6 24.8

108 21.0 15.4 23.0

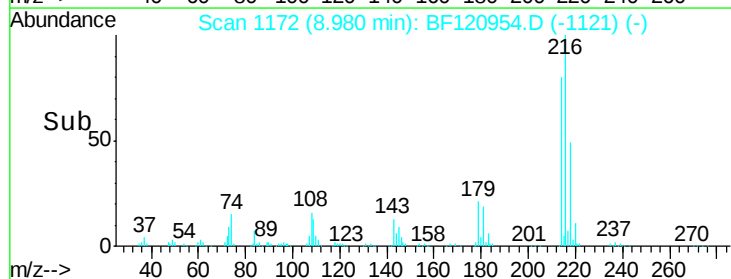
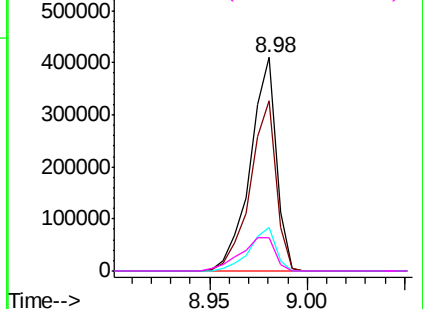


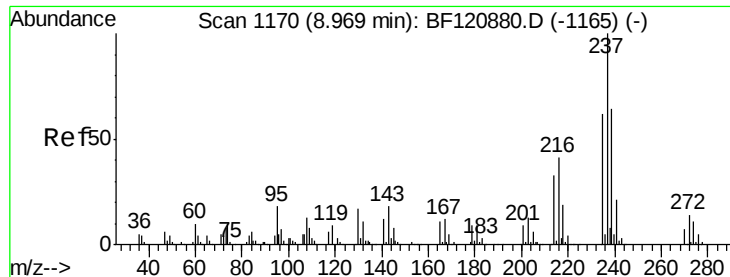
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.053 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

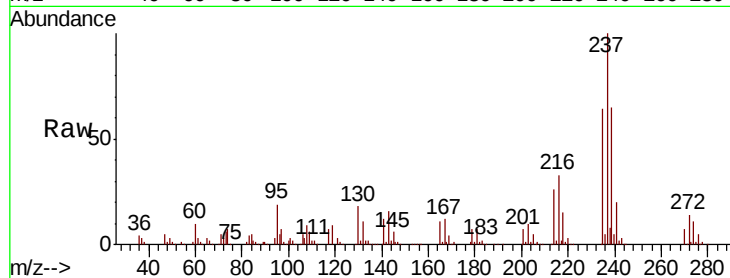
Tot Ion:237 Resp: 458887

Ion Ratio Lower Upper

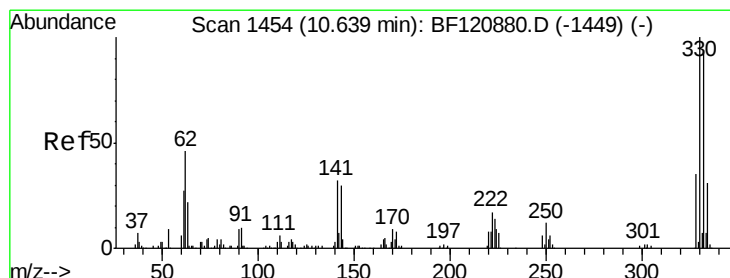
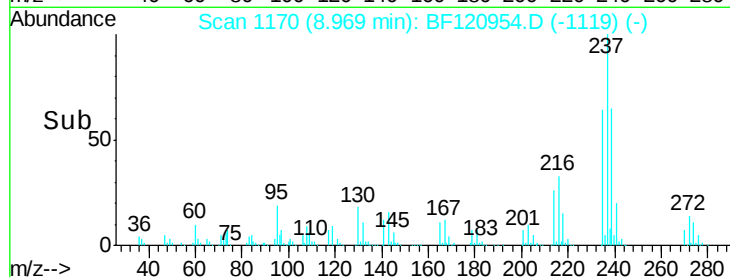
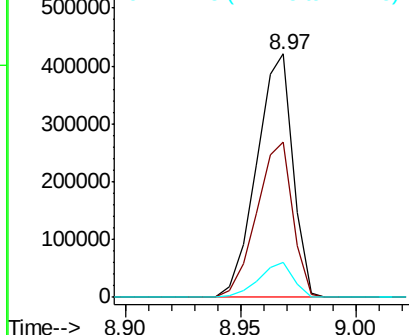
237 100

235 63.6 41.6 81.6

272 14.2 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: 81.180 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

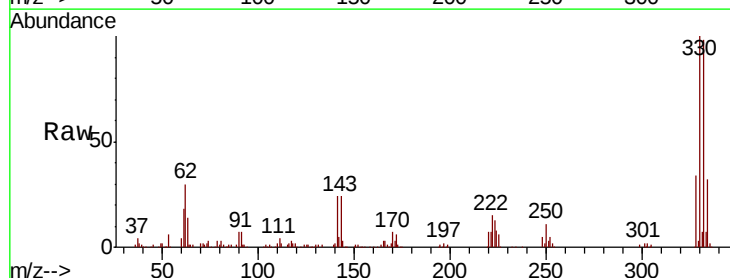
Tgt Ion:330 Resp: 304899

Ion Ratio Lower Upper

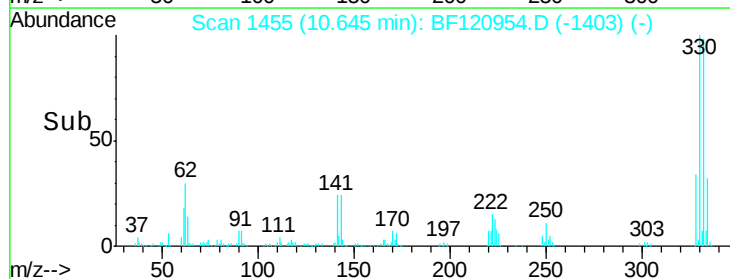
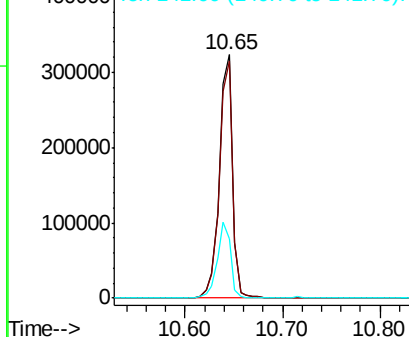
330 100

332 97.0 75.5 113.3

141 31.6 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

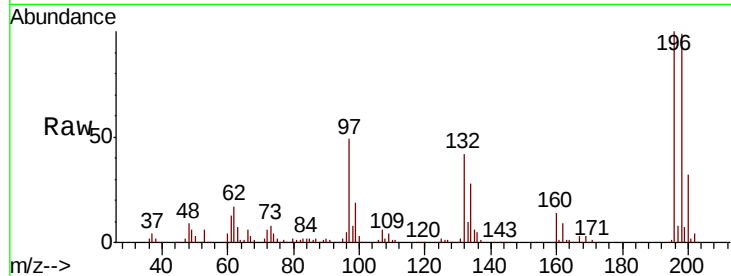




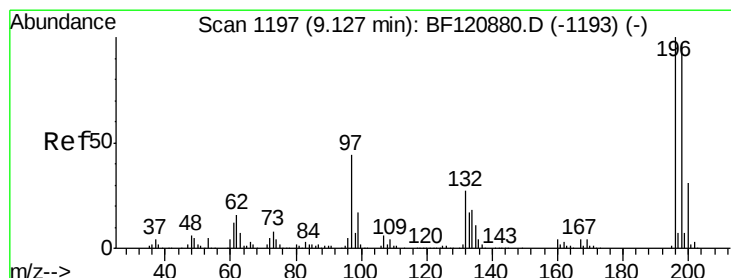
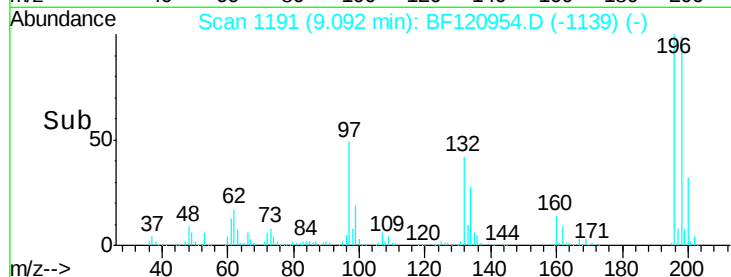
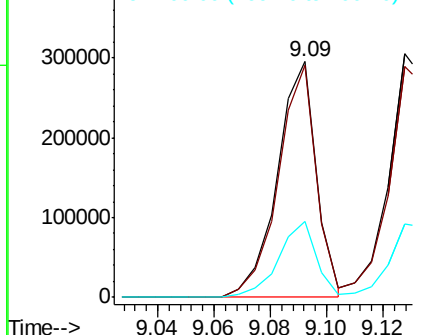
#43
 2,4,6-Trichlorophenol
 Concen: 40.045 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

Tot Ion:196 Resp: 281874
 Ion Ratio Lower Upper
 196 100
 198 98.5 75.7 113.5
 200 32.1 24.4 36.6

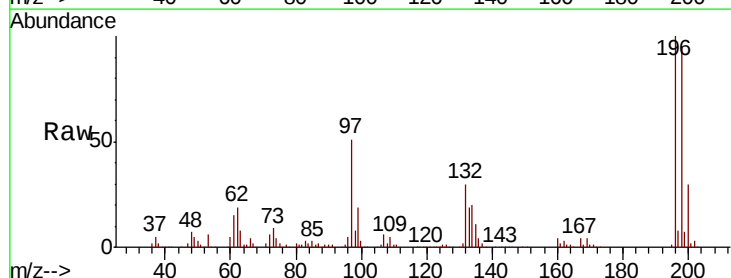


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

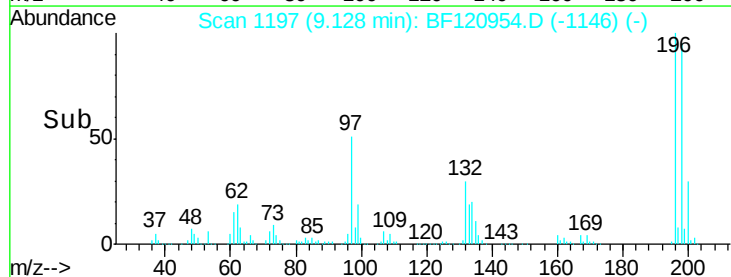
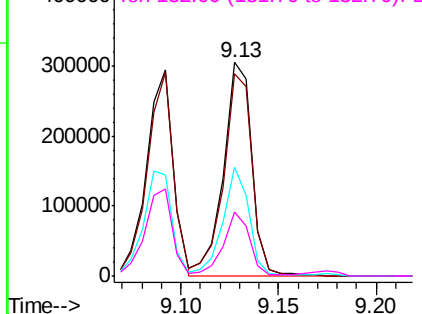


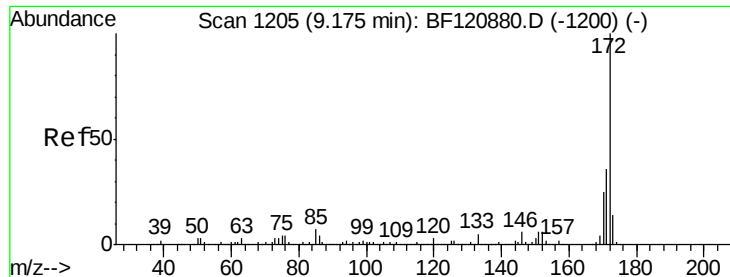
#44
 2,4,5-Trichlorophenol
 Concen: 38.375 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion:196 Resp: 306403
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.6 116.4
 97 50.8 35.6 53.4
 132 29.7 21.5 32.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

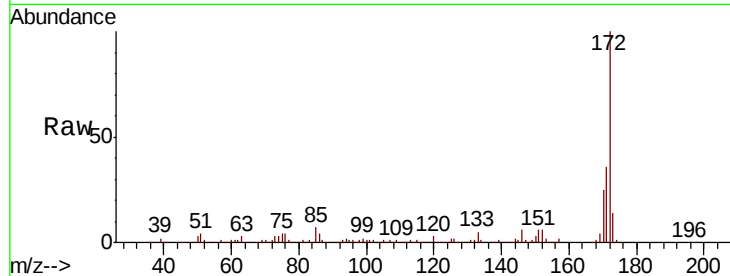




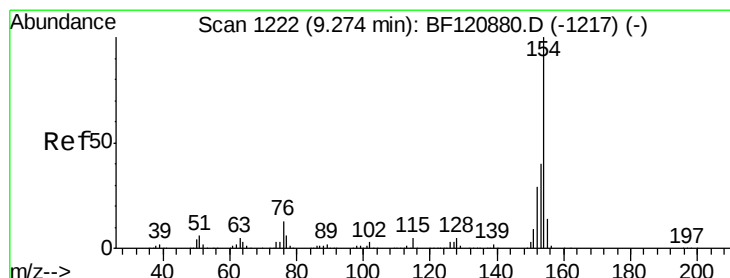
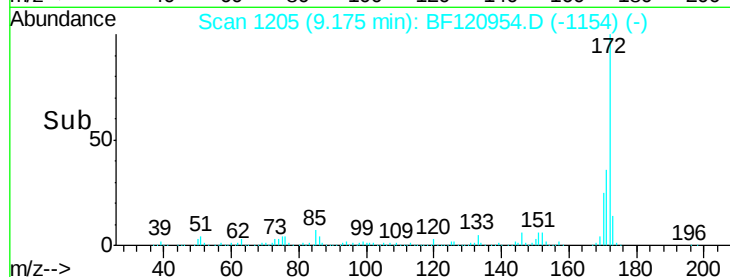
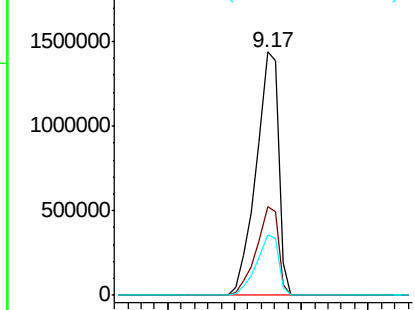
#45
2-Fluorobiphenyl
Concen: 72.265 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion:172 Resp: 1660766
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 24.7 19.6 29.4

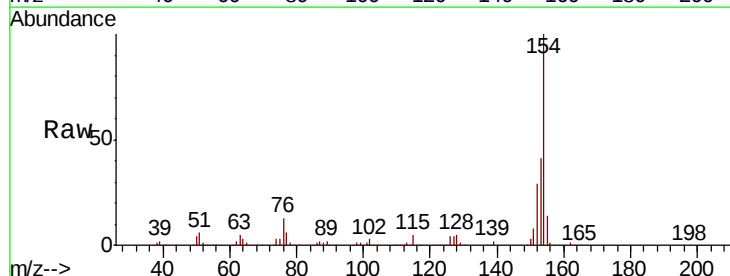


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

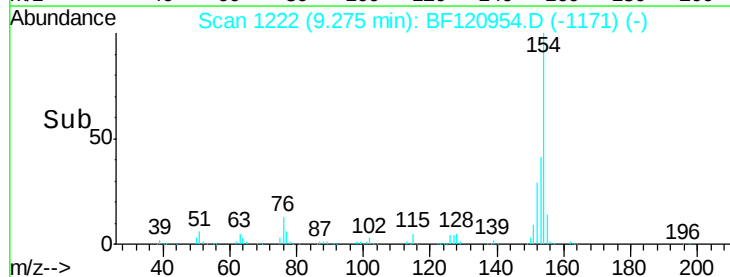
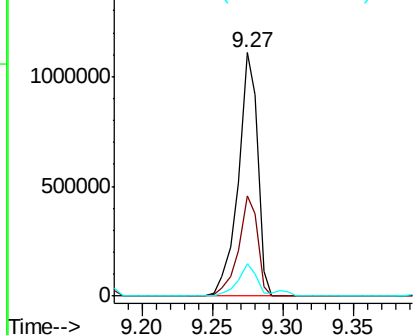


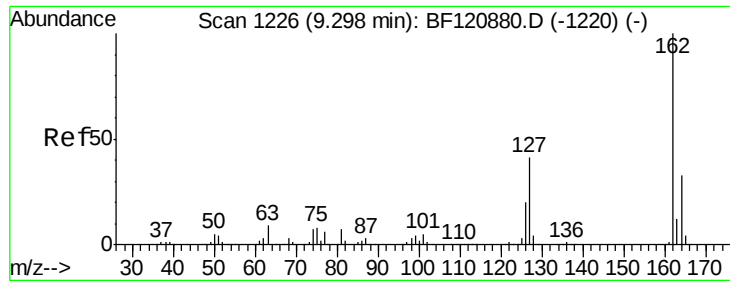
#46
1,1'-Biphenyl
Concen: 40.346 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion:154 Resp: 1056004
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 13.3 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

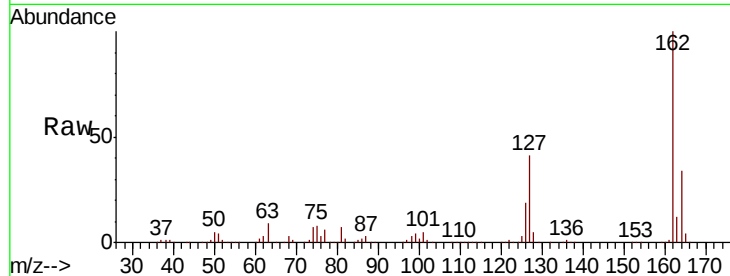




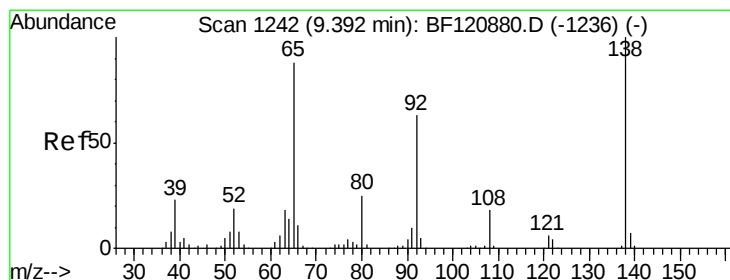
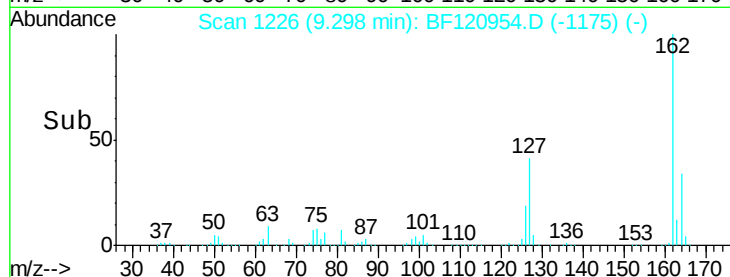
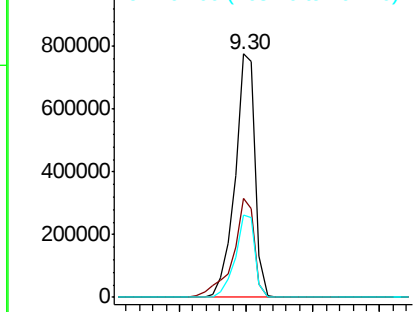
#47
 2-Chloronaphthalene
 Concen: 38.127 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

Tot Ion:162 Resp: 813603
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.3 49.9
 164 33.6 26.6 39.8

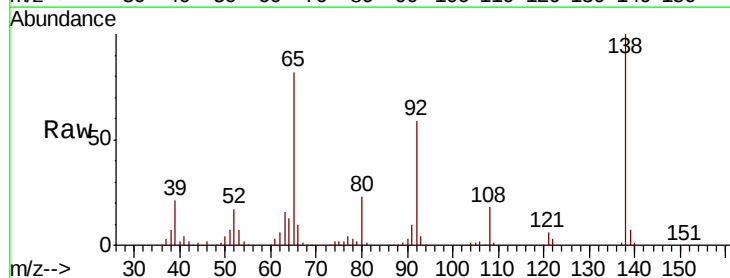


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

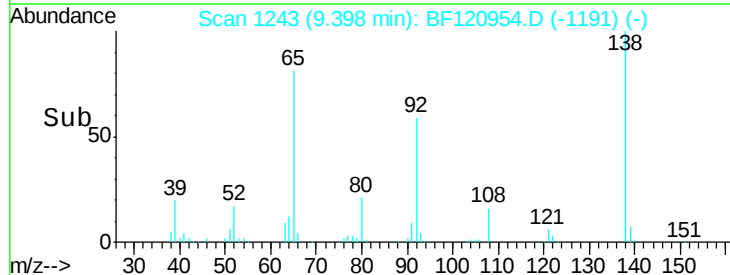
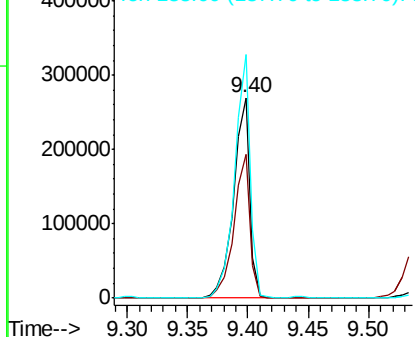


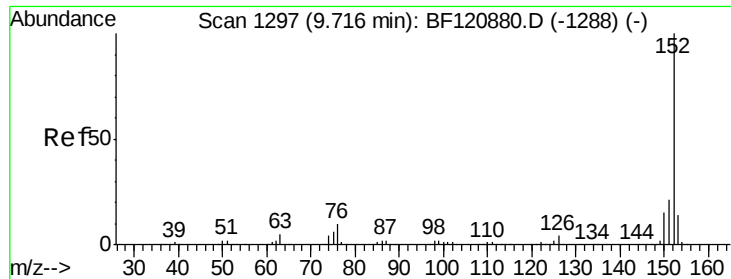
#48
 2-Nitroaniline
 Concen: 39.318 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion: 65 Resp: 253556
 Ion Ratio Lower Upper
 65 100
 92 71.8 57.0 85.4
 138 121.5 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: 39.388 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

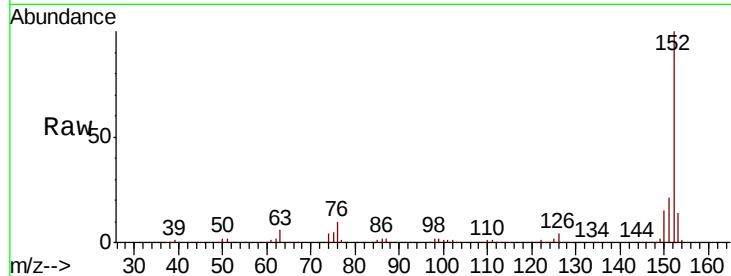
Tot Ion:152 Resp: 1305741

Ion Ratio Lower Upper

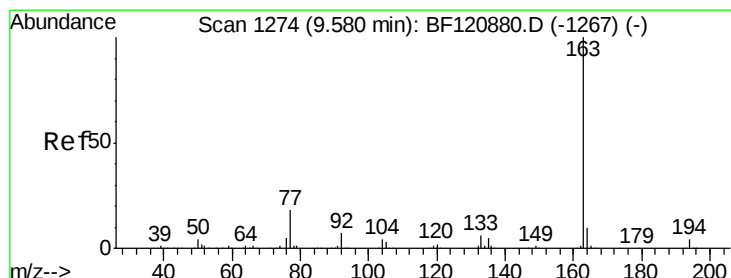
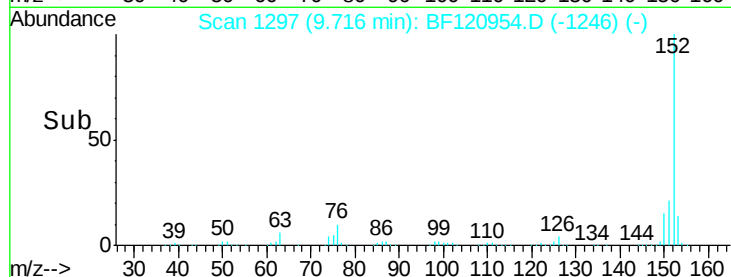
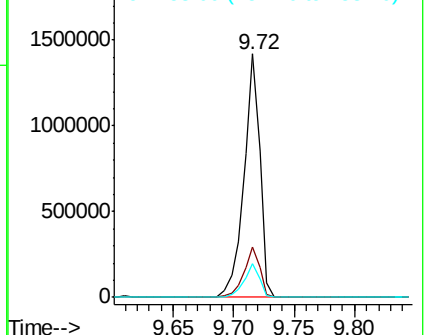
152 100

151 20.9 16.6 25.0

153 13.7 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: 39.231 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

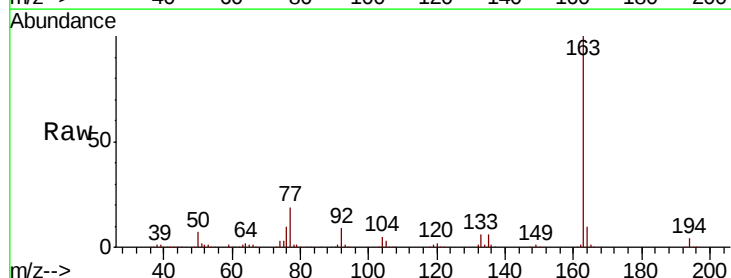
Tgt Ion:163 Resp: 971120

Ion Ratio Lower Upper

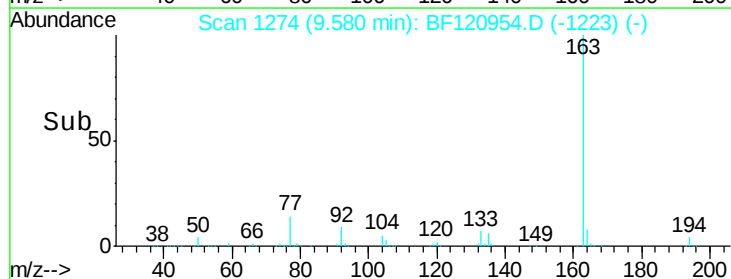
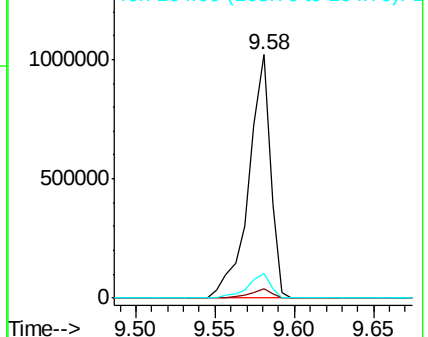
163 100

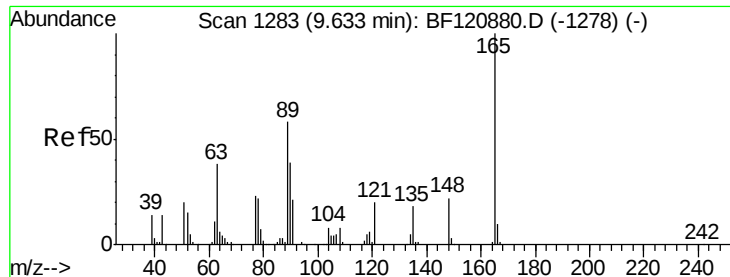
194 3.9 3.2 4.8

164 10.2 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: 40.945 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

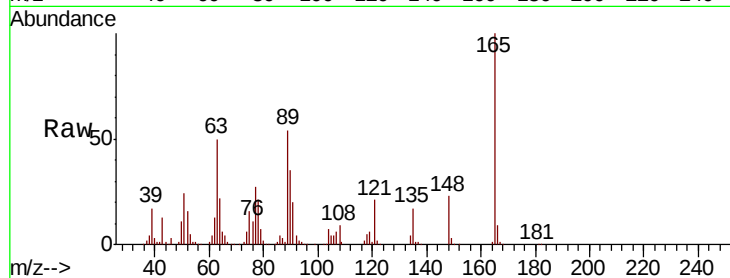
Tot Ion:165 Resp: 217755

Ion Ratio Lower Upper

165 100

63 50.4 45.4 68.2

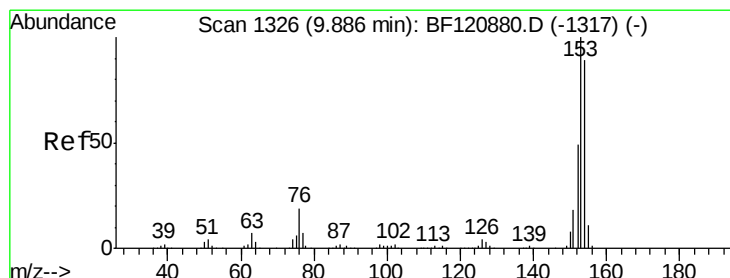
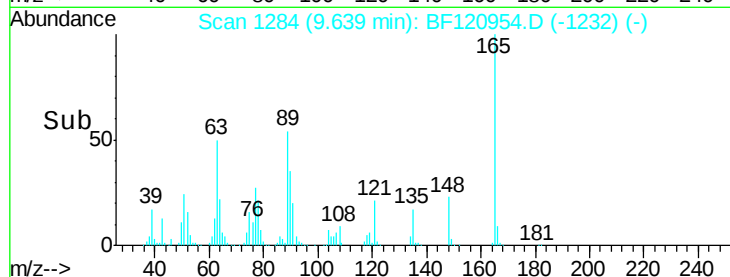
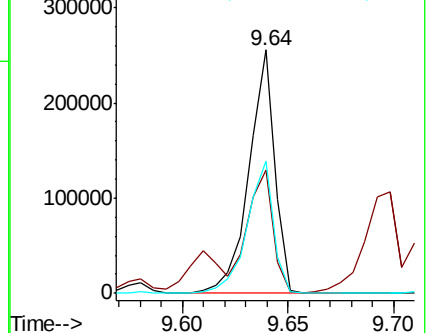
89 54.2 47.0 70.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 36.839 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

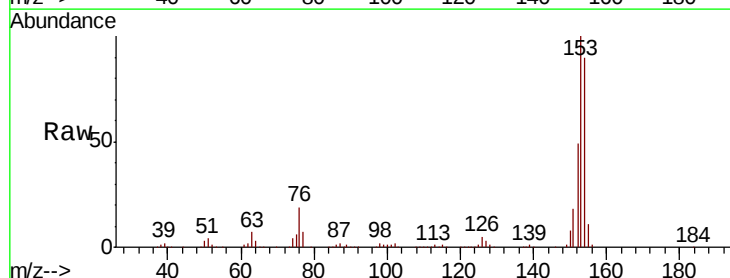
Tgt Ion:154 Resp: 776441

Ion Ratio Lower Upper

154 100

153 111.6 89.5 134.3

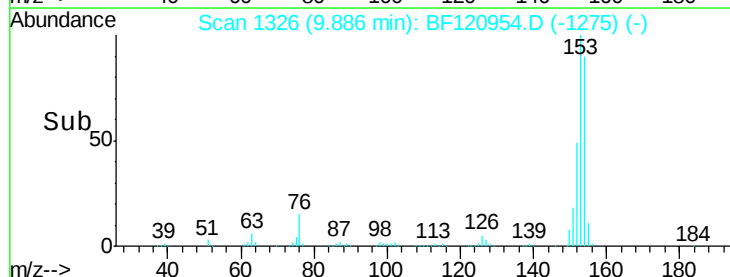
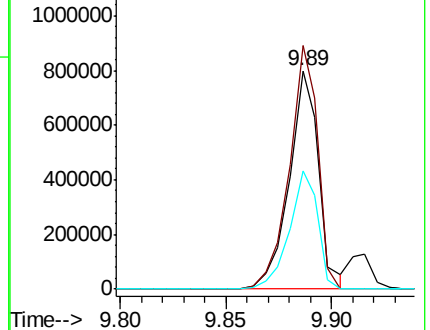
152 54.3 44.2 66.2

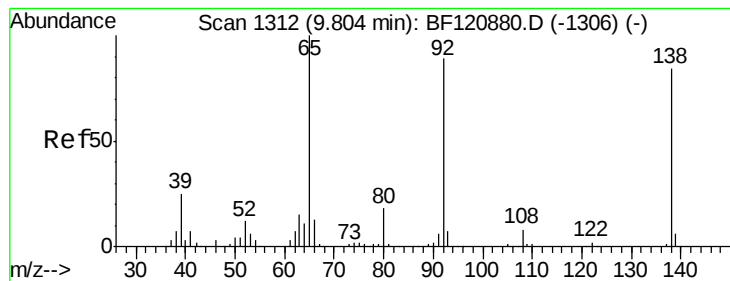


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.040 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

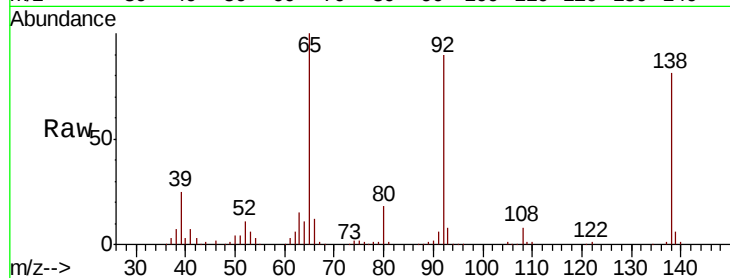
Tot Ion:138 Resp: 167017

Ion Ratio Lower Upper

138 100

108 9.6 7.9 11.9

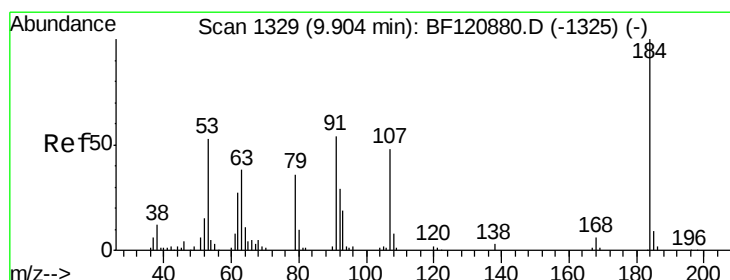
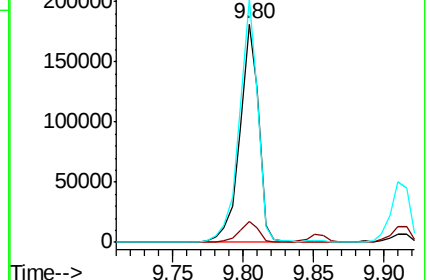
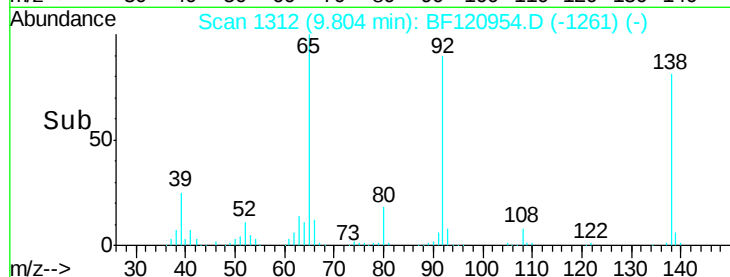
92 111.4 85.3 127.9



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: 69.168 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

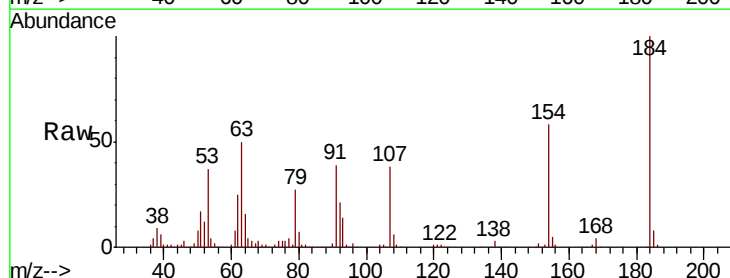
Tgt Ion:184 Resp: 208639

Ion Ratio Lower Upper

184 100

63 50.0 57.9 86.9#

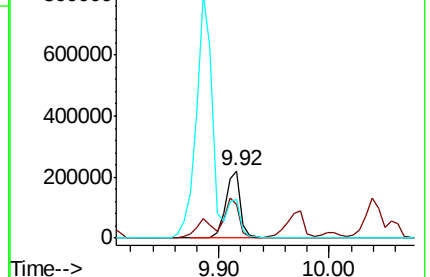
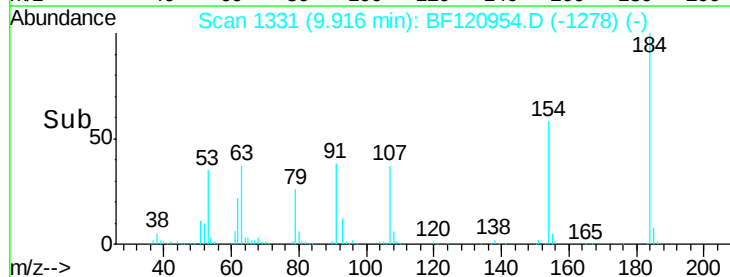
154 58.0 52.6 78.8

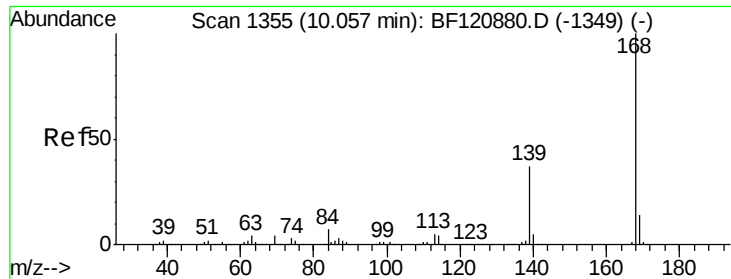


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

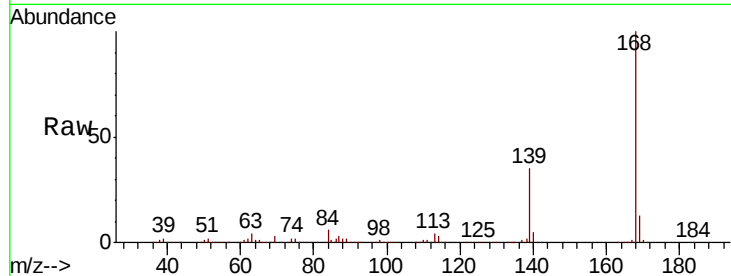




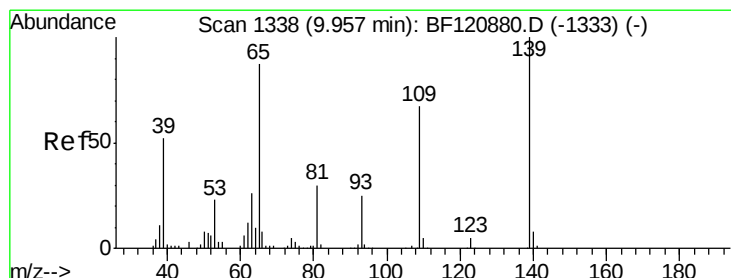
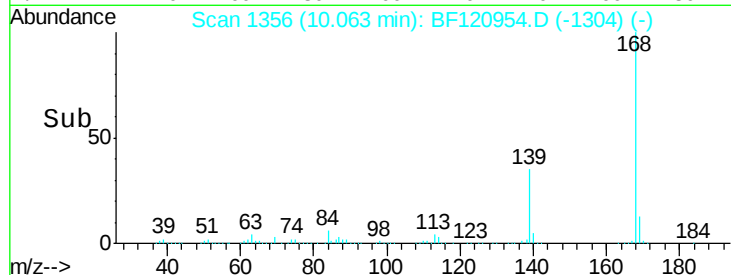
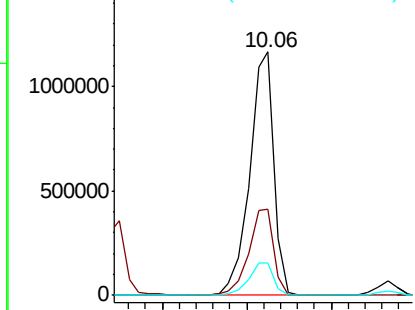
#55
Dibenzenofuran
Concen: 38.328 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion:168 Resp: 1168189
Ion Ratio Lower Upper
168 100
139 35.3 29.7 44.5
169 13.4 11.1 16.7

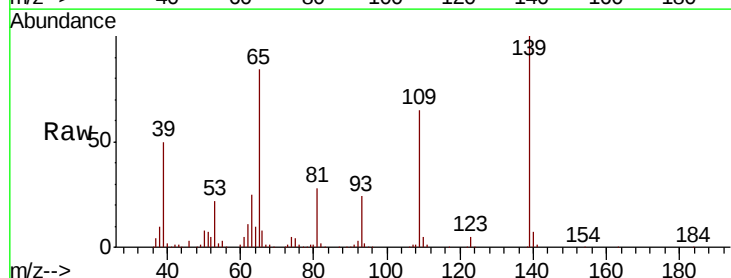


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

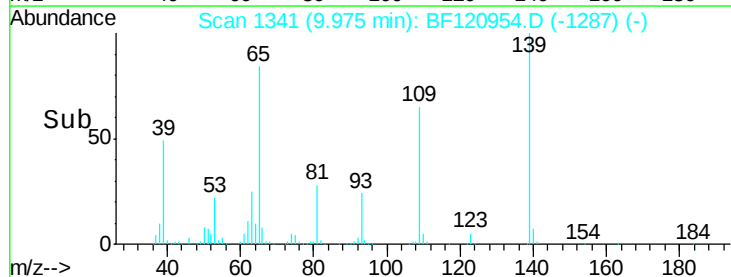
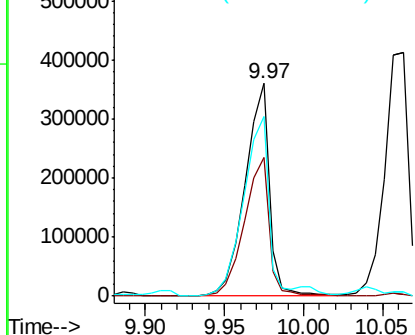


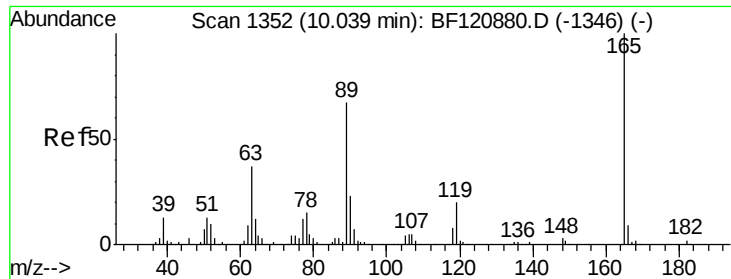
#56
4-Nitrophenol
Concen: 75.861 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion:139 Resp: 384364
Ion Ratio Lower Upper
139 100
109 65.2 47.3 87.3
65 84.3 67.2 107.2



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

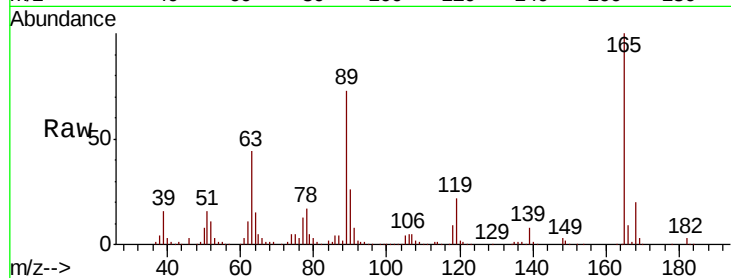




#57
2,4-Dinitrotoluene
Concen: 42.208 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.2	29.4	44.2#
89	73.4	53.4	80.0
182	2.5	1.8	2.6

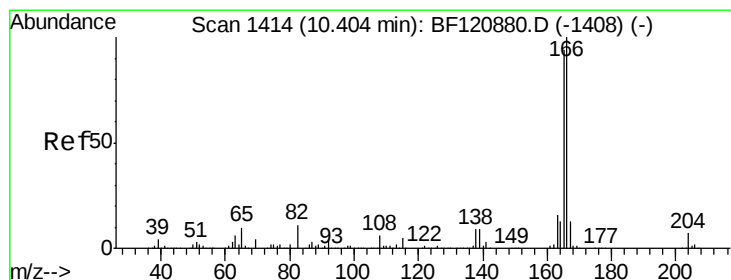
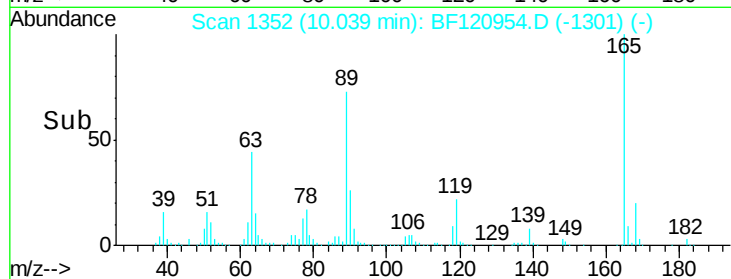
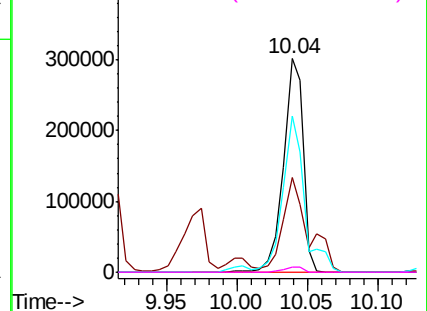


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

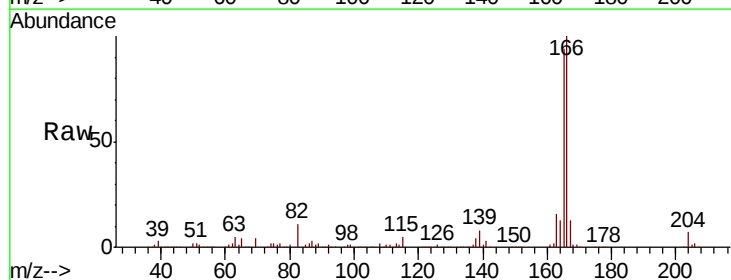
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.476 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

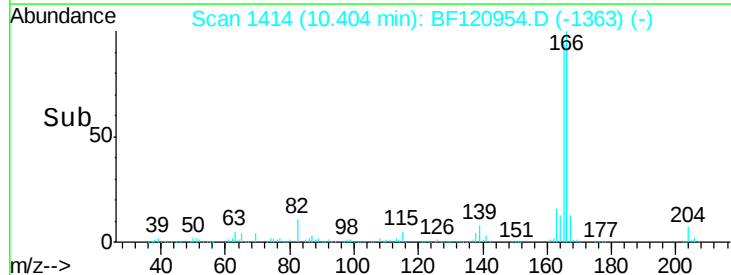
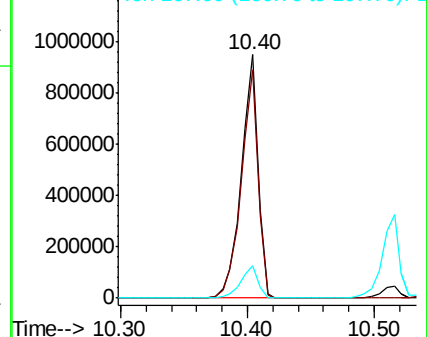
Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.6	75.4	113.0
167	13.4	10.6	15.8

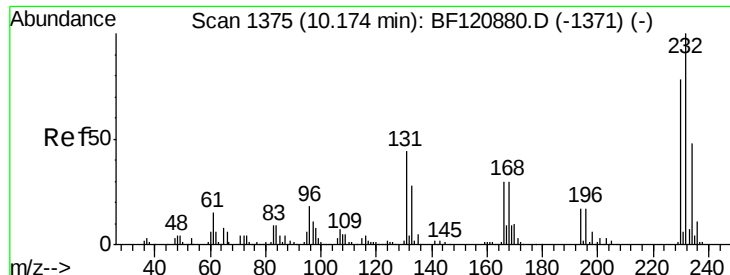


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

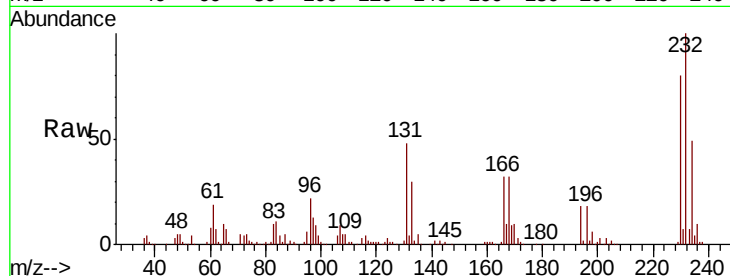




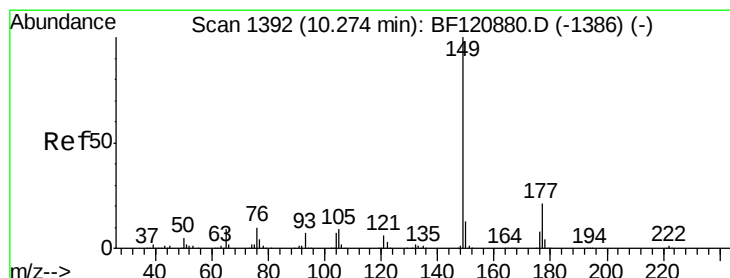
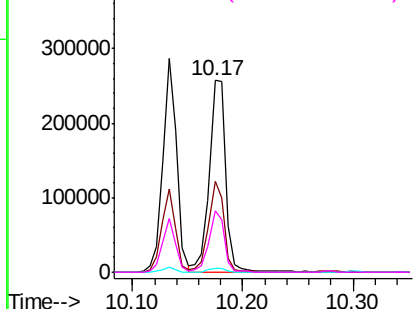
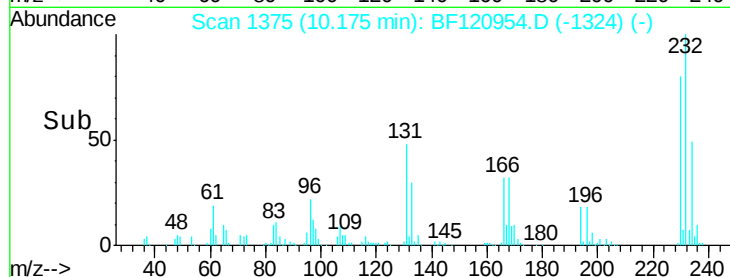
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.419 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	37.1	55.7
130	2.1	1.7	2.5
166	30.3	24.2	36.4

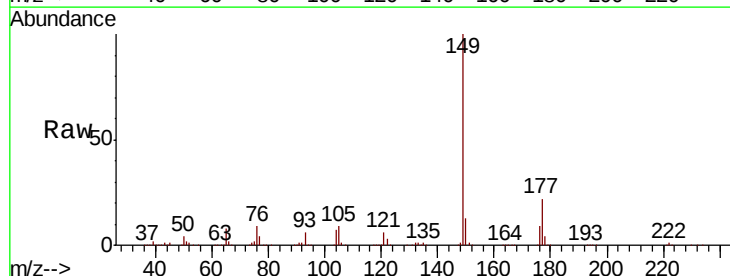


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

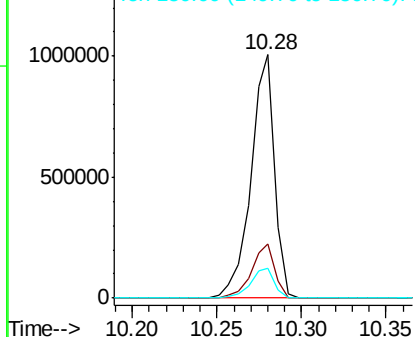
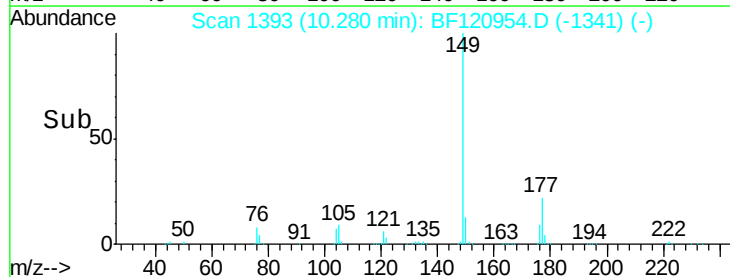


#60
 Diethylphthalate
 Concen: 39.328 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.1	25.7
150	12.5	10.3	15.5



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

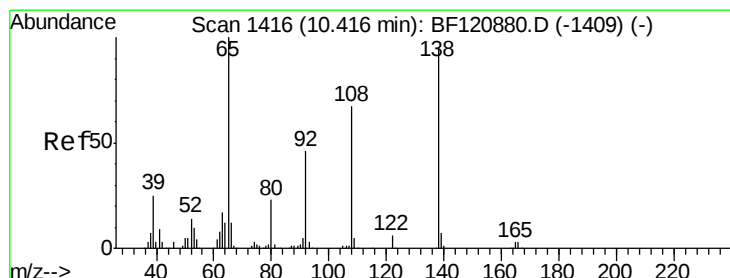
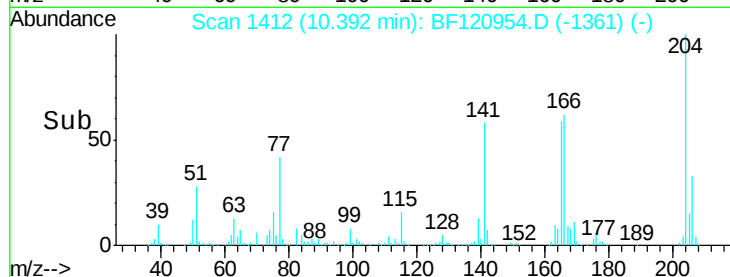
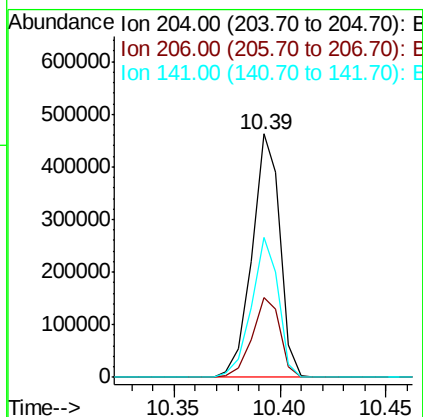
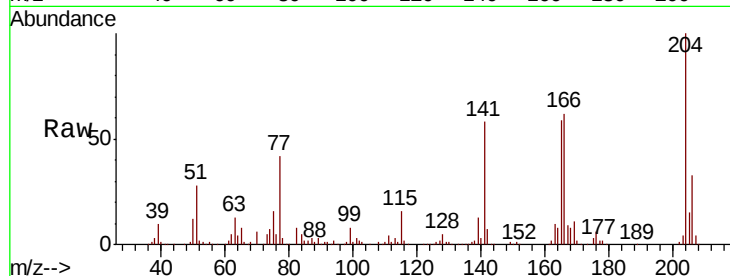




#61
4-Chlorophenyl-phenylether
Concen: 34.997 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

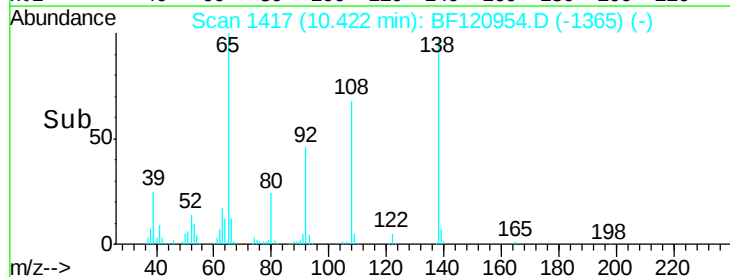
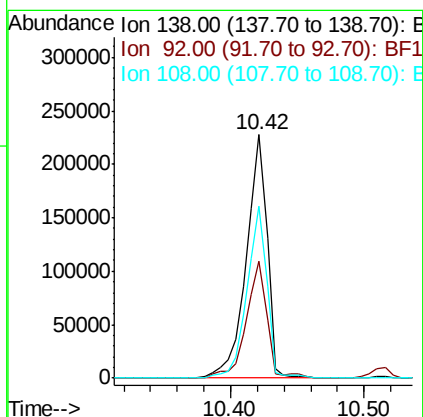
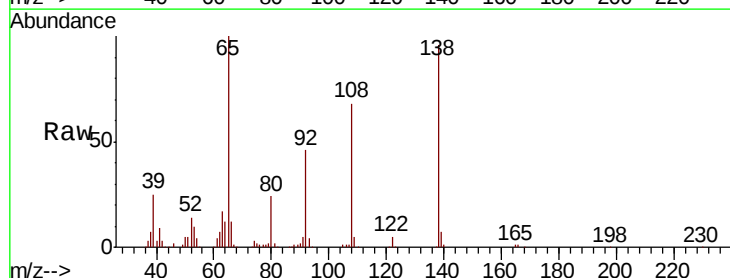
Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion:204 Resp: 424324
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 57.7 47.2 70.8



#62
4-Nitroaniline
Concen: 37.570 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion:138 Resp: 244102
Ion Ratio Lower Upper
138 100
92 47.9 28.6 68.6
108 70.4 51.1 91.1





#63

Azobenzene

Concen: 38.548 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

Tot Ion: 77 Resp: 918868

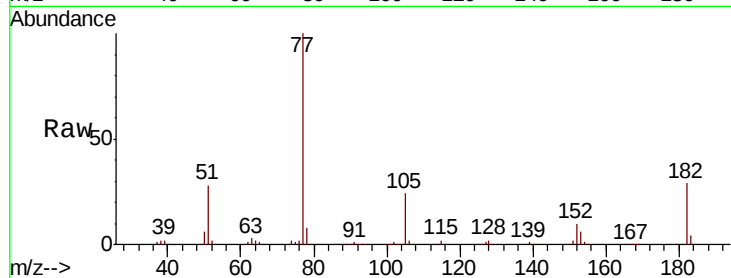
Ion Ratio Lower Upper

77 100

182 28.6 7.8 47.8

105 24.3 4.4 44.4

51 27.7 8.0 48.0

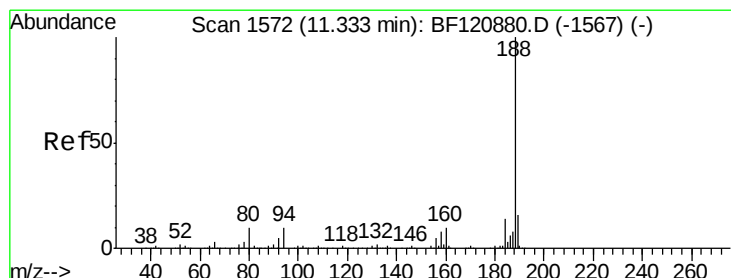
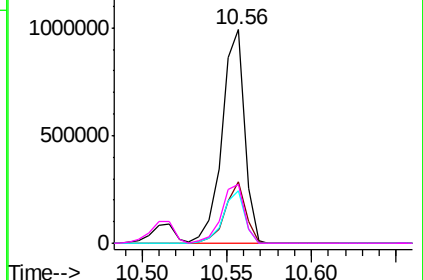
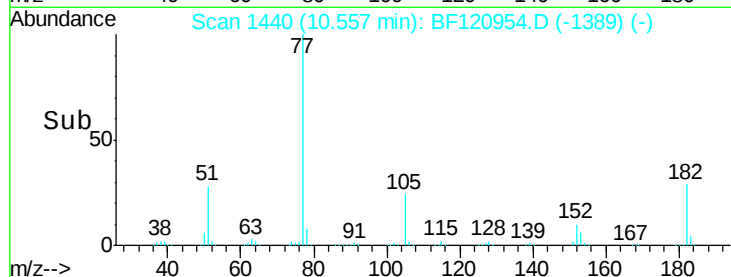


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF120954.D

Acq: 21 Jul 2020 15:12

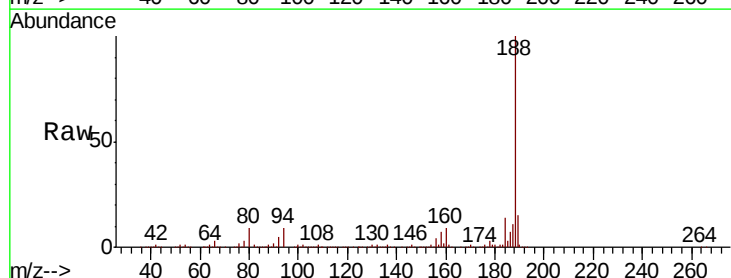
Tgt Ion: 188 Resp: 655000

Ion Ratio Lower Upper

188 100

94 8.5 8.0 12.0

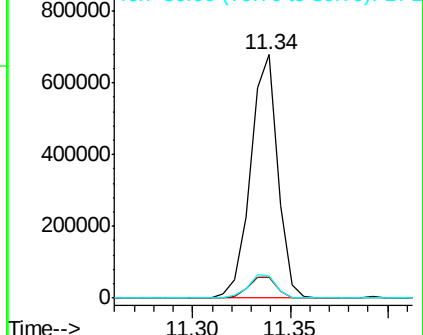
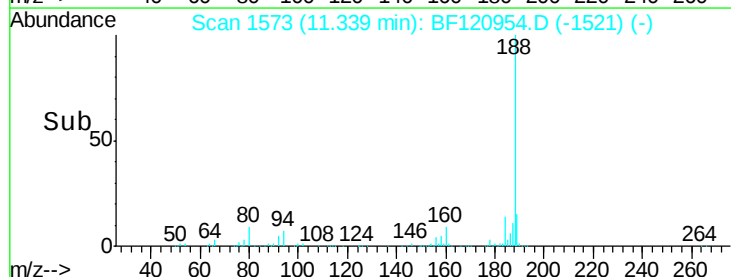
80 9.0 8.3 12.5



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

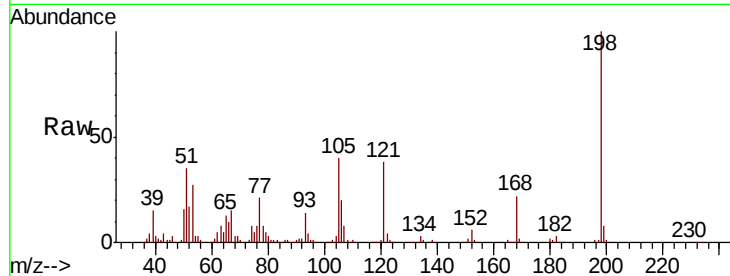




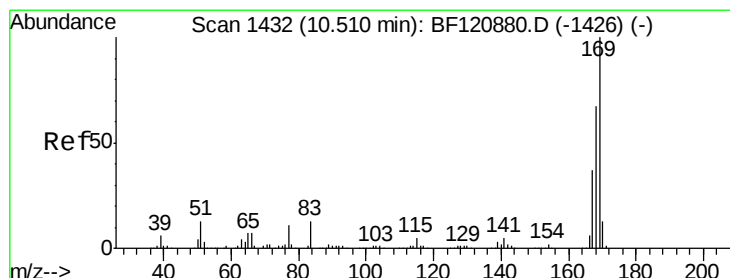
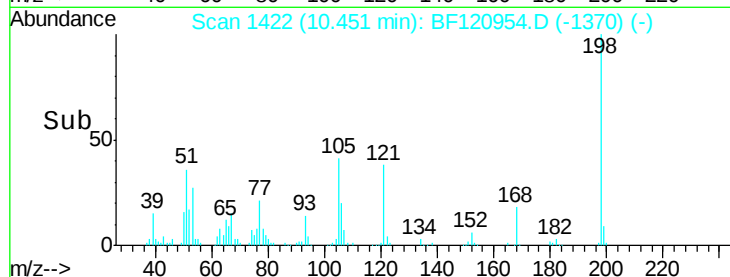
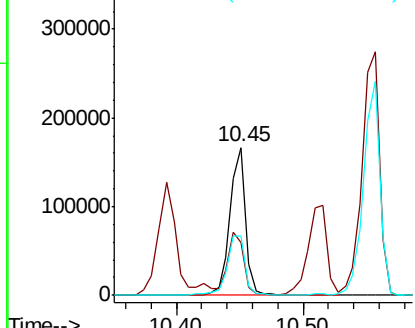
#65
4,6-Dinitro-2-methylphenol
Concen: 38.385 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion:198 Resp: 142340
Ion Ratio Lower Upper
198 100
51 35.3 19.5 59.5
105 40.3 24.4 64.4

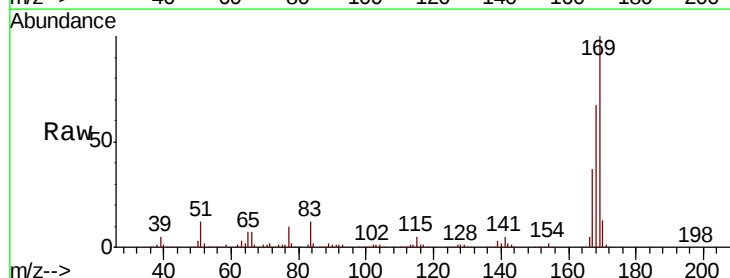


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

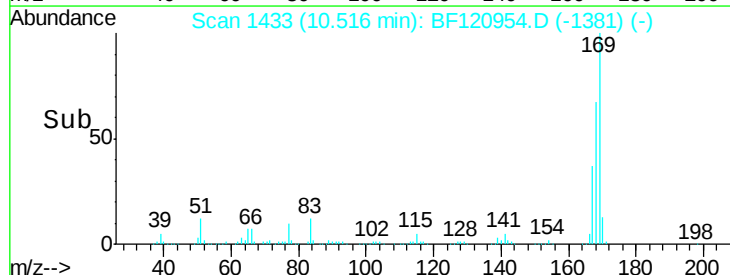
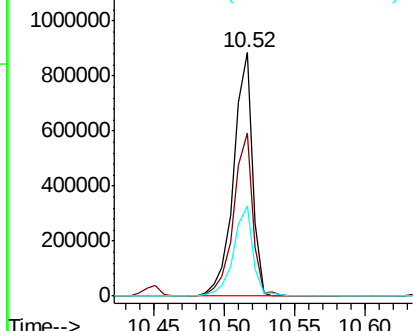


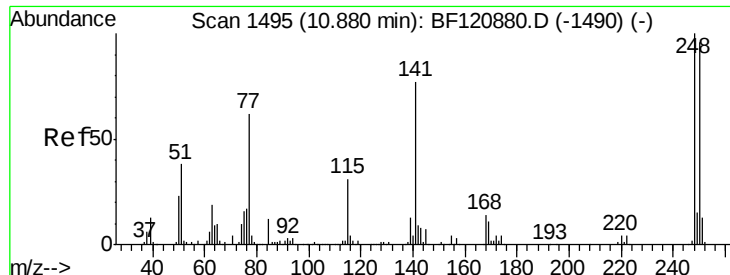
#66
n-Nitrosodiphenylamine
Concen: 39.902 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion:169 Resp: 822182
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.0
167 37.0 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

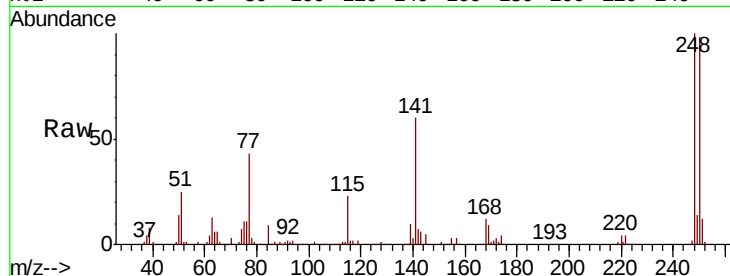




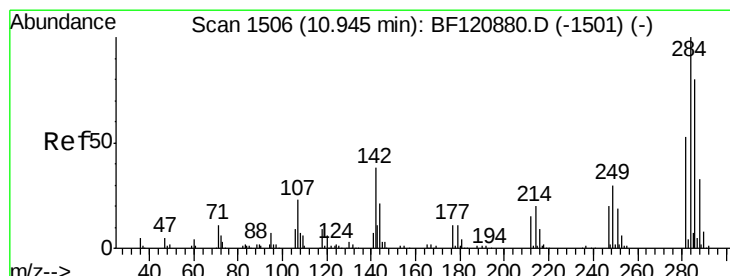
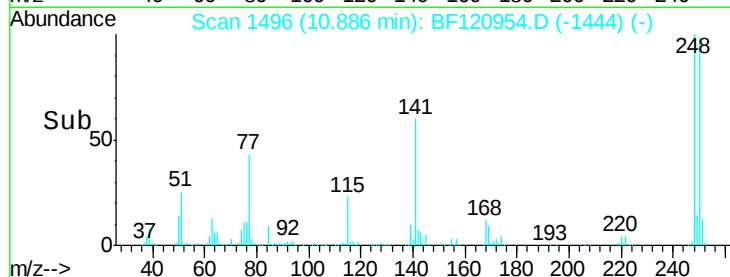
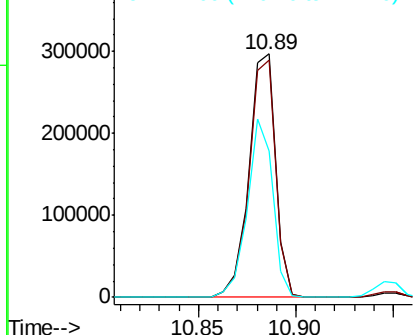
#67
 4-Bromophenyl-phenylether
 Concen: 38.655 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

Tot Ion:248 Resp: 282284
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.1 115.7
 141 59.8 61.2 91.8#

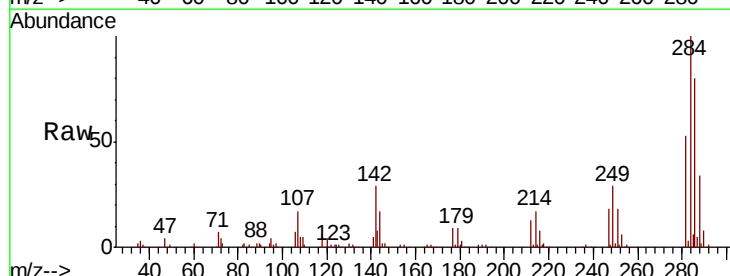


Abundance Ion 248.00 (247.70 to 248.70): E
 400000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

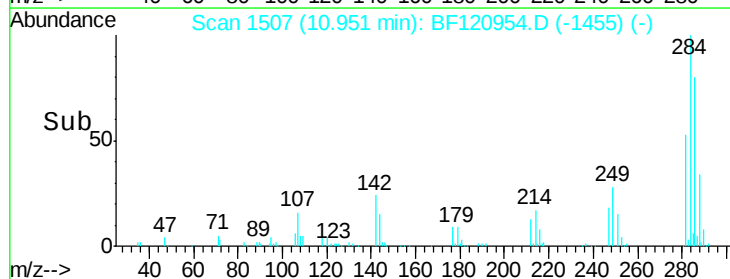
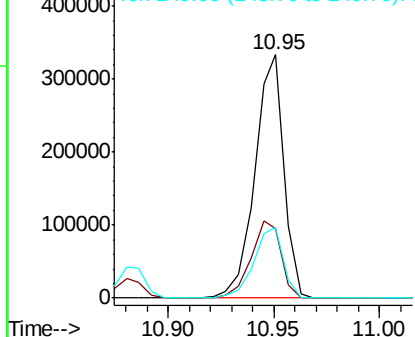


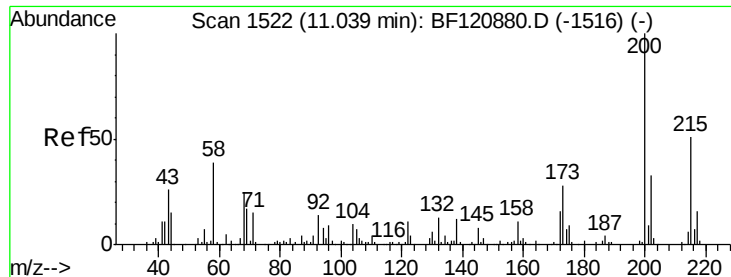
#68
 Hexachlorobenzene
 Concen: 40.036 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion:284 Resp: 316270
 Ion Ratio Lower Upper
 284 100
 142 28.7 30.2 45.2#
 249 29.3 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 400000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

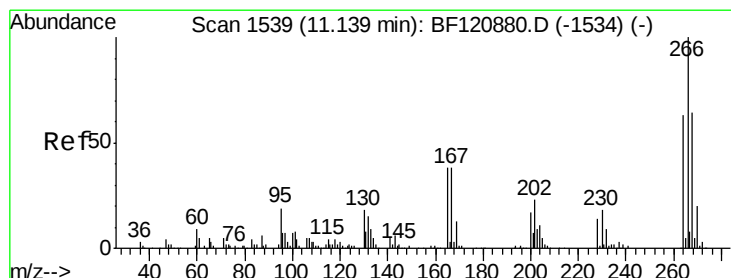
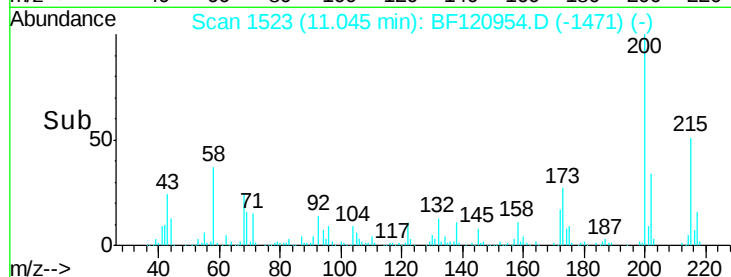
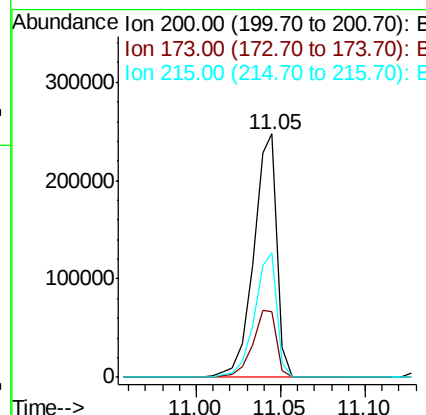
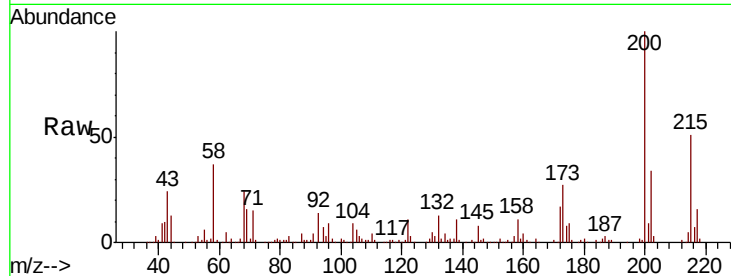




#69
 Atrazine
 Concen: 46.577 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

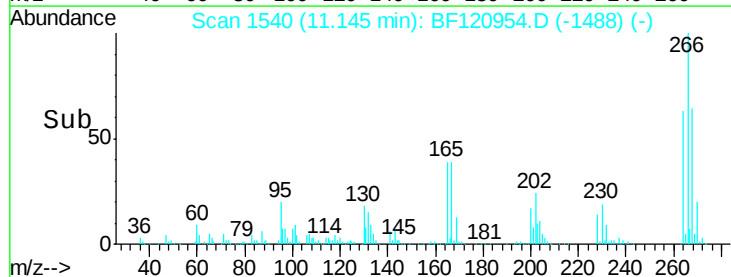
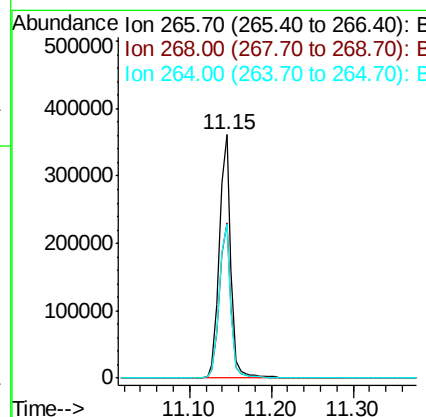
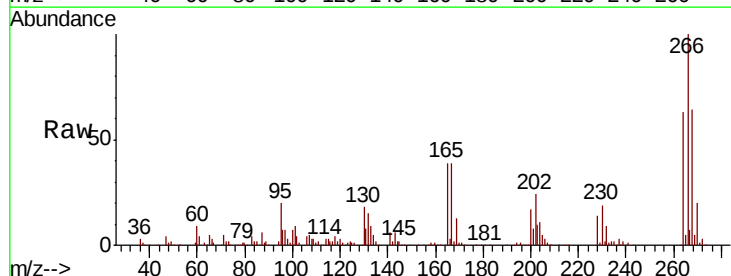
Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

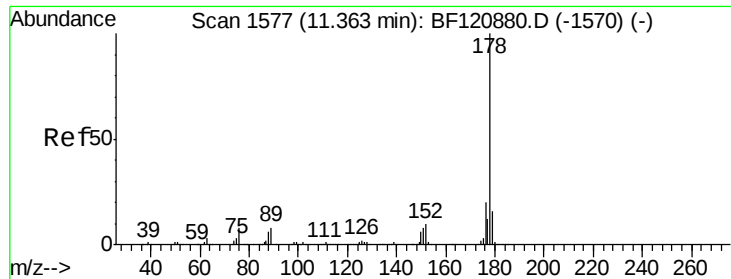
Tot Ion:200 Resp: 237683
 Ion Ratio Lower Upper
 200 100
 173 26.8 8.0 48.0
 215 51.1 31.5 71.5



#70
 Pentachlorophenol
 Concen: 79.040 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion:266 Resp: 357703
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 63.2 50.2 75.2





#71

Phenanthrene

Concen: 38.912 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

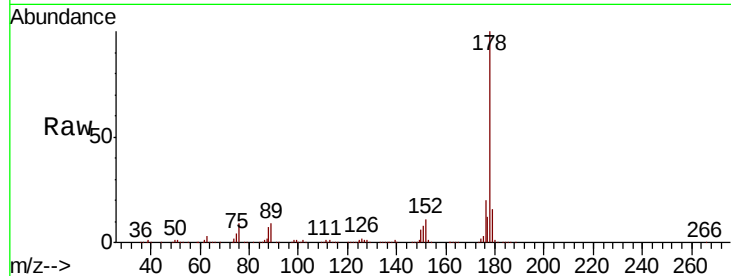
Tot Ion:178 Resp: 1310829

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

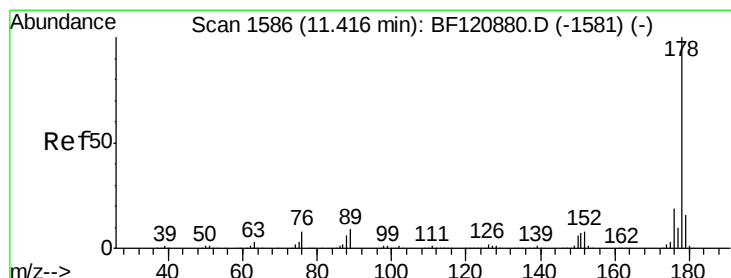
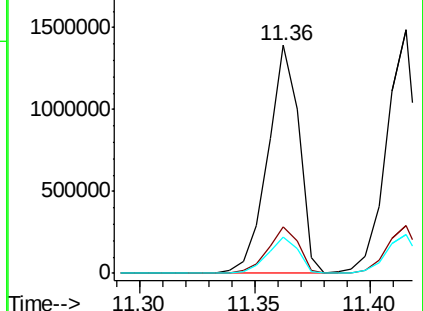
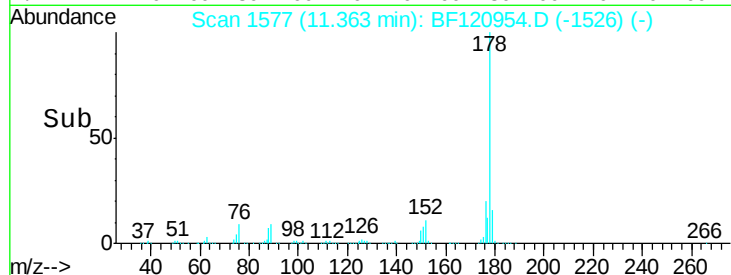
179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.865 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

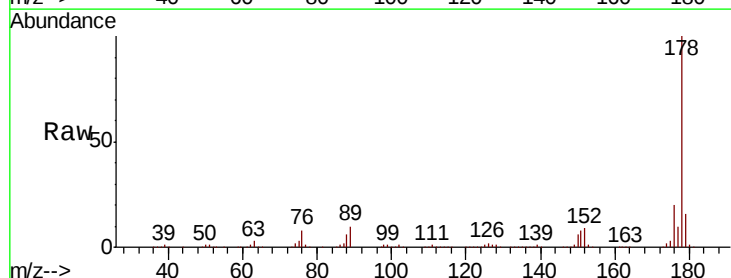
Tgt Ion:178 Resp: 1348477

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

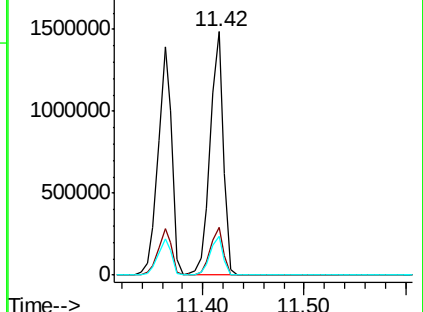
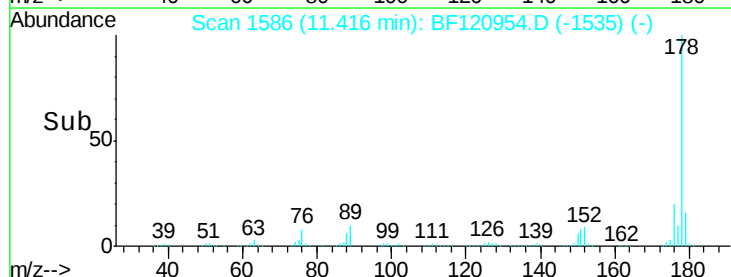
179 16.0 12.8 19.2

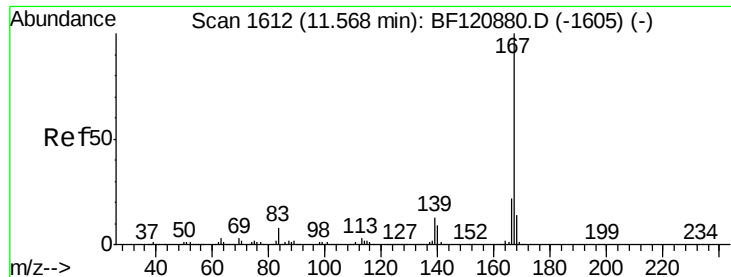


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.664 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

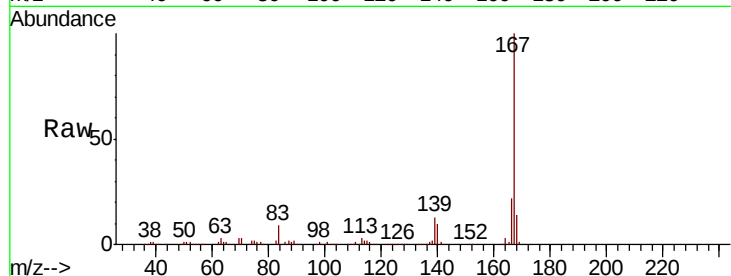
Tot Ion:167 Resp: 1264359

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

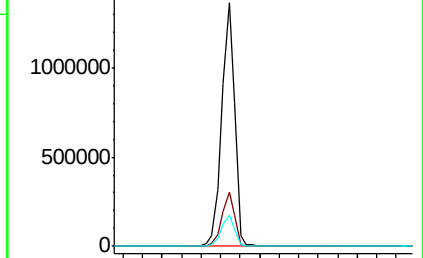
139 13.0 10.1 15.1



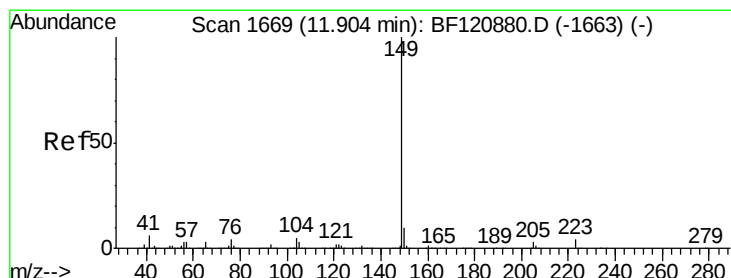
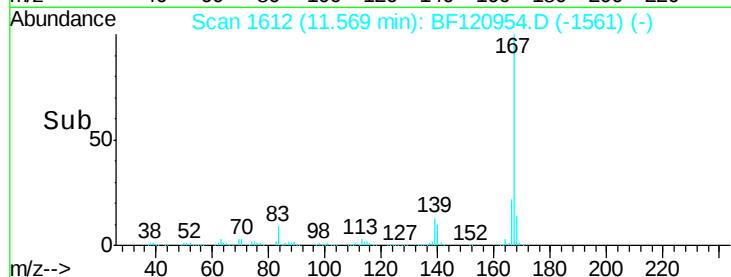
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 39.868 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

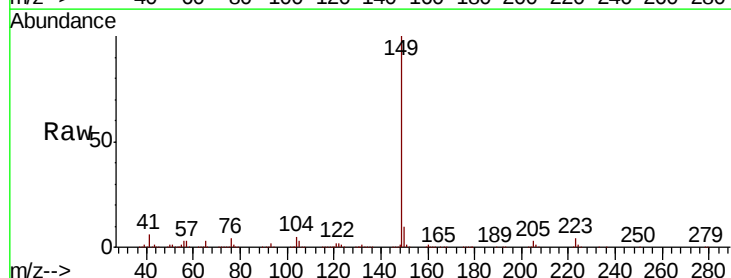
Tgt Ion:149 Resp: 1544469

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

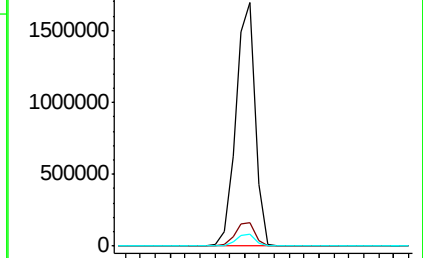
104 4.7 3.8 5.6



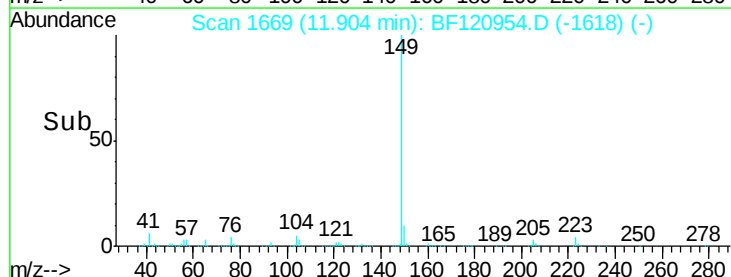
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

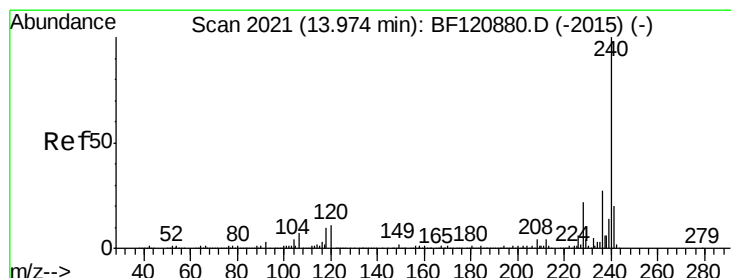
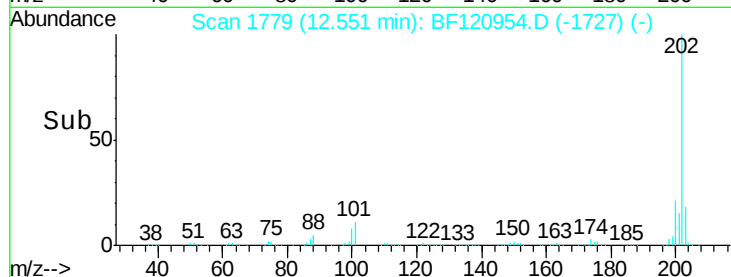
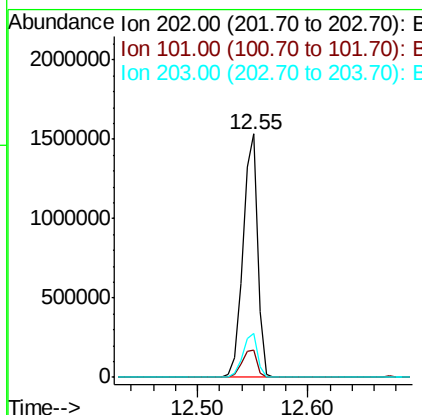
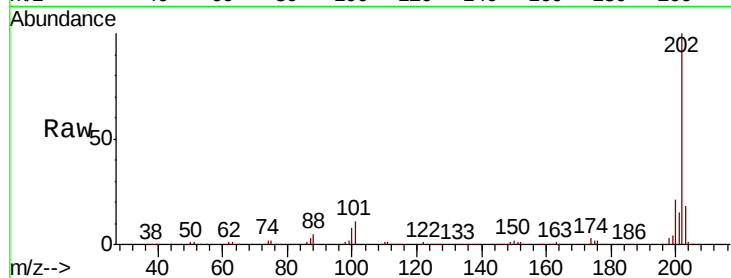




#75
 Fluoranthene
 Concen: 38.270 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

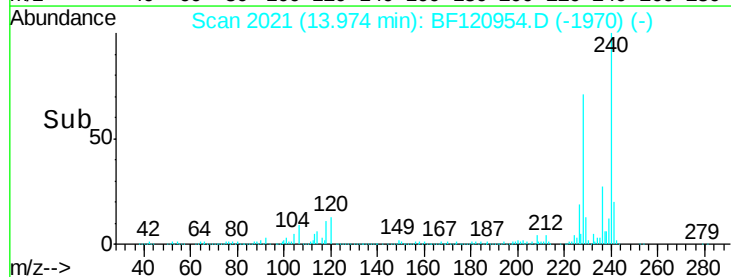
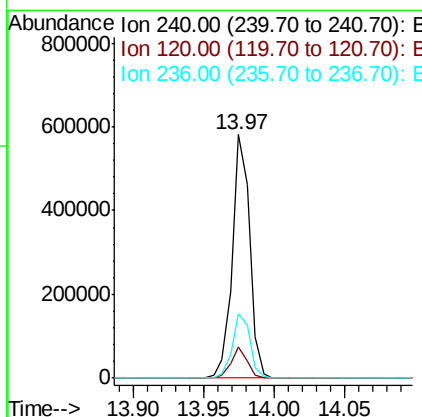
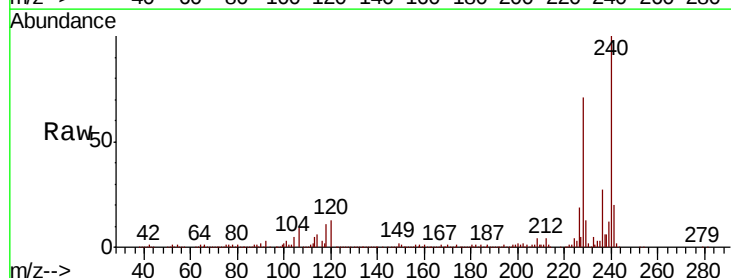
Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

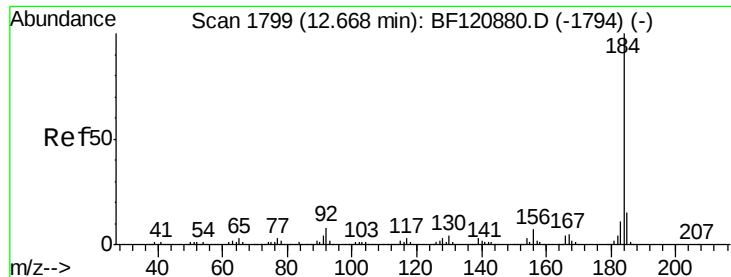
Tot Ion:202 Resp: 1428986
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 32.7
 203 17.9 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion:240 Resp: 500832
 Ion Ratio Lower Upper
 240 100
 120 12.9 9.0 13.4
 236 26.5 21.7 32.5





#77

Benzidine

Concen: 69.799 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

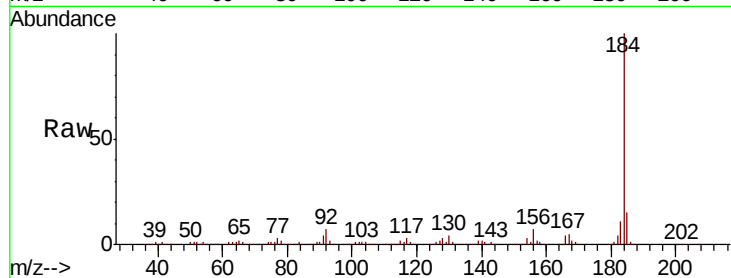
Tot Ion:184 Resp: 919095

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

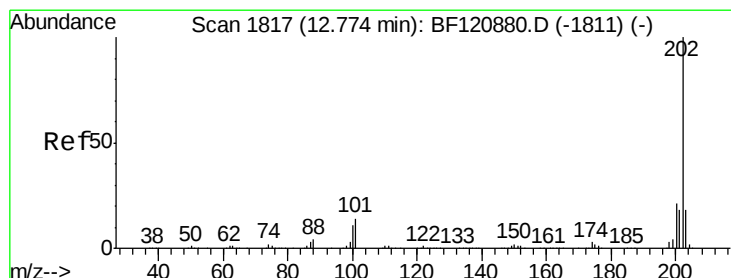
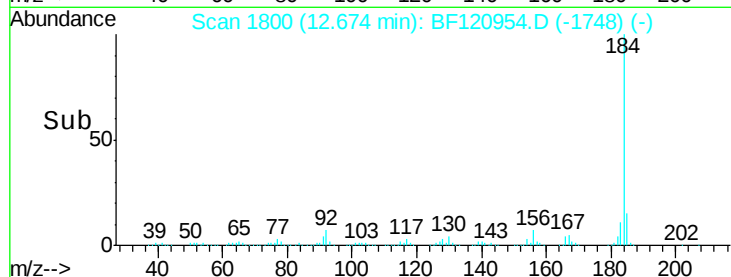
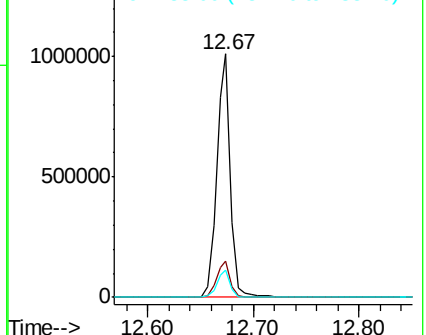
183 11.2 8.5 12.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.786 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

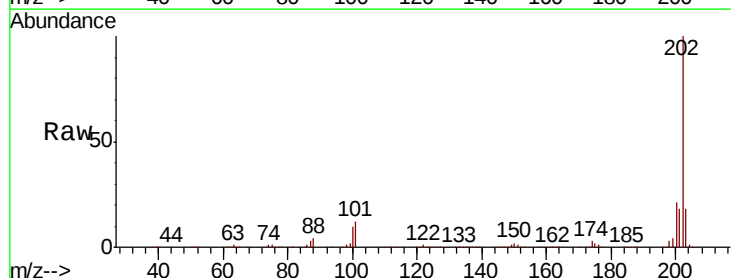
Tgt Ion:202 Resp: 1479604

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

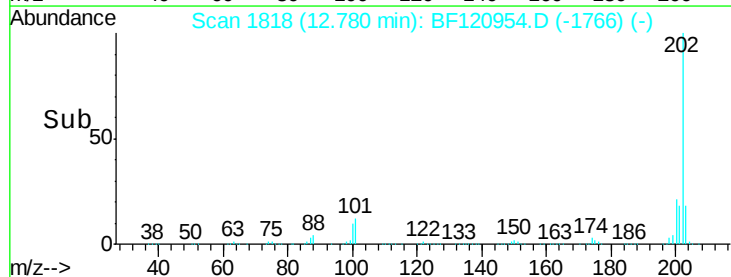
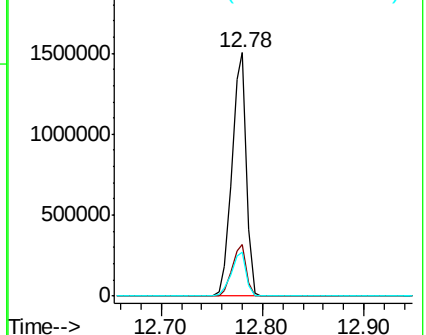
203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.120 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

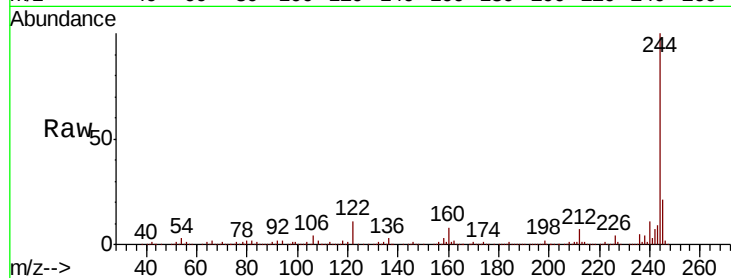
Tot Ion:244 Resp: 1822889

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

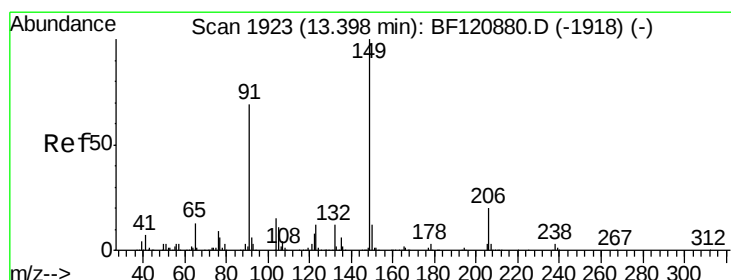
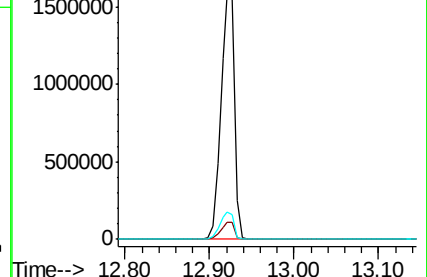
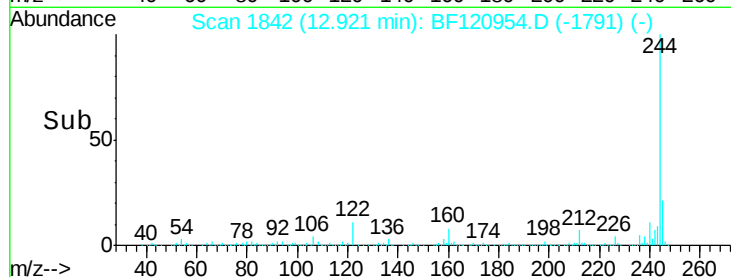
122 11.1 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.639 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

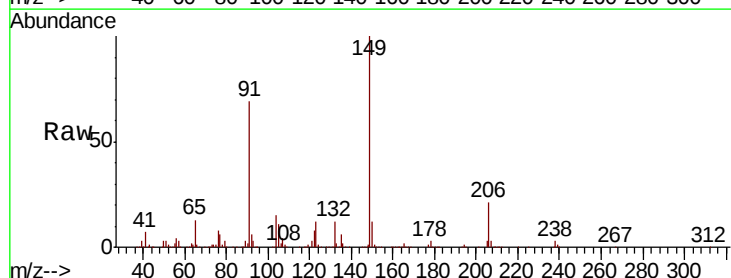
Tgt Ion:149 Resp: 688834

Ion Ratio Lower Upper

149 100

91 68.8 55.1 82.7

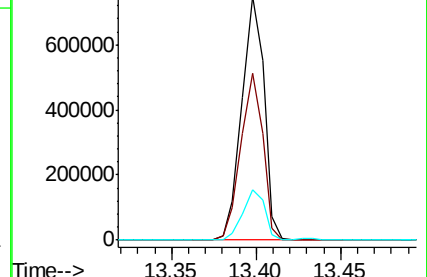
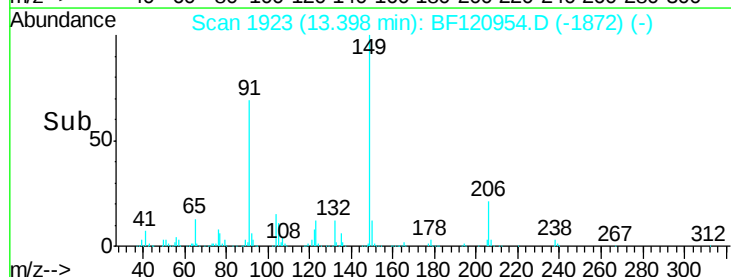
206 20.7 16.1 24.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.317 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

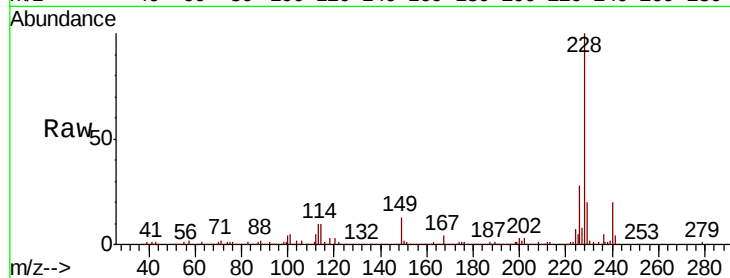
Tot Ion:228 Resp: 1192396

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

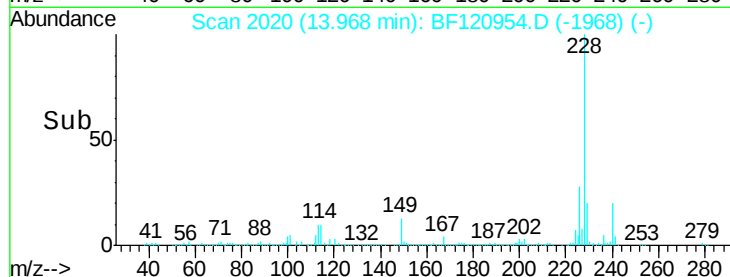
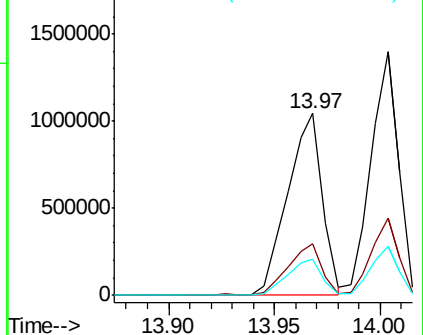
229 19.9 16.1 24.1



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: 35.054 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

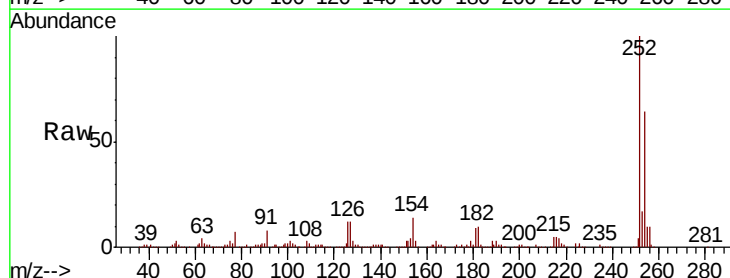
Tgt Ion:252 Resp: 401081

Ion Ratio Lower Upper

252 100

254 64.1 51.2 76.8

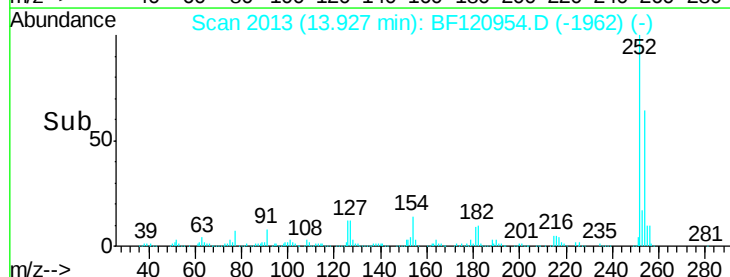
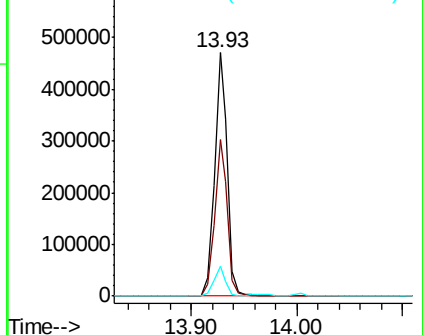
126 12.2 8.7 13.1



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: 39.961 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

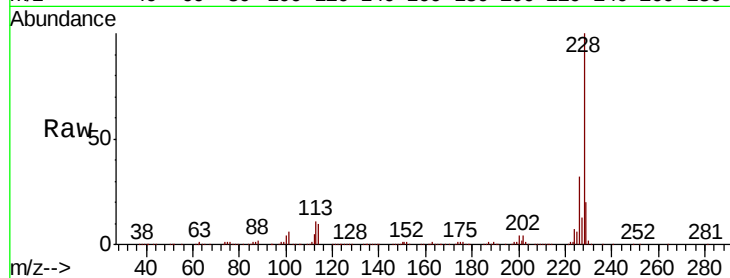
Tot Ion:228 Resp: 1273615

Ion Ratio Lower Upper

228 100

226 31.9 25.6 38.4

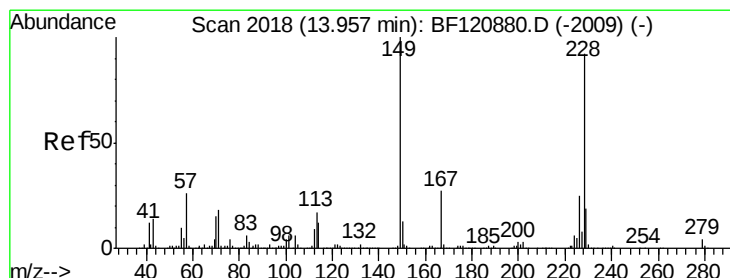
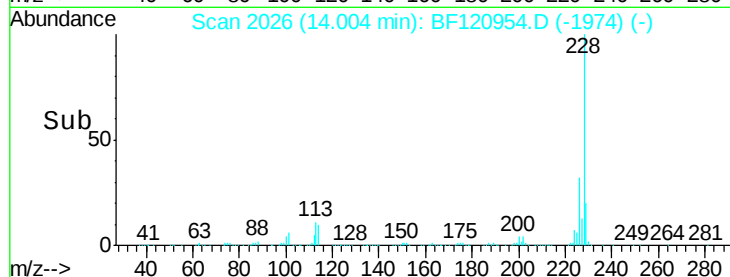
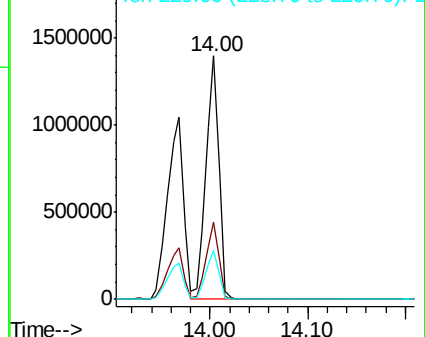
229 20.1 16.8 25.2



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: 43.590 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

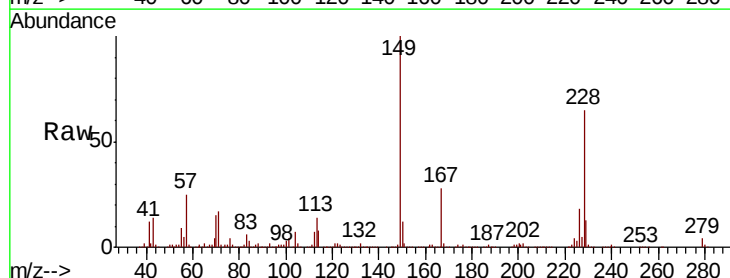
Tgt Ion:149 Resp: 848462

Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

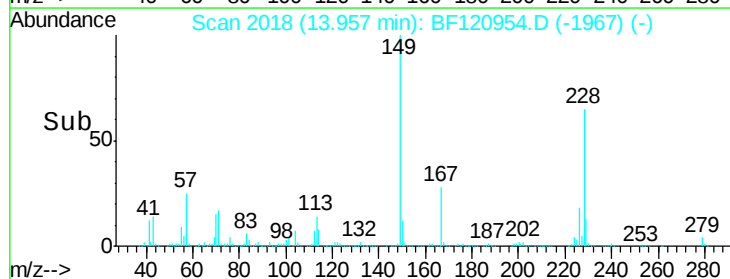
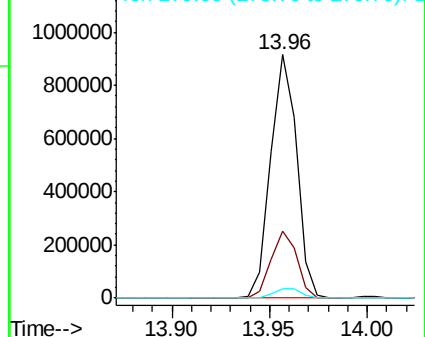
279 4.0 3.0 4.4

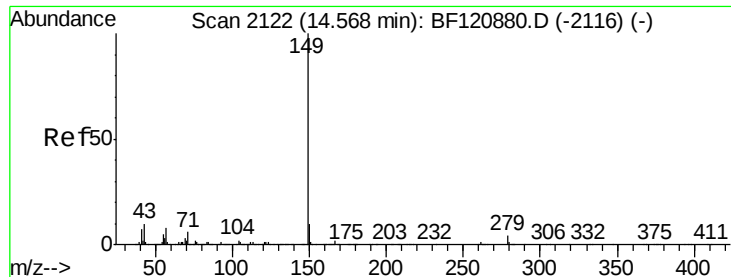


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

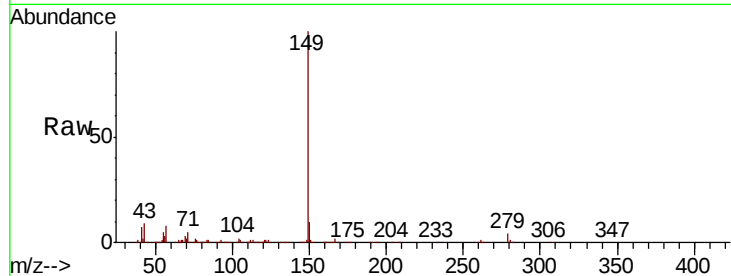




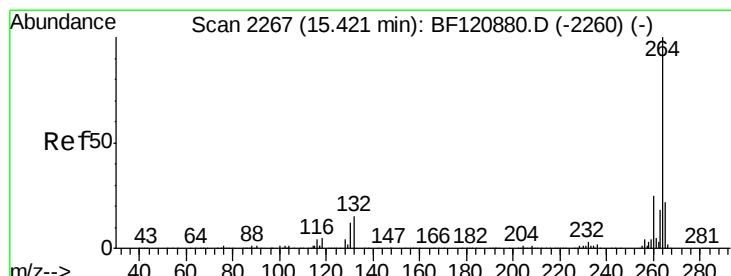
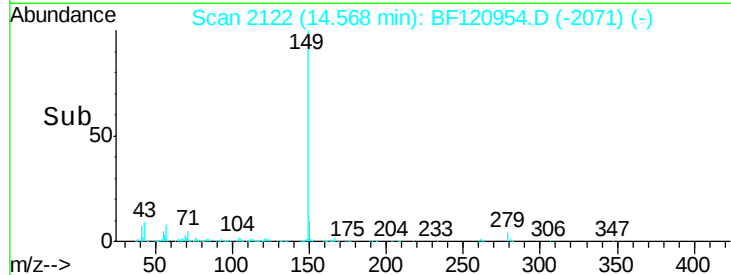
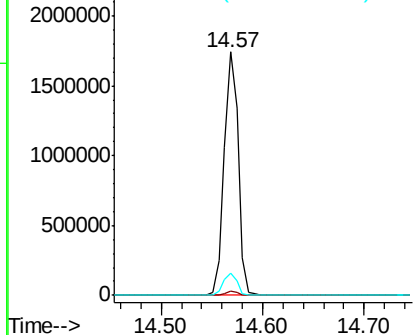
#85
Di-n-octyl phthalate
Concen: 43.089 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion:149 Resp: 1668637
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.0 7.6 11.4

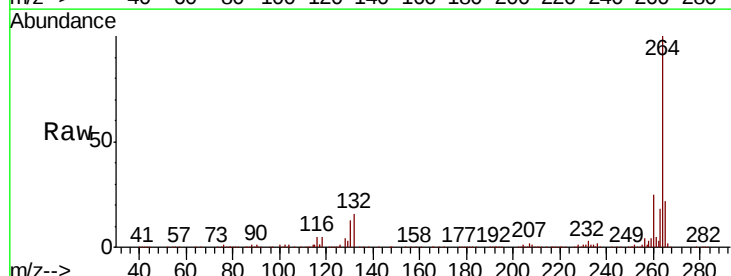


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

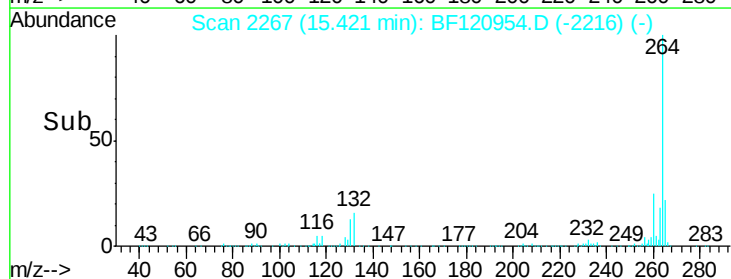
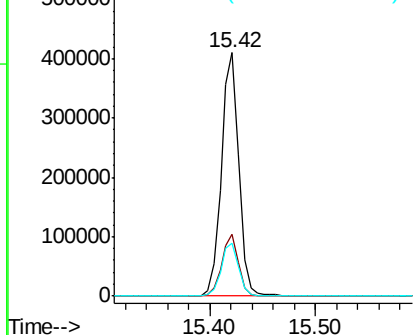


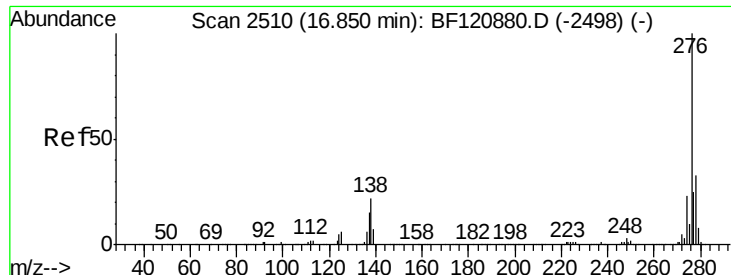
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion:264 Resp: 474453
Ion Ratio Lower Upper
264 100
260 25.3 20.0 30.0
265 21.7 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

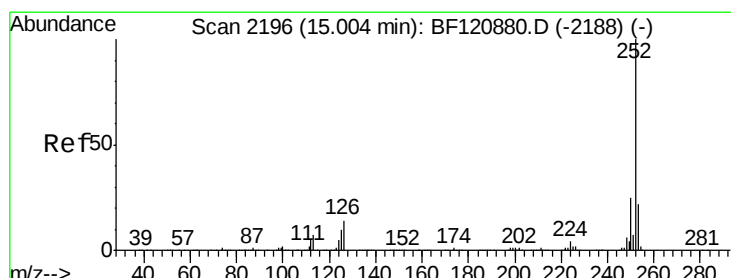
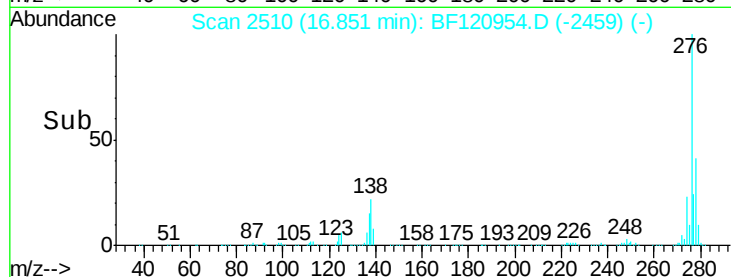
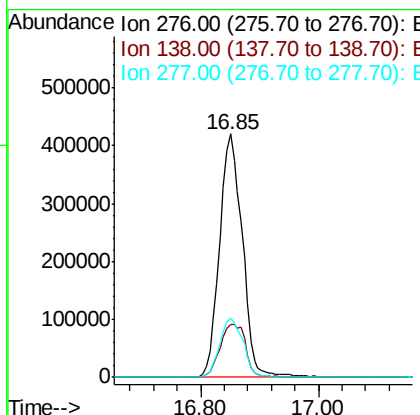
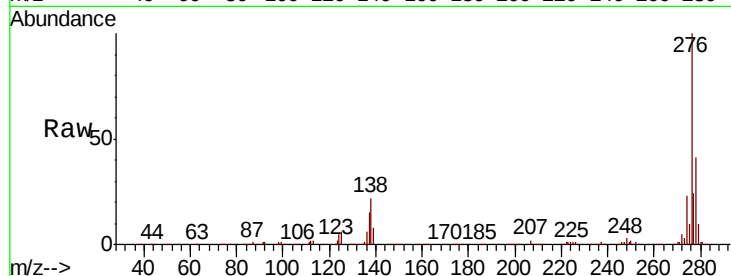




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 34.253 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

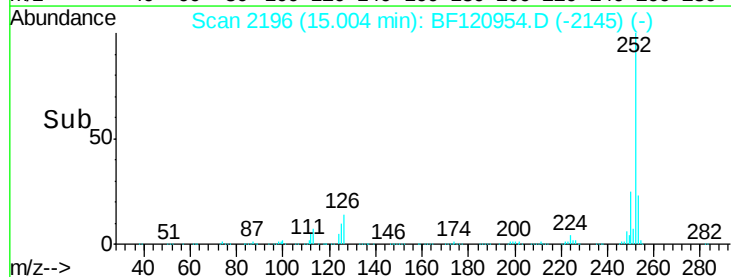
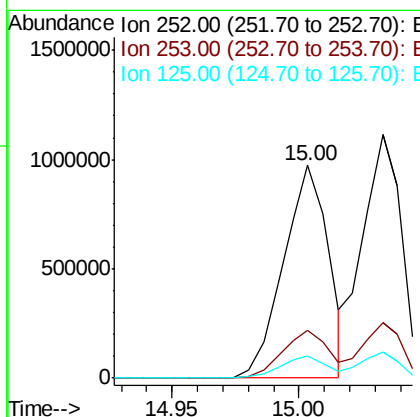
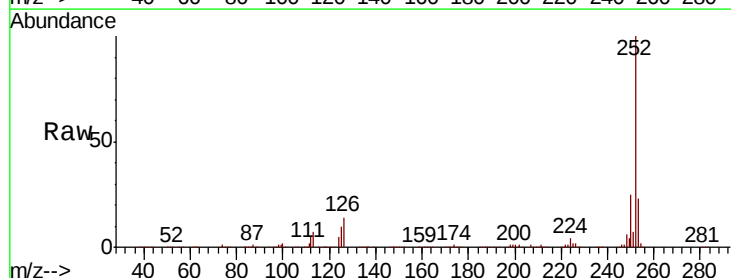
Instrument :
 BNA_F
 ClientSampleId :
 PB130359BS

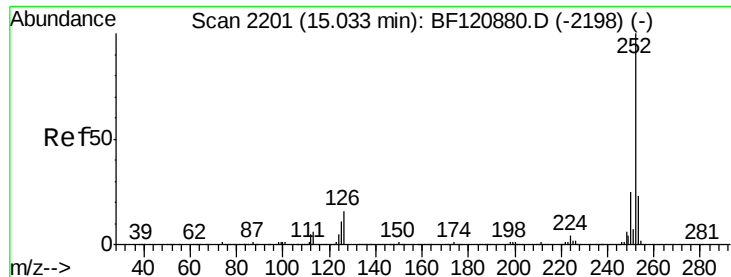
Tot Ion:276 Resp: 1130218
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.8 29.8
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 41.856 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120954.D
 Acq: 21 Jul 2020 15:12

Tgt Ion:252 Resp: 1200392
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 10.3 8.3 12.5

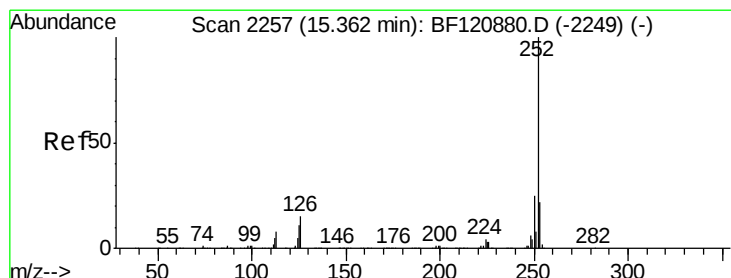
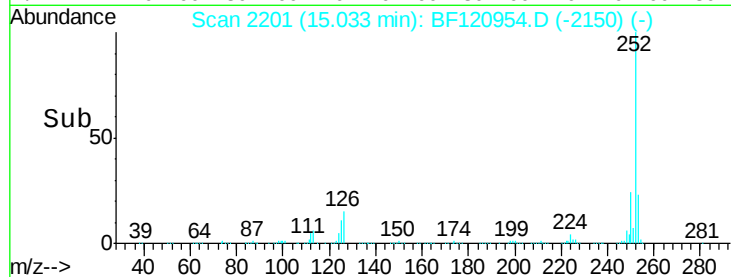
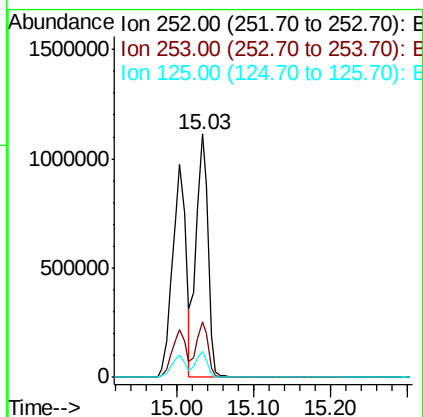
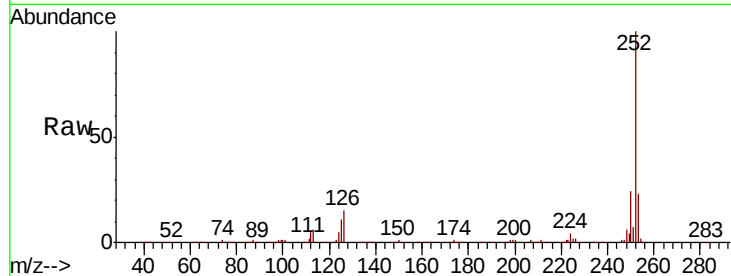




#89
Benzo(k)fluoranthene
Concen: 46.089 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

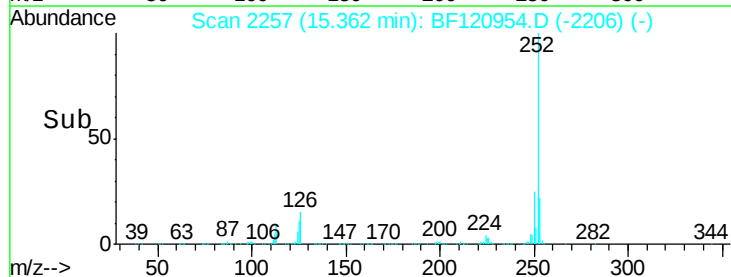
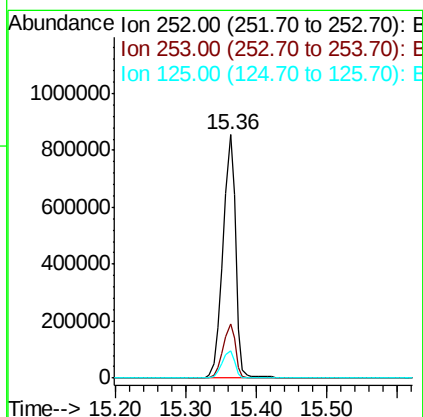
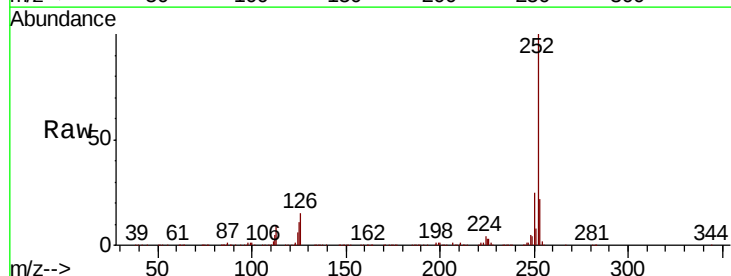
Instrument :
BNA_F
ClientSampleId :
PB130359BS

Tot Ion:252 Resp: 1205463
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 40.913 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120954.D
Acq: 21 Jul 2020 15:12

Tgt Ion:252 Resp: 1070524
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.1 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 35.856 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_F

ClientSampleId :

PB130359BS

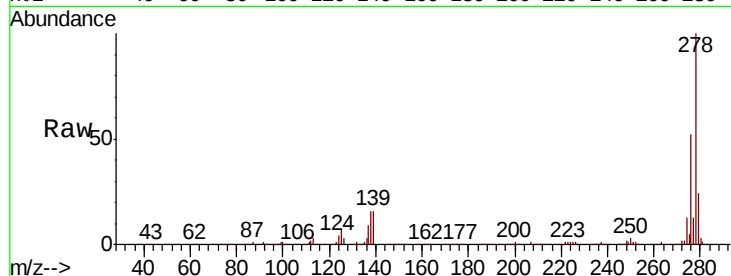
Tot Ion:278 Resp: 966425

Ion Ratio Lower Upper

278 100

139 15.9 12.3 18.5

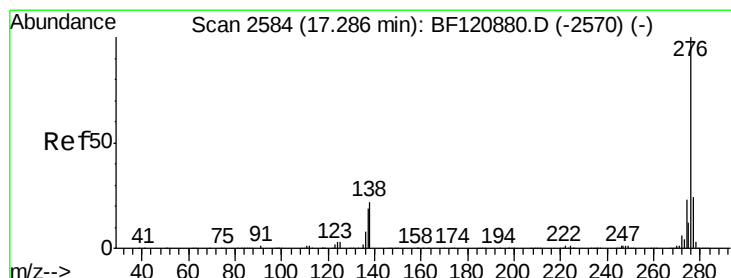
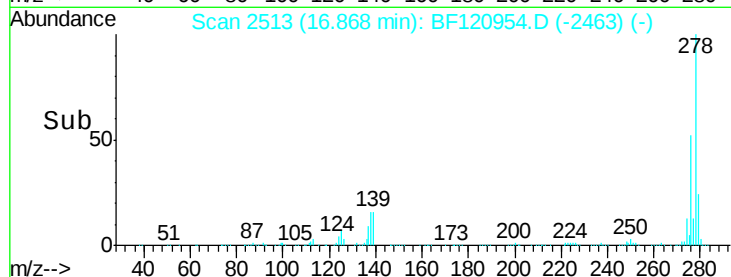
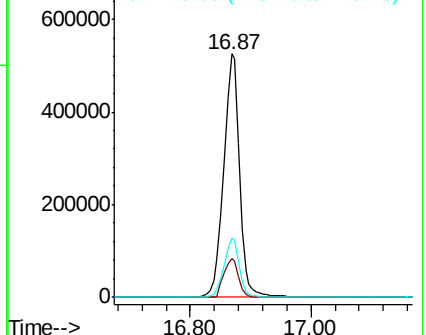
279 24.2 20.1 30.1



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: 34.080 ng

RT: 17.28 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BF120954.D

Acq: 21 Jul 2020 15:12

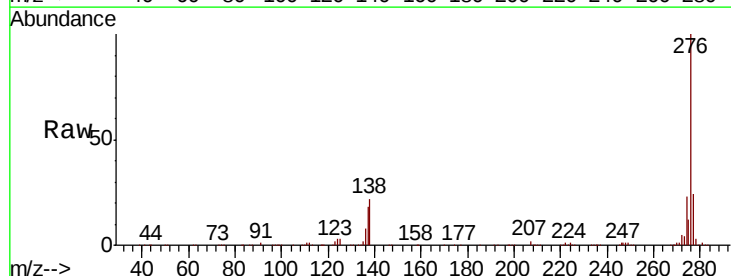
Tgt Ion:276 Resp: 905687

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 21.7 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

