

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121214.D
 Acq On : 6 Aug 2020 21:13
 Operator : JU/CG
 Sample : L3568-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMS

Quant Time: Aug 07 00:31:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	134261	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	523052	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	267367	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	504071	20.00	ng	0.00
76) Chrysene-d12	13.96	240	326202	20.00	ng	0.00
86) Perylene-d12	15.41	264	345430	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	586268	71.58	ng	0.00
7) Phenol-d6	6.43	99	712361	67.34	ng	-0.01
23) Nitrobenzene-d5	7.36	82	464164	51.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	212185	72.50	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	875862	48.91	ng	0.00
79) Terphenyl-d14	12.90	244	821181	54.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	146087	38.758	ng	99
3) Pyridine	3.27	79	325002	32.413	ng	99
4) n-Nitrosodimethylamine	3.22	42	167481	39.062	ng	94
6) Aniline	6.46	93	302198	21.883	ng	93
8) 2-Chlorophenol	6.58	128	374158	41.471	ng	99
9) Benzaldehyde	6.35	77	238090	49.408	ng	97
10) Phenol	6.45	94	449021	38.584	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	349791	39.220	ng	97
12) 1,3-Dichlorobenzene	6.73	146	381380	38.983	ng	99
13) 1,4-Dichlorobenzene	6.81	146	389536	40.042	ng	99
14) 1,2-Dichlorobenzene	6.96	146	370599	40.269	ng	99
15) Benzyl Alcohol	6.94	79	297498	39.765	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	487678	37.936	ng	93
17) 2-Methylphenol	7.06	107	292473	36.574	ng	99
18) Hexachloroethane	7.30	117	133796	37.999	ng	100
19) n-Nitroso-di-n-propylamine	7.21	70	227967	37.895	ng	96
20) 3+4-Methylphenols	7.21	107	354332	34.832	ng	96
22) Acetophenone	7.20	105	472743	40.272	ng	# 95
24) Nitrobenzene	7.38	77	375088	38.499	ng	98
25) Isophorone	7.62	82	674164	37.369	ng	96
26) 2-Nitrophenol	7.69	139	198815	42.967	ng	95
27) 2,4-Dimethylphenol	7.73	122	323315	43.036	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	435081	39.508	ng	100
29) 2,4-Dichlorophenol	7.94	162	306744	39.957	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	329429	38.678	ng	99
31) Naphthalene	8.10	128	1033630	38.525	ng	99
32) Benzoic acid	7.87	122	220599	39.117	ng	99
33) 4-Chloroaniline	8.15	127	176024	14.707	ng	99
34) Hexachlorobutadiene	8.22	225	187094	37.263	ng	98
35) Caprolactam	8.53	113	101849	41.371	ng	# 83
36) 4-Chloro-3-methylphenol	8.65	107	313575	39.827	ng	98
37) 2-Methylnaphthalene	8.79	142	702644	40.333	ng	99
38) 1-Methylnaphthalene	8.89	142	653197	39.589	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	330050	42.369	ng	99

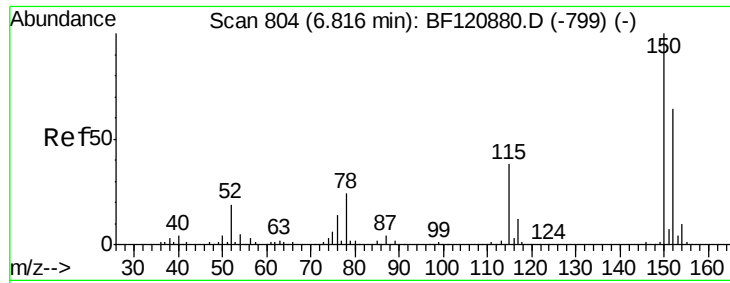
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	129710	30.128	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	220490	40.200	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	238377	38.314	nq	99
46) 1,1'-Biphenyl	9.26	154	833512	40.869	nq	99
47) 2-Chloronaphthalene	9.28	162	647586	38.946	nq	98
48) 2-Nitroaniline	9.38	65	206173	41.029	nq	95
49) Acenaphthylene	9.70	152	1026986	39.757	nq	99
50) Dimethylphthalate	9.56	163	866068	44.900	nq	99
51) 2,6-Dinitrotoluene	9.62	165	170238	41.080	nq	97
52) Acenaphthene	9.87	154	586628	35.720	nq	100
53) 3-Nitroaniline	9.79	138	97172	18.696	nq	100
54) 2,4-Dinitrophenol	9.90	184	100244	45.269	nq	95
55) Dibenzofuran	10.04	168	906485	38.169	nq	99
56) 4-Nitrophenol	9.97	139	270747	68.577	nq	95
57) 2,4-Dinitrotoluene	10.03	165	216916	39.860	nq	# 87
58) Fluorene	10.39	166	676797	38.209	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	198482	41.900	nq	99
60) Diethylphthalate	10.26	149	752738	38.582	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	338164	35.794	nq	98
62) 4-Nitroaniline	10.41	138	163712	32.337	nq	98
63) Azobenzene	10.53	77	709622	38.205	nq	100
65) 4,6-Dinitro-2-methylphenol	10.44	198	79208	28.820	nq	96
66) n-Nitrosodiphenylamine	10.50	169	639749	40.345	nq	100
67) 4-Bromophenyl-phenylether	10.86	248	220967	39.318	nq	100
68) Hexachlorobenzene	10.93	284	243025	39.975	nq	94
69) Atrazine	11.03	200	176124	44.848	nq	98
70) Pentachlorophenol	11.13	266	263683	75.711	nq	98
71) Phenanthrene	11.35	178	988973	38.148	nq	99
72) Anthracene	11.40	178	1042783	40.058	nq	99
73) Carbazole	11.56	167	975448	37.758	nq	99
74) Di-n-butylphthalate	11.88	149	1185908	39.779	nq	100
75) Fluoranthene	12.53	202	1045712	36.391	nq	98
77) Benzidine	12.66	184	689935	80.445	nq	98
78) Pyrene	12.76	202	1034423	44.853	nq	99
80) Butylbenzylphthalate	13.38	149	465051	45.234	nq	96
81) Benzo(a)anthracene	13.95	228	807735	40.891	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	320313	42.982	nq	100
83) Chrysene	13.99	228	811674	39.101	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	620681	48.959	nq	99
85) Di-n-octyl phthalate	14.55	149	1000181	39.655	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	910391	37.896	nq	99
88) Benzo(b)fluoranthene	14.99	252	872651	41.794	nq	99
89) Benzo(k)fluoranthene	15.02	252	727319	38.195	nq	99
90) Benzo(a)pyrene	15.35	252	755316	39.649	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	768095	39.142	nq	99
92) Benzo(g,h,i)perylene	17.28	276	732734	37.870	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

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8/5-A-EMS

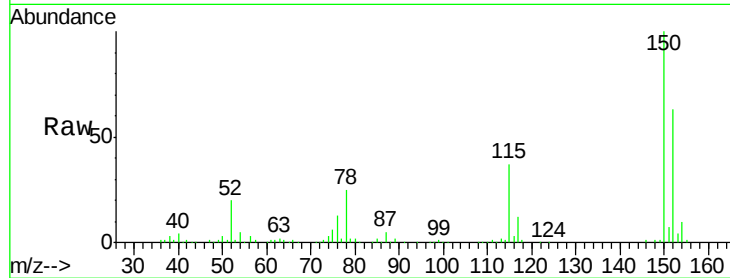
Tot Ion:152 Resp: 134261

Ion Ratio Lower Upper

152 100

150 159.3 125.6 188.4

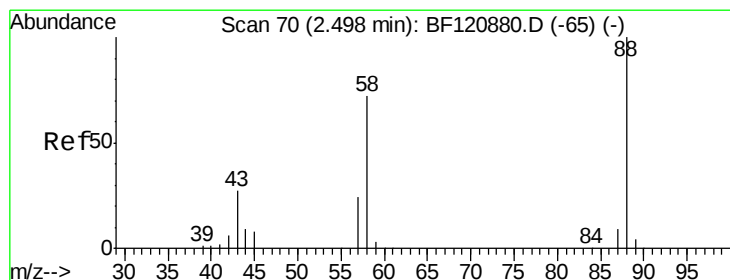
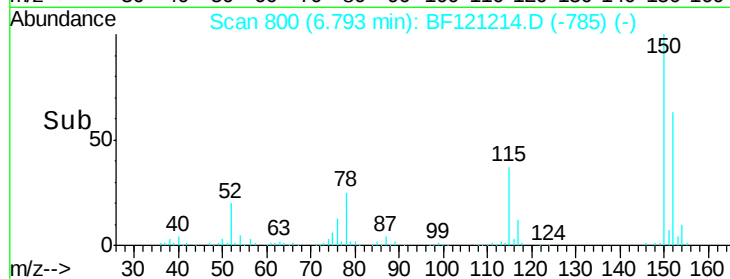
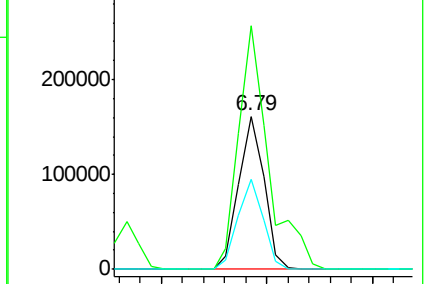
115 58.9 46.2 69.2



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: 38.758 ng

RT: 2.53 min Scan# 76

Delta R.T. 0.02 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

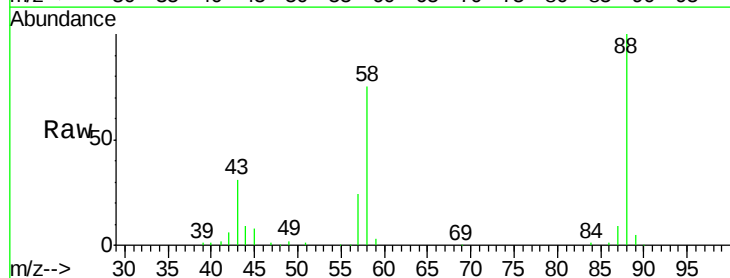
Tgt Ion: 88 Resp: 146087

Ion Ratio Lower Upper

88 100

58 72.1 58.2 87.4

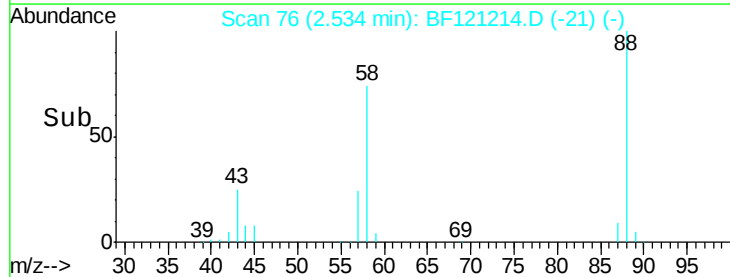
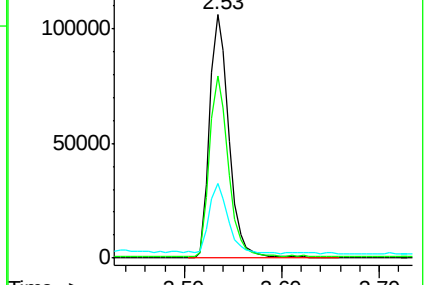
43 28.3 21.3 31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.413 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.02 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

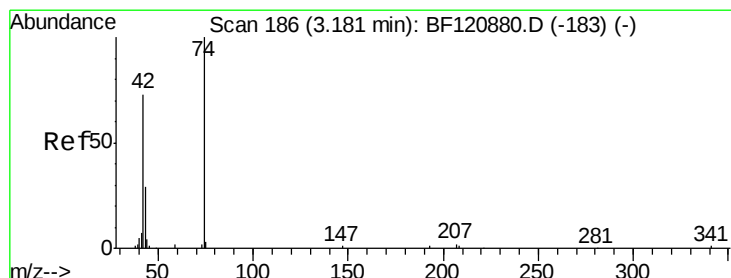
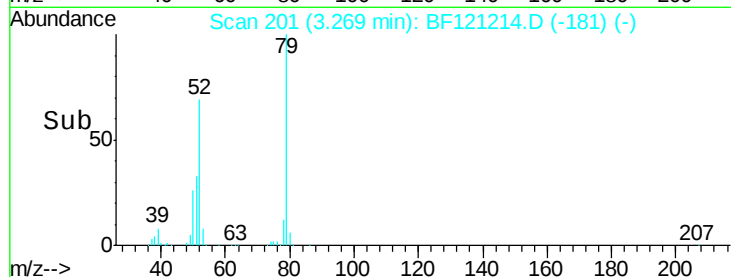
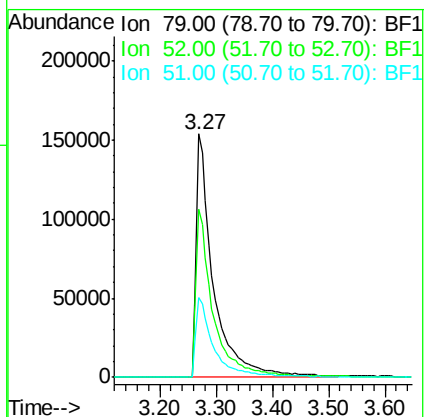
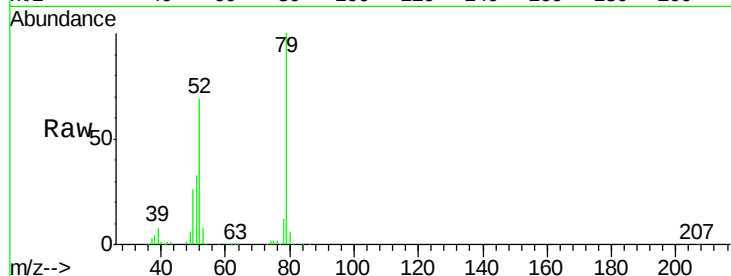
Tot Ion: 79 Resp: 325002

Ion Ratio Lower Upper

79 100

52 68.9 54.9 82.3

51 32.9 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 39.062 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

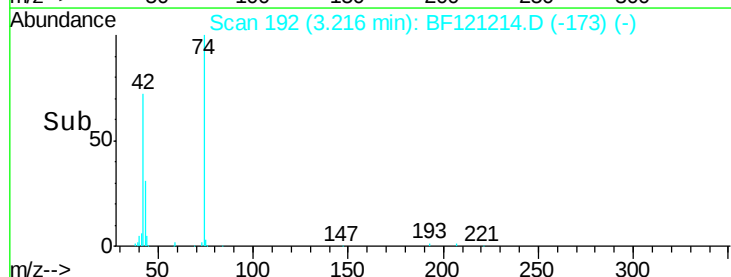
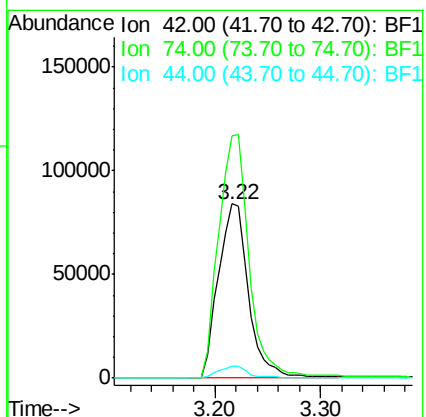
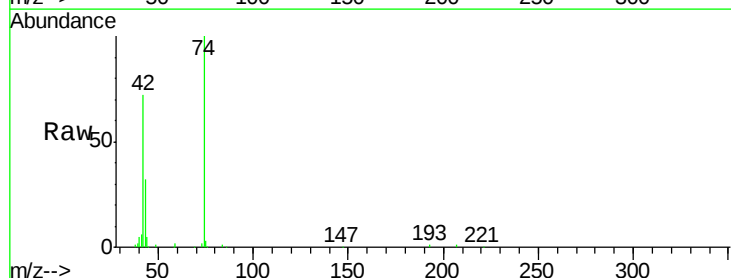
Tgt Ion: 42 Resp: 167481

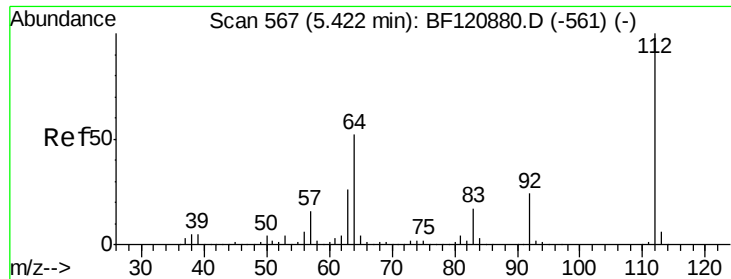
Ion Ratio Lower Upper

42 100

74 138.9 117.3 175.9

44 6.6 5.9 8.9





#5

2-Fluorophenol

Concen: 71.585 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

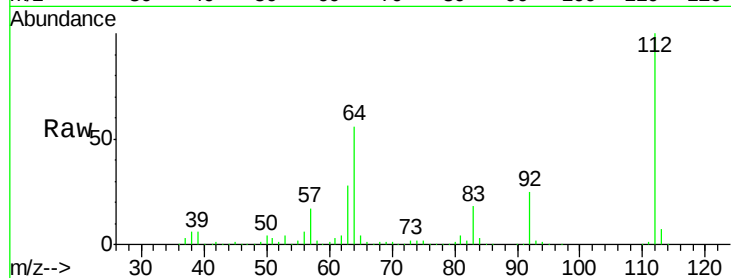
Tot Ion:112 Resp: 586268

Ion Ratio Lower Upper

112 100

64 55.9 43.9 65.9

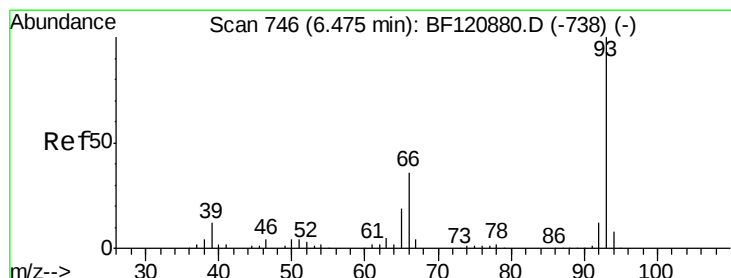
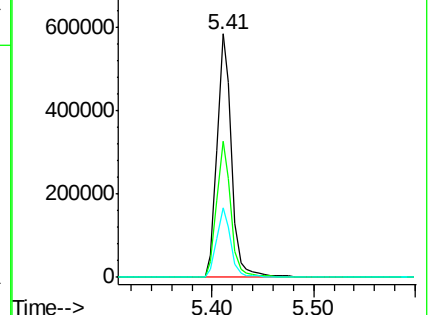
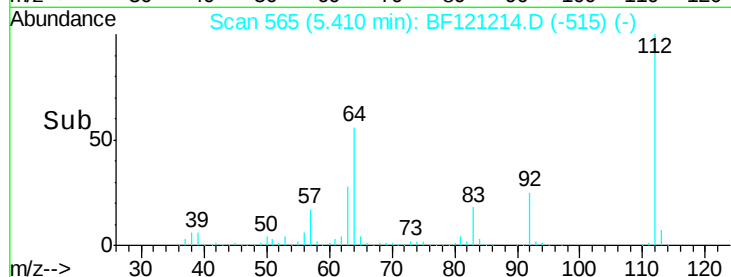
63 28.4 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.883 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

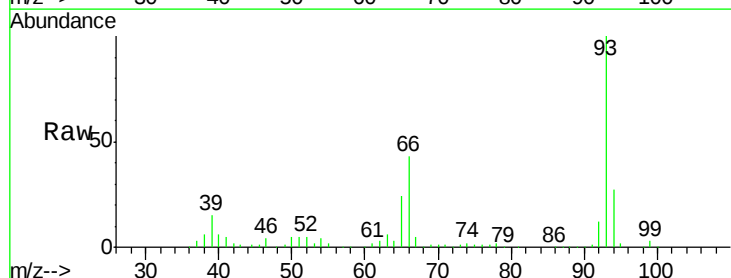
Tgt Ion: 93 Resp: 302198

Ion Ratio Lower Upper

93 100

66 42.7 31.0 46.4

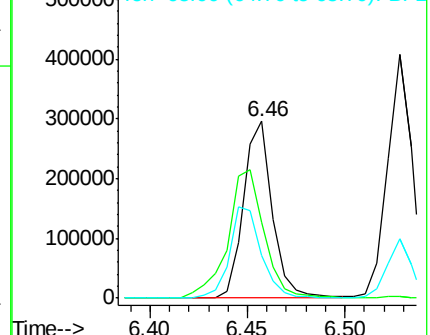
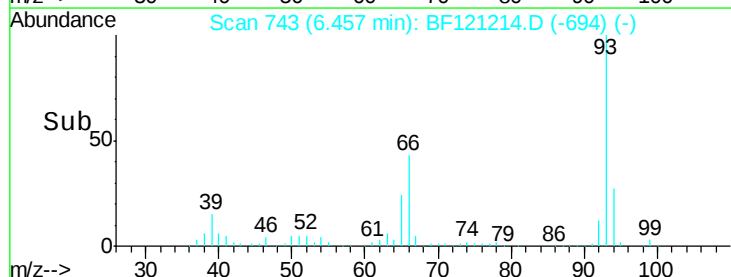
65 24.0 16.2 24.4



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: 67.336 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121214.D

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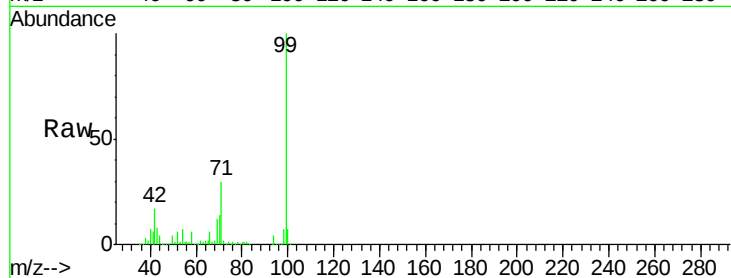
Tot Ion: 99 Resp: 712361

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

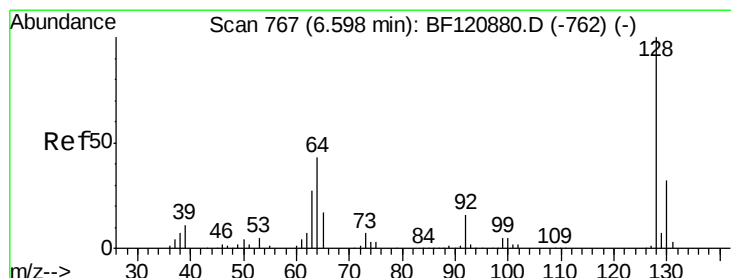
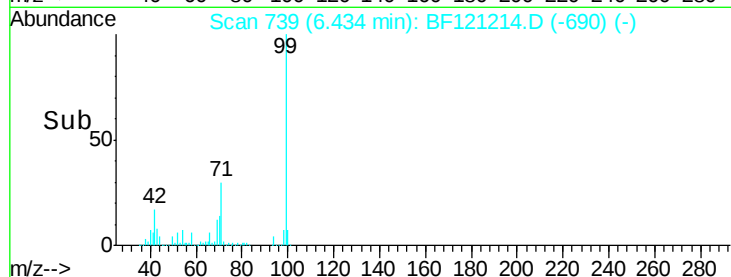
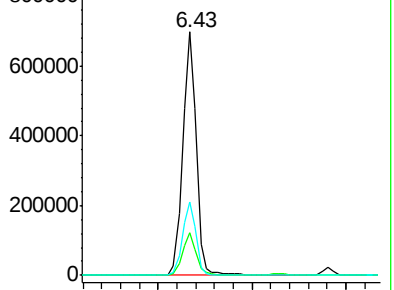
71 30.2 25.0 37.4



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: 41.471 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

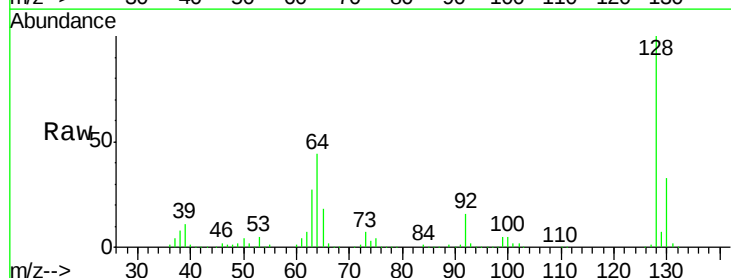
Tgt Ion: 128 Resp: 374158

Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

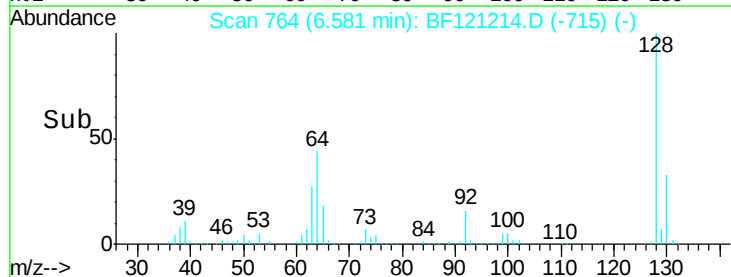
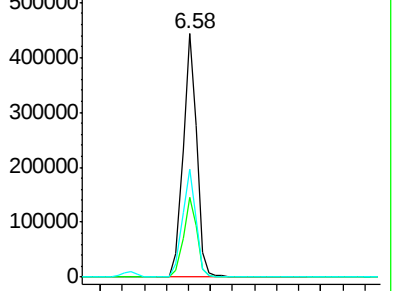
64 44.3 23.8 63.8



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: 49.408 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

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8/5-A-EMS

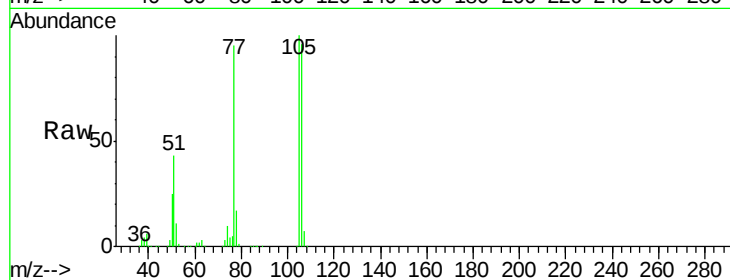
Tot Ion: 77 Resp: 238090

Ion Ratio Lower Upper

77 100

105 105.6 82.4 122.4

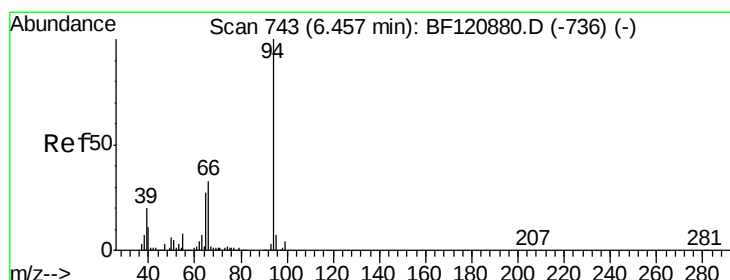
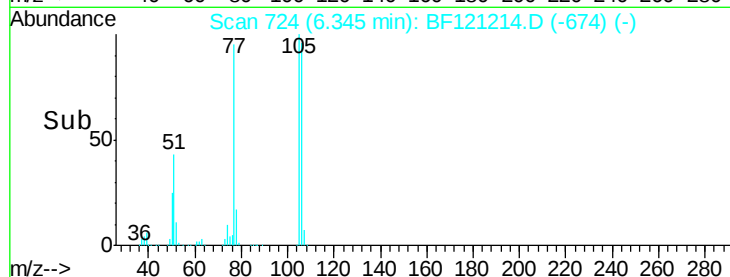
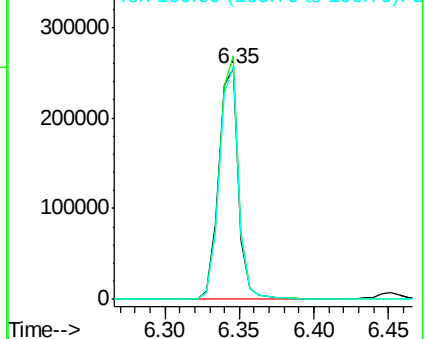
106 101.3 78.9 118.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.584 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

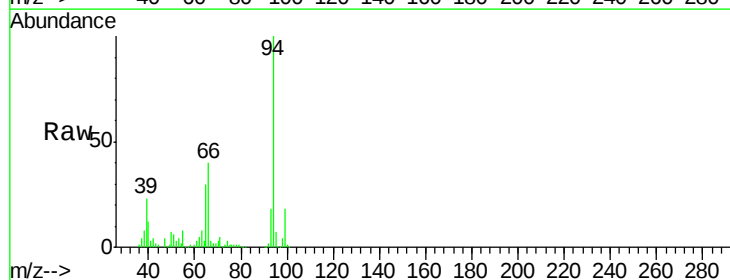
Tgt Ion: 94 Resp: 449021

Ion Ratio Lower Upper

94 100

65 30.0 12.6 52.6

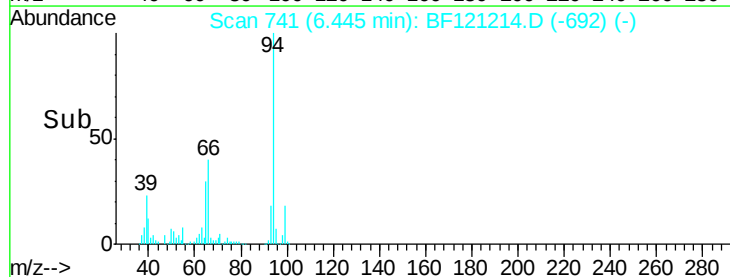
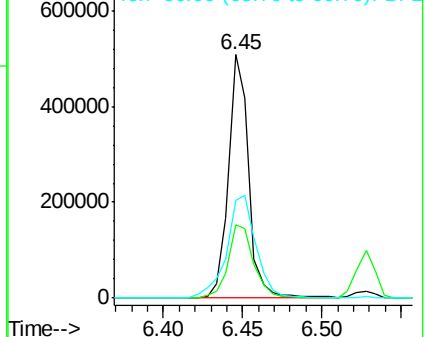
66 40.1 25.6 65.6

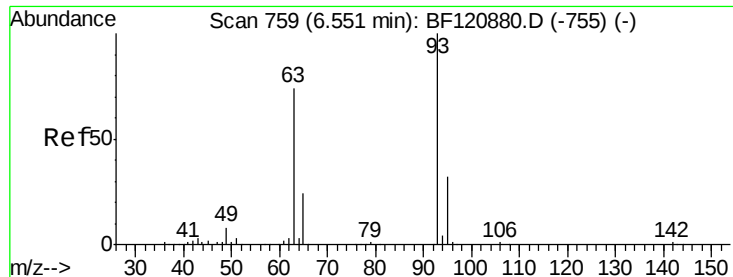


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

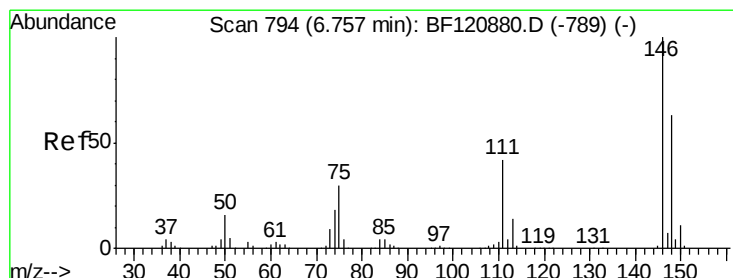
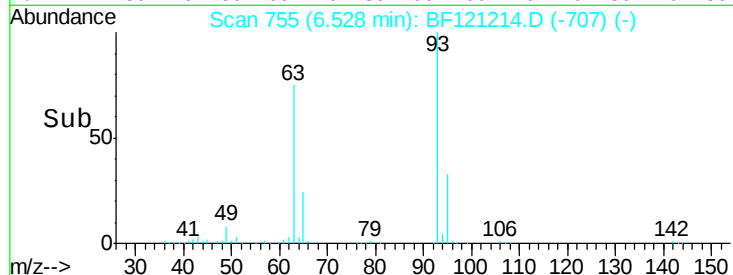
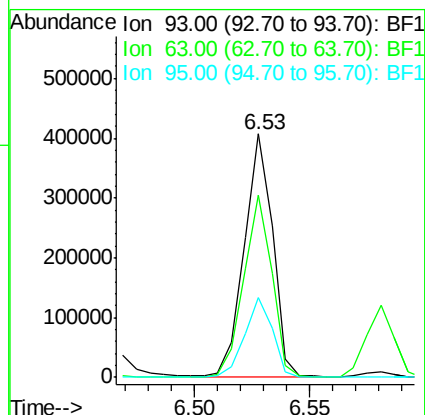
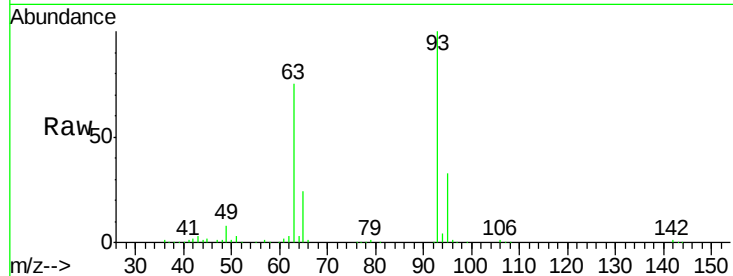




#11
bis(2-Chloroethyl)ether
Concen: 39.220 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

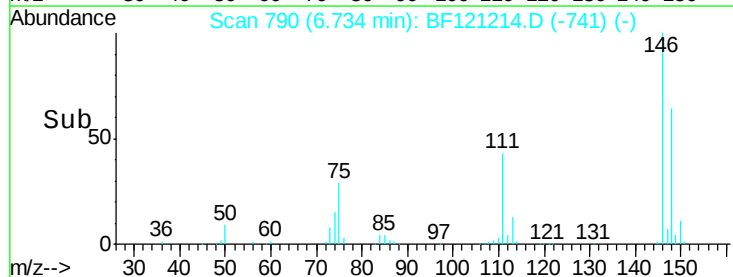
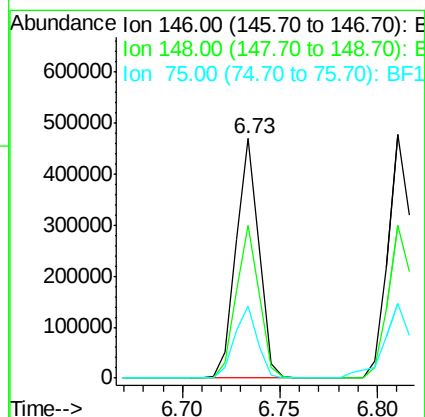
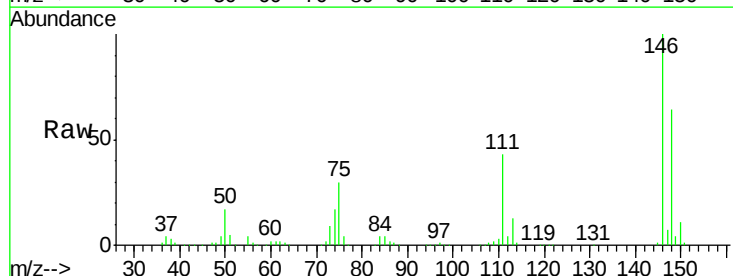
Instrument :
BNA_F
ClientSampleId :
8/5-A-EMS

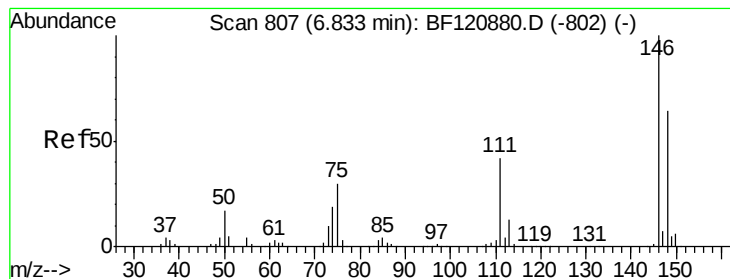
Tot Ion: 93 Resp: 349791
Ion Ratio Lower Upper
93 100
63 74.6 51.9 91.9
95 32.7 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 38.983 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

Tgt Ion: 146 Resp: 381380
Ion Ratio Lower Upper
146 100
148 63.5 51.7 77.5
75 30.1 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 40.042 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

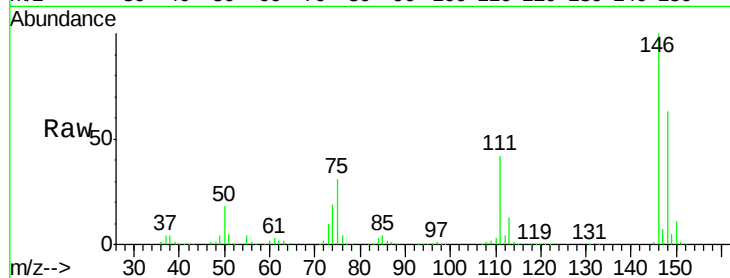
Tot Ion:146 Resp: 389536

Ion Ratio Lower Upper

146 100

148 62.8 50.5 75.7

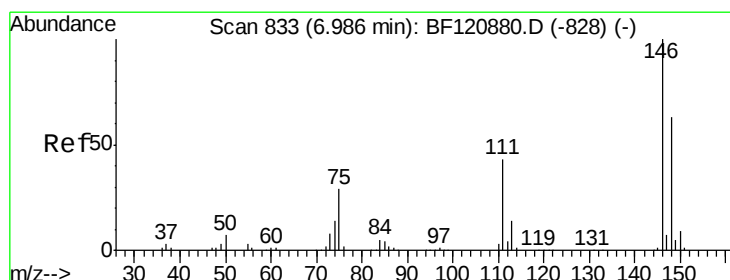
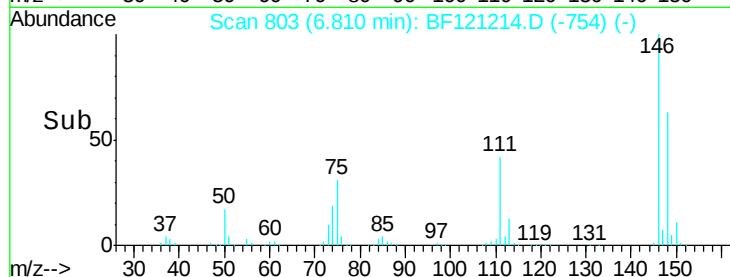
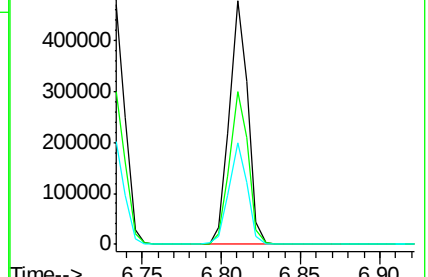
111 41.7 32.8 49.2



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



#14

1,2-Dichlorobenzene

Concen: 40.269 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

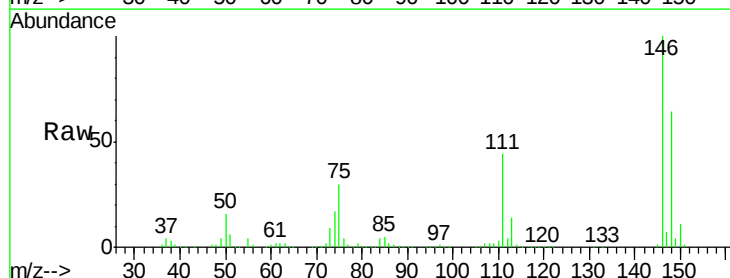
Tgt Ion:146 Resp: 370599

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

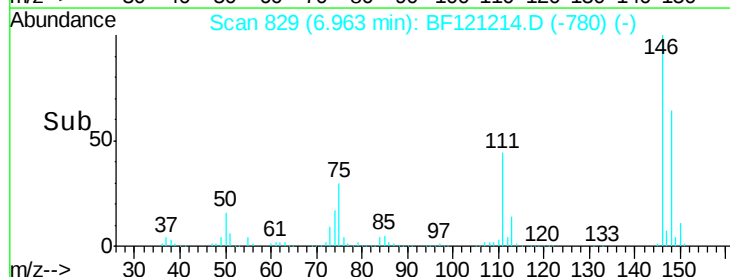
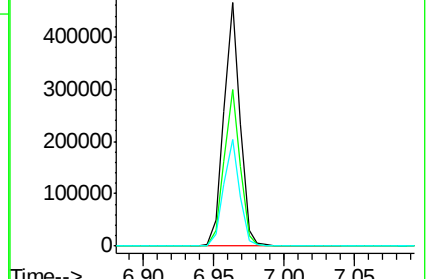
111 43.6 35.4 53.0



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: 39.765 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

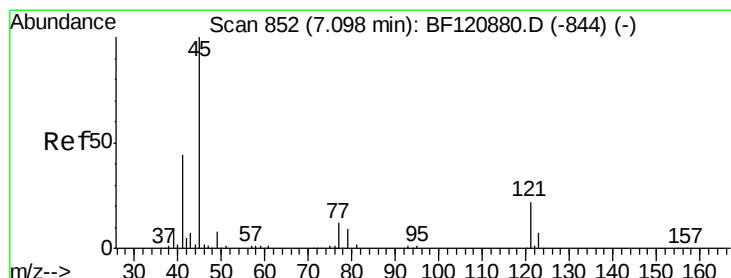
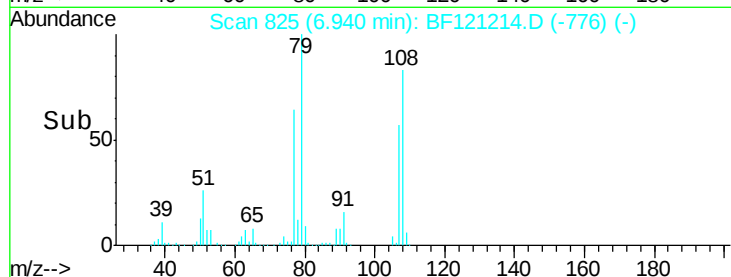
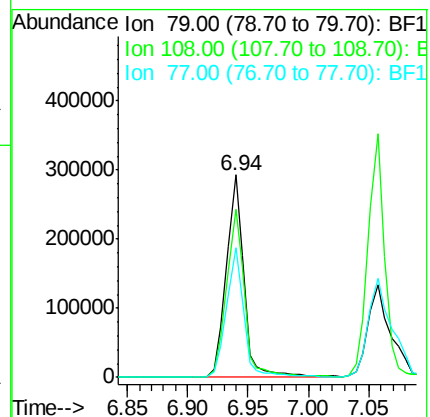
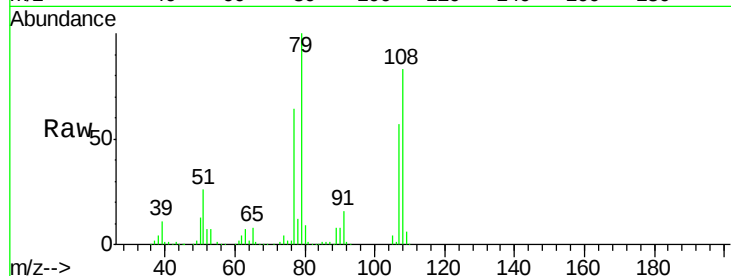
Tot Ion: 79 Resp: 297498

Ion Ratio Lower Upper

79 100

108 83.3 68.6 103.0

77 63.9 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.936 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

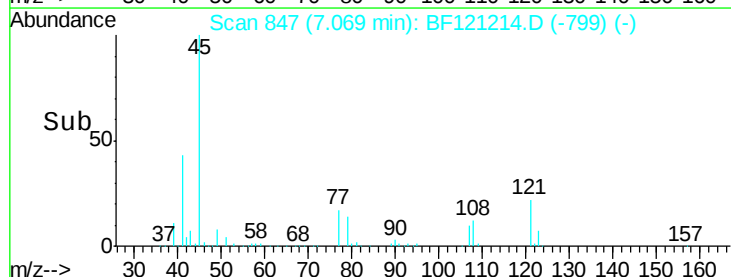
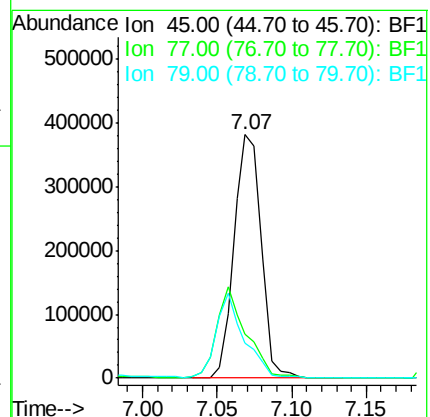
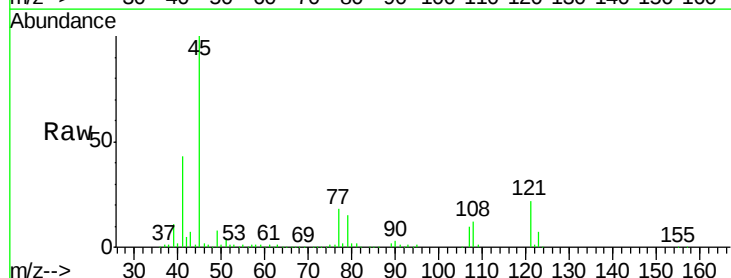
Tgt Ion: 45 Resp: 487678

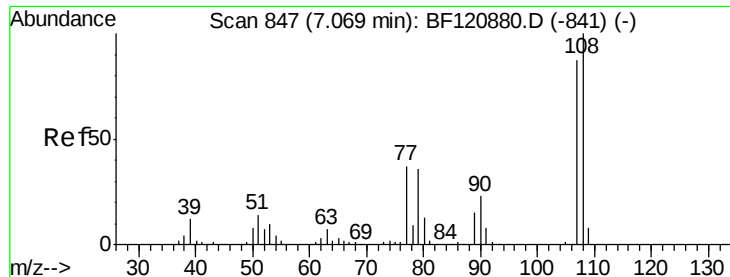
Ion Ratio Lower Upper

45 100

77 18.0 0.0 34.7

79 14.5 0.0 32.0





#17

2-Methylphenol

Concen: 36.574 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

Tot Ion:107 Resp: 292473

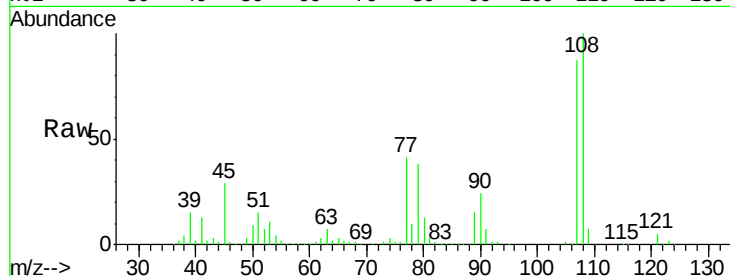
Ion Ratio Lower Upper

107 100

108 115.3 91.2 136.8

77 47.1 36.5 54.7

79 43.6 35.0 52.6

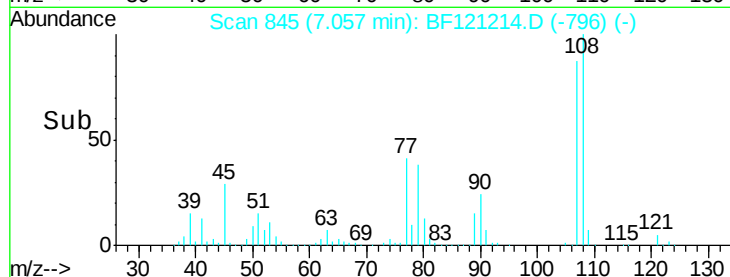


Abundance Ion 107.00 (106.70 to 107.70): E

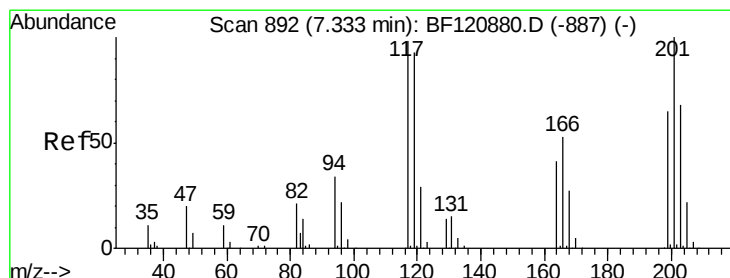
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 37.999 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

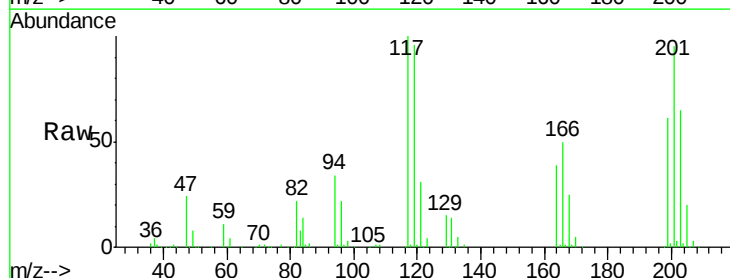
Tgt Ion:117 Resp: 133796

Ion Ratio Lower Upper

117 100

119 95.8 76.6 114.8

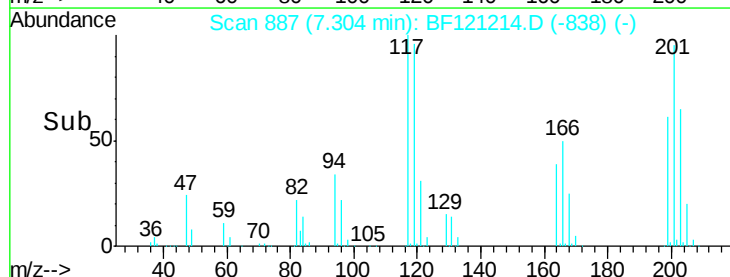
201 94.5 75.0 112.4



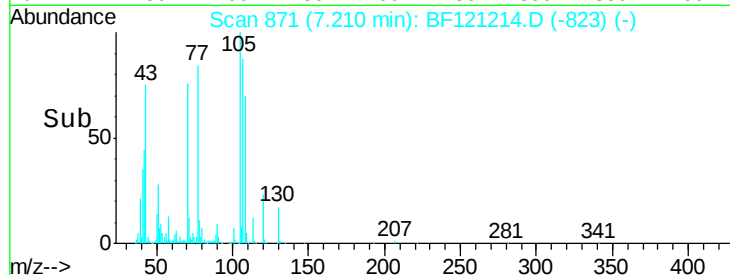
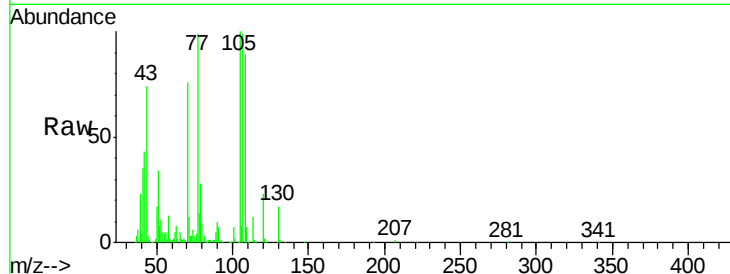
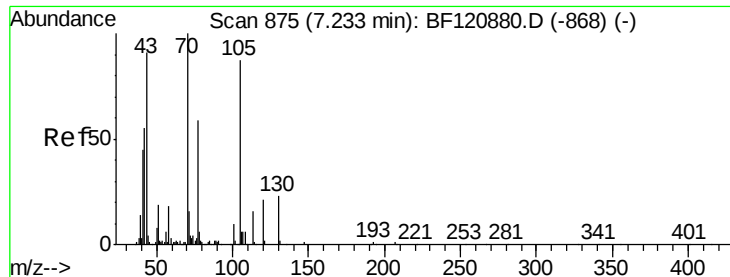
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



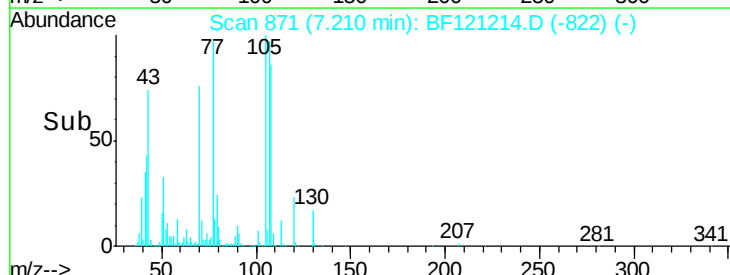
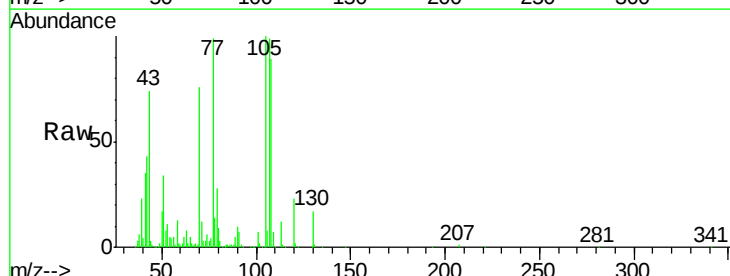
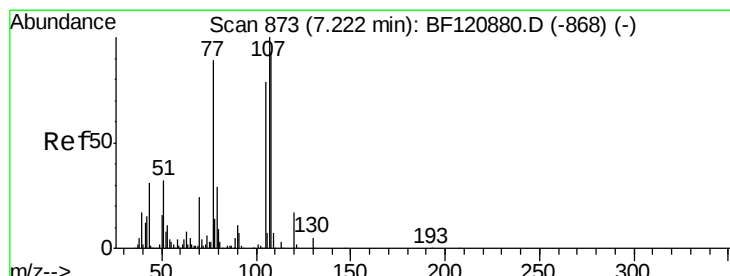
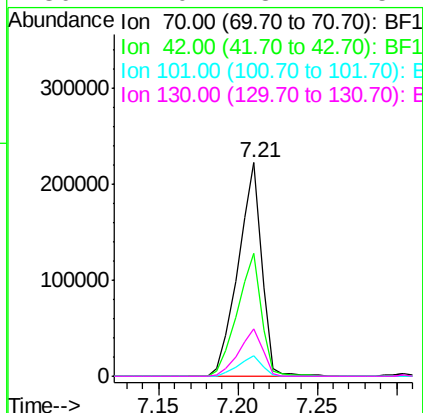
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 37.895 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

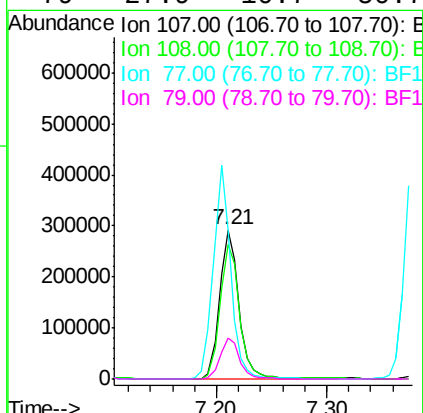
Instrument :
BNA_F
ClientSampleId :
8/5-A-EMS

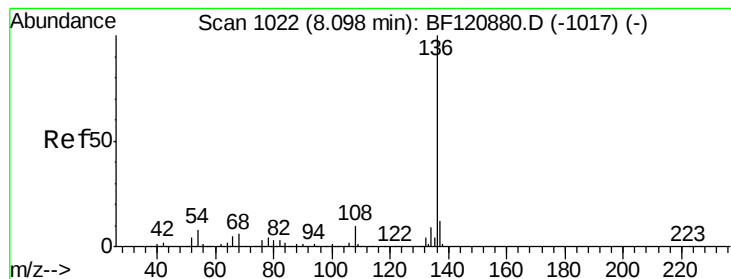
Tot Ion:	70	Resp:	227967
Ion	Ratio	Lower	Upper
70	100		
42	57.3	43.3	64.9
101	9.8	8.4	12.6
130	22.0	18.7	28.1



#20
3+4-Methylphenols
Concen: 34.832 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

Tgt Ion:	107	Resp:	354332
Ion	Ratio	Lower	Upper
107	100		
108	90.1	73.7	113.7
77	100.3	84.9	124.9
79	27.9	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

Tot Ion:136 Resp: 523052

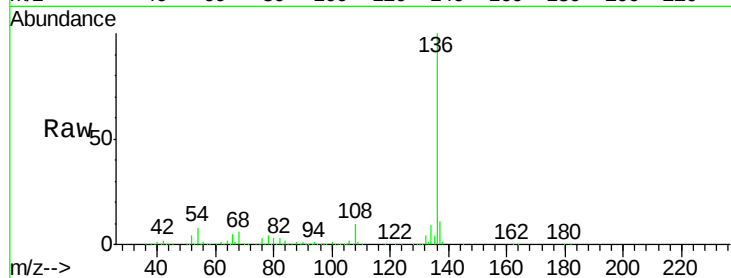
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.8 6.1 9.1

68 6.1 5.0 7.6

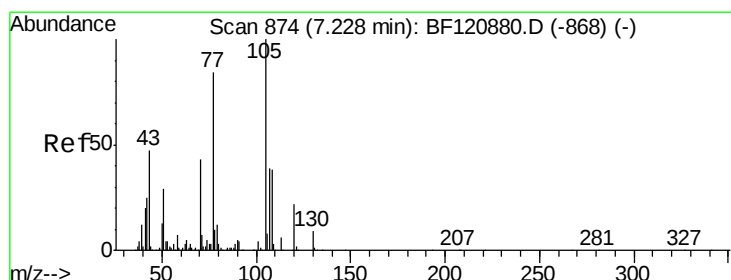
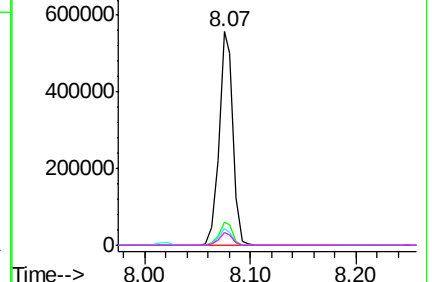
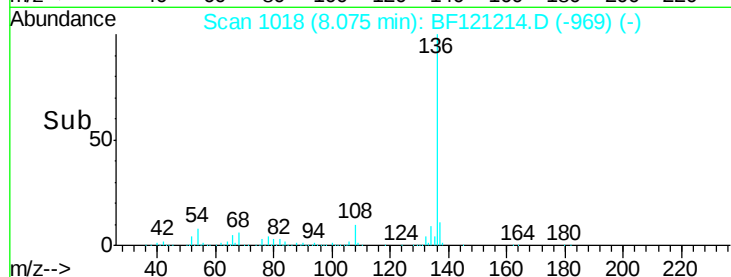


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.272 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Tgt Ion:105 Resp: 472743

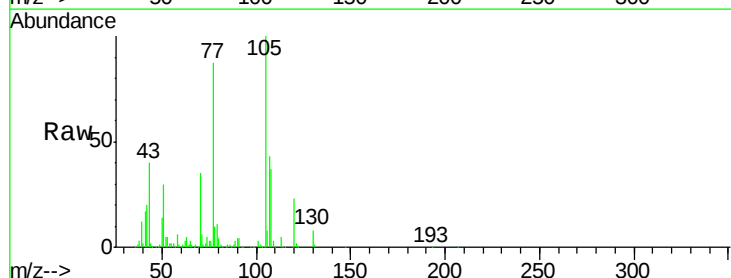
Ion Ratio Lower Upper

105 100

71 5.9 3.8 5.8#

51 30.5 28.0 42.0

120 22.6 17.8 26.6

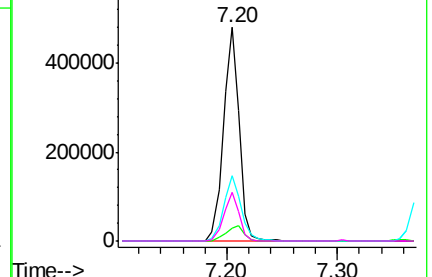
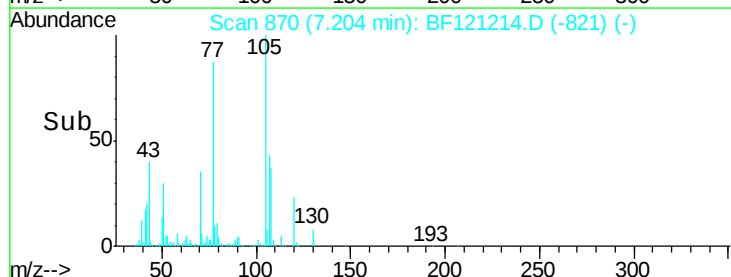


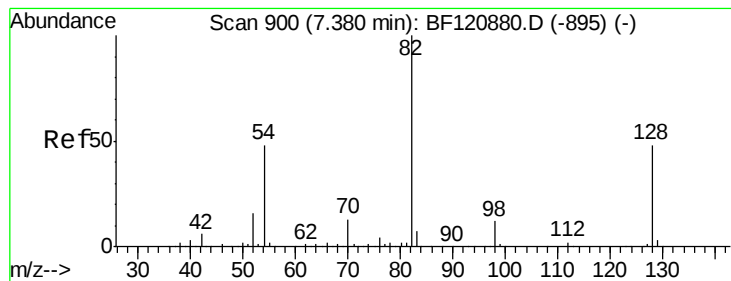
Abundance Ion 105.00 (104.70 to 105.70): E

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: 51.349 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

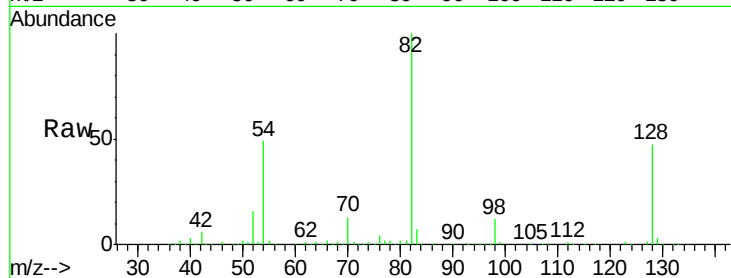
Tot Ion: 82 Resp: 464164

Ion Ratio Lower Upper

82 100

128 46.6 39.2 58.8

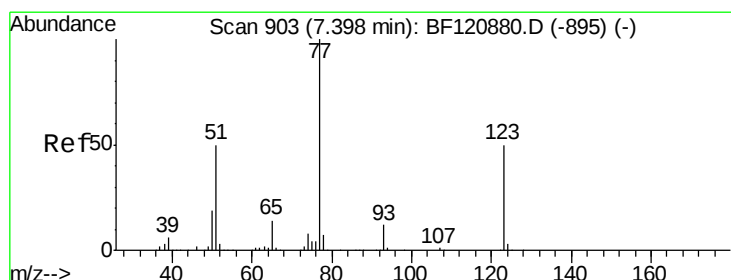
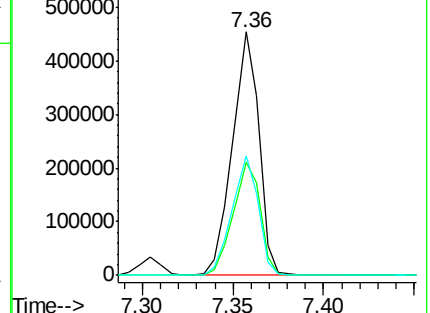
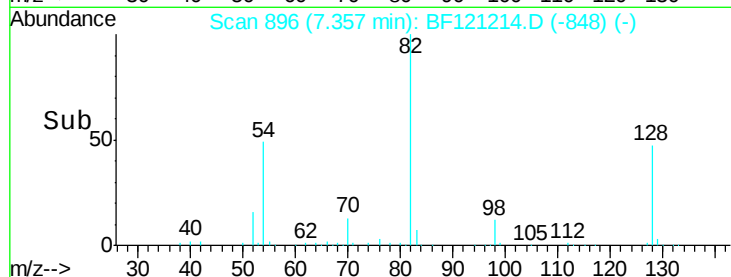
54 49.0 37.8 56.8



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: 38.499 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

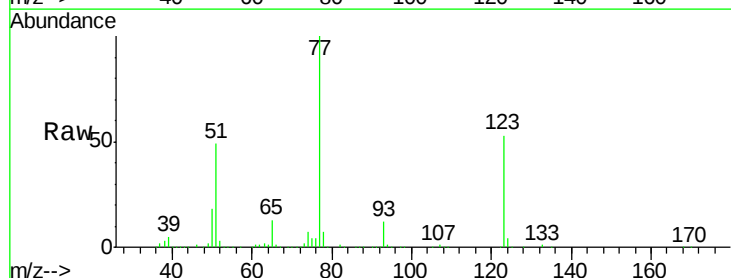
Tgt Ion: 77 Resp: 375088

Ion Ratio Lower Upper

77 100

123 53.0 41.0 61.6

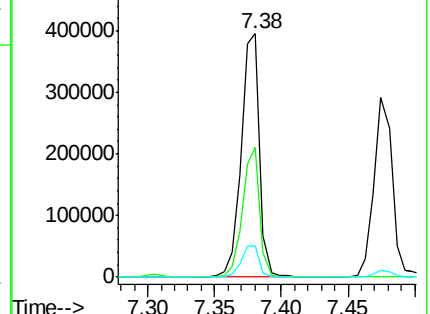
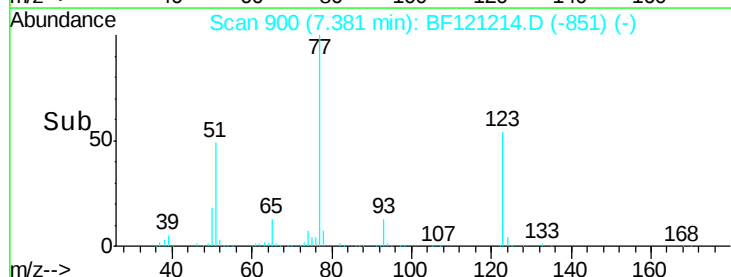
65 12.7 10.3 15.5

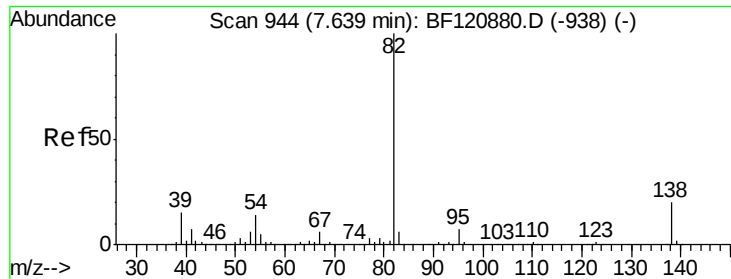


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.369 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

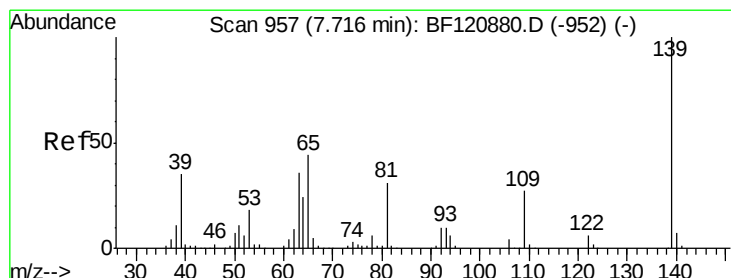
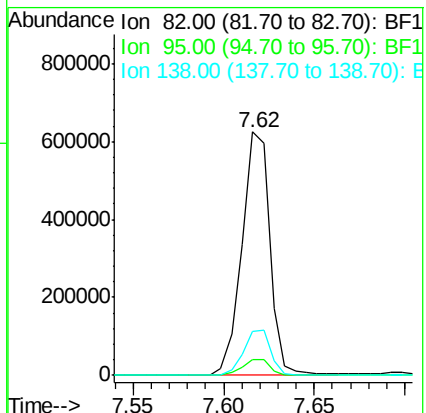
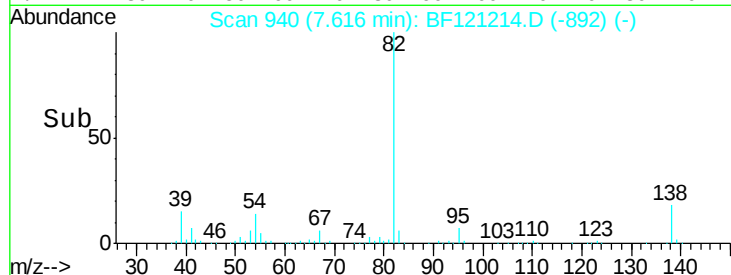
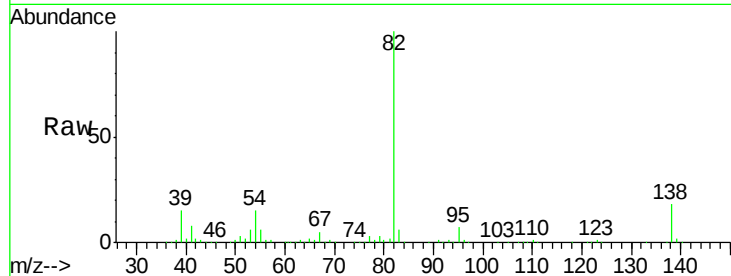
Tot Ion: 82 Resp: 674164

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 17.9 16.2 24.2



#26

2-Nitrophenol

Concen: 42.967 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

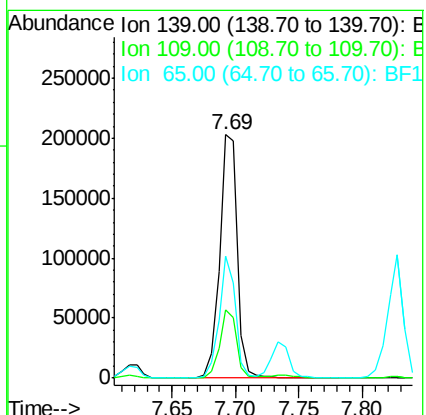
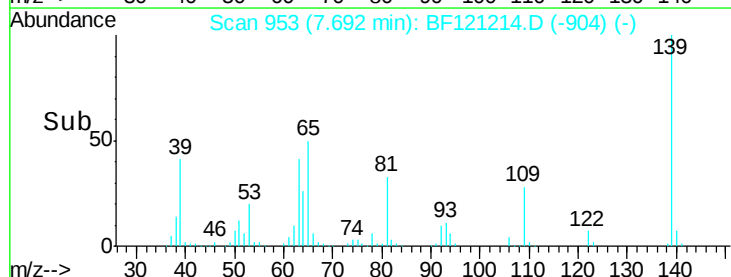
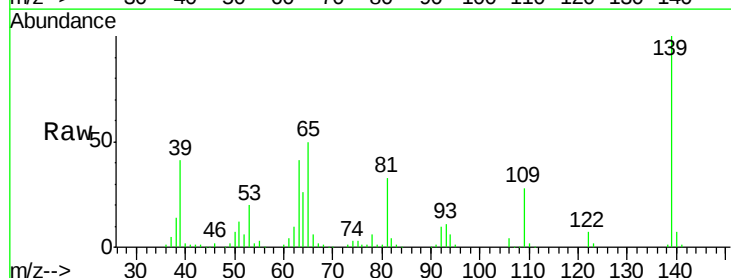
Tgt Ion: 139 Resp: 198815

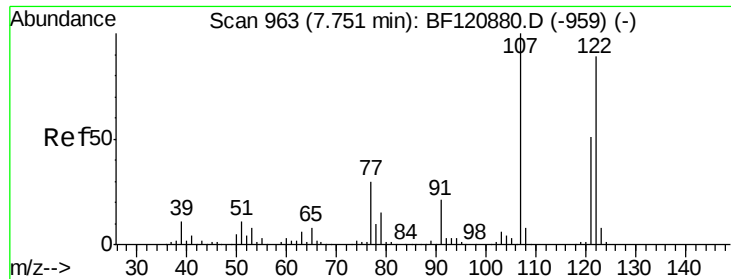
Ion Ratio Lower Upper

139 100

109 27.8 21.7 32.5

65 49.9 36.3 54.5

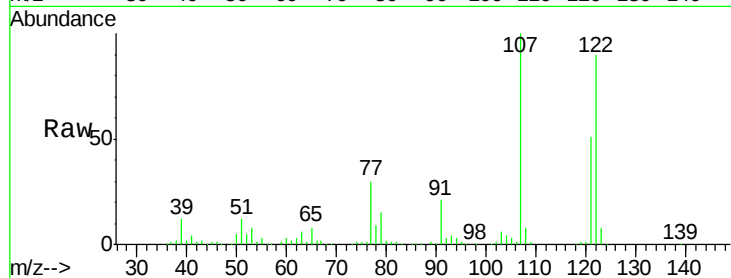




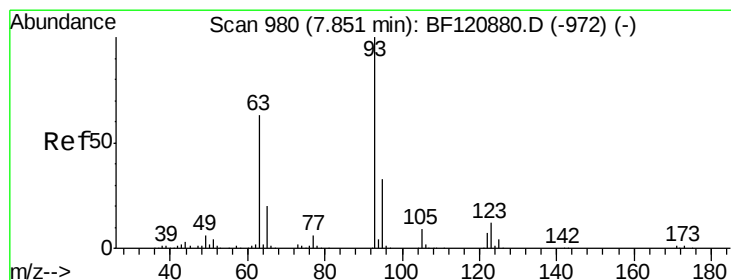
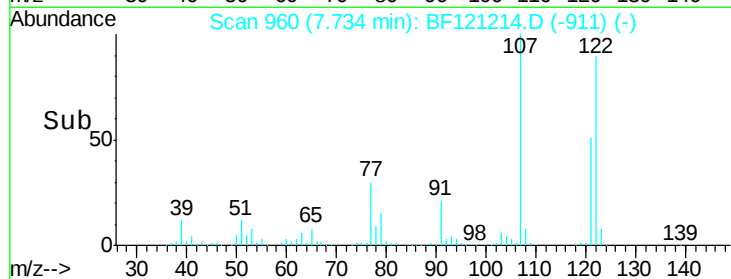
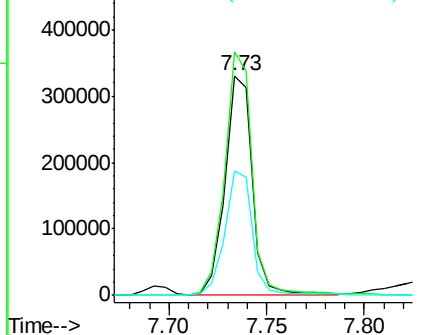
#27
 2,4-Dimethylphenol
 Concen: 43.036 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMS

Tot Ion:122 Resp: 323315
 Ion Ratio Lower Upper
 122 100
 107 110.7 87.1 130.7
 121 56.7 45.5 68.3

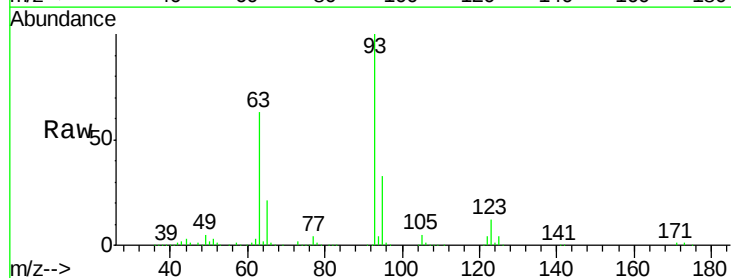


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

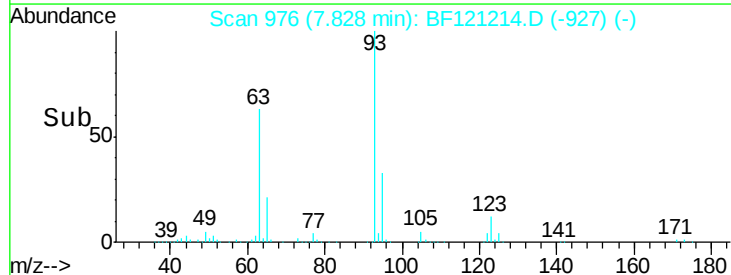
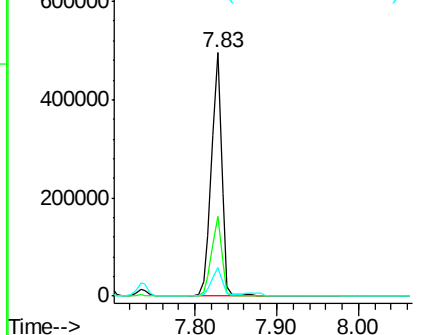


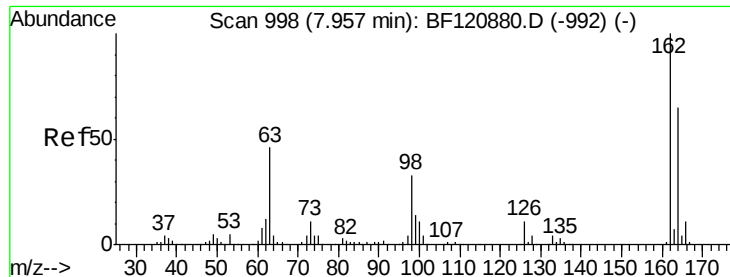
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.508 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

Tgt Ion: 93 Resp: 435081
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.2 39.4
 123 11.9 9.5 14.3



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

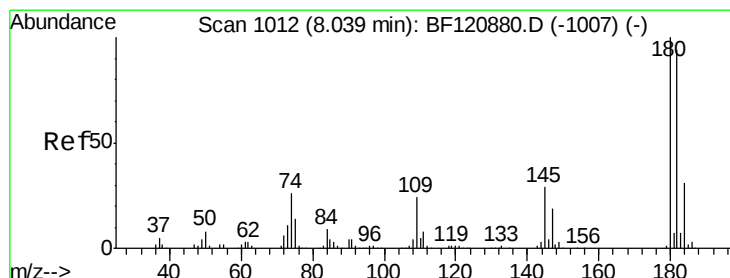
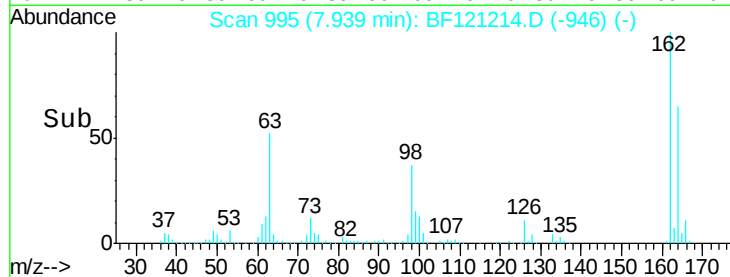
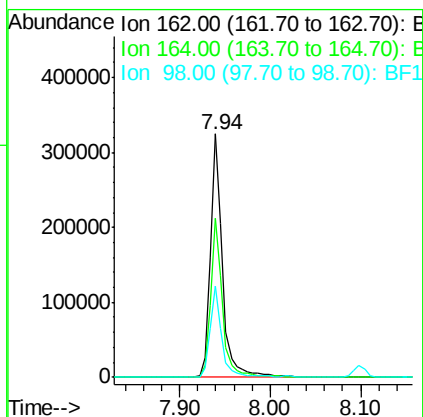
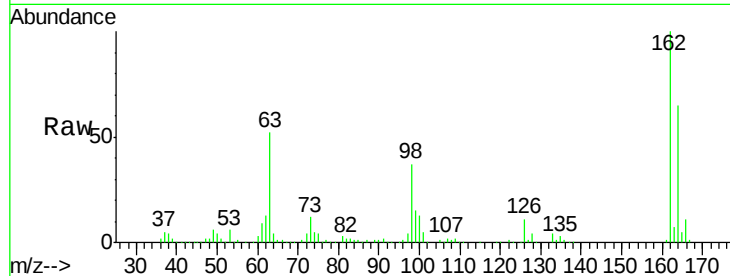




#29
 2,4-Dichlorophenol
 Concen: 39.957 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

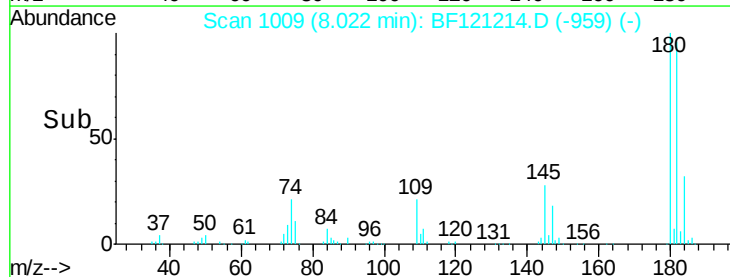
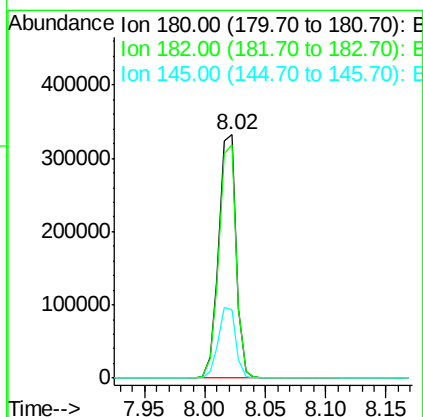
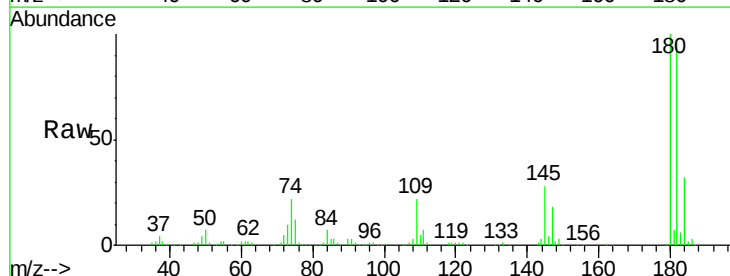
Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMS

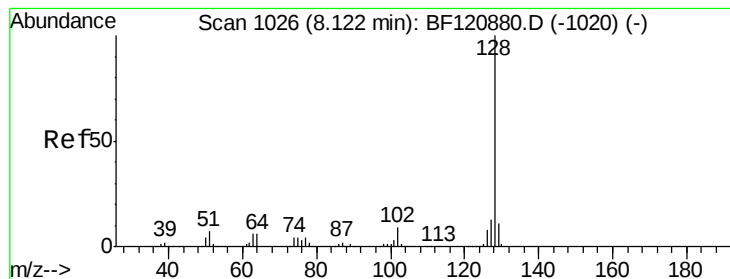
Tot Ion:162 Resp: 306744
 Ion Ratio Lower Upper
 162 100
 164 65.1 44.7 84.7
 98 37.4 14.2 54.2



#30
 1,2,4-Trichlorobenzene
 Concen: 38.678 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

Tgt Ion:180 Resp: 329429
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.4 114.6
 145 28.3 24.2 36.4





#31

Naphthalene

Concen: 38.525 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

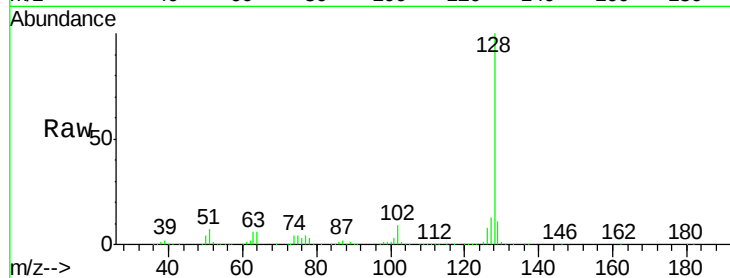
Tot Ion:128 Resp: 1033630

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

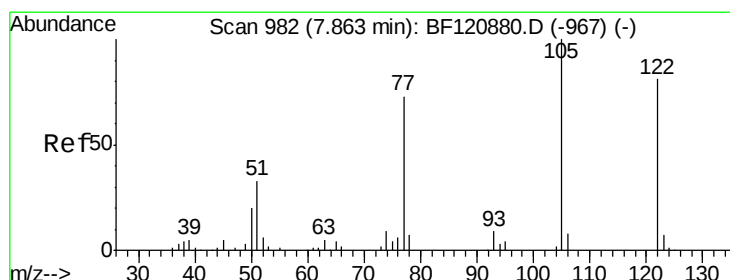
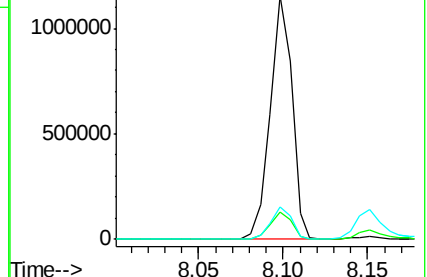
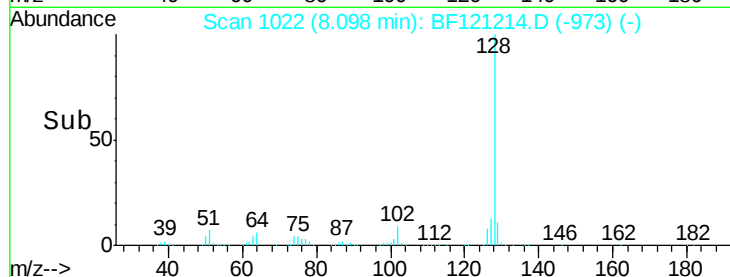
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.117 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

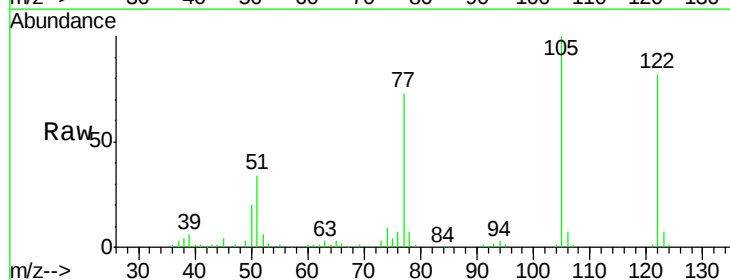
Tgt Ion:122 Resp: 220599

Ion Ratio Lower Upper

122 100

105 121.5 100.9 140.9

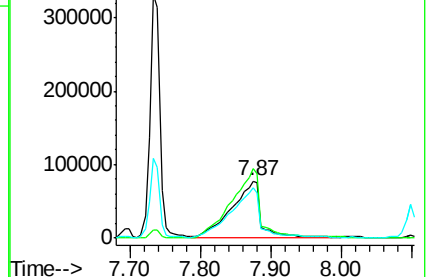
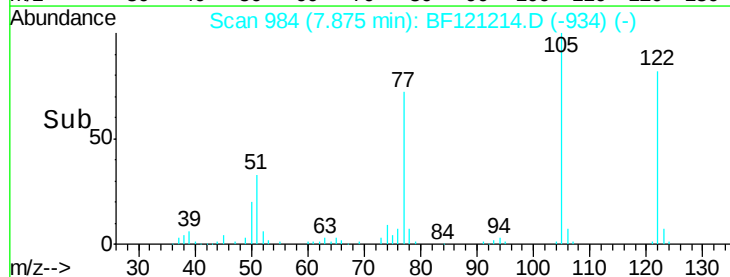
77 89.2 67.8 107.8

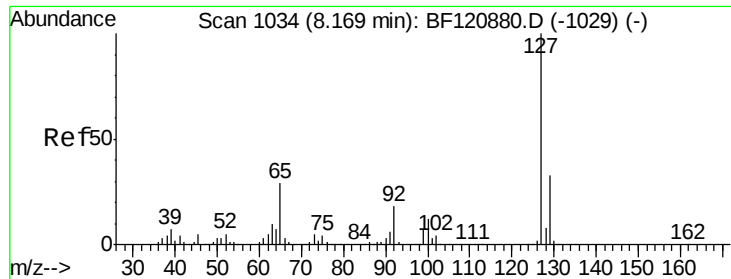


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

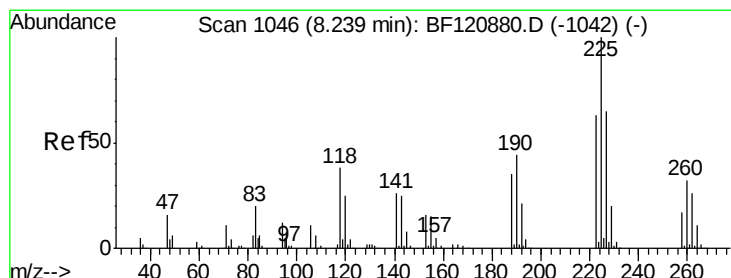
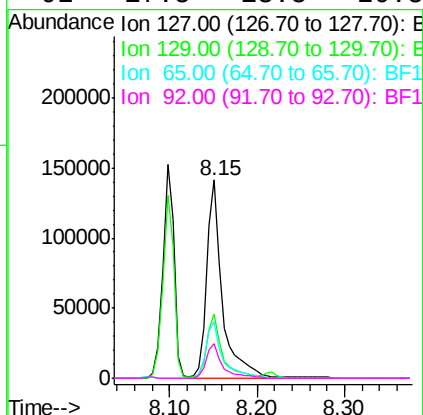
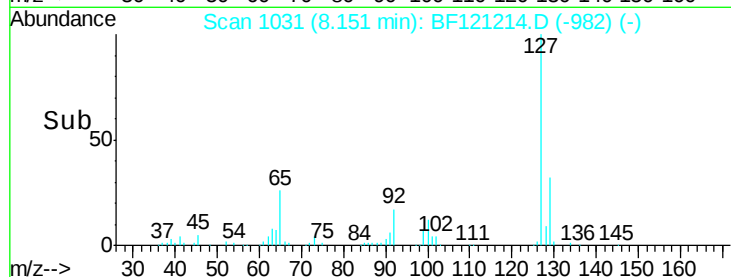
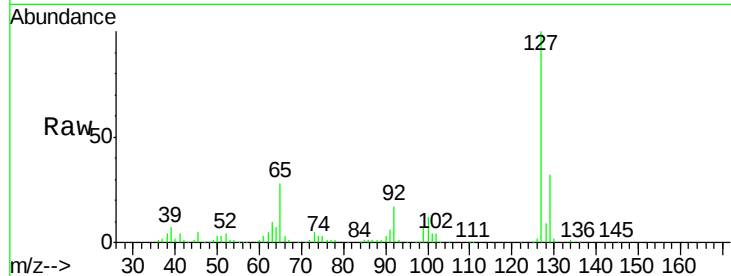




#33
4-Chloroaniline
Concen: 14.707 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

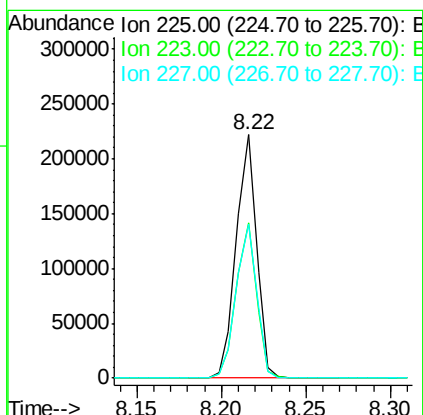
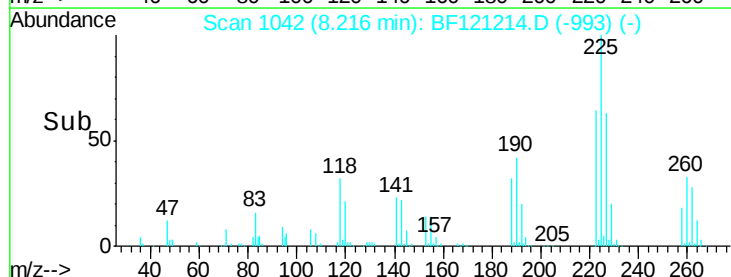
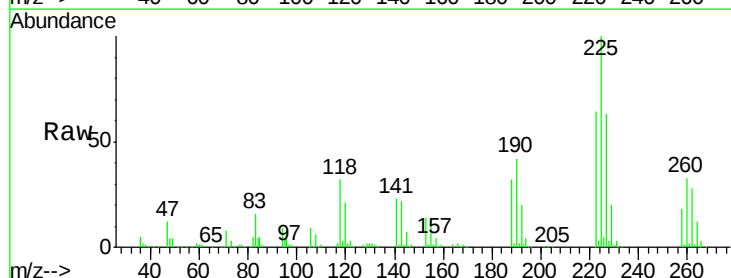
Instrument :
BNA_F
ClientSampleId :
8/5-A-EMS

Tot Ion:	127	Resp:	176024
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	28.3	21.4	32.0
92	17.5	13.8	20.8



#34
Hexachlorobutadiene
Concen: 37.263 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

Tgt Ion:	225	Resp:	187094
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	63.4	51.4	77.0





#35

Caprolactam

Concen: 41.371 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

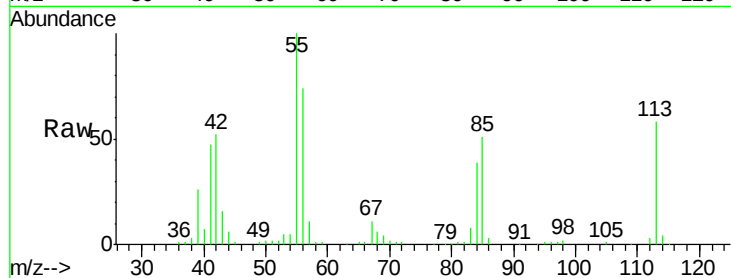
Tot Ion:113 Resp: 101849

Ion Ratio Lower Upper

113 100

55 173.6 131.0 171.0#

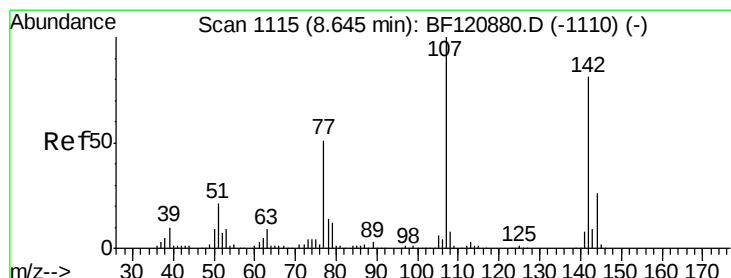
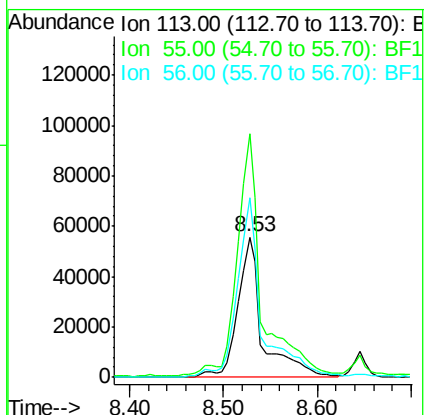
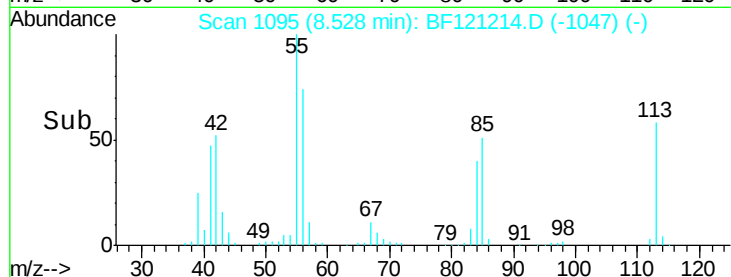
56 127.8 90.4 130.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.827 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

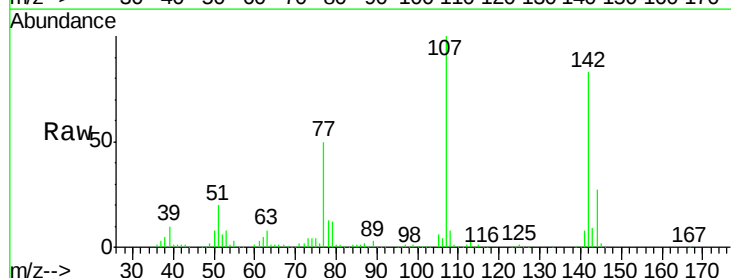
Tgt Ion:107 Resp: 313575

Ion Ratio Lower Upper

107 100

144 27.2 20.9 31.3

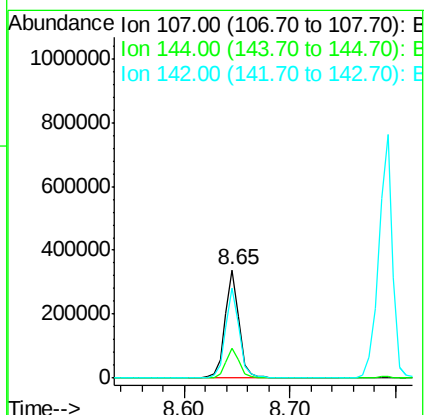
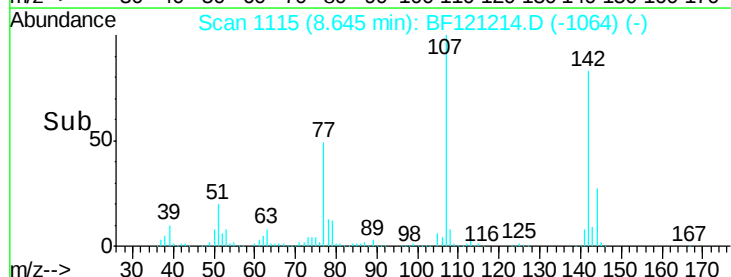
142 82.6 64.5 96.7

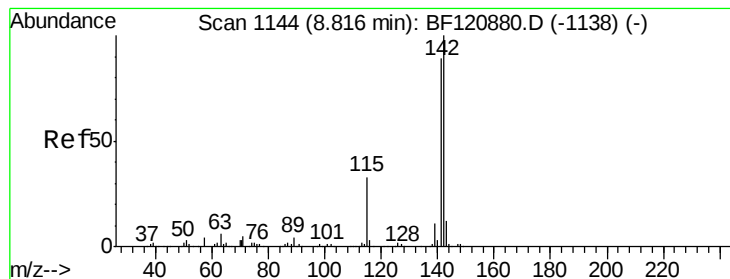


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

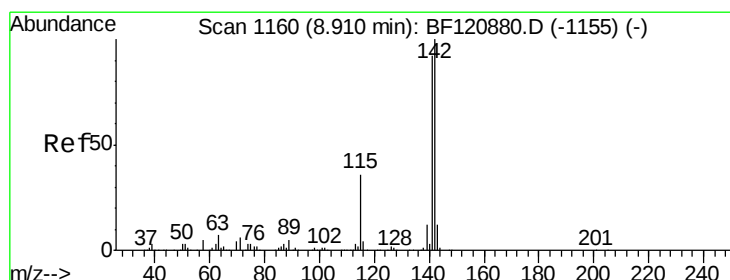
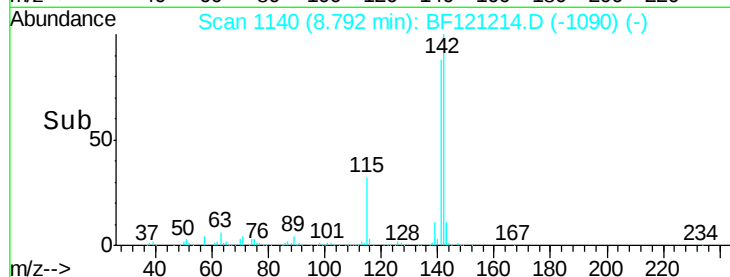
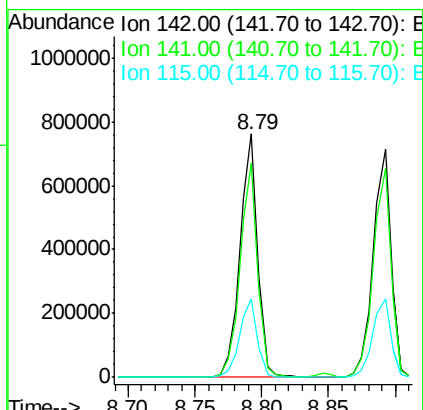
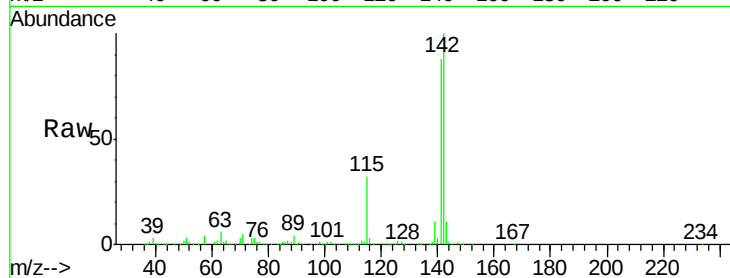




#37
2-Methylnaphthalene
Concen: 40.333 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

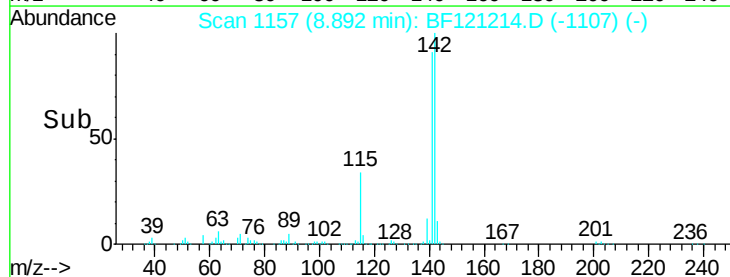
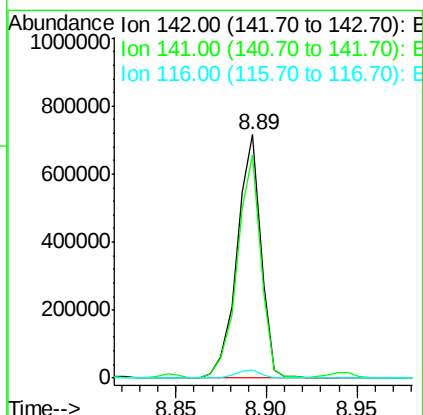
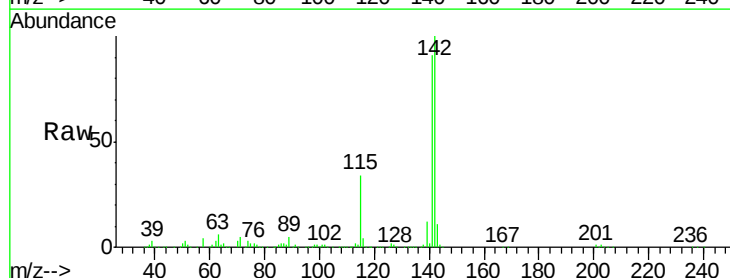
Instrument :
BNA_F
ClientSampleId :
8/5-A-EMS

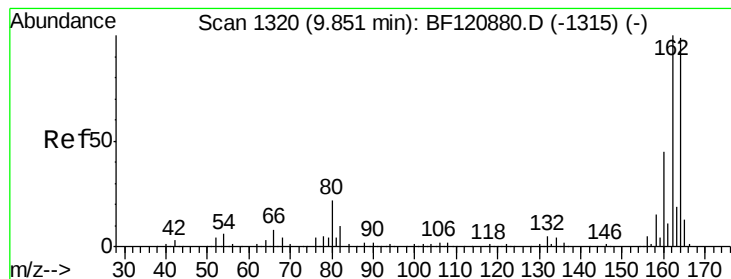
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	105.8
115	32.4	27.1	40.7



#38
1-Methylnaphthalene
Concen: 39.589 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.0	109.6
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

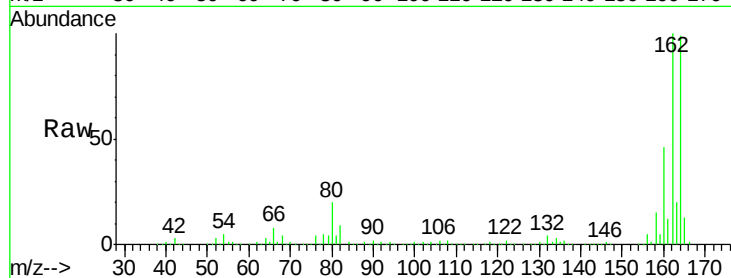
Tot Ion:164 Resp: 267367

Ion Ratio Lower Upper

164 100

162 101.3 82.2 123.2

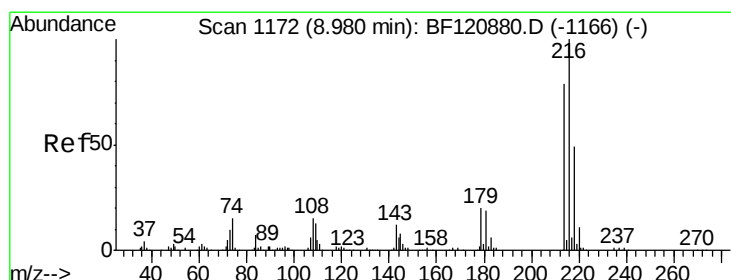
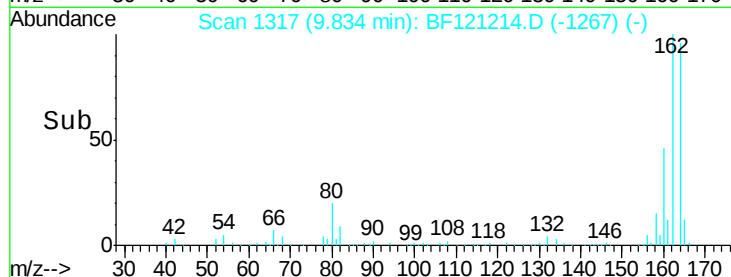
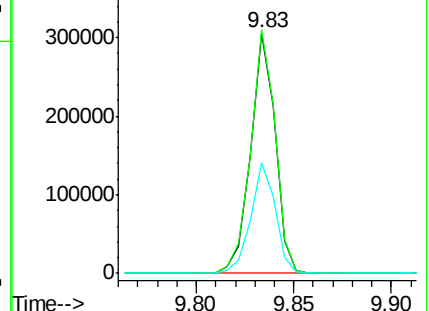
160 46.1 37.2 55.8



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: 42.369 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Tgt Ion:216 Resp: 330050

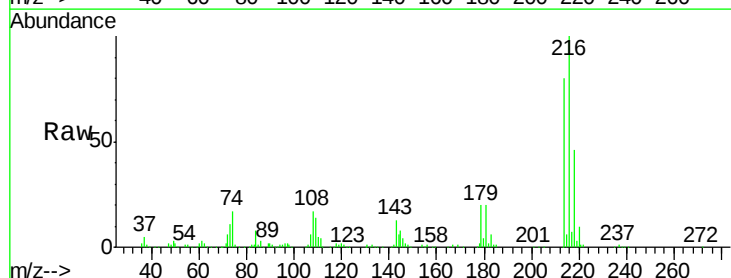
Ion Ratio Lower Upper

216 100

214 79.2 63.9 95.9

179 20.3 16.6 24.8

108 17.9 15.0 22.4

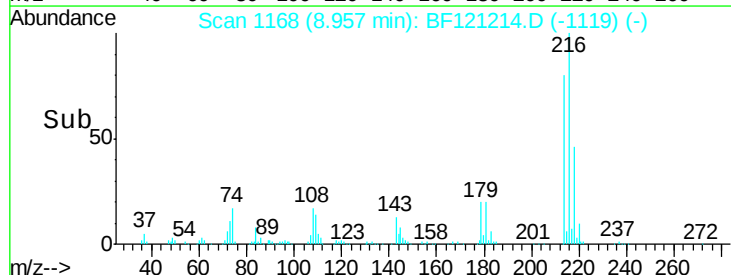
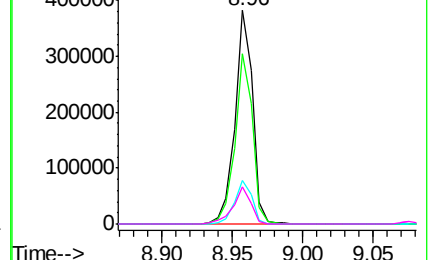


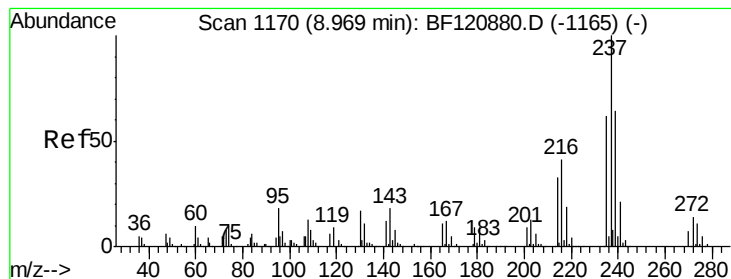
Abundance Ion 216.00 (215.70 to 216.70): E

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: 30.128 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

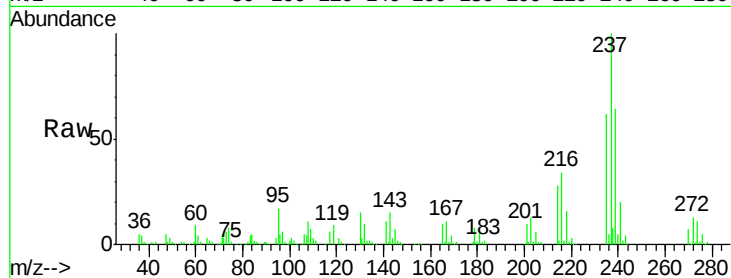
Tot Ion:237 Resp: 129710

Ion Ratio Lower Upper

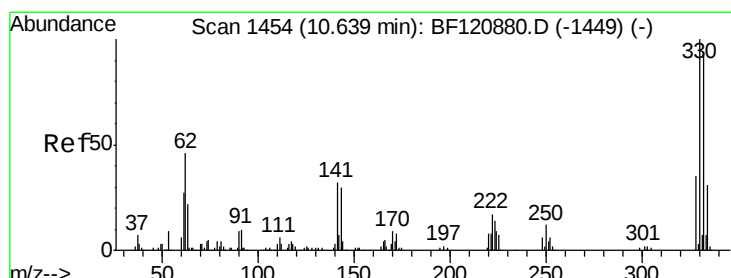
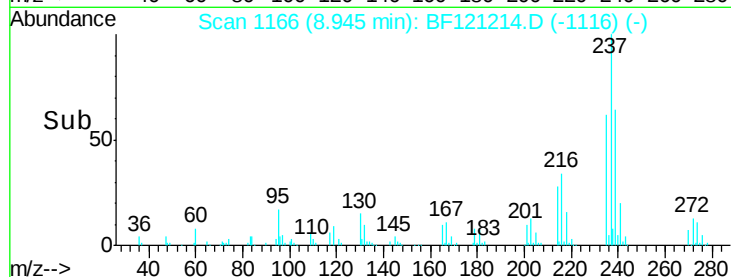
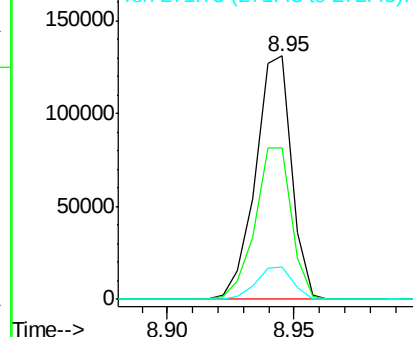
237 100

235 62.3 43.2 83.2

272 13.4 0.0 33.6



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: 72.502 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

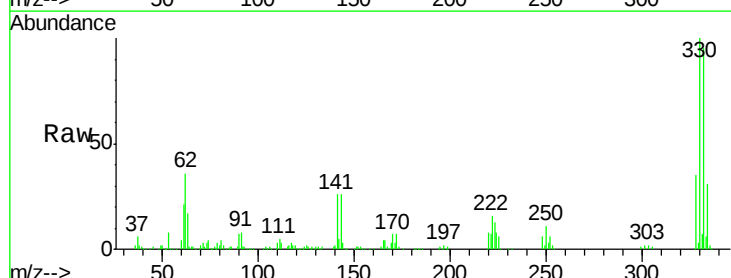
Tgt Ion:330 Resp: 212185

Ion Ratio Lower Upper

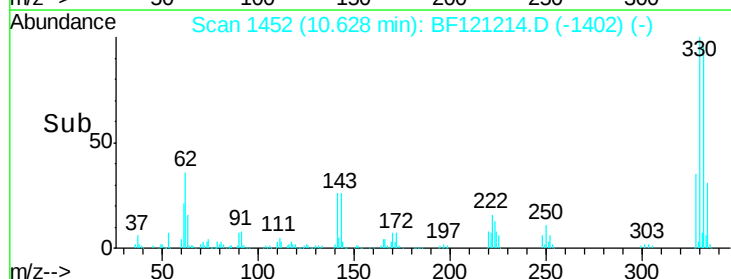
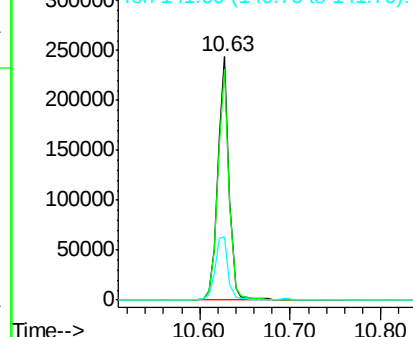
330 100

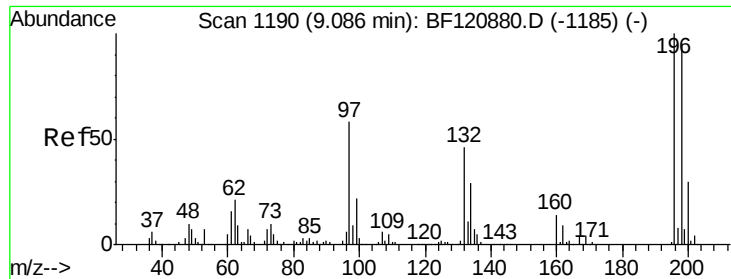
332 95.3 76.1 114.1

141 30.7 24.1 36.1



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

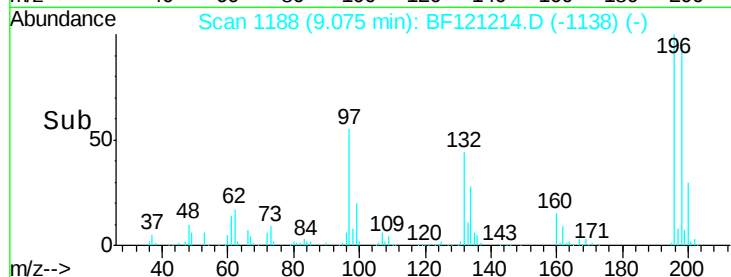
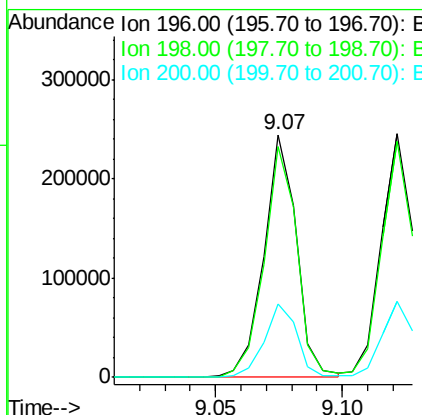
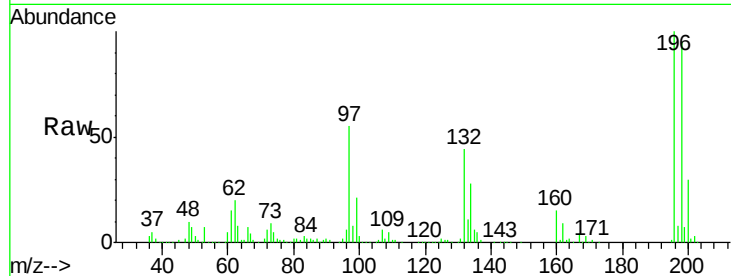




#43
 2,4,6-Trichlorophenol
 Concen: 40.200 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

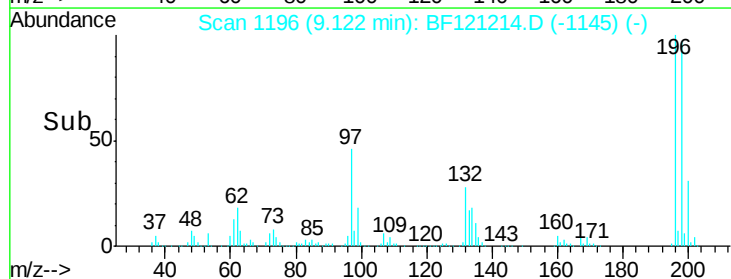
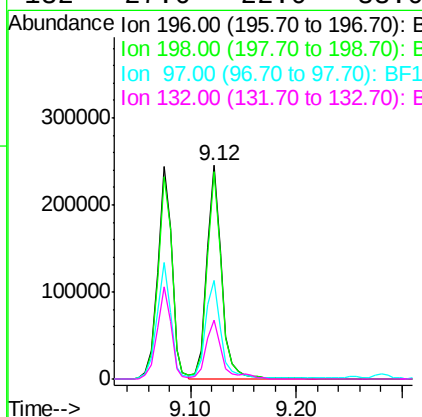
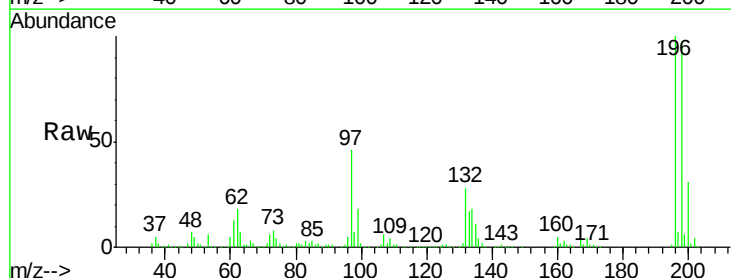
Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMS

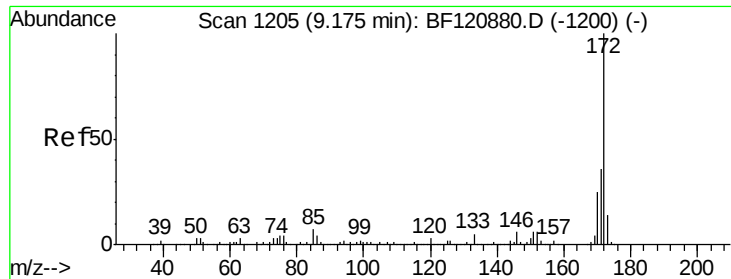
Tot Ion:196 Resp: 220490
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.5 116.3
 200 30.0 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.314 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

Tgt Ion:196 Resp: 238377
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.2 114.4
 97 46.3 37.3 55.9
 132 27.6 22.0 33.0

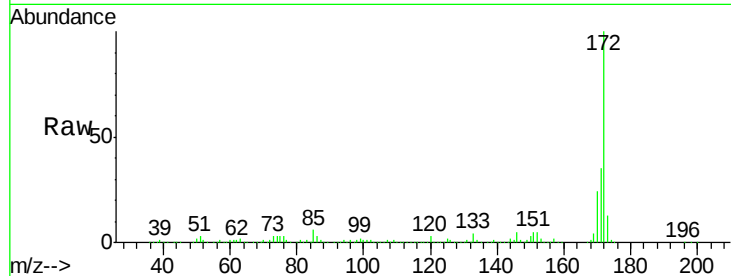




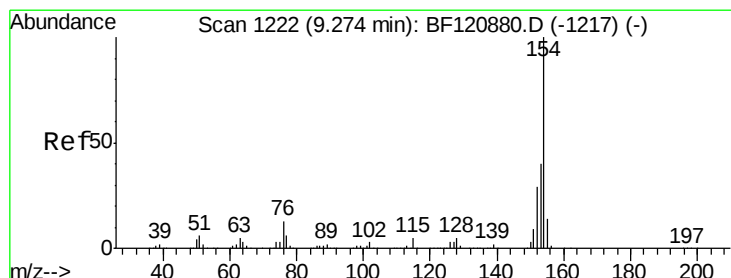
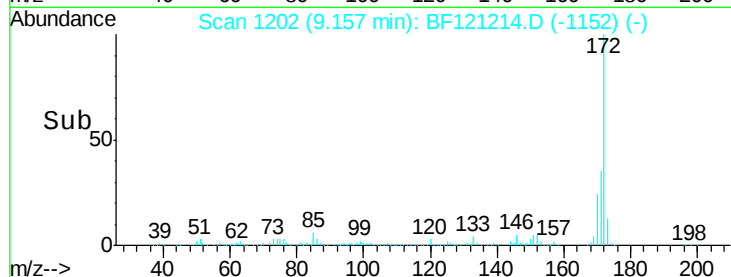
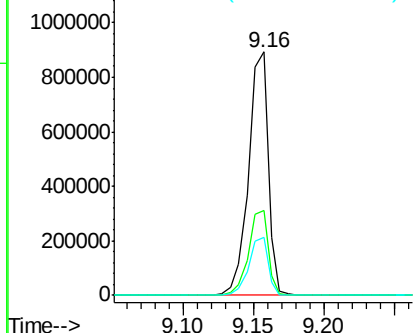
#45
2-Fluorobiphenyl
Concen: 48.910 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMS

Tot Ion:172 Resp: 875862
Ion Ratio Lower Upper
172 100
171 35.1 29.0 43.4
170 23.8 19.6 29.4

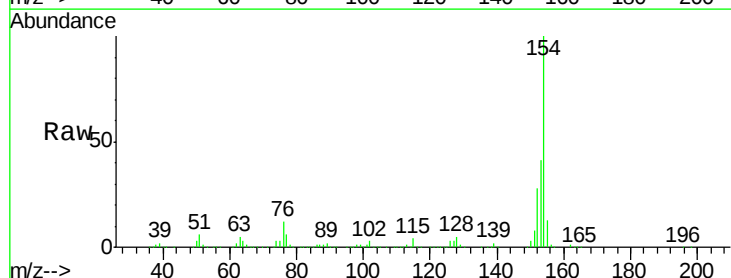


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

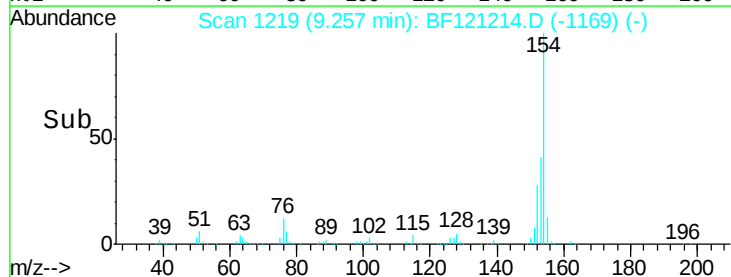
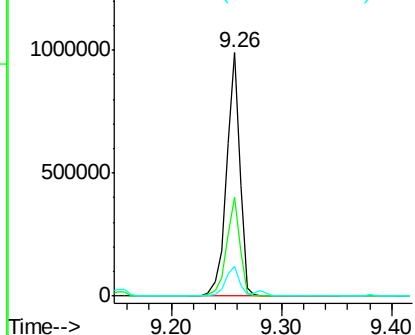


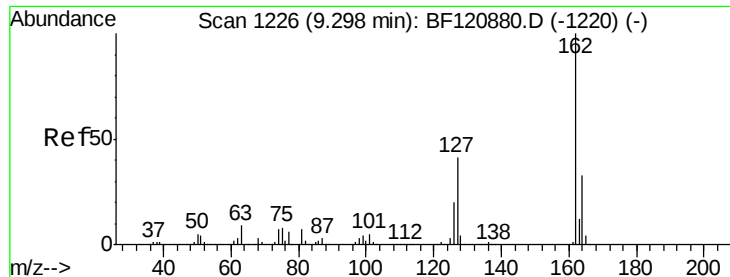
#46
1,1'-Biphenyl
Concen: 40.869 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

Tgt Ion:154 Resp: 833512
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 12.5 0.0 33.4



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

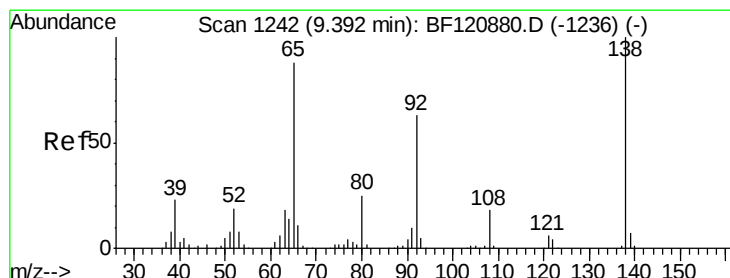
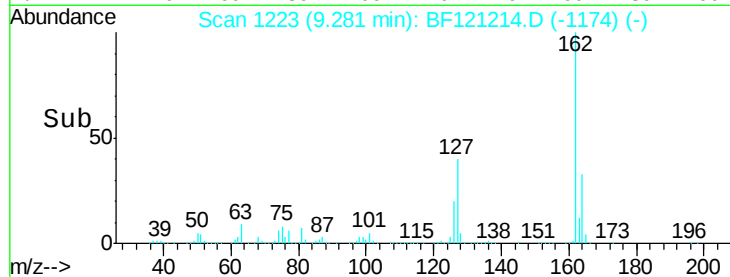
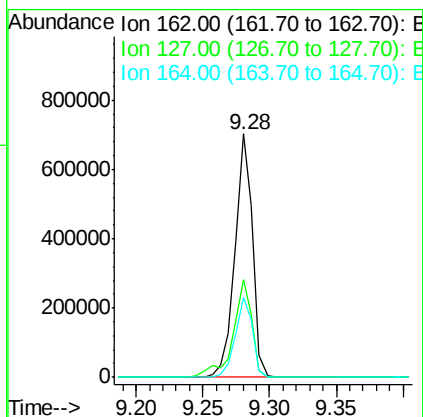
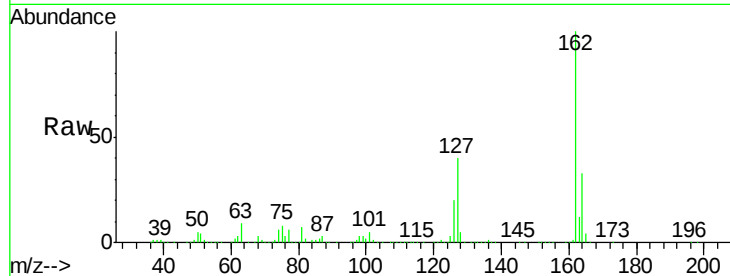




#47
 2-Chloronaphthalene
 Concen: 38.946 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

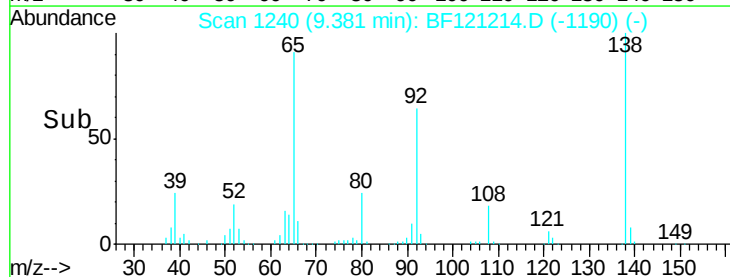
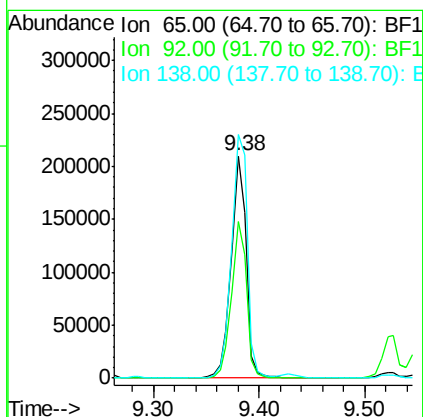
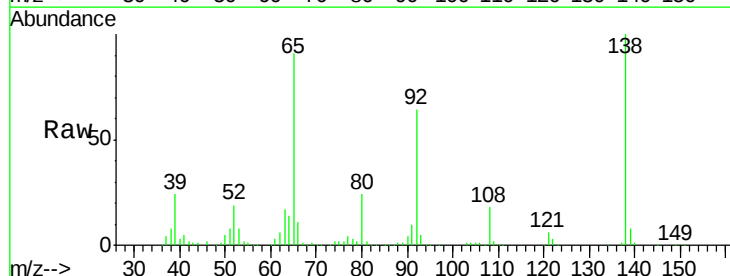
Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMS

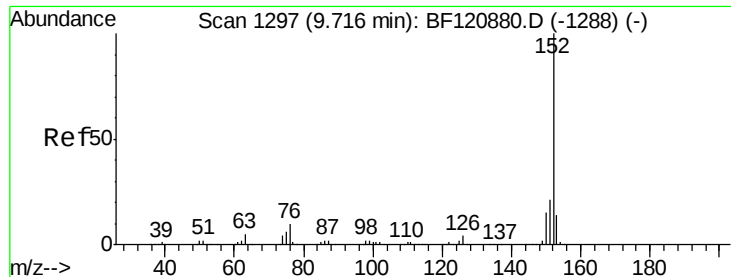
Tot Ion:	162	Resp:	647586
Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.1	46.7
164	32.8	26.6	40.0



#48
 2-Nitroaniline
 Concen: 41.029 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

Tgt Ion:	65	Resp:	206173
Ion	Ratio	Lower	Upper
65	100		
92	70.5	58.0	87.0
138	109.7	93.3	139.9





#49

Acenaphthylene

Concen: 39.757 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

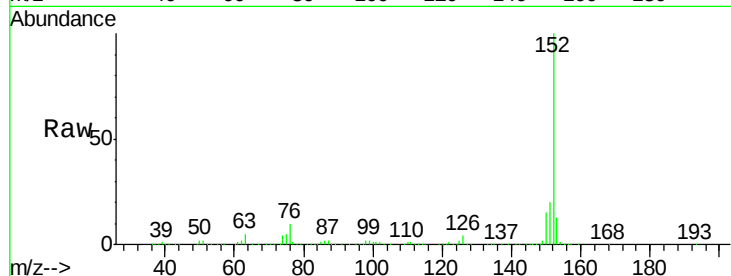
BNA_F

ClientSampleId :

8/5-A-EMS

Tot Ion:152 Resp: 1026986

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0
153	13.5	11.0	16.4

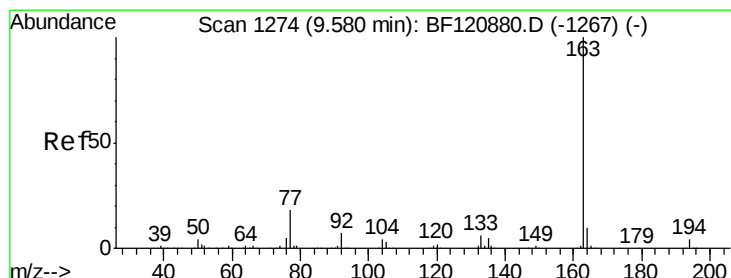
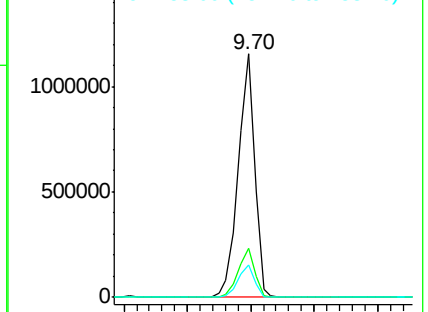
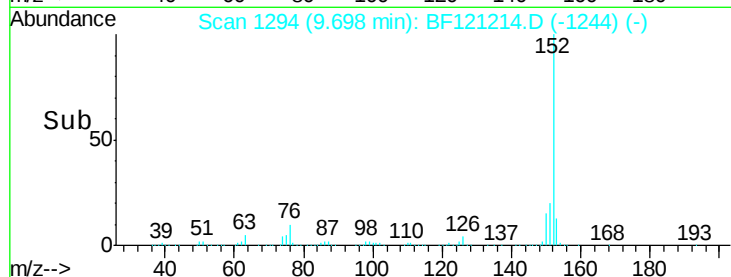


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.900 ng

RT: 9.56 min Scan# 1271

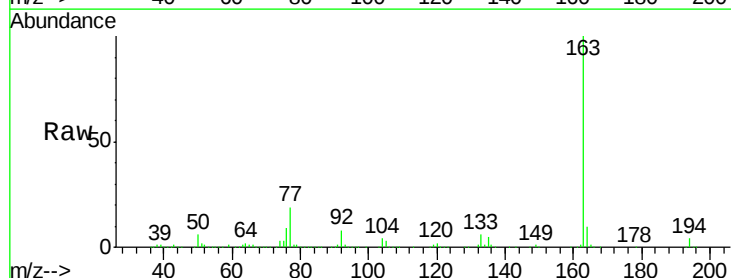
Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Tgt Ion:163 Resp: 866068

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.9	8.4	12.6

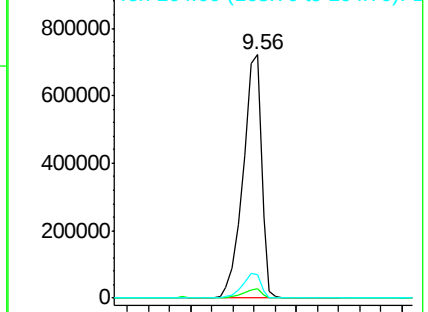
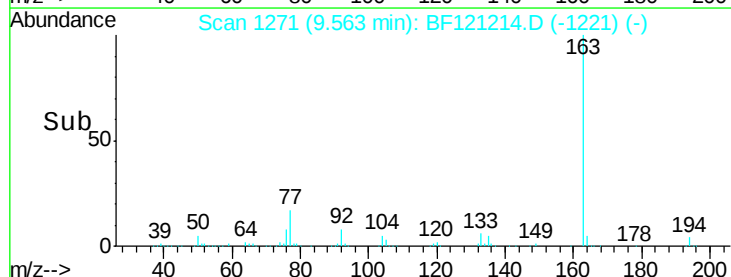


Abundance

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

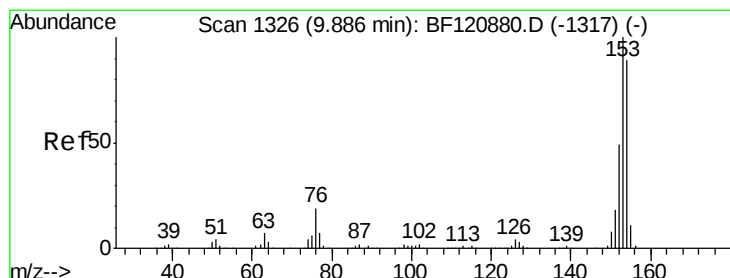
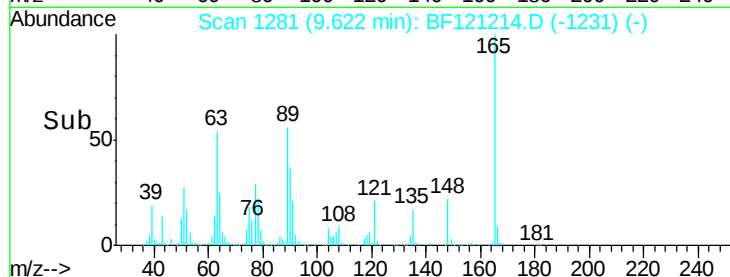
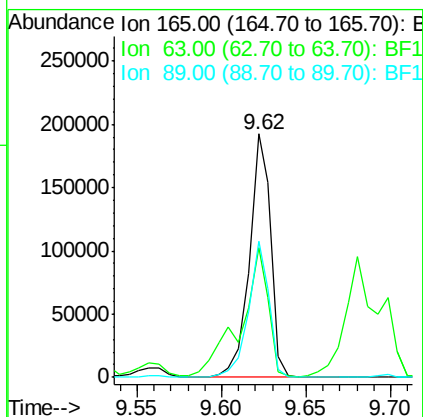
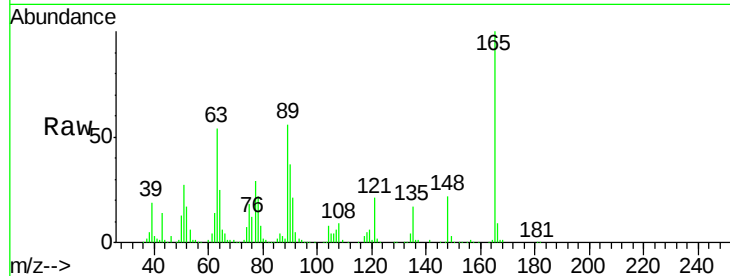




#51
2,6-Dinitrotoluene
Concen: 41.080 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

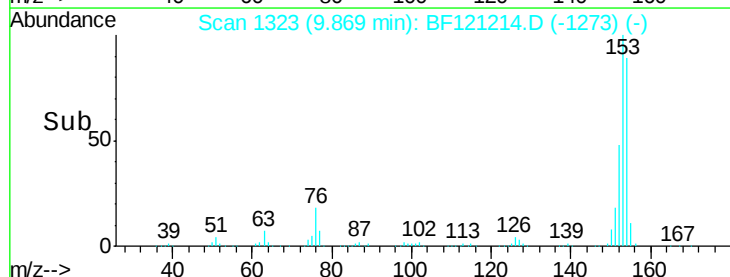
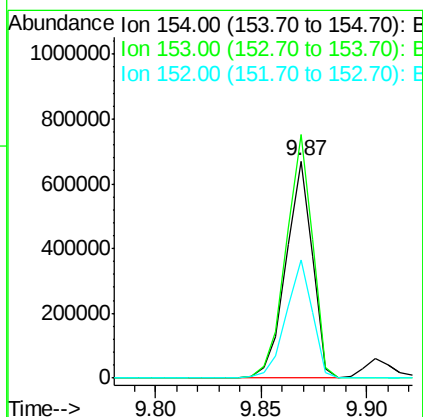
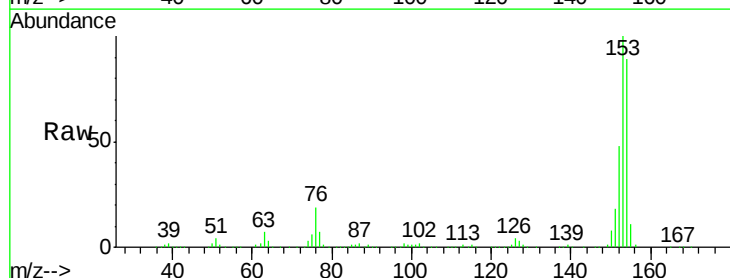
Instrument :
BNA_F
ClientSampleId :
8/5-A-EMS

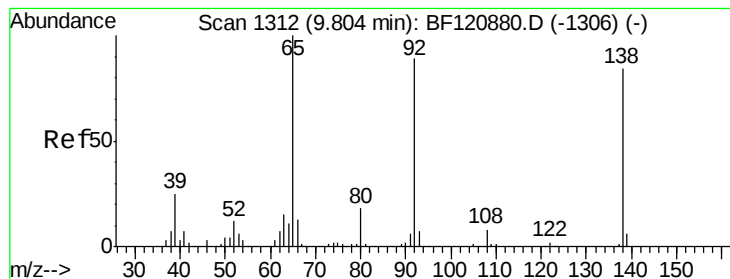
Tot Ion:165 Resp: 170238
Ion Ratio Lower Upper
165 100
63 53.5 41.1 61.7
89 55.9 43.5 65.3



#52
Acenaphthene
Concen: 35.720 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

Tgt Ion:154 Resp: 586628
Ion Ratio Lower Upper
154 100
153 112.0 89.6 134.4
152 54.3 43.8 65.6





#53

3-Nitroaniline

Concen: 18.696 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

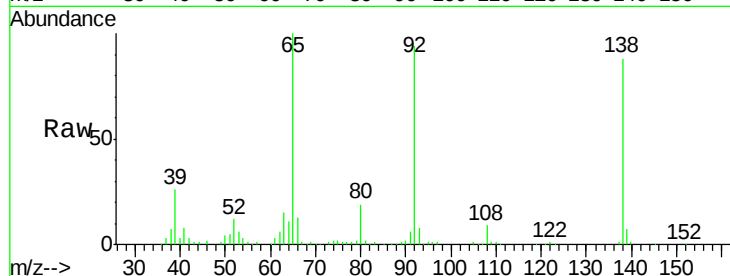
Tot Ion:138 Resp: 97172

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.8

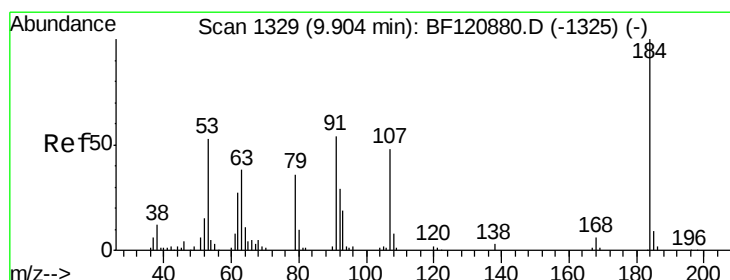
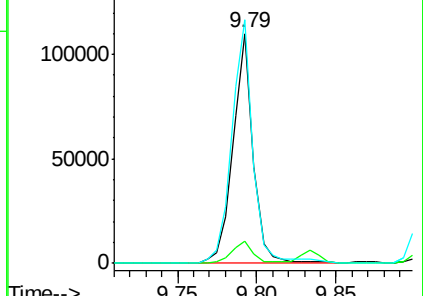
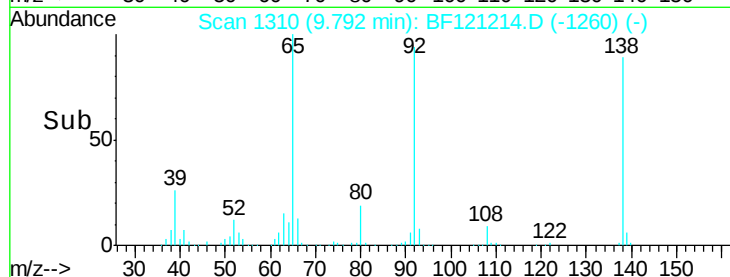
92 105.9 85.0 127.4



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: 45.269 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

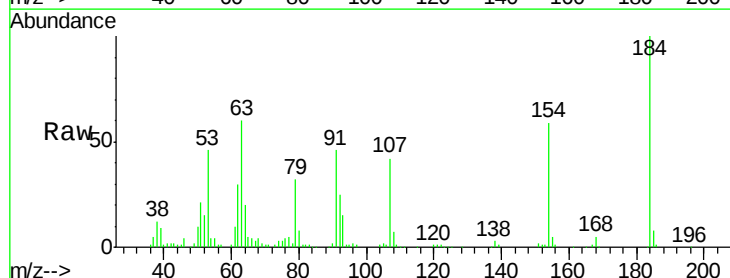
Tgt Ion:184 Resp: 100244

Ion Ratio Lower Upper

184 100

63 59.5 42.5 63.7

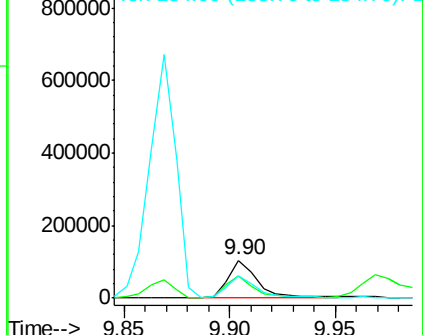
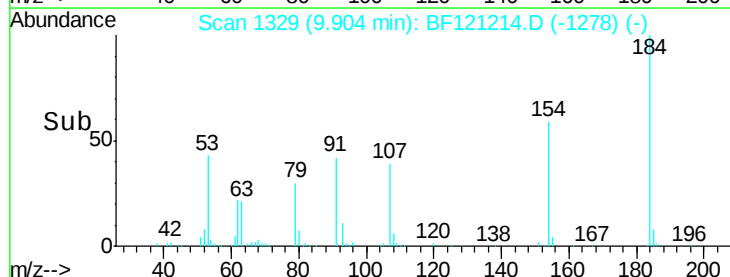
154 59.5 46.8 70.2

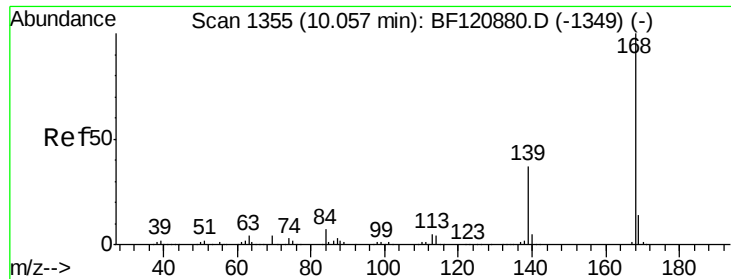


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

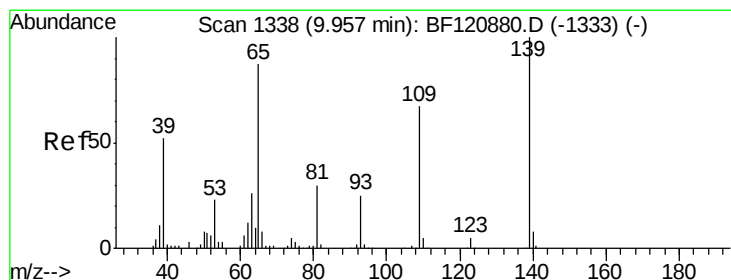
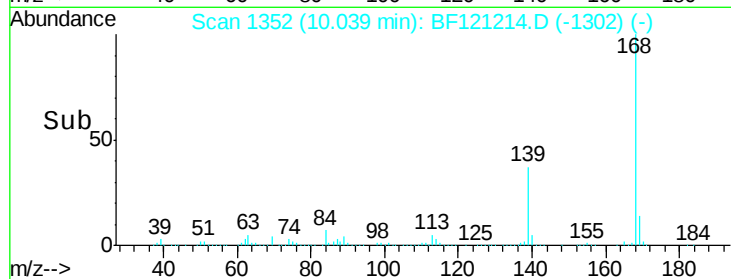
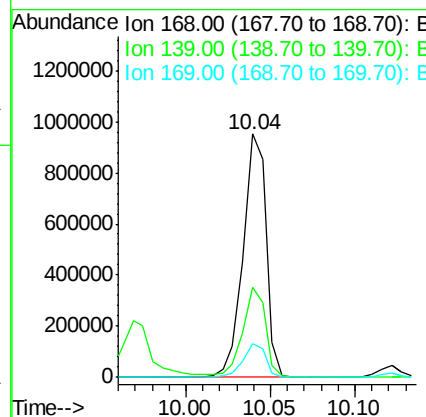
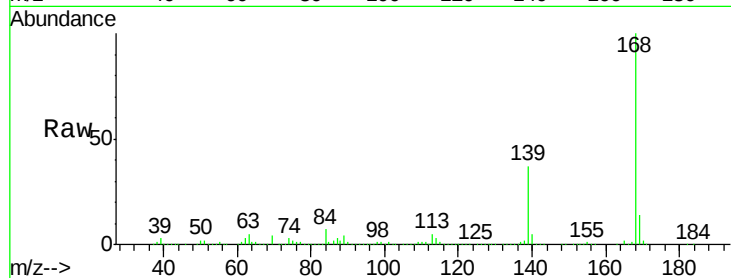




#55
Dibenzofuran
Concen: 38.169 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

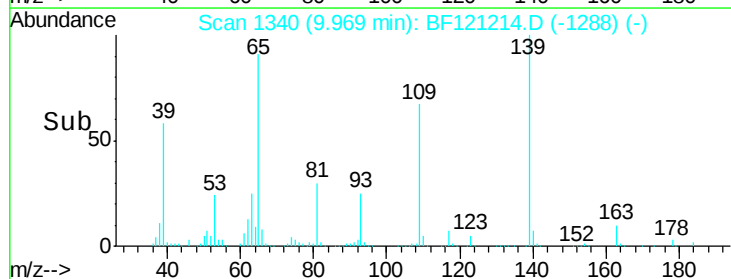
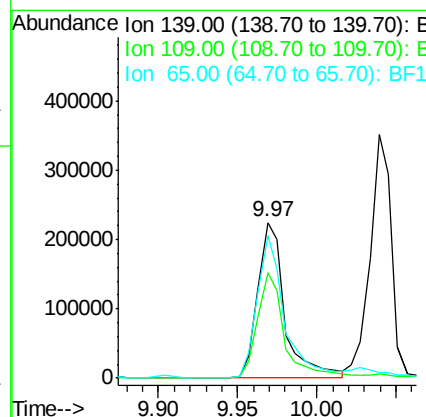
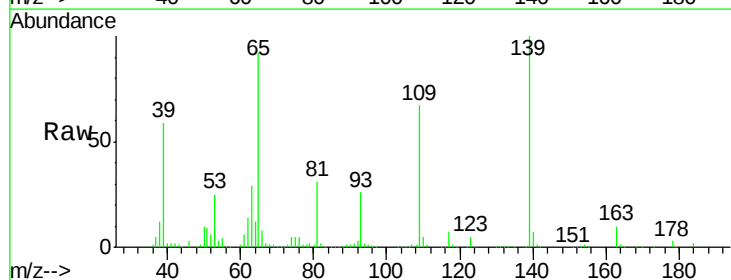
Instrument :
BNA_F
ClientSampleId :
8/5-A-EMS

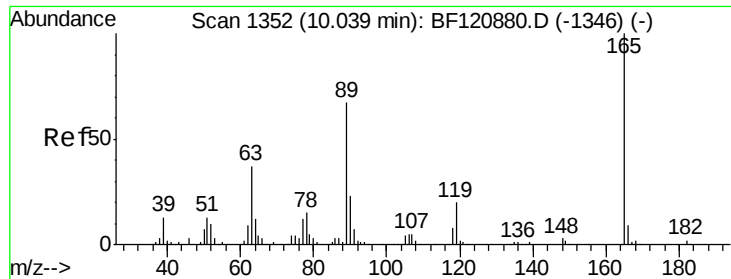
Tot Ion:168 Resp: 906485
Ion Ratio Lower Upper
168 100
139 36.9 30.1 45.1
169 13.7 11.3 16.9



#56
4-Nitrophenol
Concen: 68.577 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

Tgt Ion:139 Resp: 270747
Ion Ratio Lower Upper
139 100
109 67.4 44.8 84.8
65 91.6 65.6 105.6





#57

2,4-Dinitrotoluene

Concen: 39.860 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

Tot Ion:165 Resp: 216916

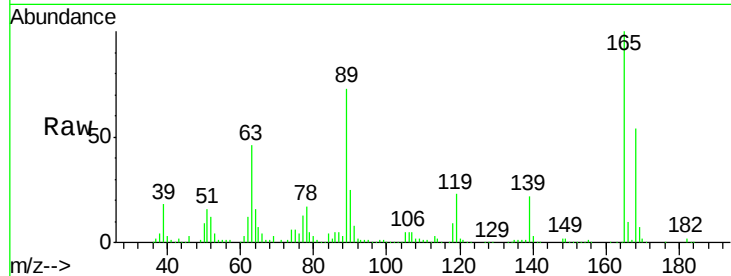
Ion Ratio Lower Upper

165 100

63 46.3 29.8 44.8#

89 72.7 50.3 75.5

182 2.4 2.1 3.1

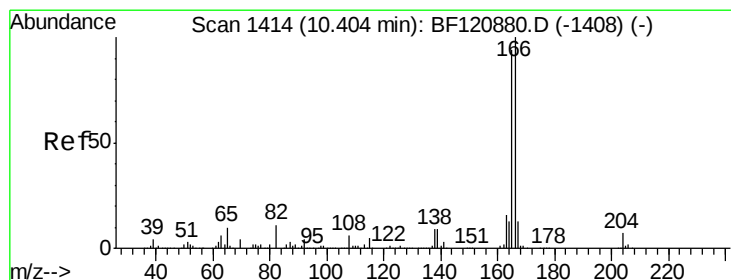
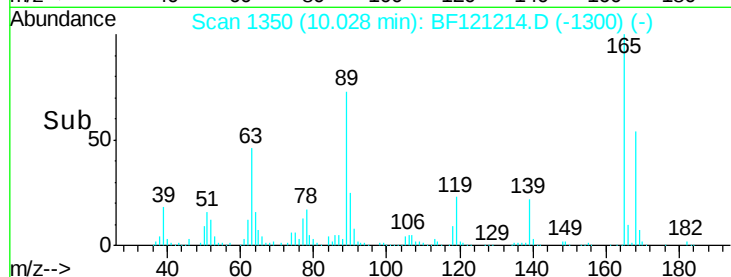
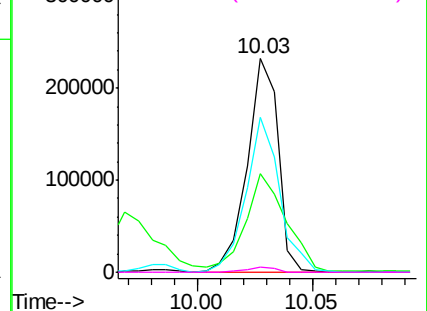


Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.209 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

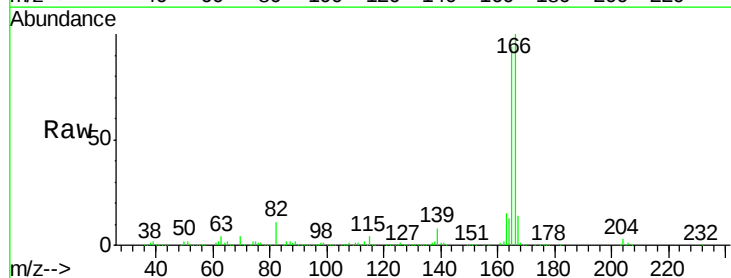
Tgt Ion:166 Resp: 676797

Ion Ratio Lower Upper

166 100

165 93.6 76.4 114.6

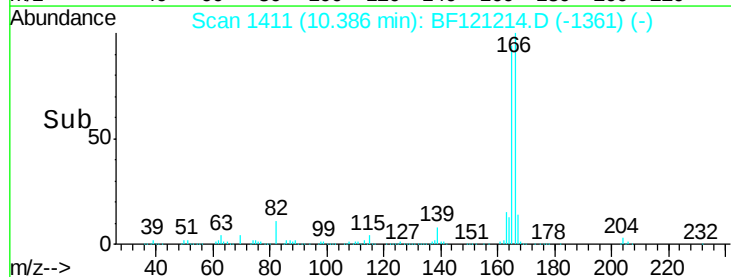
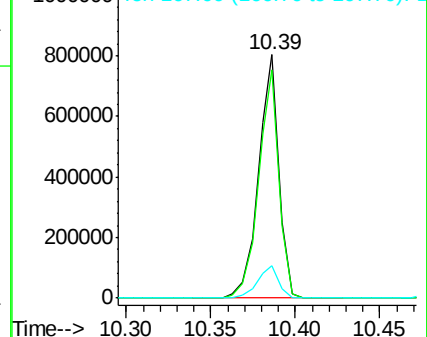
167 13.5 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

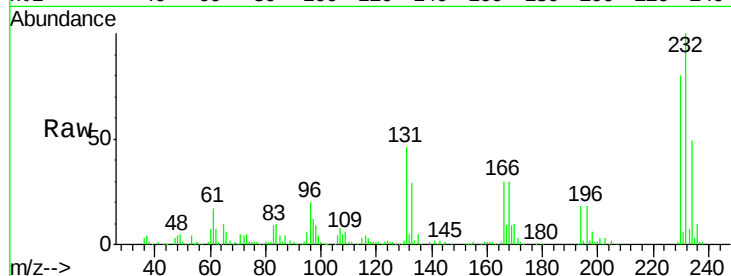




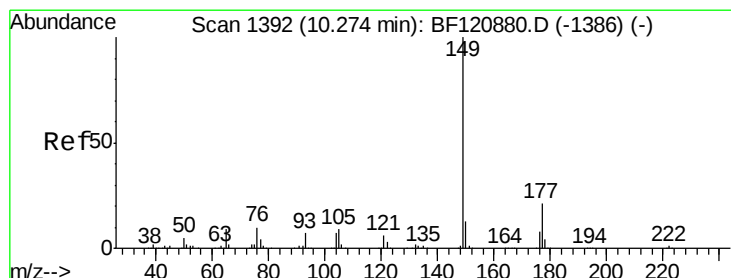
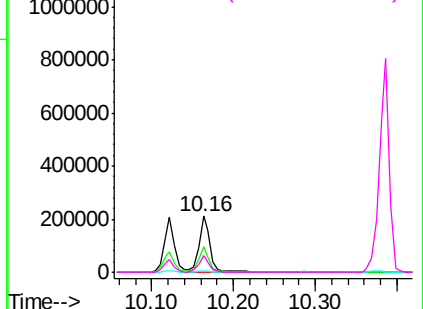
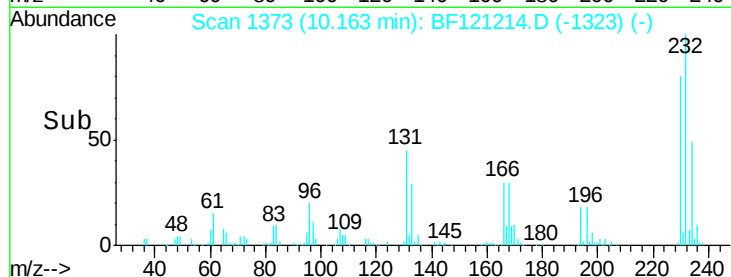
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.900 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMS

Tot Ion:232 Resp: 198482
Ion Ratio Lower Upper
232 100
131 42.3 34.2 51.2
130 2.1 1.7 2.5
166 28.2 23.1 34.7

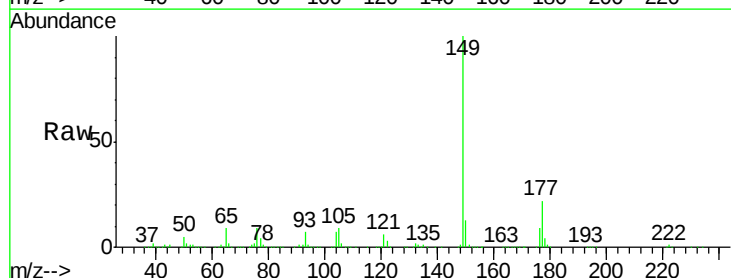


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

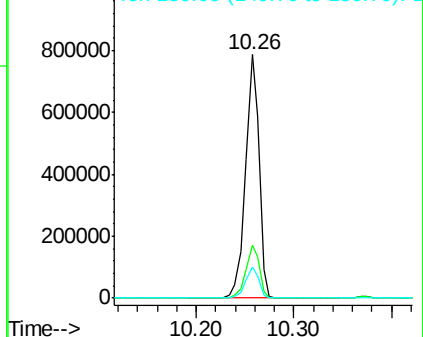
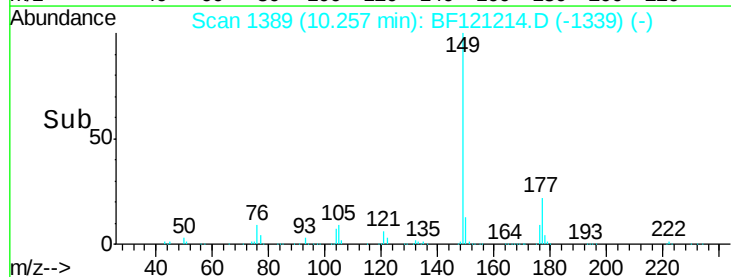


#60
Diethylphthalate
Concen: 38.582 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

Tgt Ion:149 Resp: 752738
Ion Ratio Lower Upper
149 100
177 21.6 17.6 26.4
150 12.9 10.2 15.4



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

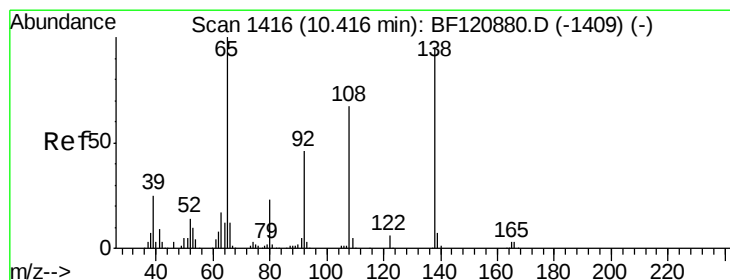
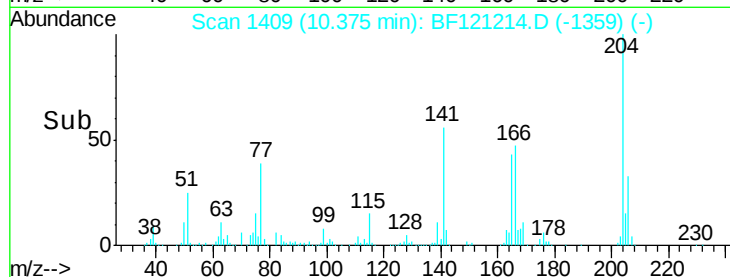
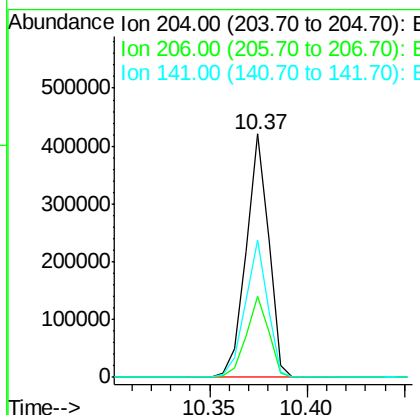
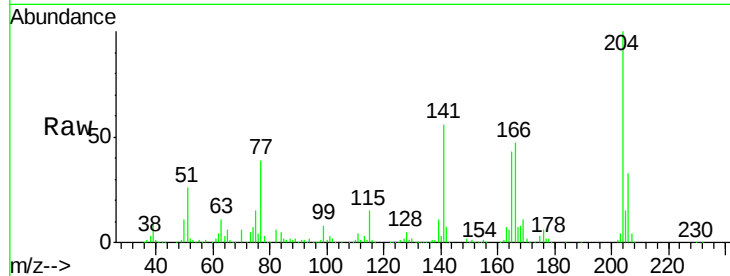




#61
4-Chlorophenyl-phenylether
Concen: 35.794 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

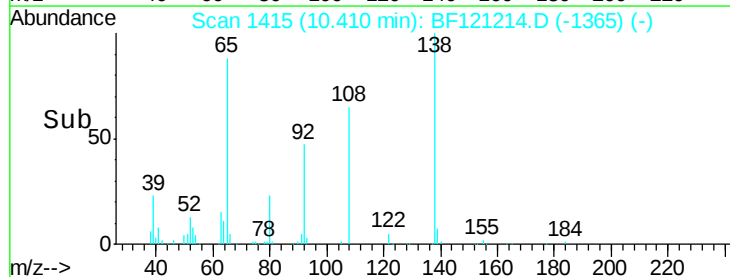
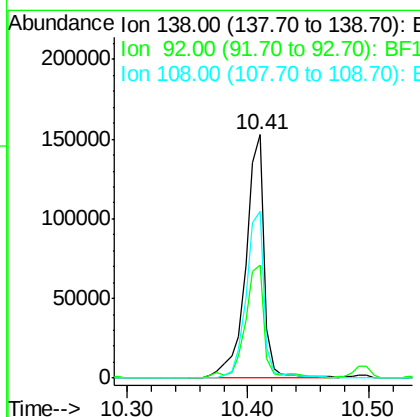
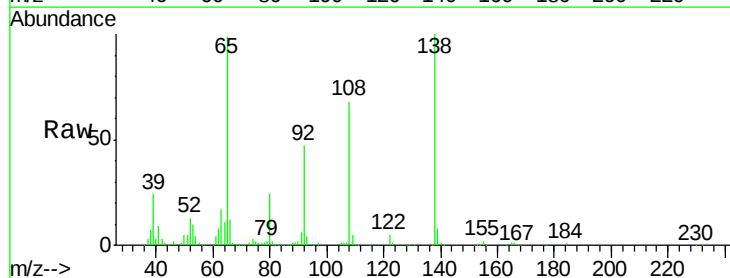
Instrument :
BNA_F
ClientSampled :
8/5-A-EMS

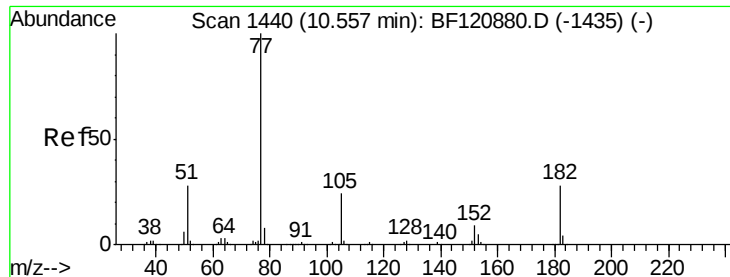
Tot Ion:204 Resp: 338164
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 56.3 46.9 70.3



#62
4-Nitroaniline
Concen: 32.337 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

Tgt Ion:138 Resp: 163712
Ion Ratio Lower Upper
138 100
92 46.7 25.2 65.2
108 68.5 46.7 86.7





#63

Azobenzene

Concen: 38.205 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

Tot Ion: 77 Resp: 709622

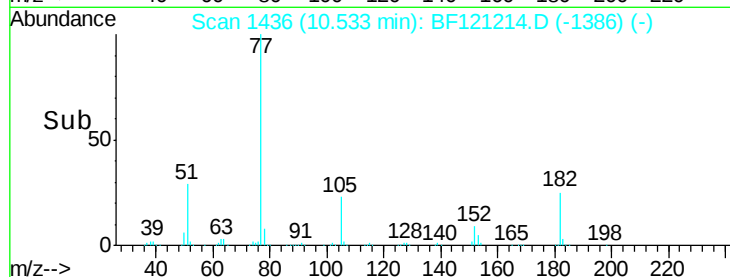
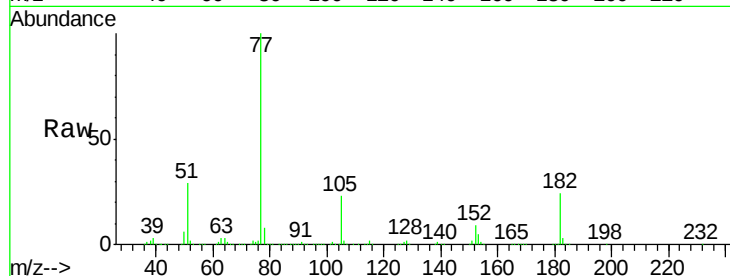
Ion Ratio Lower Upper

77 100

182 24.5 4.5 44.5

105 23.1 3.4 43.4

51 29.1 8.7 48.7

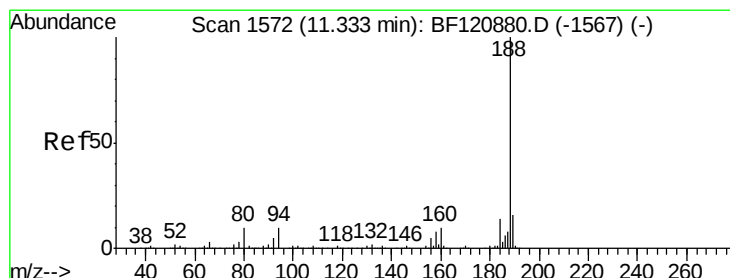
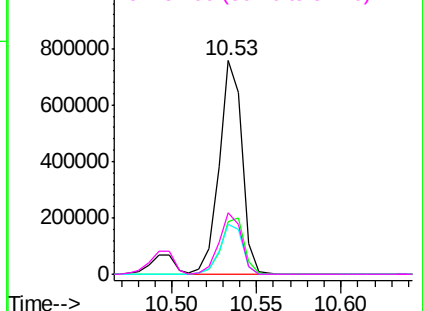


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

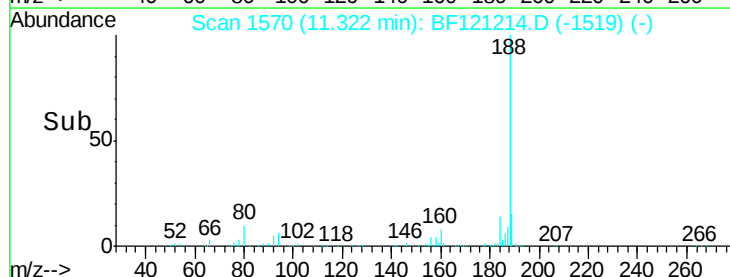
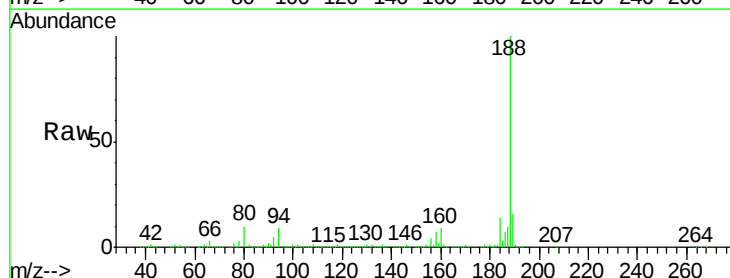
Tgt Ion: 188 Resp: 504071

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

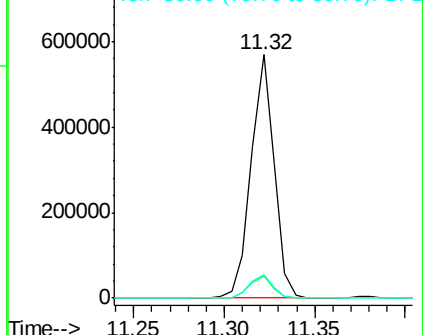
80 9.9 8.3 12.5



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: 28.820 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampled :

8/5-A-EMS

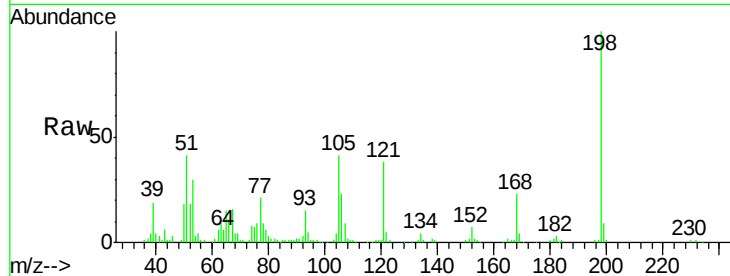
Tot Ion:198 Resp: 79208

Ion Ratio Lower Upper

198 100

51 40.5 23.4 63.4

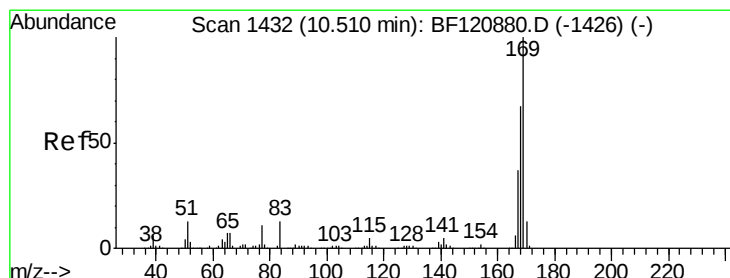
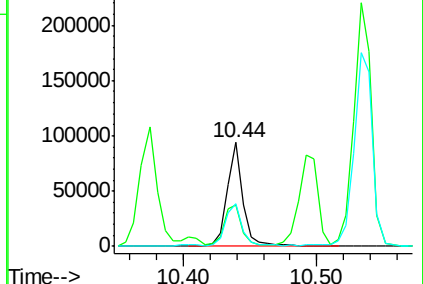
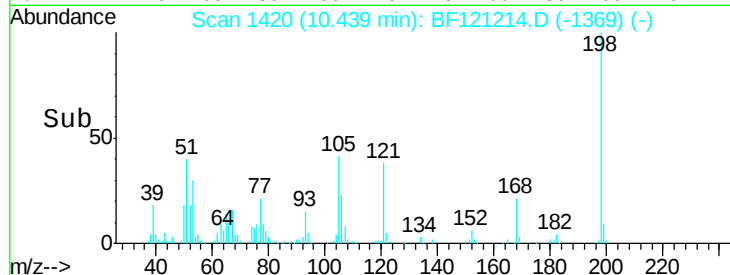
105 40.8 23.7 63.7



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: 40.345 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

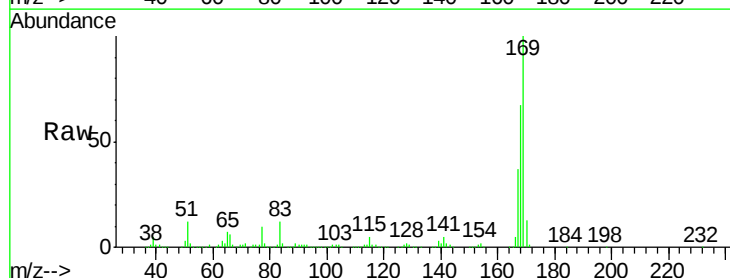
Tgt Ion:169 Resp: 639749

Ion Ratio Lower Upper

169 100

168 66.7 53.7 80.5

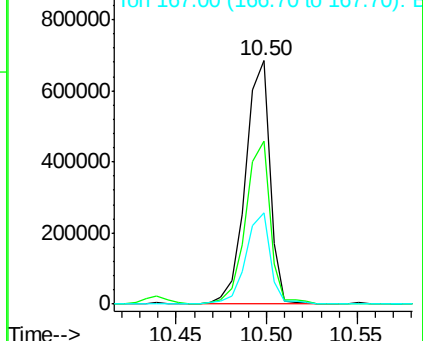
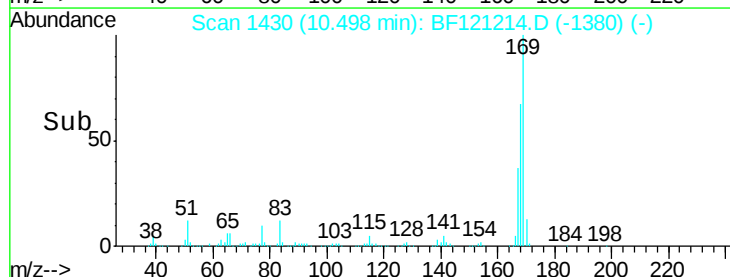
167 37.3 30.0 45.0



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

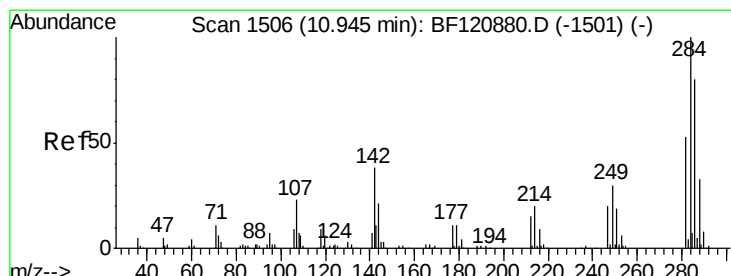
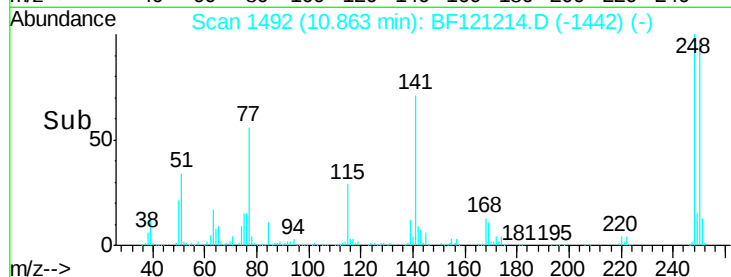
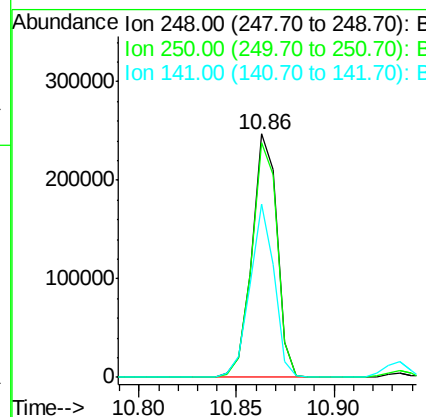
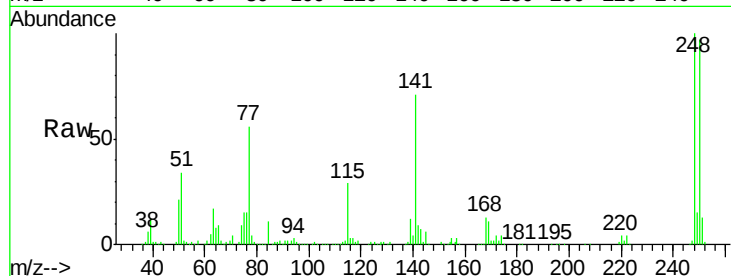




#67
 4-Bromophenyl-phenylether
 Concen: 39.318 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

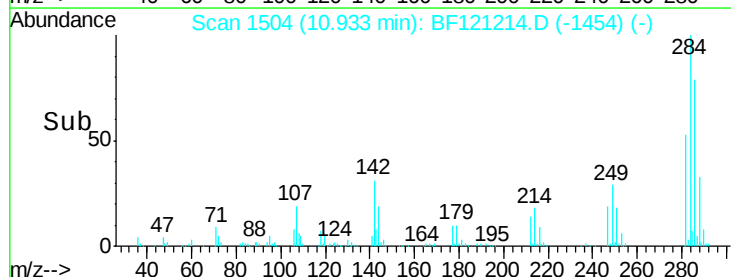
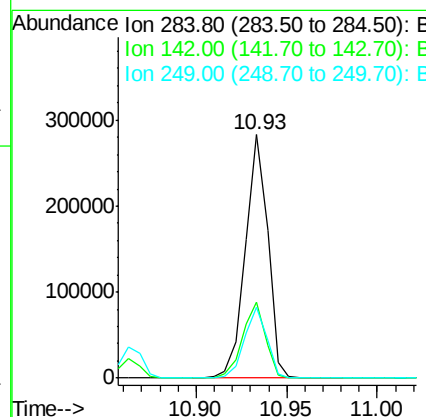
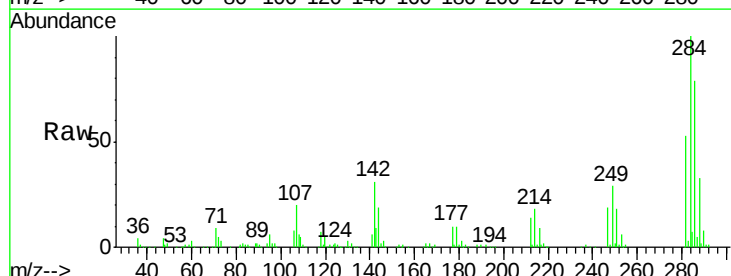
Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMS

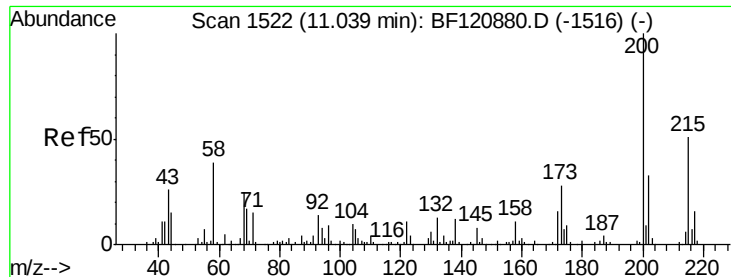
Tot Ion:	248	Resp:	220967
Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.0	115.6
141	71.3	56.6	85.0



#68
 Hexachlorobenzene
 Concen: 39.975 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

Tgt Ion:	284	Resp:	243025
Ion	Ratio	Lower	Upper
284	100		
142	31.3	21.1	31.7
249	29.0	22.5	33.7





#69

Atrazine

Concen: 44.848 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

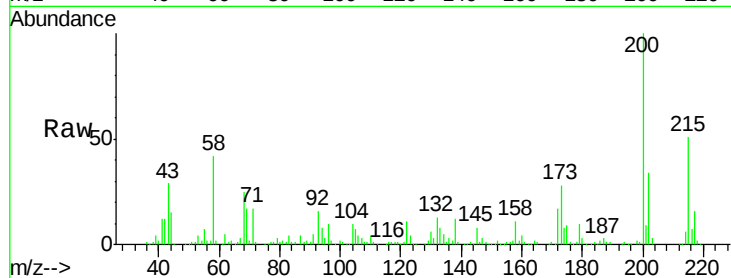
Tot Ion:200 Resp: 176124

Ion Ratio Lower Upper

200 100

173 27.7 7.6 47.6

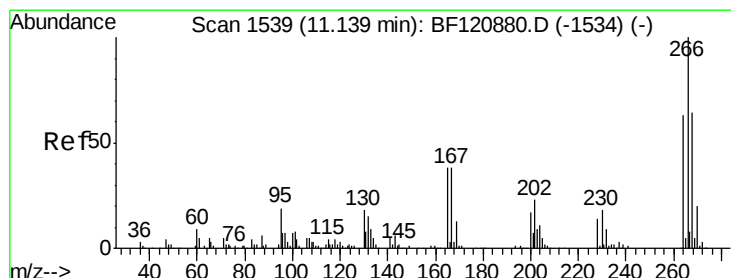
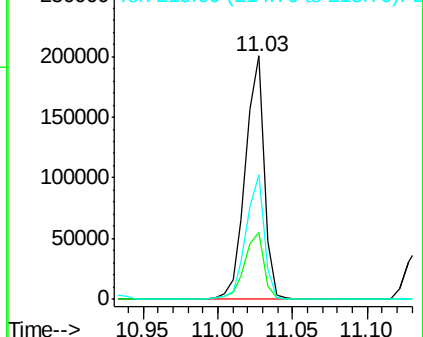
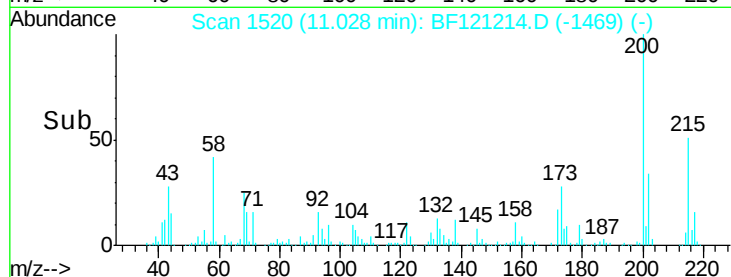
215 50.9 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.711 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

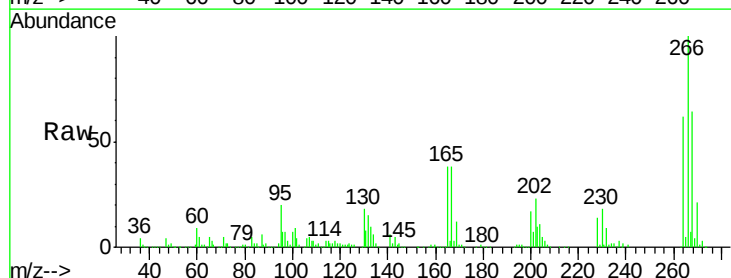
Tgt Ion:266 Resp: 263683

Ion Ratio Lower Upper

266 100

268 64.0 49.7 74.5

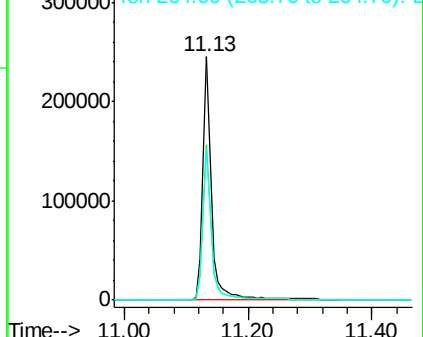
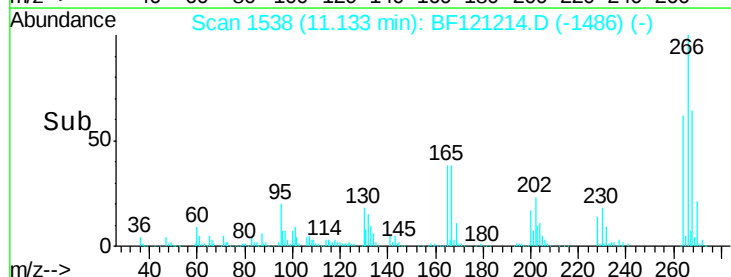
264 62.3 50.4 75.6

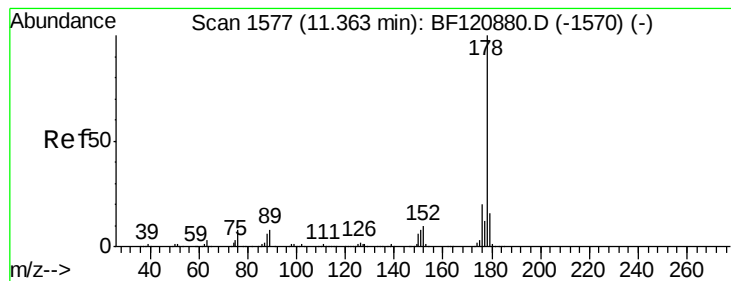


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.148 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

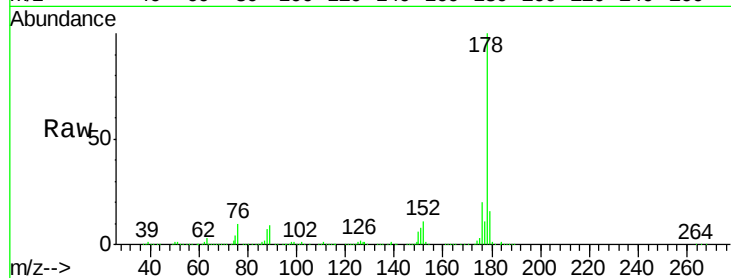
Tot Ion:178 Resp: 988973

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

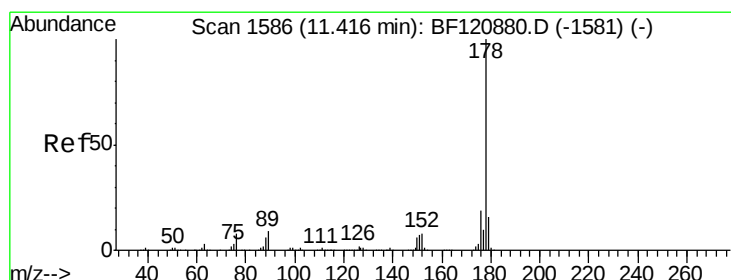
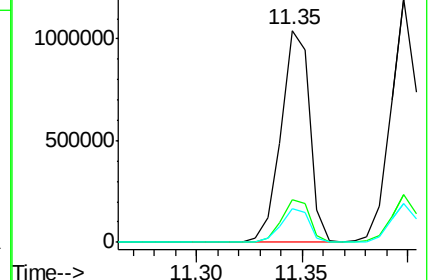
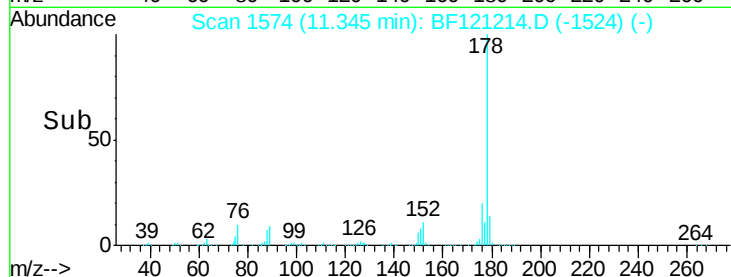
179 16.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.058 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

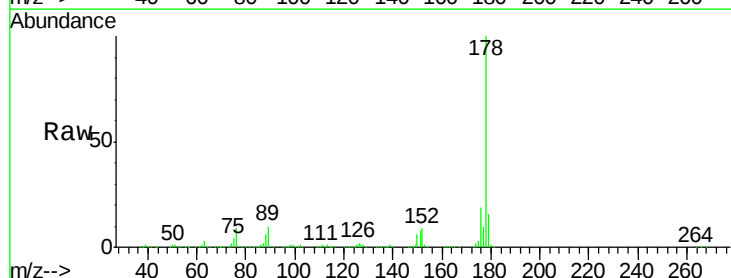
Tgt Ion:178 Resp: 1042783

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

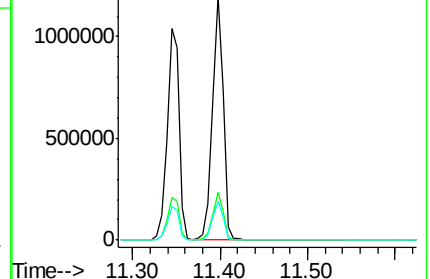
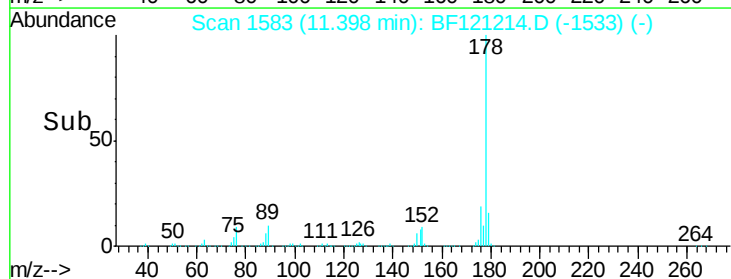
179 16.0 12.6 19.0

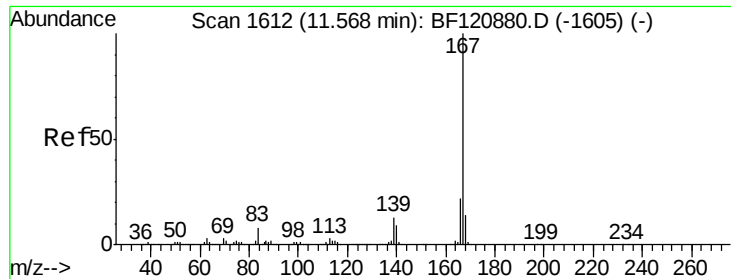


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.758 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

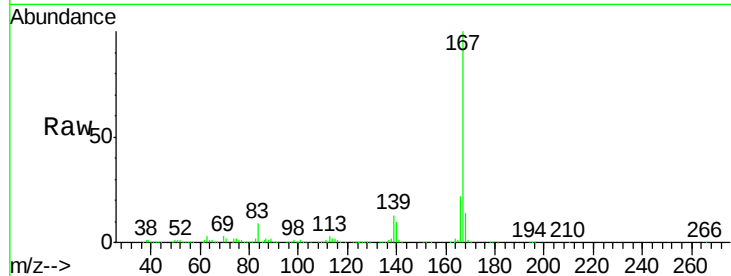
Tot Ion:167 Resp: 975448

Ion Ratio Lower Upper

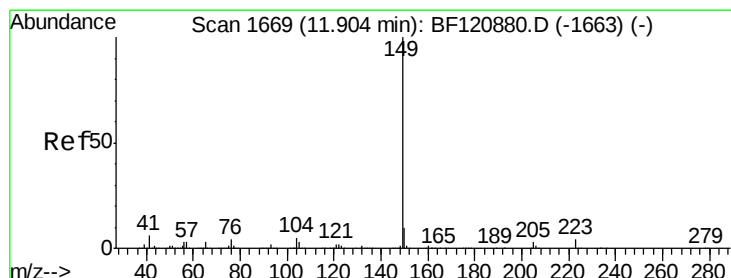
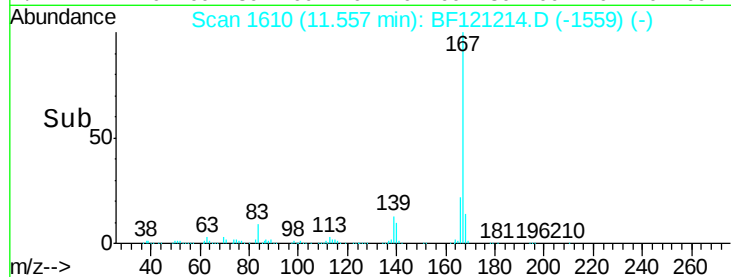
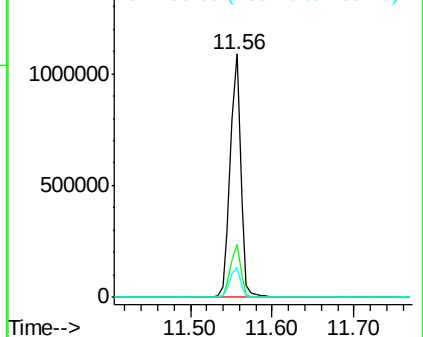
167 100

166 22.0 17.5 26.3

139 12.5 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 39.779 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

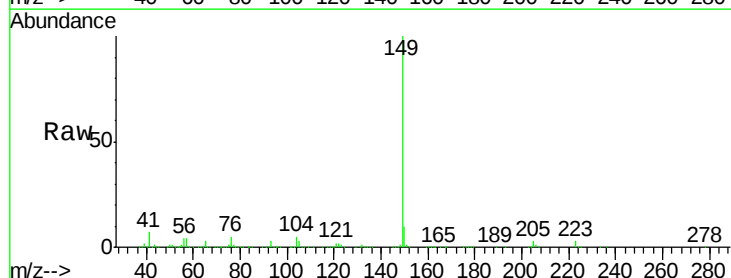
Tgt Ion:149 Resp: 1185908

Ion Ratio Lower Upper

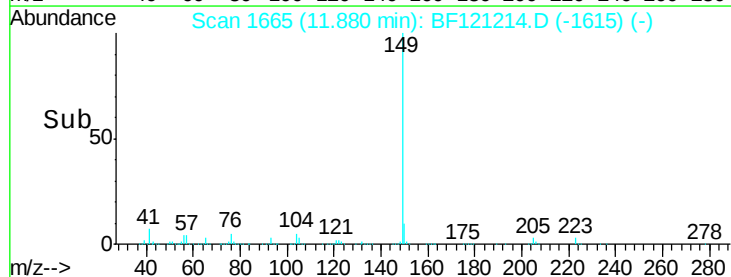
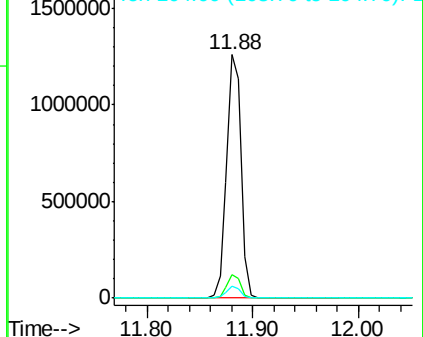
149 100

150 9.6 7.8 11.8

104 4.8 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



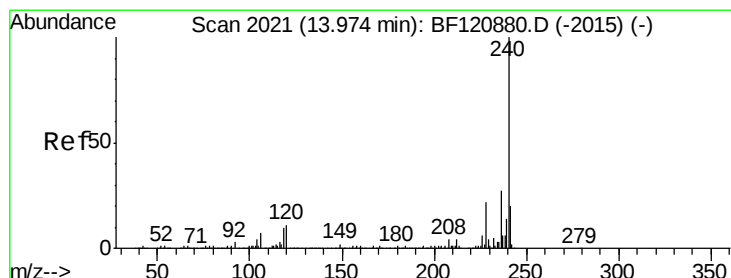
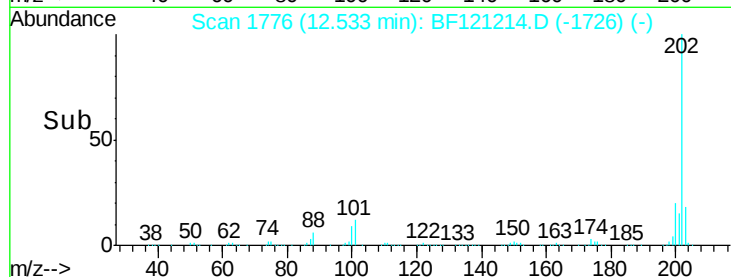
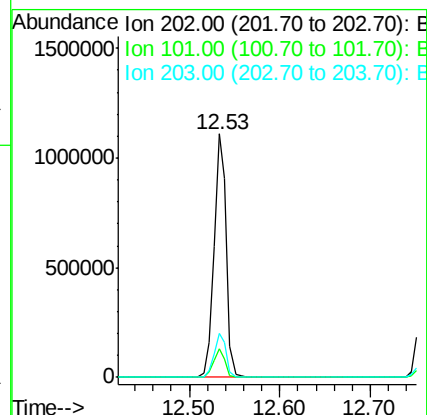
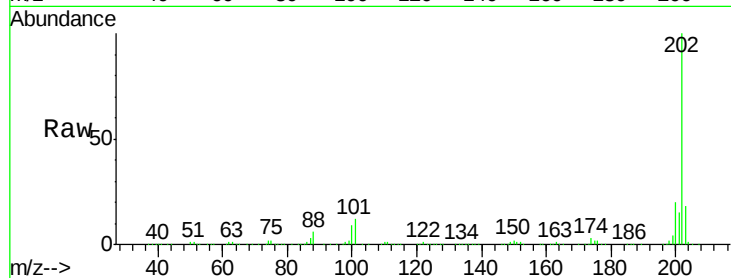


#75
 Fluoranthene
 Concen: 36.391 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

Instrument :
 BNA_F
 ClientSampled :
 8/5-A-EMS

Tot Ion:202 Resp: 1045712

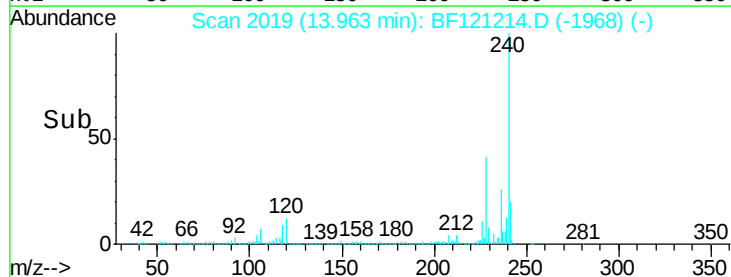
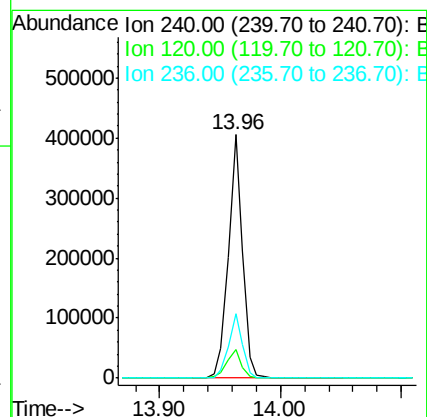
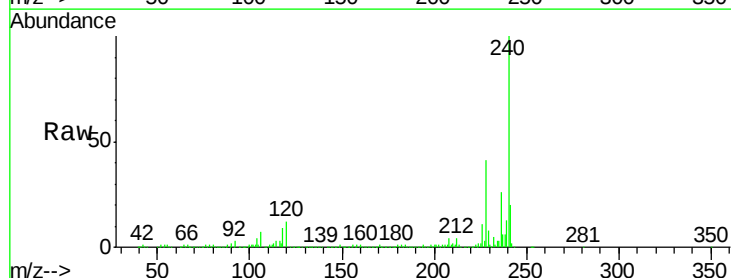
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.5
203	18.2	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

Tgt Ion:240 Resp: 326202

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.3	13.9
236	26.5	21.1	31.7

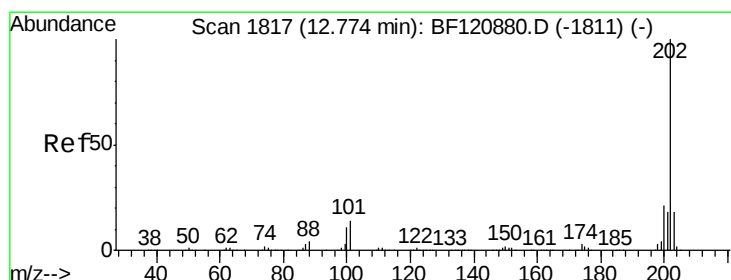
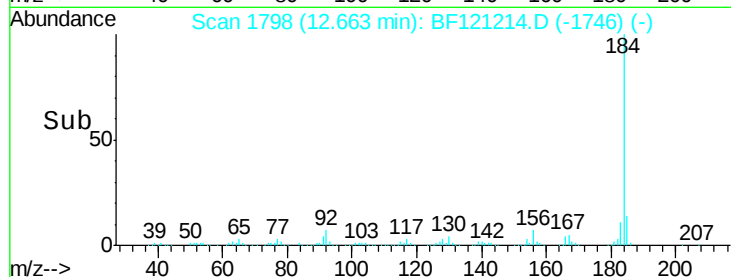
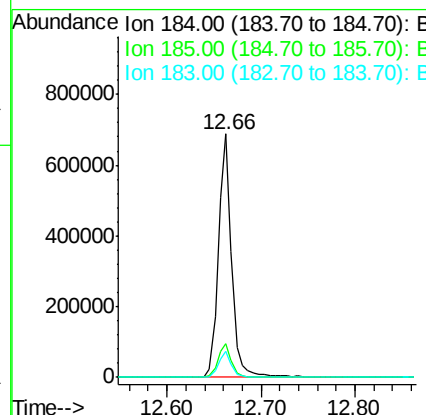
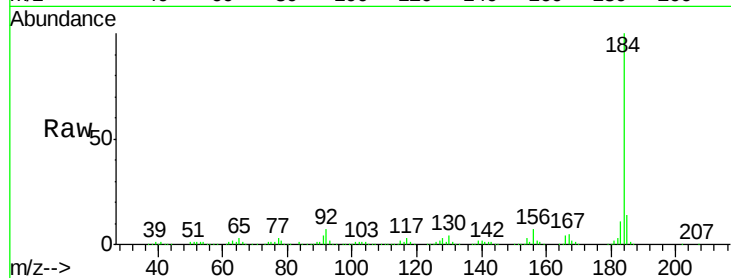




#77
Benzidine
Concen: 80.445 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

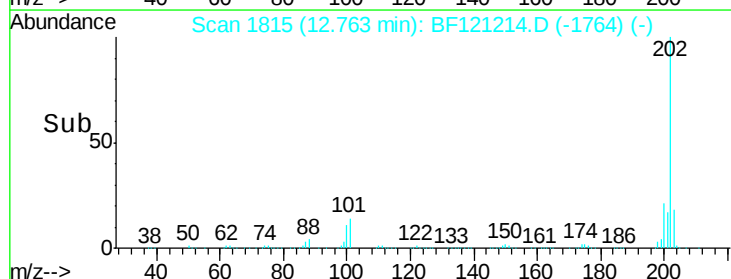
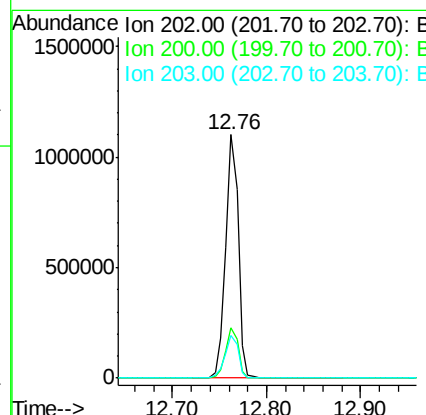
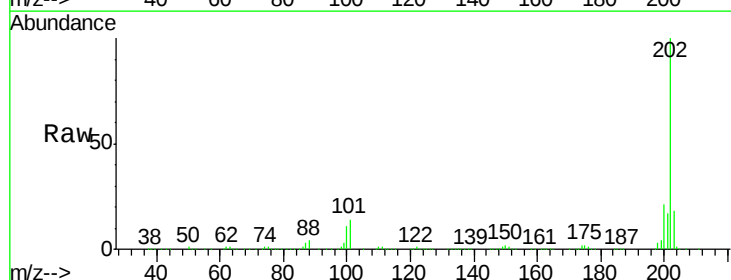
Instrument :
BNA_F
ClientSampleId :
8/5-A-EMS

Tot Ion:184 Resp: 689935
Ion Ratio Lower Upper
184 100
185 13.9 12.1 18.1
183 10.9 9.0 13.4



#78
Pyrene
Concen: 44.853 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

Tgt Ion:202 Resp: 1034423
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.6
203 17.7 14.6 21.8

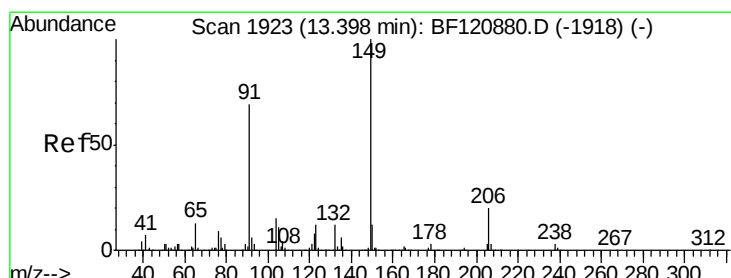
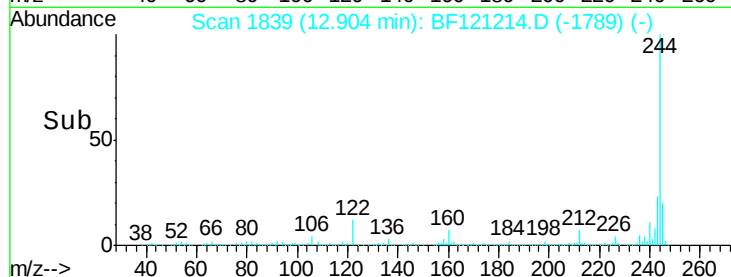
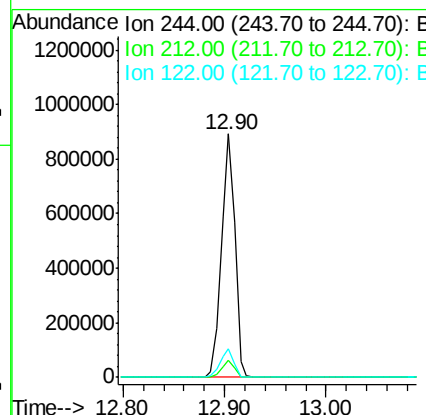
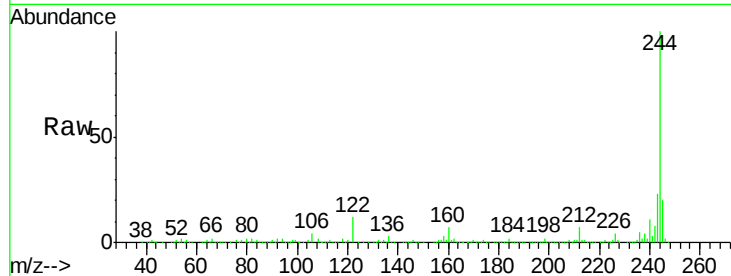




#79
 Terphenyl-d14
 Concen: 54.723 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

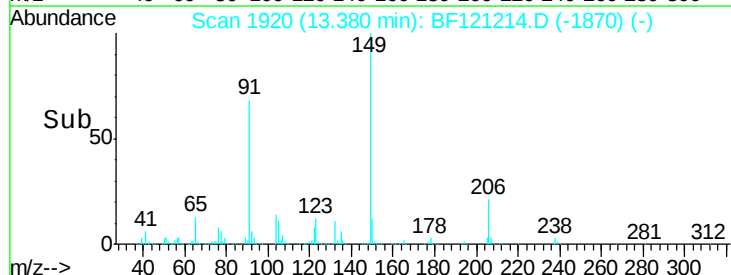
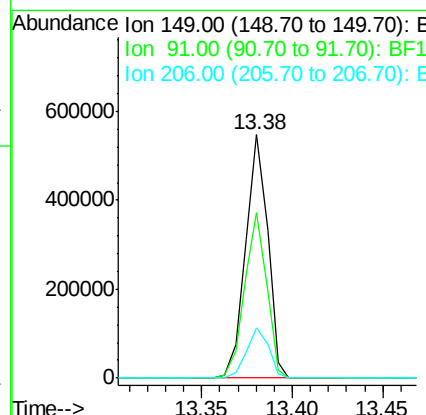
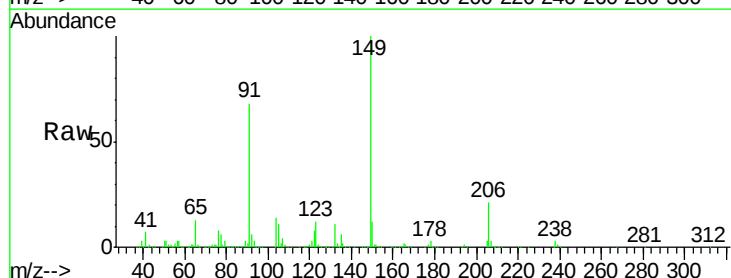
Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMS

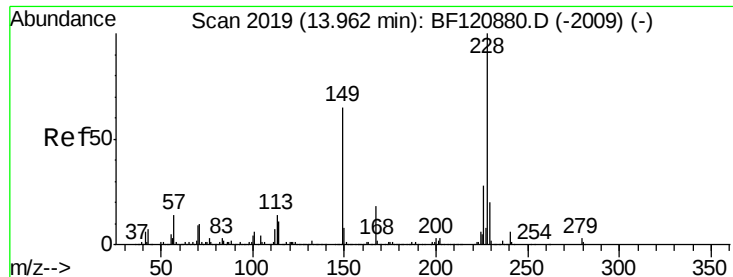
Tot Ion:244 Resp: 821181
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 11.5 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 45.234 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

Tgt Ion:149 Resp: 465051
 Ion Ratio Lower Upper
 149 100
 91 67.9 51.4 77.0
 206 20.6 17.9 26.9





#81

Benzo(a)anthracene

Concen: 40.891 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

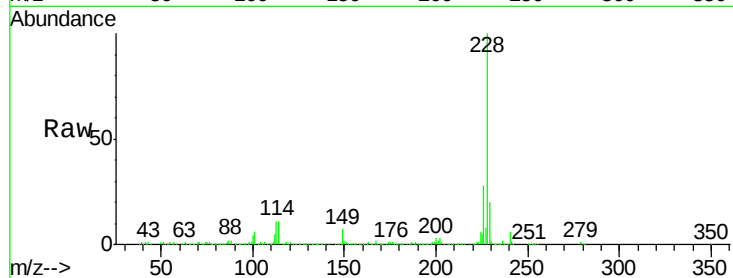
Tot Ion:228 Resp: 807735

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

229 20.1 16.1 24.1

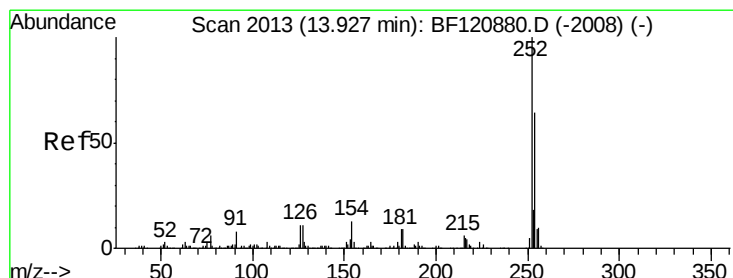
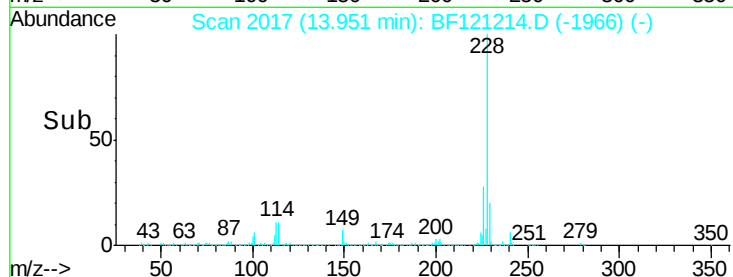
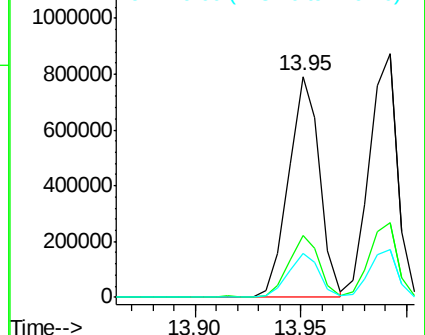


Abundance

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: 42.982 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

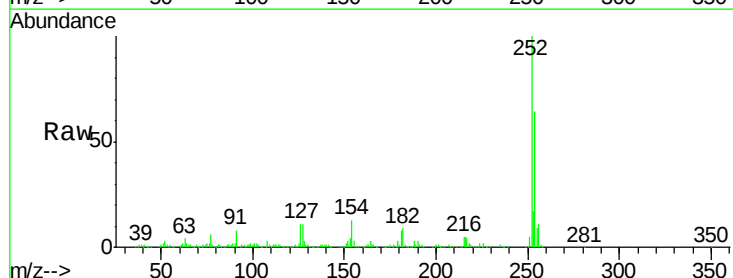
Tgt Ion:252 Resp: 320313

Ion Ratio Lower Upper

252 100

254 63.9 51.3 76.9

126 11.2 9.2 13.8

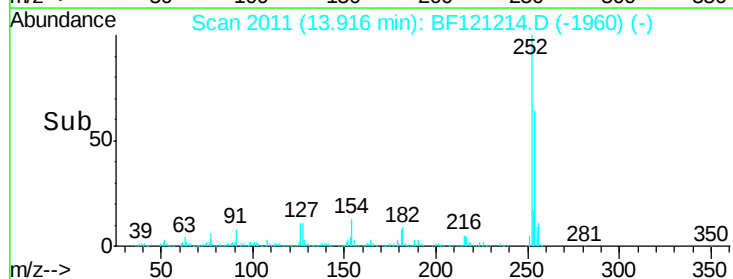
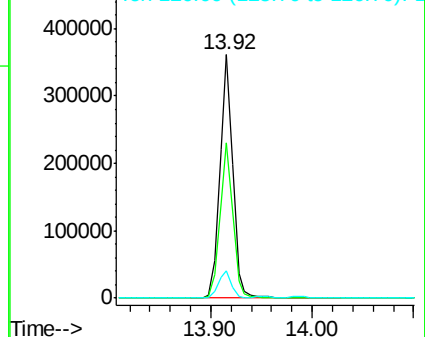


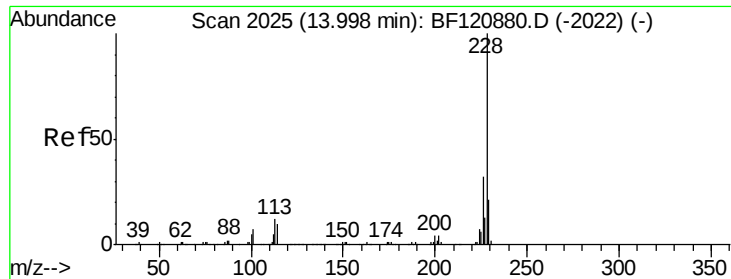
Abundance

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: 39.101 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

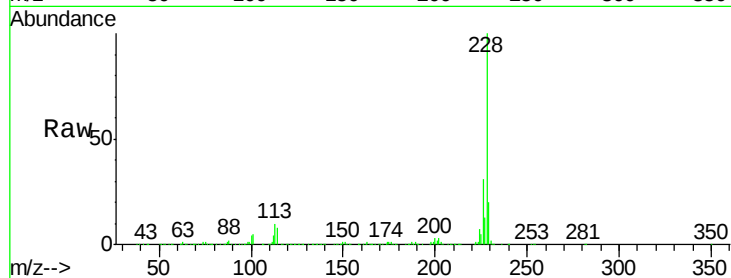
Tot Ion:228 Resp: 811674

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

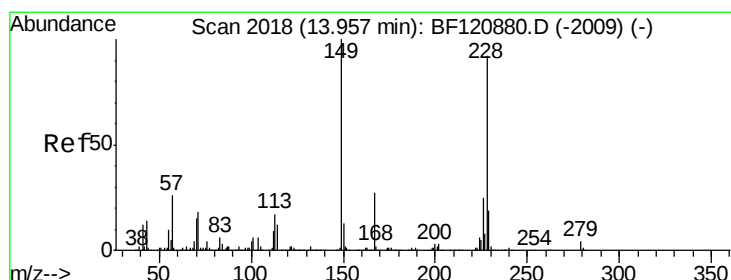
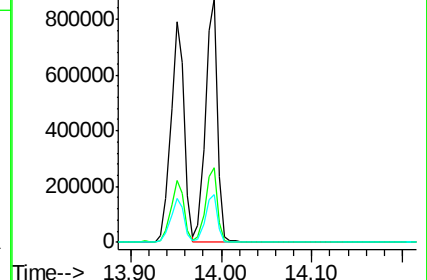
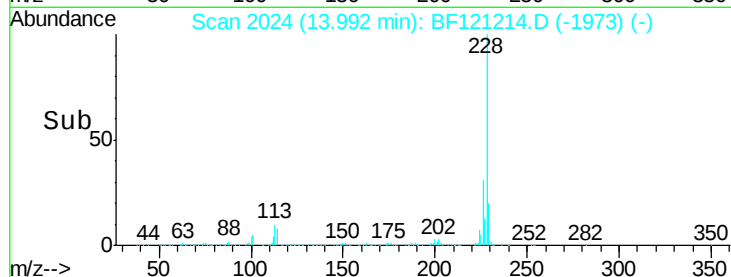
229 19.8 16.2 24.4



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: 48.959 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

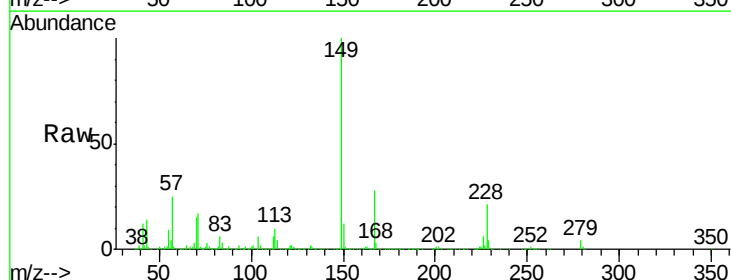
Tgt Ion:149 Resp: 620681

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

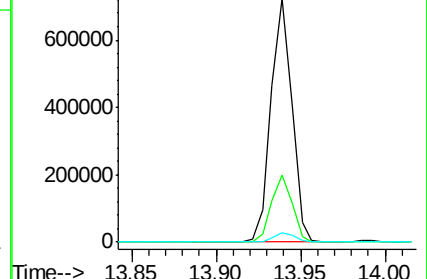
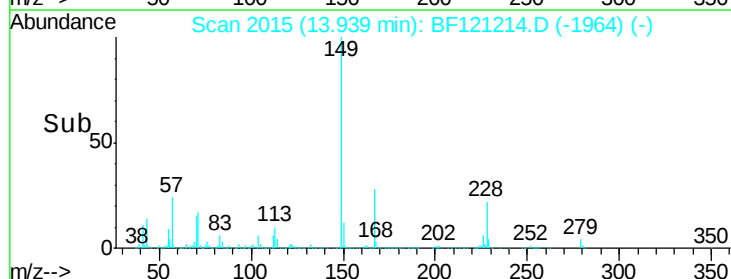
279 4.1 2.9 4.3



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

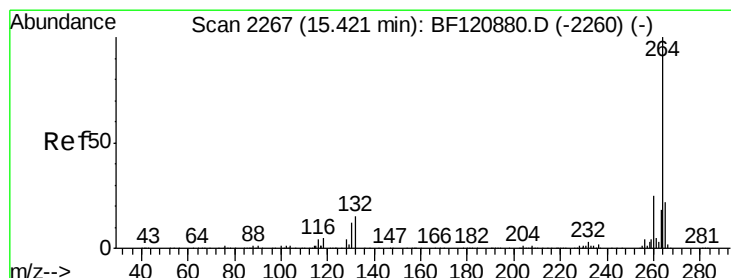
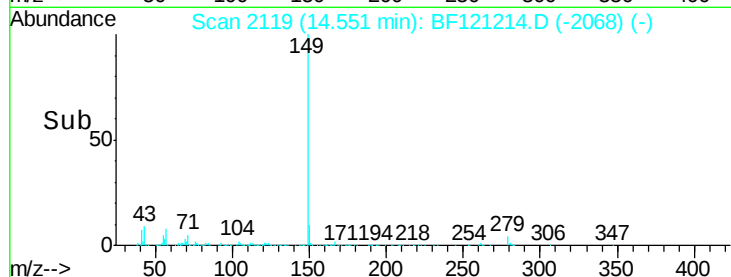
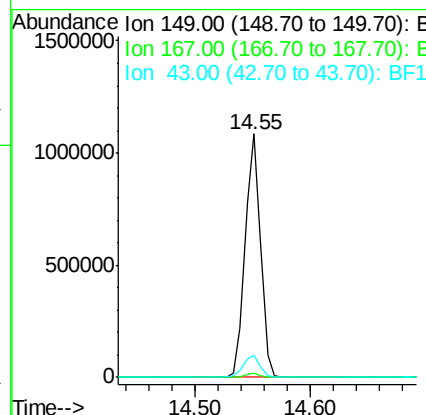
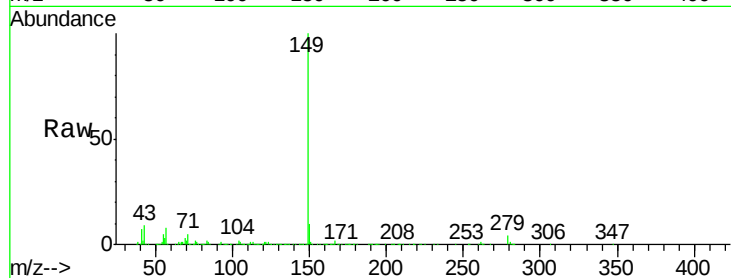




#85
Di-n-octyl phthalate
Concen: 39.655 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

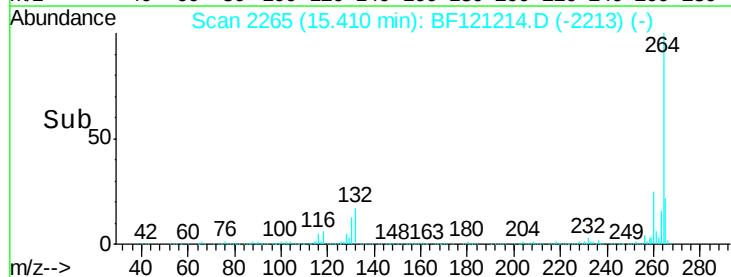
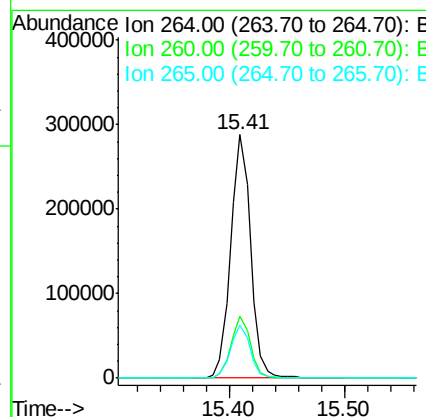
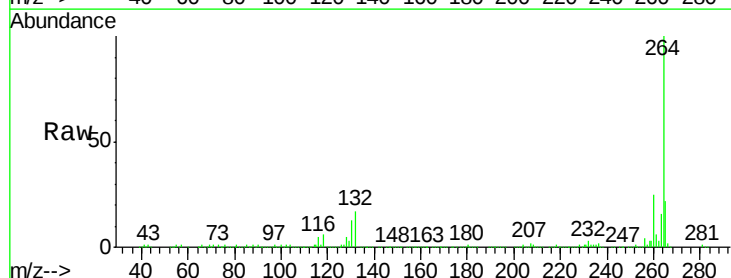
Instrument :
BNA_F
ClientSampleId :
8/5-A-EMS

Tot Ion:149 Resp: 1000181
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.5 11.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

Tgt Ion:264 Resp: 345430
Ion Ratio Lower Upper
264 100
260 25.4 19.9 29.9
265 21.7 17.8 26.8

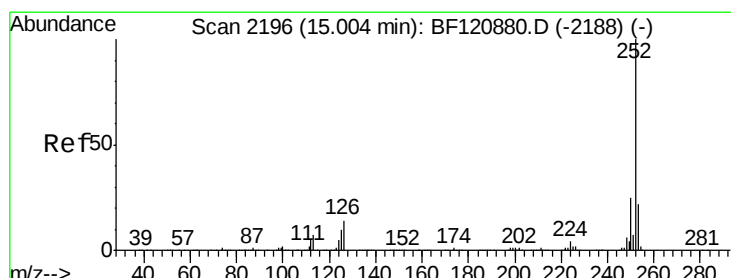
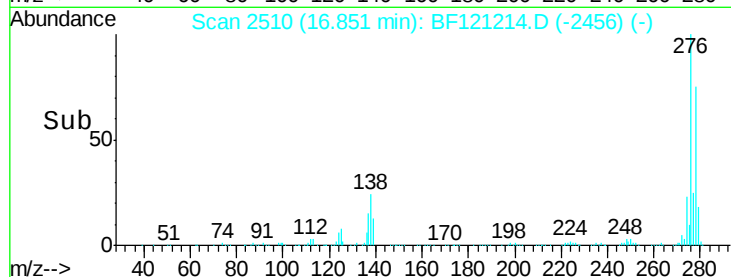
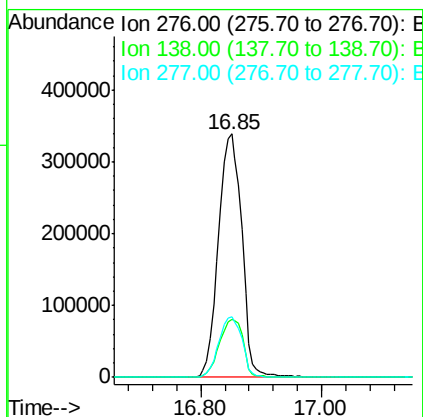
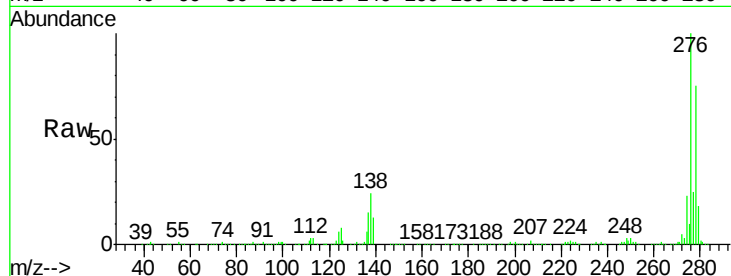




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.896 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.02 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

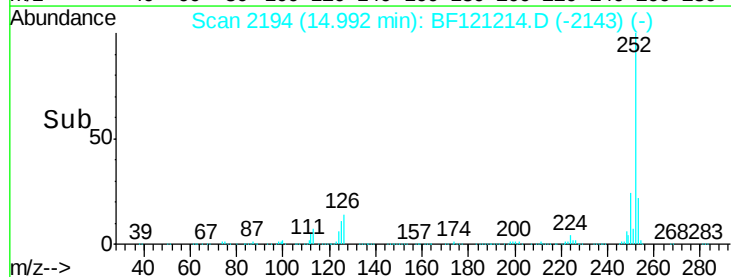
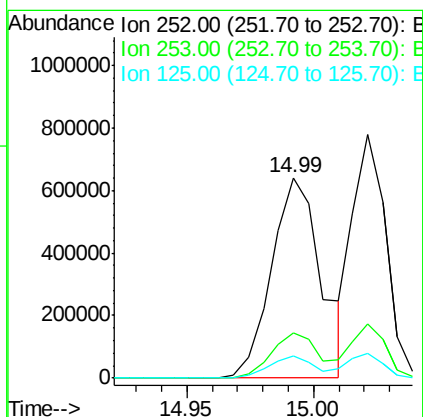
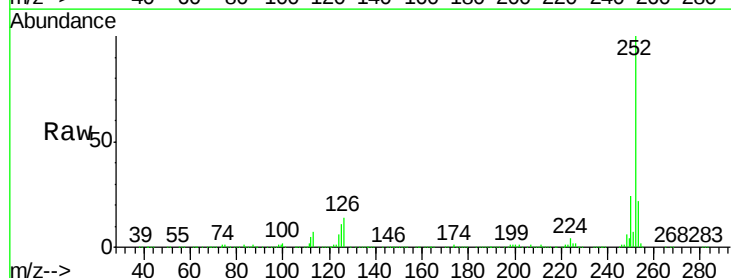
Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-EMS

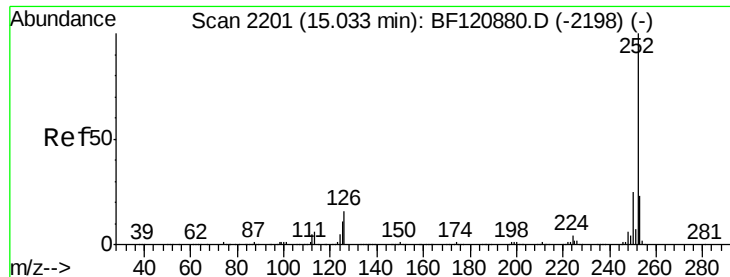
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.3	28.9
277	25.0	20.1	30.1



#88
 Benzo(b)fluoranthene
 Concen: 41.794 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BF121214.D
 Acq: 6 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	10.8	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 38.195 ng

RT: 15.02 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

Instrument :

BNA_F

ClientSampleId :

8/5-A-EMS

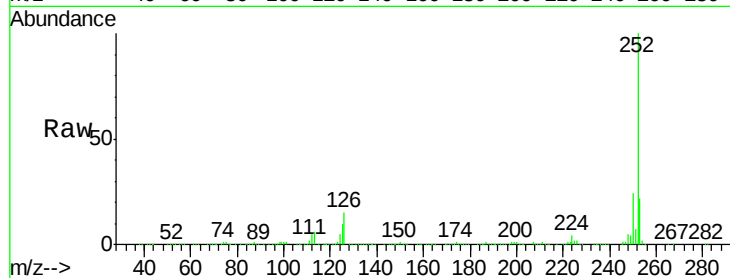
Tot Ion:252 Resp: 727319

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

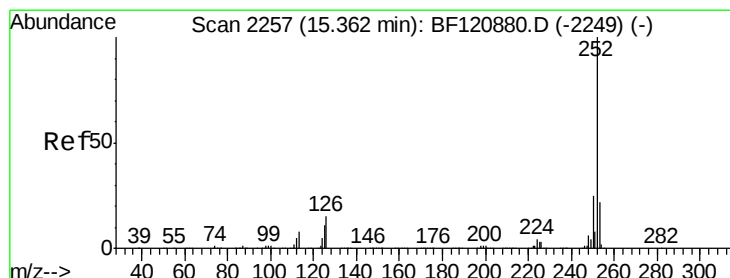
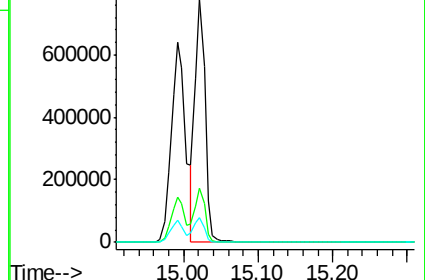
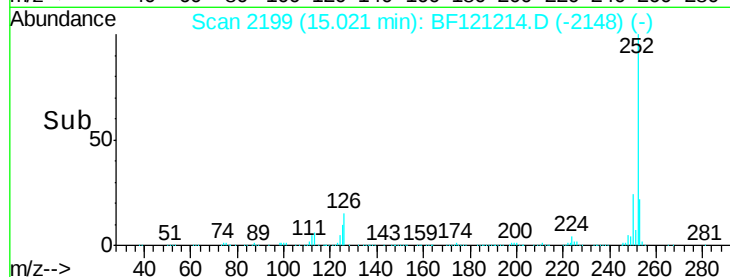
125 10.3 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.649 ng

RT: 15.35 min Scan# 2255

Delta R.T. 0.01 min

Lab File: BF121214.D

Acq: 6 Aug 2020 21:13

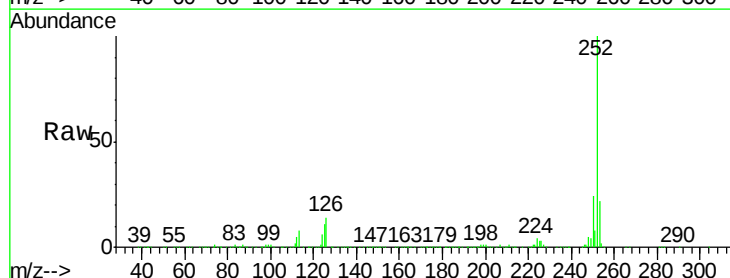
Tgt Ion:252 Resp: 755316

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

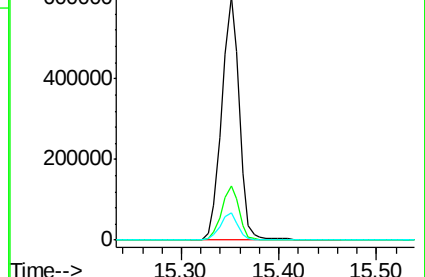
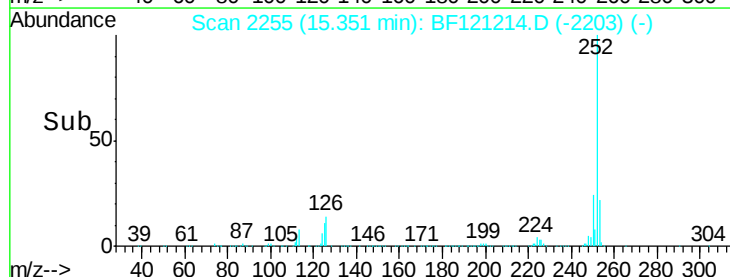
125 11.4 9.5 14.3

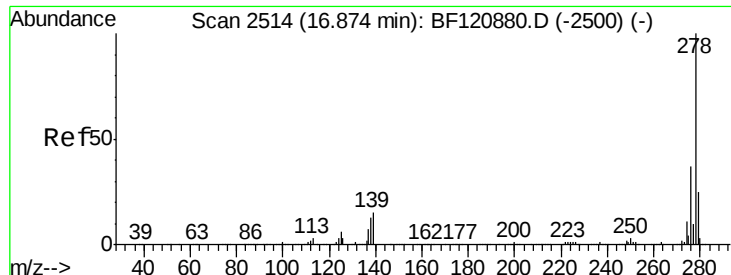


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

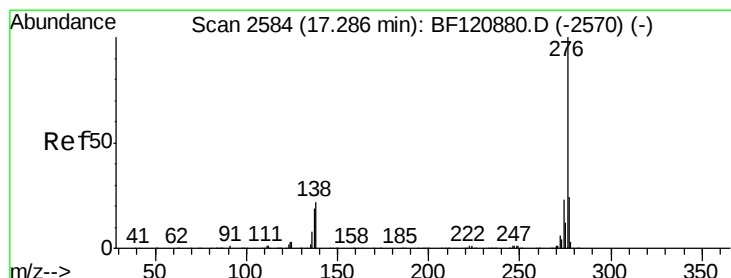
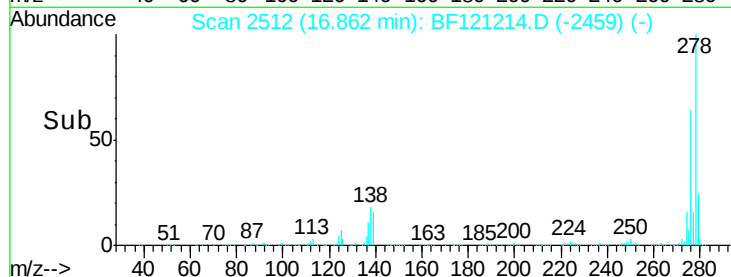
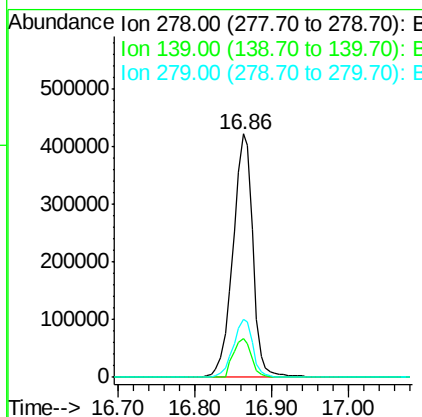
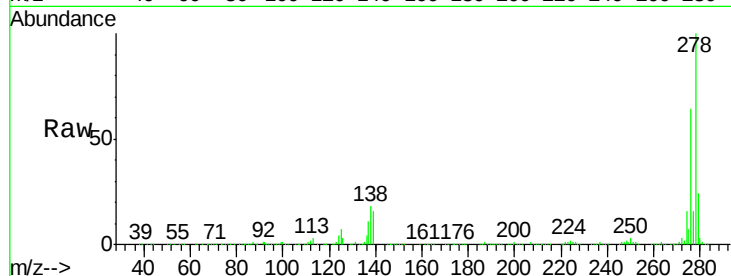




#91
Dibenzo(a,h)anthracene
Concen: 39.142 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.6	18.8
279	23.8	19.5	29.3



#92
Benzo(g,h,i)perylene
Concen: 37.870 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF121214.D
Acq: 6 Aug 2020 21:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.0
138	21.2	17.2	25.8

