

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120565.D
 Acq On : 5 Jun 2020 17:52
 Operator : JU/CG
 Sample : L2893-01MS 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2AMS

Quant Time: Jun 06 00:22:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	217484	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	711371	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	335129	20.00	ng	0.01
64) Phenanthrene-d10	11.35	188	568903	20.00	ng	0.01
76) Chrysene-d12	13.99	240	374491	20.00	ng	0.01
86) Perylene-d12	15.46	264	342121	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	592816	51.95	ng	0.00
7) Phenol-d6	6.46	99	739619	52.58	ng	0.00
23) Nitrobenzene-d5	7.38	82	450836	41.46	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	157105	50.60	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	730972	37.01	ng	0.00
79) Terphenyl-d14	12.93	244	638620	37.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	69174	12.237	ng	99
3) Pyridine	3.29	79	143873	9.189	ng	98
4) n-Nitrosodimethylamine	3.20	42	91190	13.763	ng	98
6) Aniline	6.48	93	213220	10.871	ng	93
8) 2-Chlorophenol	6.60	128	198238	15.406	ng	99
9) Benzaldehyde	6.37	77	107009	12.482	ng	100
10) Phenol	6.47	94	255089	16.584	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	197229	15.344	ng	98
12) 1,3-Dichlorobenzene	6.76	146	202465	14.322	ng	99
13) 1,4-Dichlorobenzene	6.84	146	195956	13.893	ng	97
14) 1,2-Dichlorobenzene	6.99	146	192679	14.790	ng	97
15) Benzyl Alcohol	6.96	79	163805	15.448	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	267514	13.201	ng	96
17) 2-Methylphenol	7.08	107	156461	13.598	ng	98
18) Hexachloroethane	7.33	117	57420	11.121	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	174746	19.544	ng	97
20) 3+4-Methylphenols	7.23	107	198985	13.689	ng	# 83
22) Acetophenone	7.23	105	316920	21.936	ng	# 91
24) Nitrobenzene	7.40	77	215946	18.434	ng	# 89
25) Isophorone	7.64	82	409427	18.732	ng	# 88
26) 2-Nitrophenol	7.72	139	86675	16.410	ng	# 88
27) 2,4-Dimethylphenol	7.76	122	170692	18.609	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	208458	15.837	ng	# 86
29) 2,4-Dichlorophenol	7.97	162	159407	17.206	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	160345	15.422	ng	99
31) Naphthalene	8.13	128	558762	17.885	ng	# 93
33) 4-Chloroaniline	8.17	127	152129	10.987	ng	# 93
34) Hexachlorobutadiene	8.25	225	96844	15.714	ng	99
35) Caprolactam	8.53	113	145458	48.479	ng	# 52
36) 4-Chloro-3-methylphenol	8.66	107	164677	17.520	ng	87
37) 2-Methylnaphthalene	8.82	142	342644	16.558	ng	97
38) 1-Methylnaphthalene	8.82	142	342644	17.542	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	142710	16.605	ng	# 93
41) Hexachlorocyclopentadiene	8.97	237	14997	3.127	ng	98

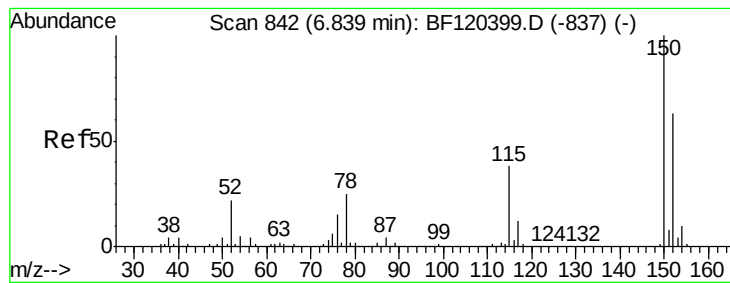
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120565.D
 Acq On : 5 Jun 2020 17:52
 Operator : JU/CG
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Instrument :
 BNA_F
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Quant Time: Jun 06 00:22:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.10	196	97021	15.609	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	88782	12.601	nq #	68
46) 1,1'-Biphenyl	9.29	154	371133	16.858	nq	98
47) 2-Chloronaphthalene	9.31	162	269036	14.841	nq	96
48) 2-Nitroaniline	9.40	65	91240	16.524	nq	95
49) Acenaphthylene	9.73	152	445326	15.897	nq #	87
50) Dimethylphthalate	9.57	163	298134	14.230	nq #	80
51) 2,6-Dinitrotoluene	9.65	165	70043	15.043	nq #	52
52) Acenaphthene	9.90	154	321187	18.371	nq	95
53) 3-Nitroaniline	9.81	138	94406	17.267	nq #	91
54) 2,4-Dinitrophenol	9.93	184	4215	9.646	nq #	1
55) Dibenzofuran	10.07	168	381420	15.012	nq #	64
56) 4-Nitrophenol	9.97	139	143146	34.197	nq	81
57) 2,4-Dinitrotoluene	10.05	165	108342	18.181	nq #	98
58) Fluorene	10.41	166	427413	22.417	nq #	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	63975	11.652	nq #	63
60) Diethylphthalate	10.28	149	328026	15.493	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	148440	14.360	nq	95
62) 4-Nitroaniline	10.42	138	67960	13.166	nq	91
63) Azobenzene	10.56	77	297988	14.963	nq #	81
65) 4,6-Dinitro-2-methylphenol	10.46	198	7223	3.481	nq #	1
66) n-Nitrosodiphenylamine	10.52	169	634662	40.161	nq #	73
67) 4-Bromophenyl-phenylether	10.89	248	87537	15.243	nq #	90
68) Hexachlorobenzene	10.97	284	90813	14.849	nq	95
69) Atrazine	11.05	200	82091	18.430	nq	93
70) Pentachlorophenol	11.16	266	82944	22.183	nq	99
71) Phenanthrene	11.37	178	668377	26.663	nq	97
72) Anthracene	11.42	178	476237	18.935	nq	96
73) Carbazole	11.58	167	362123	14.886	nq	93
74) Di-n-butylphthalate	11.91	149	617360	21.816	nq	99
75) Fluoranthene	12.56	202	435833	16.158	nq	98
77) Benzidine	12.68	184	30181	3.067	nq #	44
78) Pyrene	12.79	202	482778	18.537	nq	99
80) Butylbenzylphthalate	13.41	149	160999	14.808	nq	96
81) Benzo(a)anthracene	13.98	228	328661	16.375	nq	97
82) 3,3'-Dichlorobenzidine	13.94	252	78444	10.765	nq #	95
83) Chrysene	14.02	228	334011	15.874	nq	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	340326	26.665	nq #	99
85) Di-n-octyl phthalate	14.58	149	378791	17.152	nq #	94
87) Indeno(1,2,3-cd)pyrene	16.90	276	306528	16.381	nq	96
88) Benzo(b)fluoranthene	15.03	252	267647	14.085	nq #	84
89) Benzo(k)fluoranthene	15.06	252	263922	14.877	nq #	83
90) Benzo(a)pyrene	15.39	252	235338	14.159	nq #	84
91) Dibenzo(a,h)anthracene	16.92	278	260871	17.100	nq #	91
92) Benzo(g,h,i)perylene	17.34	276	262497	17.446	nq #	92

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

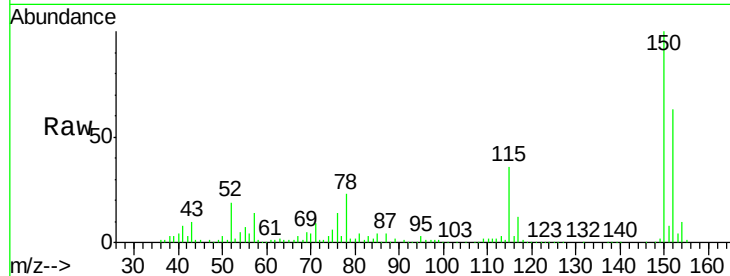


#1

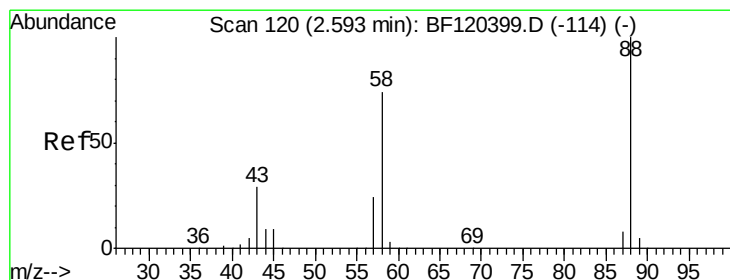
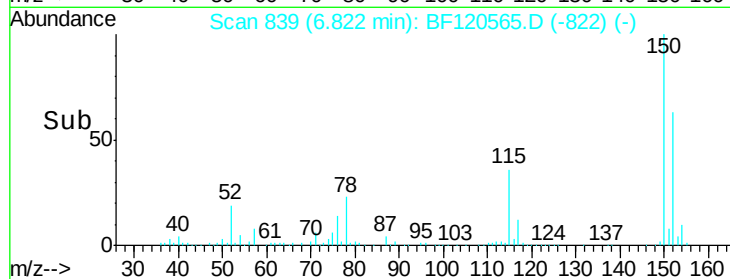
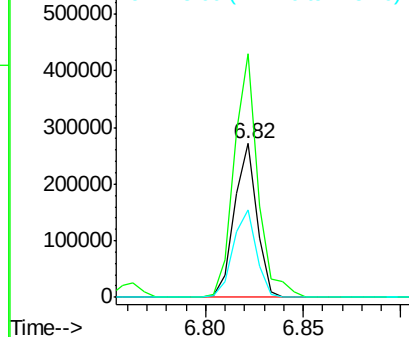
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Instrument :
BNA_F
ClientSampleId :
SP-2AMS

Tot Ion:152 Resp: 217484
Ion Ratio Lower Upper
152 100
150 158.3 124.2 186.4
115 57.2 43.8 65.6



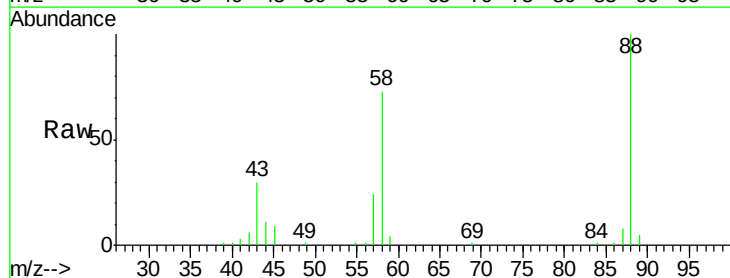
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



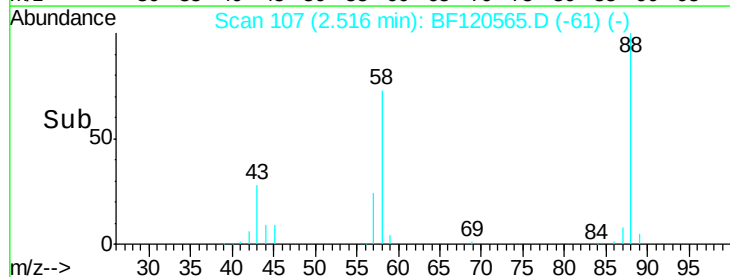
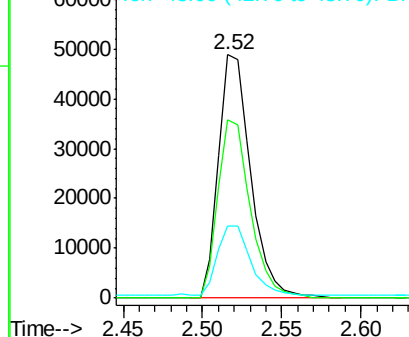
#2

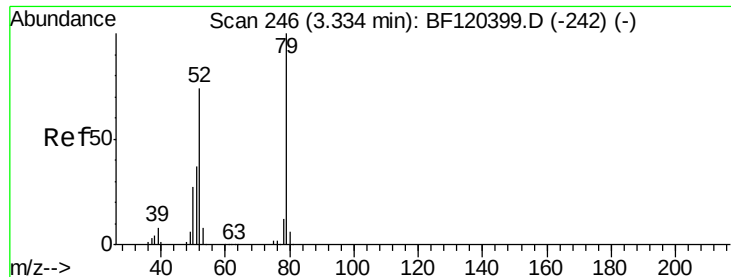
1,4-Dioxane
Concen: 12.237 ng
RT: 2.52 min Scan# 107
Delta R.T. -0.03 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Tgt Ion: 88 Resp: 69174
Ion Ratio Lower Upper
88 100
58 73.5 58.8 88.2
43 30.1 23.0 34.4



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: 9.189 ng

RT: 3.29 min Scan# 238

Delta R.T. -0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

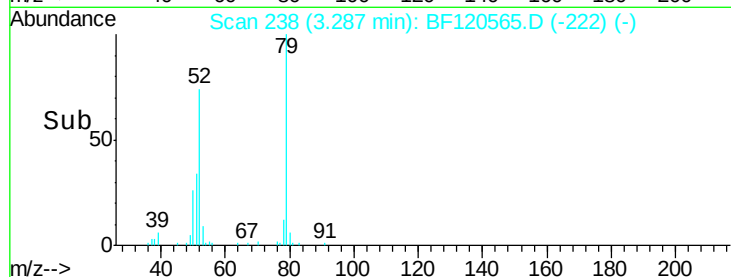
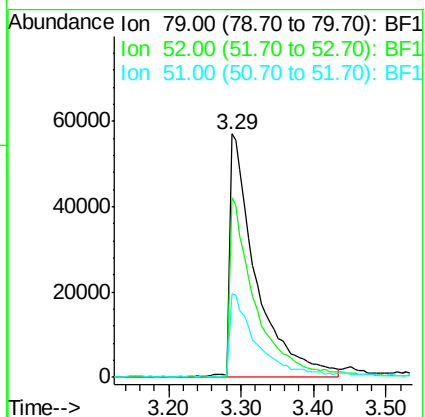
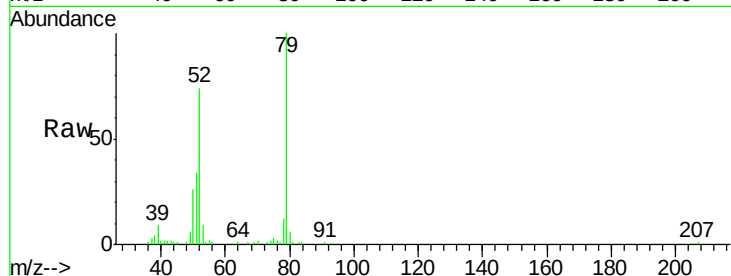
Tot Ion: 79 Resp: 143873

Ion Ratio Lower Upper

79 100

52 73.6 57.0 85.4

51 34.1 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 13.763 ng

RT: 3.20 min Scan# 223

Delta R.T. -0.04 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

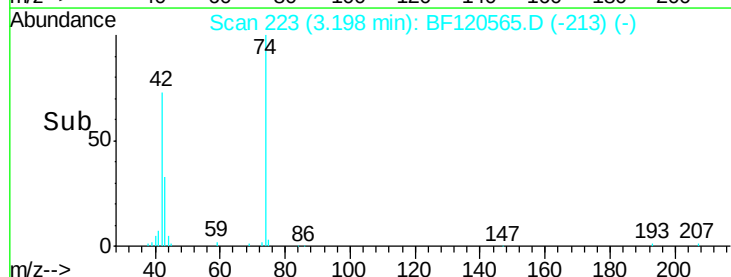
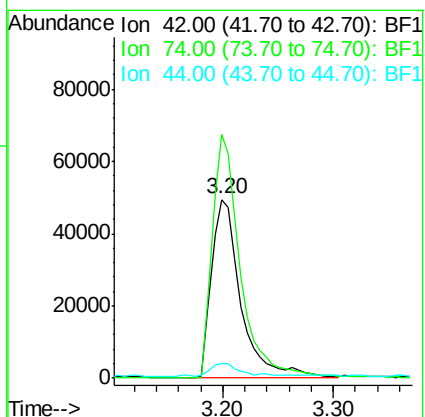
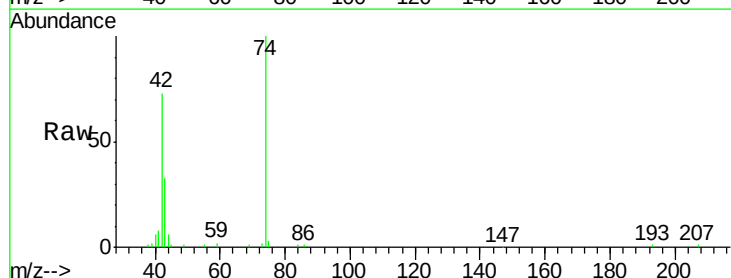
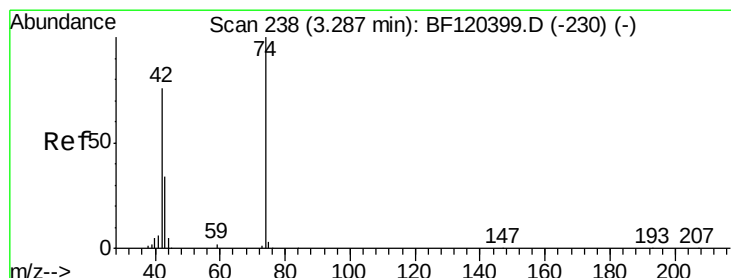
Tgt Ion: 42 Resp: 91190

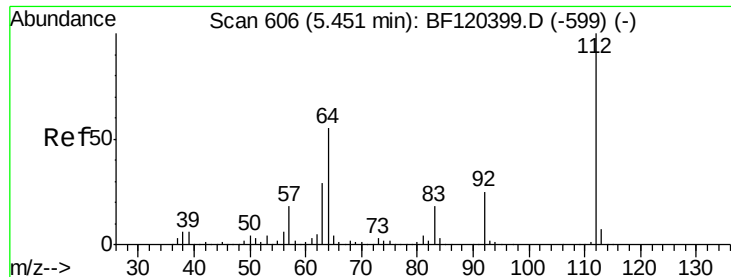
Ion Ratio Lower Upper

42 100

74 136.5 110.8 166.2

44 8.1 5.8 8.8





#5

2-Fluorophenol

Concen: 51.947 ng

RT: 5.43 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

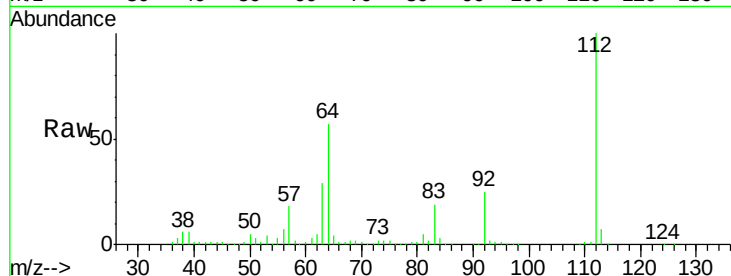
Tot Ion:112 Resp: 592816

Ion Ratio Lower Upper

112 100

64 57.2 46.5 69.7

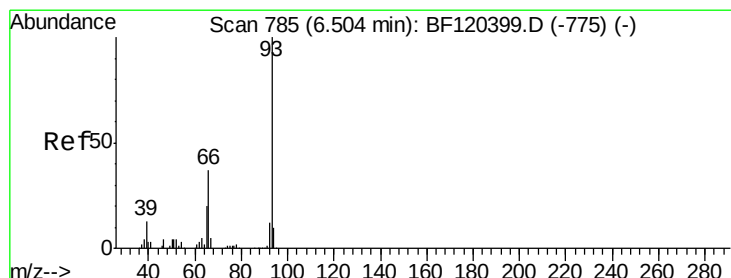
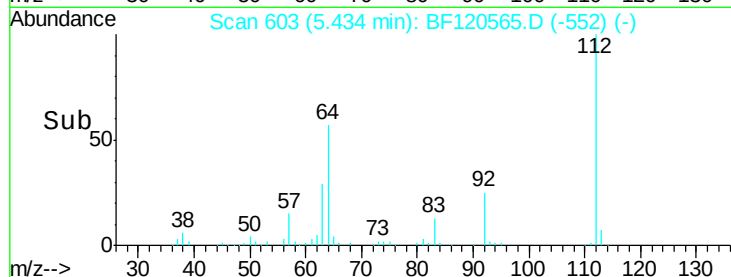
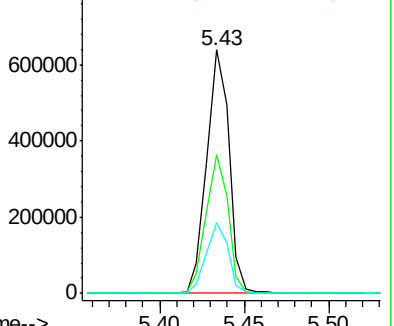
63 29.3 23.6 35.4



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: 10.871 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

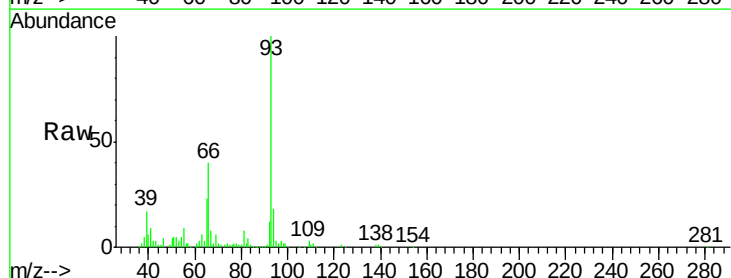
Tgt Ion: 93 Resp: 213220

Ion Ratio Lower Upper

93 100

66 39.9 29.1 43.7

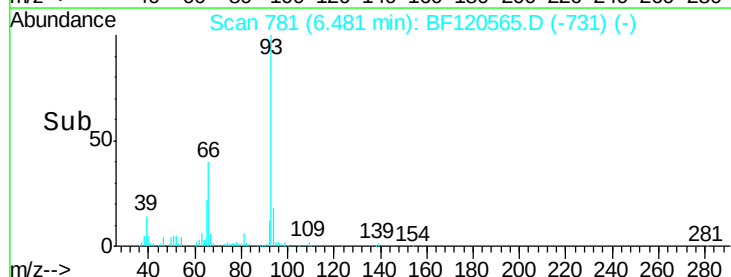
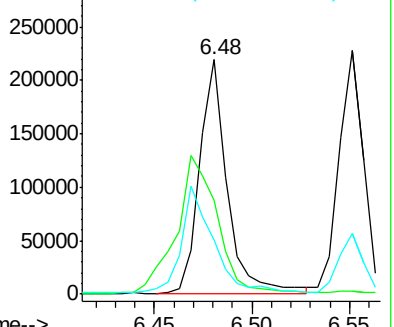
65 22.9 15.4 23.0

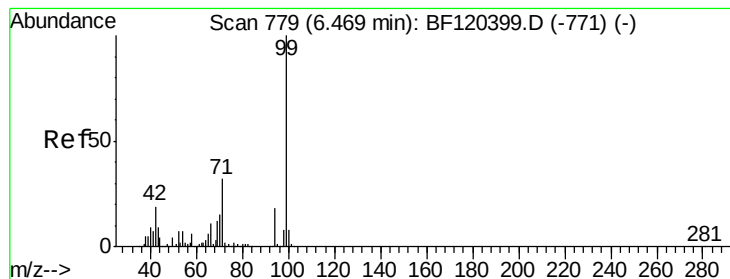


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 52.582 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

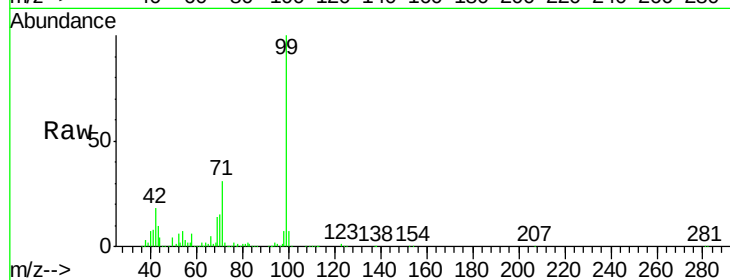
Tot Ion: 99 Resp: 739619

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

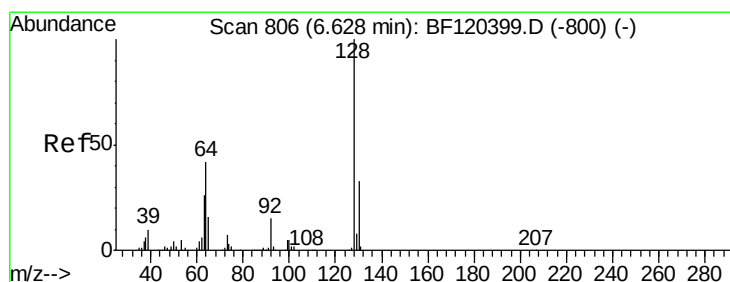
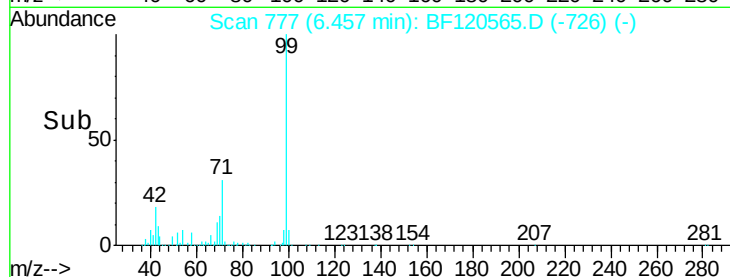
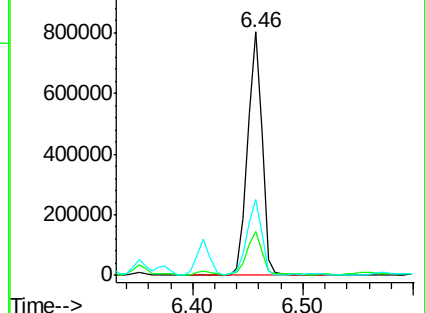
71 31.4 25.8 38.6



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: 15.406 ng

RT: 6.60 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

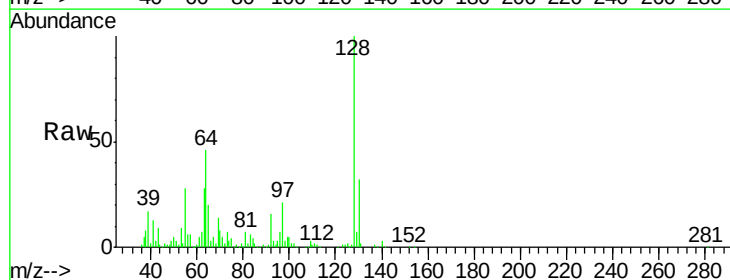
Tgt Ion: 128 Resp: 198238

Ion Ratio Lower Upper

128 100

130 31.7 12.1 52.1

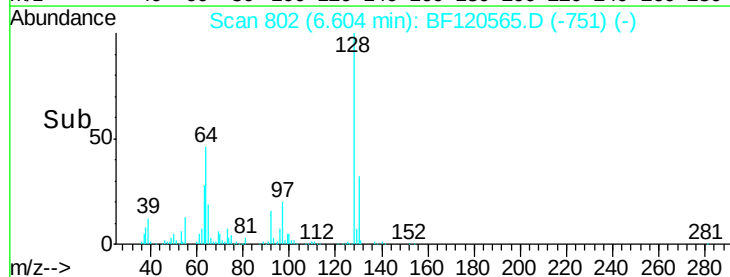
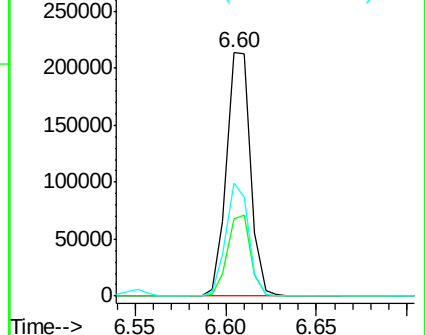
64 46.5 27.0 67.0

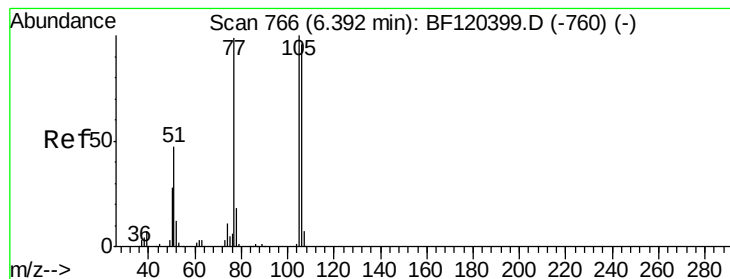


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.482 ng

RT: 6.37 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

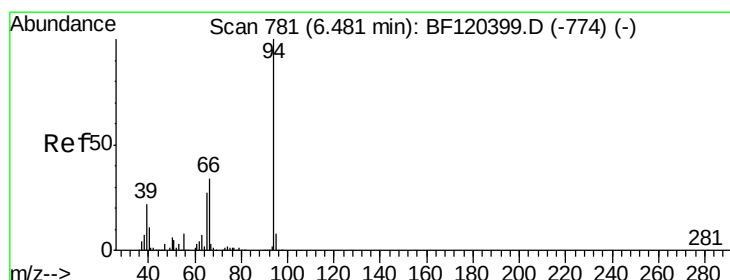
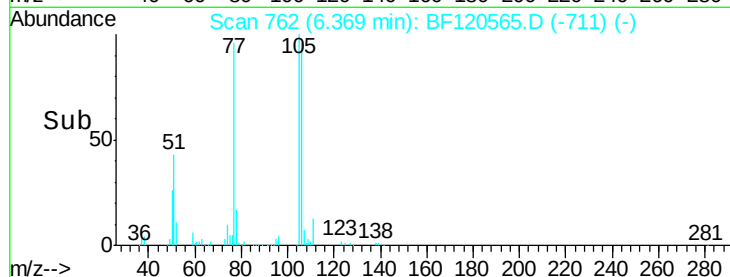
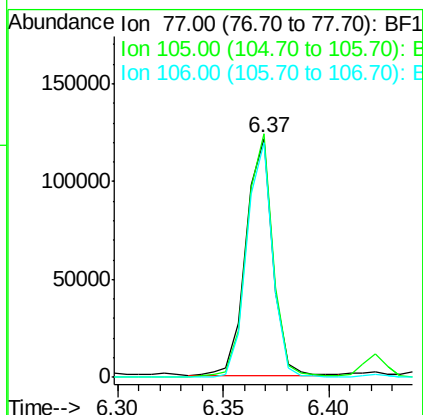
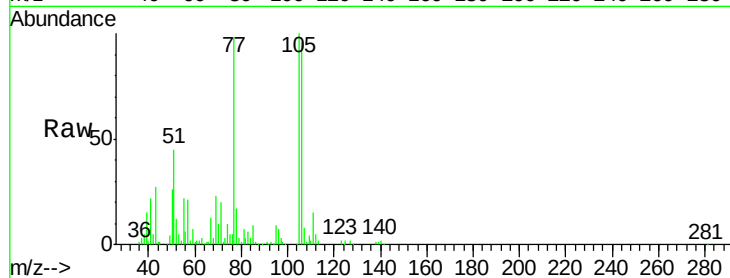
Tot Ion: 77 Resp: 107009

Ion Ratio Lower Upper

77 100

105 101.9 81.7 121.7

106 98.3 78.6 118.6



#10

Phenol

Concen: 16.584 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

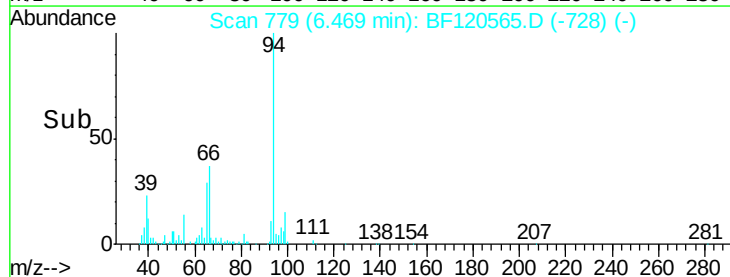
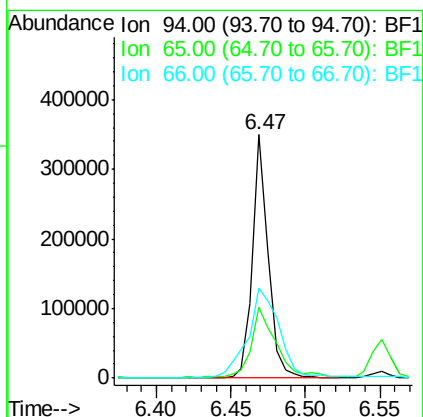
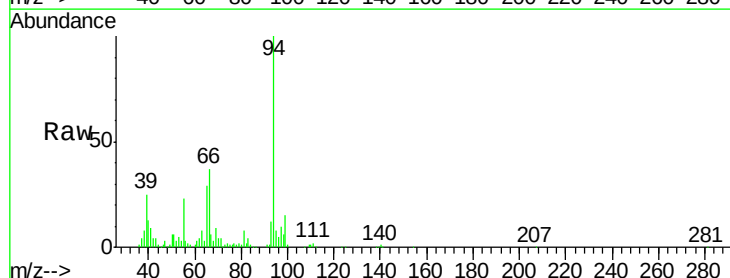
Tgt Ion: 94 Resp: 255089

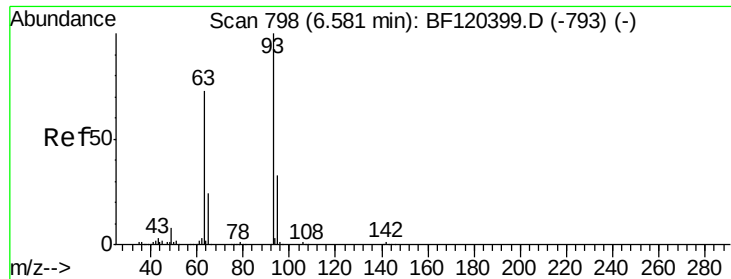
Ion Ratio Lower Upper

94 100

65 28.9 9.8 49.8

66 37.0 19.4 59.4

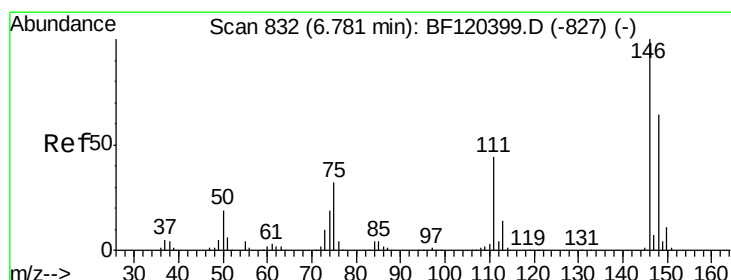
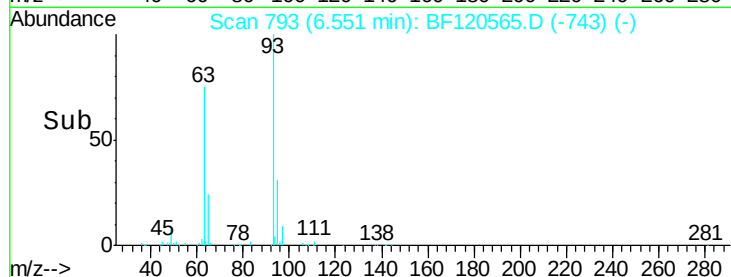
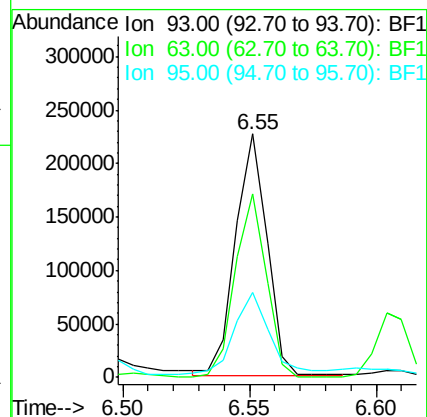
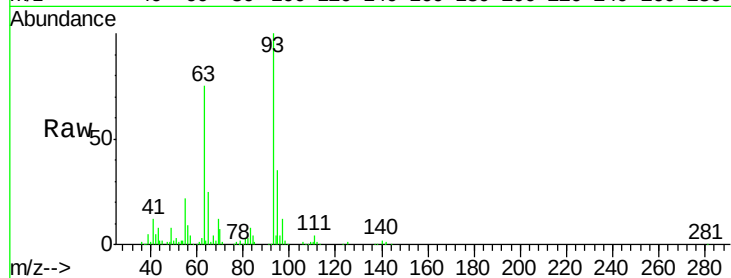




#11
bis(2-Chloroethyl)ether
Concen: 15.344 ng
RT: 6.55 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

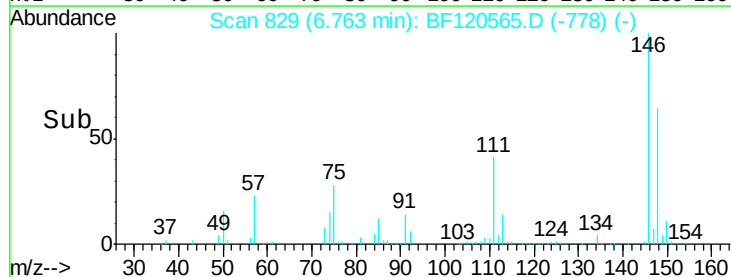
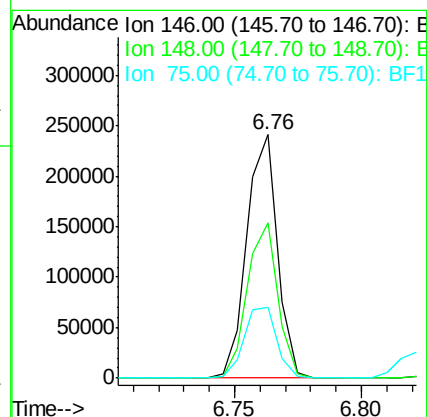
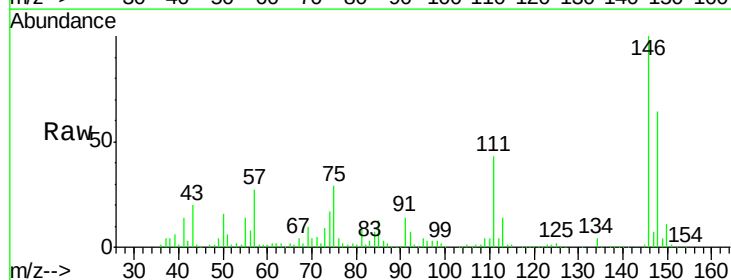
Instrument :
BNA_F
ClientSampleId :
SP-2AMS

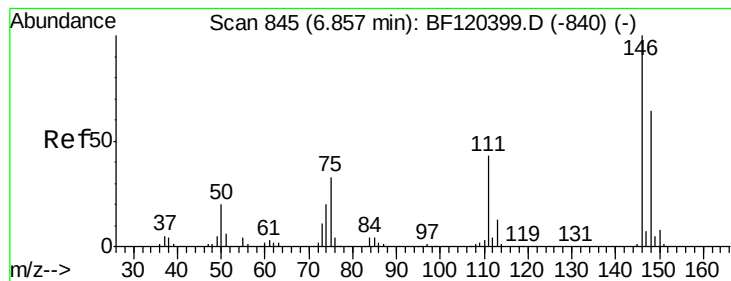
Tot Ion:	93	Resp:	197229
Ion	Ratio	Lower	Upper
93	100		
63	75.3	54.4	94.4
95	34.8	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 14.322 ng
RT: 6.76 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Tgt Ion:	146	Resp:	202465
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
75	28.9	22.1	33.1





#13

1,4-Dichlorobenzene

Concen: 13.893 ng

RT: 6.84 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

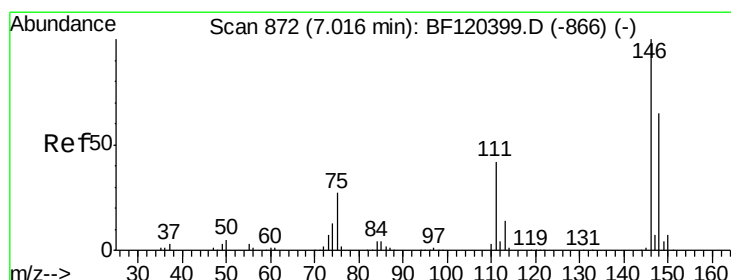
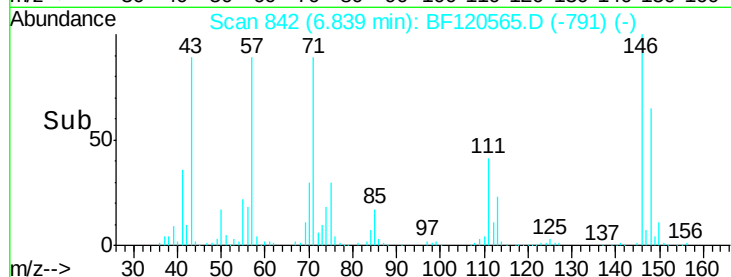
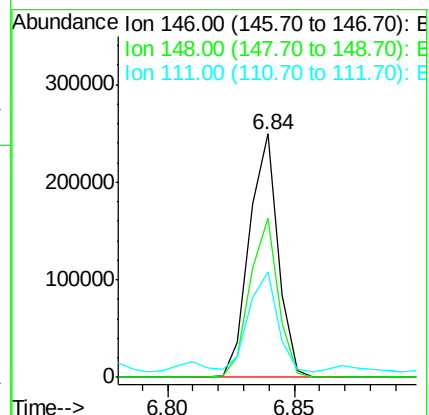
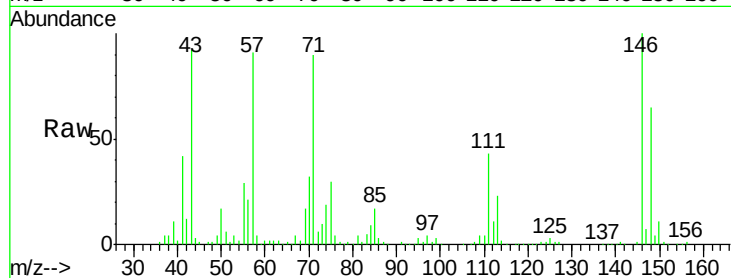
Tot Ion:146 Resp: 195956

Ion Ratio Lower Upper

146 100

148 65.4 51.0 76.4

111 43.0 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 14.790 ng

RT: 6.99 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

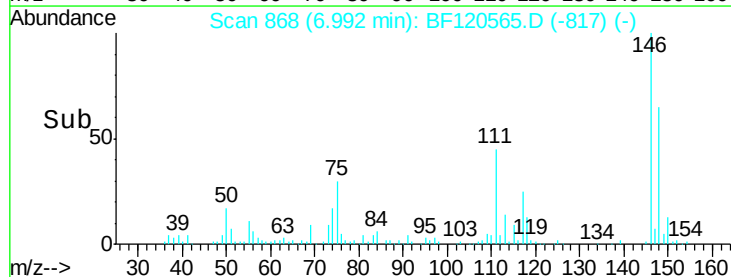
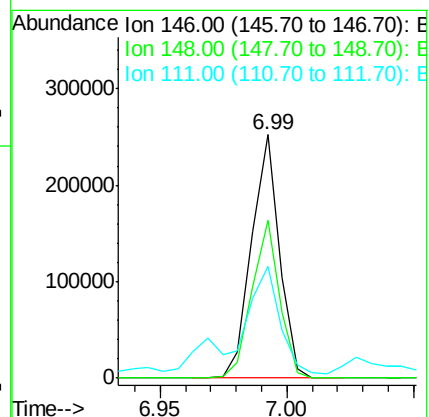
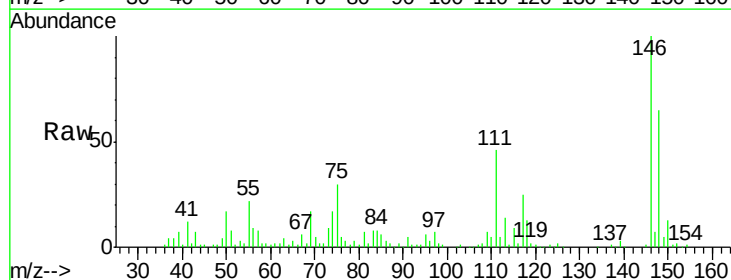
Tgt Ion:146 Resp: 192679

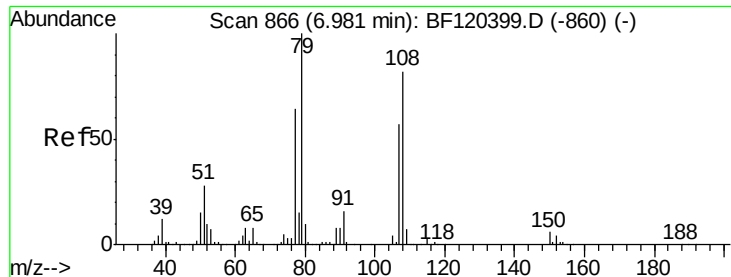
Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.4

111 46.1 34.2 51.4





#15

Benzyl Alcohol

Concen: 15.448 ng

RT: 6.96 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

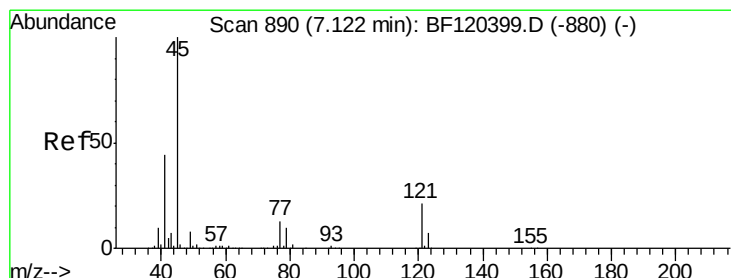
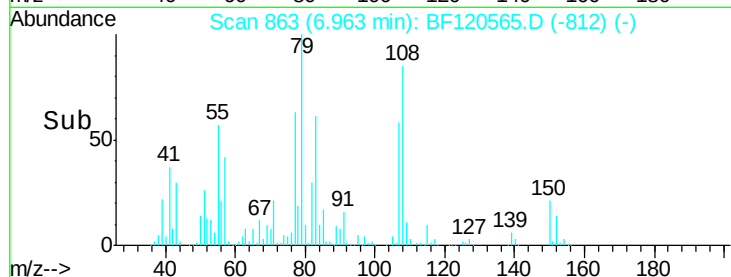
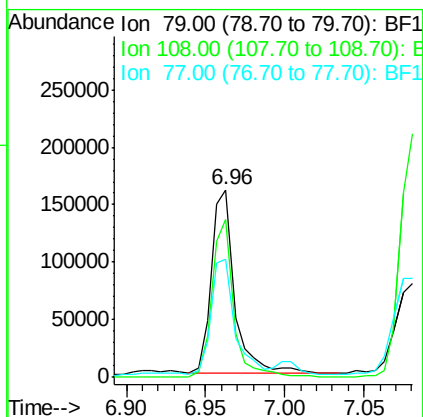
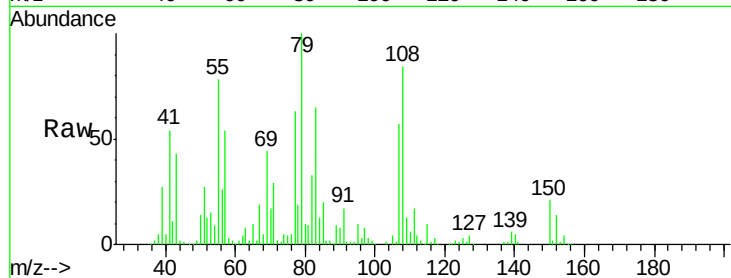
Tot Ion: 79 Resp: 163805

Ion Ratio Lower Upper

79 100

108 84.0 65.0 97.6

77 62.8 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 13.201 ng

RT: 7.10 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

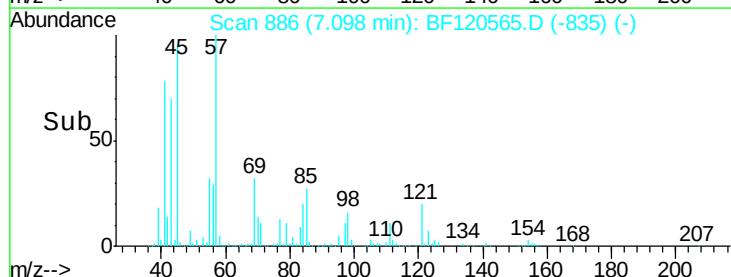
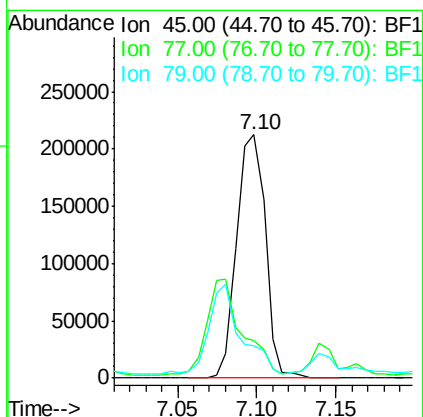
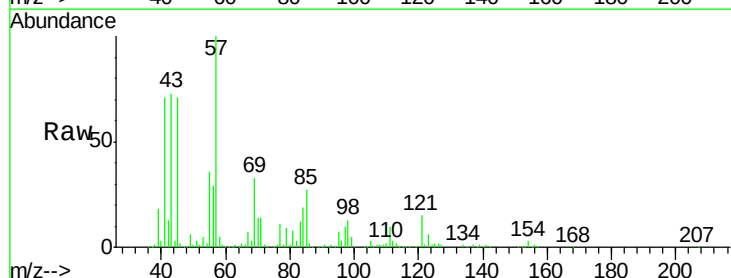
Tgt Ion: 45 Resp: 267514

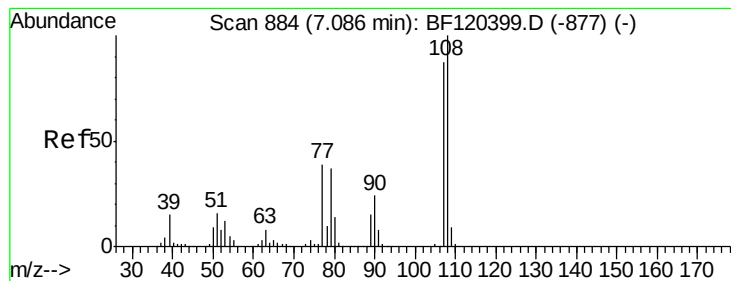
Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.2

79 13.3 0.0 31.3

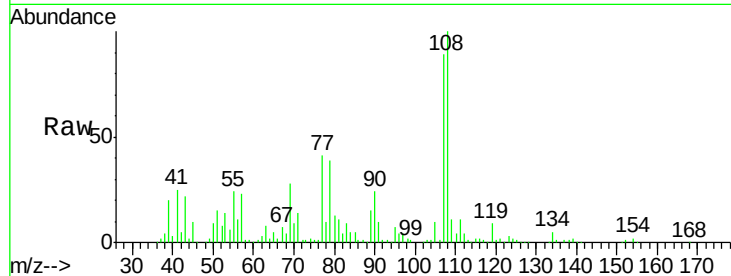




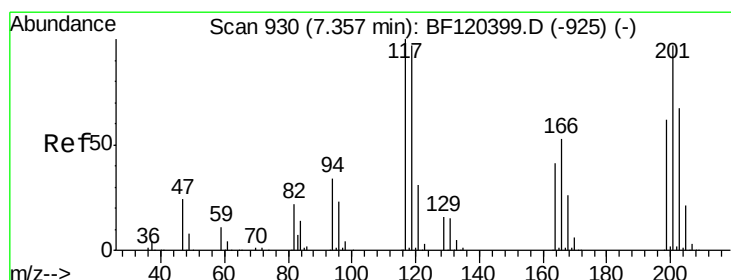
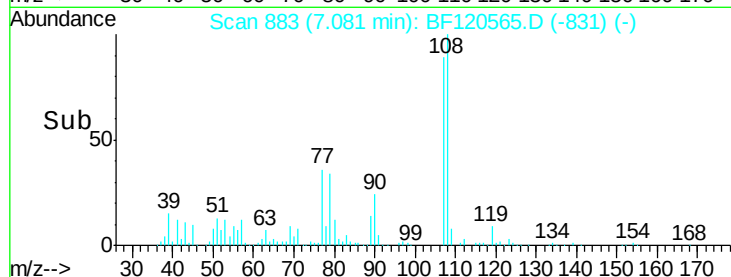
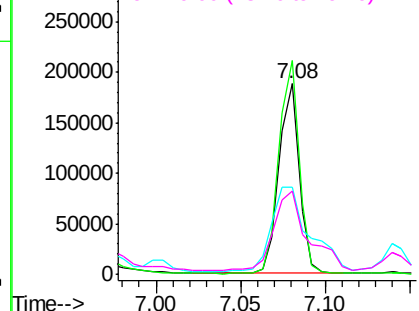
#17
2-Methylphenol
Concen: 13.598 ng
RT: 7.08 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Instrument :
BNA_F
ClientSampleId :
SP-2AMS

Tot Ion:107 Resp: 156461
Ion Ratio Lower Upper
107 100
108 112.3 92.6 139.0
77 45.7 36.2 54.2
79 43.4 35.8 53.8

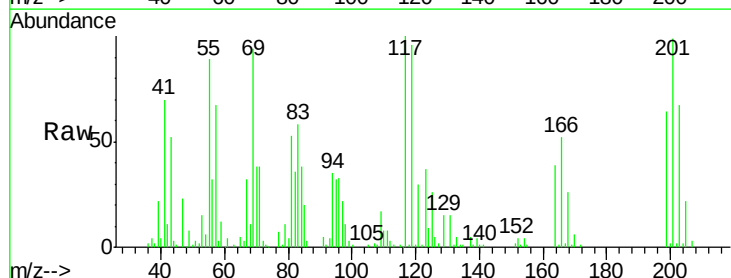


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

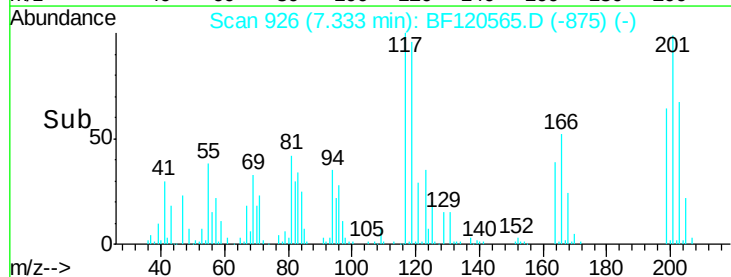
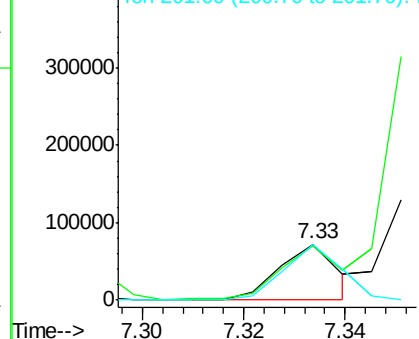


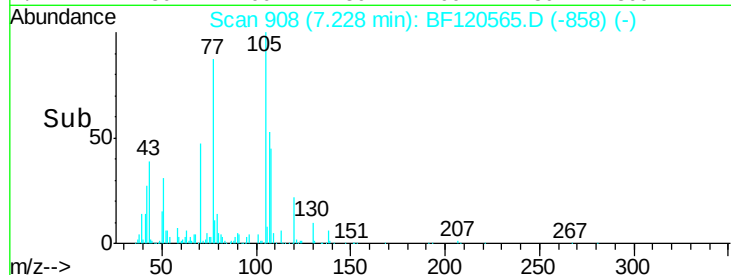
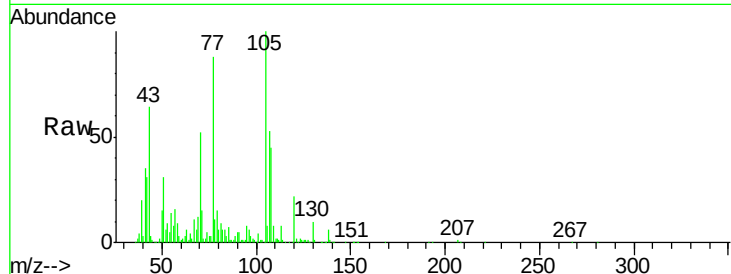
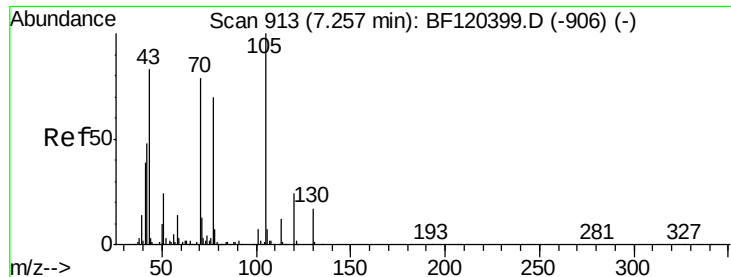
#18
Hexachloroethane
Concen: 11.121 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Tgt Ion:117 Resp: 57420
Ion Ratio Lower Upper
117 100
119 96.5 77.8 116.8
201 99.0 84.4 126.6



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

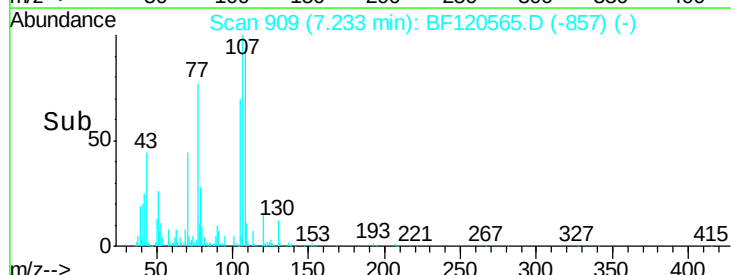
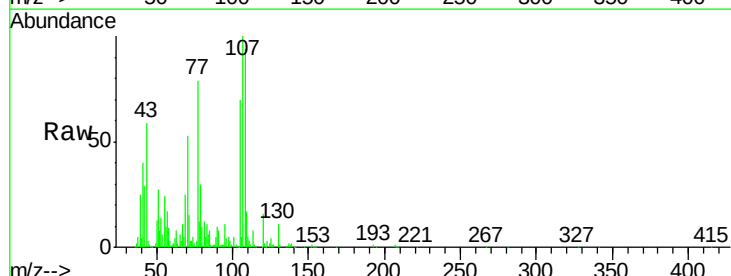
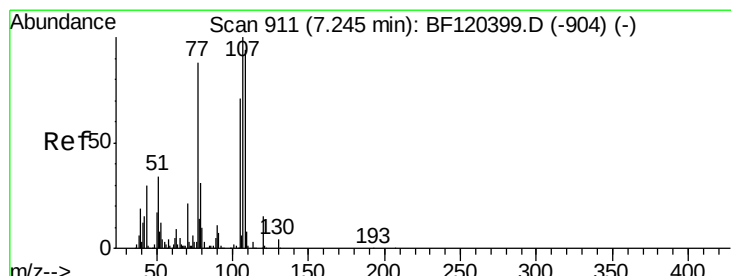
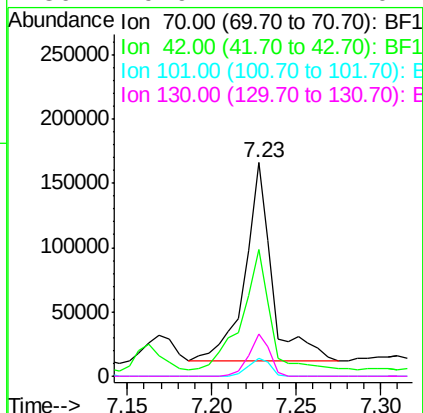




#19
n-Nitroso-di-n-propylamine
Concen: 19.544 ng
RT: 7.23 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

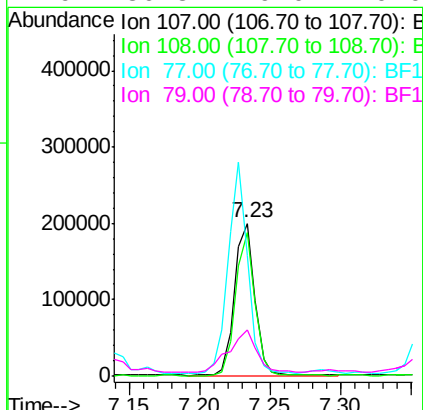
Instrument :
BNA_F
ClientSampled :
SP-2AMS

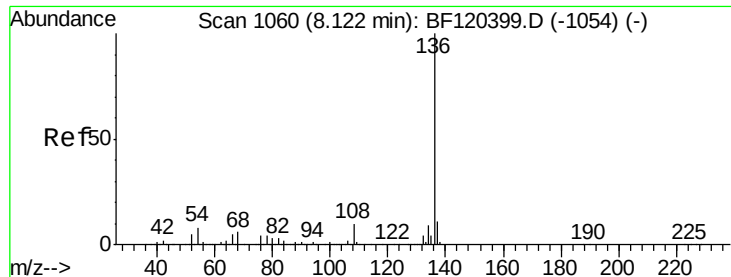
Tot Ion:	70	Resp:	174746
Ion	Ratio	Lower	Upper
70	100		
42	59.2	49.1	73.7
101	8.6	7.7	11.5
130	19.9	17.4	26.2



#20
3+4-Methylphenols
Concen: 13.689 ng
RT: 7.23 min Scan# 909
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Tgt Ion:	107	Resp:	198985
Ion	Ratio	Lower	Upper
107	100		
108	93.7	70.4	110.4
77	78.9	92.2	132.2#
79	30.3	9.0	49.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

Tot Ion:136 Resp: 711371

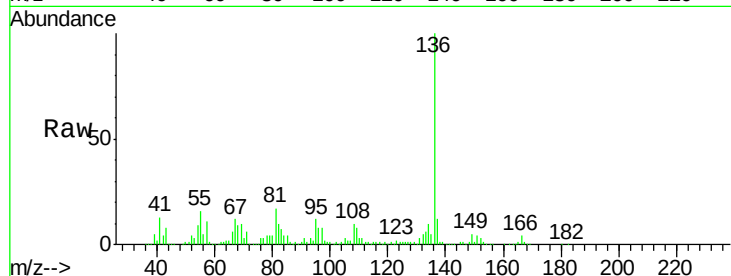
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 9.0 5.1 7.7#

68 8.8 4.0 6.0#

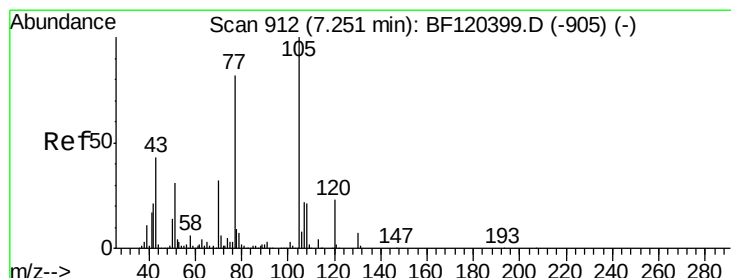
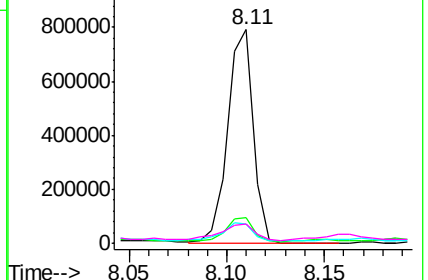
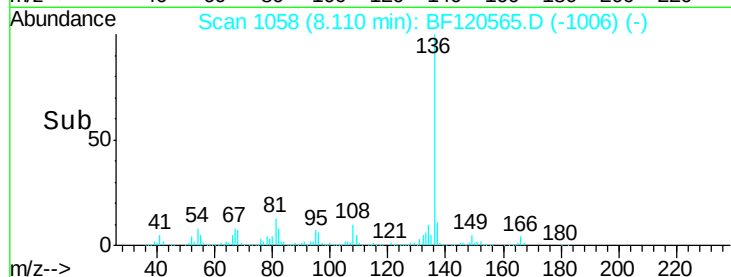


Abundance Ion 136.00 (135.70 to 136.70): E

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: 21.936 ng

RT: 7.23 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Tgt Ion:105 Resp: 316920

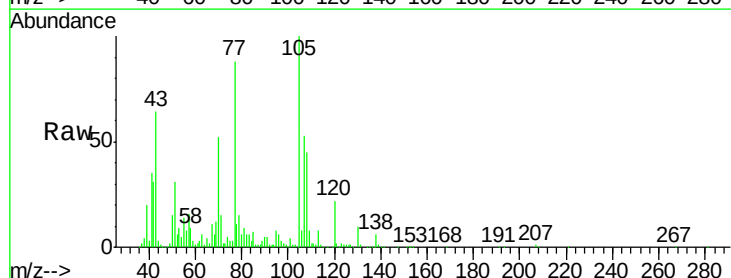
Ion Ratio Lower Upper

105 100

71 14.5 5.1 7.7#

51 31.3 30.7 46.1

120 22.3 17.4 26.2

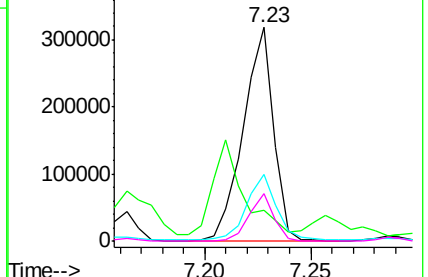
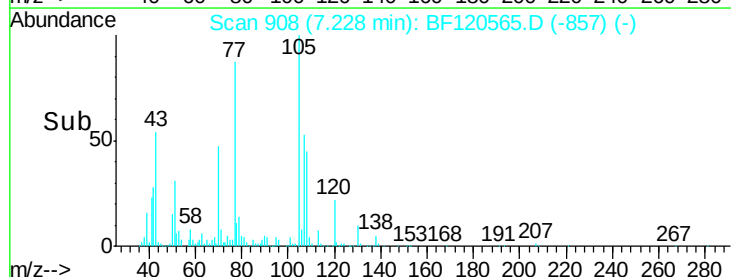


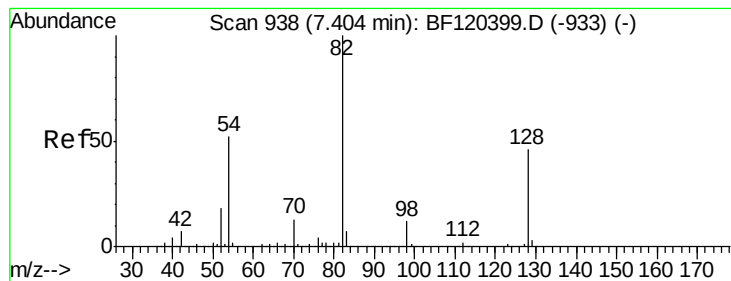
Abundance Ion 105.00 (104.70 to 105.70): E

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: 41.456 ng

RT: 7.38 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

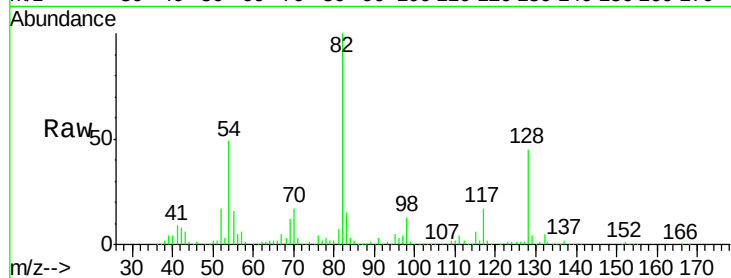
Tot Ion: 82 Resp: 450836

Ion Ratio Lower Upper

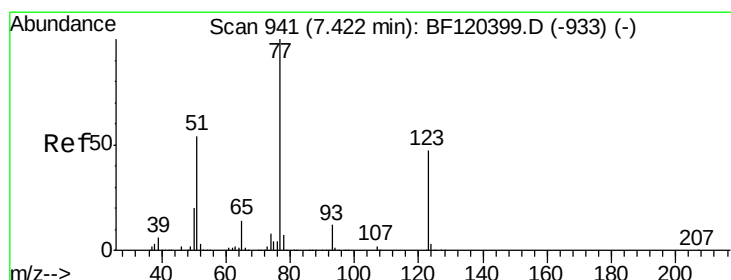
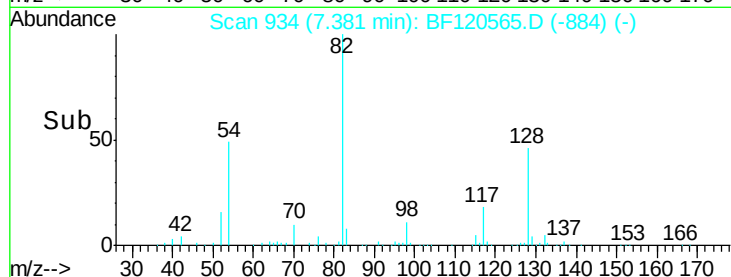
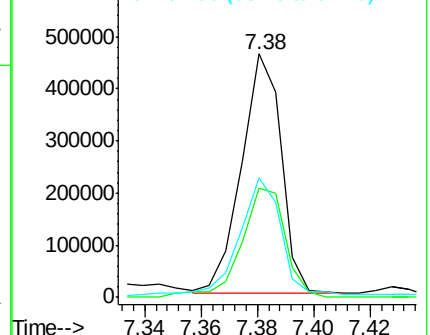
82 100

128 44.8 38.6 57.8

54 49.3 39.5 59.3



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: 18.434 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

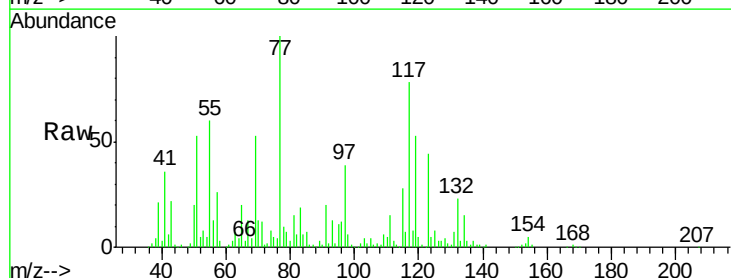
Tgt Ion: 77 Resp: 215946

Ion Ratio Lower Upper

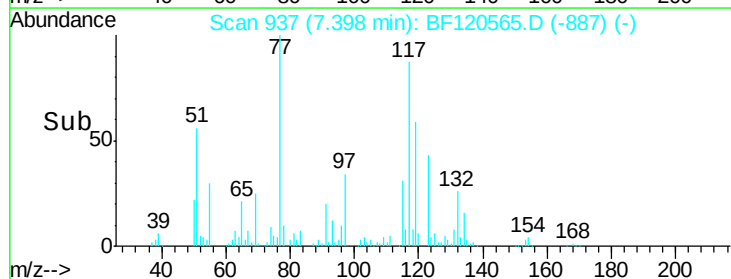
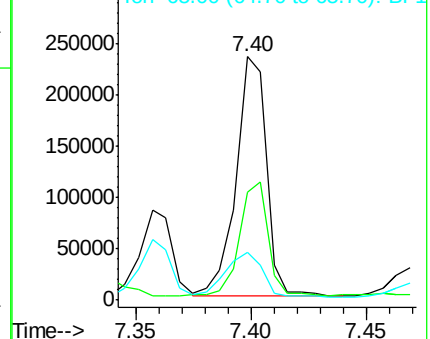
77 100

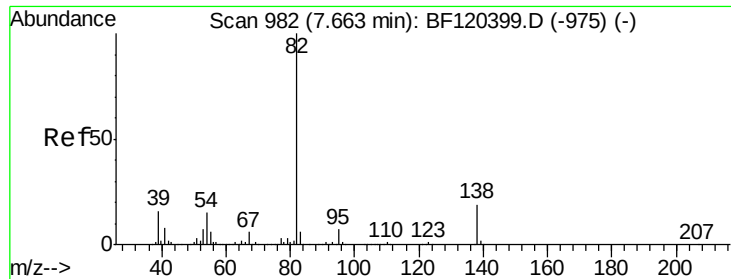
123 44.4 41.3 61.9

65 19.8 10.8 16.2#



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





#25

Isophorone

Concen: 18.732 ng

RT: 7.64 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

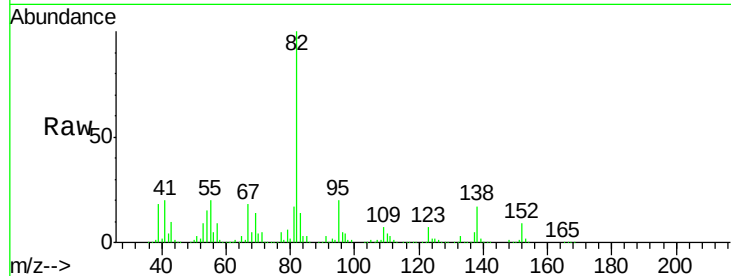
Tot Ion: 82 Resp: 409427

Ion Ratio Lower Upper

82 100

95 20.1 5.8 8.6#

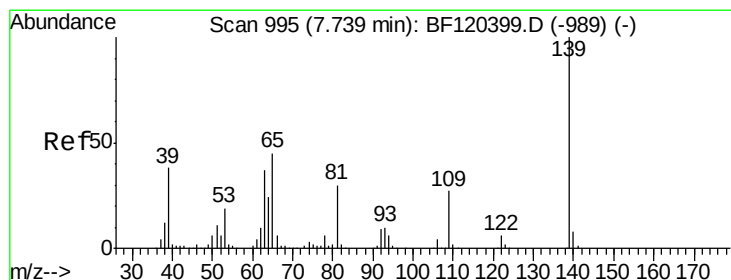
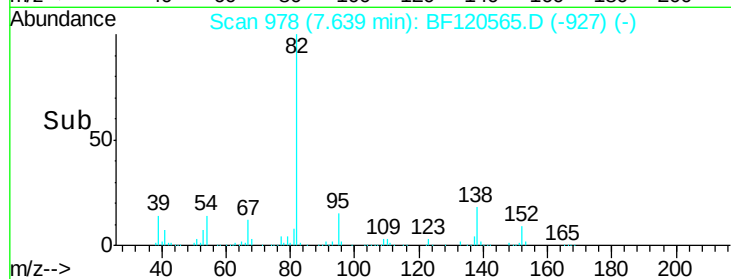
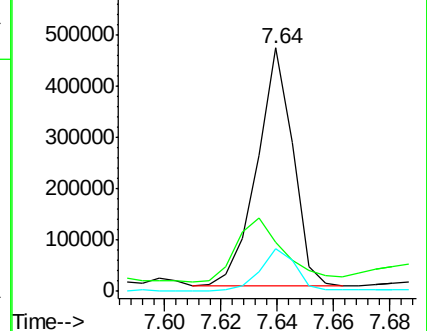
138 17.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 16.410 ng

RT: 7.72 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

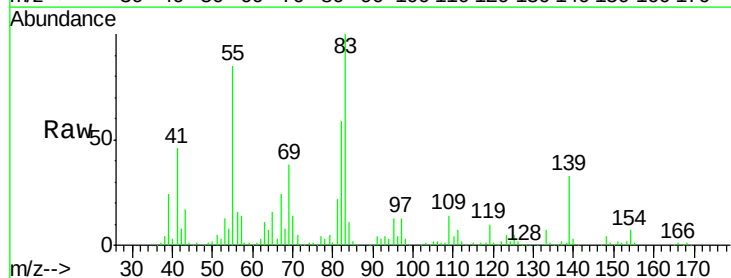
Tgt Ion: 139 Resp: 86675

Ion Ratio Lower Upper

139 100

109 42.9 22.7 34.1#

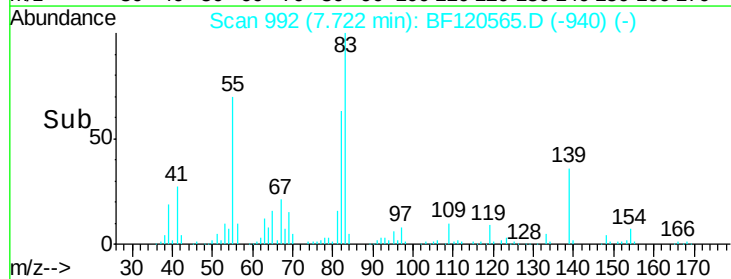
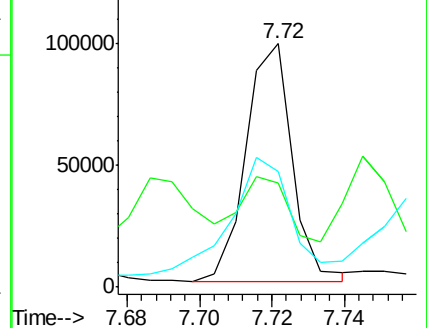
65 47.3 39.8 59.6

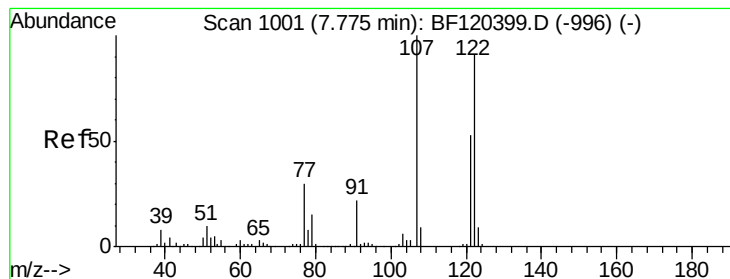


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 18.609 ng

RT: 7.76 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

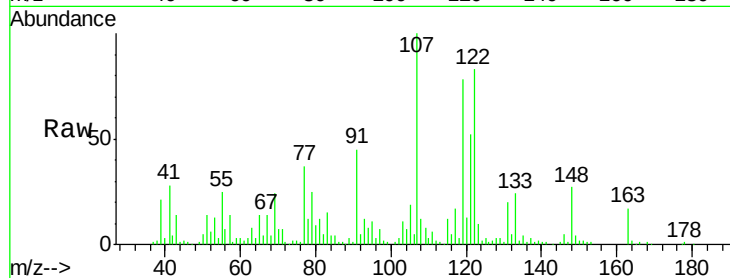
Tot Ion:122 Resp: 170692

Ion Ratio Lower Upper

122 100

107 120.2 89.0 133.6

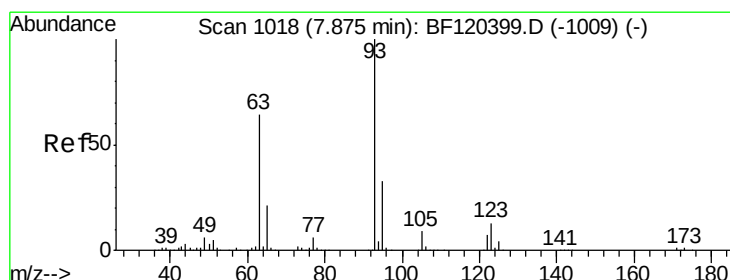
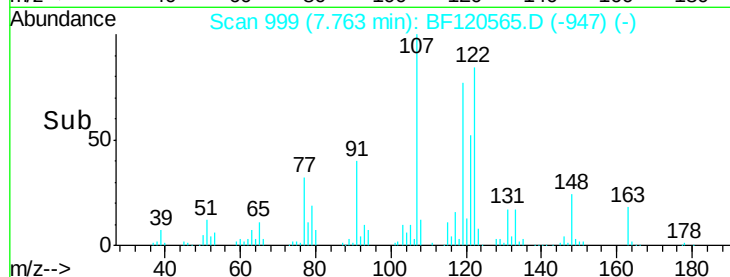
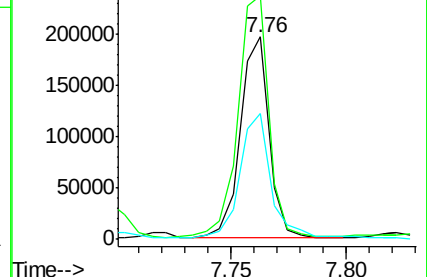
121 62.1 45.9 68.9



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: 15.837 ng

RT: 7.85 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

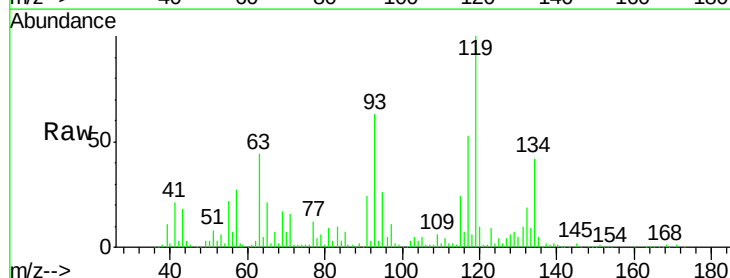
Tgt Ion: 93 Resp: 208458

Ion Ratio Lower Upper

93 100

95 41.6 25.8 38.6#

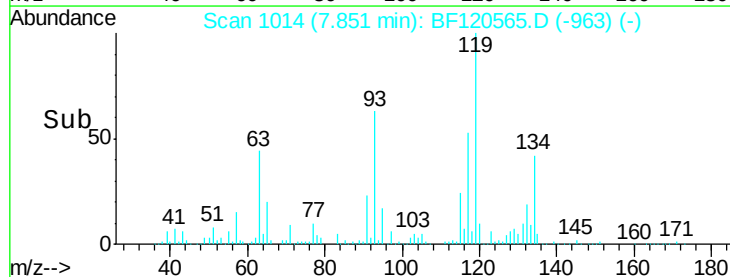
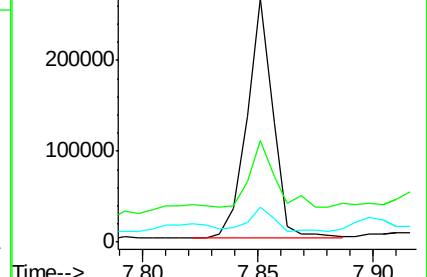
123 14.2 9.8 14.6

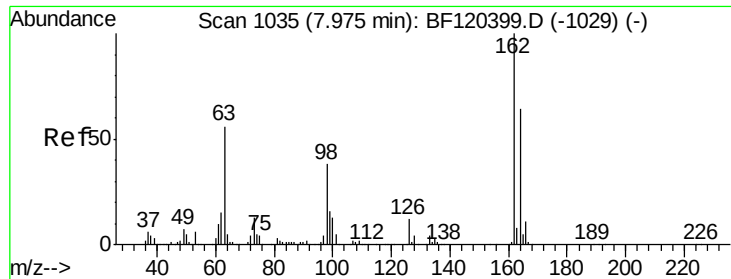


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

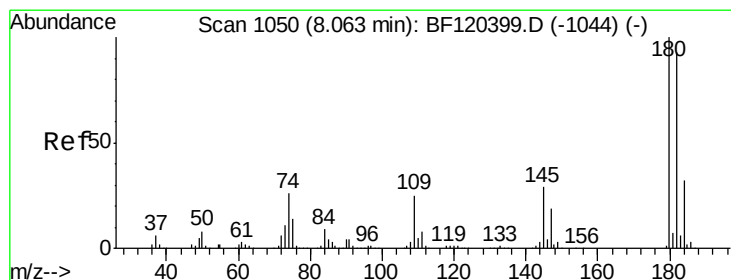
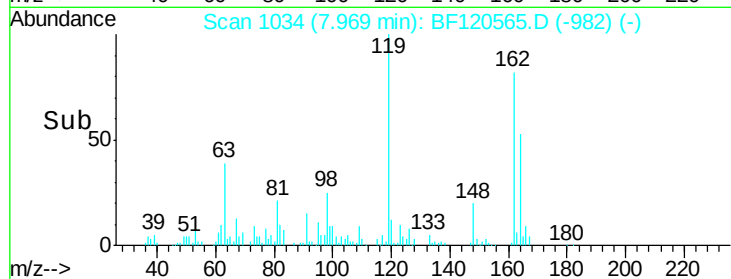
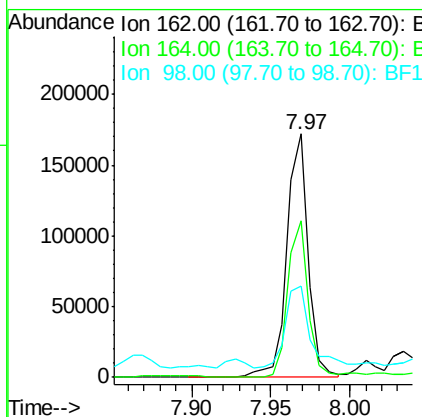
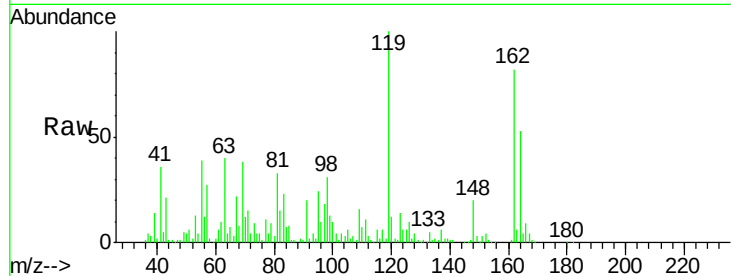




#29
 2,4-Dichlorophenol
 Concen: 17.206 ng
 RT: 7.97 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BF120565.D
 Acq: 5 Jun 2020 17:52

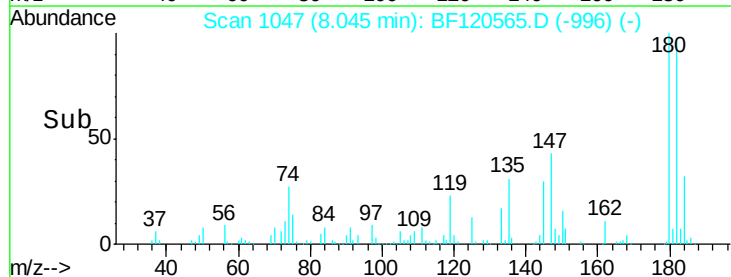
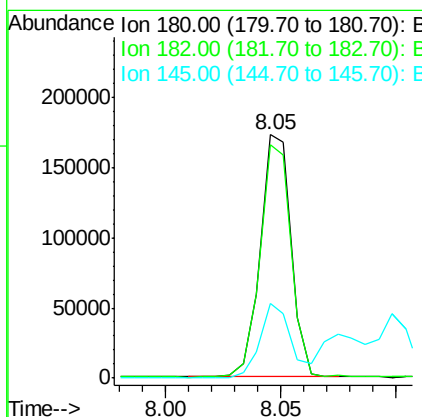
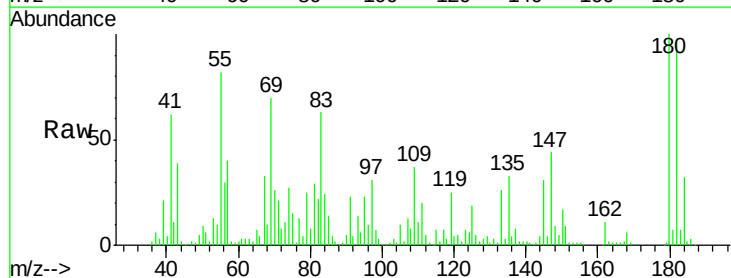
Instrument :
 BNA_F
 ClientSampleId :
 SP-2AMS

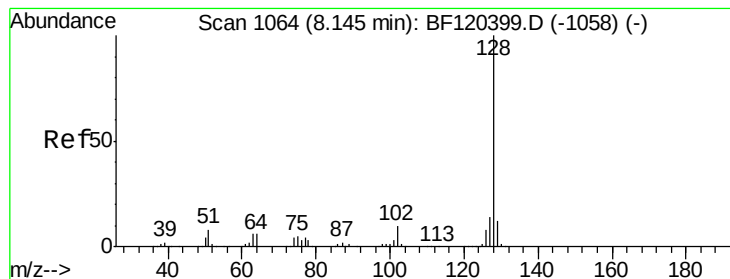
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.4	84.4
98	37.7	13.2	53.2



#30
 1,2,4-Trichlorobenzene
 Concen: 15.422 ng
 RT: 8.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF120565.D
 Acq: 5 Jun 2020 17:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.0	115.6
145	30.6	22.8	34.2





#31

Naphthalene

Concen: 17.885 ng

RT: 8.13 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

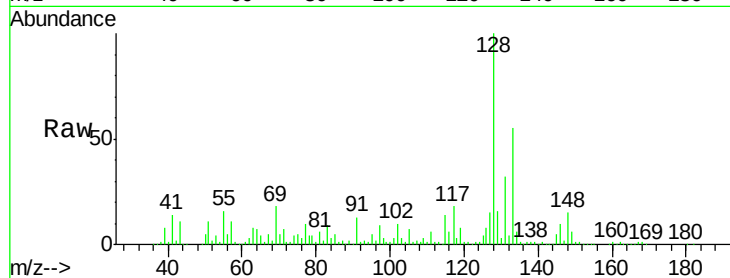
Tot Ion:128 Resp: 558762

Ion Ratio Lower Upper

128 100

129 15.6 9.0 13.6#

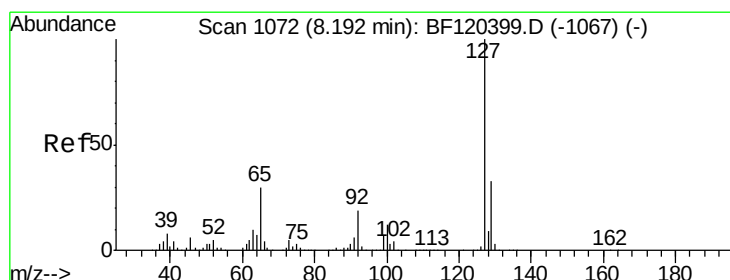
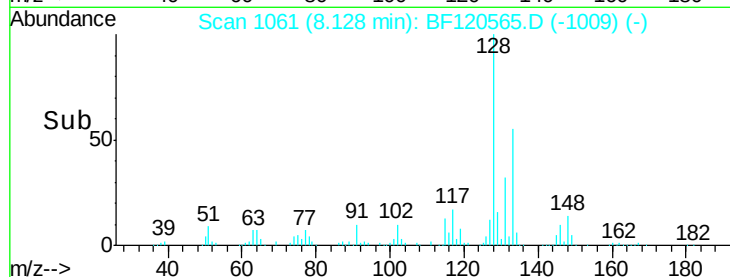
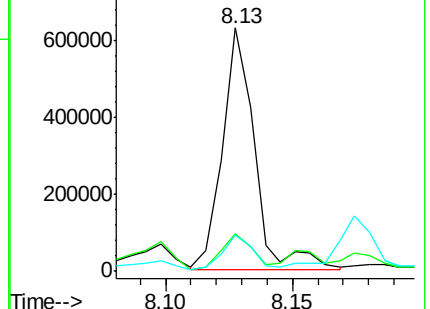
127 14.7 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 10.987 ng

RT: 8.17 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Tgt Ion:127 Resp: 152129

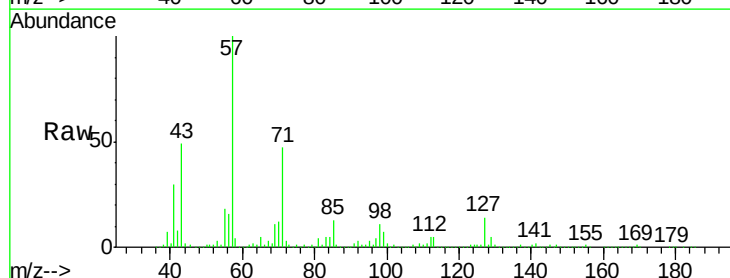
Ion Ratio Lower Upper

127 100

129 32.7 26.4 39.6

65 33.6 20.9 31.3#

92 20.0 14.0 21.0

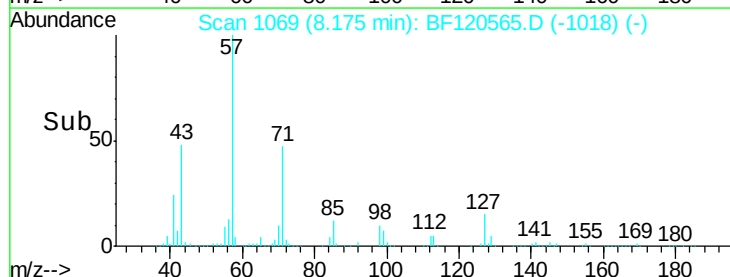
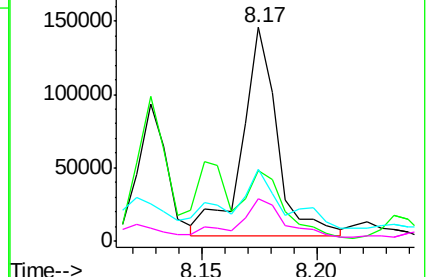


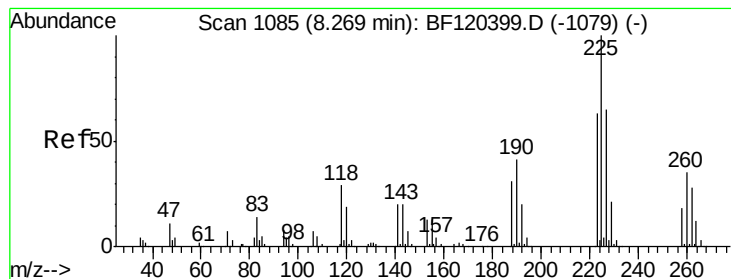
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 15.714 ng

RT: 8.25 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

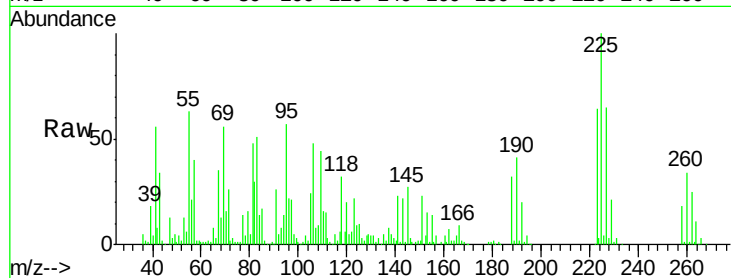
Tot Ion:225 Resp: 96844

Ion Ratio Lower Upper

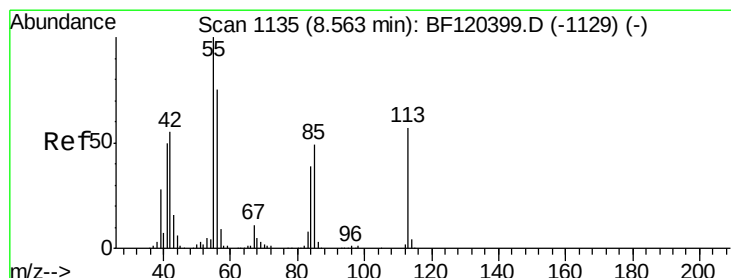
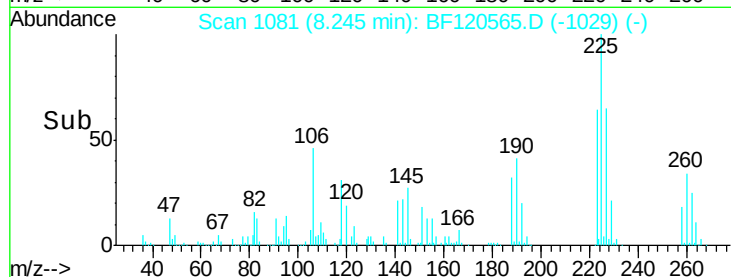
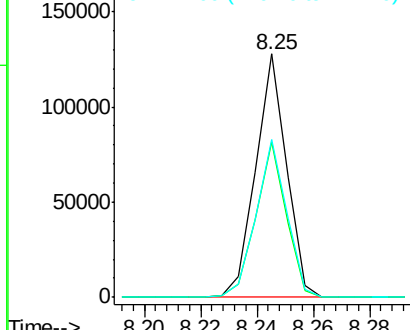
225 100

223 63.6 49.8 74.6

227 64.8 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 48.479 ng

RT: 8.53 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

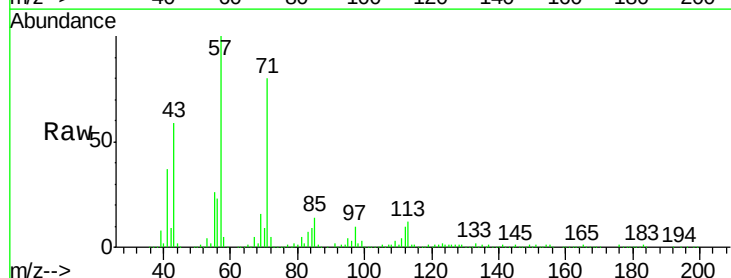
Tgt Ion:113 Resp: 145458

Ion Ratio Lower Upper

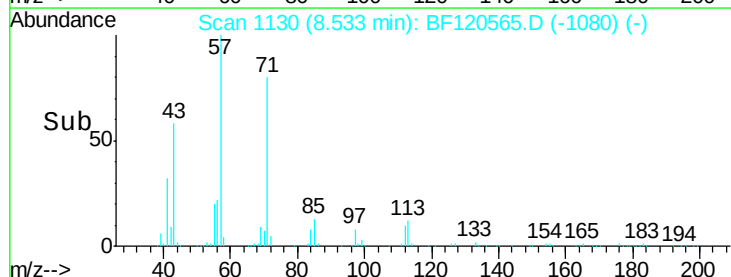
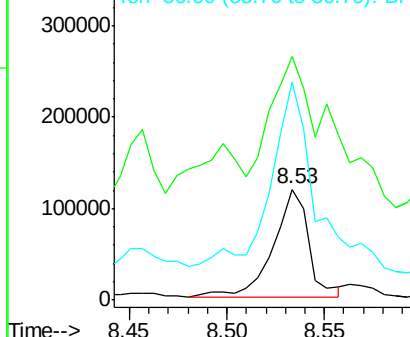
113 100

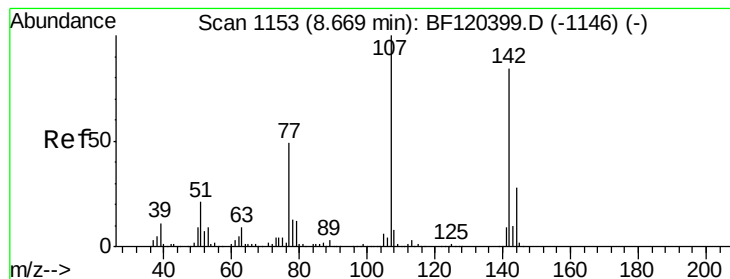
55 219.7 148.2 188.2#

56 196.5 105.3 145.3#



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: 17.520 ng

RT: 8.66 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

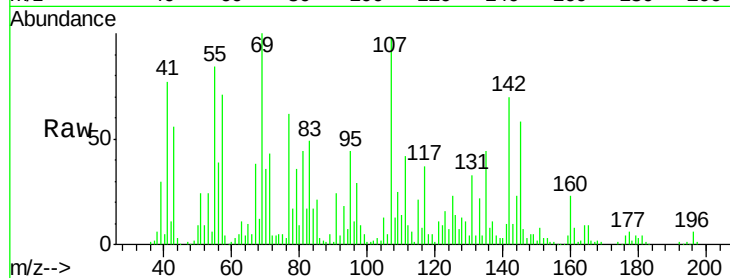
Tot Ion:107 Resp: 164677

Ion Ratio Lower Upper

107 100

144 23.8 22.0 33.0

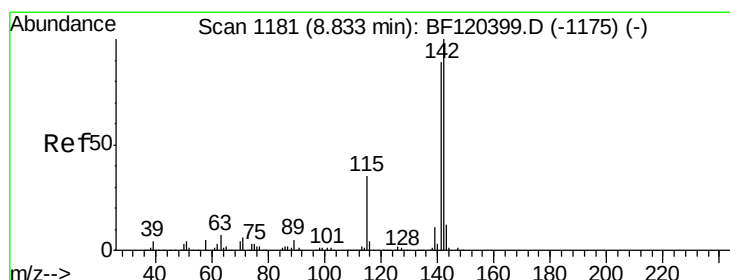
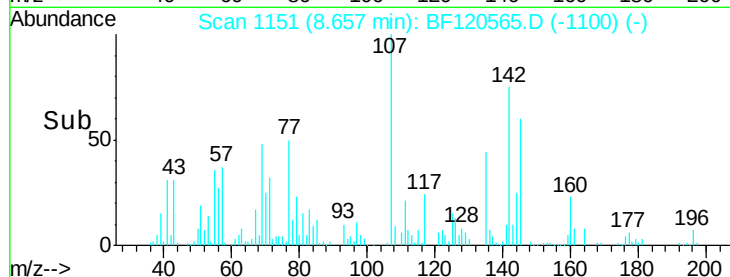
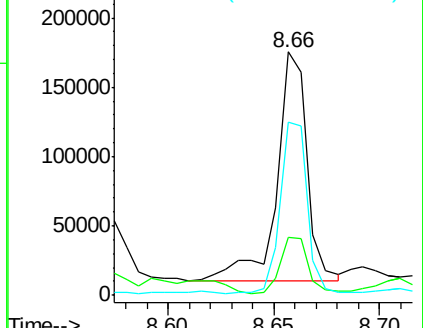
142 71.2 67.4 101.0



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: 16.558 ng

RT: 8.82 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

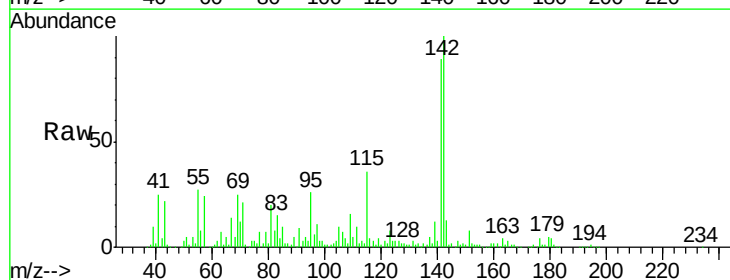
Tgt Ion:142 Resp: 342644

Ion Ratio Lower Upper

142 100

141 89.4 70.0 105.0

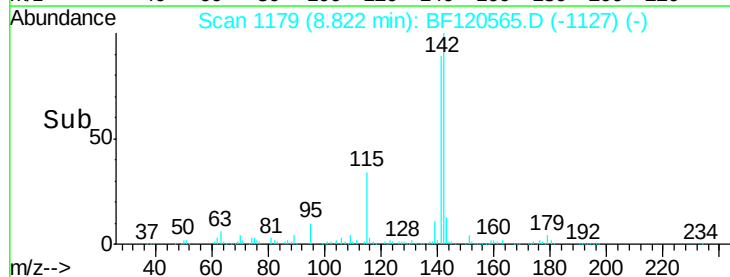
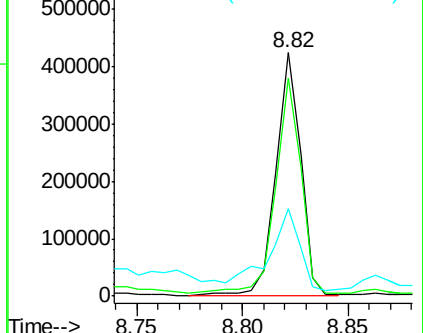
115 35.9 26.5 39.7

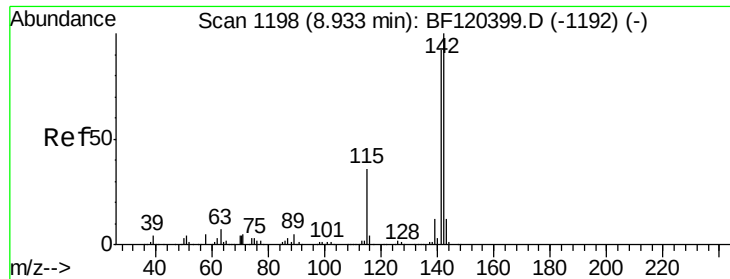


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

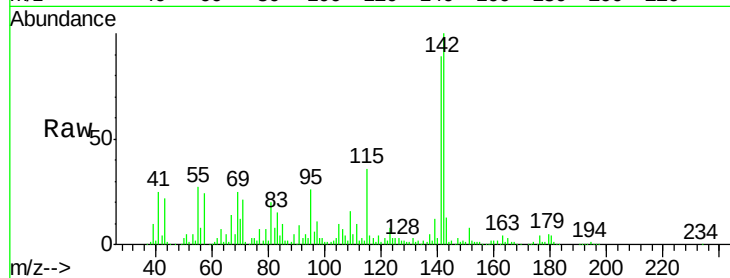




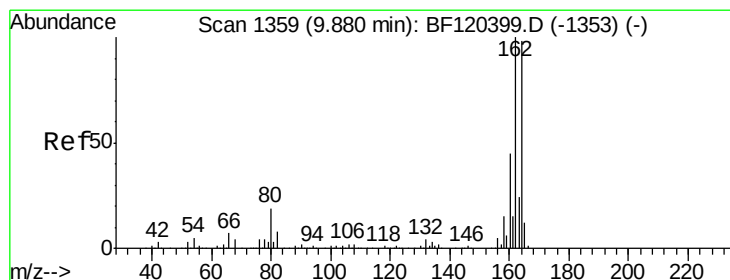
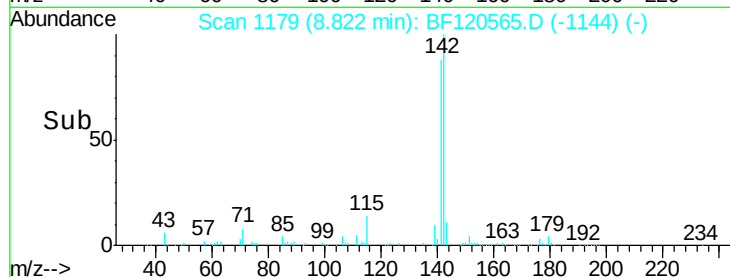
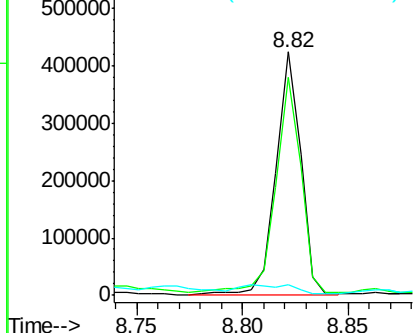
#38
1-Methylnaphthalene
Concen: 17.542 ng
RT: 8.82 min Scan# 1179
Delta R.T. -0.09 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Instrument :
BNA_F
ClientSampled :
SP-2AMS

Tot Ion:142 Resp: 342644
Ion Ratio Lower Upper
142 100
141 89.4 74.1 111.1
116 4.3 3.0 4.4

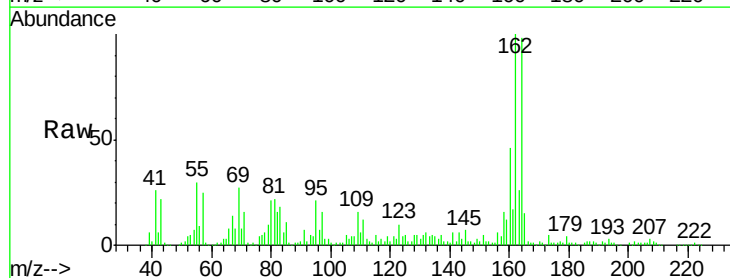


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

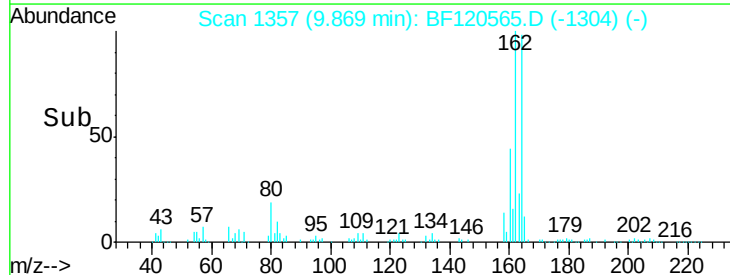
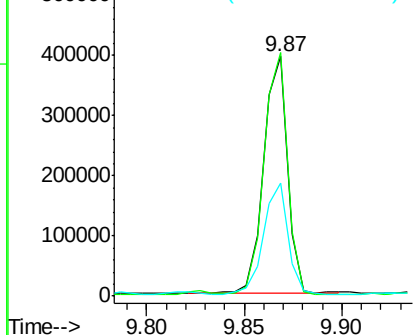


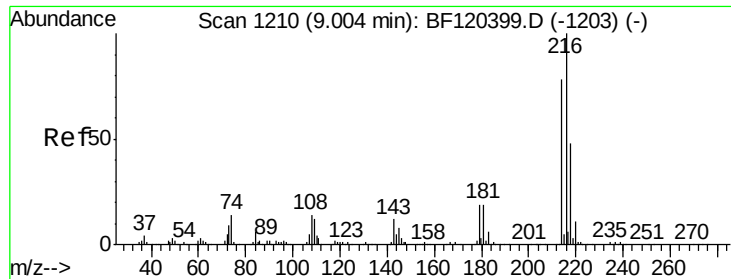
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Tgt Ion:164 Resp: 335129
Ion Ratio Lower Upper
164 100
162 101.7 80.3 120.5
160 47.0 36.6 54.8



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

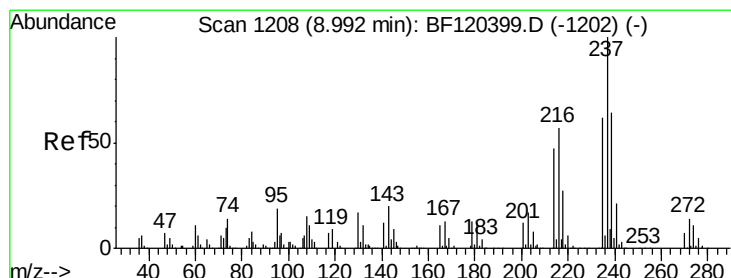
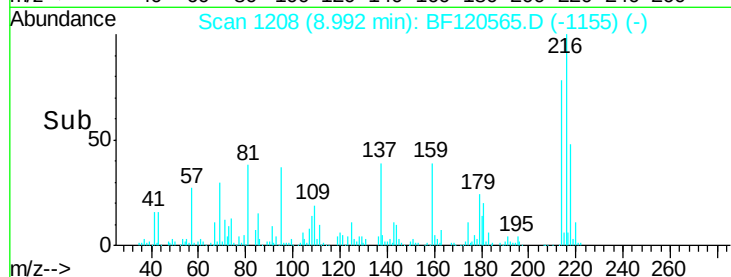
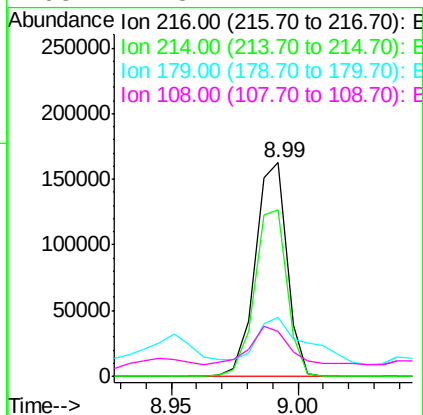
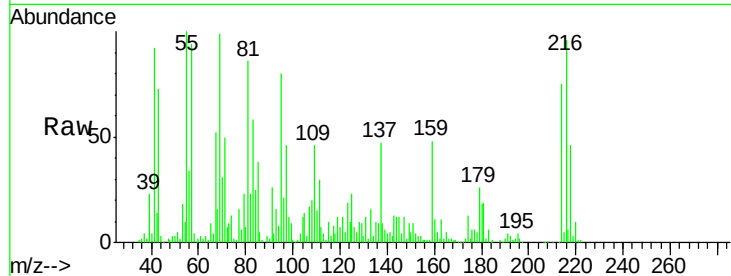




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 16.605 ng
 RT: 8.99 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF120565.D
 Acq: 5 Jun 2020 17:52

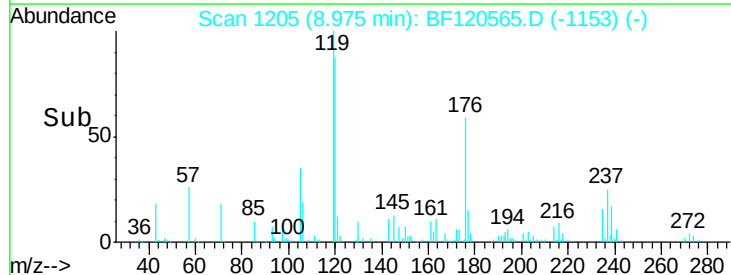
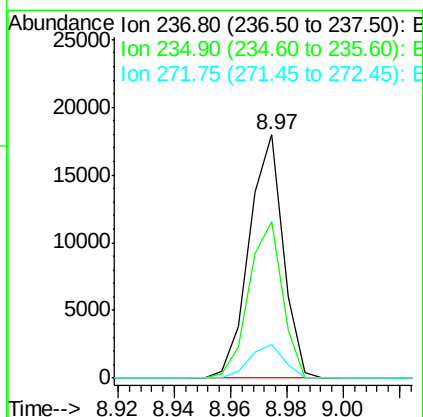
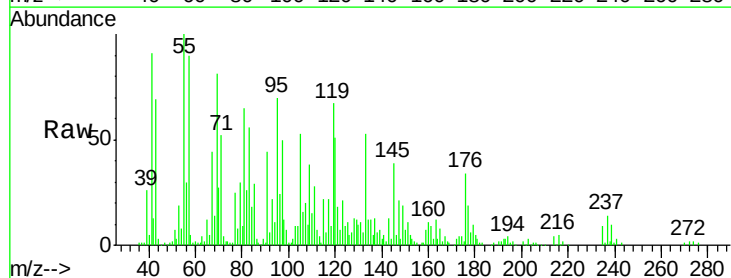
Instrument :
 BNA_F
 ClientSampled :
 SP-2AMS

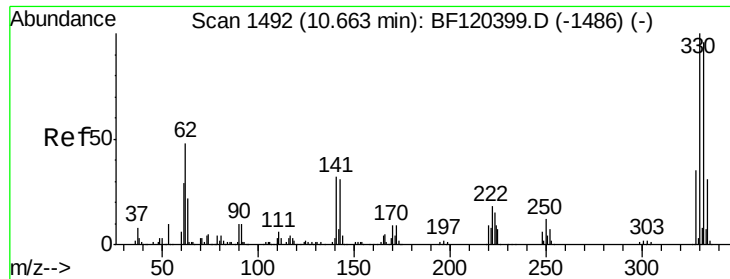
Tot Ion:216	Resp:	142710
Ion Ratio	Lower	Upper
216	100	
214	79.7	63.0 94.6
179	33.5	16.6 24.8#
108	21.8	14.2 21.2#



#41
 Hexachlorocyclopentadiene
 Concen: 3.127 ng
 RT: 8.97 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF120565.D
 Acq: 5 Jun 2020 17:52

Tgt Ion:237	Resp:	14997
Ion Ratio	Lower	Upper
237	100	
235	64.5	42.3 82.3
272	14.0	0.0 34.1





#42

2,4,6-Tribromophenol

Concen: 50.595 ng

RT: 10.65 min Scan# 1490

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

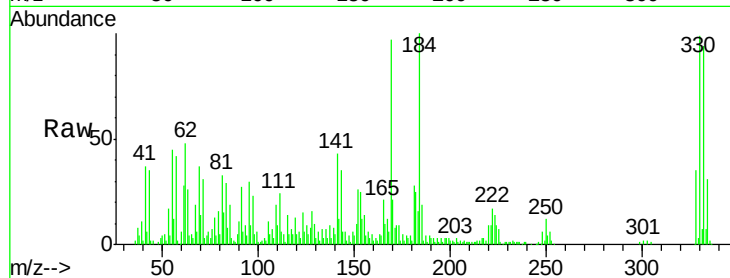
Tot Ion:330 Resp: 157105

Ion Ratio Lower Upper

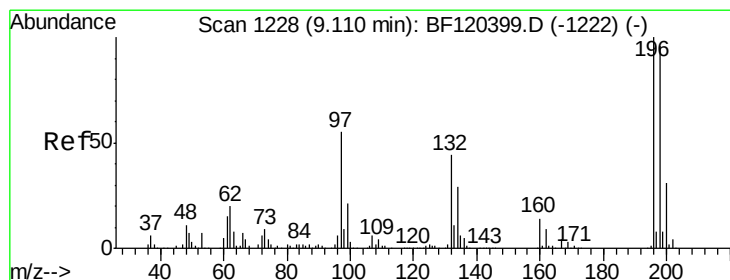
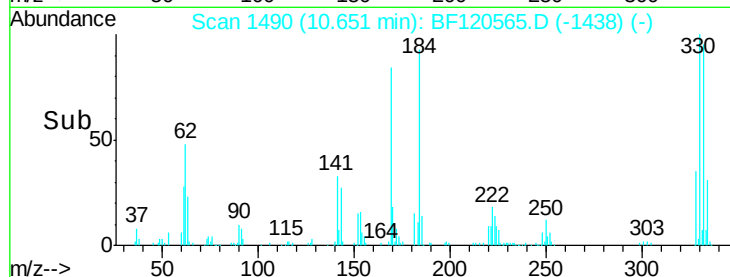
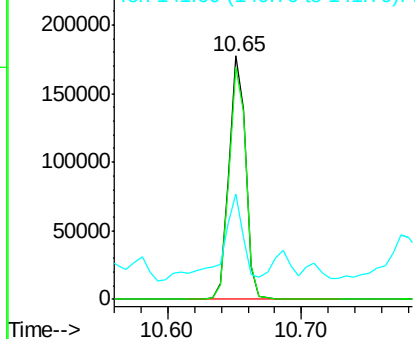
330 100

332 96.6 76.7 115.1

141 46.8 23.9 35.9#



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: 15.609 ng

RT: 9.10 min Scan# 1226

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

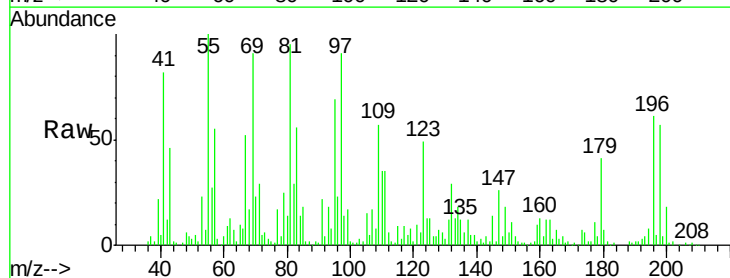
Tgt Ion:196 Resp: 97021

Ion Ratio Lower Upper

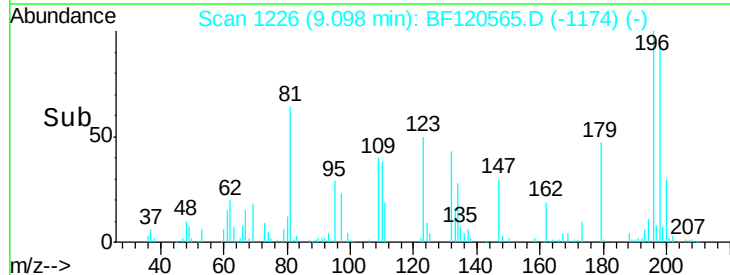
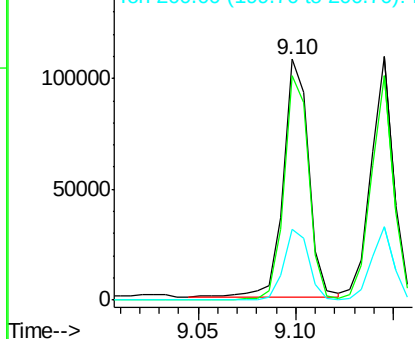
196 100

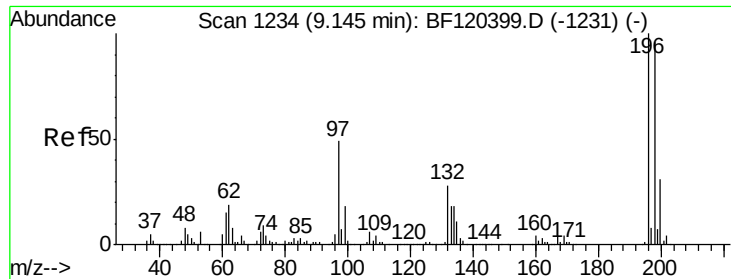
198 93.1 76.4 114.6

200 29.7 24.6 36.8



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





#44

2,4,5-Trichlorophenol

Concen: 12.601 ng

RT: 9.15 min Scan# 1234

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

Tot Ion:196 Resp: 88782

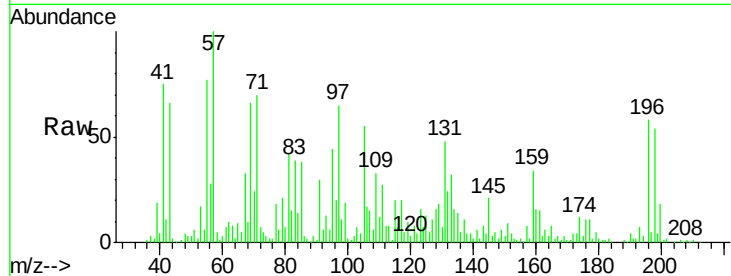
Ion Ratio Lower Upper

196 100

198 92.4 77.0 115.4

97 110.4 38.5 57.7#

132 41.6 21.8 32.6#

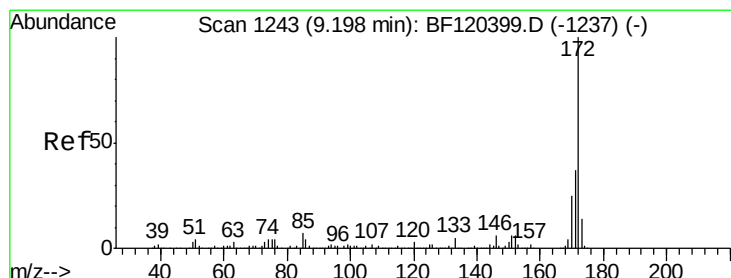
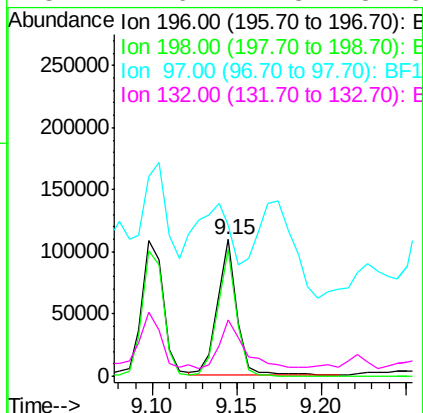
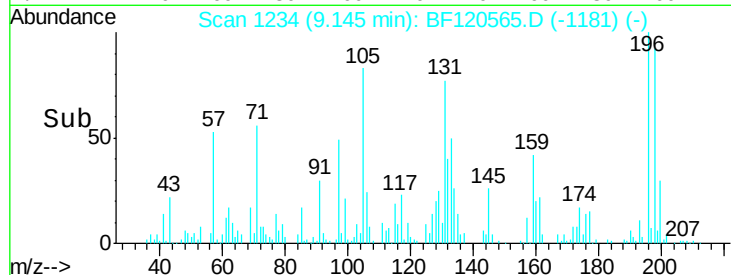


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 37.008 ng

RT: 9.18 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

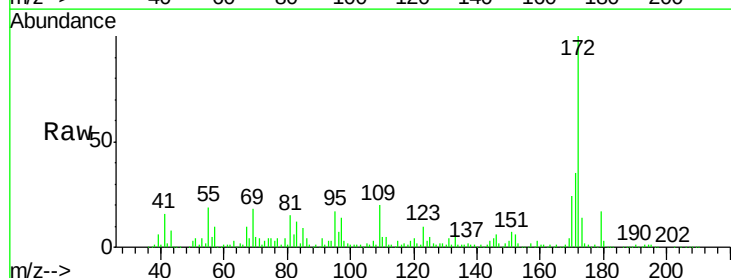
Tgt Ion:172 Resp: 730972

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

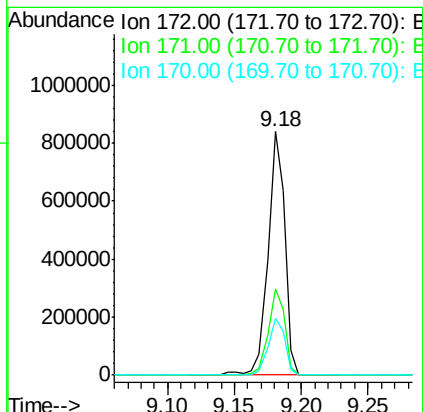
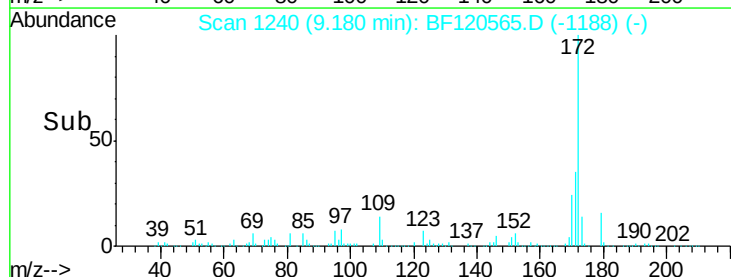
170 23.5 19.0 28.6

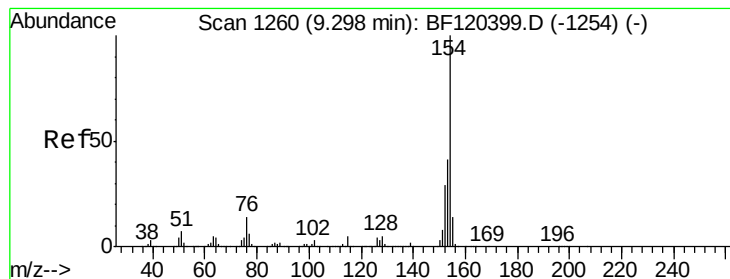


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 16.858 ng

RT: 9.29 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

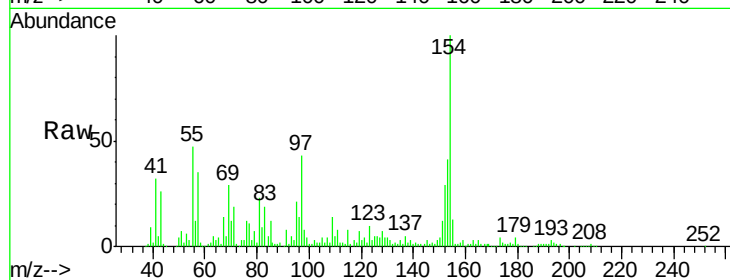
Tot Ion:154 Resp: 371133

Ion Ratio Lower Upper

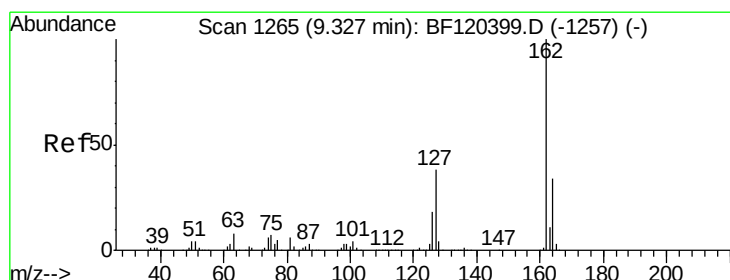
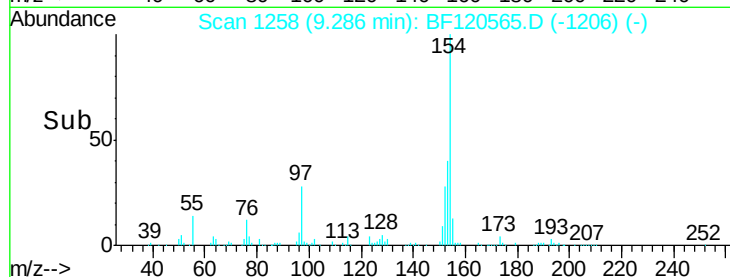
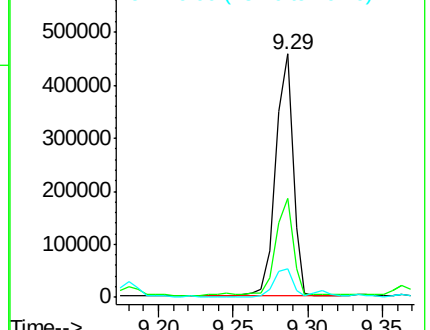
154 100

153 40.7 19.9 59.9

76 11.9 0.0 30.4



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: 14.841 ng

RT: 9.31 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

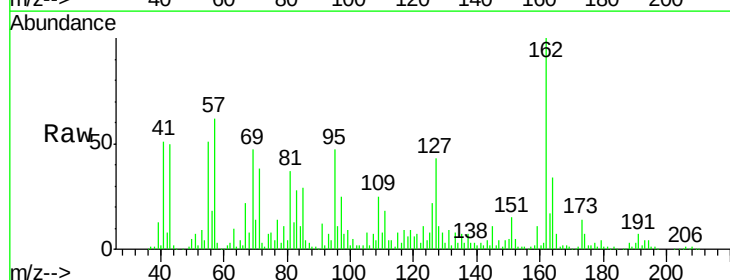
Tgt Ion:162 Resp: 269036

Ion Ratio Lower Upper

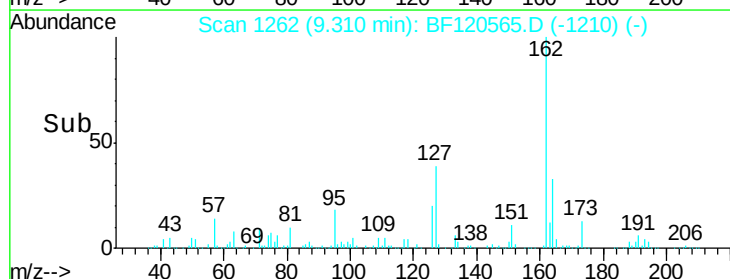
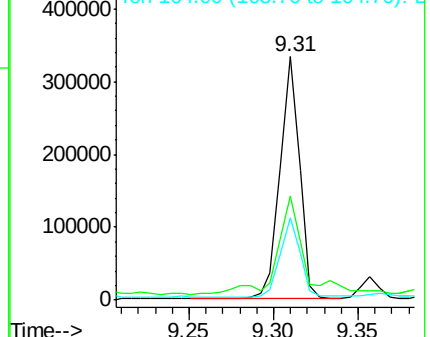
162 100

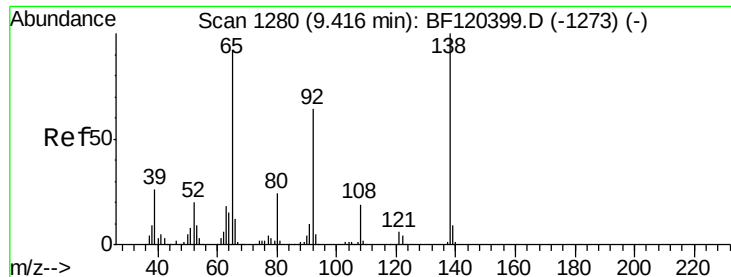
127 42.6 31.8 47.8

164 34.0 26.1 39.1



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

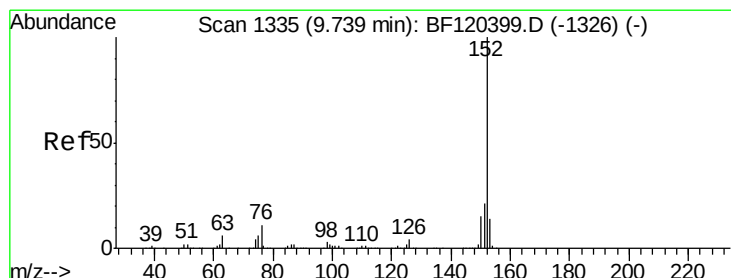
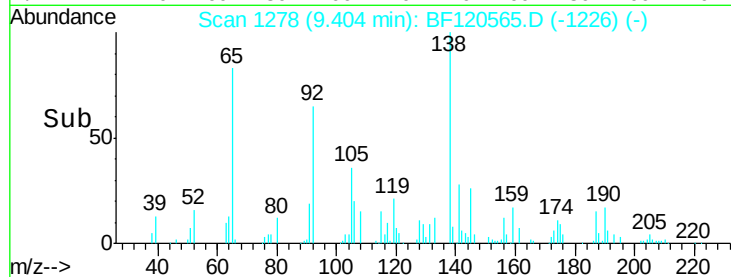
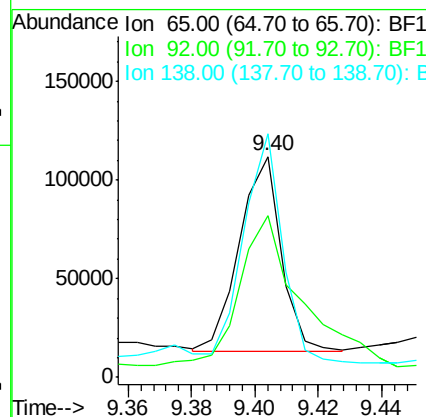
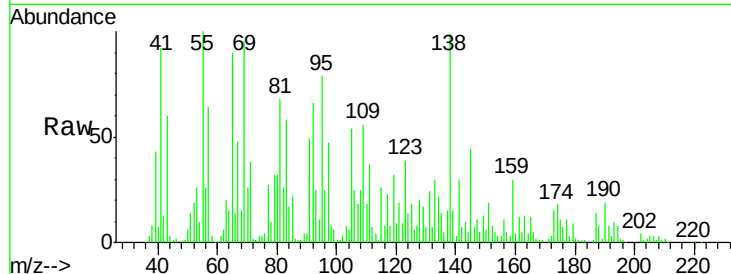




#48
2-Nitroaniline
Concen: 16.524 ng
RT: 9.40 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

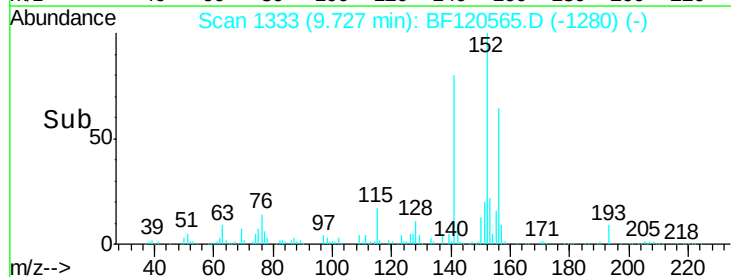
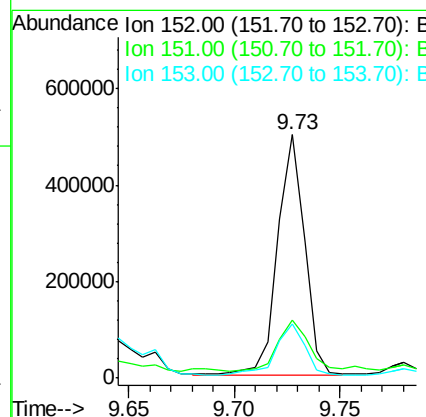
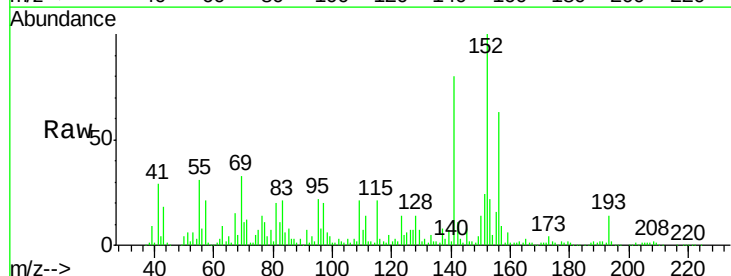
Instrument :
BNA_F
ClientSampleId :
SP-2AMS

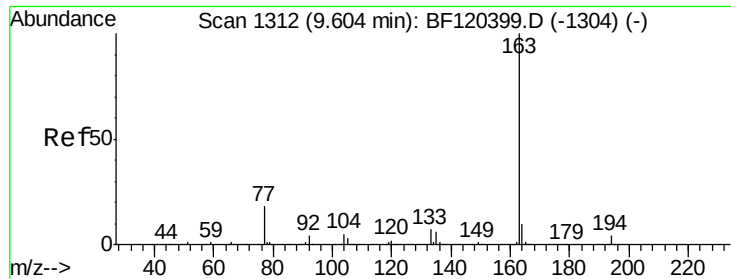
Tot Ion: 65 Resp: 91240
Ion Ratio Lower Upper
65 100
92 73.1 56.8 85.2
138 110.1 93.3 139.9



#49
Acenaphthylene
Concen: 15.897 ng
RT: 9.73 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Tgt Ion: 152 Resp: 445326
Ion Ratio Lower Upper
152 100
151 23.7 16.4 24.6
153 22.4 11.0 16.6#

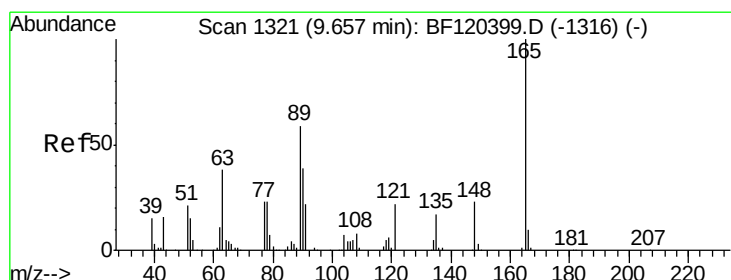
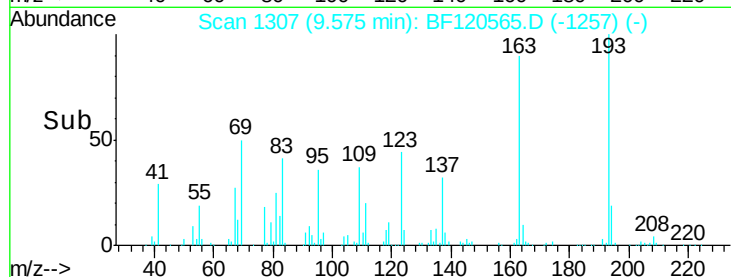
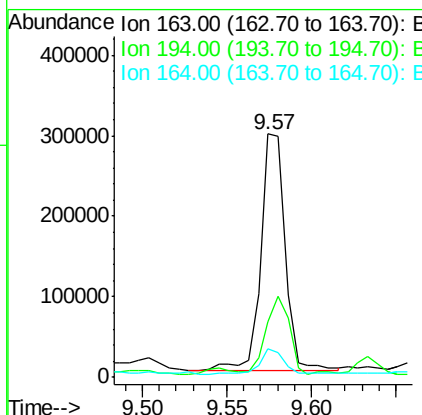
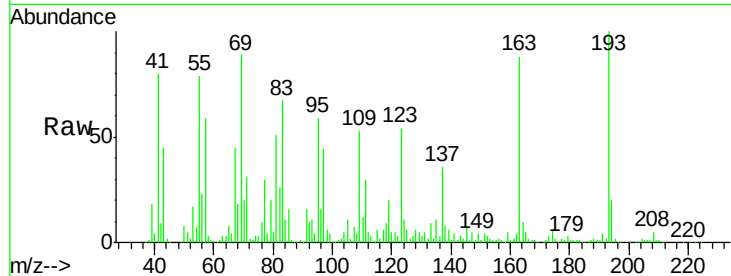




#50
Dimethylphthalate
Concen: 14.230 ng
RT: 9.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

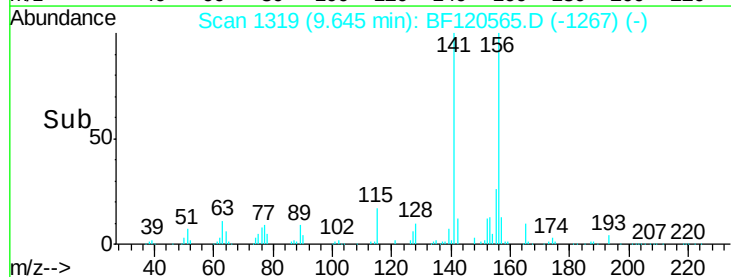
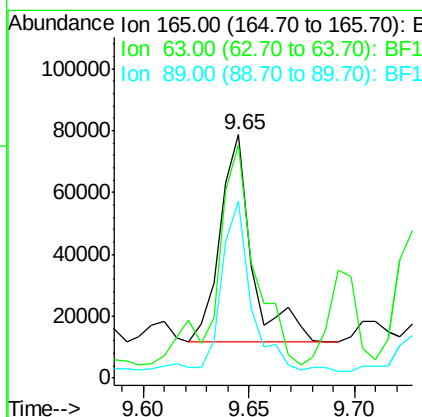
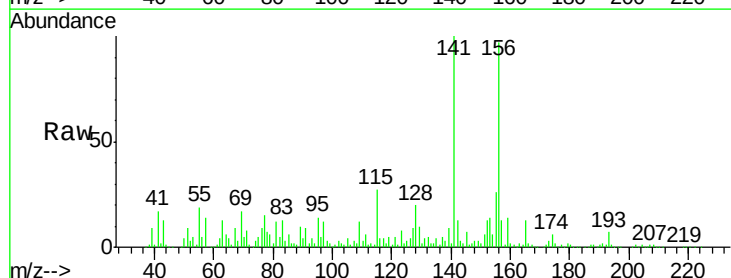
Instrument :
BNA_F
ClientSampleId :
SP-2AMS

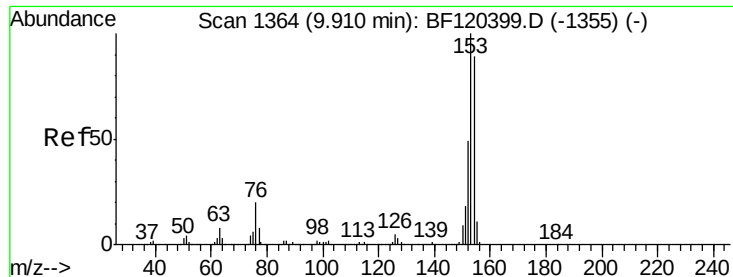
Tot Ion:163 Resp: 298134
Ion Ratio Lower Upper
163 100
194 22.8 3.3 4.9#
164 11.5 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 15.043 ng
RT: 9.65 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Tgt Ion:165 Resp: 70043
Ion Ratio Lower Upper
165 100
63 95.8 40.1 60.1#
89 72.5 41.1 61.7#





#52

Acenaphthene

Concen: 18.371 ng

RT: 9.90 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

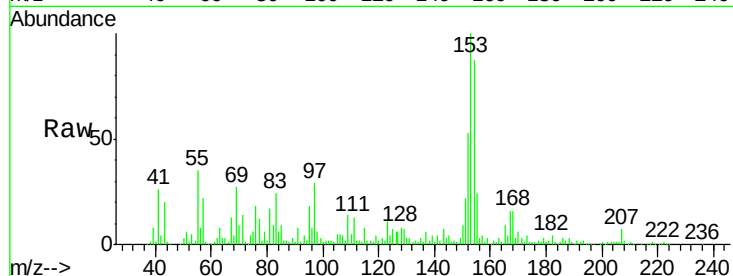
Tot Ion:154 Resp: 321187

Ion Ratio Lower Upper

154 100

153 115.4 90.1 135.1

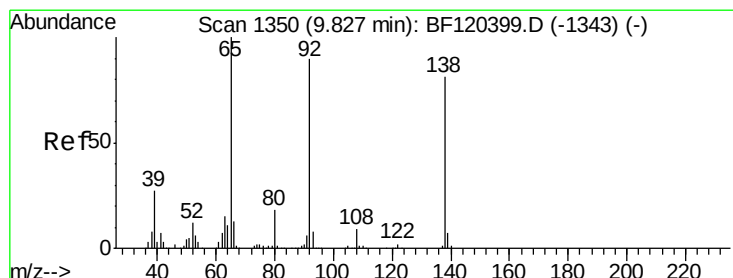
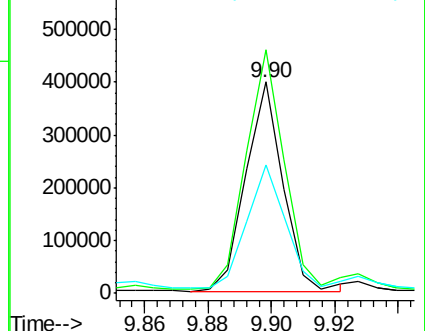
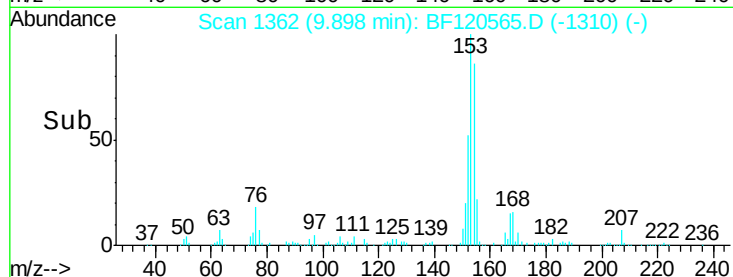
152 60.6 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 17.267 ng

RT: 9.81 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

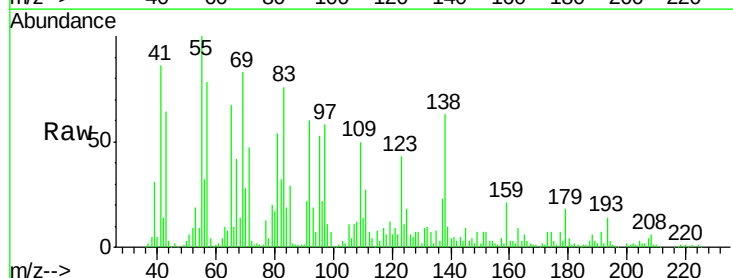
Tgt Ion:138 Resp: 94406

Ion Ratio Lower Upper

138 100

108 18.4 7.8 11.8#

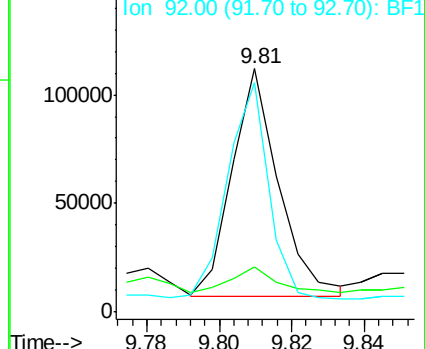
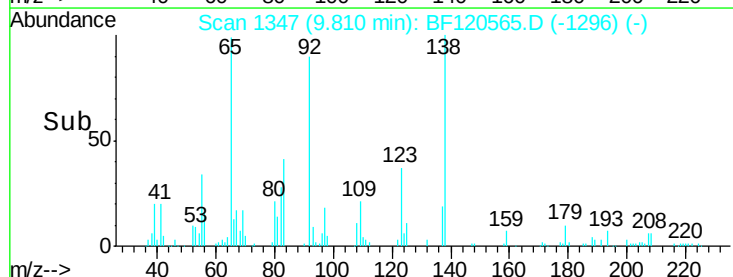
92 94.4 81.7 122.5

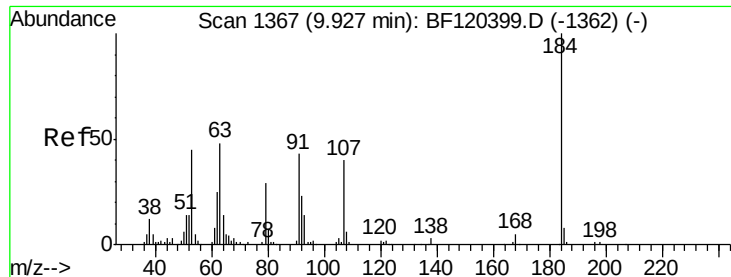


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

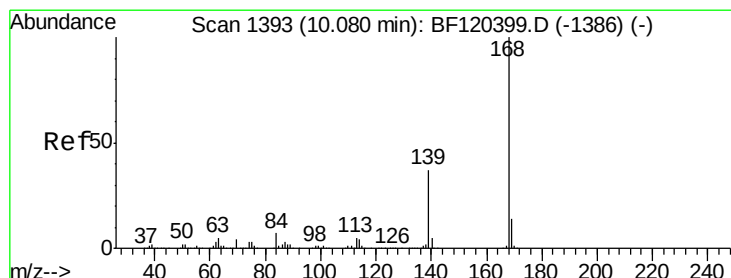
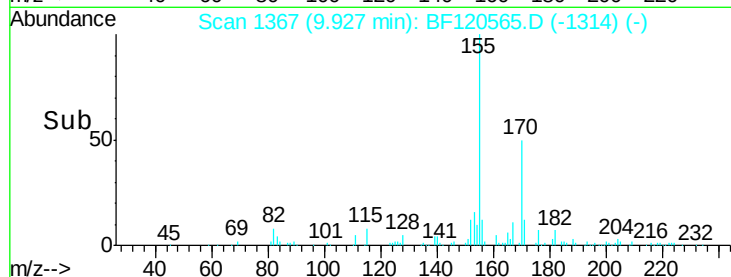
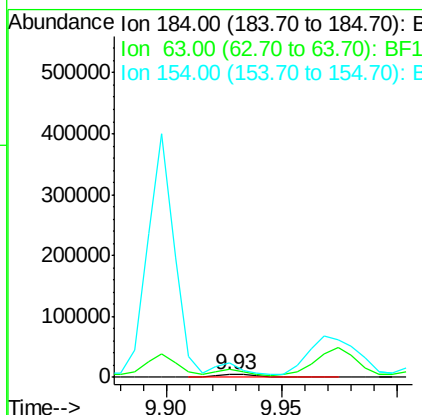
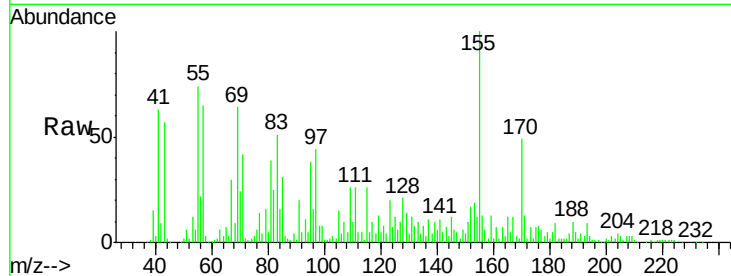




#54
 2,4-Dinitrophenol
 Concen: 9.646 ng
 RT: 9.93 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: BF120565.D
 Acq: 5 Jun 2020 17:52

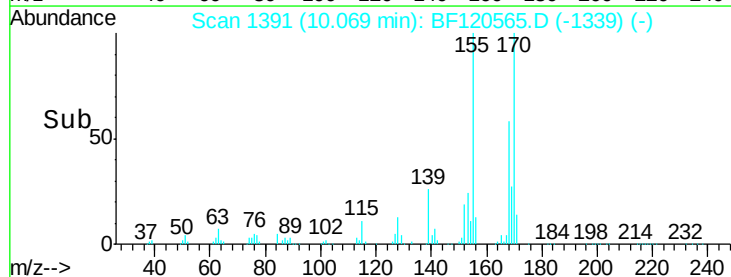
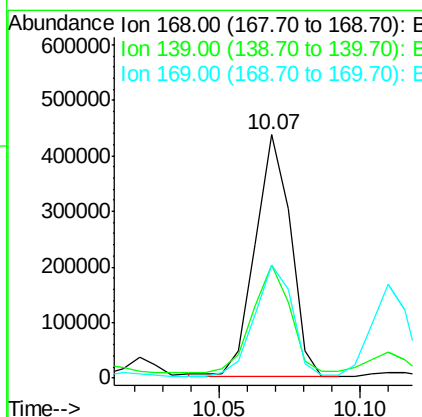
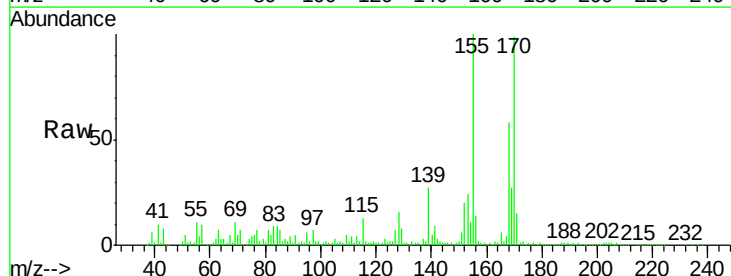
Instrument :
 BNA_F
 ClientSampled :
 SP-2AMS

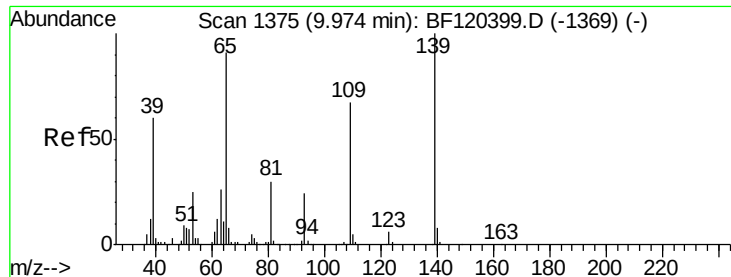
Tot Ion:184 Resp: 4215
 Ion Ratio Lower Upper
 184 100
 63 307.5 41.0 61.4#
 154 563.8 44.7 67.1#



#55
 Dibenzofuran
 Concen: 15.012 ng
 RT: 10.07 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF120565.D
 Acq: 5 Jun 2020 17:52

Tgt Ion:168 Resp: 381420
 Ion Ratio Lower Upper
 168 100
 139 46.4 28.3 42.5#
 169 46.4 10.6 16.0#

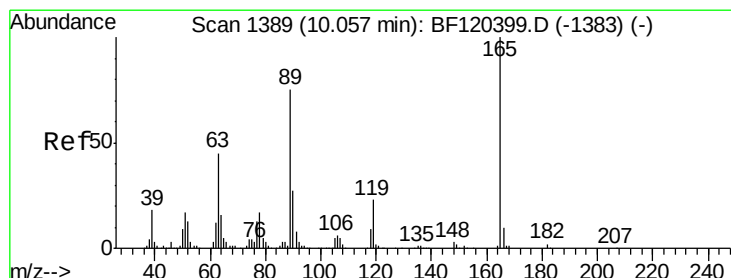
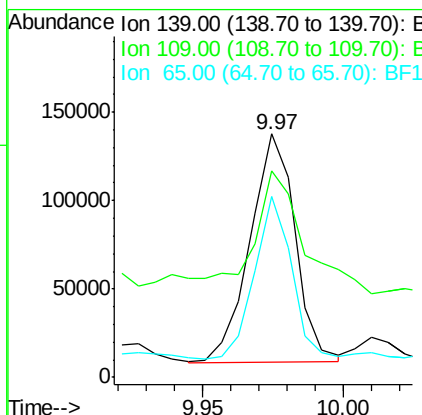
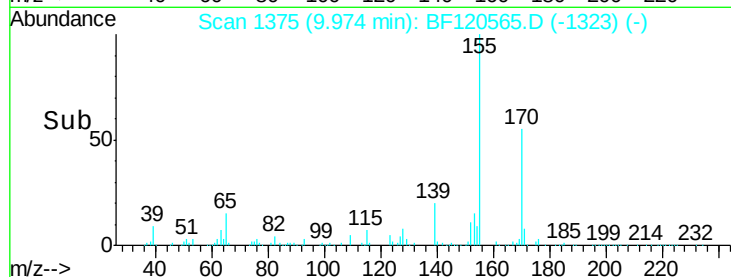
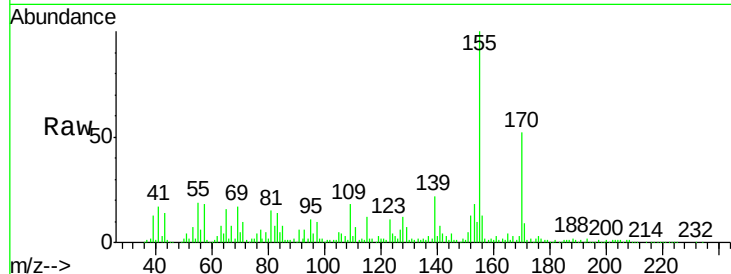




#56
4-Nitrophenol
Concen: 34.197 ng
RT: 9.97 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

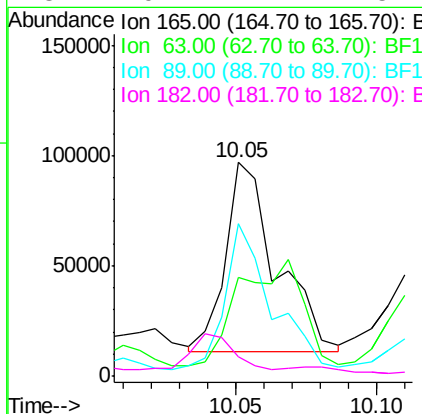
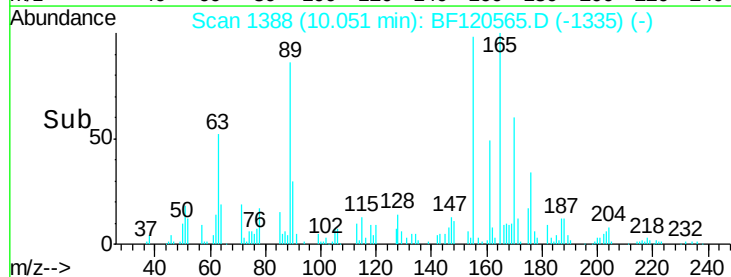
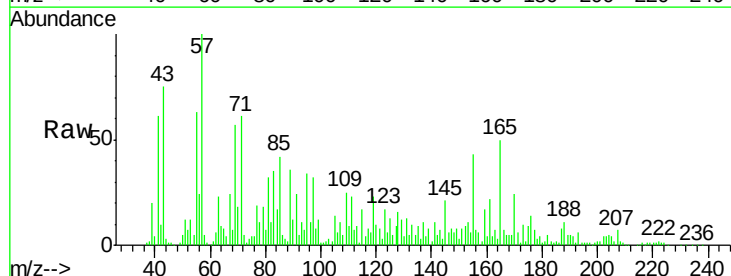
Instrument :
BNA_F
ClientSampleId :
SP-2AMS

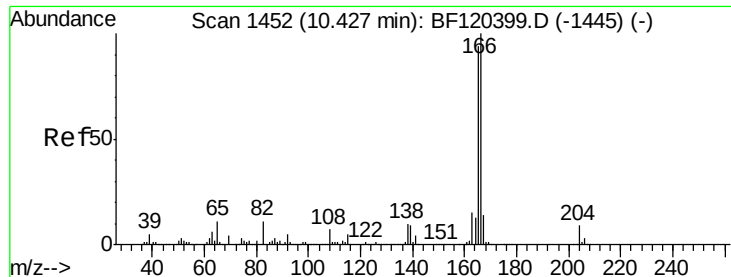
Tot Ion	Ratio	Lower	Upper
139	100		
109	84.6	46.6	86.6
65	74.2	69.5	109.5



#57
2,4-Dinitrotoluene
Concen: 18.181 ng
RT: 10.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.4	34.6	52.0
89	71.4	57.0	85.4
182	9.2	2.1	3.1#





#58

Fluorene

Concen: 22.417 ng

RT: 10.41 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampled :

SP-2AMS

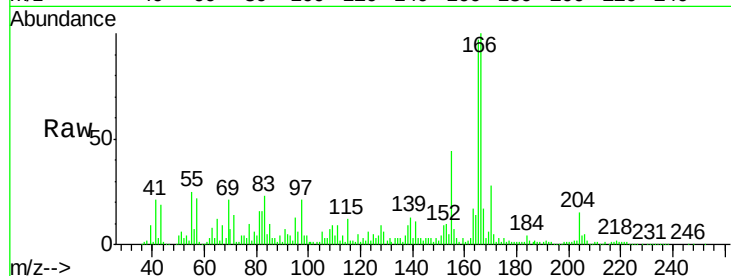
Tot Ion:166 Resp: 427413

Ion Ratio Lower Upper

166 100

165 97.0 75.6 113.4

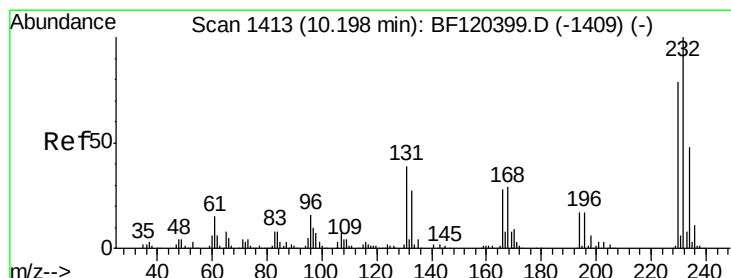
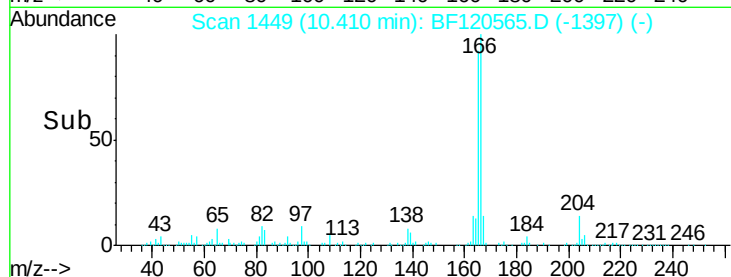
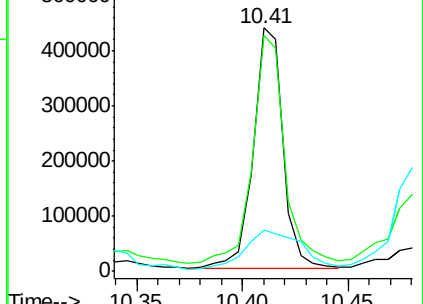
167 16.9 10.9 16.3#



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: 11.652 ng

RT: 10.19 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Tgt Ion:232 Resp: 63975

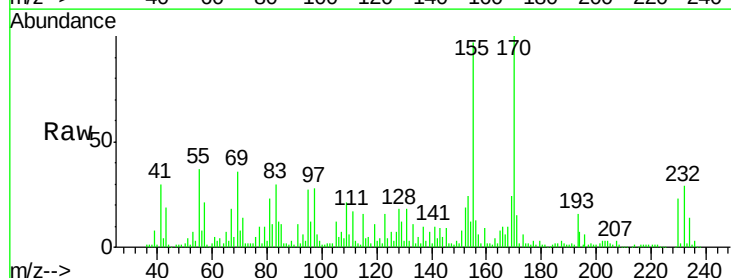
Ion Ratio Lower Upper

232 100

131 62.3 32.9 49.3#

130 25.8 1.7 2.5#

166 50.1 23.0 34.6#

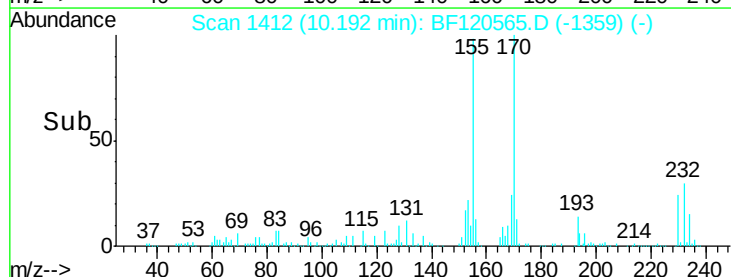
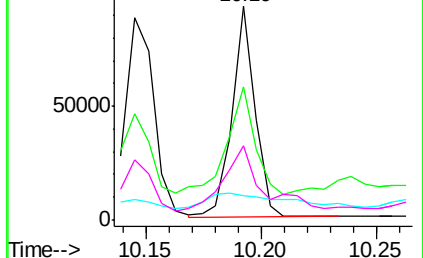


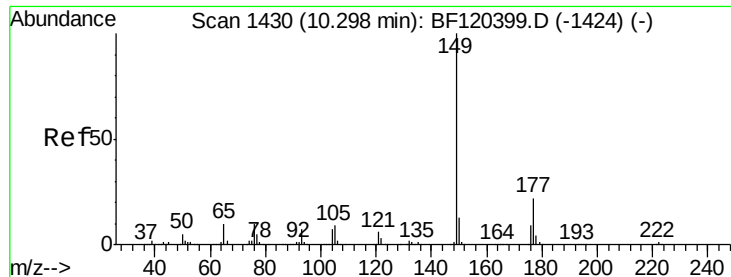
Abundance Ion 232.00 (231.70 to 232.70): E

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: 15.493 ng

RT: 10.28 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleID :

SP-2AMS

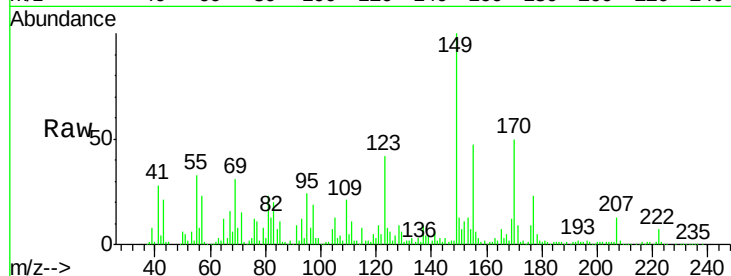
Tot Ion:149 Resp: 328026

Ion Ratio Lower Upper

149 100

177 22.5 17.3 25.9

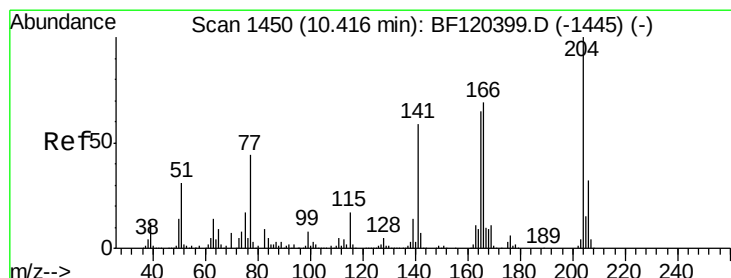
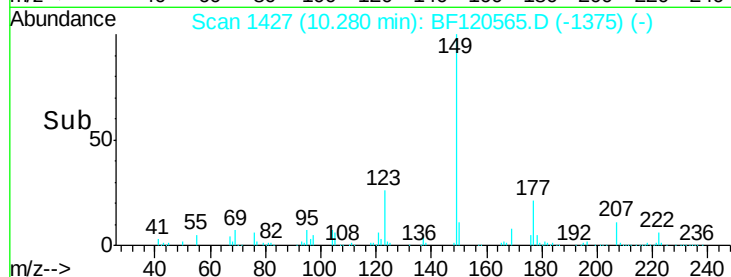
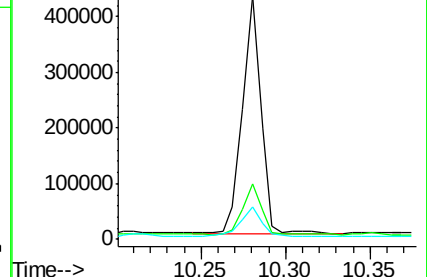
150 13.3 10.2 15.2



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: 14.360 ng

RT: 10.40 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

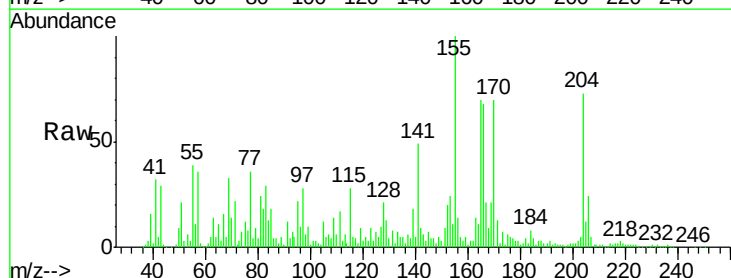
Tgt Ion:204 Resp: 148440

Ion Ratio Lower Upper

204 100

206 33.6 26.8 40.2

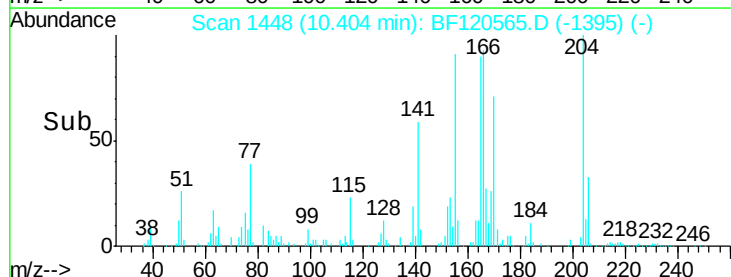
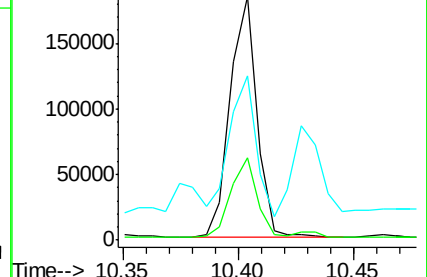
141 67.3 49.5 74.3

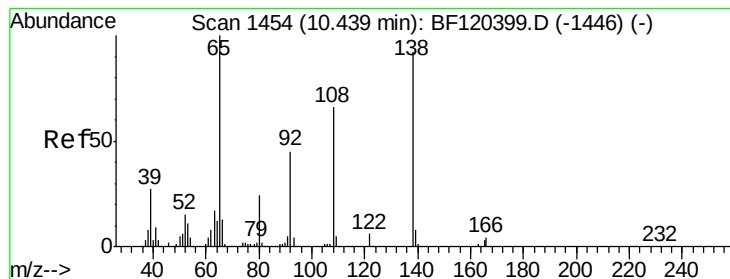


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 13.166 ng

RT: 10.42 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

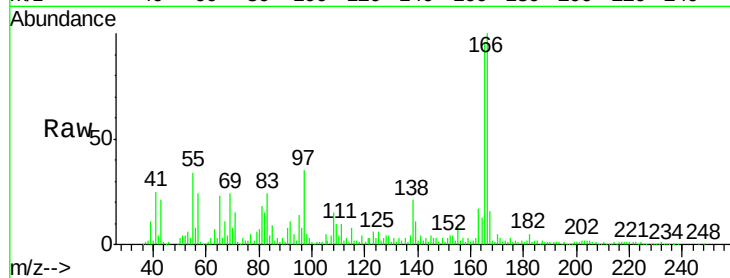
Tot Ion:138 Resp: 67960

Ion Ratio Lower Upper

138 100

92 52.5 24.4 64.4

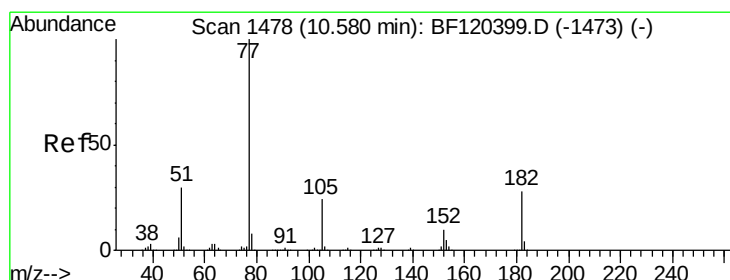
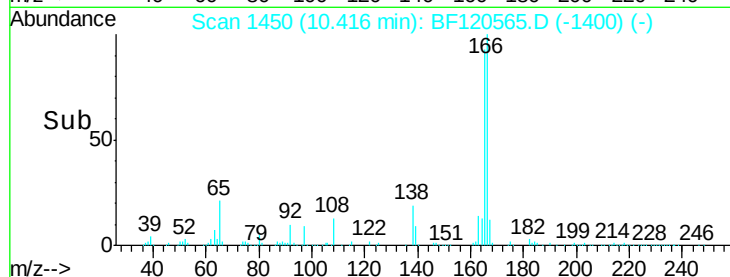
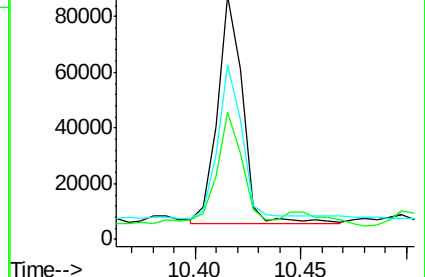
108 71.6 46.0 86.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 14.963 ng

RT: 10.56 min Scan# 1475

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Tgt Ion: 77 Resp: 297988

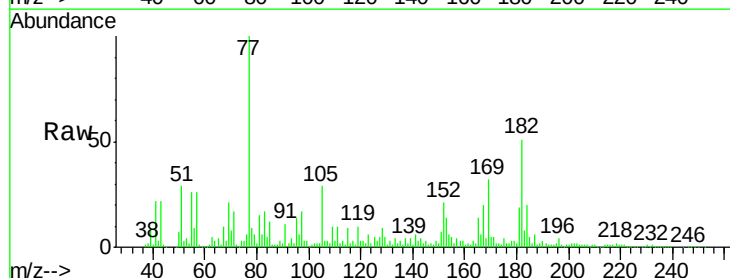
Ion Ratio Lower Upper

77 100

182 51.3 7.8 47.8#

105 28.9 3.2 43.2

51 29.0 8.9 48.9

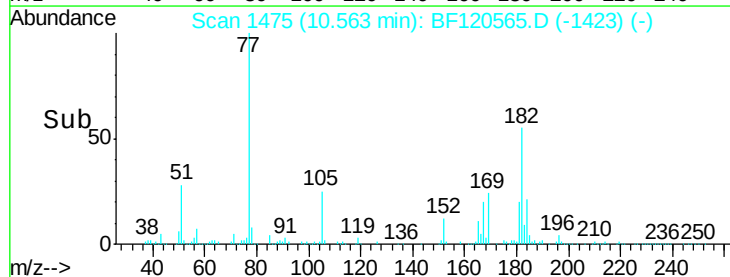
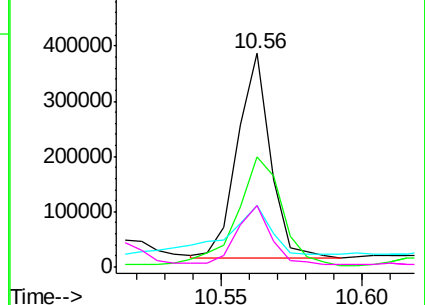


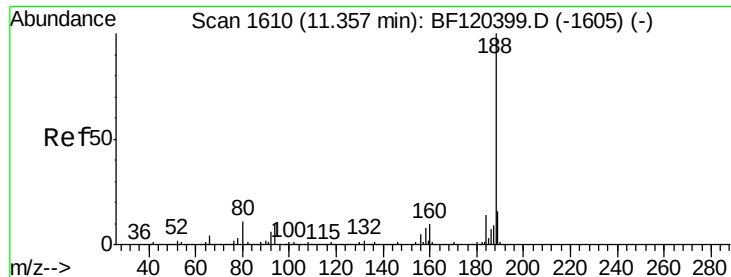
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

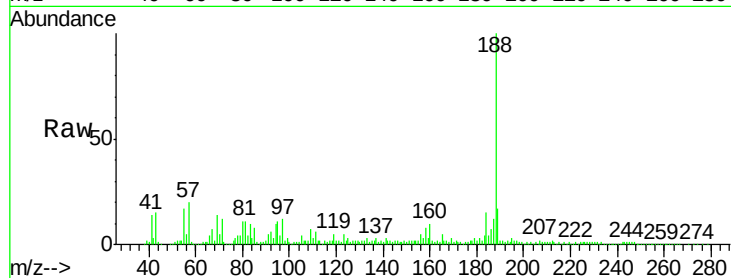




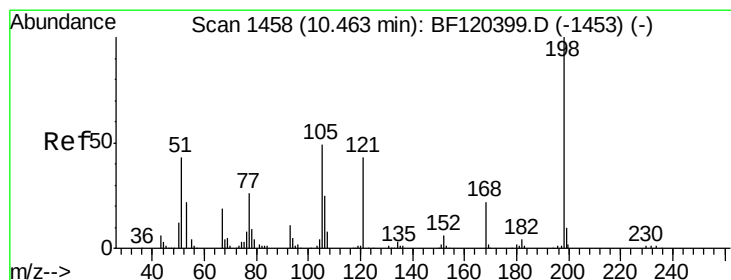
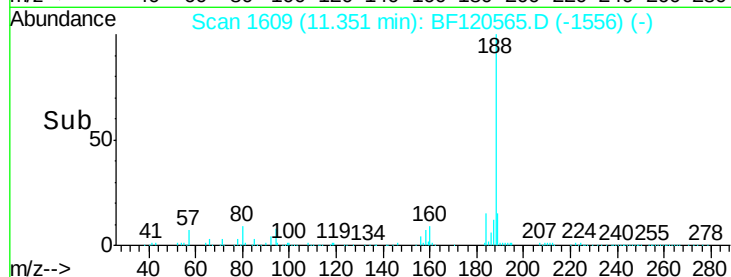
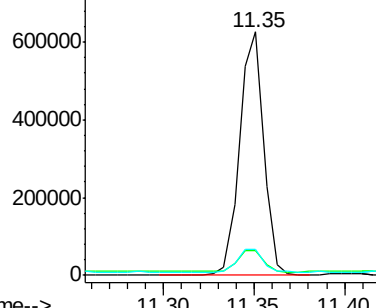
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1609
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Instrument :
BNA_F
ClientSampleId :
SP-2AMS

Tot Ion:188 Resp: 568903
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 10.5 7.4 11.0

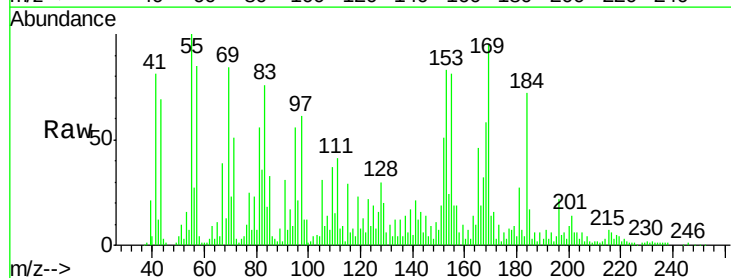


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

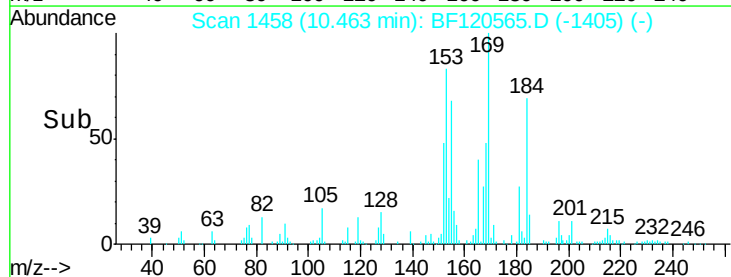
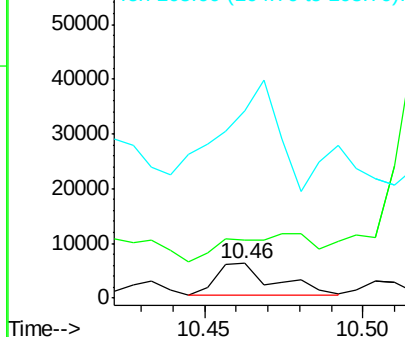


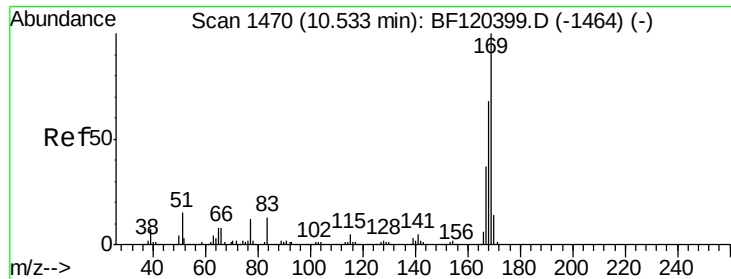
#65
4,6-Dinitro-2-methylphenol
Concen: 3.481 ng
RT: 10.46 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Tgt Ion:198 Resp: 7223
Ion Ratio Lower Upper
198 100
51 169.3 21.5 61.5#
105 543.7 21.3 61.3#



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: 40.161 ng

RT: 10.52 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

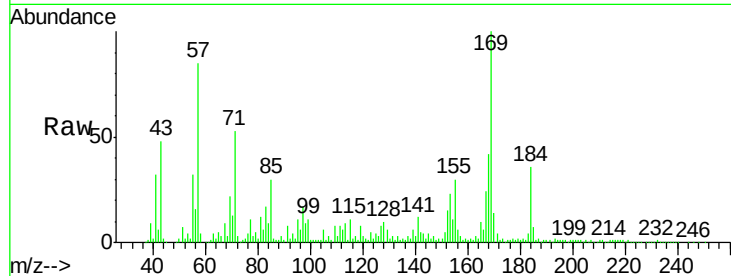
Tot Ion:169 Resp: 634662

Ion Ratio Lower Upper

169 100

168 42.5 53.3 79.9#

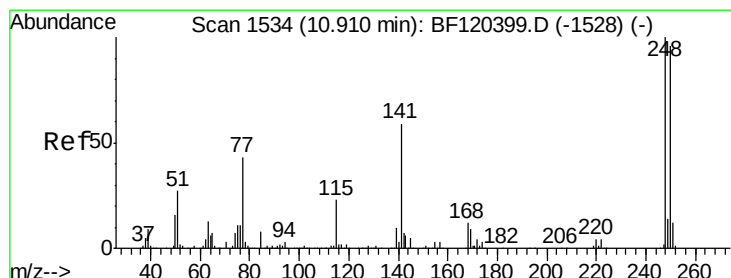
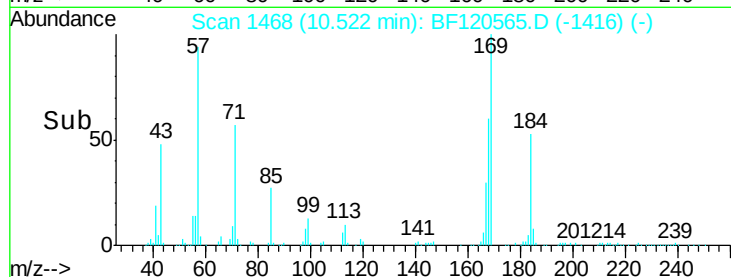
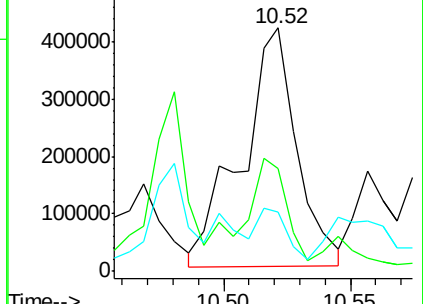
167 24.5 29.0 43.4#



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: 15.243 ng

RT: 10.89 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

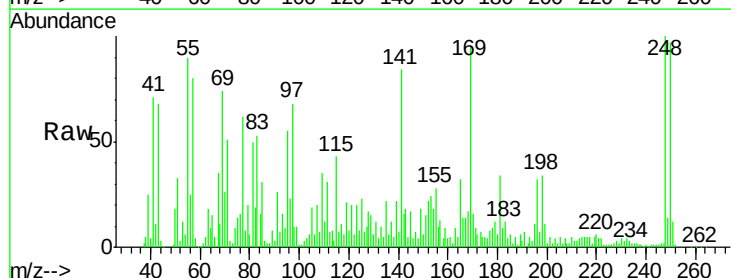
Tgt Ion:248 Resp: 87537

Ion Ratio Lower Upper

248 100

250 97.2 77.8 116.8

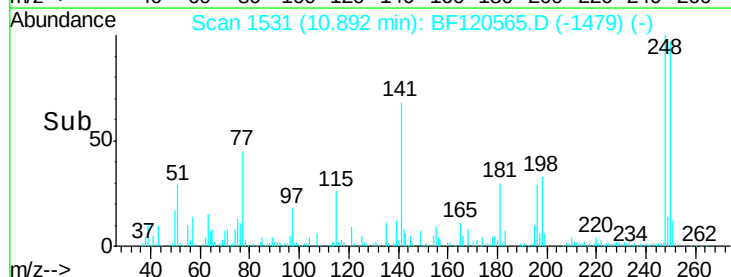
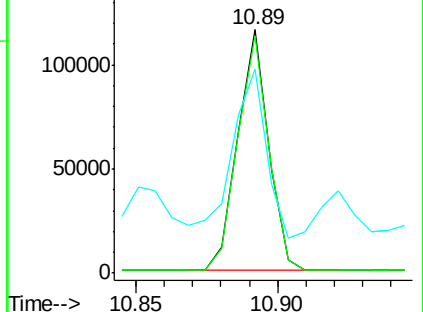
141 83.7 50.6 75.8#

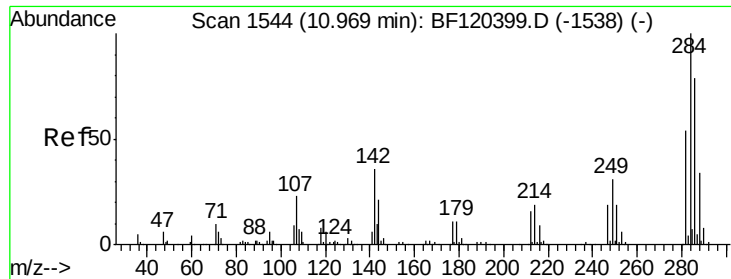


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 14.849 ng

RT: 10.97 min Scan# 1544

Delta R.T. 0.02 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

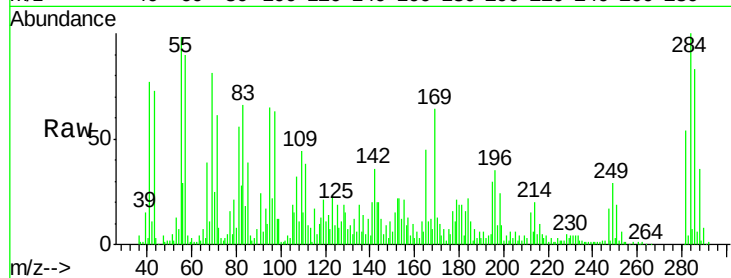
Tot Ion:284 Resp: 90813

Ion Ratio Lower Upper

284 100

142 35.6 24.6 36.8

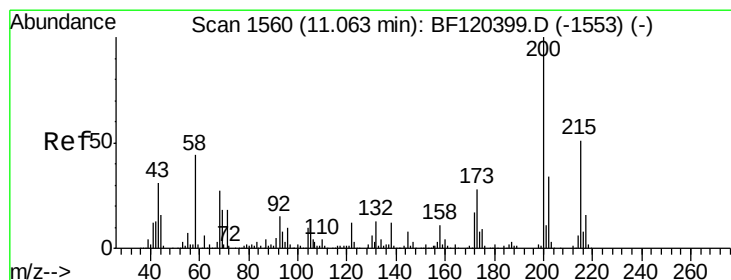
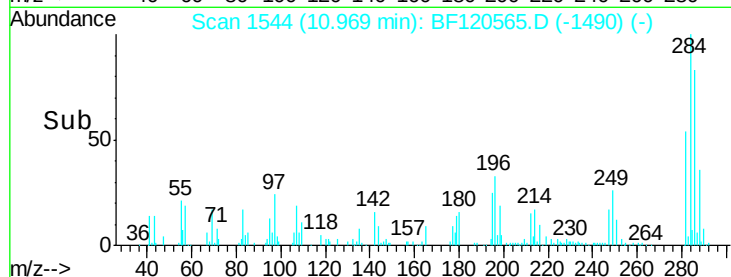
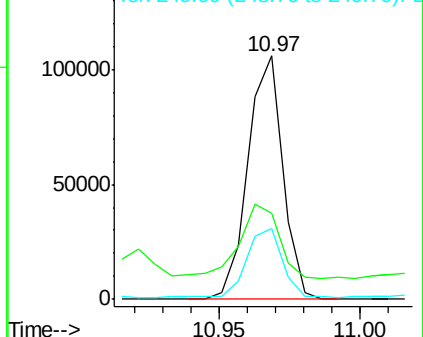
249 29.2 23.5 35.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 18.430 ng

RT: 11.05 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

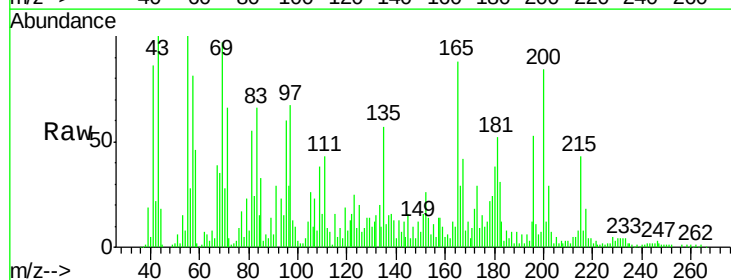
Tgt Ion:200 Resp: 82091

Ion Ratio Lower Upper

200 100

173 35.0 8.1 48.1

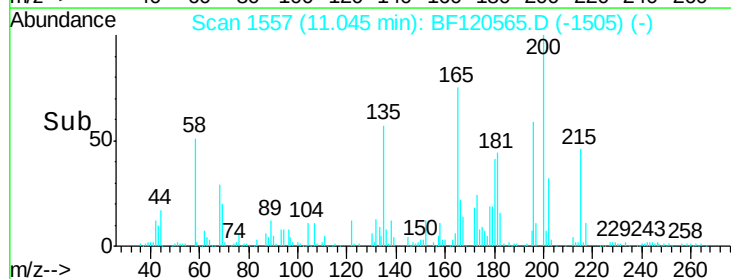
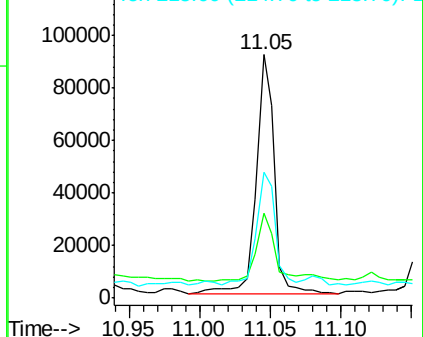
215 51.6 28.9 68.9

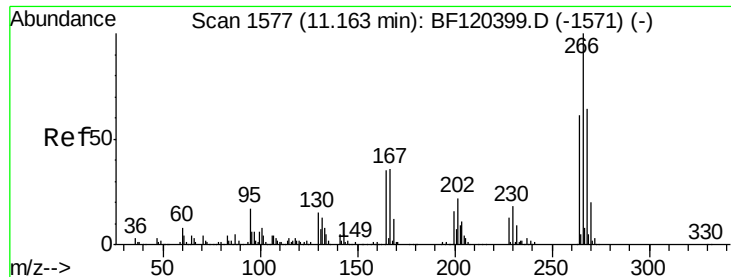


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

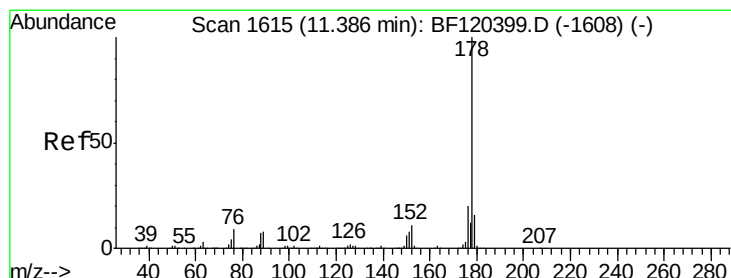
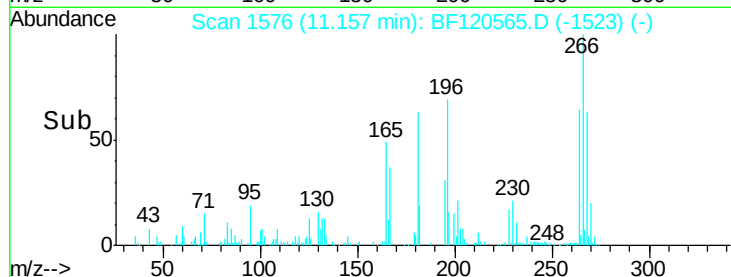
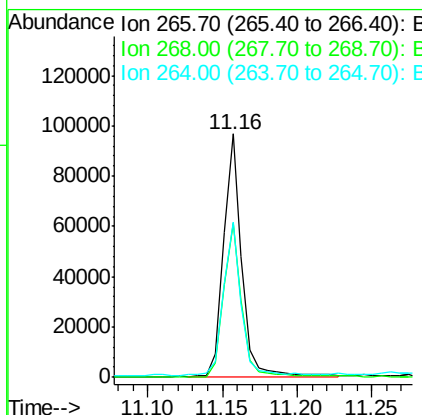
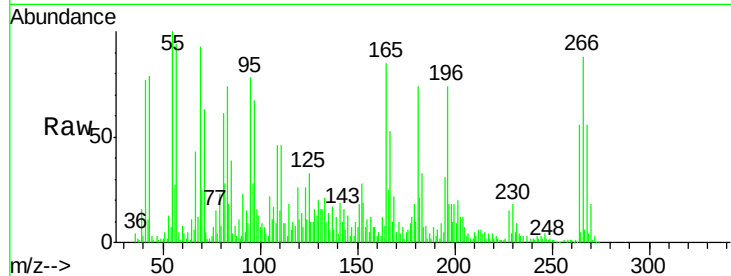




#70
 Pentachlorophenol
 Concen: 22.183 ng
 RT: 11.16 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BF120565.D
 Acq: 5 Jun 2020 17:52

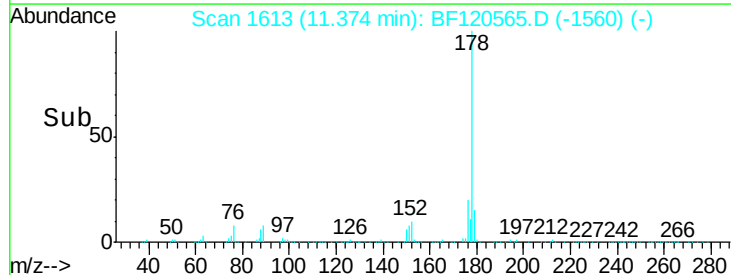
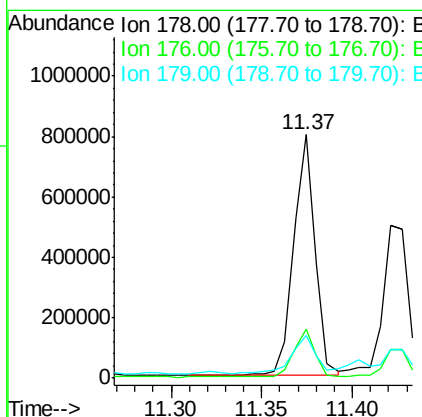
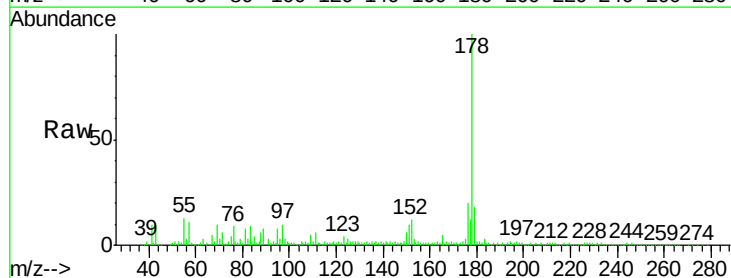
Instrument :
 BNA_F
 ClientSampleId :
 SP-2AMS

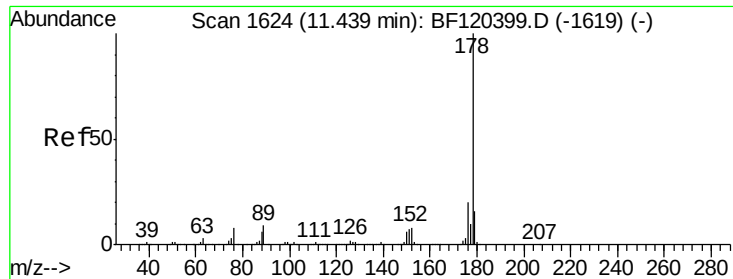
Tot Ion:266 Resp: 82944
 Ion Ratio Lower Upper
 266 100
 268 63.3 50.4 75.6
 264 63.5 51.4 77.0



#71
 Phenanthrene
 Concen: 26.663 ng
 RT: 11.37 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF120565.D
 Acq: 5 Jun 2020 17:52

Tgt Ion:178 Resp: 668377
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.7 23.5
 179 17.7 12.5 18.7





#72

Anthracene

Concen: 18.935 ng

RT: 11.42 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

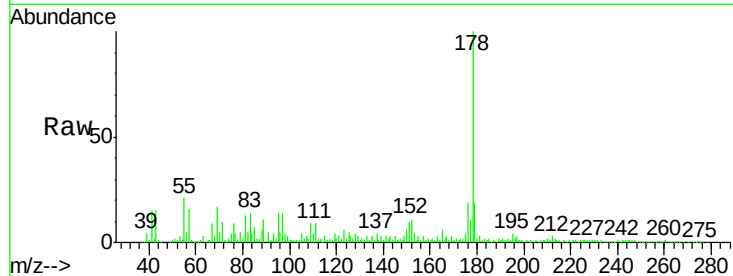
Tot Ion:178 Resp: 476237

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

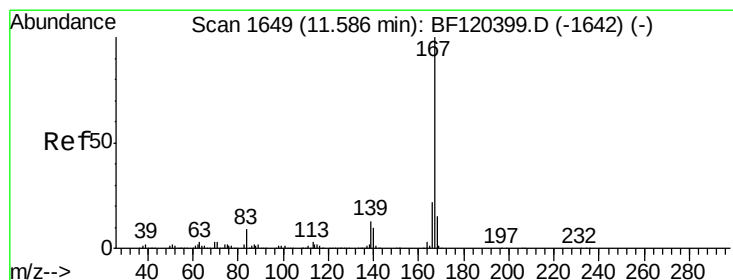
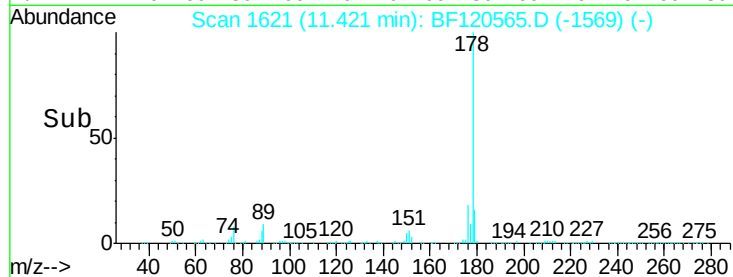
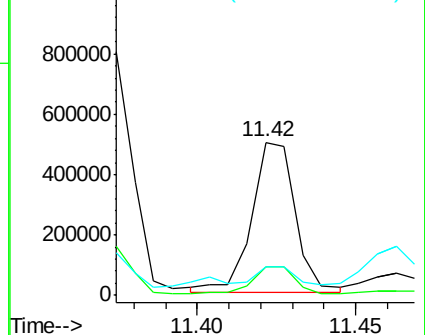
179 19.0 12.6 19.0



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: 14.886 ng

RT: 11.58 min Scan# 1648

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

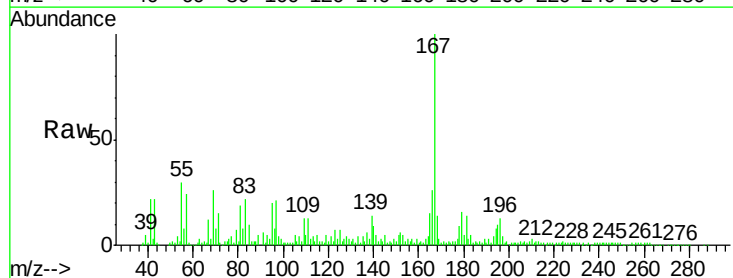
Tgt Ion:167 Resp: 362123

Ion Ratio Lower Upper

167 100

166 26.0 17.7 26.5

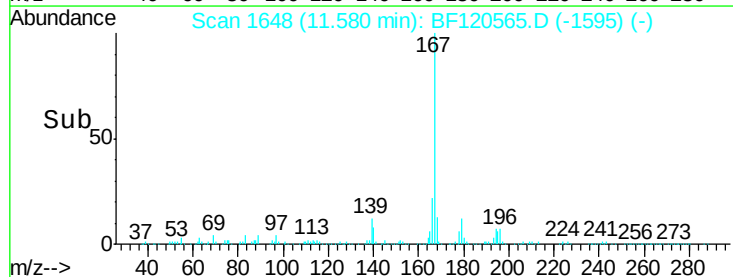
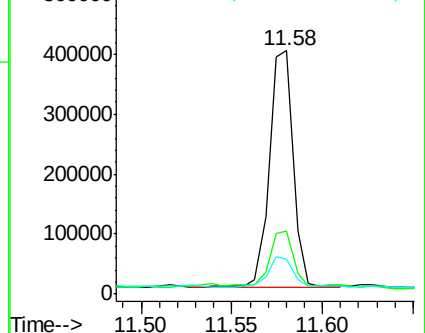
139 14.5 10.2 15.4

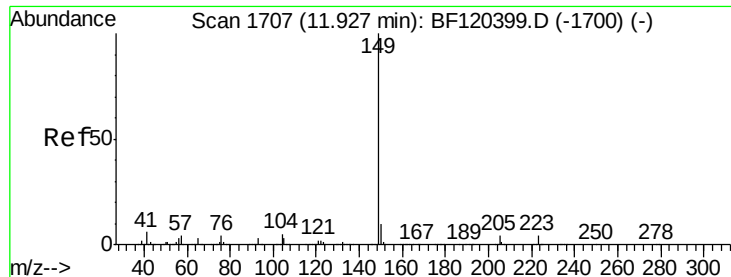


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 21.816 ng

RT: 11.91 min Scan# 1704

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

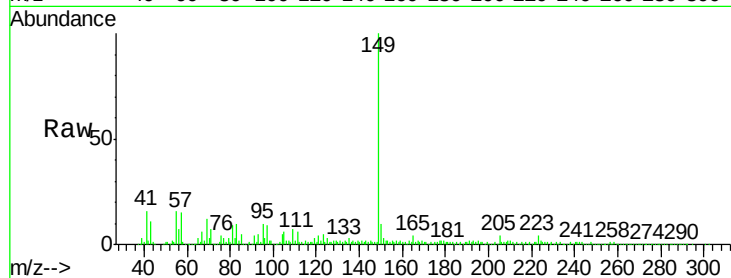
Tot Ion:149 Resp: 617360

Ion Ratio Lower Upper

149 100

150 10.0 7.4 11.2

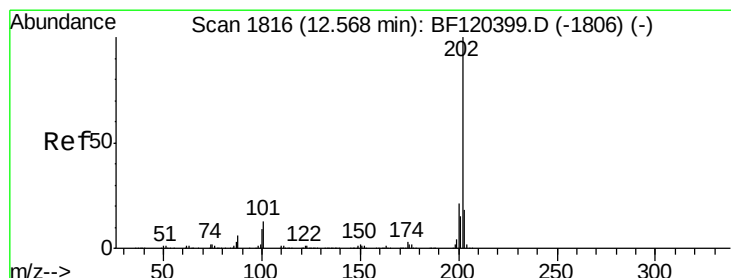
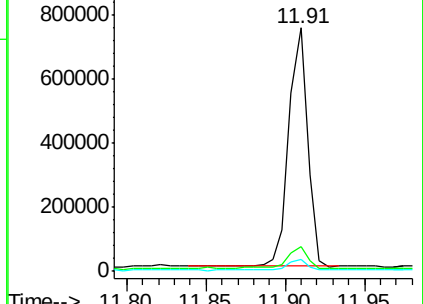
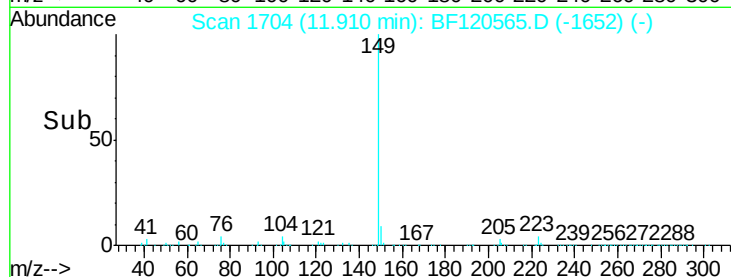
104 4.7 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 16.158 ng

RT: 12.56 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

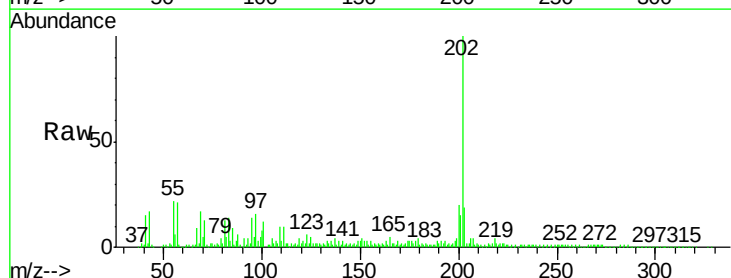
Tgt Ion:202 Resp: 435833

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.2

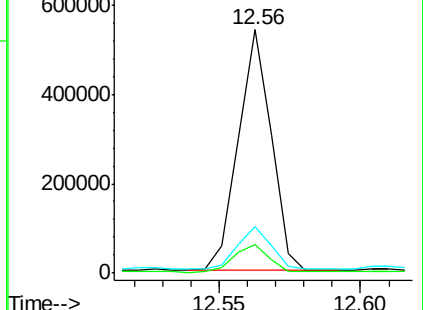
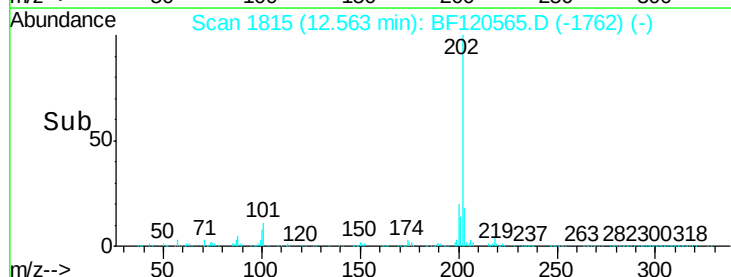
203 19.3 0.0 38.4

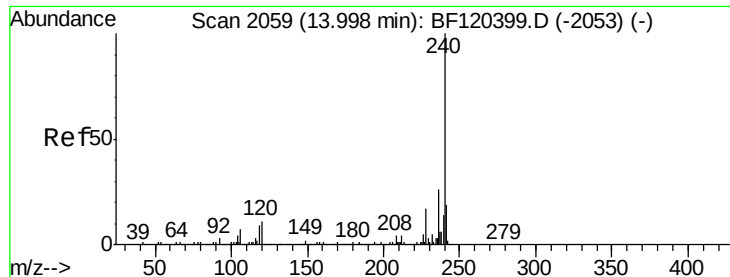


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

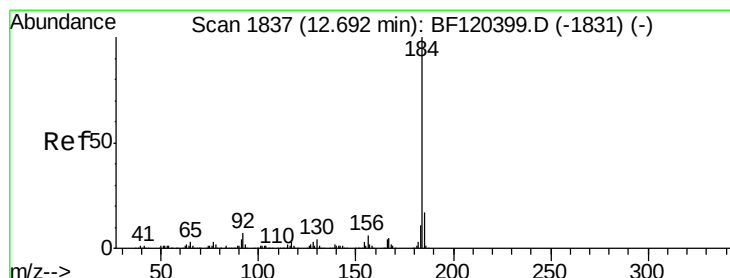
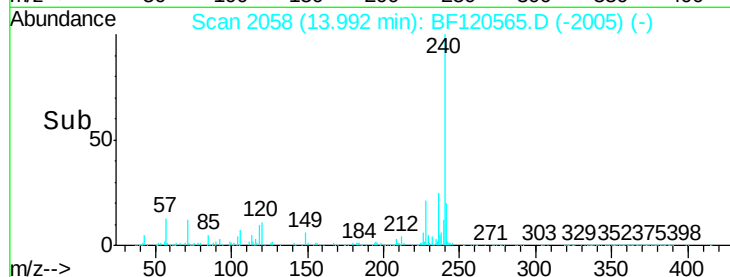
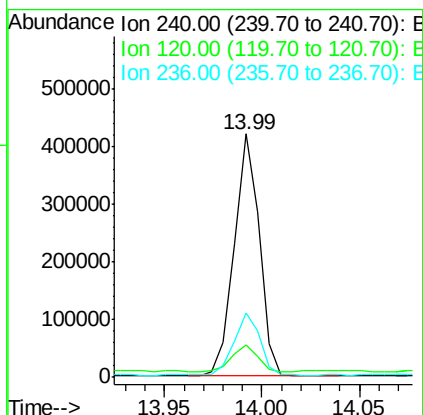
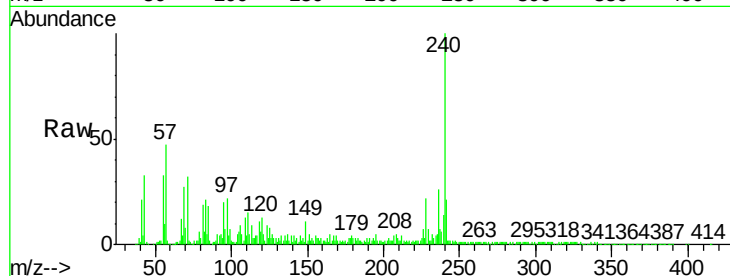




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

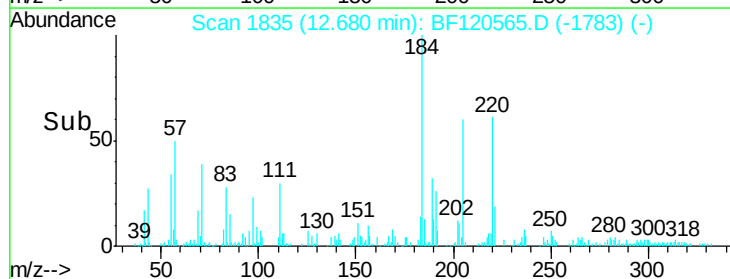
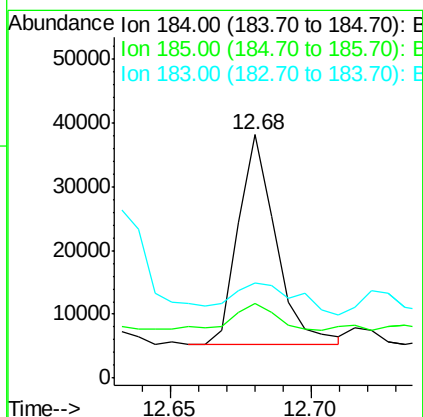
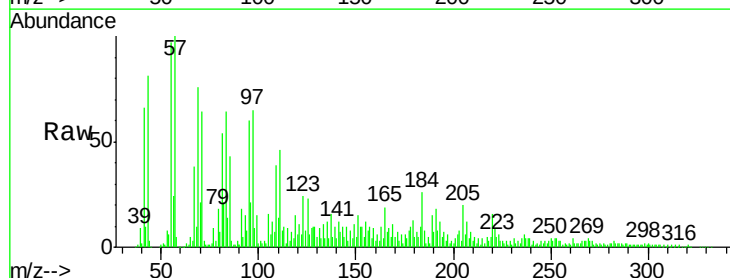
Instrument :
BNA_F
ClientSampleId :
SP-2AMS

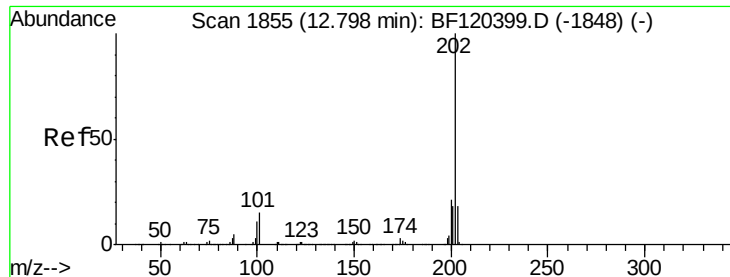
Tot Ion:240 Resp: 374491
Ion Ratio Lower Upper
240 100
120 13.1 9.1 13.7
236 26.3 21.3 31.9



#77
Benzidine
Concen: 3.067 ng
RT: 12.68 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Tgt Ion:184 Resp: 30181
Ion Ratio Lower Upper
184 100
185 30.7 11.3 16.9#
183 39.2 8.6 12.8#

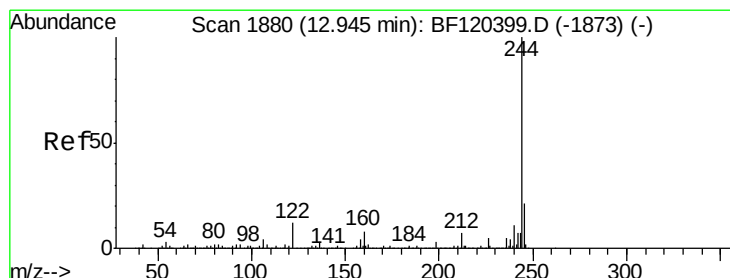
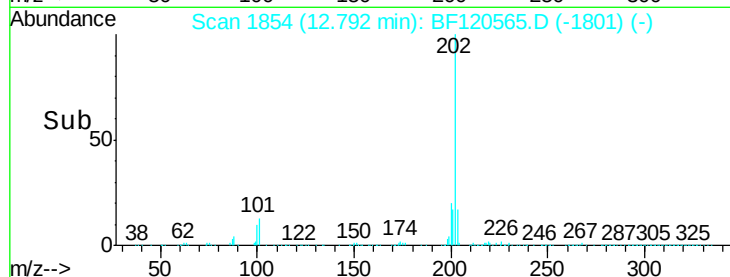
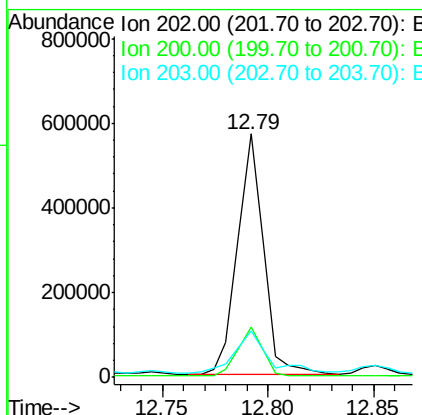
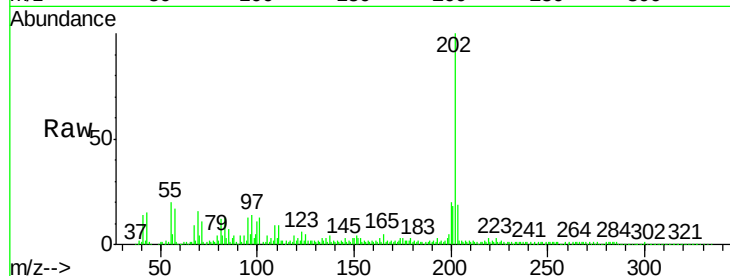




#78
Pvrene
Concen: 18.537 ng
RT: 12.79 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

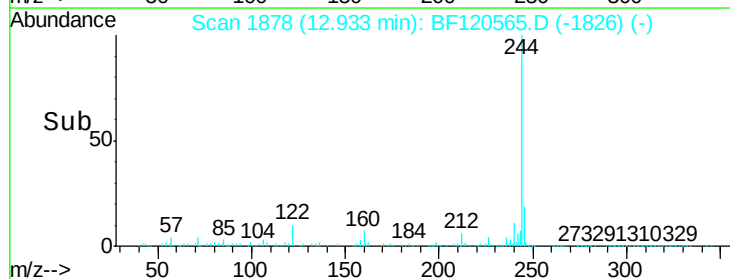
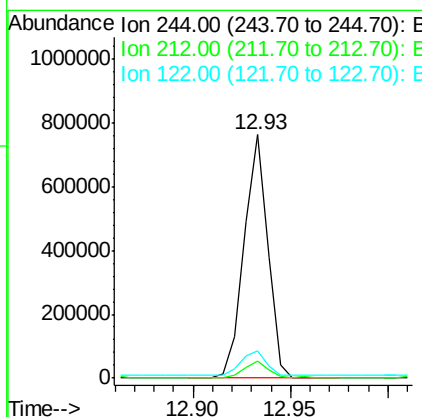
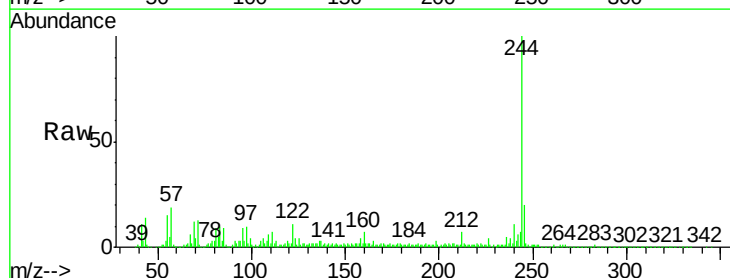
Instrument :
BNA_F
ClientSampleId :
SP-2AMS

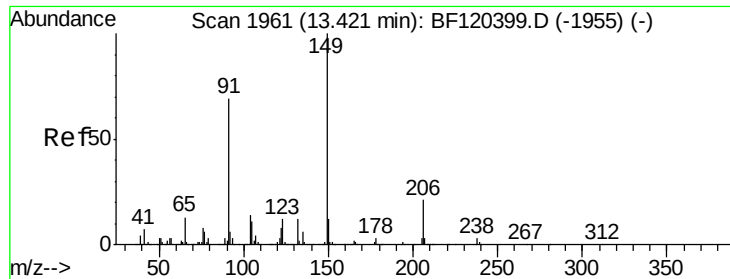
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	19.1	14.4	21.6



#79
Terphenyl-d14
Concen: 37.947 ng
RT: 12.93 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.3	7.9
122	11.4	8.4	12.6

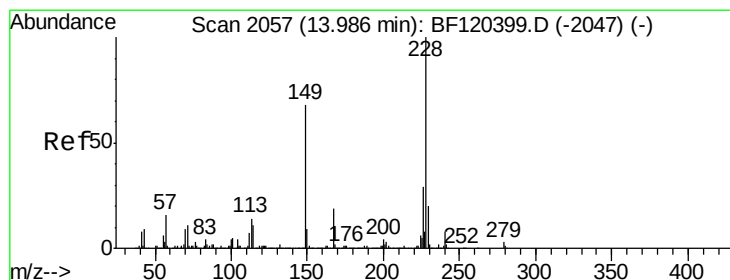
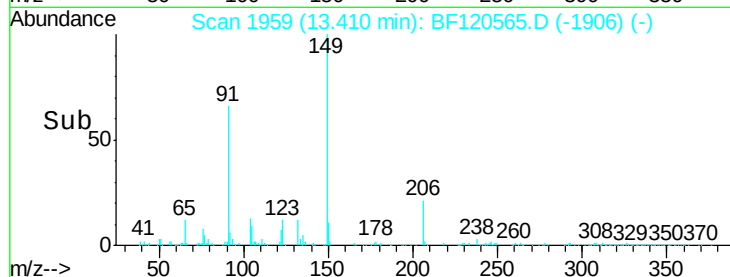
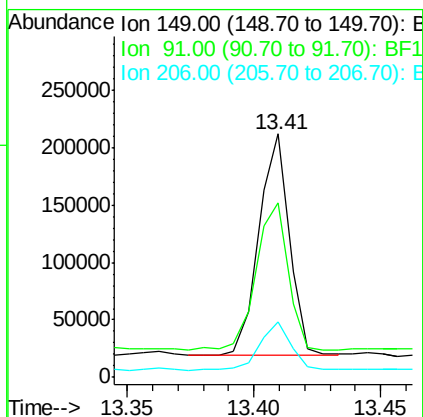
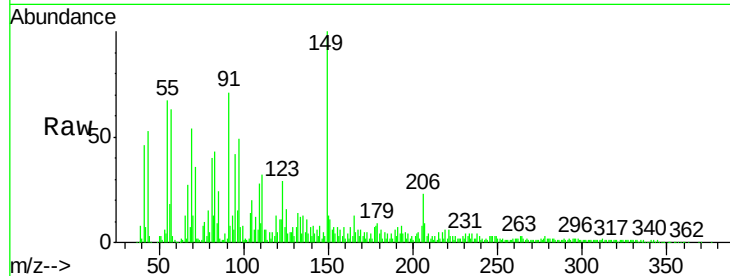




#80
Butylbenzylphthalate
Concen: 14.808 ng
RT: 13.41 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

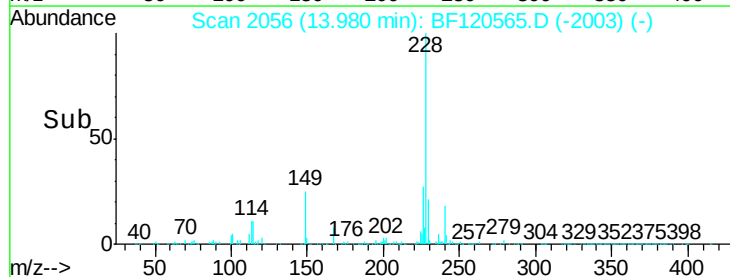
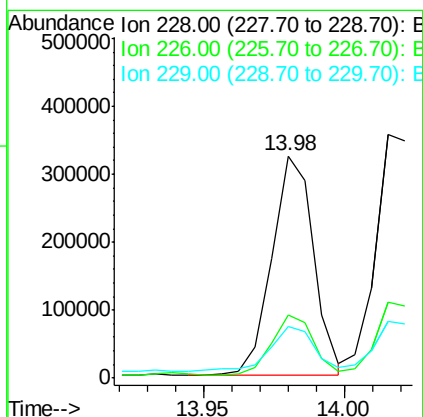
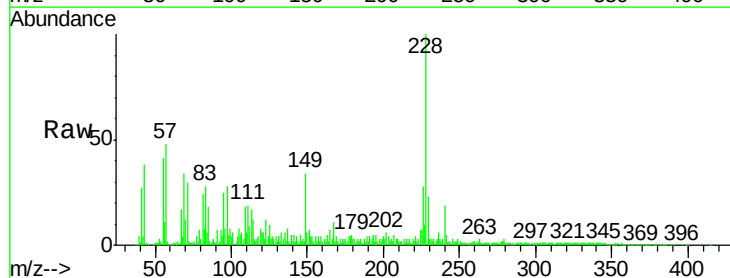
Instrument :
BNA_F
ClientSampleId :
SP-2AMS

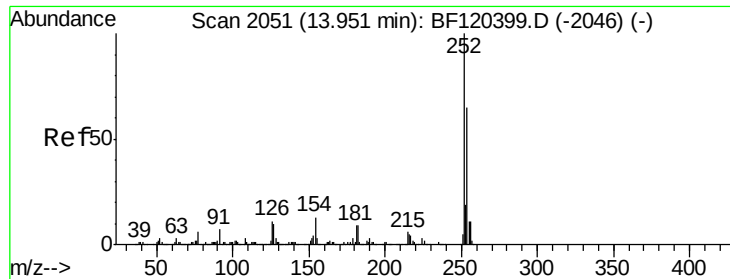
Tot Ion:149 Resp: 160999
Ion Ratio Lower Upper
149 100
91 71.5 54.7 82.1
206 22.9 16.2 24.2



#81
Benzo(a)anthracene
Concen: 16.375 ng
RT: 13.98 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Tgt Ion:228 Resp: 328661
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 23.4 16.2 24.4

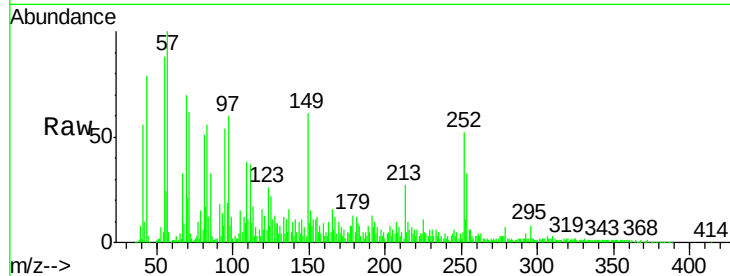




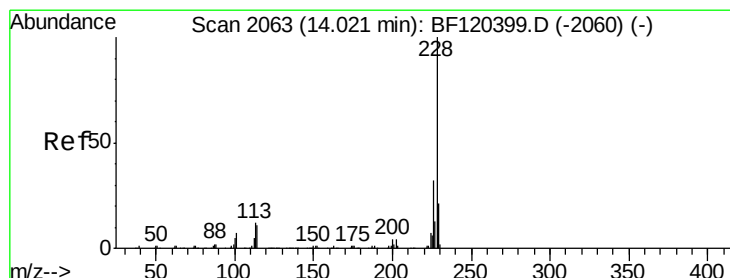
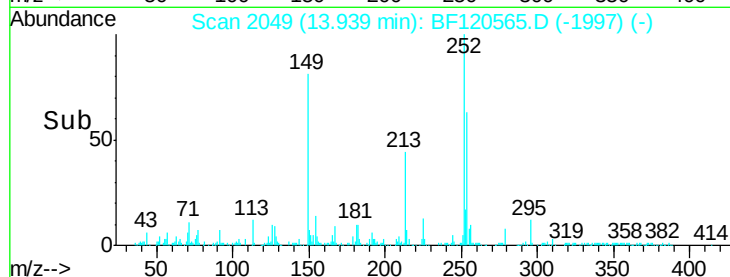
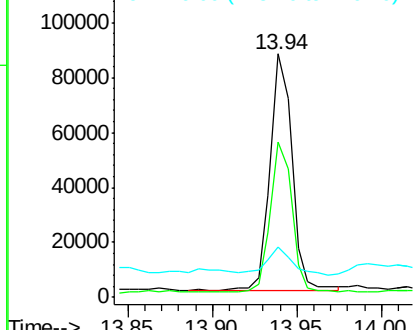
#82
 3,3'-Dichlorobenzidine
 Concen: 10.765 ng
 RT: 13.94 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: BF120565.D
 Acq: 5 Jun 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-2AMS

Tot Ion:252 Resp: 78444
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.2 78.4
 126 20.4 8.2 12.4#

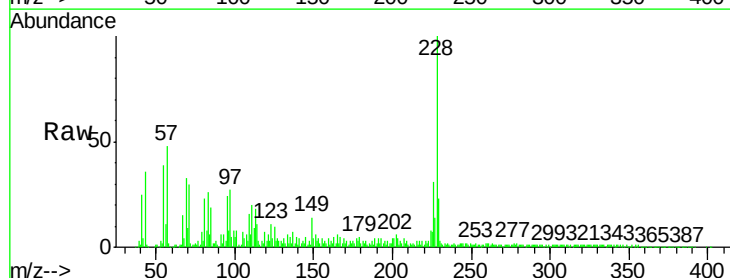


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

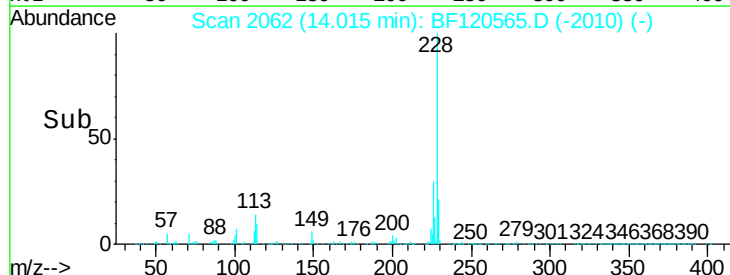
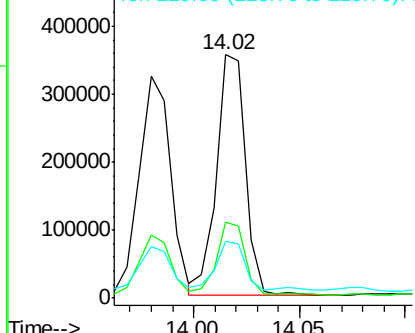


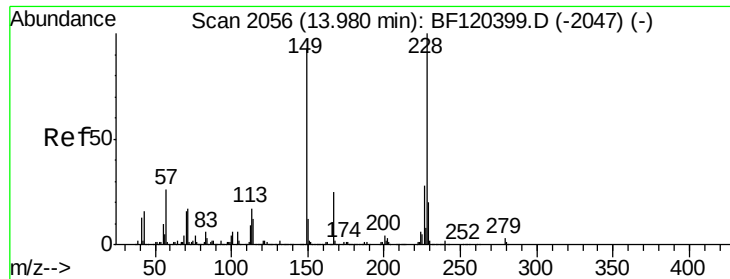
#83
 Chrysene
 Concen: 15.874 ng
 RT: 14.02 min Scan# 2062
 Delta R.T. 0.01 min
 Lab File: BF120565.D
 Acq: 5 Jun 2020 17:52

Tgt Ion:228 Resp: 334011
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.7 37.1
 229 23.2 15.6 23.4



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: 26.665 ng

RT: 13.97 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

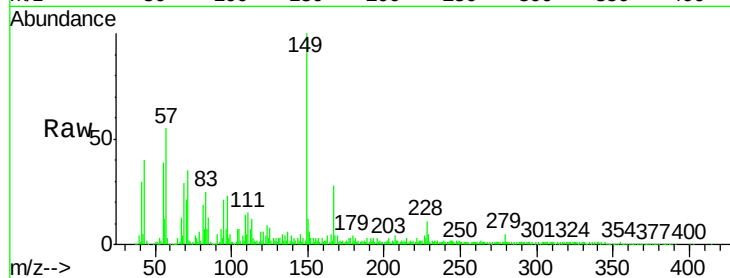
Tot Ion:149 Resp: 340326

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

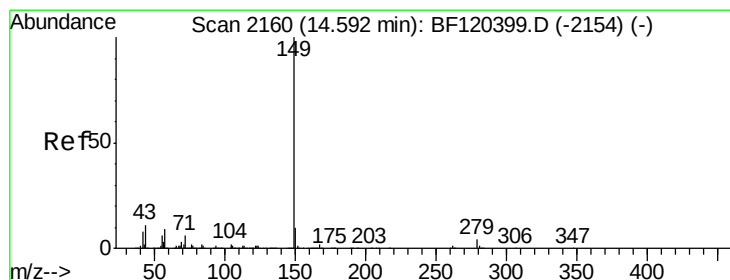
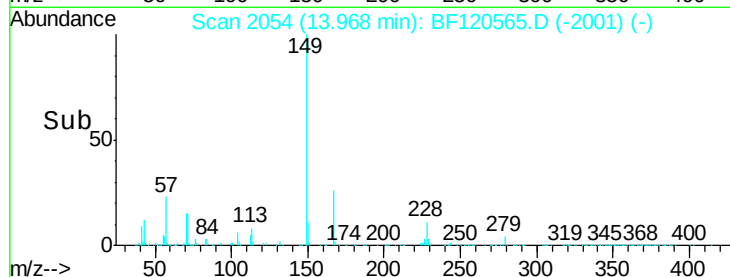
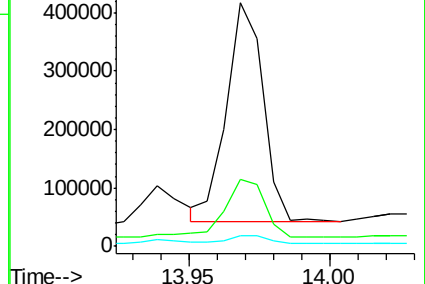
279 4.5 2.7 4.1#



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: 17.152 ng

RT: 14.58 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

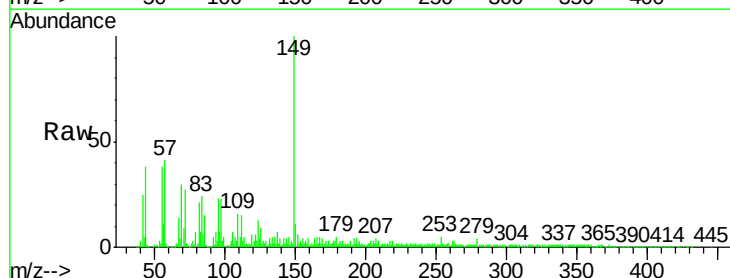
Tgt Ion:149 Resp: 378791

Ion Ratio Lower Upper

149 100

167 2.5 1.2 1.8#

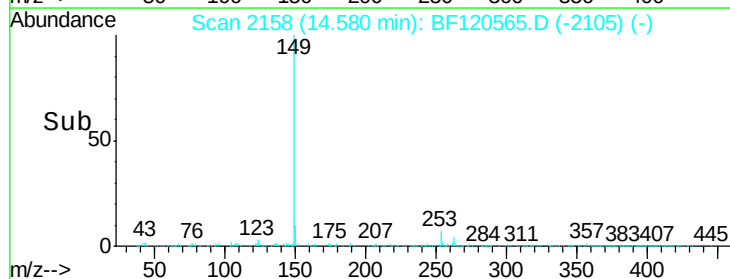
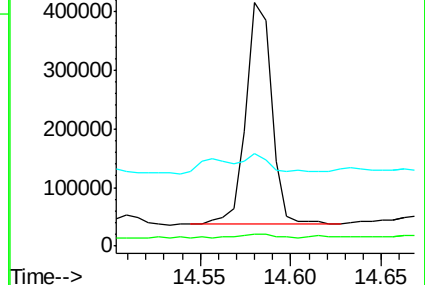
43 6.9 7.5 11.3#

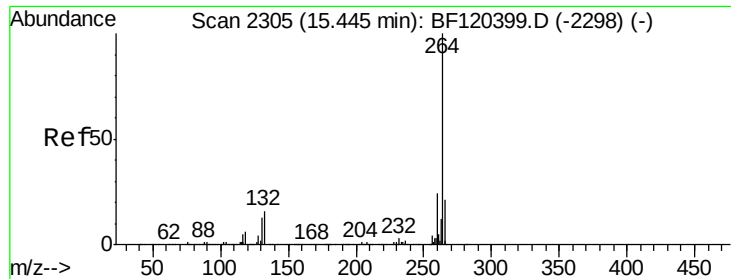


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

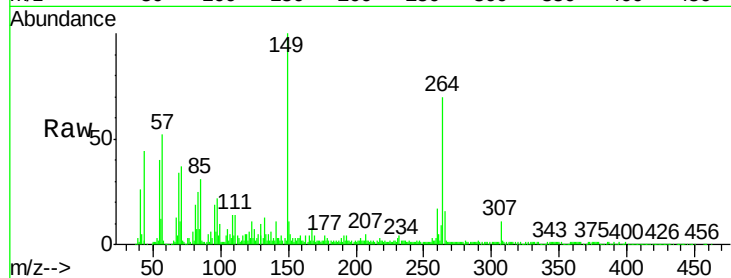




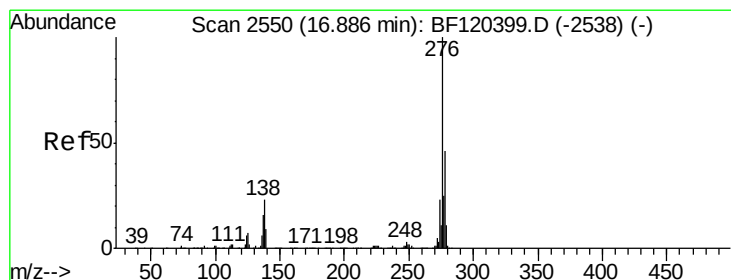
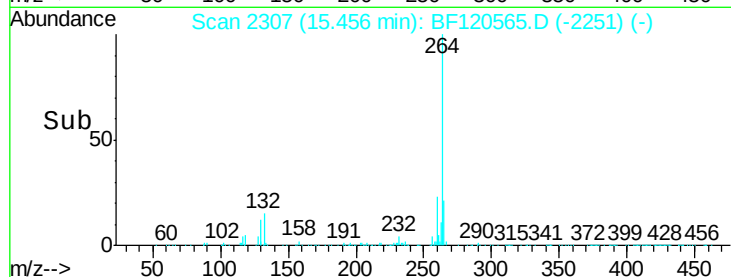
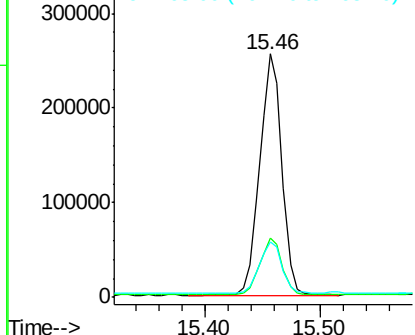
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2307
Delta R.T. 0.03 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Instrument :
BNA_F
ClientSampleId :
SP-2AMS

Tot Ion:264 Resp: 342121
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 22.8 17.2 25.8

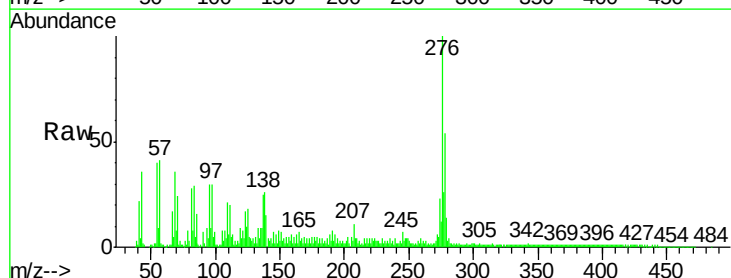


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

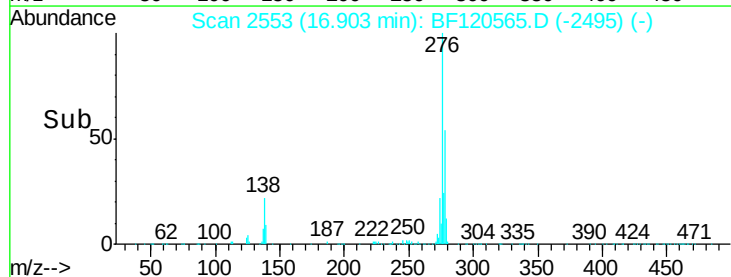
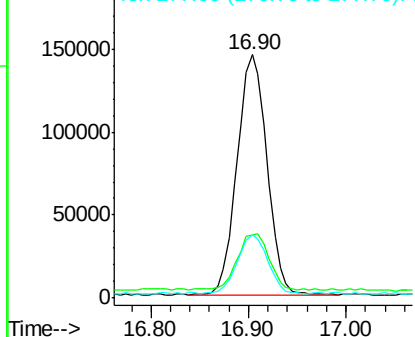


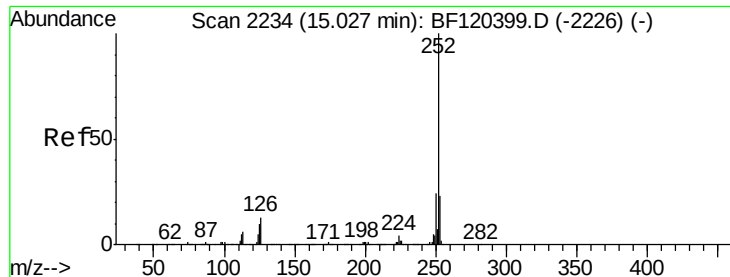
#87
Indeno(1,2,3-cd)pyrene
Concen: 16.381 ng
RT: 16.90 min Scan# 2553
Delta R.T. 0.04 min
Lab File: BF120565.D
Acq: 5 Jun 2020 17:52

Tgt Ion:276 Resp: 306528
Ion Ratio Lower Upper
276 100
138 25.8 17.8 26.8
277 24.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#88

Benzo(b)fluoranthene

Concen: 14.085 ng

RT: 15.03 min Scan# 2234

Delta R.T. 0.02 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampleId :

SP-2AMS

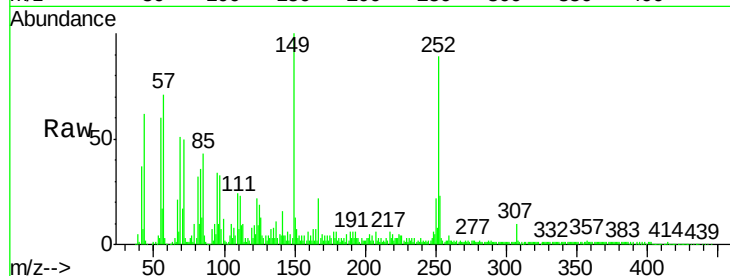
Tot Ion:252 Resp: 267647

Ion Ratio Lower Upper

252 100

253 25.4 17.2 25.8

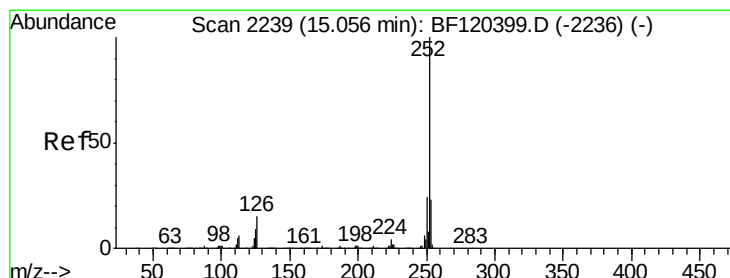
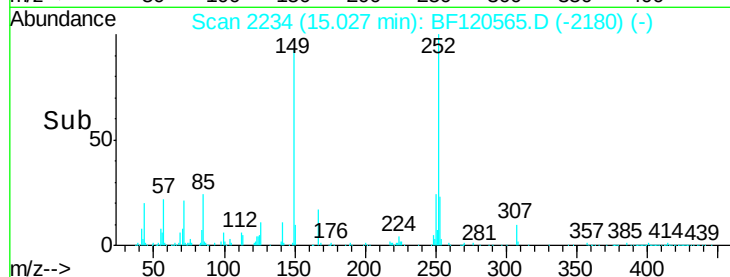
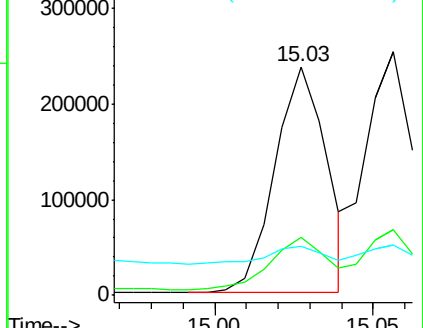
125 21.6 6.7 10.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 14.877 ng

RT: 15.06 min Scan# 2239

Delta R.T. 0.02 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

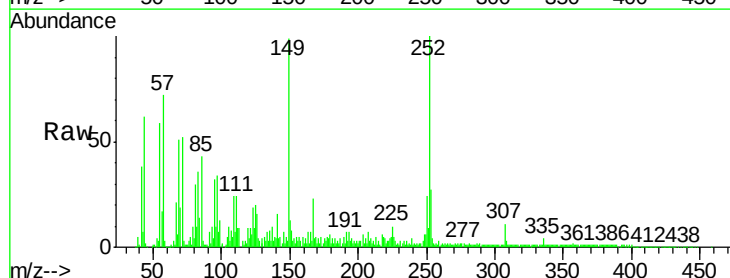
Tgt Ion:252 Resp: 263922

Ion Ratio Lower Upper

252 100

253 27.0 17.4 26.0#

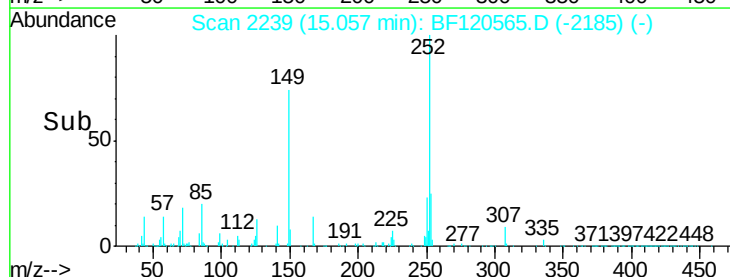
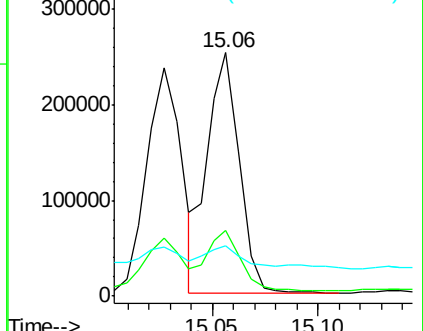
125 20.4 6.8 10.2#

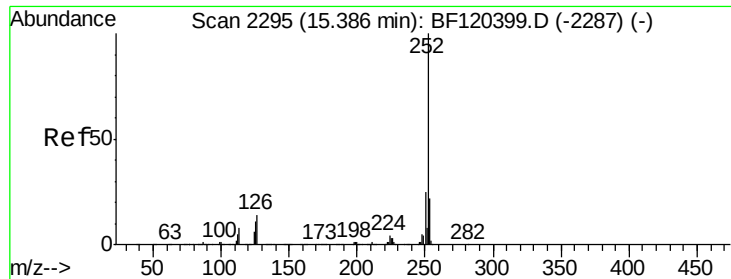


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 14.159 ng

RT: 15.39 min Scan# 2296

Delta R.T. 0.02 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

Instrument :

BNA_F

ClientSampled :

SP-2AMS

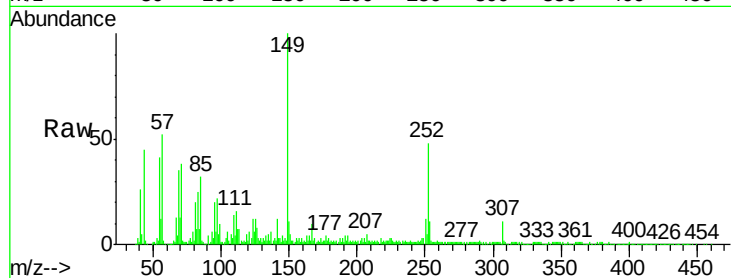
Tot Ion:252 Resp: 235338

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.0

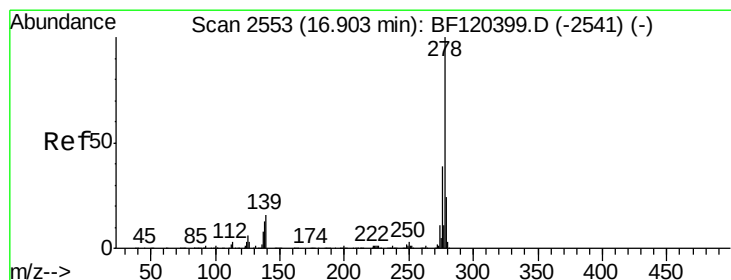
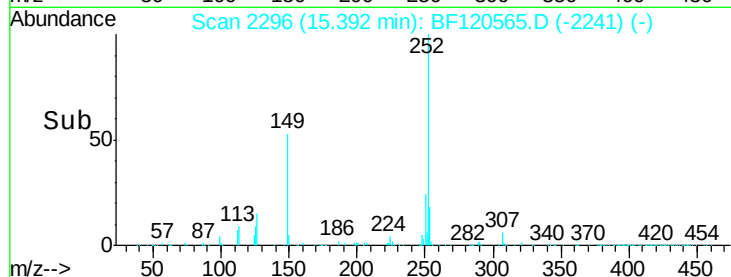
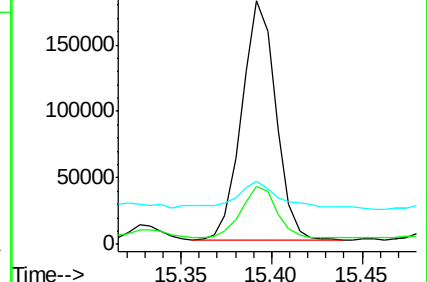
125 25.7 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 17.100 ng

RT: 16.92 min Scan# 2555

Delta R.T. 0.04 min

Lab File: BF120565.D

Acq: 5 Jun 2020 17:52

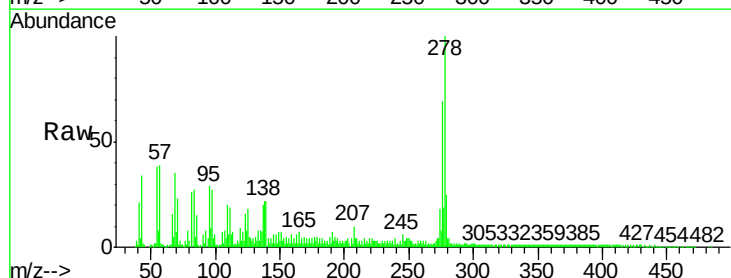
Tgt Ion:278 Resp: 260871

Ion Ratio Lower Upper

278 100

139 22.0 11.3 16.9#

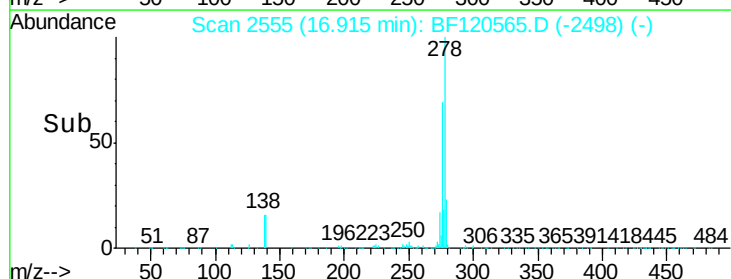
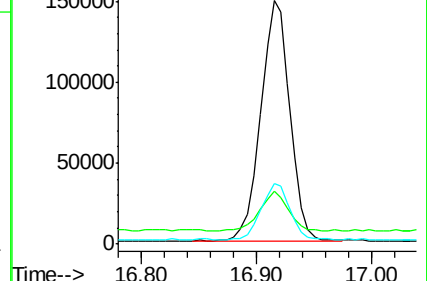
279 25.0 19.1 28.7

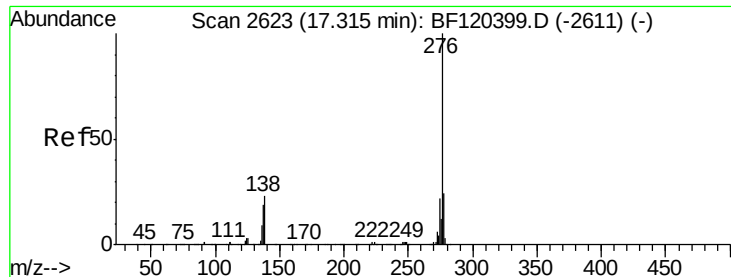


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

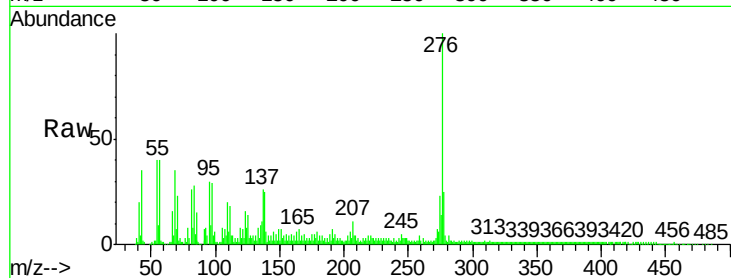




#92
 Benzo(a,h,i)perylene
 Concen: 17.446 ng
 RT: 17.34 min Scan# 2627
 Delta R.T. 0.04 min
 Lab File: BF120565.D
 Acq: 5 Jun 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-2AMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.8	28.2
138	24.7	15.4	23.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

