

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120339.D
 Acq On : 18 May 2020 14:08
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 18 15:24:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	330963	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1279359	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	649383	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1198067	20.00	ng	0.00
76) Chrysene-d12	13.76	240	856027	20.00	ng	0.00
87) Perylene-d12	15.14	264	832226	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1443244	84.85	ng	0.00
7) Phenol-d6	6.26	99	1775305	82.53	ng	0.00
23) Nitrobenzene-d5	7.17	82	1644327	88.00	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	440596	83.21	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2863301	90.59	ng	0.00
79) Terphenyl-d14	12.71	244	3012188	77.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	287247	42.452	ng	95
3) Pyridine	2.86	79	970123	45.610	ng	97
4) n-Nitrosodimethylamine	2.83	42	380114	45.640	ng	100
6) Aniline	6.27	93	1134747	41.249	ng	99
8) 2-Chlorophenol	6.39	128	810163	40.849	ng	99
9) Benzaldehyde	6.15	77	538392	40.601	ng	98
10) Phenol	6.27	94	1048612	41.760	ng	92
11) bis(2-Chloroethyl)ether	6.35	93	783492	39.061	ng	96
12) 1,3-Dichlorobenzene	6.54	146	867343	40.869	ng	98
13) 1,4-Dichlorobenzene	6.62	146	894134	40.907	ng	97
14) 1,2-Dichlorobenzene	6.77	146	802151	40.753	ng	98
15) Benzyl Alcohol	6.76	79	641655	41.988	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1359980	43.024	ng	92
17) 2-Methylphenol	6.88	107	689596	41.188	ng	97
18) Hexachloroethane	7.11	117	333361	40.035	ng	99
19) n-Nitroso-di-n-propylamine	7.03	70	547685	38.864	ng	96
20) 3+4-Methylphenols	7.04	107	899786	41.335	ng	97
22) Acetophenone	7.02	105	1135094	43.309	ng	# 97
24) Nitrobenzene	7.19	77	854856	42.509	ng	95
25) Isophorone	7.43	82	1596731	41.069	ng	99
26) 2-Nitrophenol	7.51	139	451855	42.962	ng	94
27) 2,4-Dimethylphenol	7.56	122	643330	42.049	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	1001606	40.986	ng	100
29) 2,4-Dichlorophenol	7.76	162	657733	41.858	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	720662	41.387	ng	98
31) Naphthalene	7.91	128	2276860	42.168	ng	100
32) Benzoic acid	7.72	122	418271	41.708	ng	99
33) 4-Chloroaniline	7.97	127	997208	40.526	ng	98
34) Hexachlorobutadiene	8.03	225	418539	41.585	ng	96
35) Caprolactam	8.36	113	205925	40.058	ng	94
36) 4-Chloro-3-methylphenol	8.47	107	703502	41.386	ng	98
37) 2-Methylnaphthalene	8.60	142	1491641	40.369	ng	98
38) 1-Methylnaphthalene	8.70	142	1436563	40.086	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	670696	40.960	ng	100

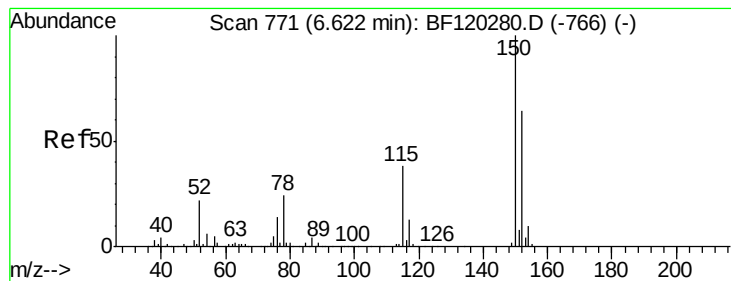
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	222381	36.823	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	456122	41.499	ng	100
44) 2,4,5-Trichlorophenol	8.94	196	518062	41.042	ng	99
46) 1,1'-Biphenyl	9.07	154	1749565	41.119	ng	100
47) 2-Chloronaphthalene	9.09	162	1418768	41.569	ng	100
48) 2-Nitroaniline	9.20	65	518257	41.618	ng	99
49) Acenaphthylene	9.50	152	2144730	41.138	ng	100
50) Dimethylphthalate	9.38	163	1622761	39.531	ng	99
51) 2,6-Dinitrotoluene	9.44	165	366097	39.958	ng	98
52) Acenaphthene	9.67	154	1289988	41.279	ng	99
53) 3-Nitroaniline	9.61	138	440196	40.289	ng	97
54) 2,4-Dinitrophenol	9.72	184	177526	41.049	ng	96
55) Dibenzofuran	9.85	168	1874941	41.663	ng	99
56) 4-Nitrophenol	9.80	139	239489	40.794	ng	97
57) 2,4-Dinitrotoluene	9.85	165	442052	41.131	ng	96
58) Fluorene	10.19	166	1454806	42.448	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	403228	42.448	ng	100
60) Diethylphthalate	10.07	149	1626920	41.051	ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	731669	41.061	ng	95
62) 4-Nitroaniline	10.23	138	447672	44.002	ng	99
63) Azobenzene	10.35	77	1593160	42.534	ng	95
65) 4,6-Dinitro-2-methylphenol	10.26	198	263892	43.554	ng	95
66) n-Nitrosodiphenylamine	10.31	169	1351442	40.773	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	466808	40.153	ng	95
68) Hexachlorobenzene	10.74	284	483484	39.752	ng	94
69) Atrazine	10.84	200	383661	38.683	ng	99
70) Pentachlorophenol	10.94	266	213289	41.232	ng	99
71) Phenanthrene	11.15	178	2093132	41.578	ng	100
72) Anthracene	11.20	178	2244181	41.641	ng	99
73) Carbazole	11.36	167	2111920	41.940	ng	99
74) Di-n-butylphthalate	11.69	149	2514852	41.439	ng	99
75) Fluoranthene	12.33	202	2339460	43.356	ng	98
77) Benzidine	12.46	184	1071114	42.849	ng	99
78) Pyrene	12.56	202	2368120	38.805	ng	100
80) Butylbenzylphthalate	13.19	149	1087196	37.833	ng	98
81) Benzo(a)anthracene	13.75	228	1841711	40.791	ng	99
82) 3,3'-Dichlorobenzidine	13.72	252	726425	42.694	ng	99
83) Chrysene	13.79	228	1973246	40.700	ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1355714	37.919	ng	99
85) Di-n-octyl phthalate	14.36	149	2538386	39.466	ng	98
86) Indeno(1,2,3-cd)pyrene	16.46	276	1896986	43.111	ng	100
88) Benzo(b)fluoranthene	14.76	252	1920615	42.258	ng	98
89) Benzo(k)fluoranthene	14.79	252	1686955	42.841	ng	100
90) Benzo(a)pyrene	15.09	252	1674842	41.090	ng	99
91) Dibenzo(a,h)anthracene	16.47	278	1551643	42.970	ng	99
92) Benzo(g,h,i)perylene	16.85	276	1551779	42.616	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

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SSTDCCC040

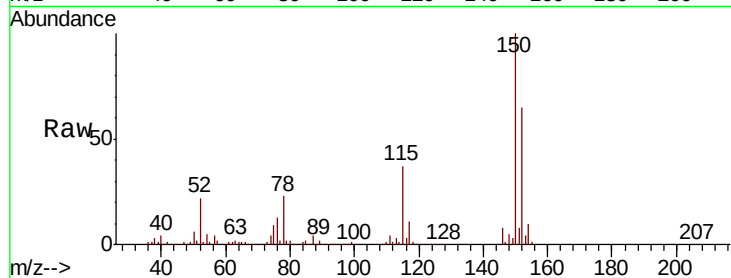
Tot Ion:152 Resp: 330963

Ion Ratio Lower Upper

152 100

150 154.7 126.2 189.2

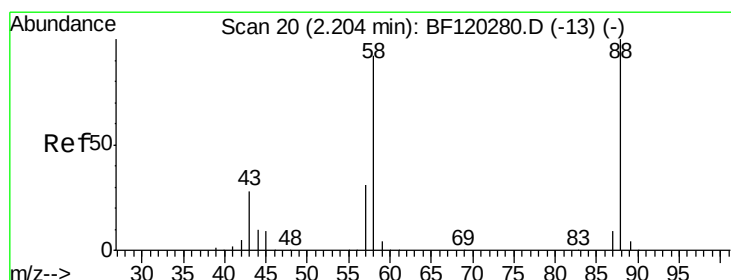
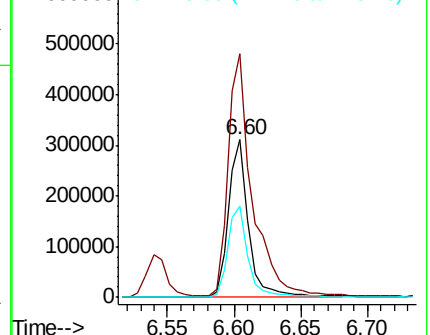
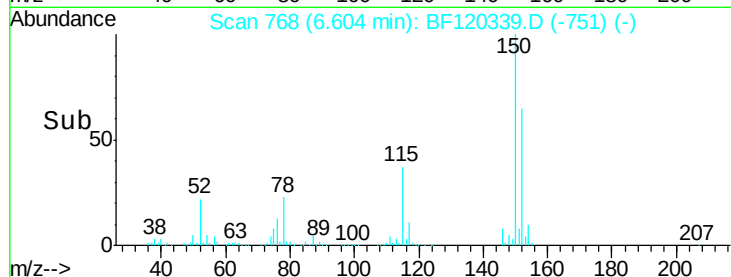
115 57.8 47.9 71.9



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: 42.452 ng

RT: 2.20 min Scan# 20

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

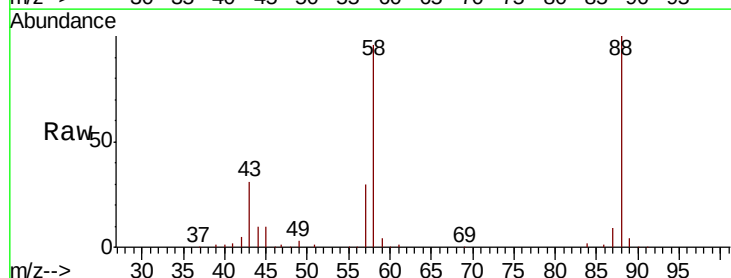
Tgt Ion: 88 Resp: 287247

Ion Ratio Lower Upper

88 100

58 99.9 75.8 113.6

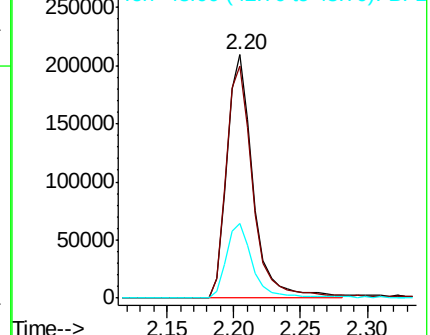
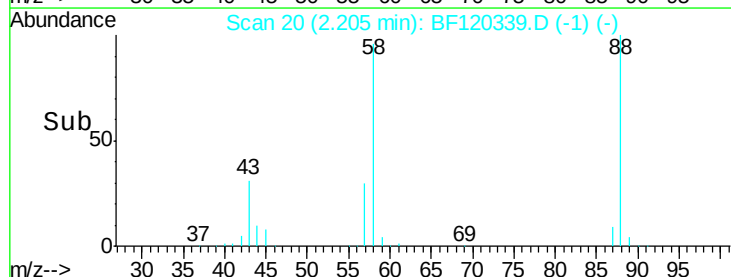
43 31.6 23.6 35.4

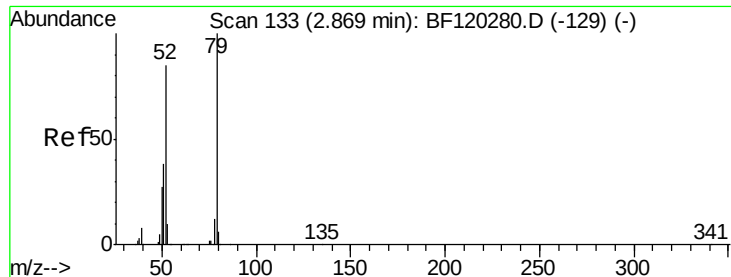


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 45.610 ng

RT: 2.86 min Scan# 131

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

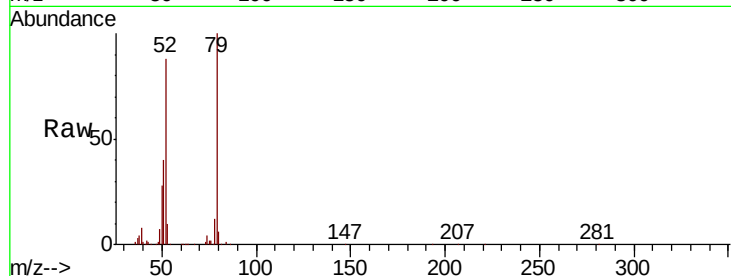
Tot Ion: 79 Resp: 970123

Ion Ratio Lower Upper

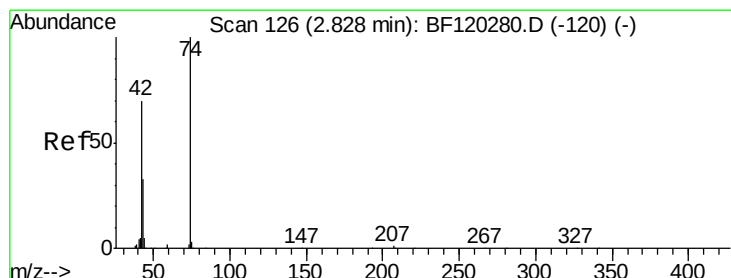
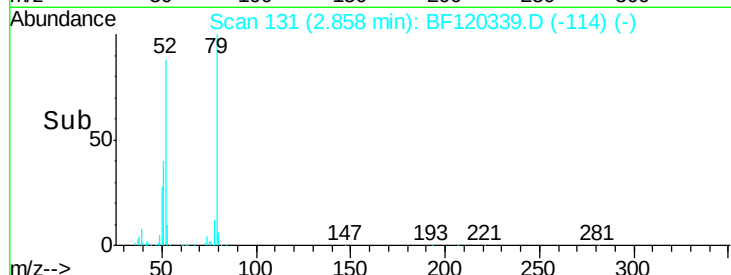
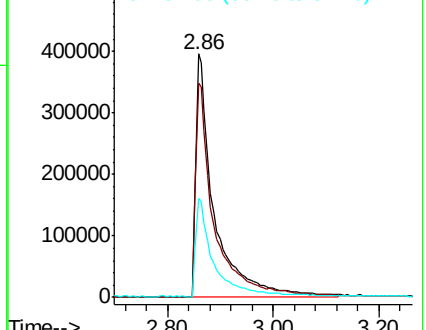
79 100

52 88.0 68.4 102.6

51 40.4 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.640 ng

RT: 2.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

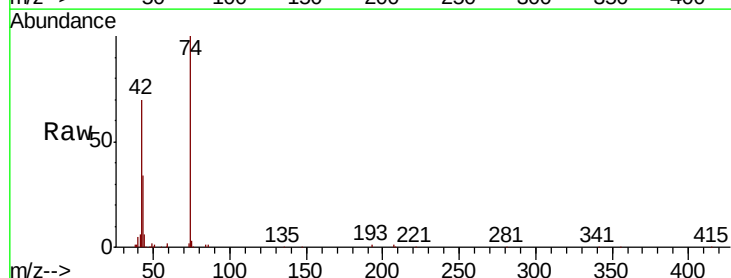
Tgt Ion: 42 Resp: 380114

Ion Ratio Lower Upper

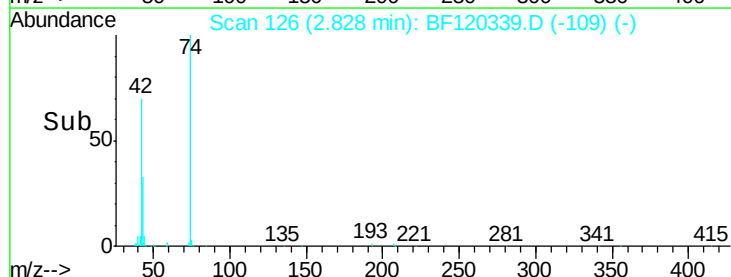
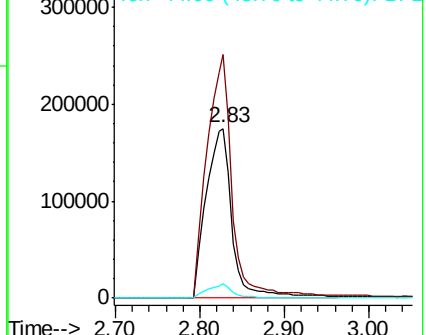
42 100

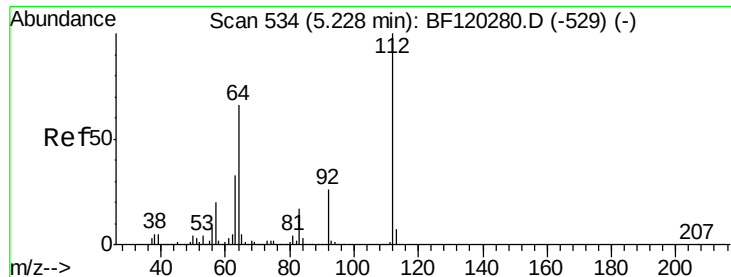
74 143.6 114.8 172.2

44 8.2 5.6 8.4



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





#5

2-Fluorophenol

Concen: 84.847 ng

RT: 5.21 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

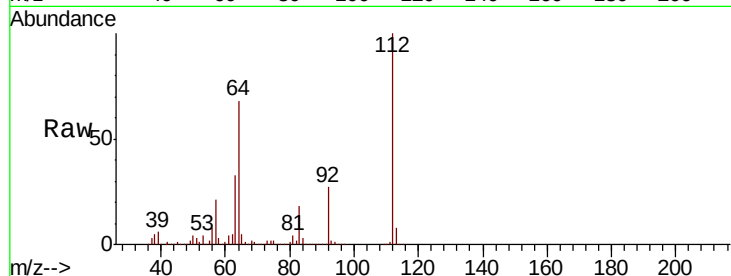
Tot Ion:112 Resp: 1443244

Ion Ratio Lower Upper

112 100

64 68.2 52.7 79.1

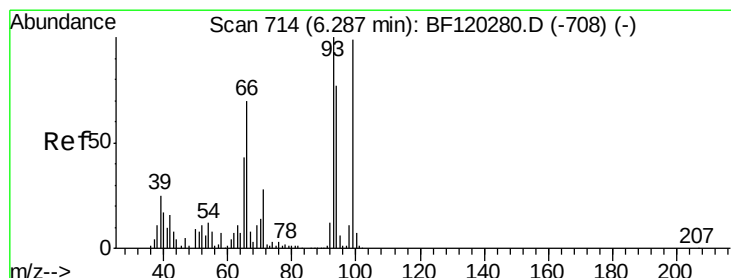
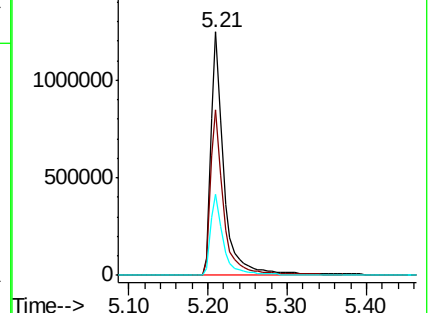
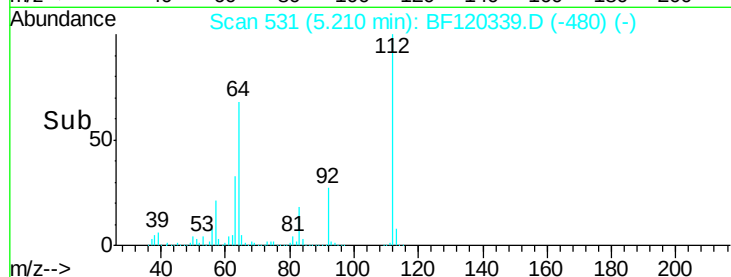
63 33.3 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.249 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

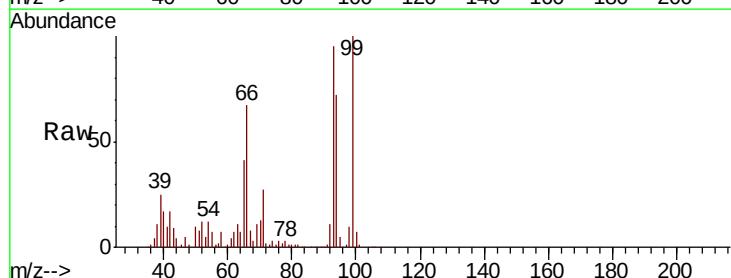
Tgt Ion: 93 Resp: 1134747

Ion Ratio Lower Upper

93 100

66 71.1 56.2 84.4

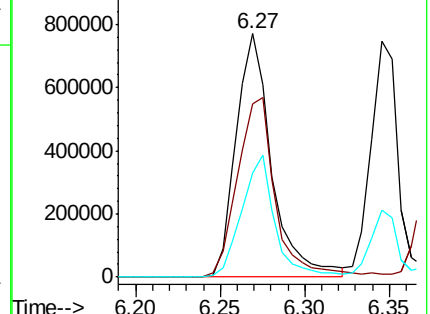
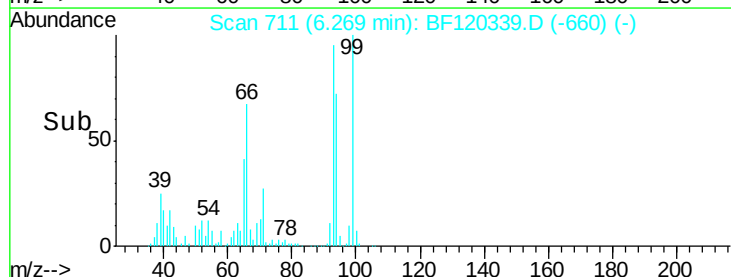
65 43.0 34.2 51.2

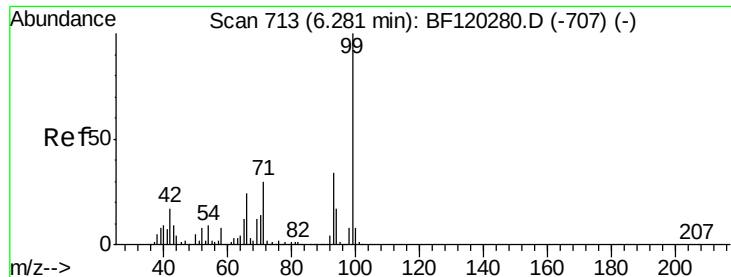


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.532 ng

RT: 6.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

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ClientSampleId :

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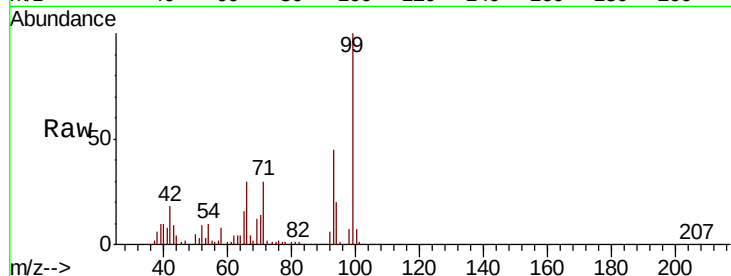
Tot Ion: 99 Resp: 1775305

Ion Ratio Lower Upper

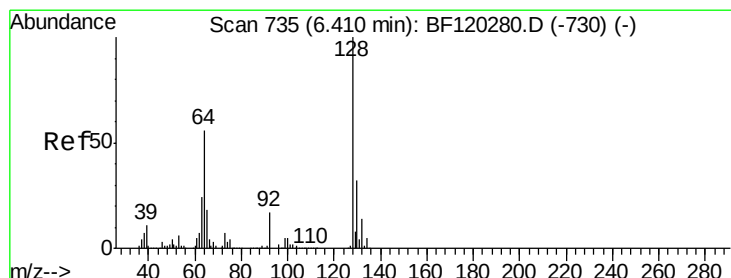
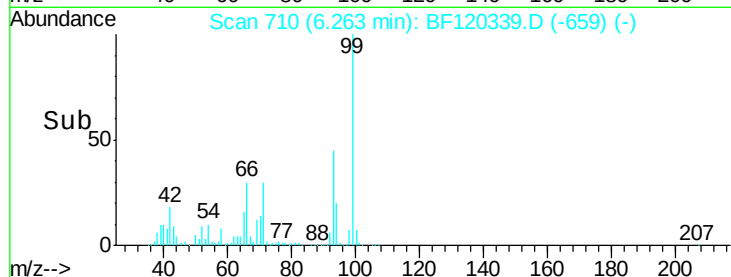
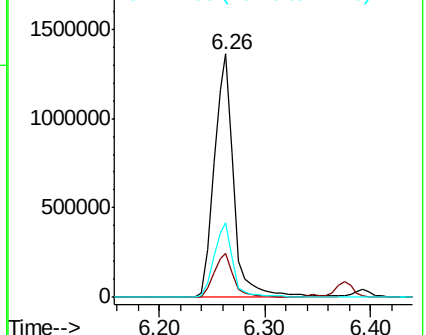
99 100

42 18.3 13.6 20.4

71 30.5 24.2 36.4



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



#8

2-Chlorophenol

Concen: 40.849 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

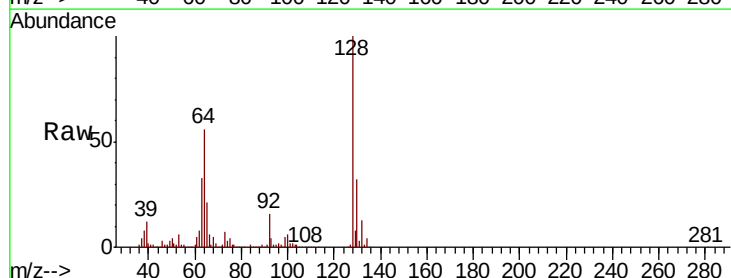
Tgt Ion: 128 Resp: 810163

Ion Ratio Lower Upper

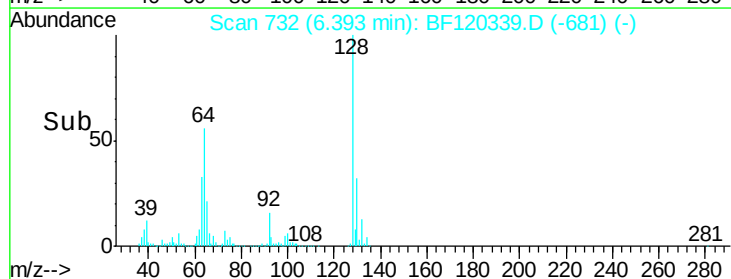
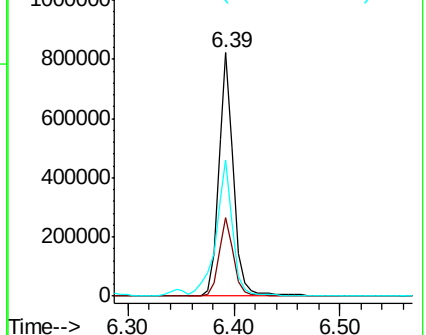
128 100

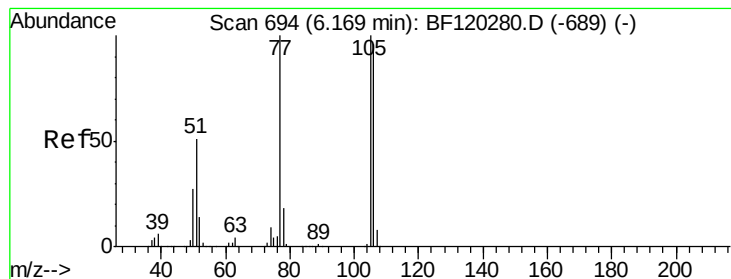
130 32.4 12.4 52.4

64 55.8 36.7 76.7



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: 40.601 ng

RT: 6.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

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SSTDCCC040

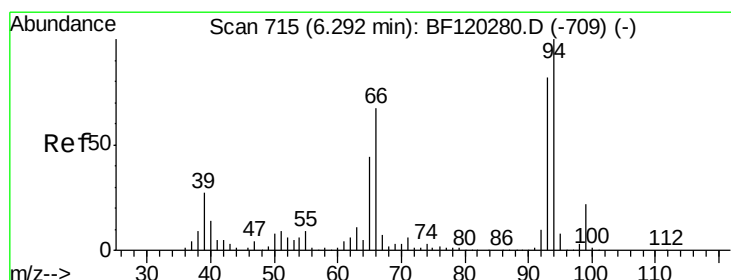
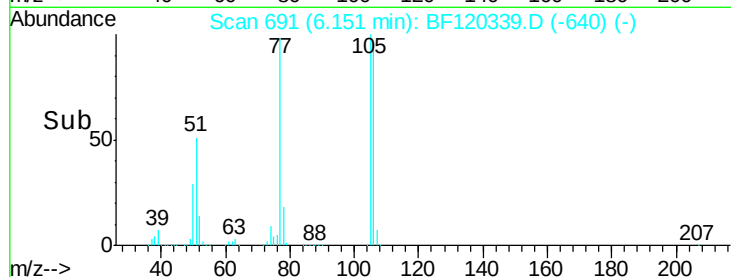
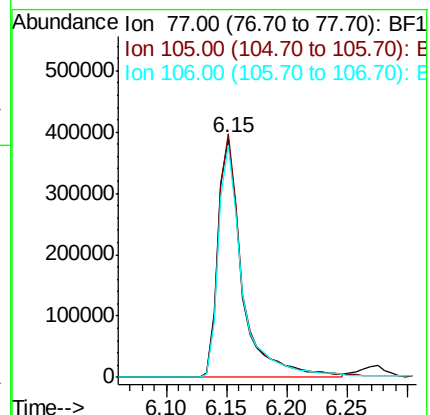
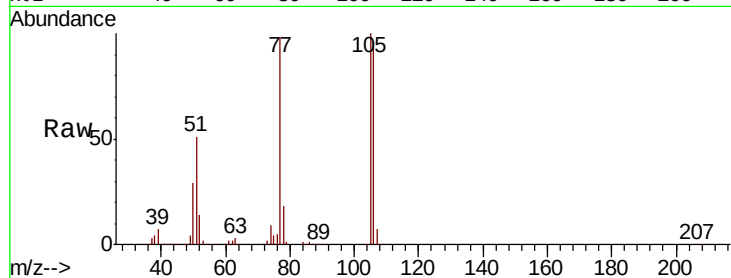
Tot Ion: 77 Resp: 538392

Ion Ratio Lower Upper

77 100

105 102.0 79.9 119.9

106 97.5 75.7 115.7



#10

Phenol

Concen: 41.760 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

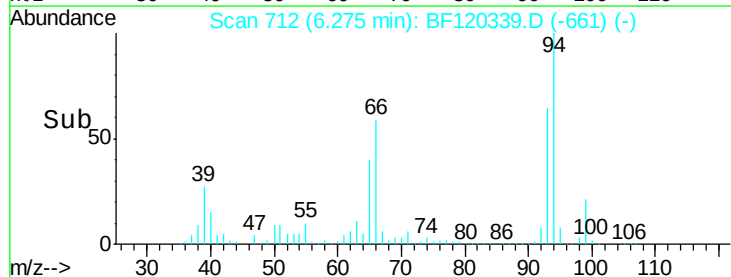
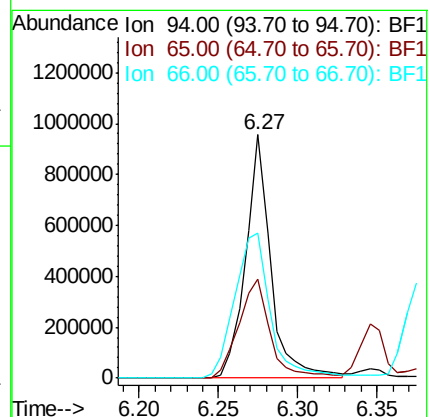
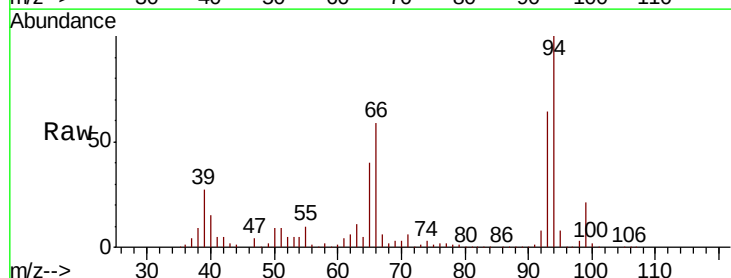
Tgt Ion: 94 Resp: 1048612

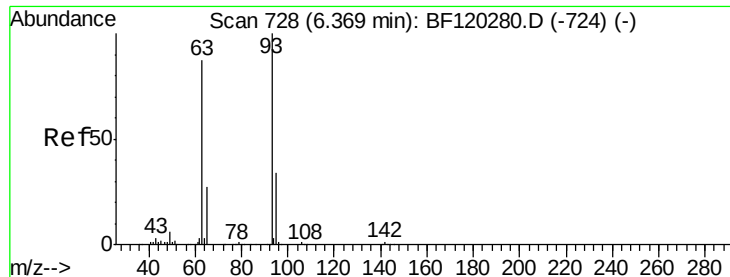
Ion Ratio Lower Upper

94 100

65 40.4 24.1 64.1

66 59.4 47.5 87.5

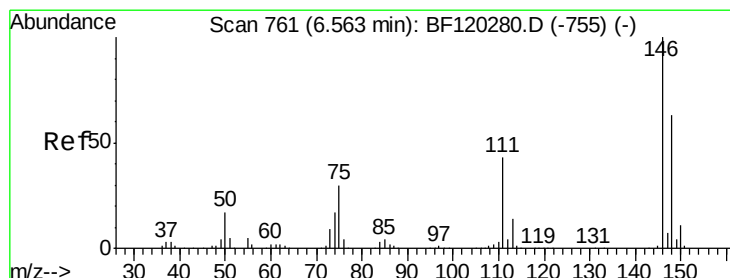
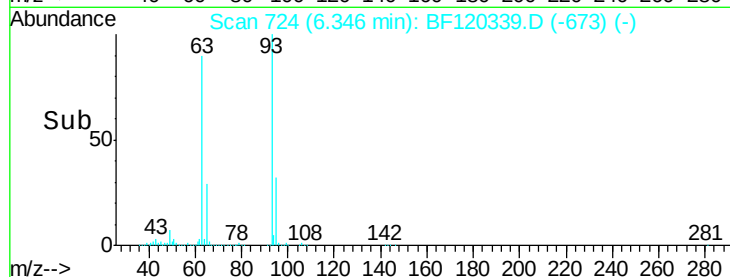
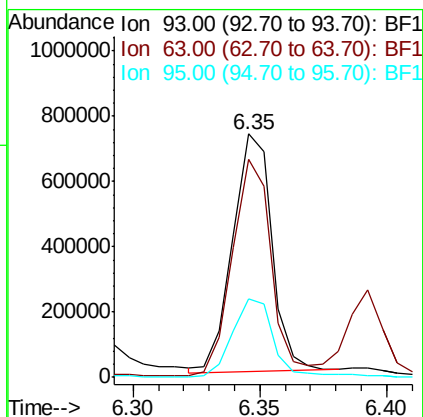
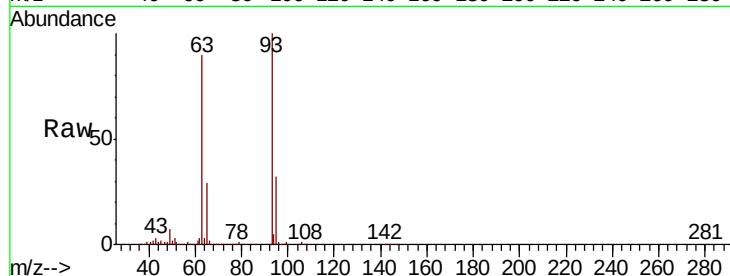




#11
bis(2-Chloroethyl)ether
Concen: 39.061 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

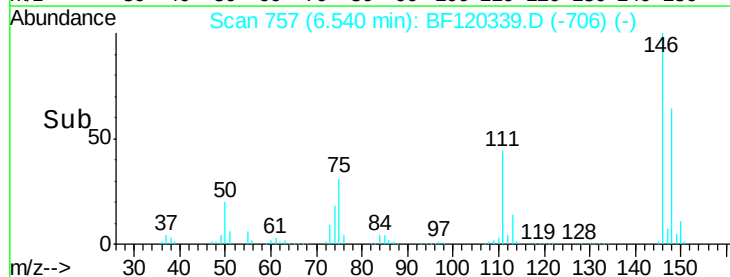
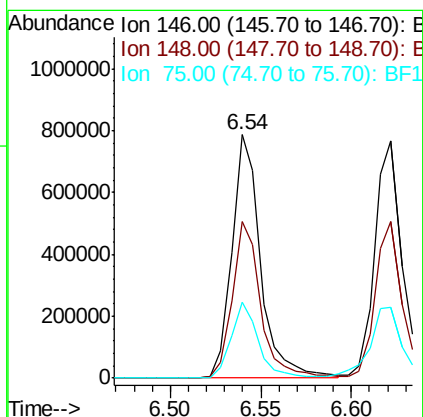
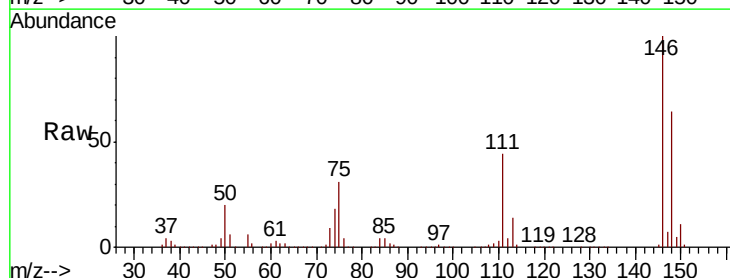
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

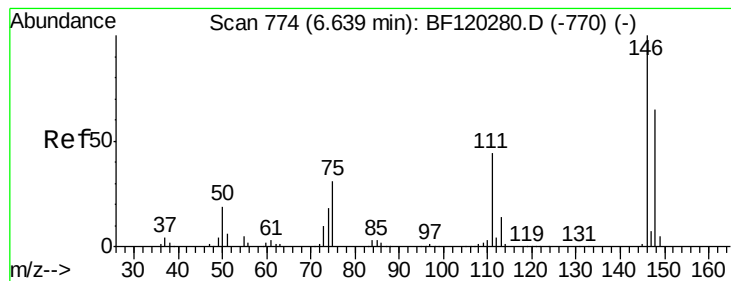
Tot Ion: 93 Resp: 783492
Ion Ratio Lower Upper
93 100
63 89.7 65.4 105.4
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.869 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Tgt Ion: 146 Resp: 867343
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
75 31.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.907 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

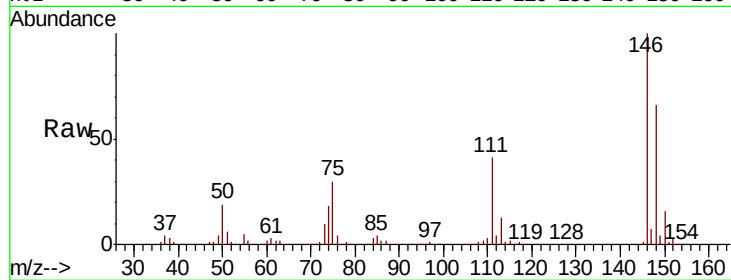
Tot Ion:146 Resp: 894134

Ion Ratio Lower Upper

146 100

148 65.9 51.6 77.4

111 41.3 35.1 52.7

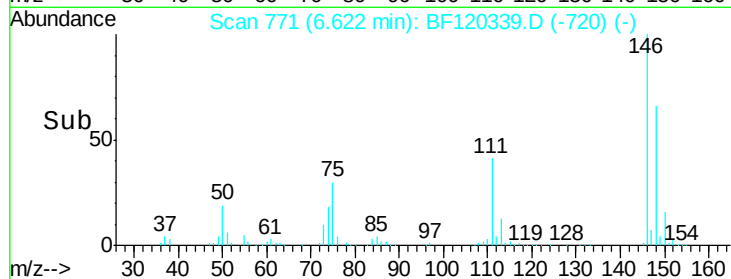


Abundance Ion 146.00 (145.70 to 146.70): E

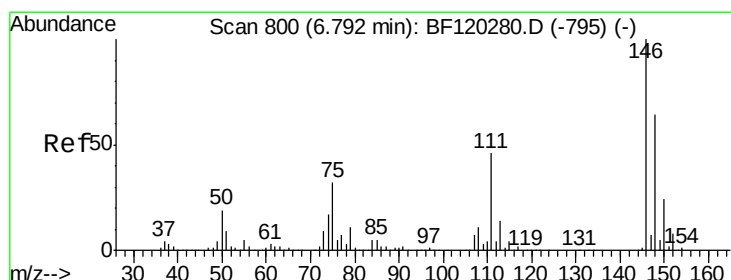
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.62



Time-->



#14

1,2-Dichlorobenzene

Concen: 40.753 ng

RT: 6.77 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

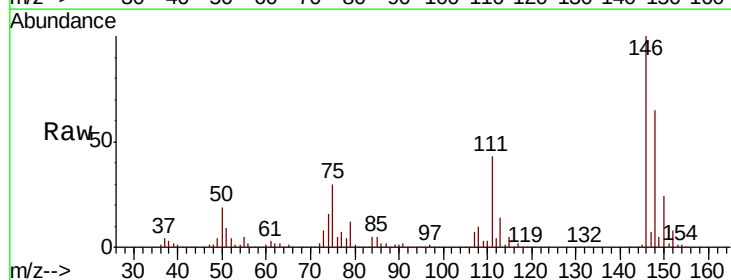
Tgt Ion:146 Resp: 802151

Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

111 43.3 36.6 55.0

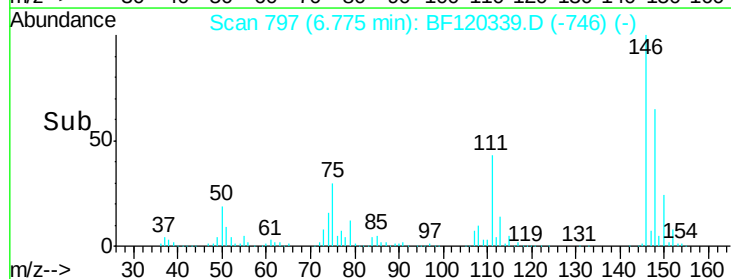


Abundance Ion 146.00 (145.70 to 146.70): E

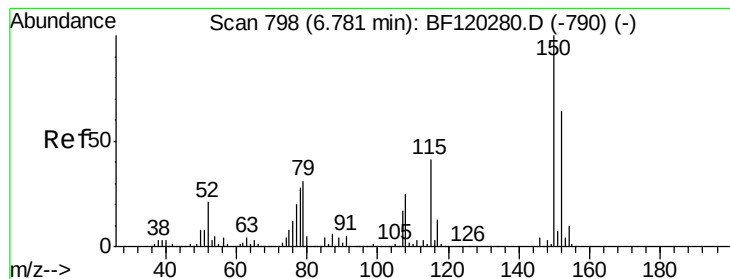
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.77



Time-->



#15

Benzyl Alcohol

Concen: 41.988 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

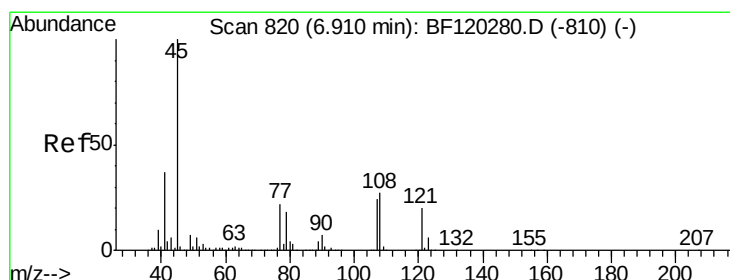
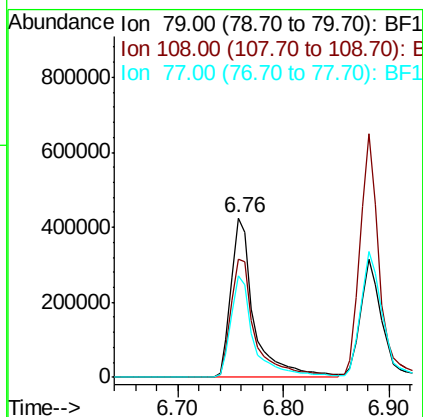
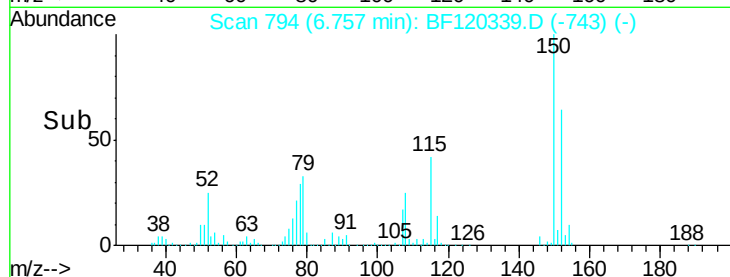
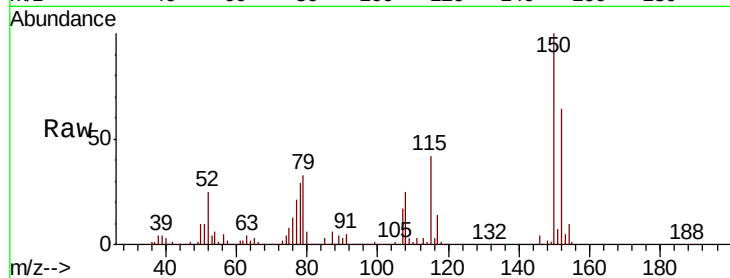
Tot Ion: 79 Resp: 641655

Ion Ratio Lower Upper

79 100

108 74.6 64.2 96.4

77 63.6 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.024 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

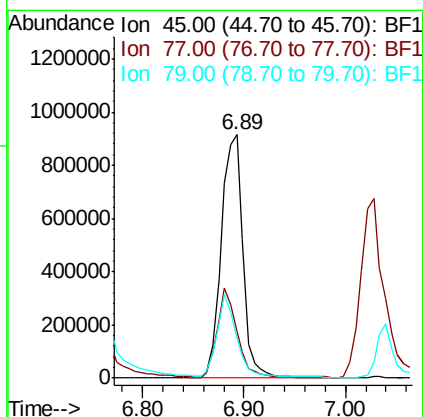
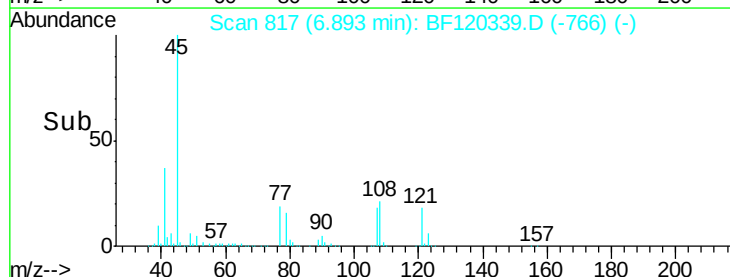
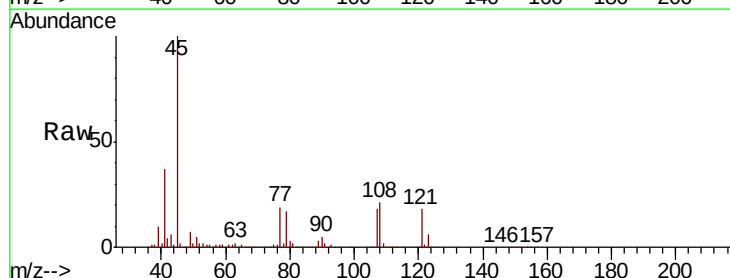
Tgt Ion: 45 Resp: 1359980

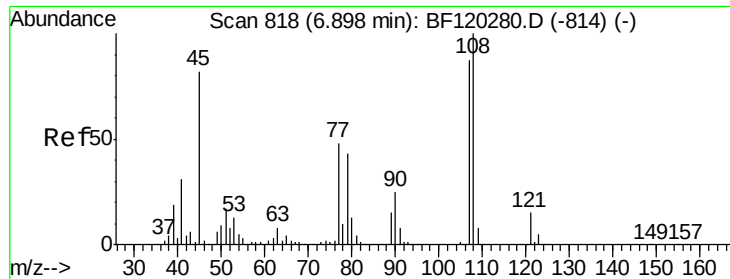
Ion Ratio Lower Upper

45 100

77 19.1 3.1 43.1

79 16.6 0.0 40.0

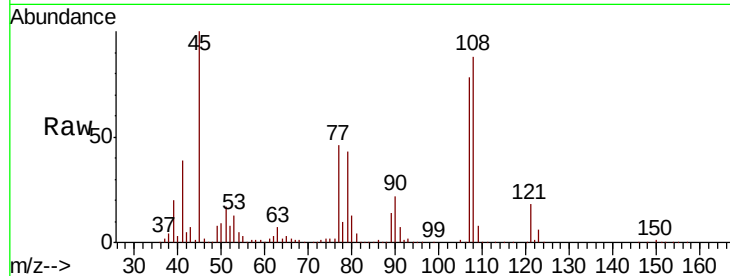




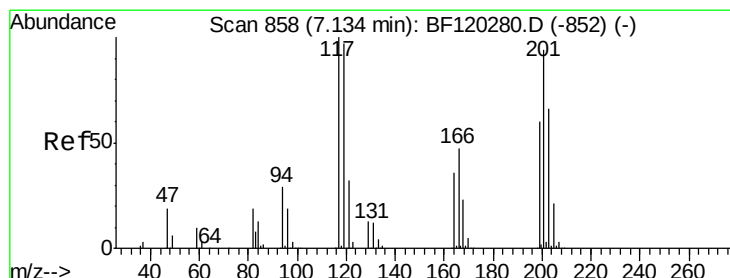
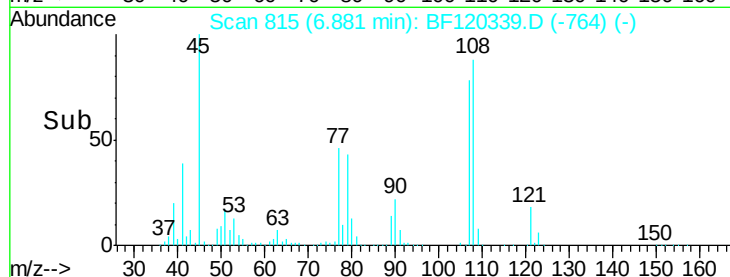
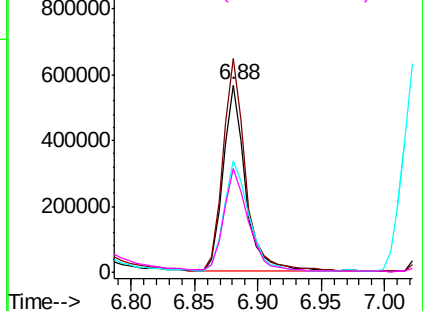
#17
2-Methylphenol
Concen: 41.188 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	689596
Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.4	138.6
77	59.2	44.5	66.7
79	55.2	40.4	60.6

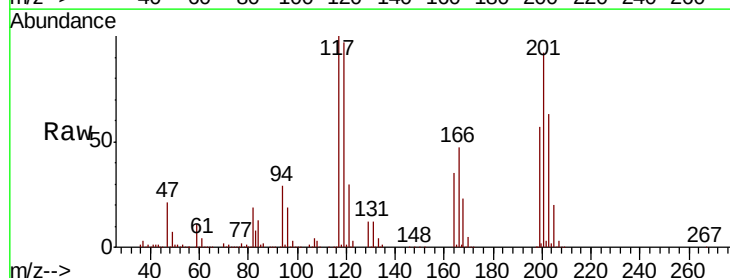


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

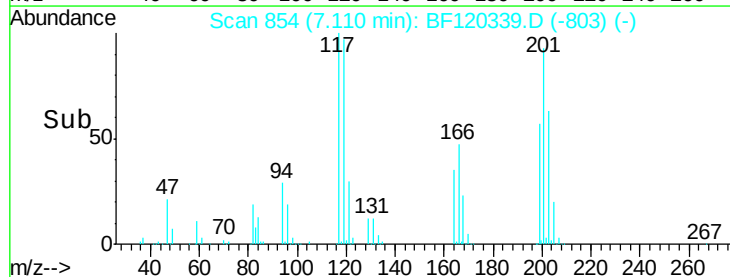
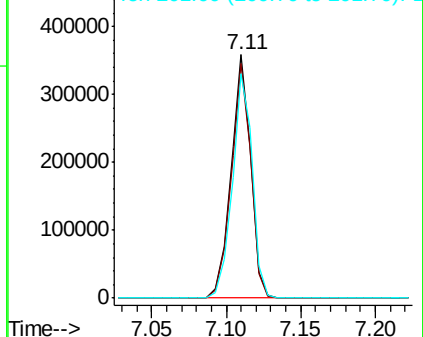


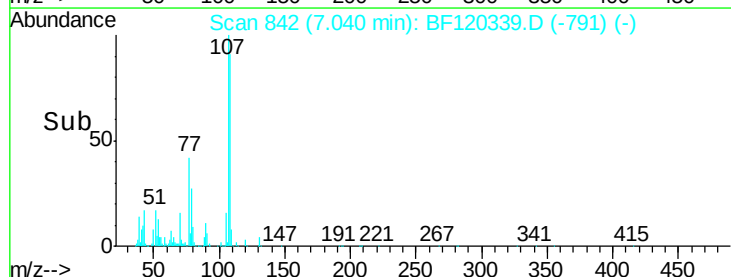
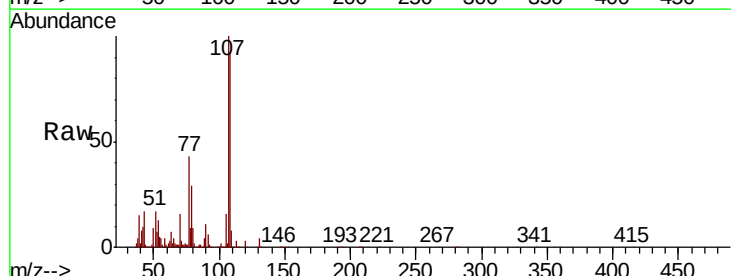
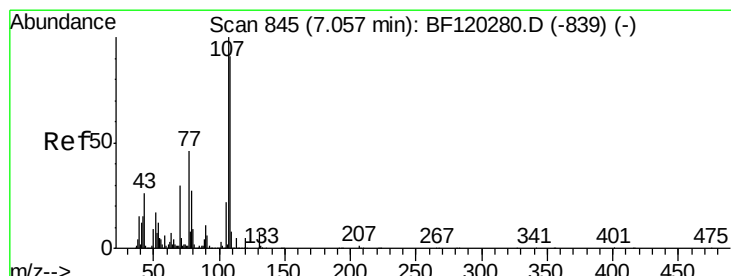
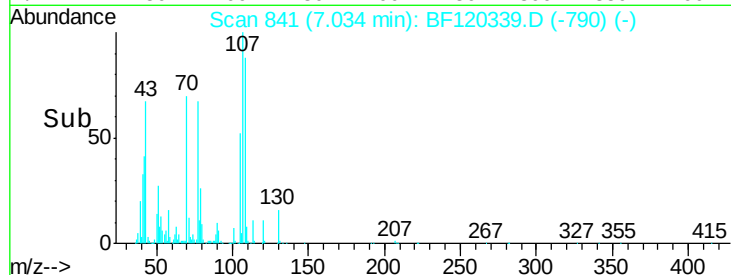
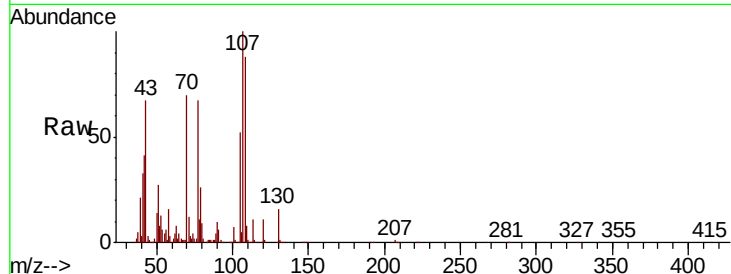
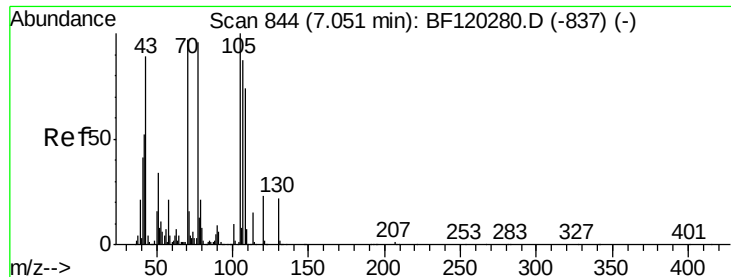
#18
Hexachloroethane
Concen: 40.035 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Tgt Ion:	117	Resp:	333361
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
201	91.9	74.9	112.3



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

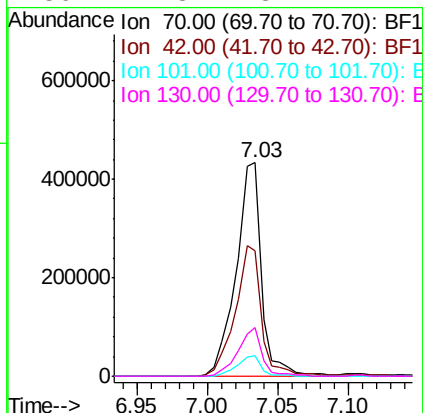




#19
n-Nitroso-di-n-propylamine
Concen: 38.864 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

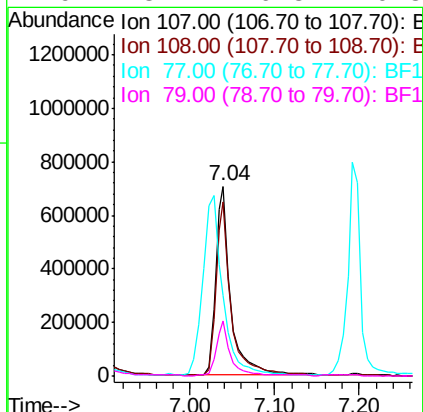
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

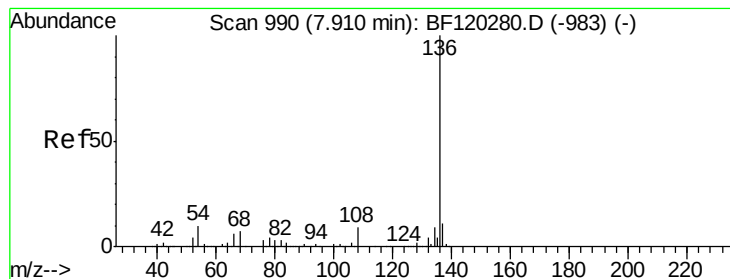
Tot Ion:	70	Resp:	547685
Ion	Ratio	Lower	Upper
70	100		
42	58.5	43.4	65.0
101	9.4	7.8	11.8
130	22.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 41.335 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Tgt Ion:	107	Resp:	899786
Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.1	111.1
77	42.6	28.1	68.1
79	28.7	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1279359

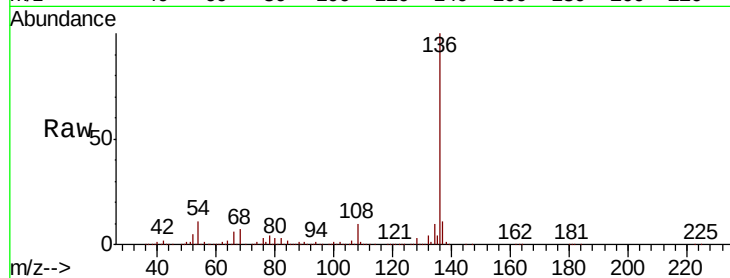
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 10.9 7.9 11.9

68 6.7 5.4 8.2

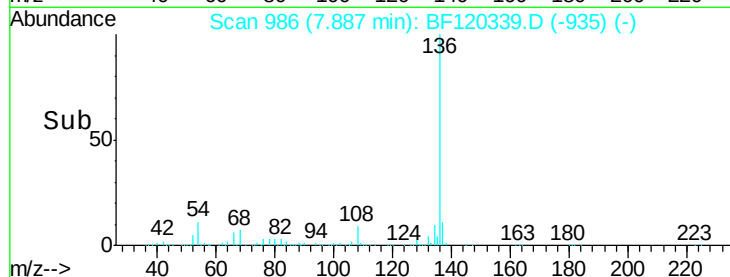


Abundance Ion 136.00 (135.70 to 136.70): E

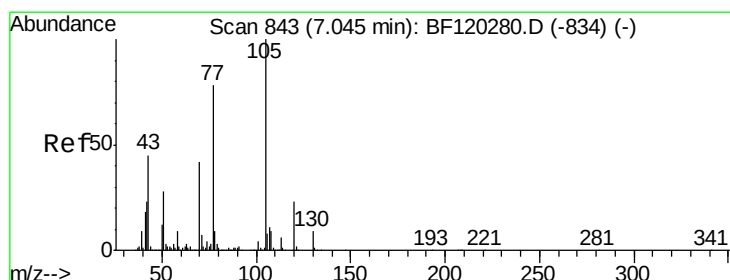
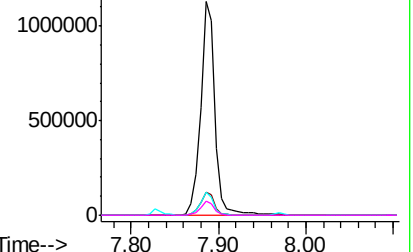
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 43.309 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Tgt Ion:105 Resp: 1135094

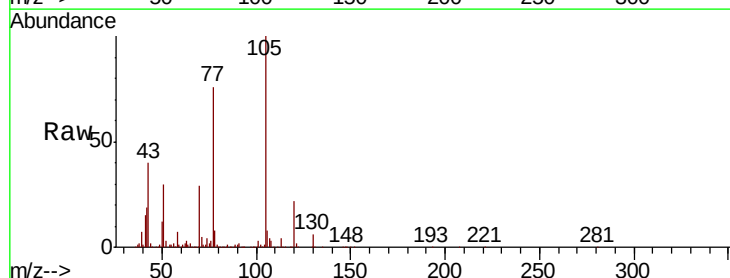
Ion Ratio Lower Upper

105 100

71 5.2 5.6 8.4#

51 30.2 22.6 34.0

120 22.2 18.7 28.1

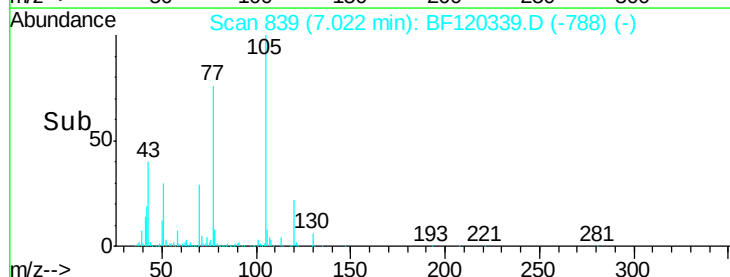


Abundance Ion 105.00 (104.70 to 105.70): E

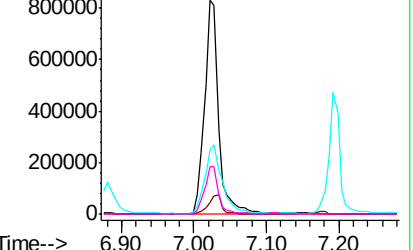
Ion 71.00 (70.70 to 71.70): BF1

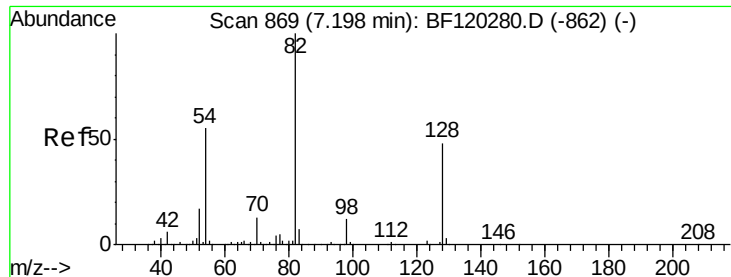
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

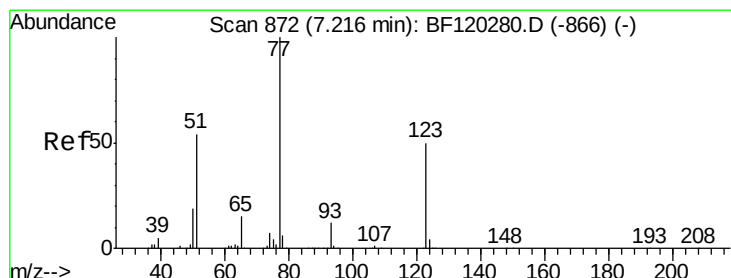
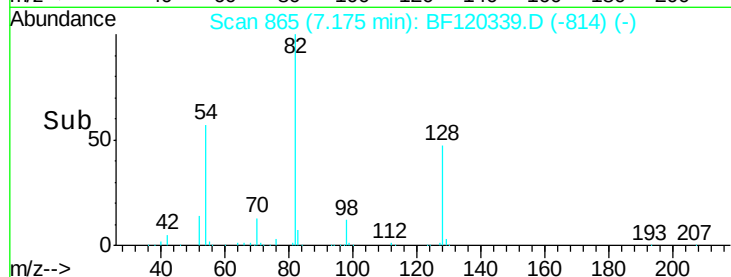
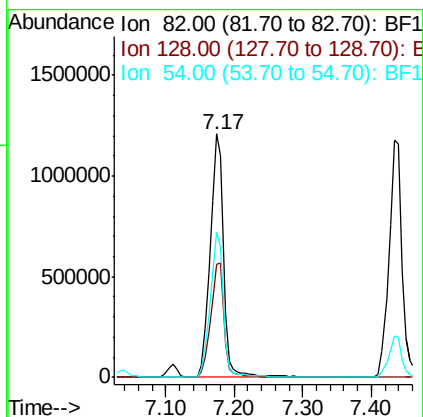
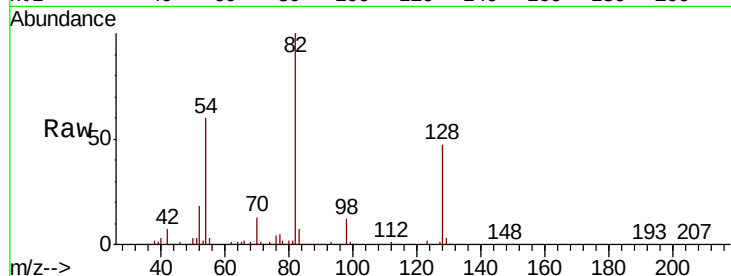




#23
Nitrobenzene-d5
Concen: 87.998 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

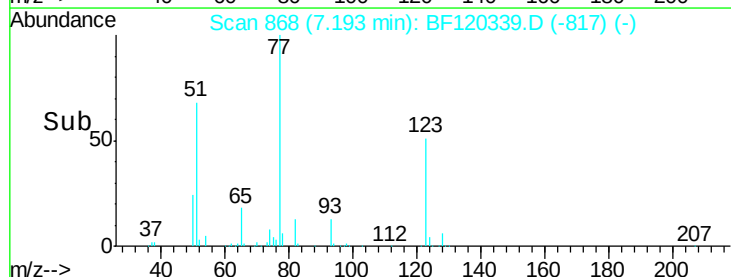
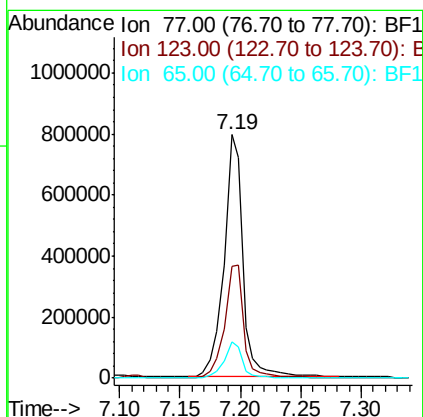
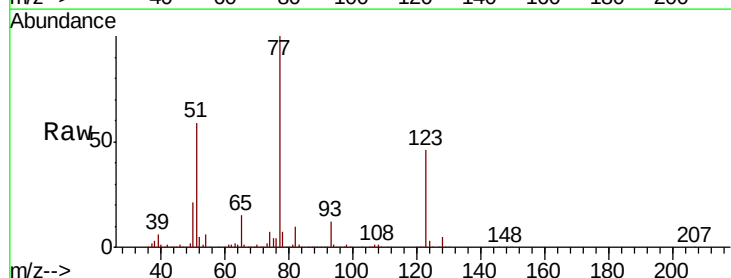
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

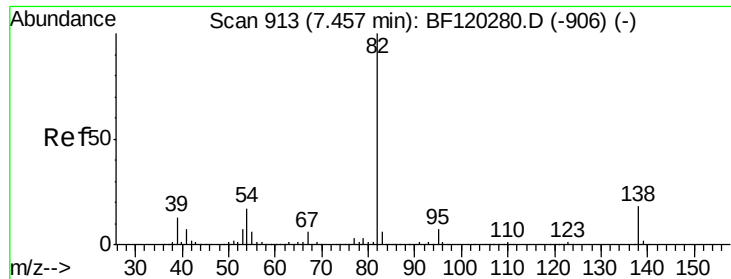
Tot Ion: 82 Resp: 1644327
Ion Ratio Lower Upper
82 100
128 46.6 38.3 57.5
54 59.5 43.9 65.9



#24
Nitrobenzene
Concen: 42.509 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Tgt Ion: 77 Resp: 854856
Ion Ratio Lower Upper
77 100
123 45.9 40.0 60.0
65 14.7 11.7 17.5





#25

Isophorone

Concen: 41.069 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

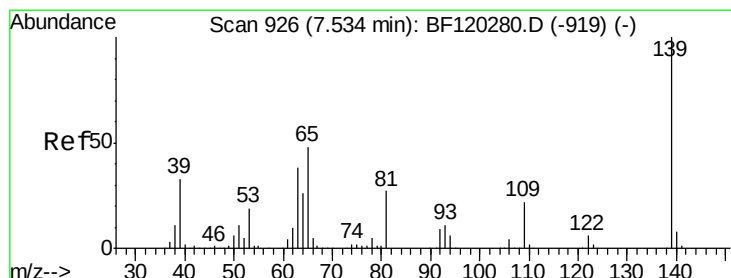
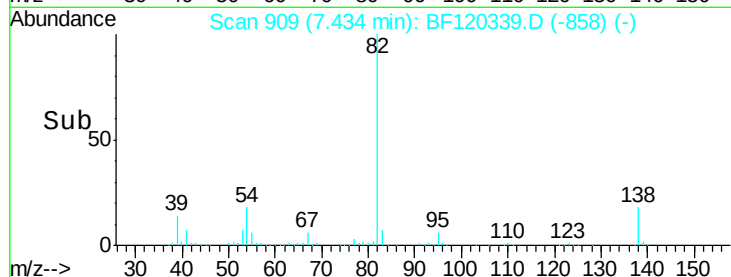
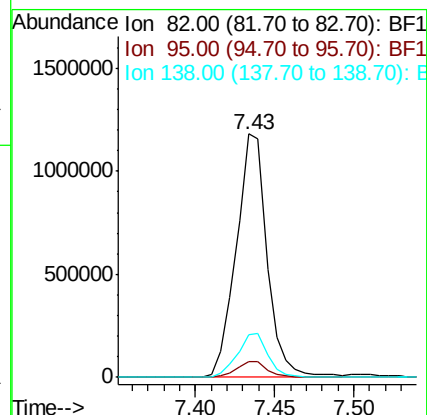
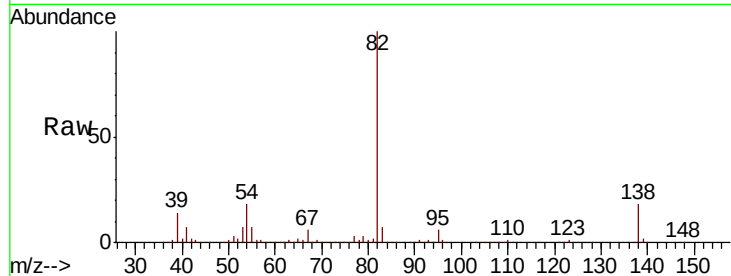
Tot Ion: 82 Resp: 1596731

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.0

138 17.7 14.7 22.1



#26

2-Nitrophenol

Concen: 42.962 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

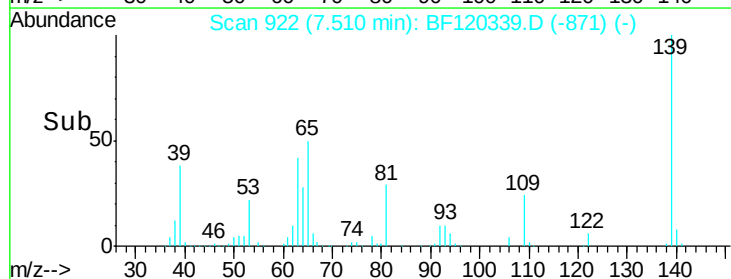
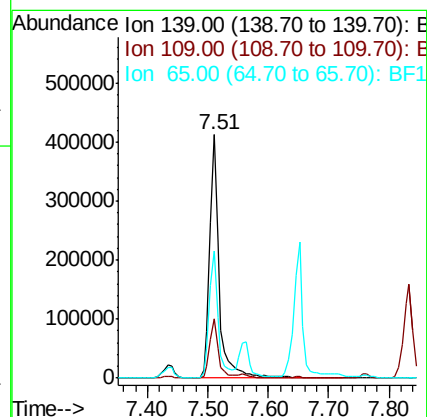
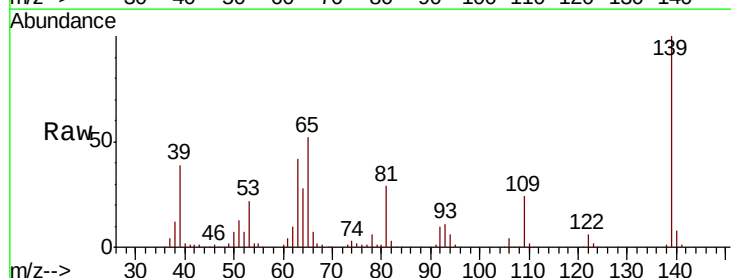
Tgt Ion: 139 Resp: 451855

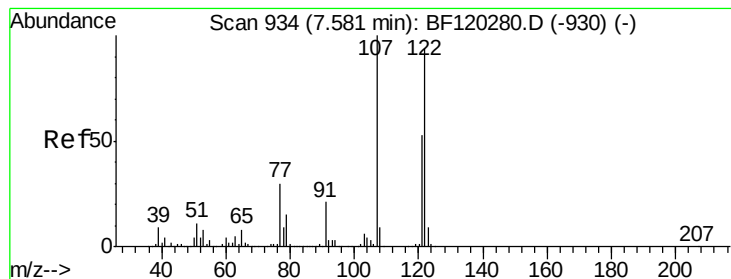
Ion Ratio Lower Upper

139 100

109 24.5 17.7 26.5

65 52.4 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 42.049 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

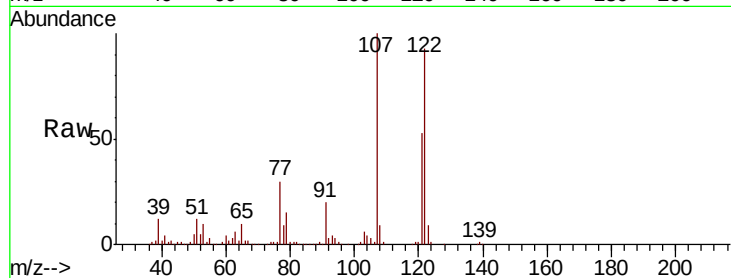
Tot Ion:122 Resp: 643330

Ion Ratio Lower Upper

122 100

107 108.0 85.0 127.6

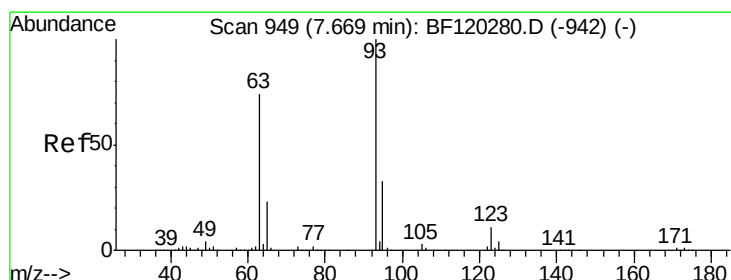
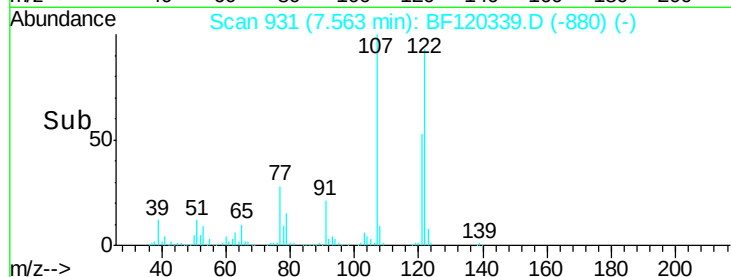
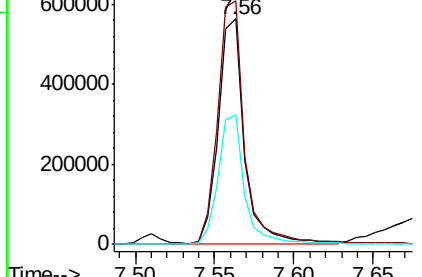
121 57.3 45.1 67.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.986 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

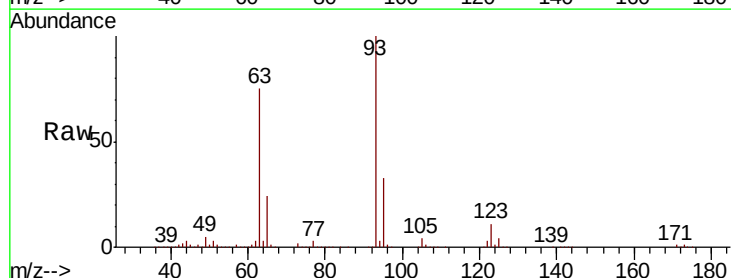
Tgt Ion: 93 Resp: 1001606

Ion Ratio Lower Upper

93 100

95 33.5 26.8 40.2

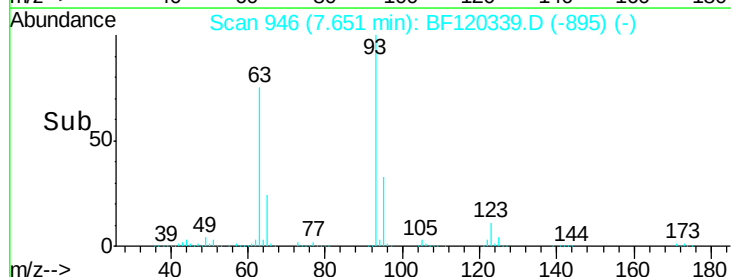
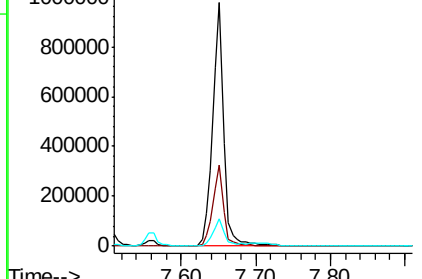
123 11.3 9.2 13.8

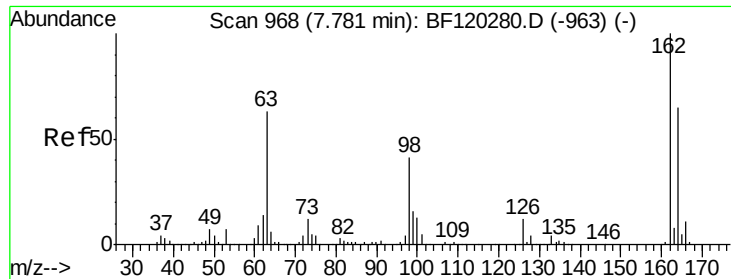


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

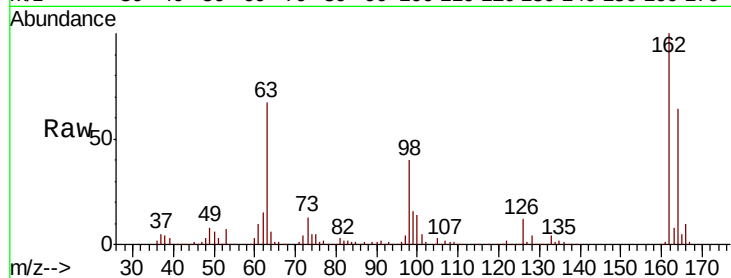




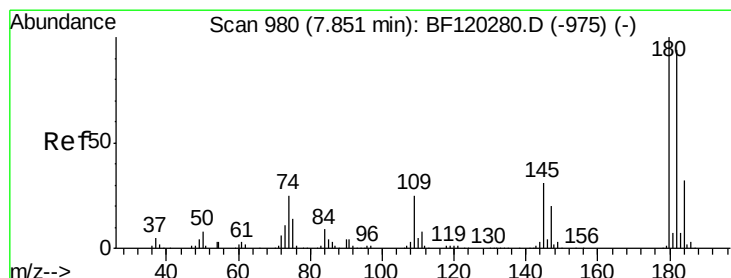
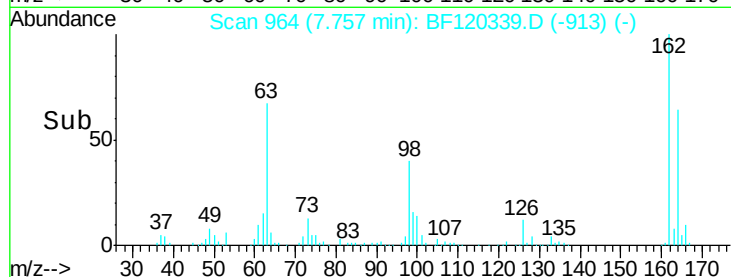
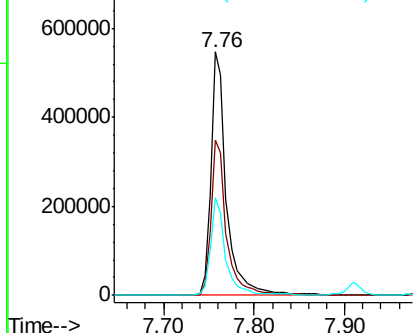
#29
 2,4-Dichlorophenol
 Concen: 41.858 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 657733
 Ion Ratio Lower Upper
 162 100
 164 63.6 44.9 84.9
 98 40.1 20.7 60.7

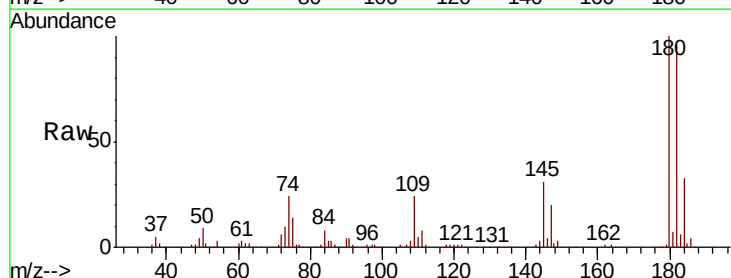


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

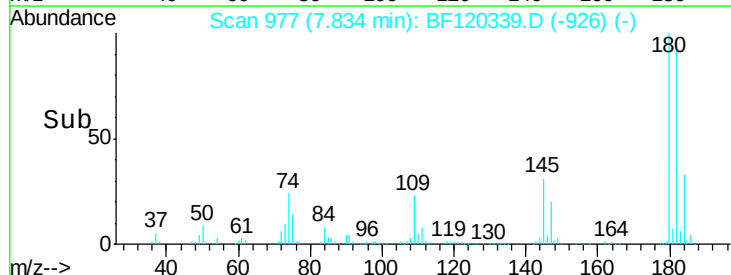
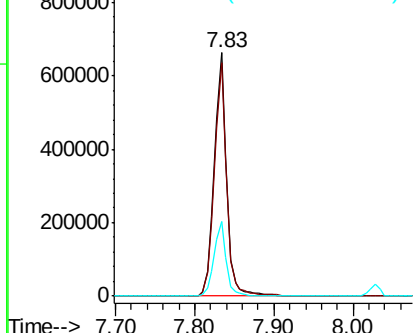


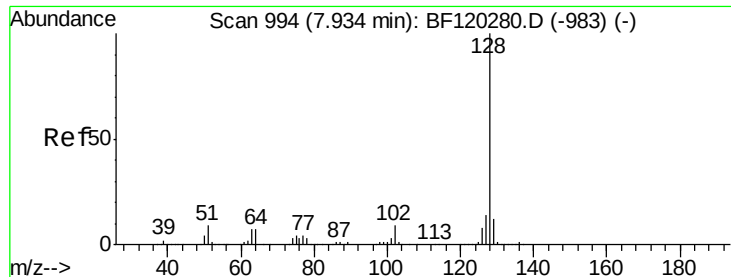
#30
 1,2,4-Trichlorobenzene
 Concen: 41.387 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

Tgt Ion:180 Resp: 720662
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.3 112.9
 145 30.7 24.9 37.3



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

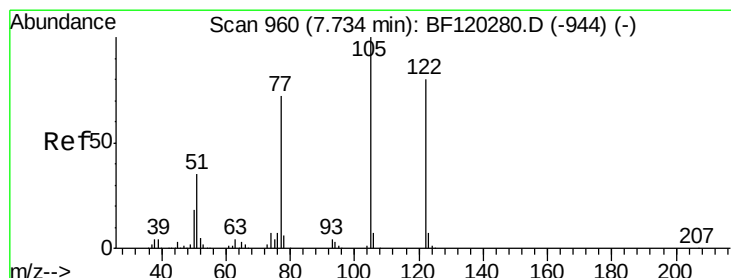
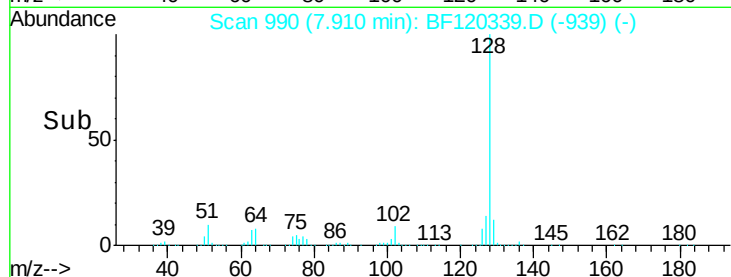
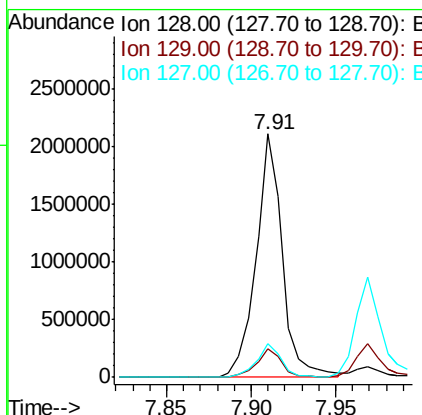
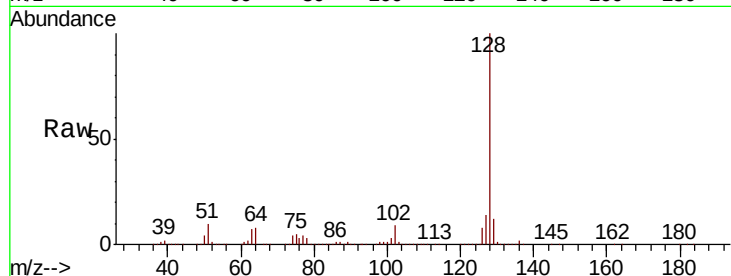




#31
Naphthalene
Concen: 42.168 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

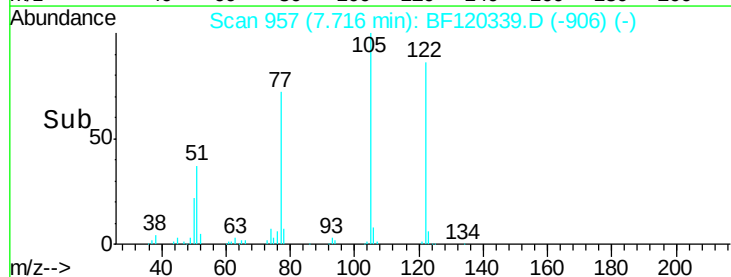
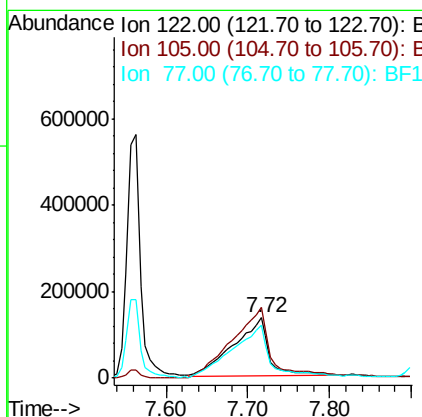
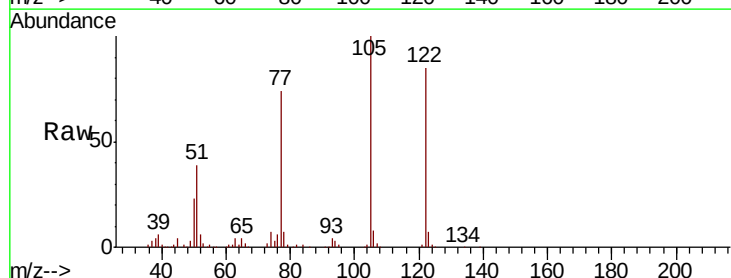
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

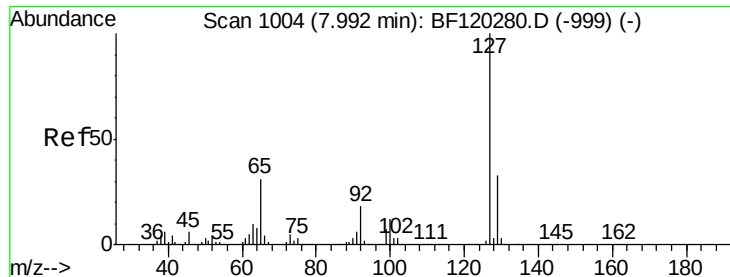
Tot Ion:128 Resp: 2276860
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.7 11.2 16.8



#32
Benzoic acid
Concen: 41.708 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Tgt Ion:122 Resp: 418271
Ion Ratio Lower Upper
122 100
105 117.2 98.1 138.1
77 87.2 66.7 106.7

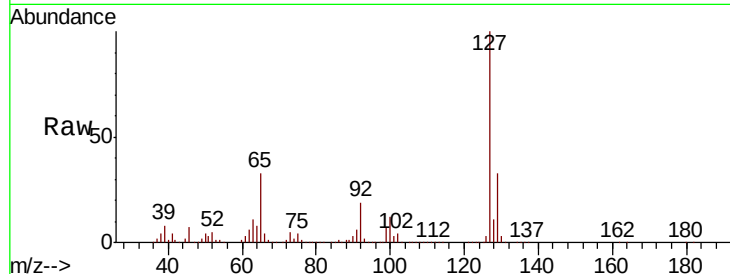




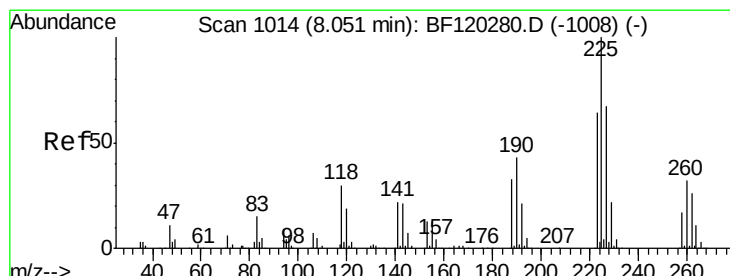
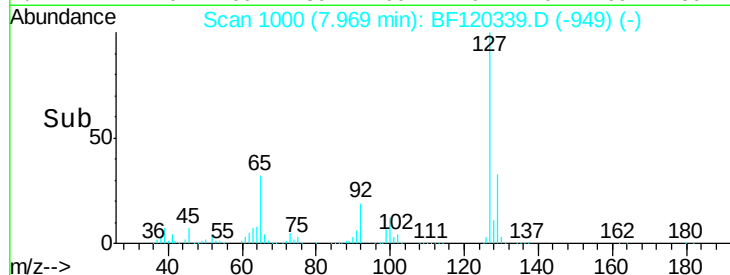
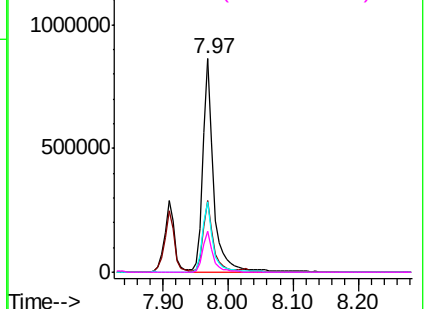
#33
4-Chloroaniline
Concen: 40.526 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	997208
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.4	39.6
65	33.0	24.8	37.2
92	19.0	14.5	21.7

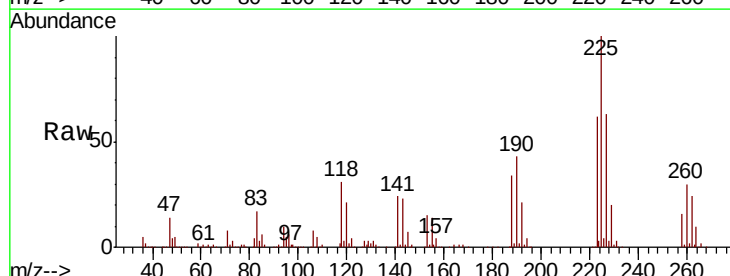


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

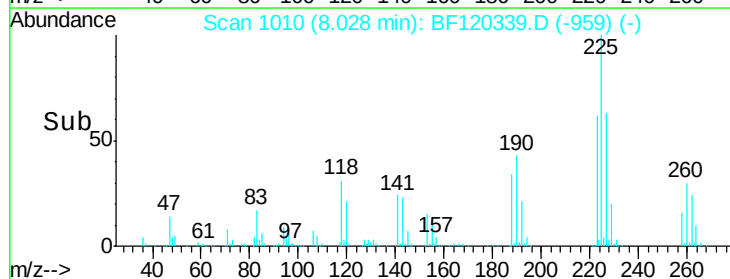
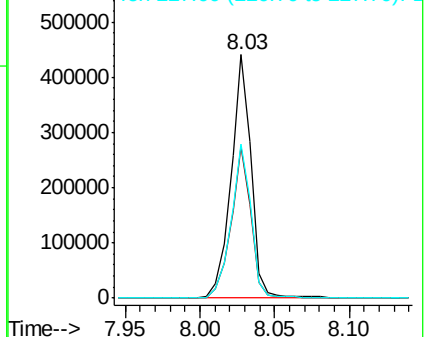


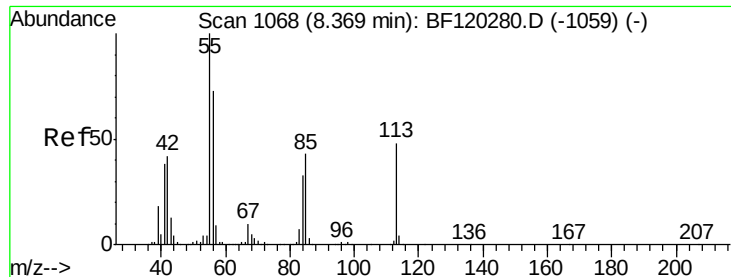
#34
Hexachlorobutadiene
Concen: 41.585 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Tgt Ion:	225	Resp:	418539
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.4	77.0
227	63.3	54.0	81.0



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: 40.058 ng

RT: 8.36 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

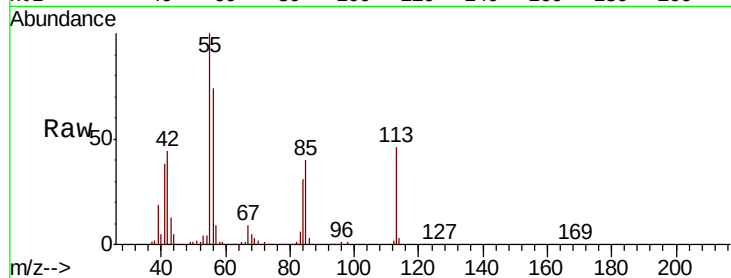
Tot Ion:113 Resp: 205925

Ion Ratio Lower Upper

113 100

55 218.8 190.4 230.4

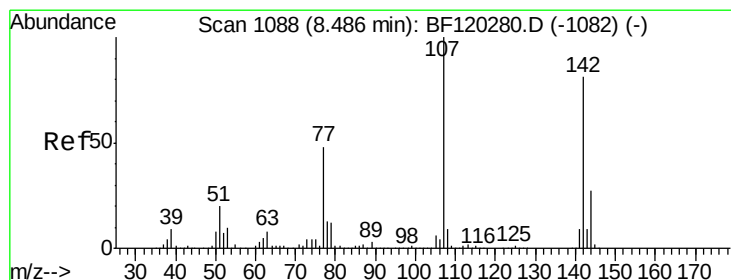
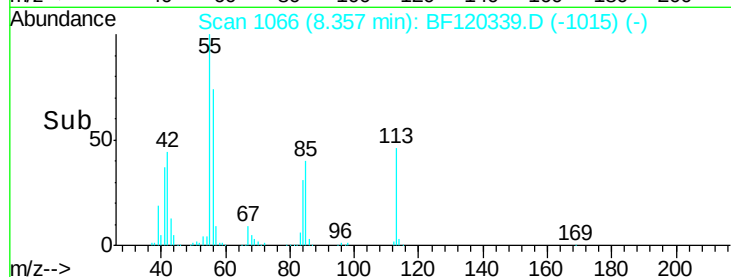
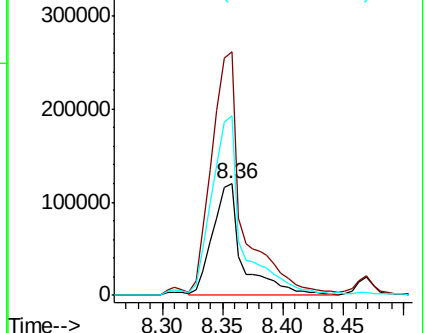
56 161.2 132.7 172.7



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: 41.386 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

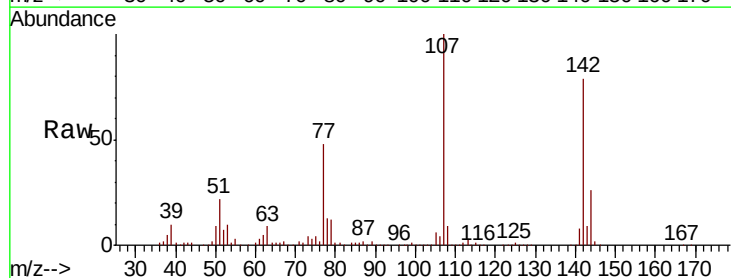
Tgt Ion:107 Resp: 703502

Ion Ratio Lower Upper

107 100

144 25.6 21.4 32.2

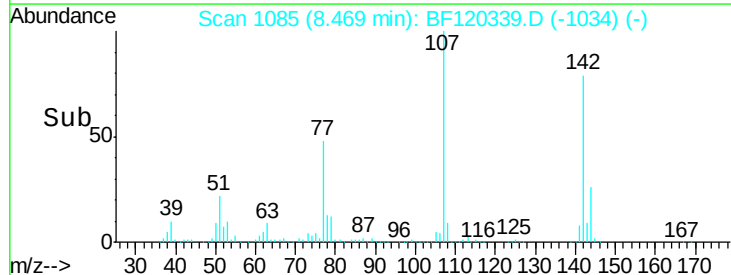
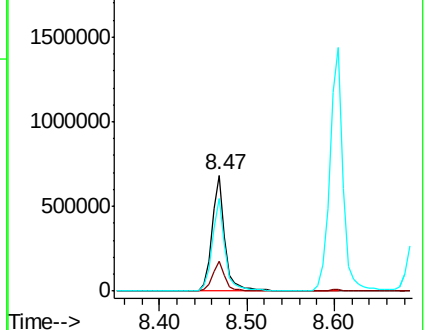
142 79.5 65.1 97.7

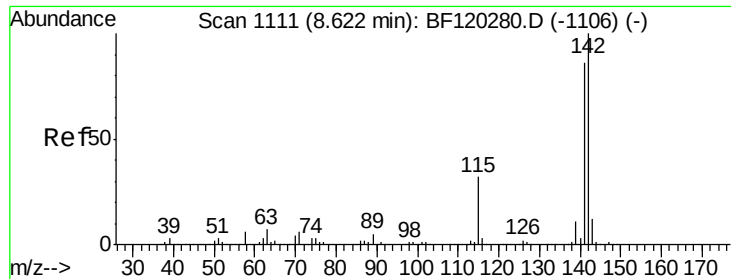


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

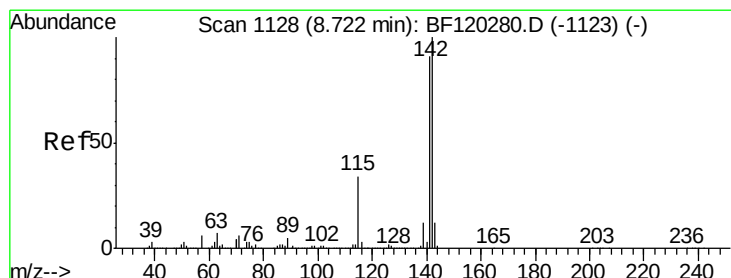
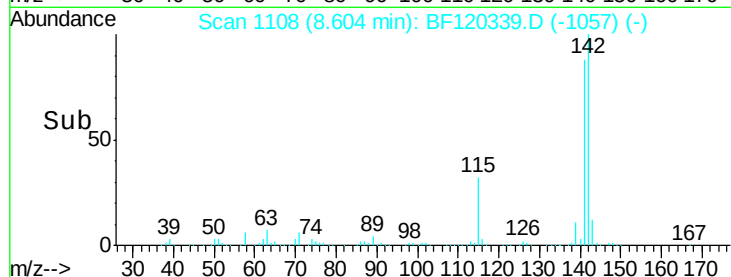
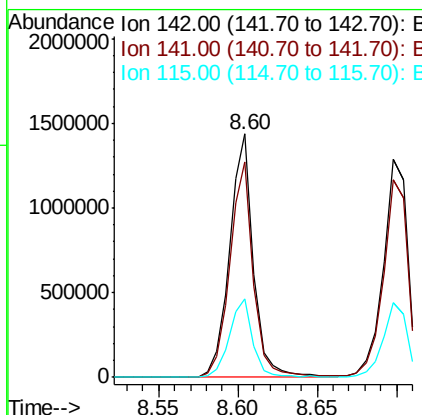
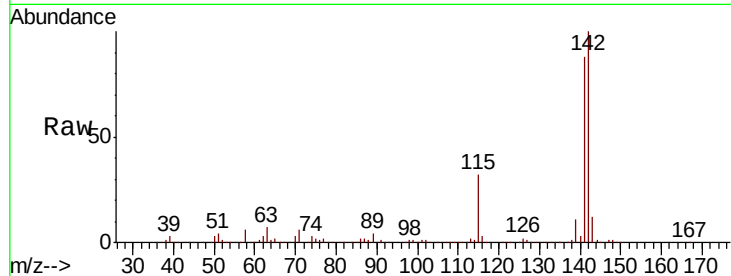




#37
2-Methylnaphthalene
Concen: 40.369 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

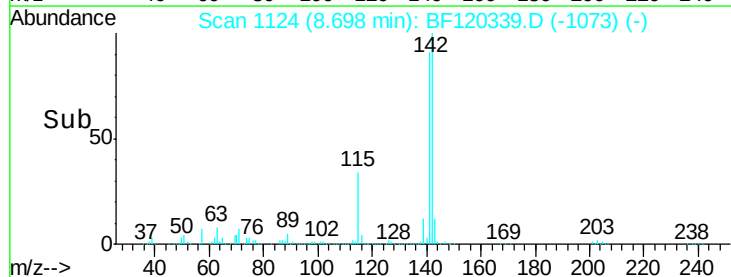
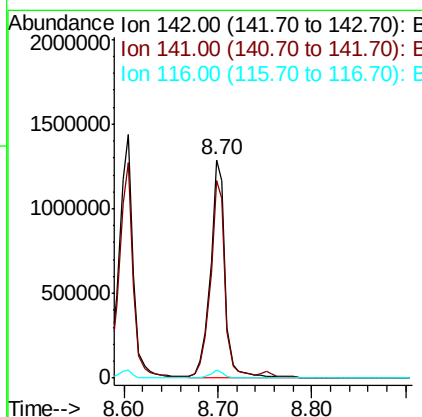
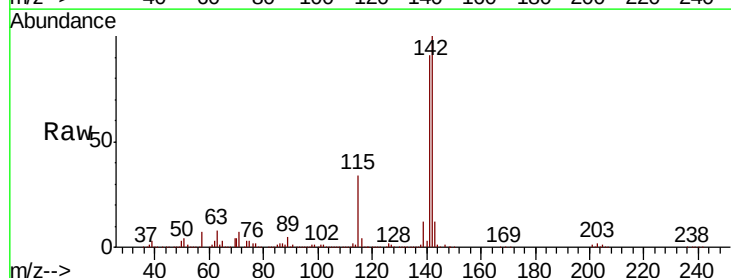
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

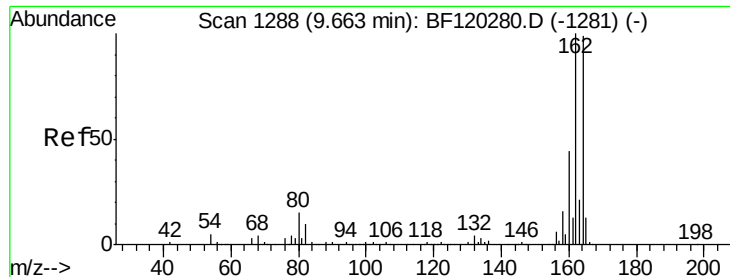
Tot Ion:142 Resp: 1491641
Ion Ratio Lower Upper
142 100
141 88.5 68.8 103.2
115 32.5 25.7 38.5



#38
1-Methylnaphthalene
Concen: 40.086 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Tgt Ion:142 Resp: 1436563
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.6
116 3.7 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

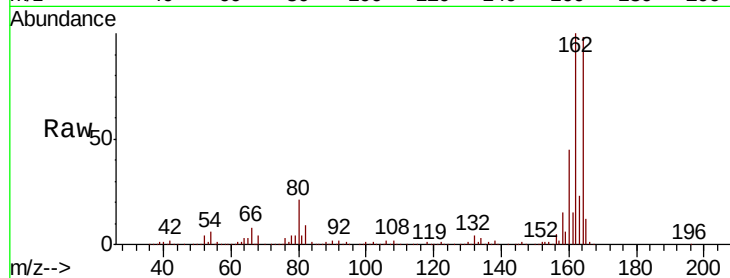
Tot Ion:164 Resp: 649383

Ion Ratio Lower Upper

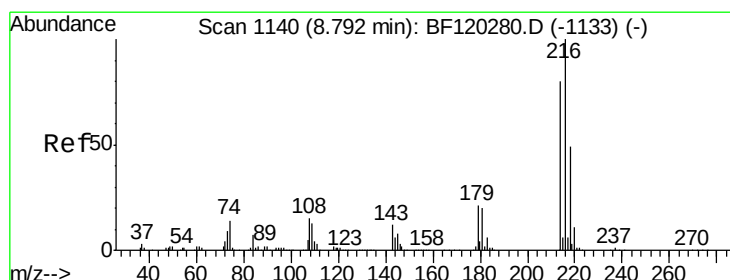
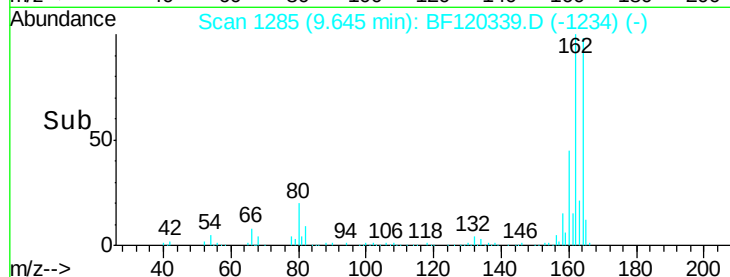
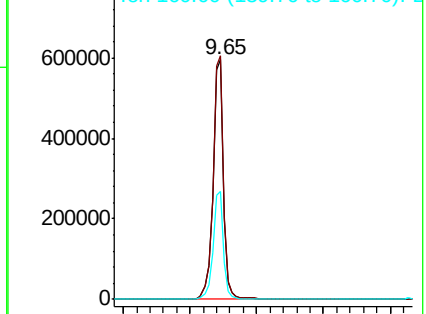
164 100

162 101.6 81.2 121.8

160 45.3 35.8 53.6



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: 40.960 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Tgt Ion:216 Resp: 670696

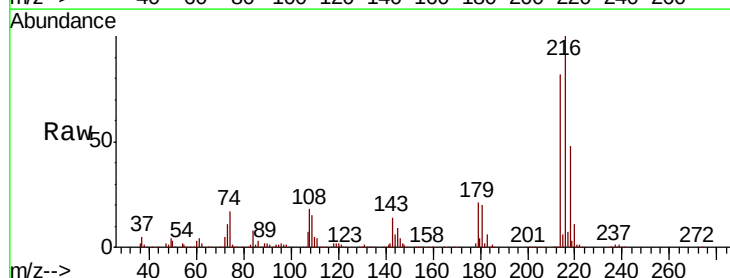
Ion Ratio Lower Upper

216 100

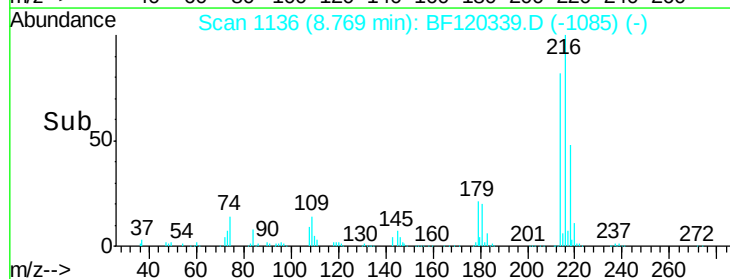
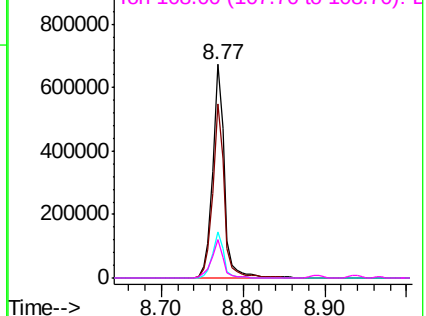
214 80.6 64.0 96.0

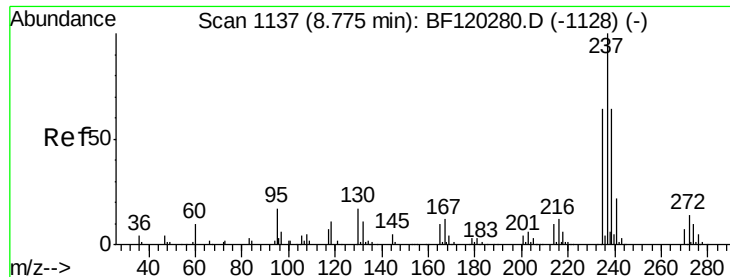
179 21.0 16.9 25.3

108 17.7 14.2 21.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.823 ng

RT: 8.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

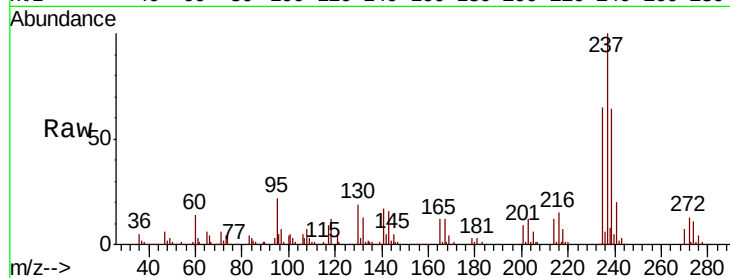
Tot Ion:237 Resp: 222381

Ion Ratio Lower Upper

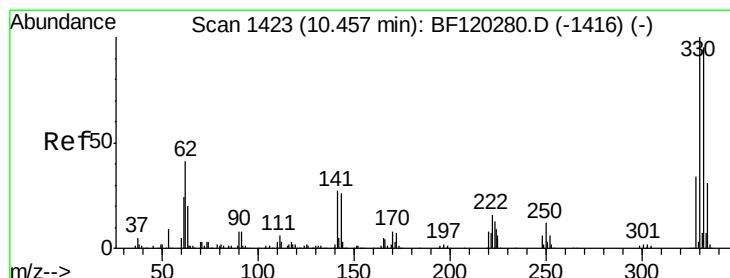
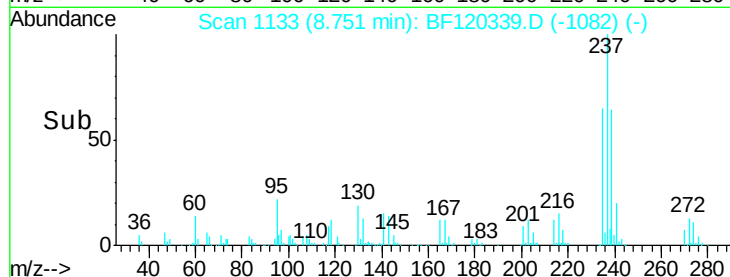
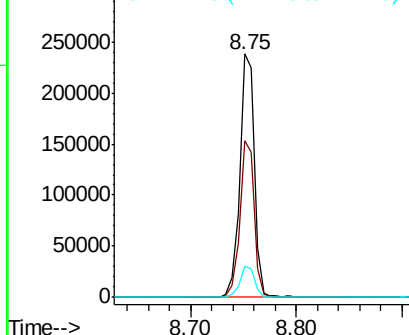
237 100

235 64.5 43.8 83.8

272 12.7 0.0 33.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.214 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

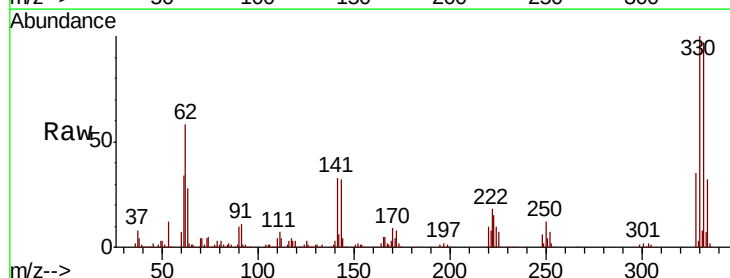
Tgt Ion:330 Resp: 440596

Ion Ratio Lower Upper

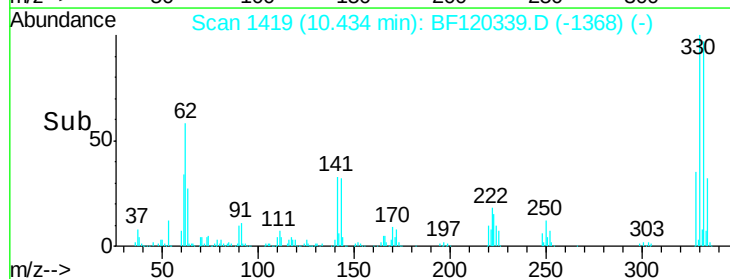
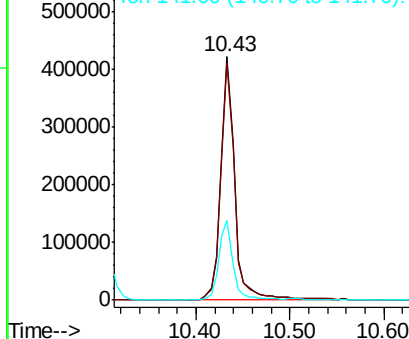
330 100

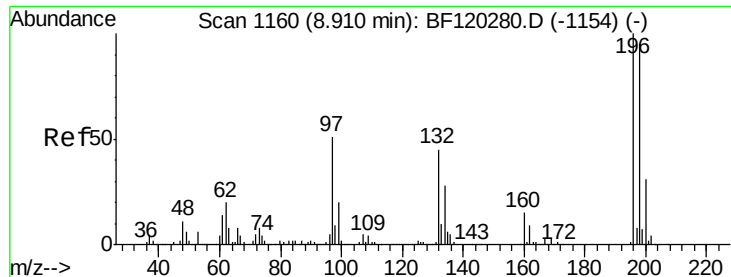
332 98.1 76.5 114.7

141 33.0 25.4 38.0



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

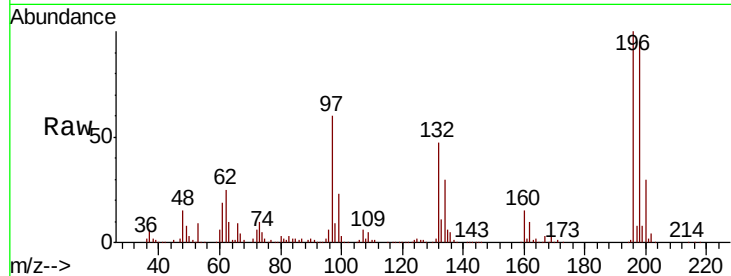




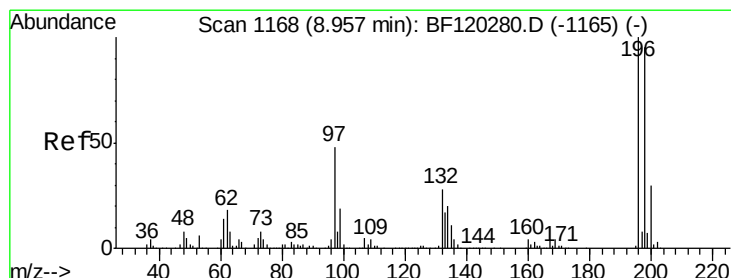
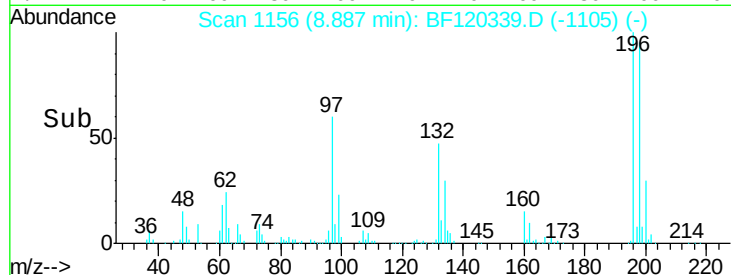
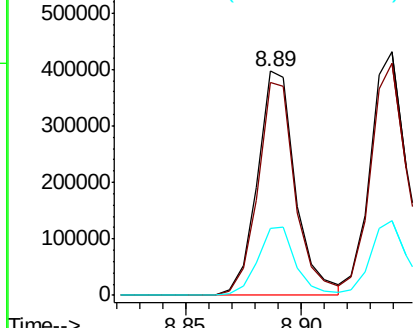
#43
 2,4,6-Trichlorophenol
 Concen: 41.499 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:196 Resp: 456122
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.2 114.4
 200 30.2 24.9 37.3

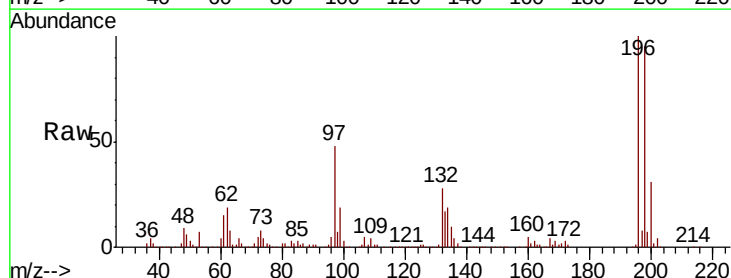


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

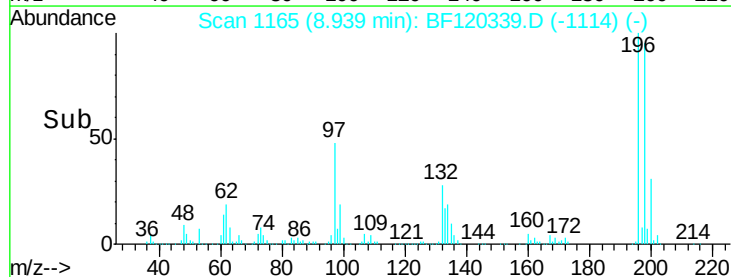
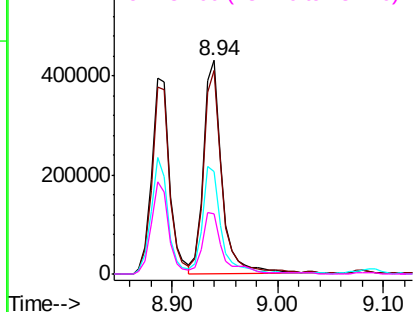


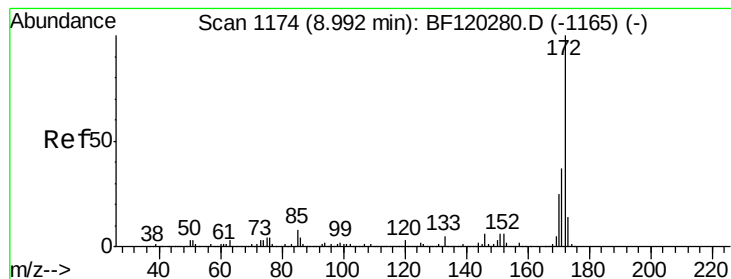
#44
 2,4,5-Trichlorophenol
 Concen: 41.042 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

Tgt Ion:196 Resp: 518062
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.2 114.4
 97 47.7 38.6 57.8
 132 28.0 23.2 34.8



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



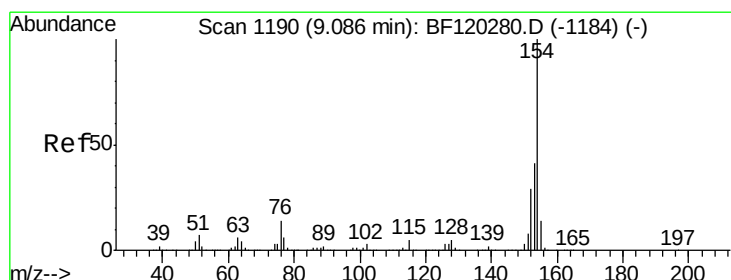
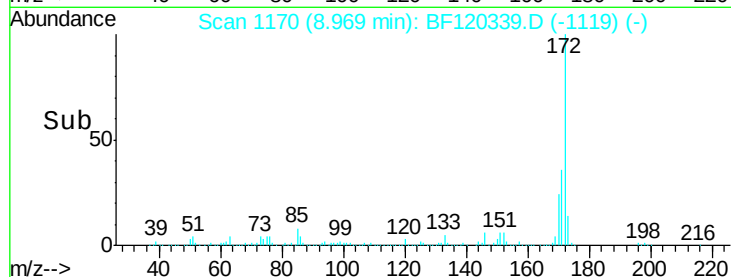
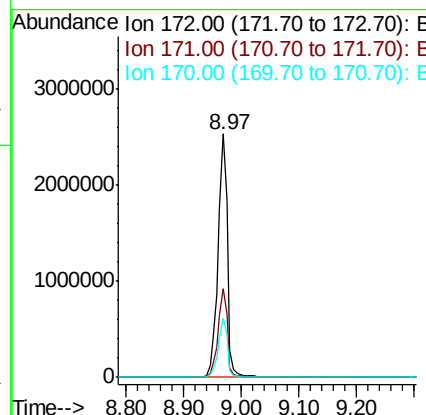
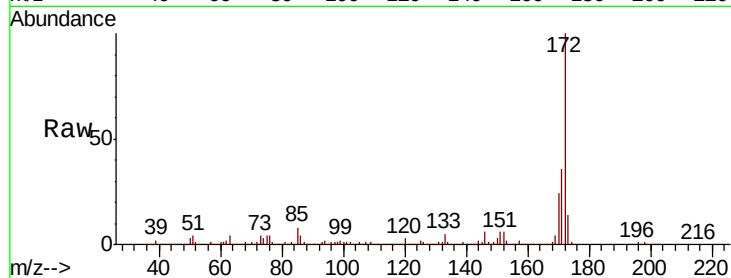


#45
 2-Fluorobiphenyl
 Concen: 90.587 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 2863301

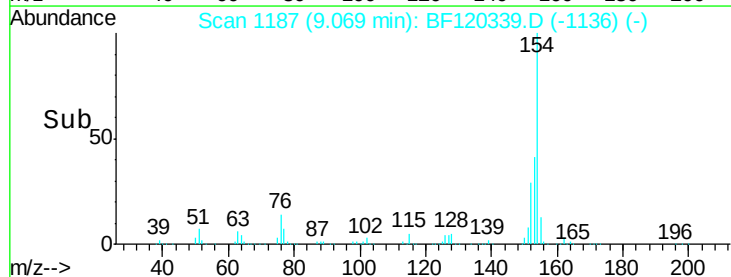
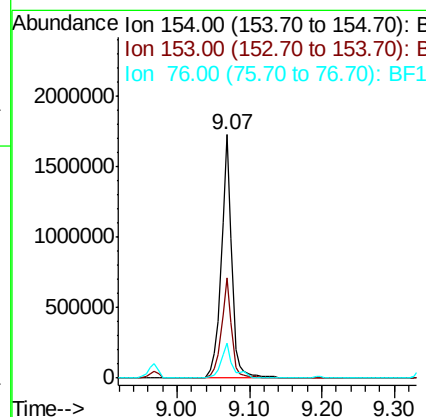
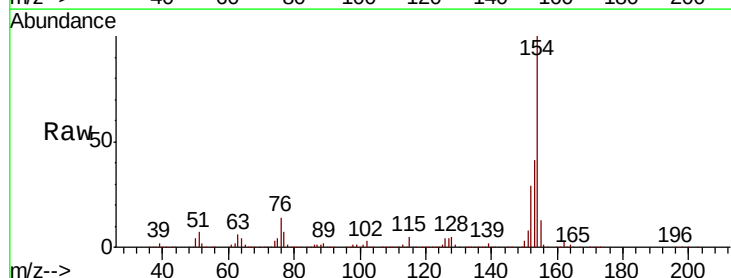
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.9	29.9

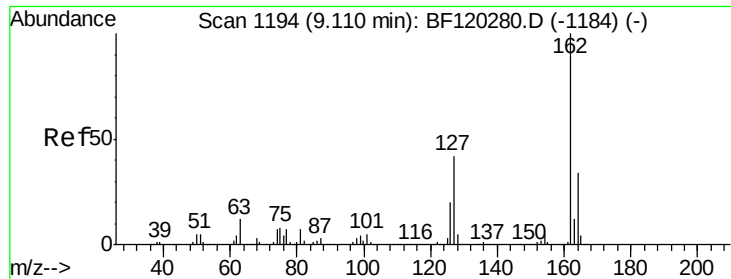


#46
 1,1'-Biphenyl
 Concen: 41.119 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

Tgt Ion:154 Resp: 1749565

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.8	60.8
76	14.4	0.0	34.3

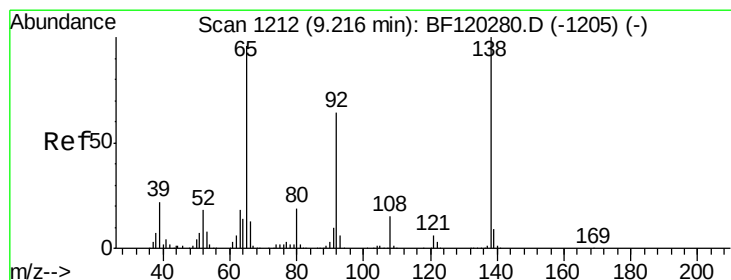
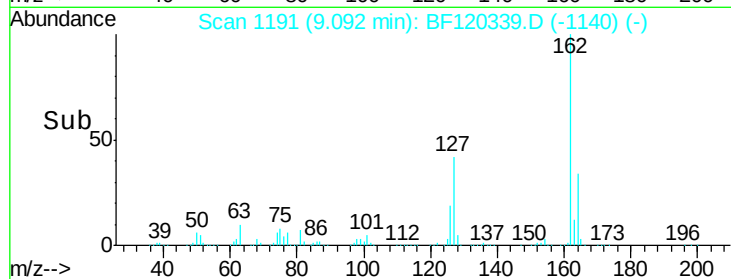
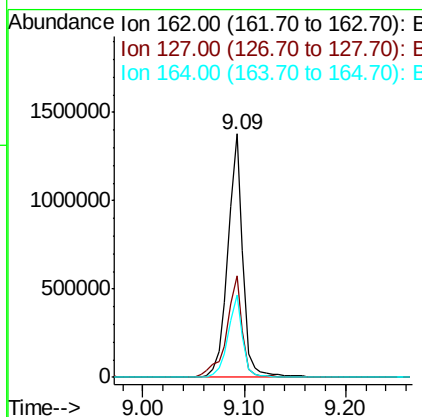
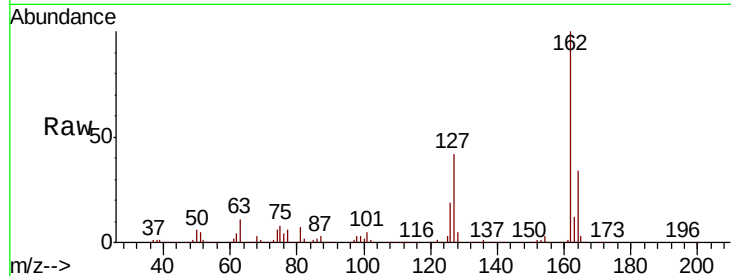




#47
 2-Chloronaphthalene
 Concen: 41.569 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

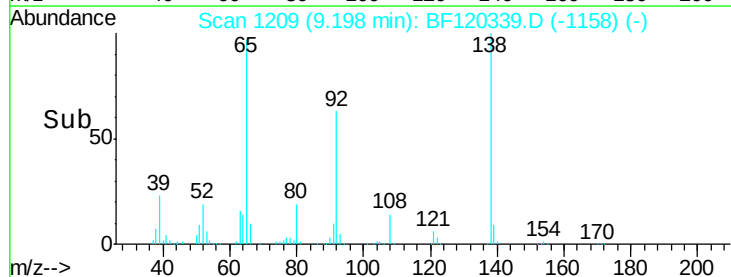
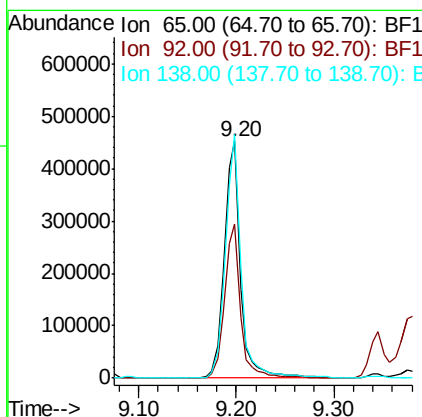
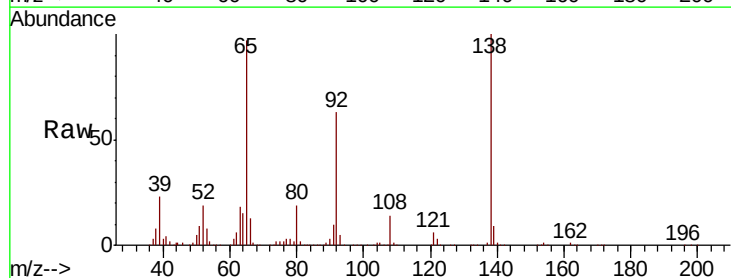
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

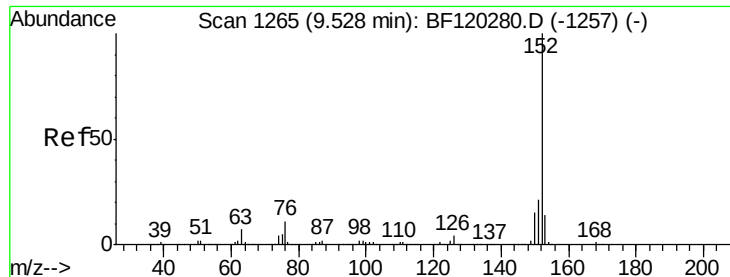
Tot Ion:162 Resp: 1418768
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.4 50.0
 164 33.8 27.0 40.6



#48
 2-Nitroaniline
 Concen: 41.618 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

Tgt Ion: 65 Resp: 518257
 Ion Ratio Lower Upper
 65 100
 92 65.3 52.9 79.3
 138 102.9 83.0 124.4





#49

Acenaphthylene

Concen: 41.138 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

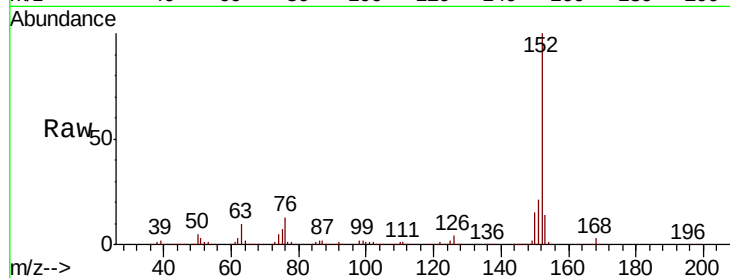
Tot Ion:152 Resp: 2144730

Ion Ratio Lower Upper

152 100

151 21.0 16.6 25.0

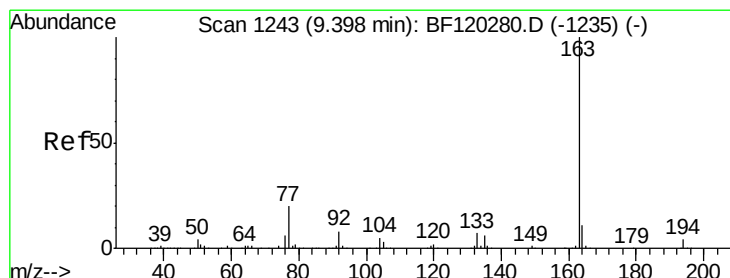
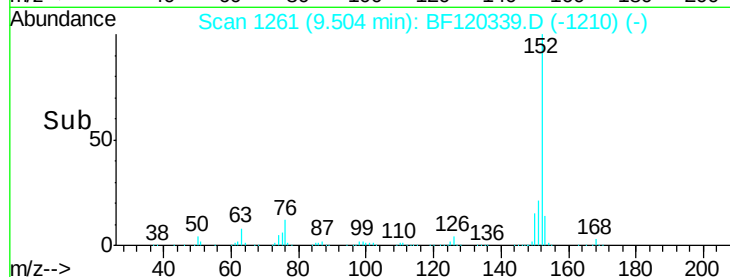
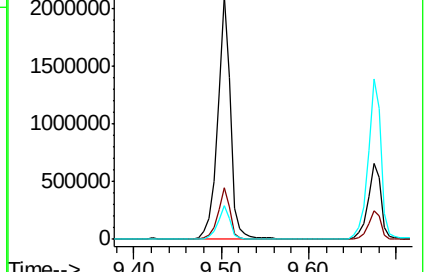
153 13.9 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.531 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

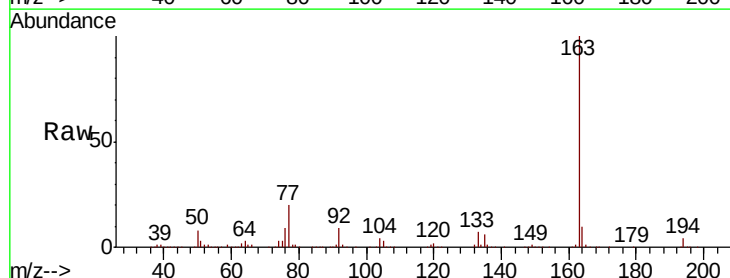
Tgt Ion:163 Resp: 1622761

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

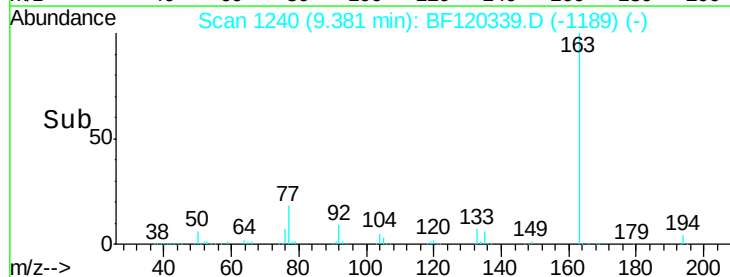
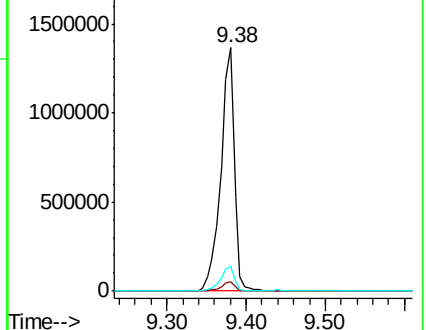
164 10.1 8.6 12.8

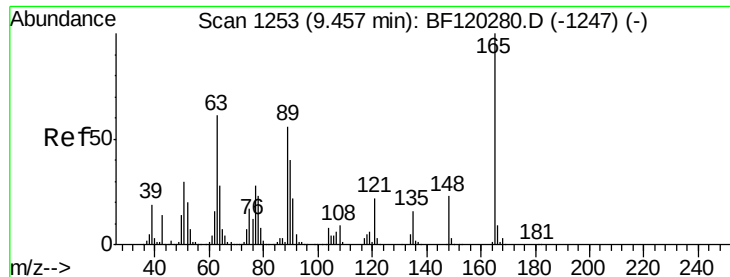


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

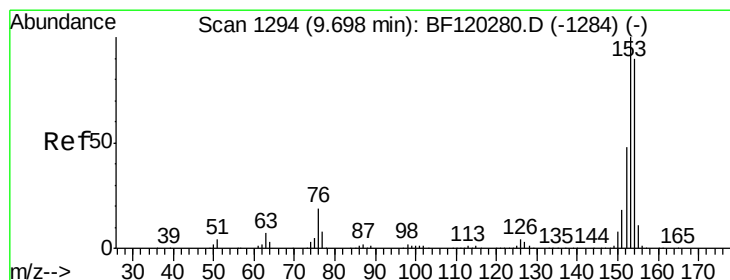
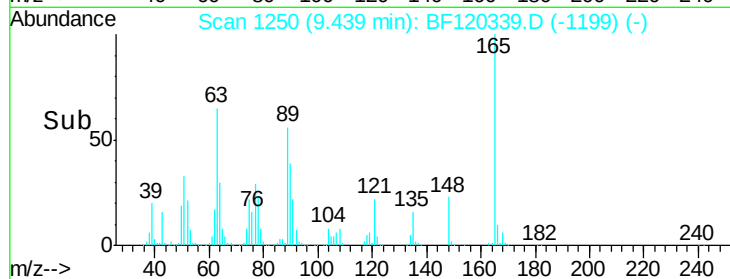
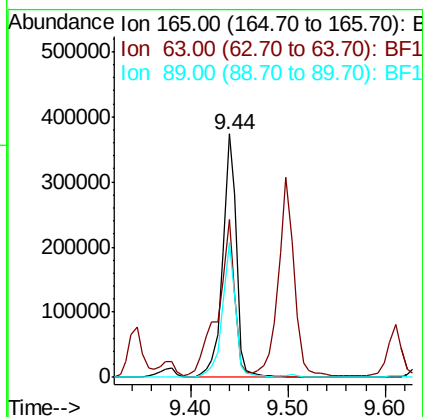
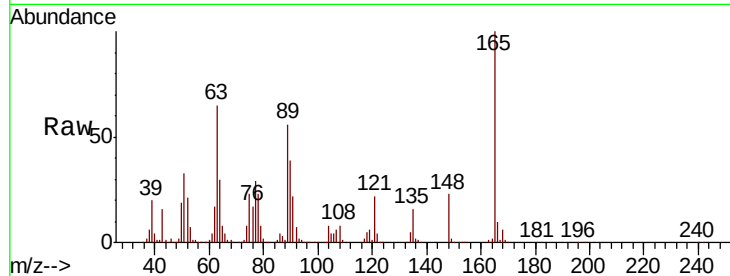




#51
 2,6-Dinitrotoluene
 Concen: 39.958 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

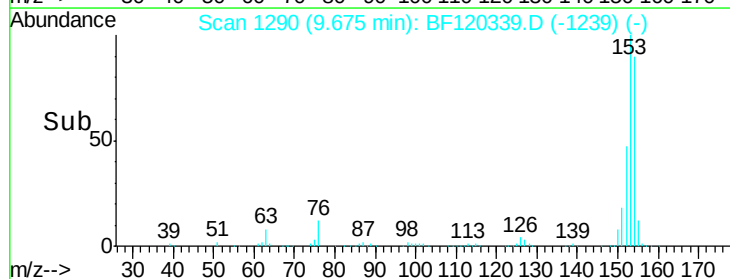
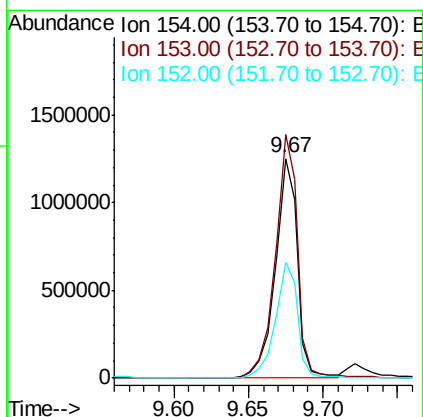
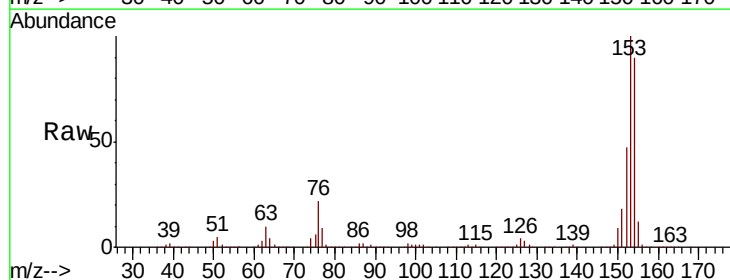
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

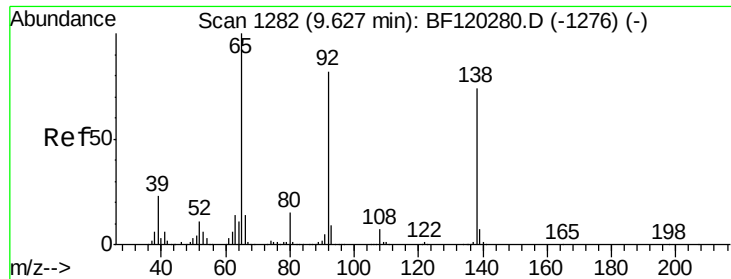
Tot Ion:165 Resp: 366097
 Ion Ratio Lower Upper
 165 100
 63 65.1 50.2 75.2
 89 55.6 44.6 66.8



#52
 Acenaphthene
 Concen: 41.279 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

Tgt Ion:154 Resp: 1289988
 Ion Ratio Lower Upper
 154 100
 153 110.7 89.0 133.4
 152 52.6 42.6 64.0

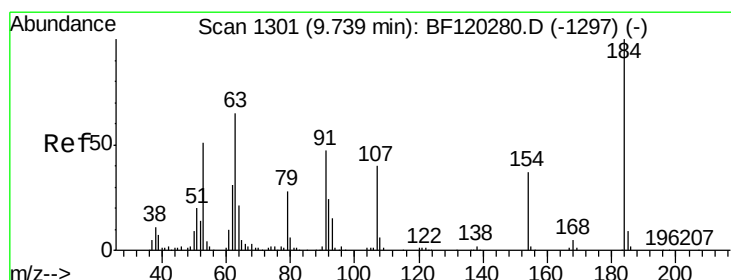
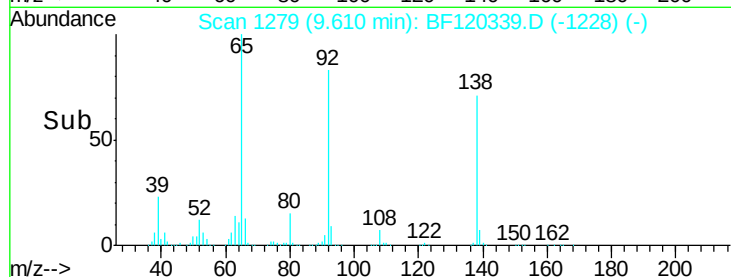
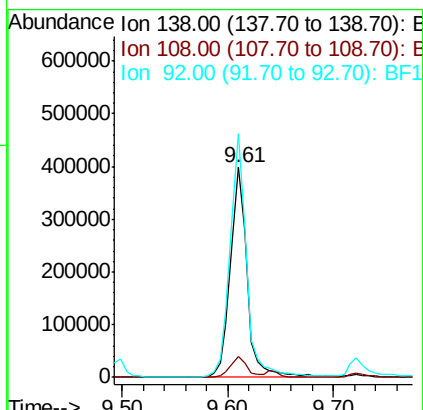
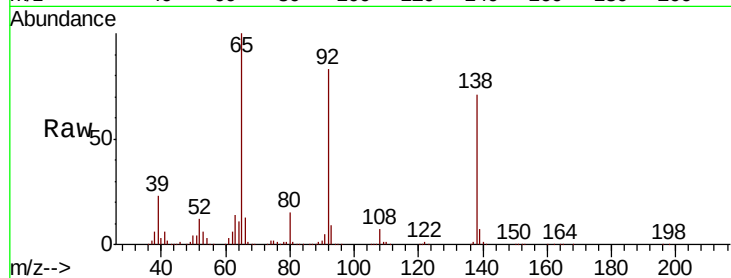




#53
 3-Nitroaniline
 Concen: 40.289 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

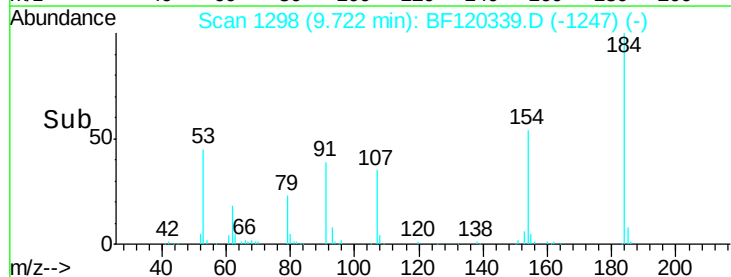
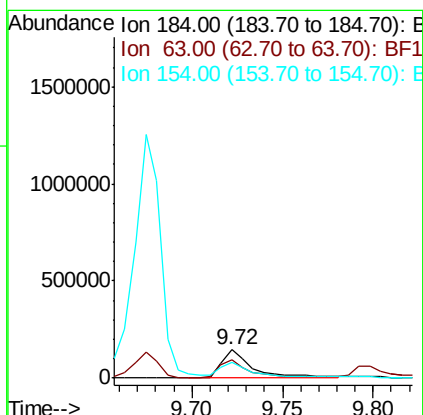
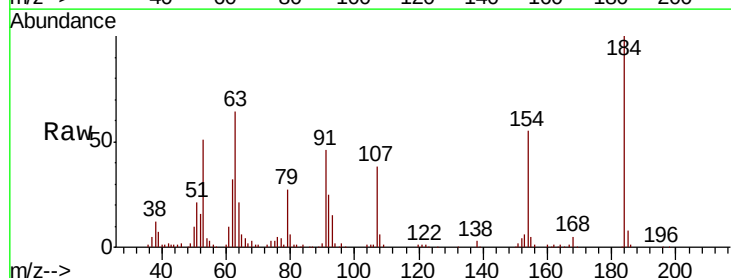
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

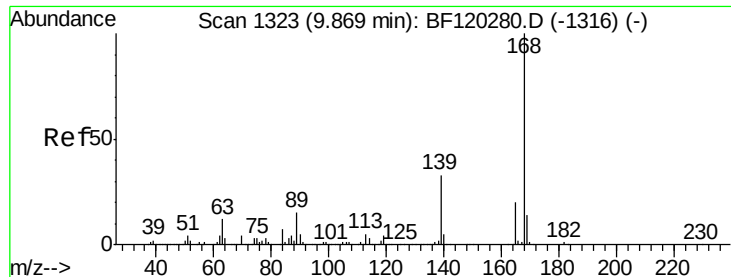
Tot Ion:138 Resp: 440196
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.2 12.2
 92 115.9 89.6 134.4



#54
 2,4-Dinitrophenol
 Concen: 41.049 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

Tgt Ion:184 Resp: 177526
 Ion Ratio Lower Upper
 184 100
 63 63.7 53.6 80.4
 154 54.8 46.8 70.2

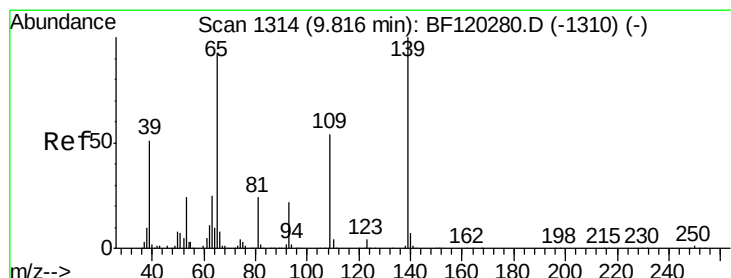
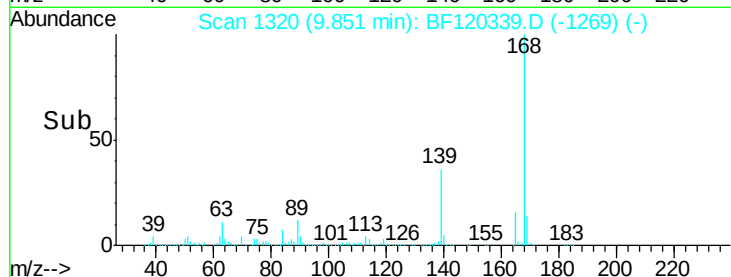
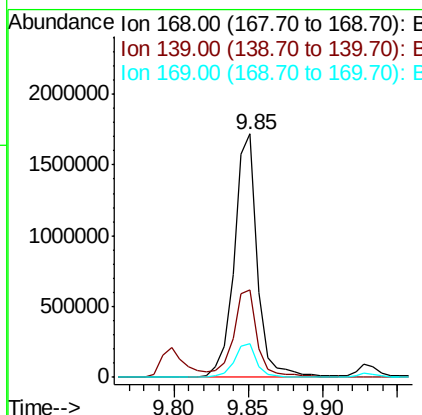
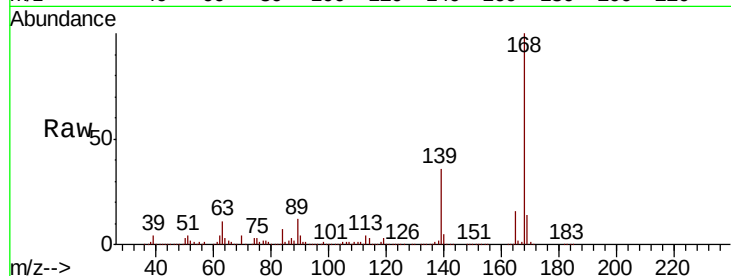




#55
Dibenzofuran
Concen: 41.663 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

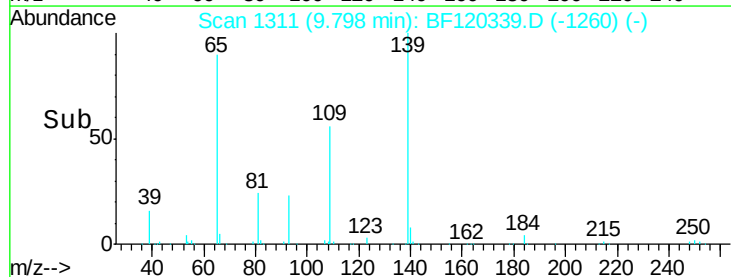
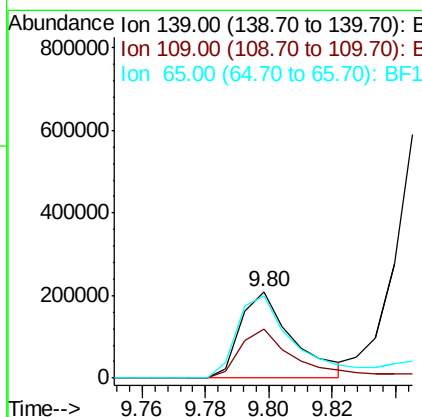
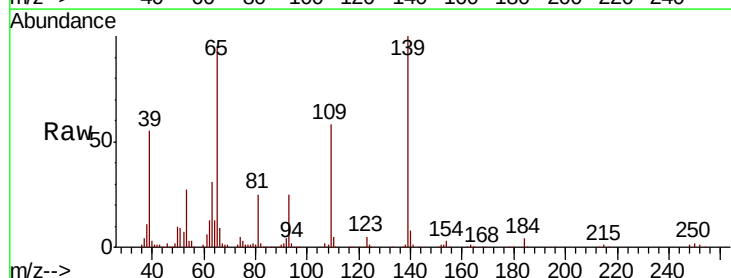
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

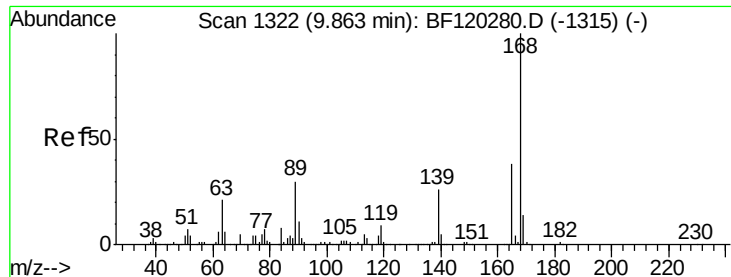
Tot Ion:168 Resp: 1874941
Ion Ratio Lower Upper
168 100
139 36.0 29.8 44.6
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 40.794 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Tgt Ion:139 Resp: 239489
Ion Ratio Lower Upper
139 100
109 57.5 34.6 74.6
65 95.1 73.3 113.3

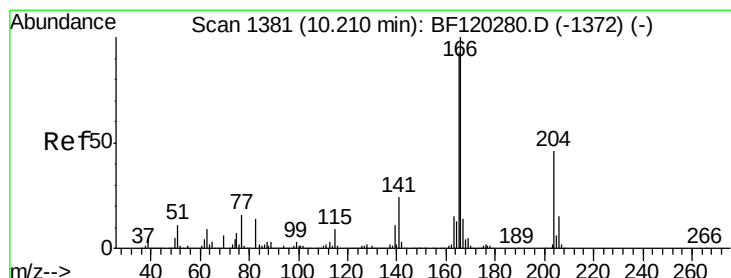
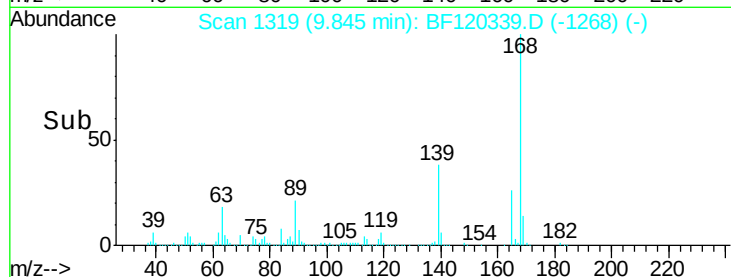
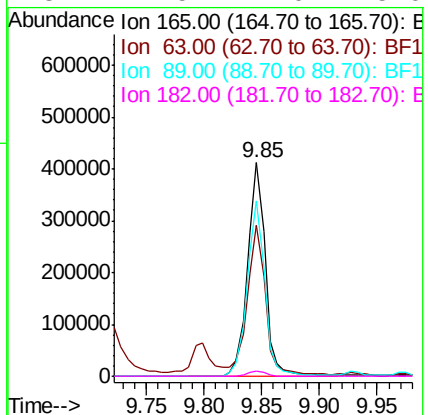
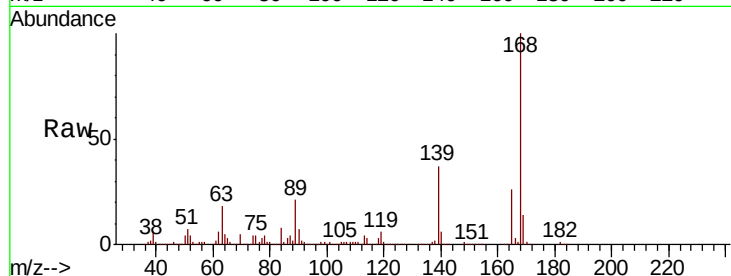




#57
 2,4-Dinitrotoluene
 Concen: 41.131 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

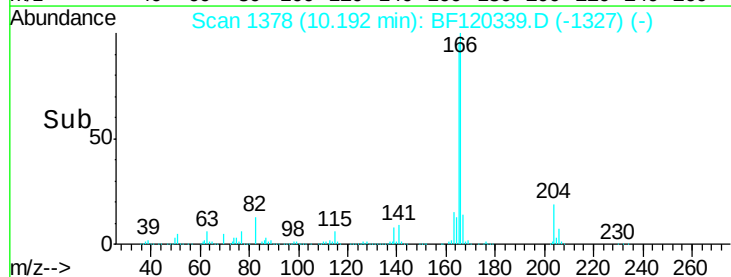
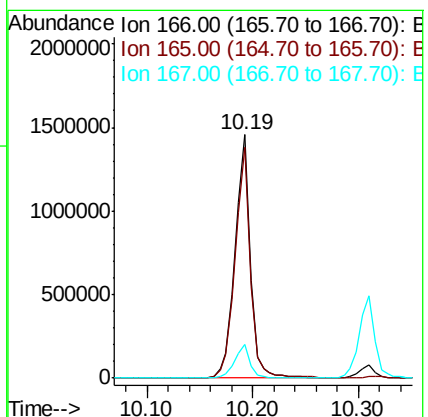
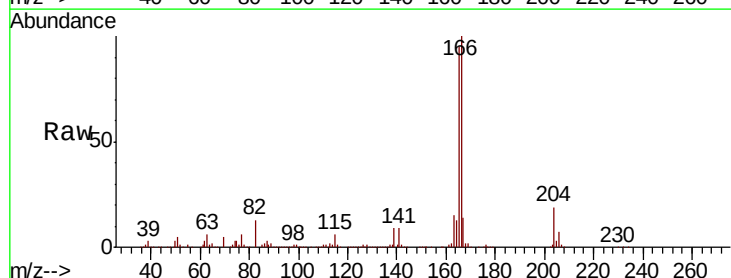
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

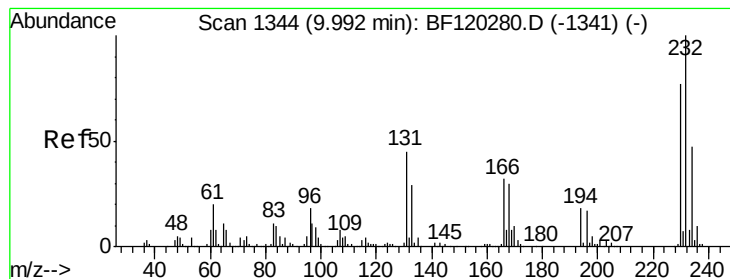
Tot Ion:	165	Resp:	442052
Ion	Ratio	Lower	Upper
165	100		
63	70.5	51.8	77.8
89	82.0	64.2	96.4
182	2.5	2.0	3.0



#58
 Fluorene
 Concen: 42.448 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

Tgt Ion:	166	Resp:	1454806
Ion	Ratio	Lower	Upper
166	100		
165	94.8	74.7	112.1
167	14.0	11.4	17.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.448 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 403228

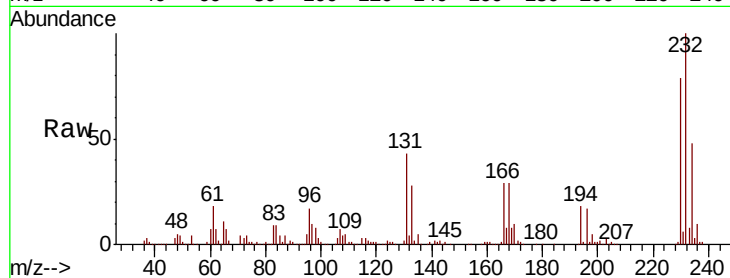
Ion Ratio Lower Upper

232 100

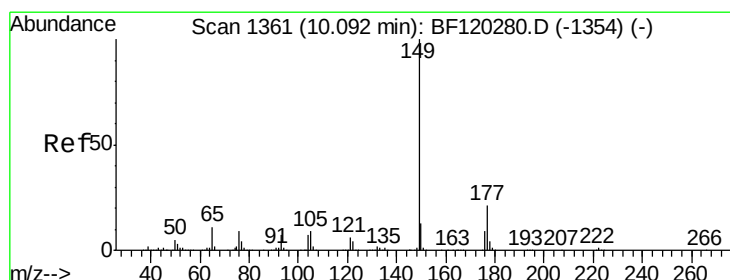
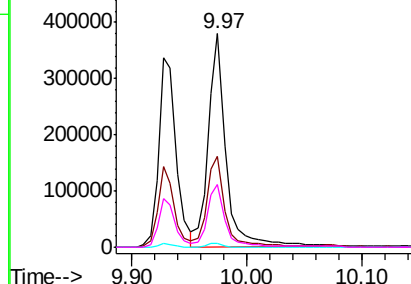
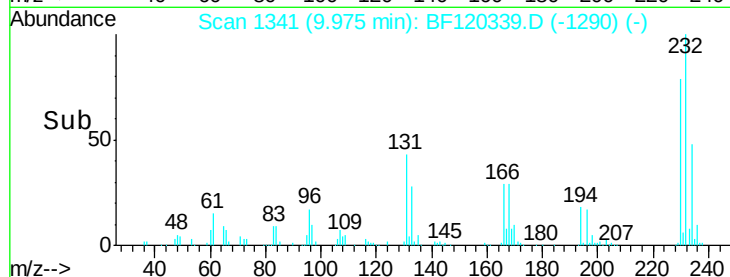
131 42.7 34.1 51.1

130 1.8 1.7 2.5

166 28.7 23.3 34.9



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: 41.051 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

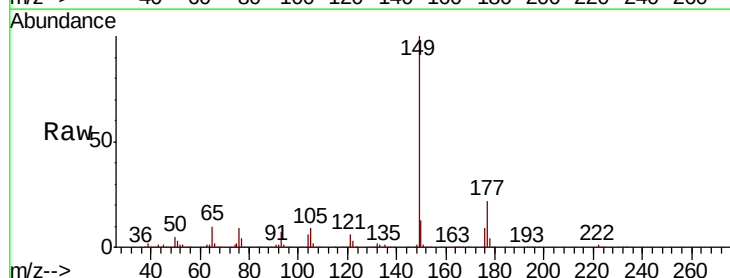
Tgt Ion:149 Resp: 1626920

Ion Ratio Lower Upper

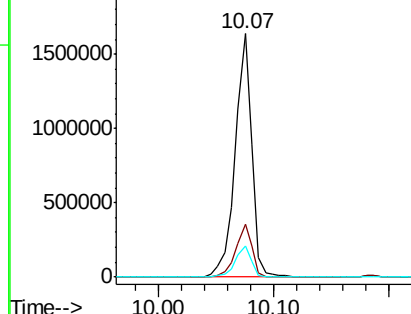
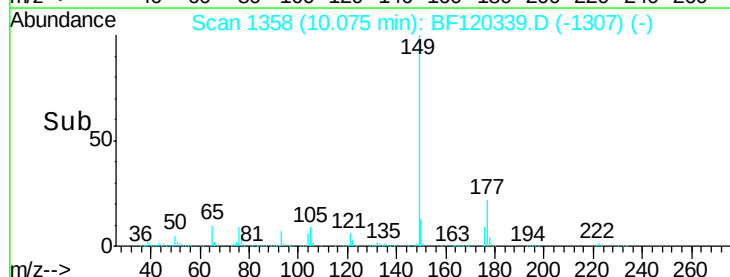
149 100

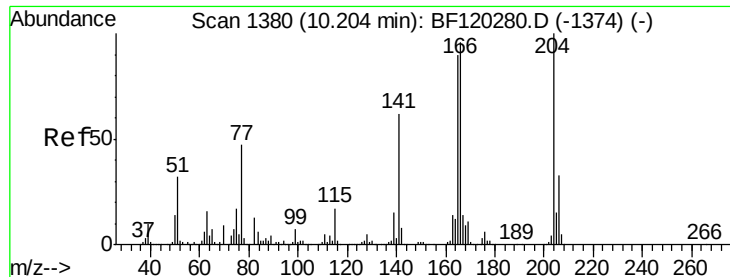
177 21.8 17.1 25.7

150 12.9 10.3 15.5



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

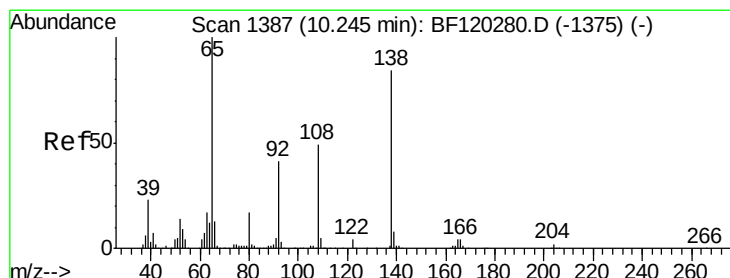
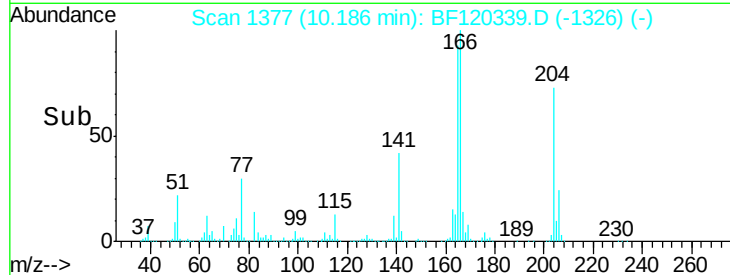
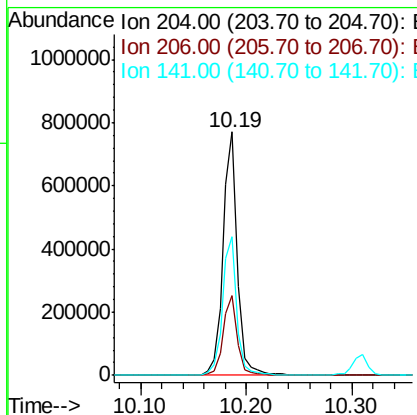
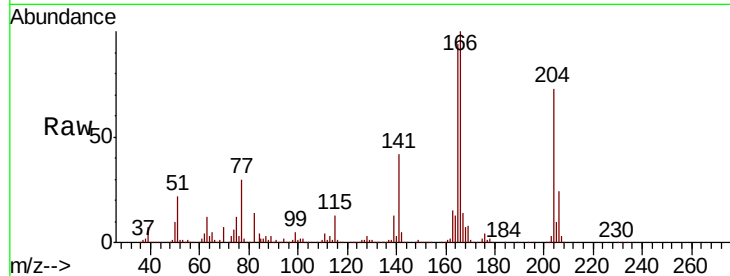




#61
 4-Chlorophenyl-phenylether
 Concen: 41.061 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

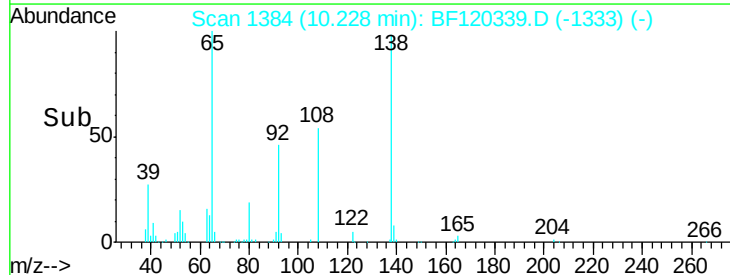
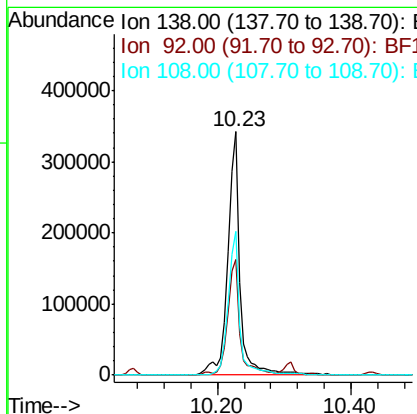
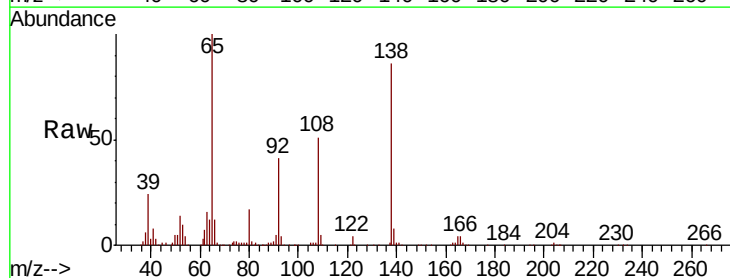
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

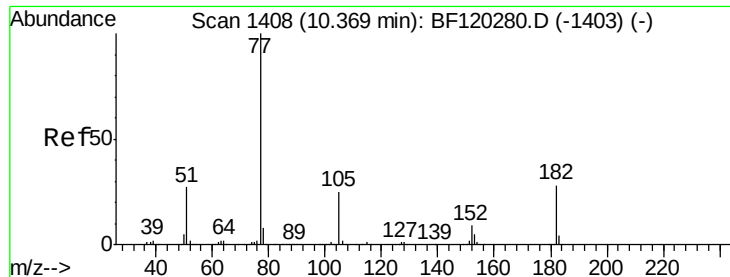
Tot Ion:	204	Resp:	731669
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.8	40.2
141	56.8	49.5	74.3



#62
 4-Nitroaniline
 Concen: 44.002 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

Tgt Ion:	138	Resp:	447672
Ion	Ratio	Lower	Upper
138	100		
92	47.6	28.9	68.9
108	58.8	38.4	78.4

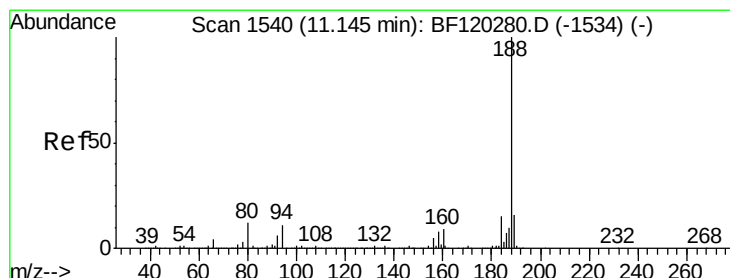
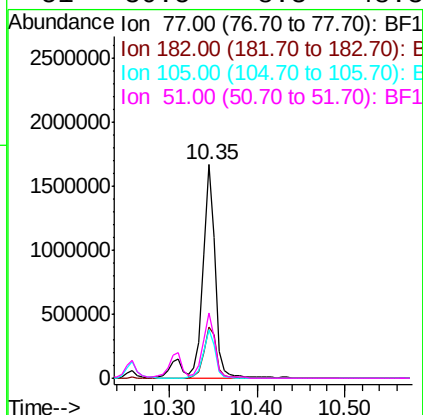
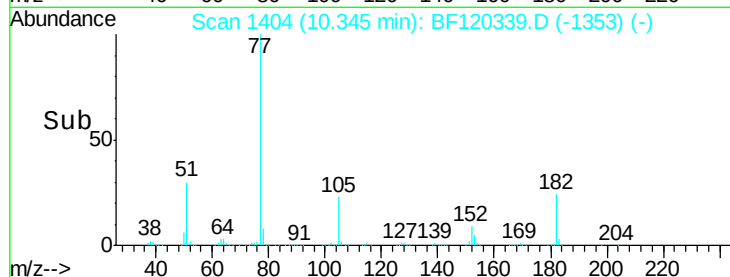
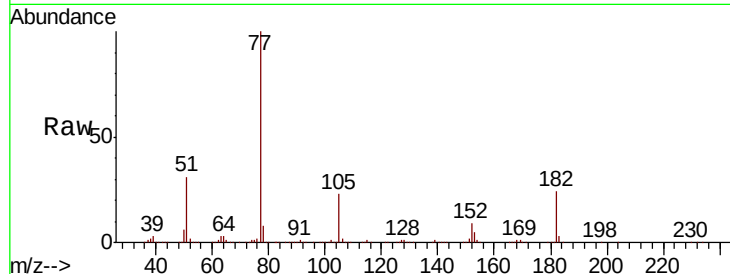




#63
Azobenzene
Concen: 42.534 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

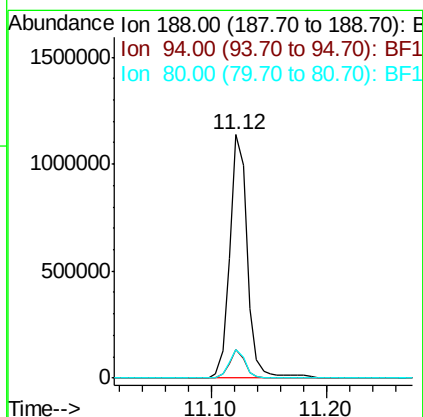
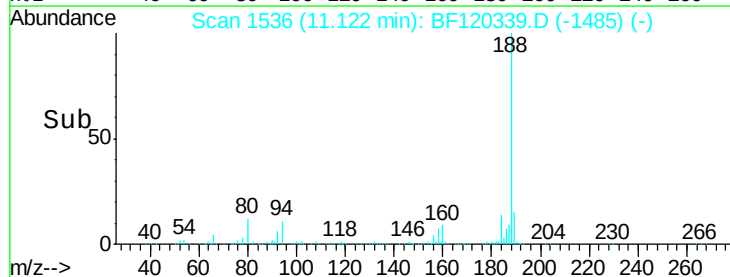
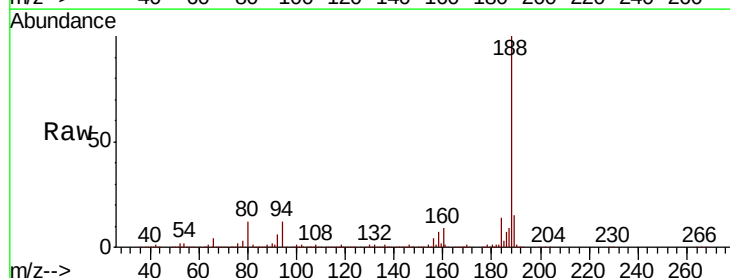
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

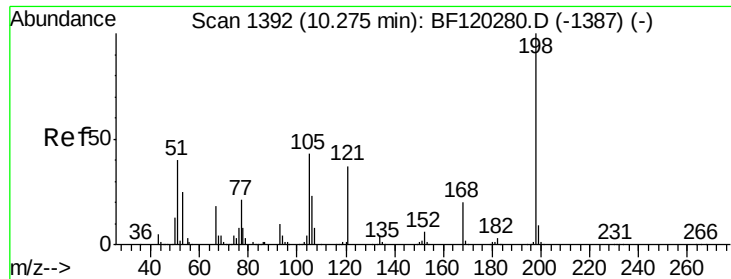
Tot Ion: 77 Resp: 1593160
Ion Ratio Lower Upper
77 100
182 24.0 7.4 47.4
105 23.0 4.4 44.4
51 30.5 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Tgt Ion: 188 Resp: 1198067
Ion Ratio Lower Upper
188 100
94 11.5 8.6 13.0
80 11.8 9.2 13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 43.554 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

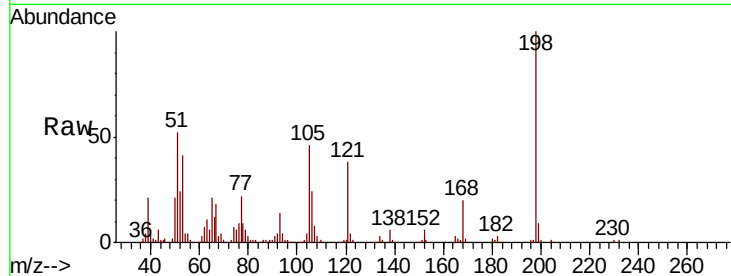
Tot Ion:198 Resp: 263892

Ion Ratio Lower Upper

198 100

51 51.7 27.1 67.1

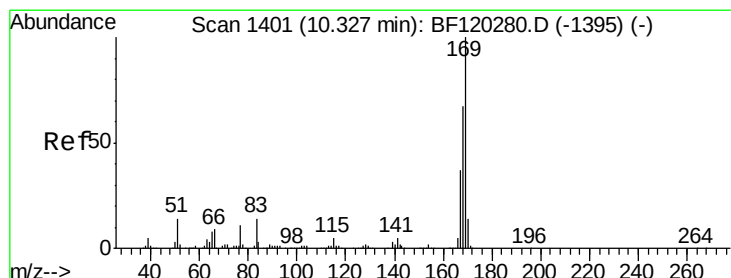
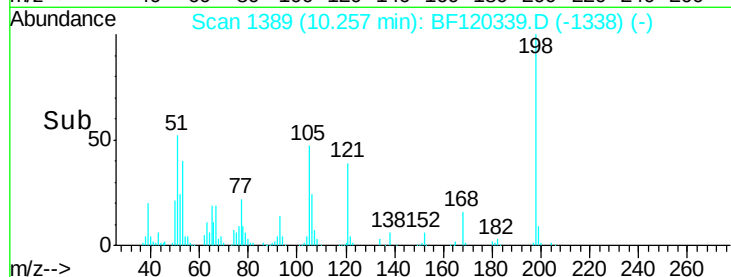
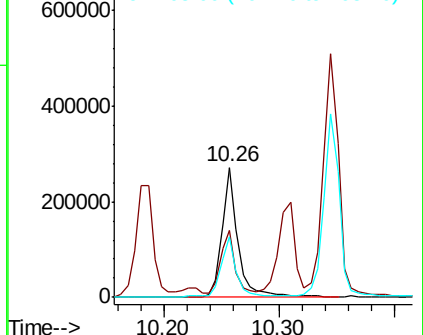
105 46.3 24.3 64.3



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: 40.773 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

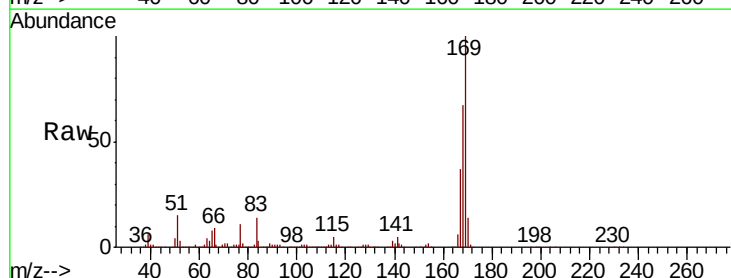
Tgt Ion:169 Resp: 1351442

Ion Ratio Lower Upper

169 100

168 66.7 53.7 80.5

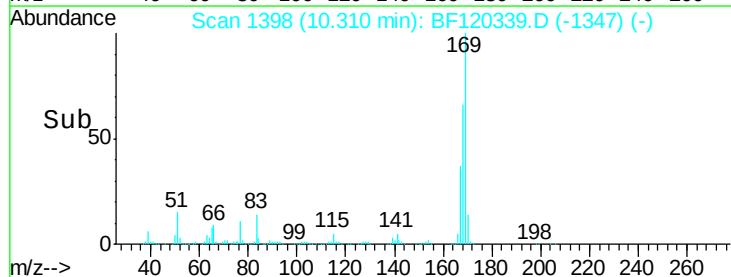
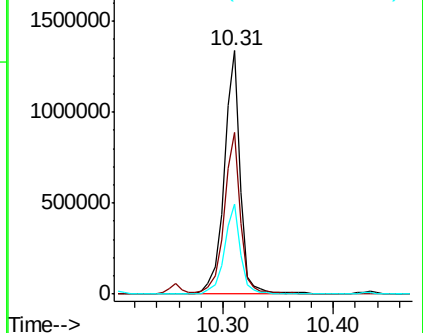
167 36.8 29.8 44.6

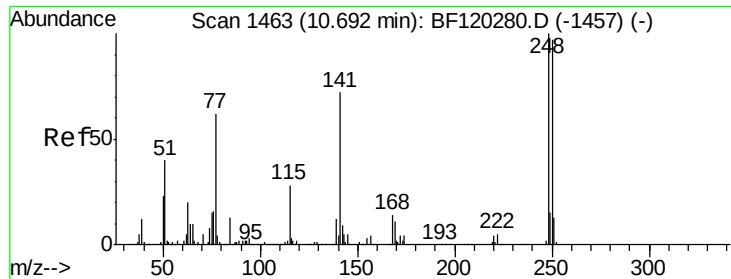


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

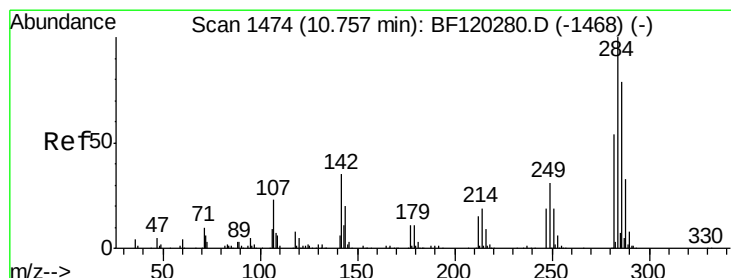
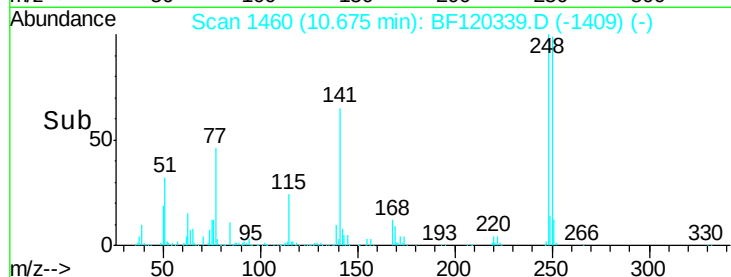
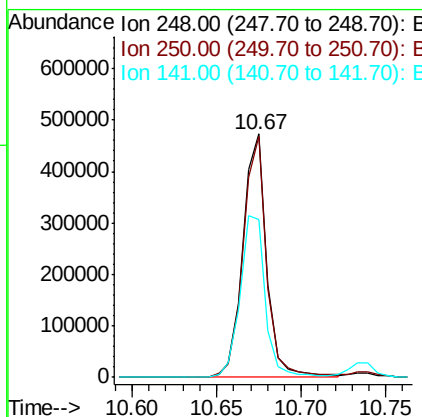
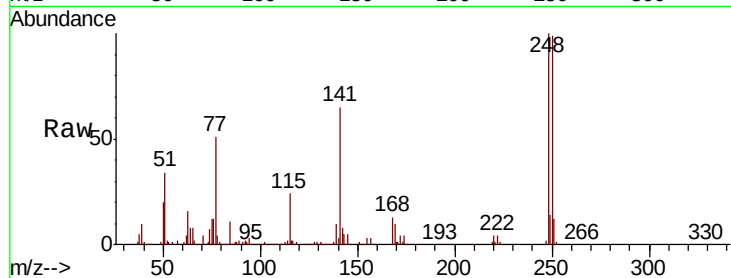




#67
4-Bromophenyl-phenylether
Concen: 40.153 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

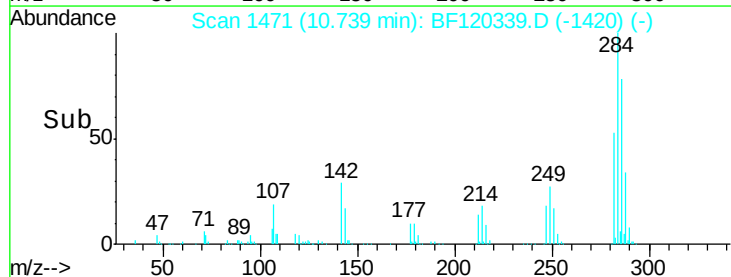
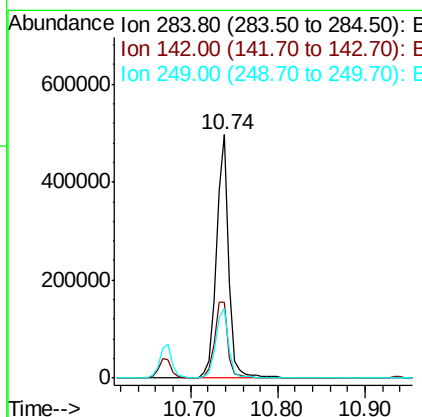
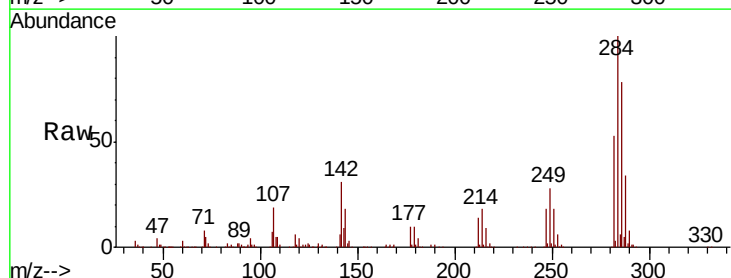
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

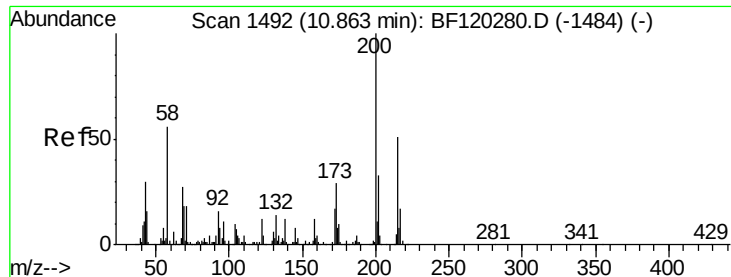
Tot Ion:248 Resp: 466808
Ion Ratio Lower Upper
248 100
250 98.9 77.8 116.6
141 64.8 57.7 86.5



#68
Hexachlorobenzene
Concen: 39.752 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Tgt Ion:284 Resp: 483484
Ion Ratio Lower Upper
284 100
142 31.1 28.5 42.7
249 28.4 24.8 37.2





#69

Atrazine

Concen: 38.683 ng

RT: 10.84 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

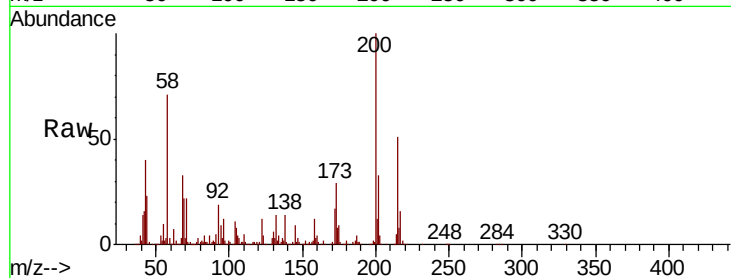
Tot Ion:200 Resp: 383661

Ion Ratio Lower Upper

200 100

173 28.6 8.7 48.7

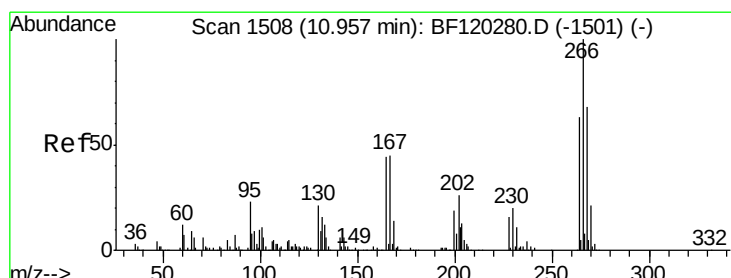
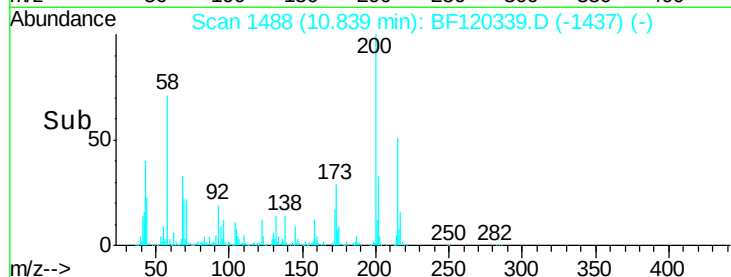
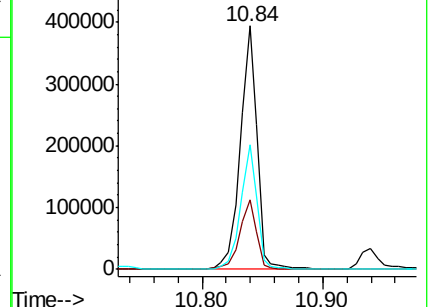
215 51.4 30.6 70.6



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: 41.232 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

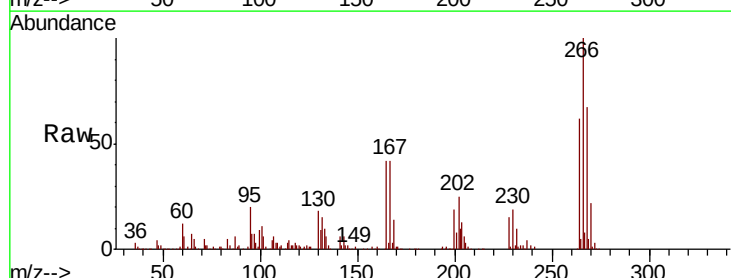
Tgt Ion:266 Resp: 213289

Ion Ratio Lower Upper

266 100

268 67.3 54.2 81.4

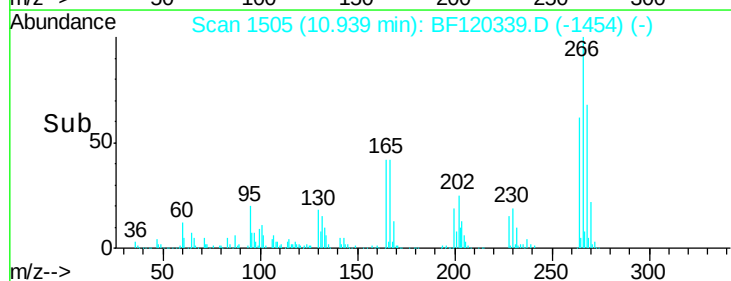
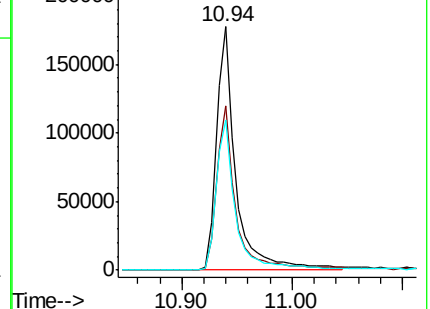
264 61.5 50.2 75.4

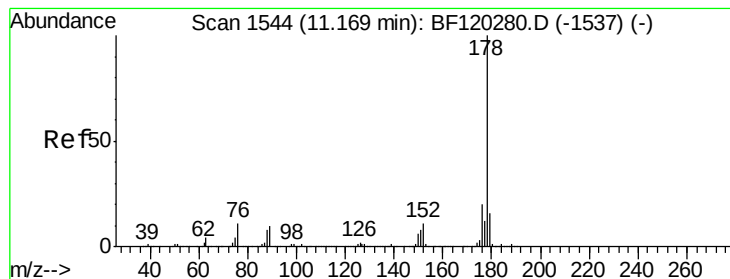


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.578 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

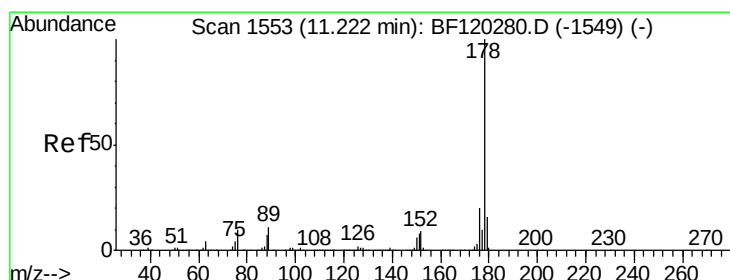
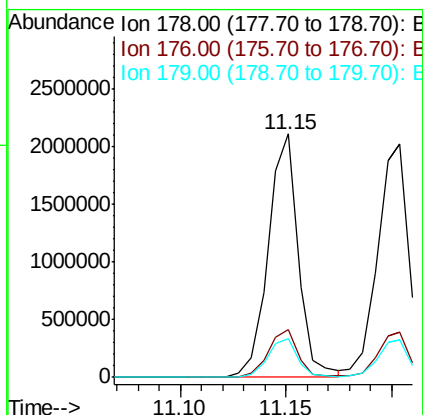
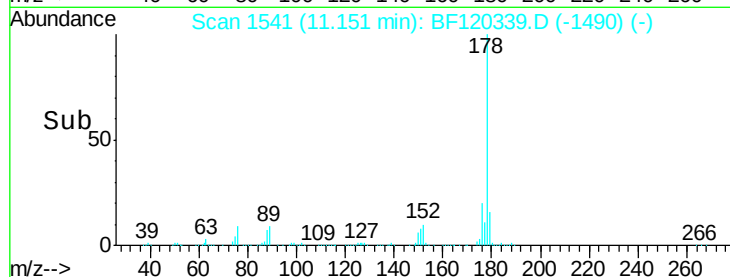
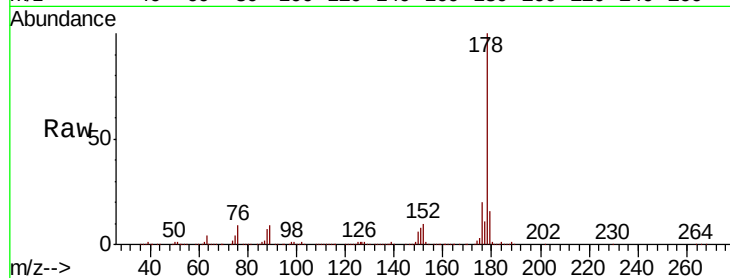
Tot Ion:178 Resp: 2093132

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

179 15.7 12.8 19.2



#72

Anthracene

Concen: 41.641 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

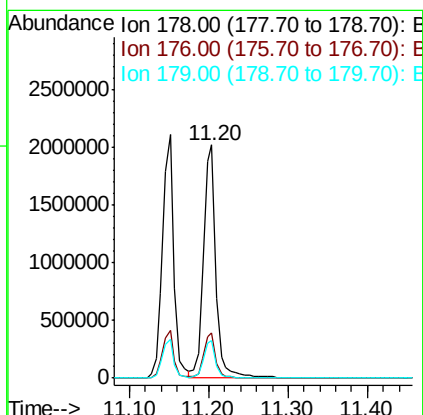
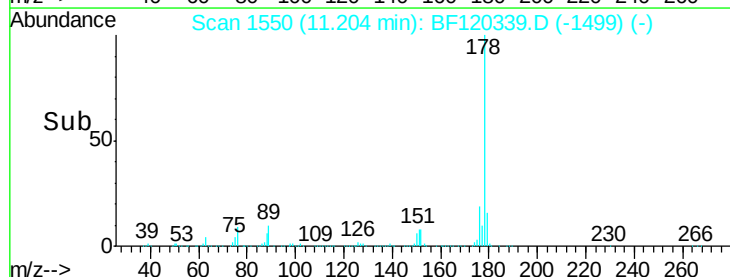
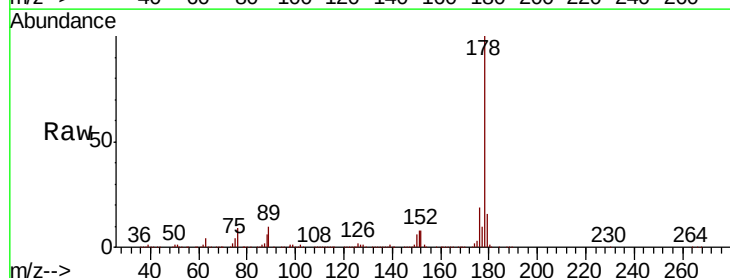
Tgt Ion:178 Resp: 2244181

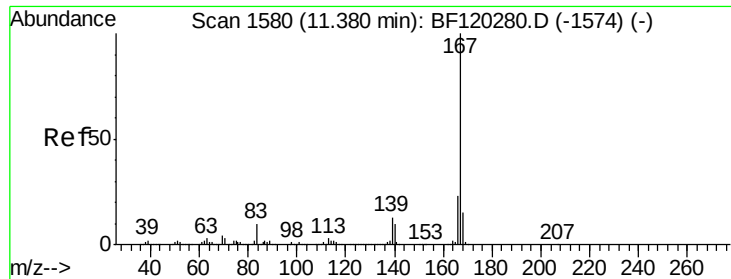
Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 16.0 13.0 19.6

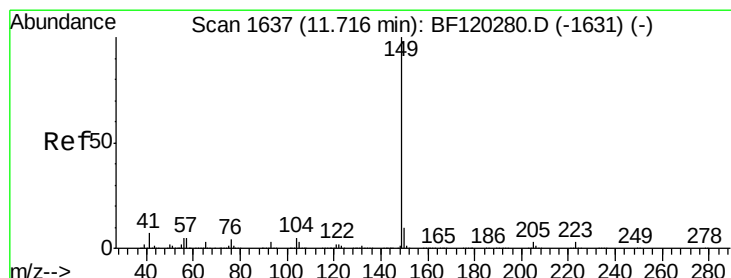
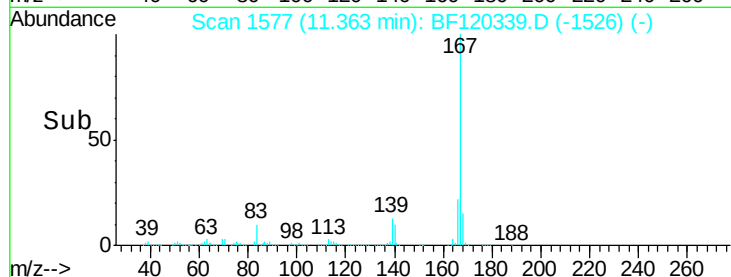
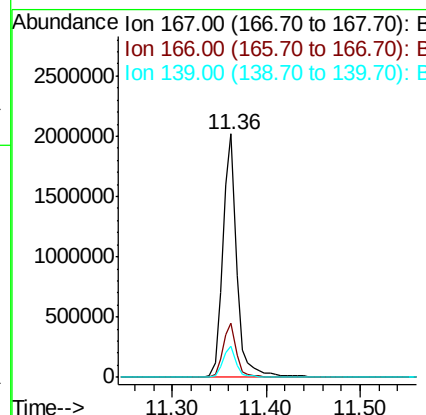
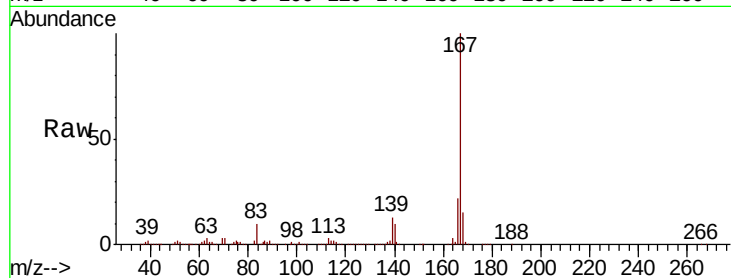




#73
 Carbazole
 Concen: 41.940 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

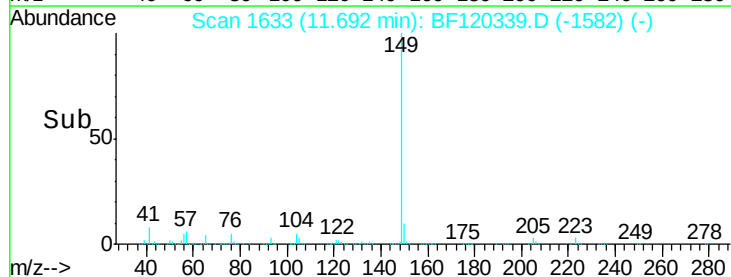
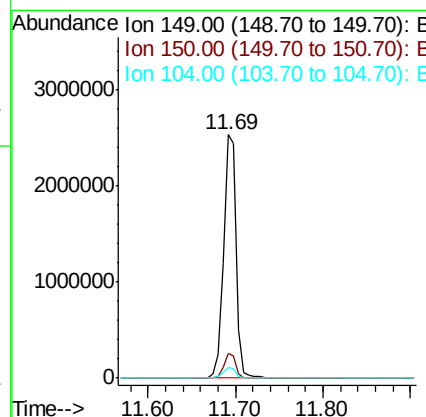
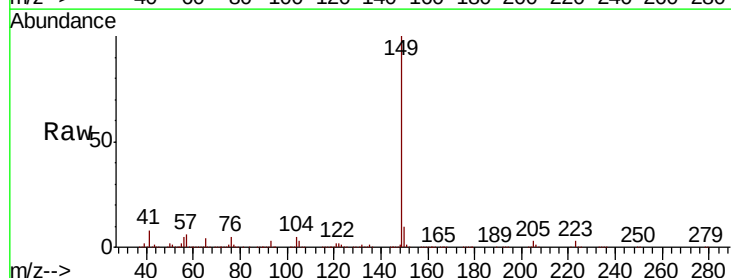
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

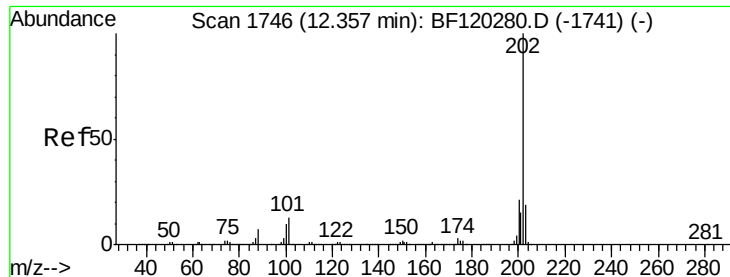
Tot Ion:167 Resp: 2111920
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.0 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 41.439 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BF120339.D
 Acq: 18 May 2020 14:08

Tgt Ion:149 Resp: 2514852
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.2 12.4
 104 4.6 3.8 5.8





#75

Fluoranthene

Concen: 43.356 ng

RT: 12.33 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

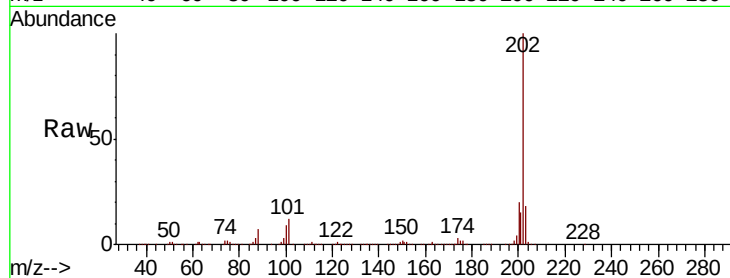
Tot Ion:202 Resp: 2339460

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.2

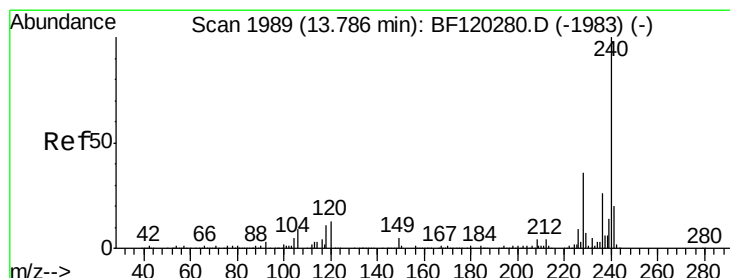
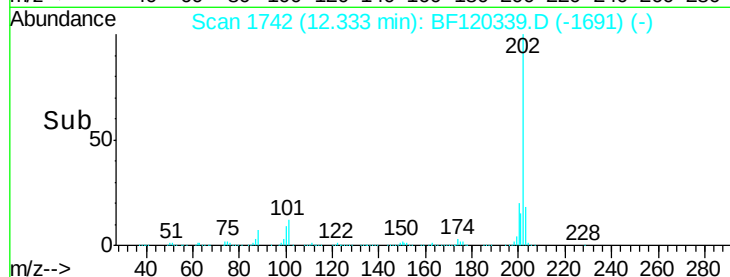
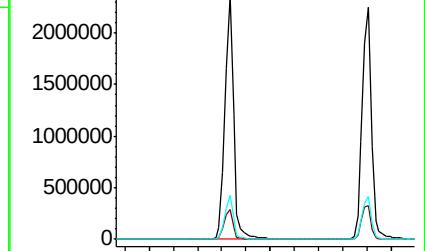
203 18.3 0.0 39.1



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: 13.76 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

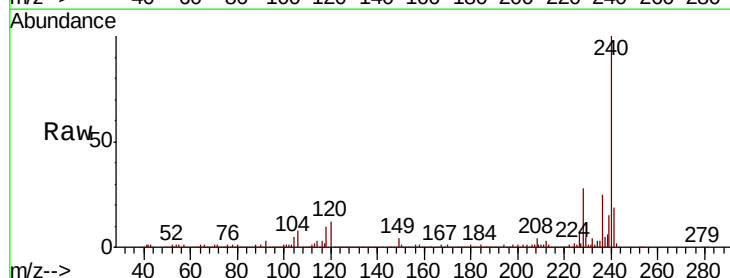
Tgt Ion:240 Resp: 856027

Ion Ratio Lower Upper

240 100

120 11.8 10.4 15.6

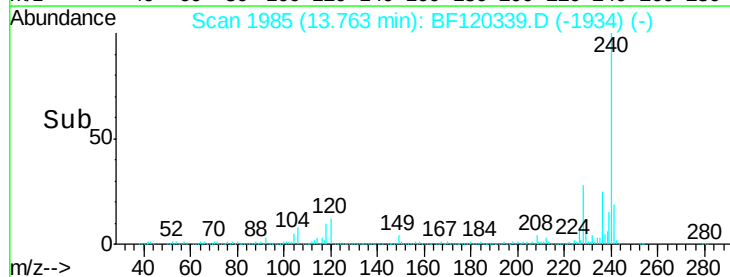
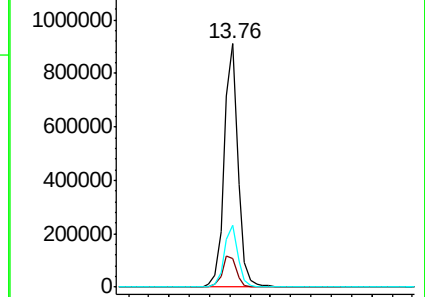
236 25.3 21.0 31.6

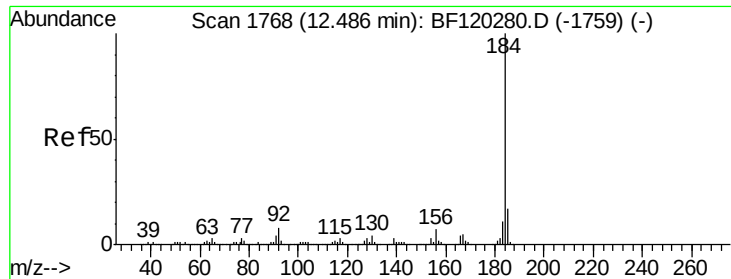


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.849 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

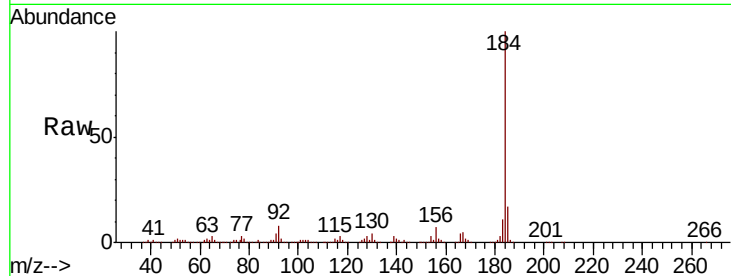
Tot Ion:184 Resp: 1071114

Ion Ratio Lower Upper

184 100

185 16.8 13.7 20.5

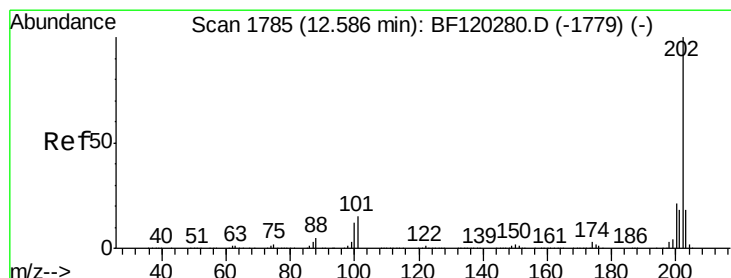
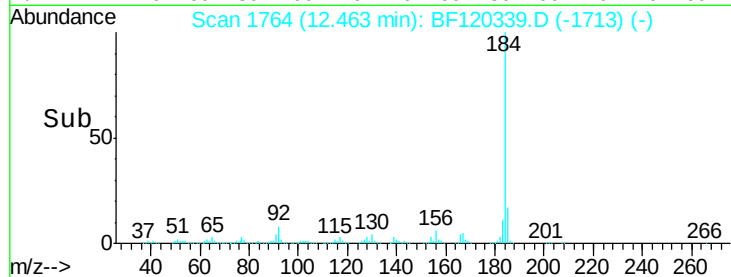
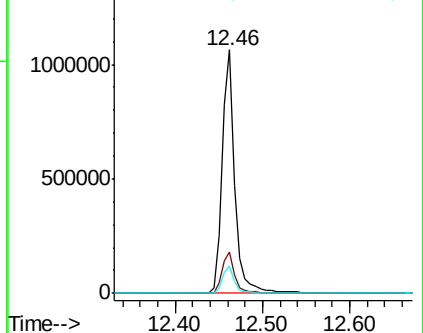
183 11.1 8.7 13.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.805 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

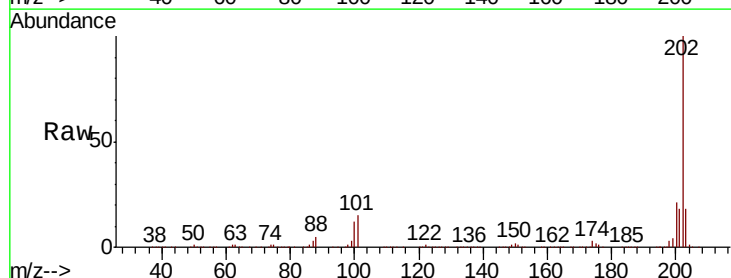
Tgt Ion:202 Resp: 2368120

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

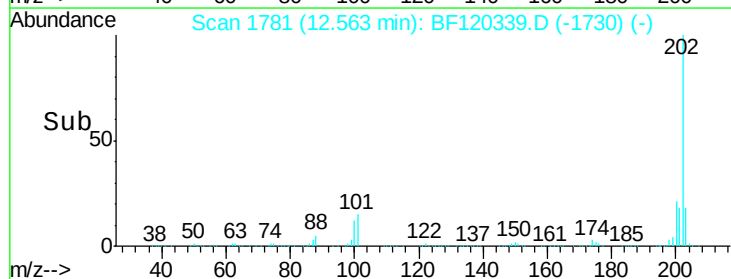
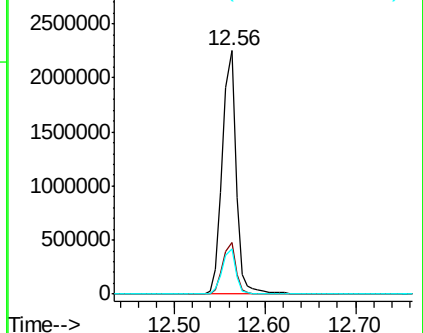
203 18.4 14.6 22.0

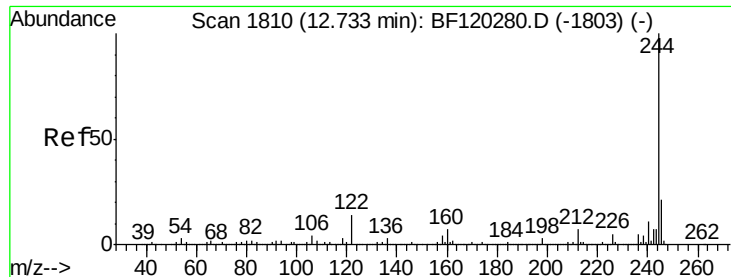


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.738 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

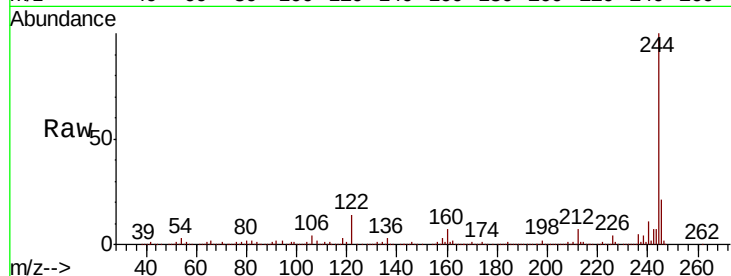
Tot Ion:244 Resp: 3012188

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

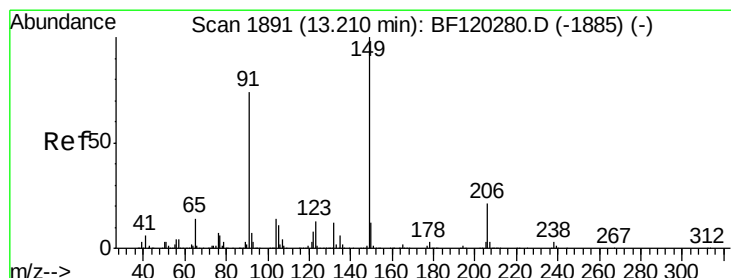
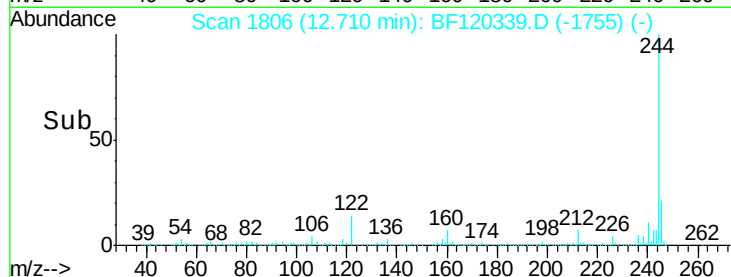
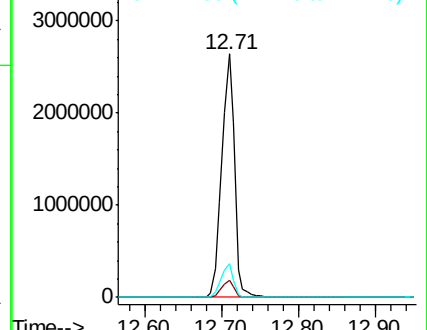
122 14.0 10.8 16.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.833 ng

RT: 13.19 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

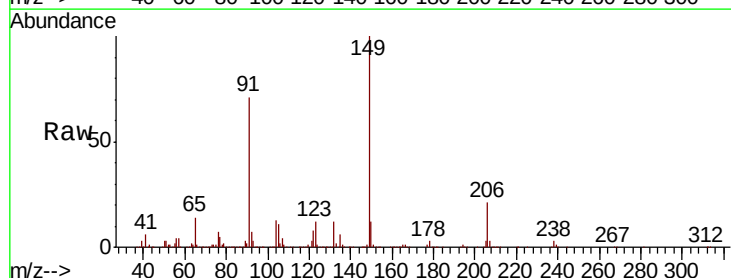
Tgt Ion:149 Resp: 1087196

Ion Ratio Lower Upper

149 100

91 71.5 59.0 88.4

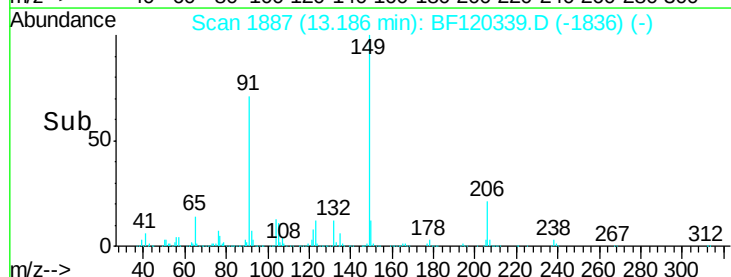
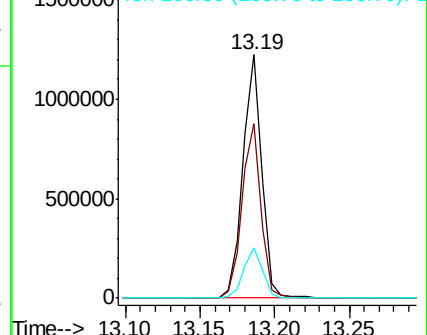
206 20.6 16.8 25.2

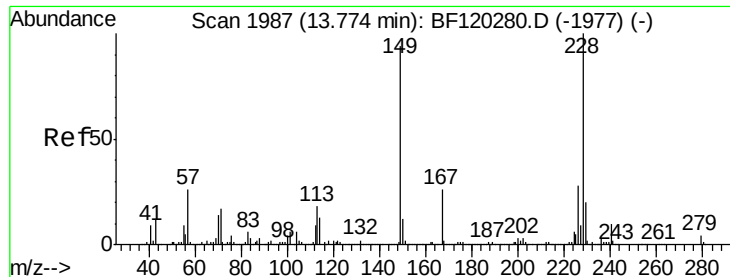


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.791 ng

RT: 13.75 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

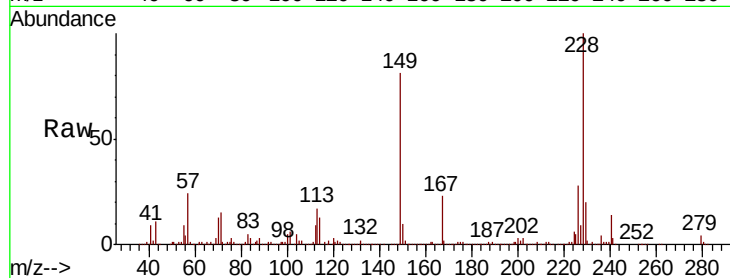
Tot Ion:228 Resp: 1841711

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

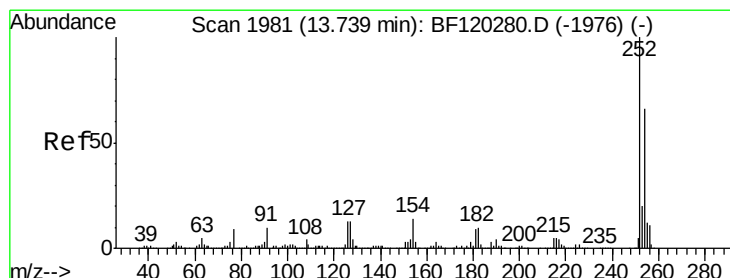
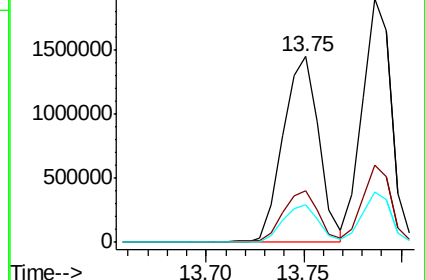
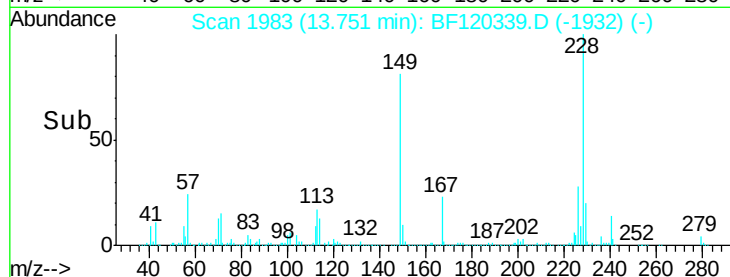
229 20.2 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.694 ng

RT: 13.72 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

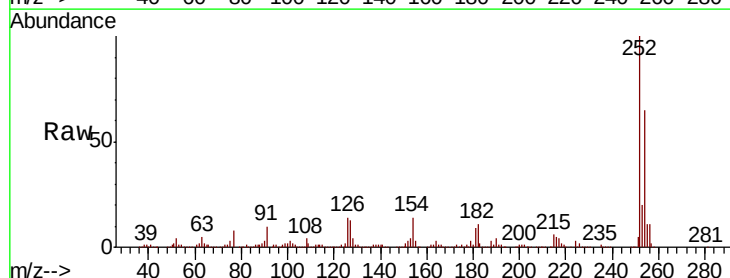
Tgt Ion:252 Resp: 726425

Ion Ratio Lower Upper

252 100

254 65.2 52.6 78.8

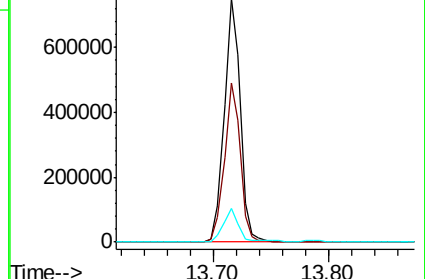
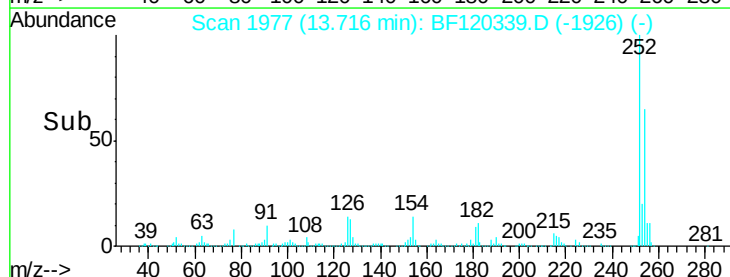
126 13.7 10.7 16.1

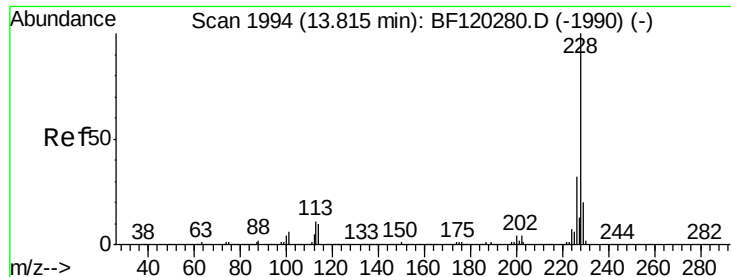


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.700 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

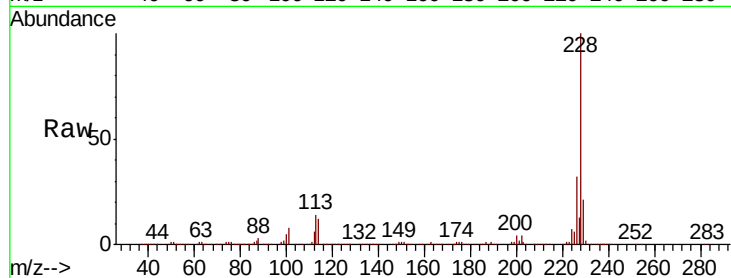
Tot Ion:228 Resp: 1973246

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.6

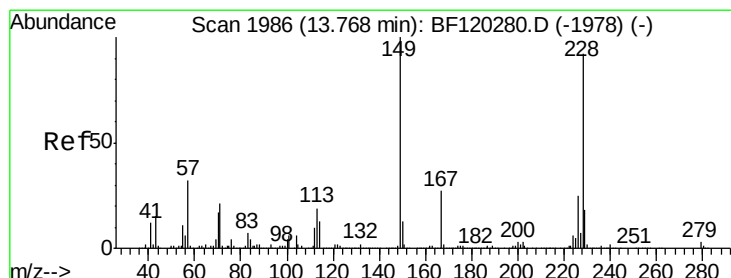
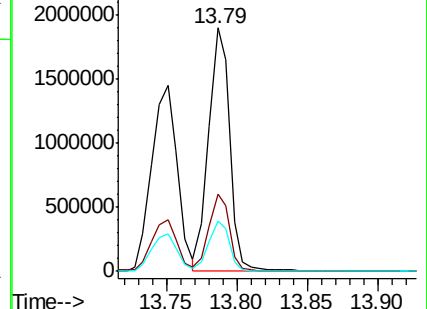
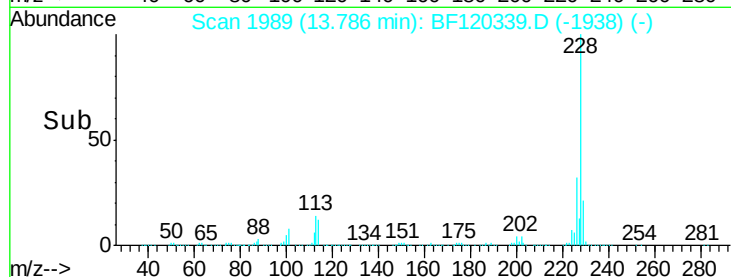
229 20.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.919 ng

RT: 13.75 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

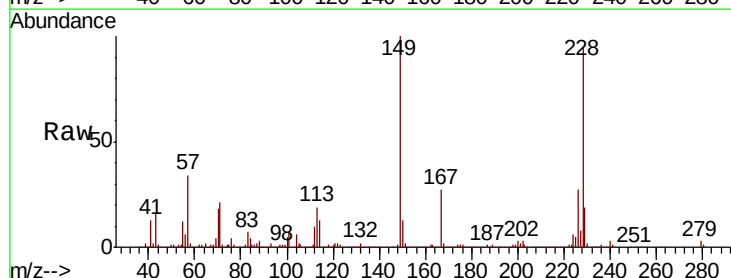
Tgt Ion:149 Resp: 1355714

Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

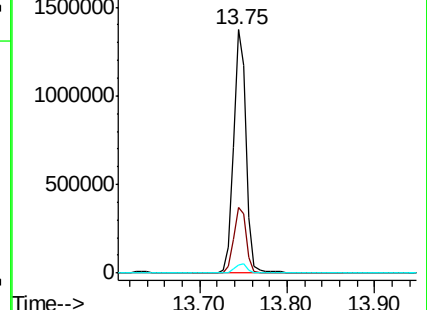
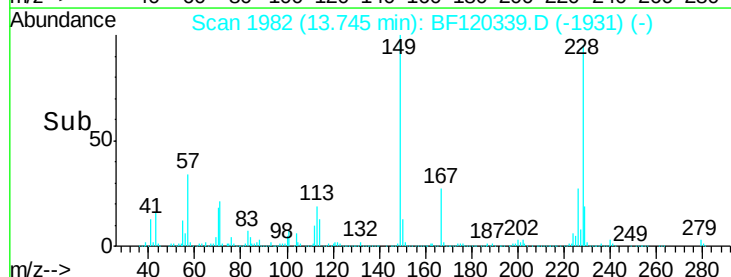
279 3.3 2.8 4.2

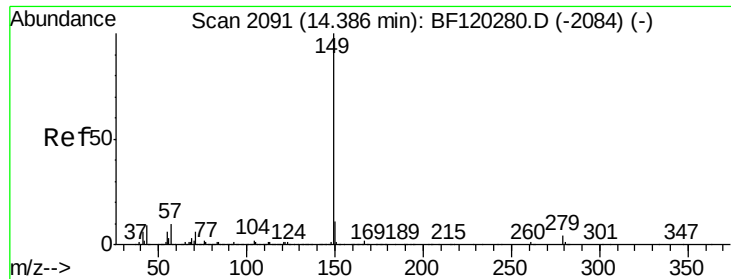


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.466 ng

RT: 14.36 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

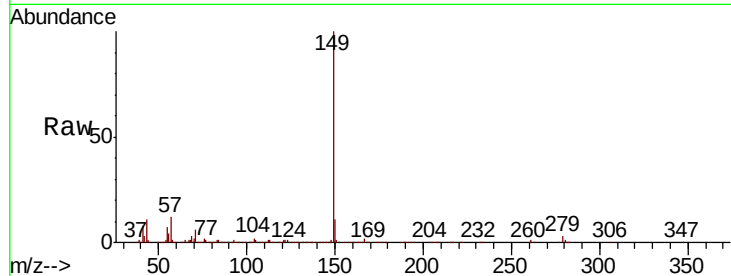
Tot Ion:149 Resp: 2538386

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

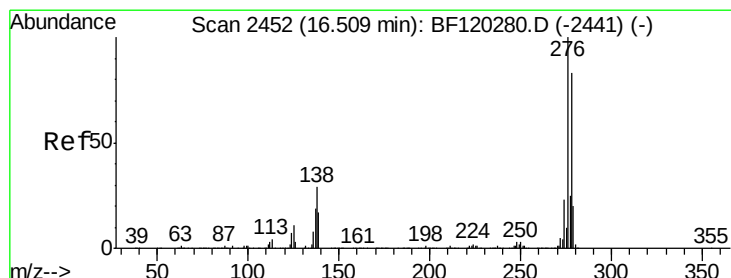
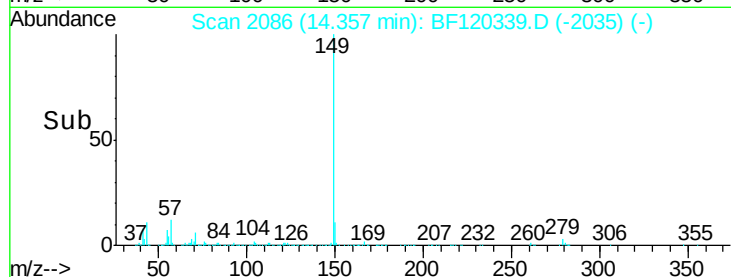
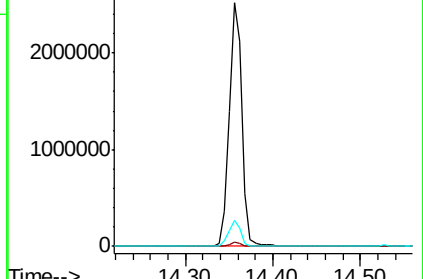
43 10.3 7.5 11.3



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

Indeno(1,2,3-cd)pyrene

Concen: 43.111 ng

RT: 16.46 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BF120339.D

Acq: 18 May 2020 14:08

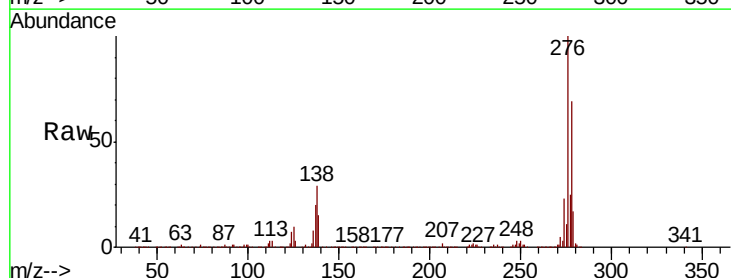
Tgt Ion:276 Resp: 1896986

Ion Ratio Lower Upper

276 100

138 29.5 23.3 34.9

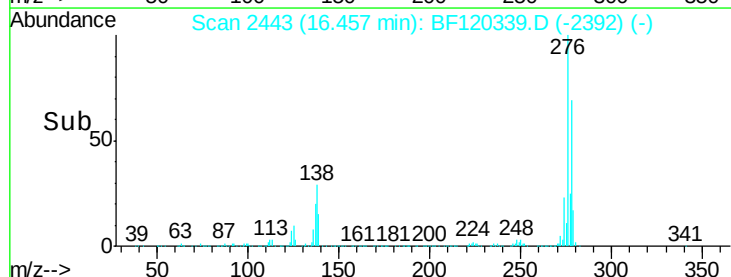
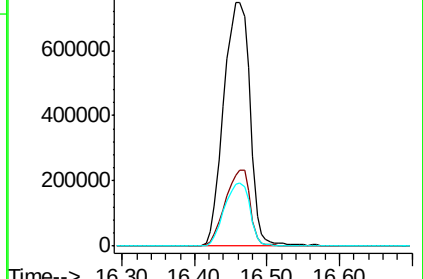
277 25.3 20.2 30.4

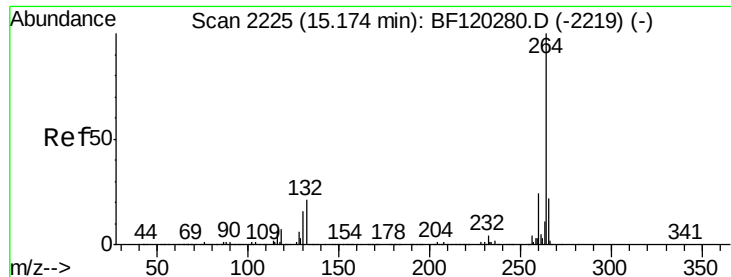


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

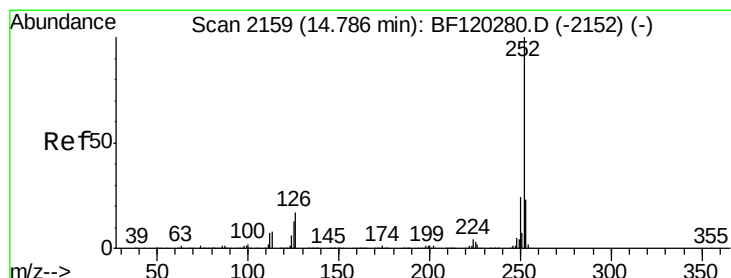
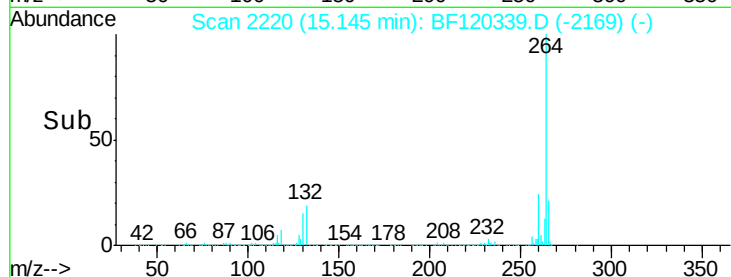
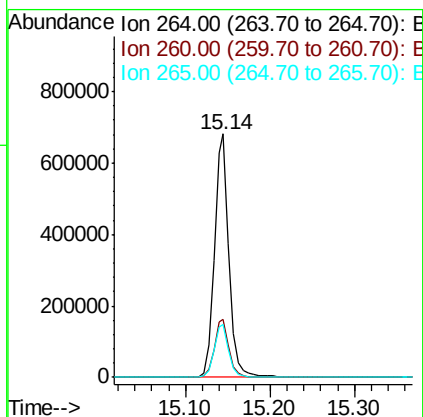
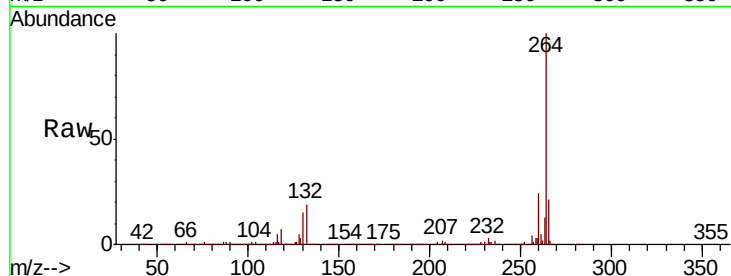




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

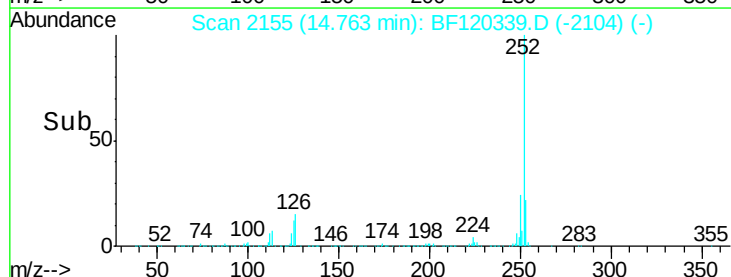
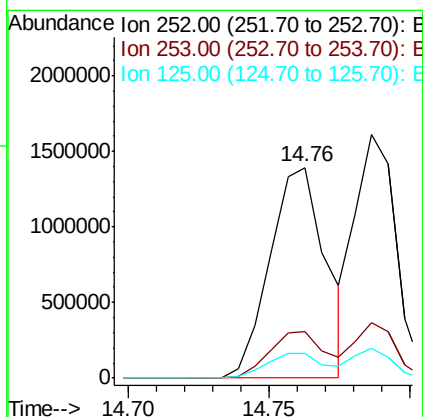
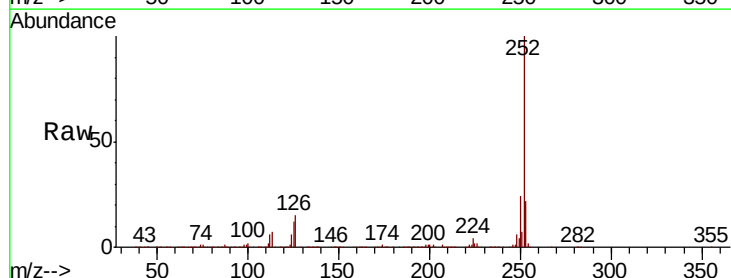
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

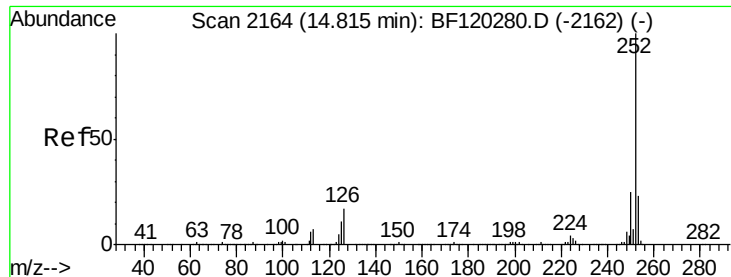
Tot Ion:264 Resp: 832226
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.5 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 42.258 ng
RT: 14.76 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Tgt Ion:252 Resp: 1920615
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 11.6 10.4 15.6

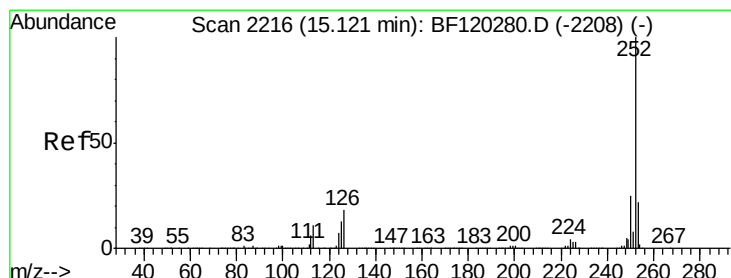
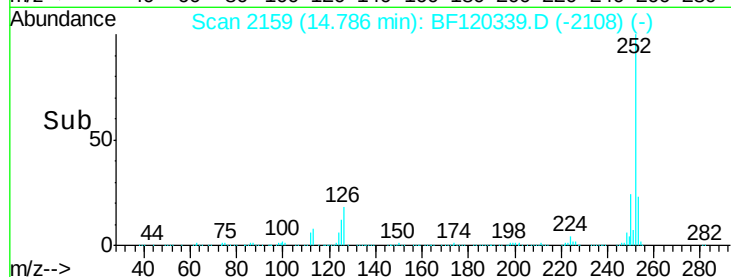
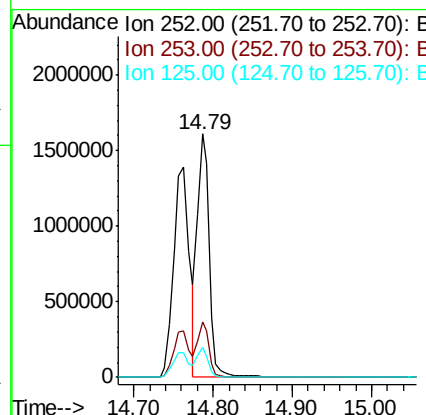
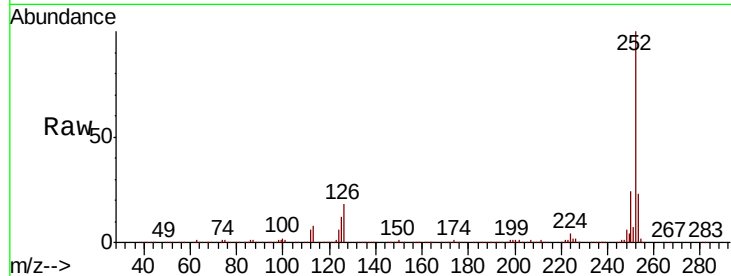




#89
Benzo(k)fluoranthene
Concen: 42.841 ng
RT: 14.79 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

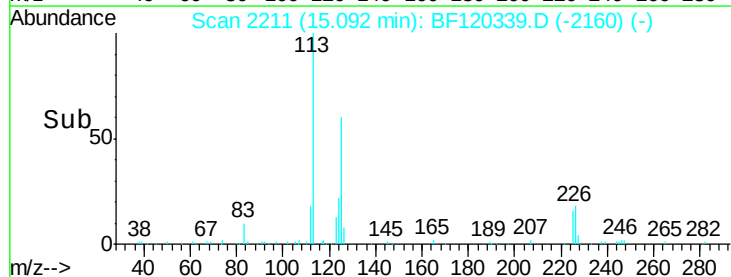
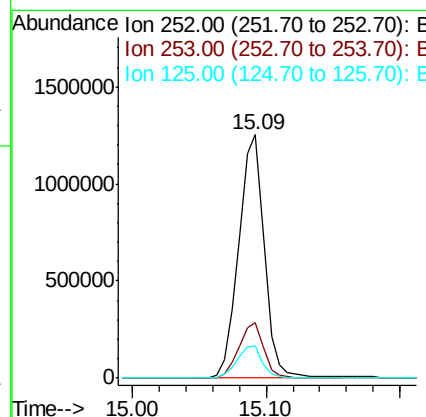
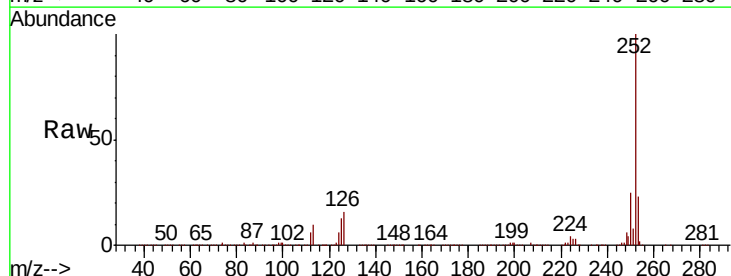
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

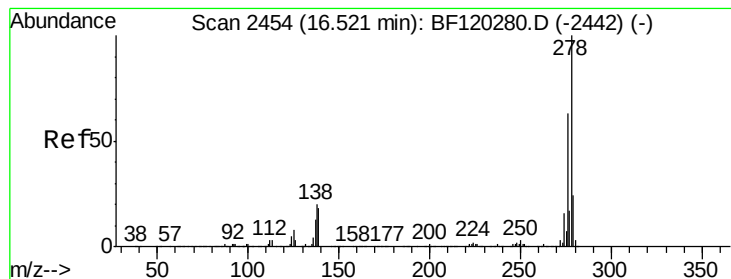
Tot Ion:252 Resp: 1686955
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 12.4 9.9 14.9



#90
Benzo(a)pyrene
Concen: 41.090 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Tgt Ion:252 Resp: 1674842
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 13.2 10.6 16.0



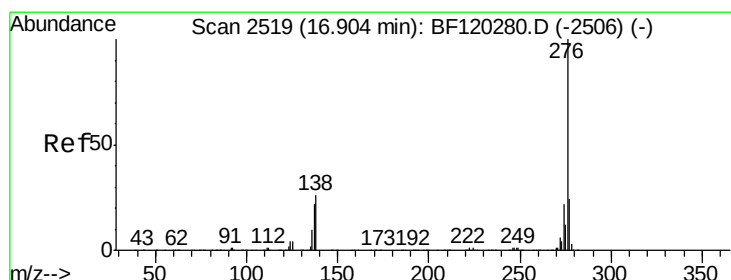
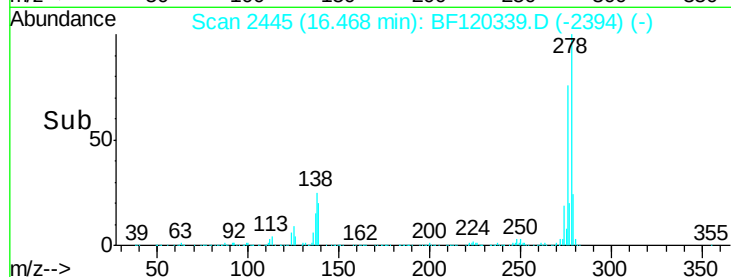
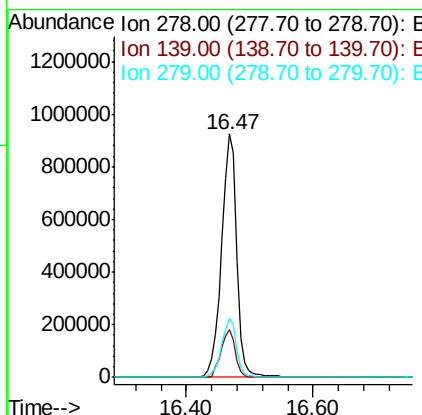
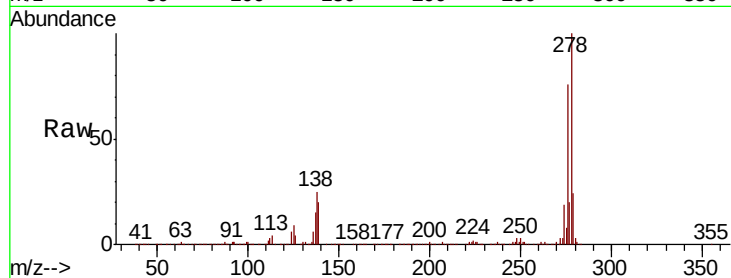


#91
Dibenzo(a,h)anthracene
Concen: 42.970 ng
RT: 16.47 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1551643

Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.7	22.1
279	24.3	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 42.616 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BF120339.D
Acq: 18 May 2020 14:08

Tgt Ion:276 Resp: 1551779

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	25.2	20.8	31.2

