

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120285.D
 Acq On : 14 May 2020 12:50
 Operator : MA/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICBF051420

Quant Time: May 14 13:24:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	318557	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1470246	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	757798	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1397068	20.00	ng	0.00
76) Chrysene-d12	13.79	240	871796	20.00	ng	0.00
87) Perylene-d12	15.18	264	785448	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1303983	79.65	ng	0.00
7) Phenol-d6	6.28	99	1674240	80.86	ng	0.00
23) Nitrobenzene-d5	7.20	82	1563120	72.79	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	441490	71.45	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	3078156	83.45	ng	0.00
79) Terphenyl-d14	12.74	244	3030704	76.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	298656	45.857	ng	100
3) Pyridine	2.86	79	697625	34.076	ng	97
4) n-Nitrosodimethylamine	2.82	42	322644	40.248	ng	99
6) Aniline	6.29	93	1092449	41.258	ng	# 88
8) 2-Chlorophenol	6.42	128	756073	39.606	ng	96
9) Benzaldehyde	6.17	77	636322	49.855	ng	97
10) Phenol	6.29	94	971283	40.187	ng	96
11) bis(2-Chloroethyl)ether	6.37	93	720270	37.308	ng	98
12) 1,3-Dichlorobenzene	6.56	146	791904	38.768	ng	98
13) 1,4-Dichlorobenzene	6.65	146	836755	39.773	ng	97
14) 1,2-Dichlorobenzene	6.79	146	743488	39.243	ng	99
15) Benzyl Alcohol	6.78	79	590877	40.171	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1205957	39.637	ng	98
17) 2-Methylphenol	6.90	107	614706	38.145	ng	97
18) Hexachloroethane	7.13	117	303728	37.896	ng	100
19) n-Nitroso-di-n-propylamine	7.05	70	531560	39.189	ng	97
20) 3+4-Methylphenols	7.06	107	787981	37.609	ng	98
22) Acetophenone	7.05	105	1097506	36.438	ng	98
24) Nitrobenzene	7.22	77	802876	34.741	ng	98
25) Isophorone	7.46	82	1558115	34.872	ng	98
26) 2-Nitrophenol	7.53	139	439456	36.358	ng	96
27) 2,4-Dimethylphenol	7.58	122	678876	38.611	ng	96
28) bis(2-Chloroethoxy)methane	7.67	93	997647	35.524	ng	99
29) 2,4-Dichlorophenol	7.78	162	691827	38.312	ng	100
30) 1,2,4-Trichlorobenzene	7.86	180	785866	39.272	ng	98
31) Naphthalene	7.93	128	2496046	40.226	ng	100
32) Benzoic acid	7.73	122	429001	37.224	ng	98
33) 4-Chloroaniline	7.99	127	1118326	39.547	ng	100
34) Hexachlorobutadiene	8.05	225	440595	38.093	ng	95
35) Caprolactam	8.37	113	237649	40.227	ng	96
36) 4-Chloro-3-methylphenol	8.49	107	781979	40.030	ng	98
37) 2-Methylnaphthalene	8.63	142	1683025	39.635	ng	98
38) 1-Methylnaphthalene	8.72	142	1647680	40.007	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	799317	41.831	ng	99

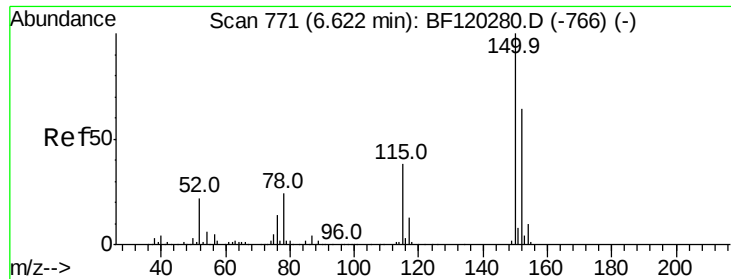
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120285.D
 Acq On : 14 May 2020 12:50
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	297462	41.239	ng	100
43) 2,4,6-Trichlorophenol	8.91	196	502834	39.203	ng	99
44) 2,4,5-Trichlorophenol	8.96	196	548238	37.219	ng	98
46) 1,1'-Biphenyl	9.09	154	2136988	43.039	ng	99
47) 2-Chloronaphthalene	9.12	162	1574019	39.520	ng	99
48) 2-Nitroaniline	9.22	65	550777	37.902	ng	97
49) Acenaphthylene	9.53	152	2411184	39.632	ng	100
50) Dimethylphthalate	9.40	163	1819940	37.992	ng	100
51) 2,6-Dinitrotoluene	9.46	165	419299	39.217	ng	90
52) Acenaphthene	9.70	154	1430393	39.224	ng	99
53) 3-Nitroaniline	9.63	138	459486	36.038	ng	100
54) 2,4-Dinitrophenol	9.75	184	171188	33.920	ng	91
55) Dibenzofuran	9.87	168	2058461	39.197	ng	98
56) 4-Nitrophenol	9.82	139	256571	37.451	ng	93
57) 2,4-Dinitrotoluene	9.87	165	485917	38.744	ng	99
58) Fluorene	10.22	166	1590060	39.757	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	448522	40.461	ng	98
60) Diethylphthalate	10.10	149	1801584	38.955	ng	98
61) 4-Chlorophenyl-phenylether	10.21	204	773335	37.190	ng	94
62) 4-Nitroaniline	10.25	138	430388	36.251	ng	98
63) Azobenzene	10.37	77	1622204	37.113	ng	97
65) 4,6-Dinitro-2-methylphenol	10.28	198	253578	35.890	ng	89
66) n-Nitrosodiphenylamine	10.33	169	1403444	36.311	ng	99
67) 4-Bromophenyl-phenylether	10.70	248	450030	33.196	ng	96
68) Hexachlorobenzene	10.76	284	480558	33.883	ng	92
69) Atrazine	10.86	200	375141	32.436	ng	99
70) Pentachlorophenol	10.96	266	187543	31.091	ng	99
71) Phenanthrene	11.17	178	2329885	39.688	ng	99
72) Anthracene	11.23	178	2535112	40.338	ng	100
73) Carbazole	11.39	167	2298906	39.150	ng	99
74) Di-n-butylphthalate	11.72	149	2469088	34.889	ng	97
75) Fluoranthene	12.36	202	2188893	34.788	ng	96
77) Benzidine	12.49	184	1110890	43.636	ng	99
78) Pyrene	12.59	202	2340267	37.655	ng	99
80) Butylbenzylphthalate	13.22	149	1102310	37.666	ng	94
81) Benzo(a)anthracene	13.78	228	1776048	38.625	ng	100
82) 3,3'-Dichlorobenzidine	13.74	252	719258	41.509	ng	99
83) Chrysene	13.82	228	1876193	37.999	ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1391245	38.209	ng	100
85) Di-n-octyl phthalate	14.39	149	2627627	40.114	ng	100
86) Indeno(1,2,3-cd)pyrene	16.51	276	1586344	35.399	ng	99
88) Benzo(b)fluoranthene	14.79	252	1602003	37.347	ng	97
89) Benzo(k)fluoranthene	14.82	252	1574566	42.369	ng	98
90) Benzo(a)pyrene	15.13	252	1466156	38.112	ng	98
91) Dibenzo(a,h)anthracene	16.53	278	1334624	39.161	ng	99
92) Benzo(g,h,i)perylene	16.91	276	1348503	39.239	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

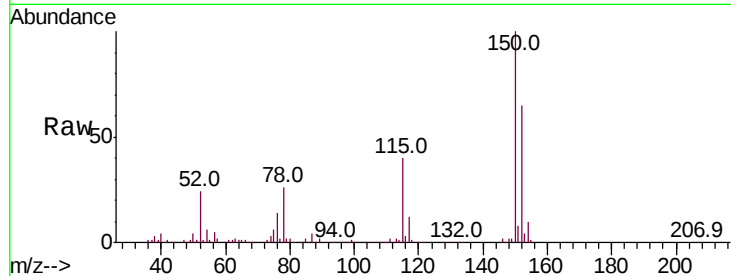
Tot Ion:152 Resp: 318557

Ion Ratio Lower Upper

152 100

150 154.1 126.2 189.2

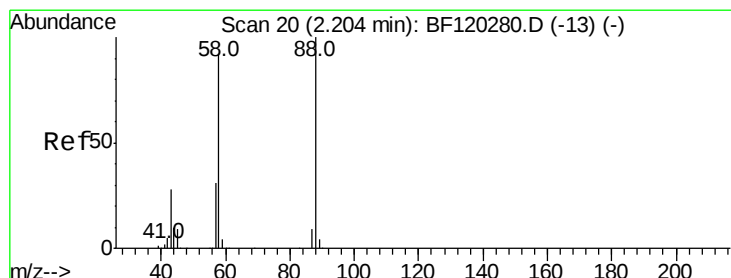
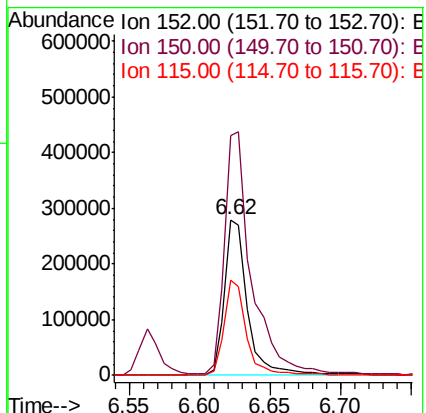
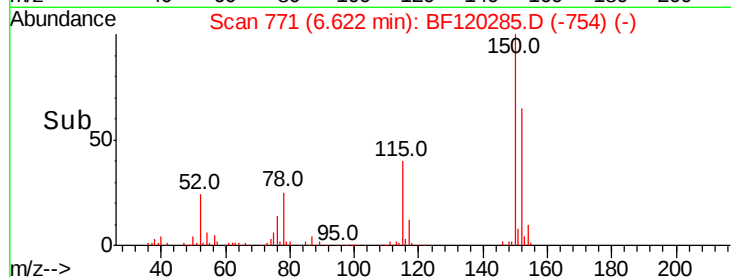
115 61.3 47.9 71.9



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: 45.857 ng

RT: 2.20 min Scan# 19

Delta R.T. -0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

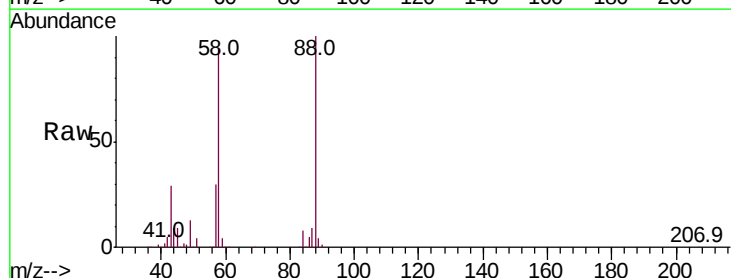
Tgt Ion: 88 Resp: 298656

Ion Ratio Lower Upper

88 100

58 94.5 75.8 113.6

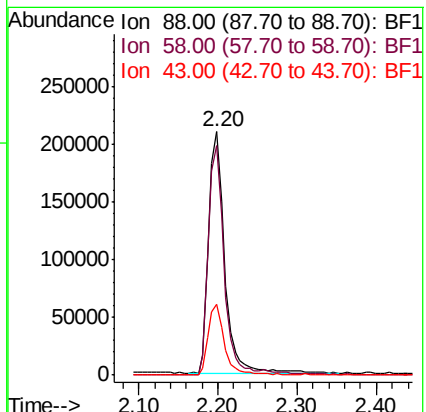
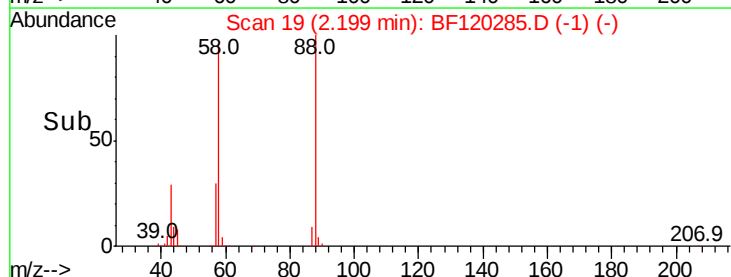
43 28.7 23.6 35.4

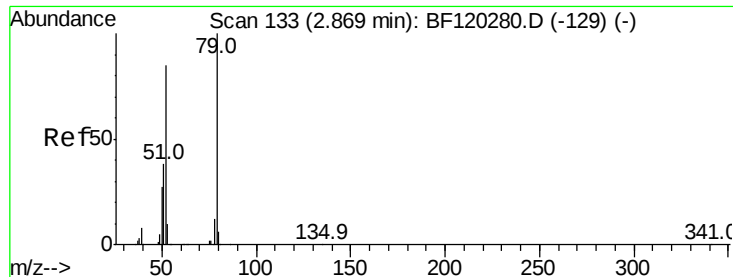


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.076 ng

RT: 2.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

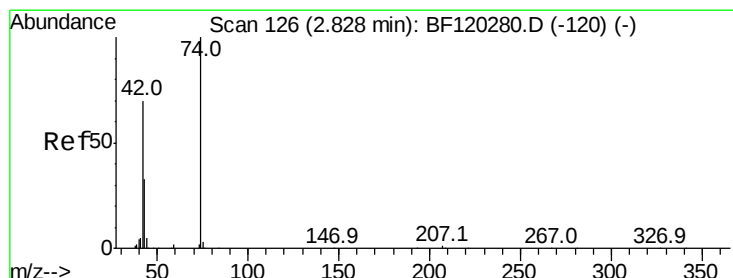
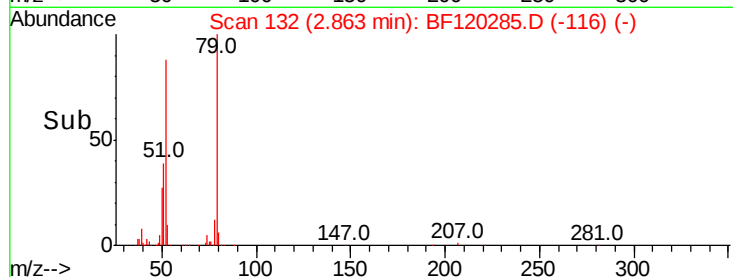
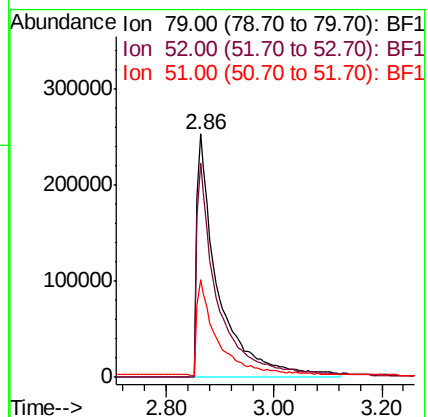
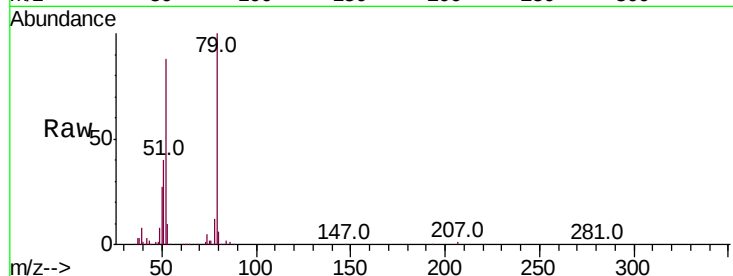
Tot Ion: 79 Resp: 697625

Ion Ratio Lower Upper

79 100

52 88.0 68.4 102.6

51 40.1 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 40.248 ng

RT: 2.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

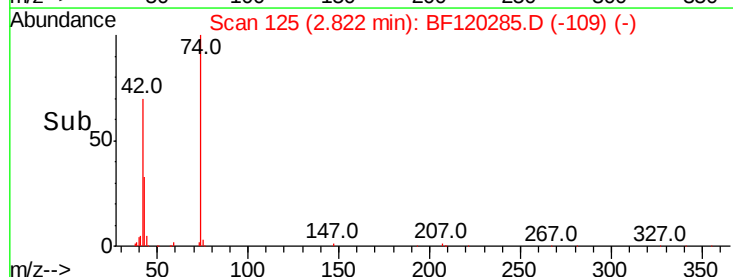
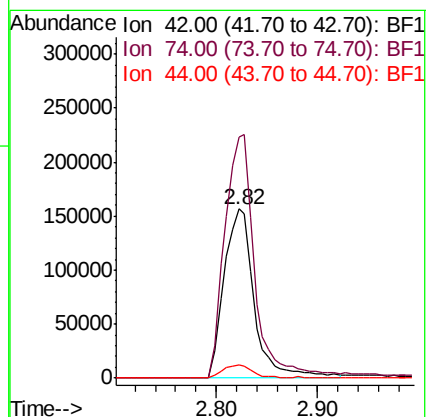
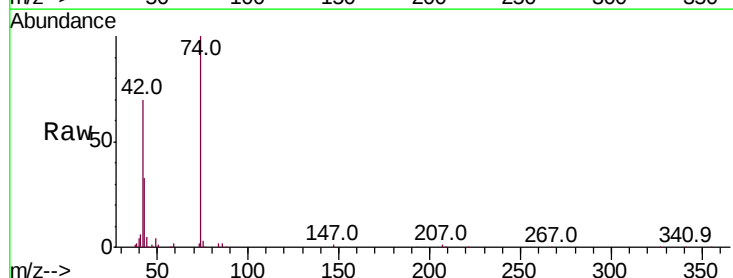
Tgt Ion: 42 Resp: 322644

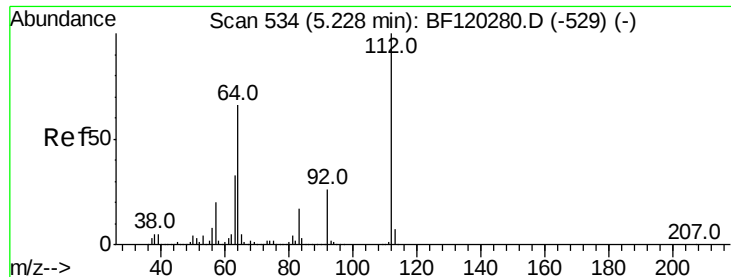
Ion Ratio Lower Upper

42 100

74 142.4 114.8 172.2

44 7.8 5.6 8.4





#5

2-Fluorophenol

Concen: 79.646 ng

RT: 5.23 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

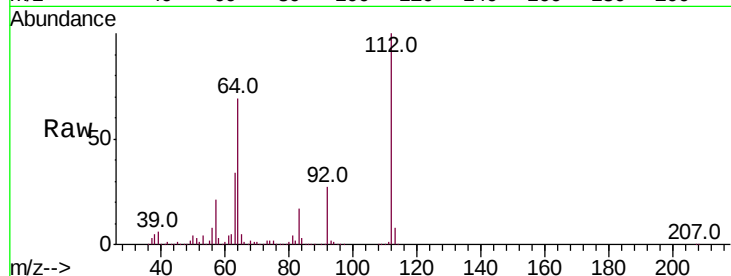
Tot Ion:112 Resp: 1303983

Ion Ratio Lower Upper

112 100

64 69.4 52.7 79.1

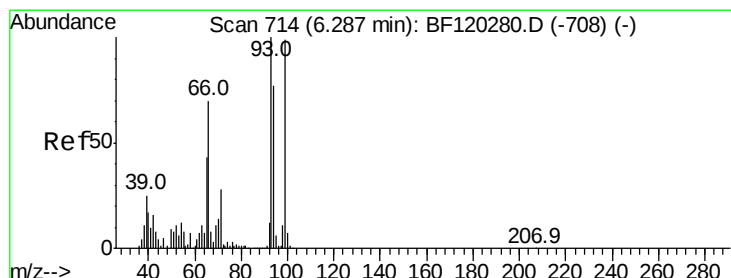
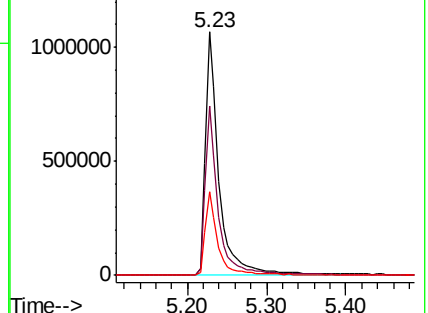
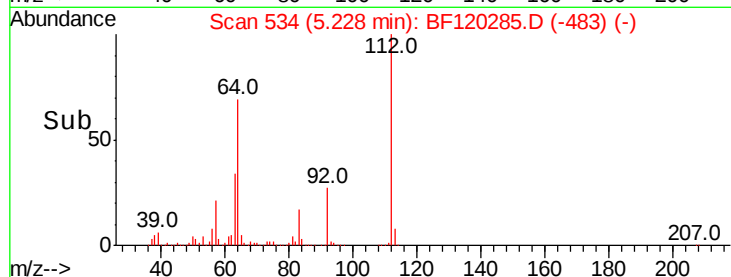
63 34.2 26.2 39.4



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: 41.258 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

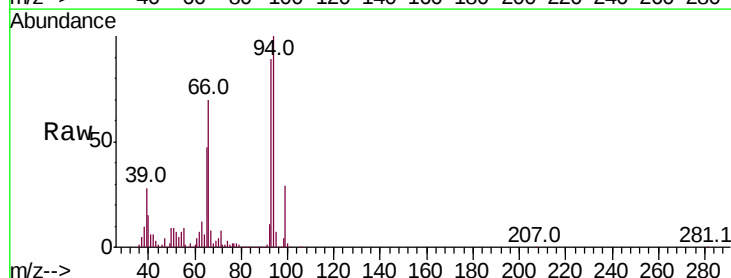
Tgt Ion: 93 Resp: 1092449

Ion Ratio Lower Upper

93 100

66 78.7 56.2 84.4

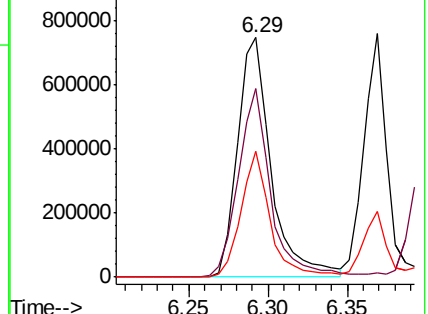
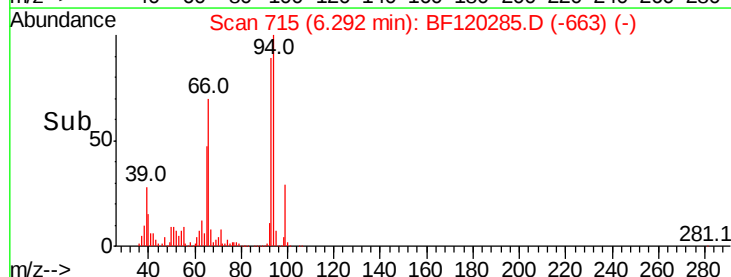
65 52.4 34.2 51.2#

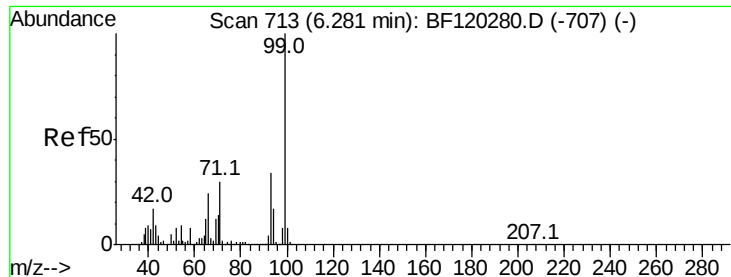


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.864 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

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ClientSampleId :

ICVBF051420

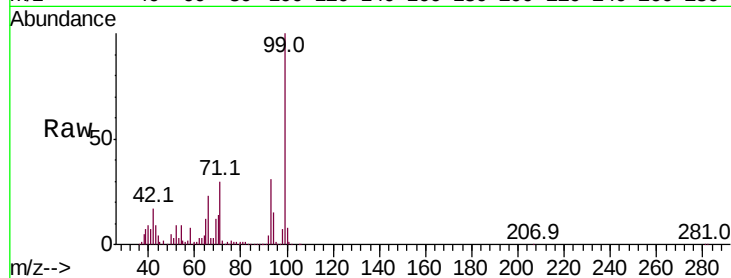
Tot Ion: 99 Resp: 1674240

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

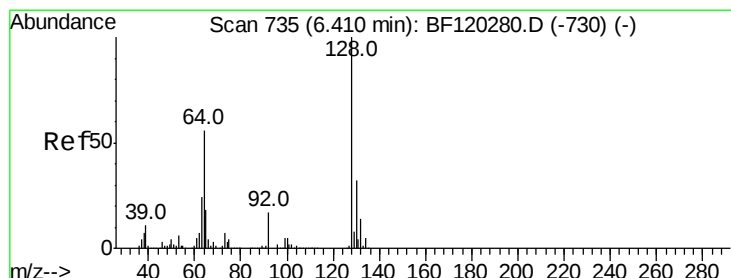
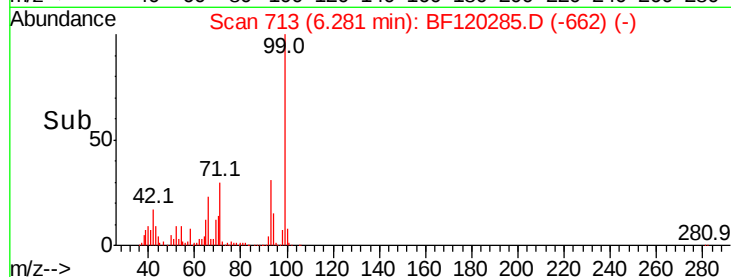
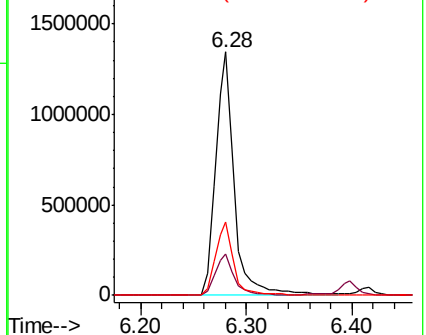
71 30.3 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.606 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

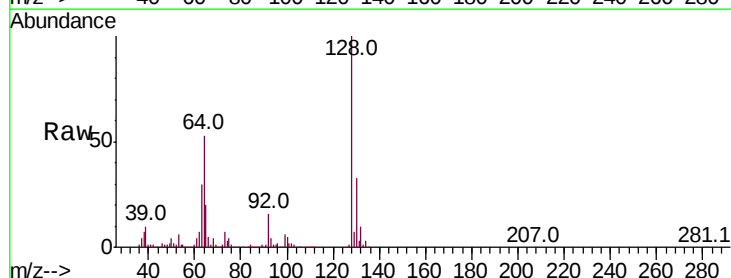
Tgt Ion: 128 Resp: 756073

Ion Ratio Lower Upper

128 100

130 33.1 12.4 52.4

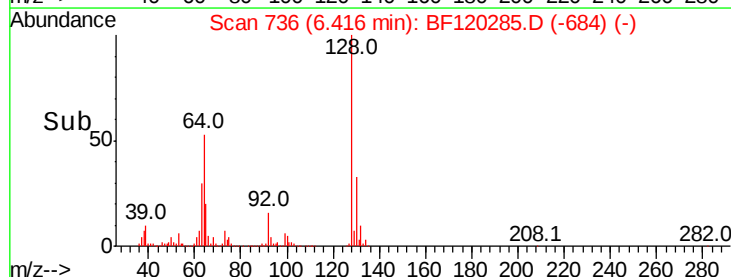
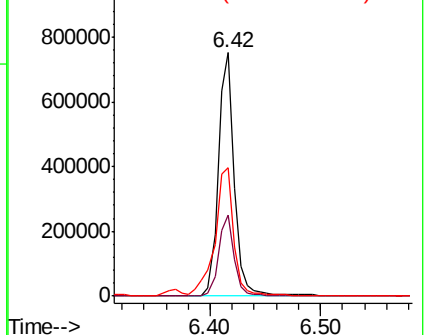
64 52.9 36.7 76.7

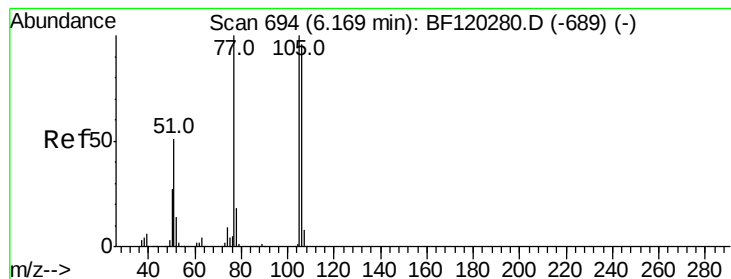


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 49.855 ng

RT: 6.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

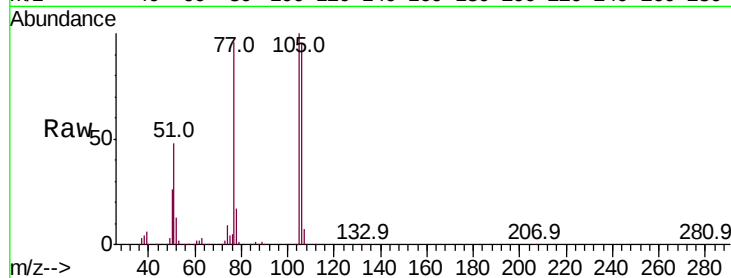
Tot Ion: 77 Resp: 636322

Ion Ratio Lower Upper

77 100

105 103.7 79.9 119.9

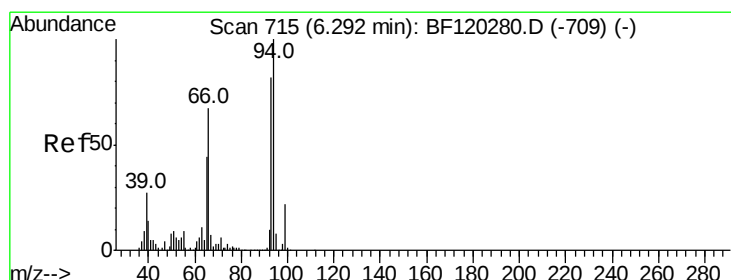
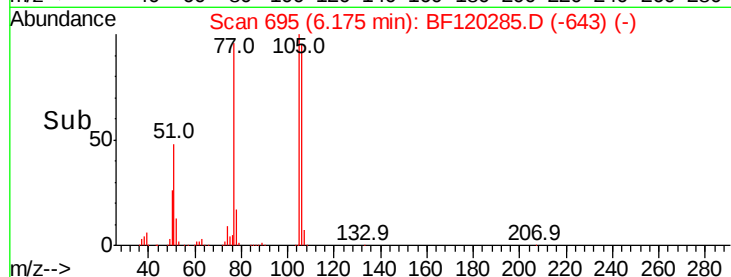
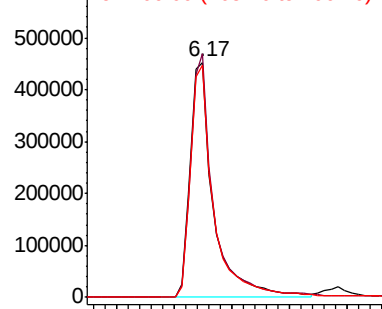
106 98.7 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.187 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

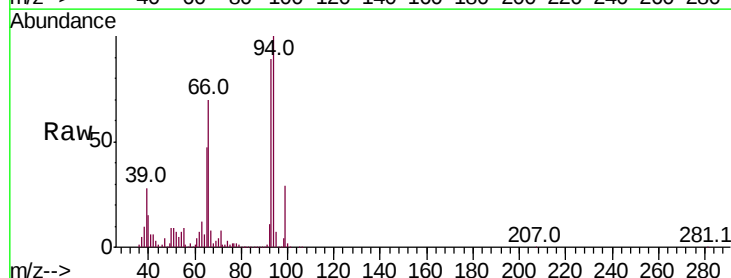
Tgt Ion: 94 Resp: 971283

Ion Ratio Lower Upper

94 100

65 46.9 24.1 64.1

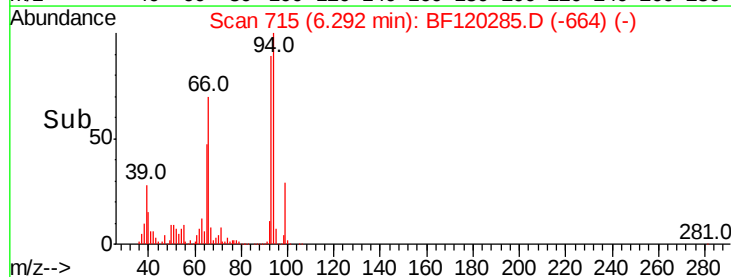
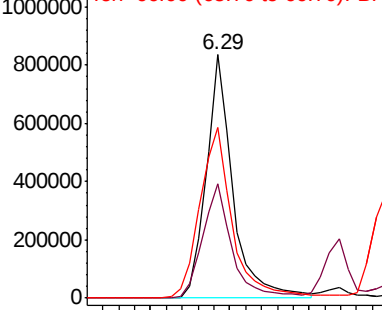
66 70.3 47.5 87.5

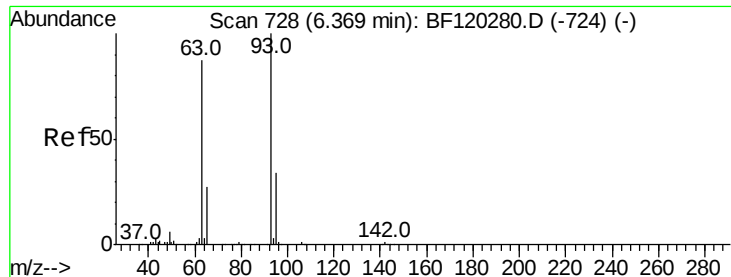


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

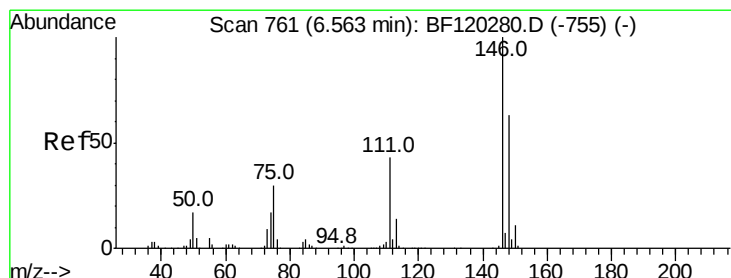
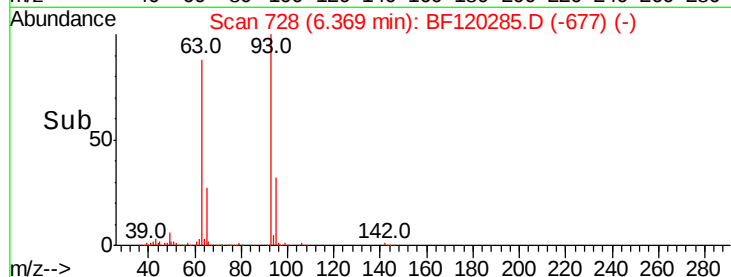
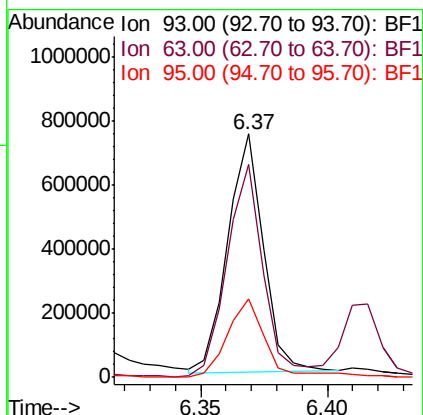
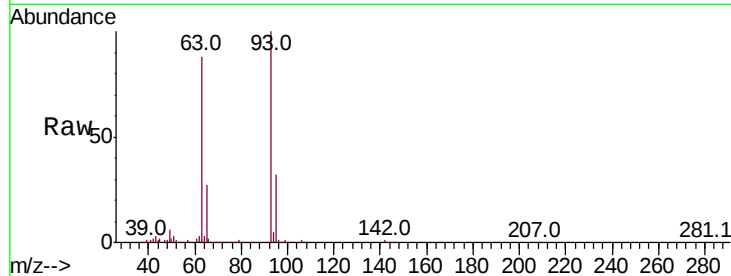




#11
bis(2-Chloroethyl)ether
Concen: 37.308 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

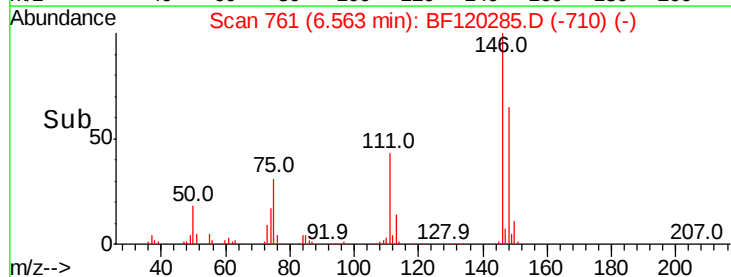
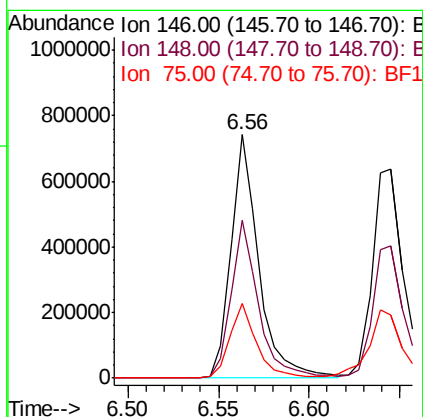
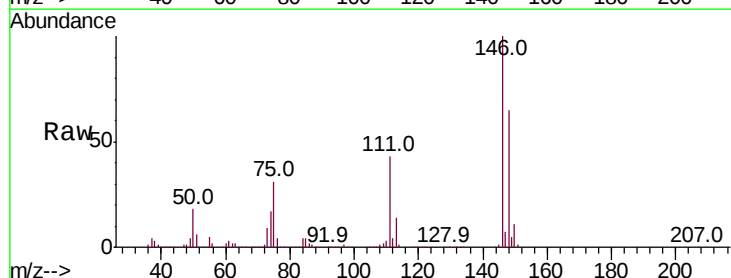
Instrument :
BNA_F
ClientSampleId :
ICVBF051420

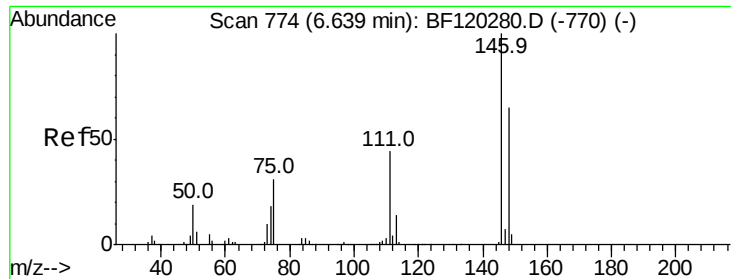
Tot Ion: 93 Resp: 720270
Ion Ratio Lower Upper
93 100
63 87.7 65.4 105.4
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.768 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

Tgt Ion: 146 Resp: 791904
Ion Ratio Lower Upper
146 100
148 64.7 50.5 75.7
75 30.8 24.2 36.4

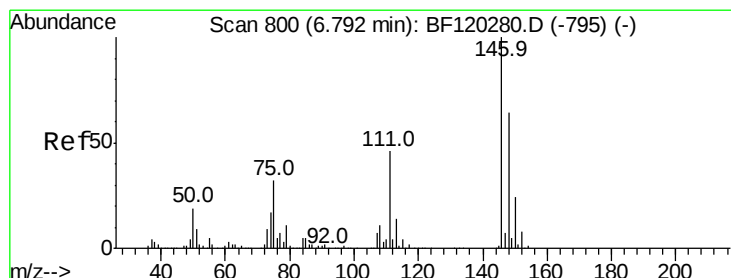
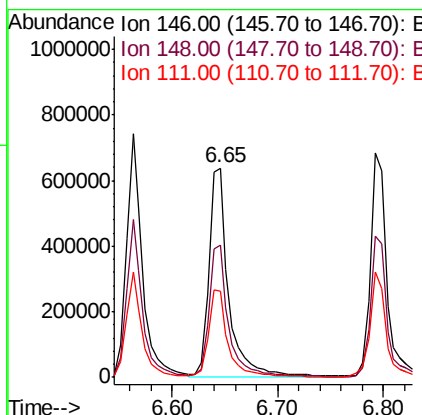
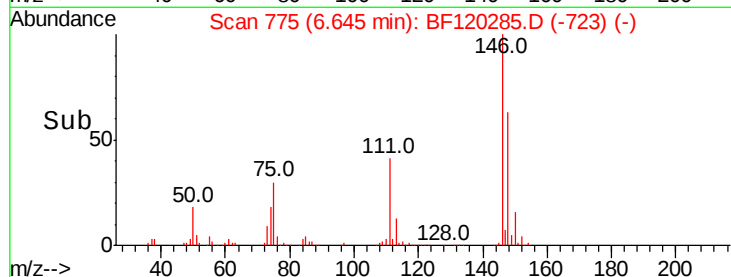
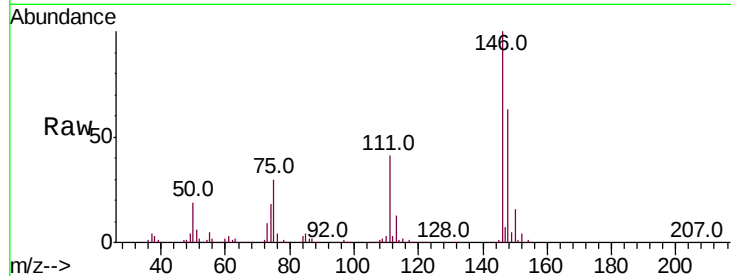




#13
 1,4-Dichlorobenzene
 Concen: 39.773 ng
 RT: 6.65 min Scan# 775
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

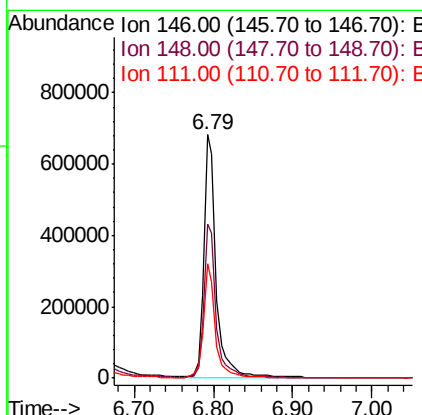
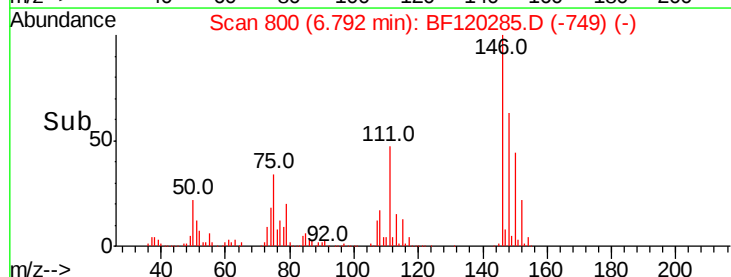
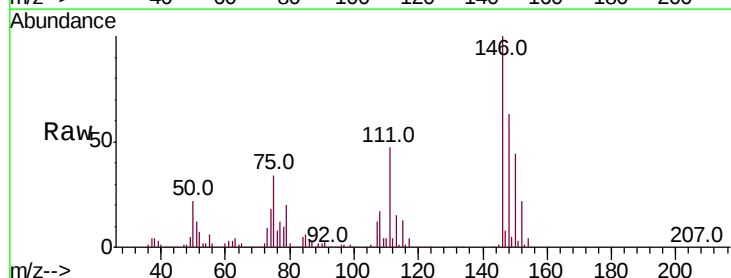
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051420

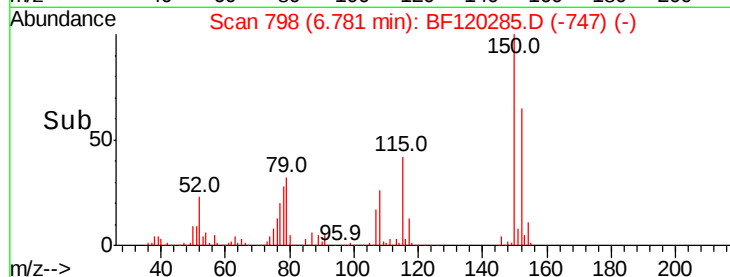
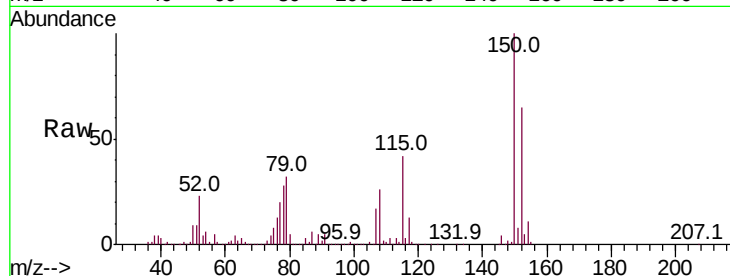
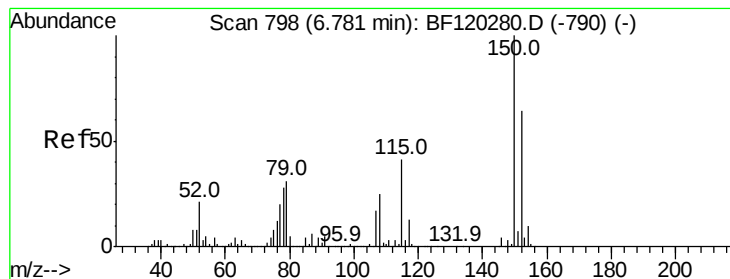
Tot Ion:146 Resp: 836755
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.6 77.4
 111 41.5 35.1 52.7



#14
 1,2-Dichlorobenzene
 Concen: 39.243 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

Tgt Ion:146 Resp: 743488
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 46.8 36.6 55.0





#15

Benzyl Alcohol

Concen: 40.171 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

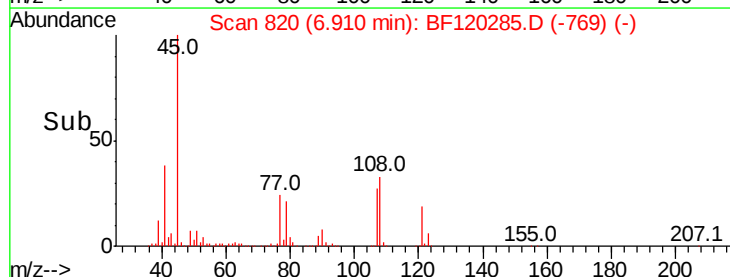
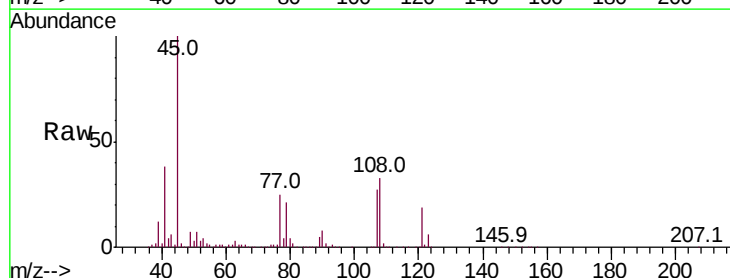
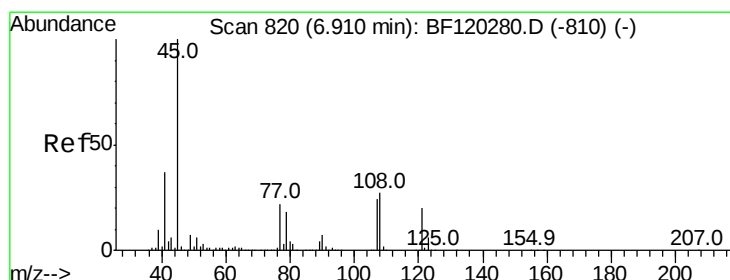
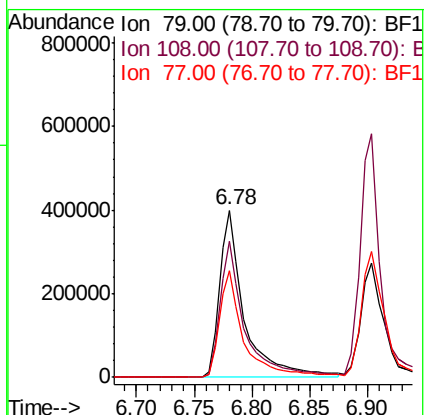
BNA_F

ClientSampleId :

ICVBF051420

Tot Ion: 79 Resp: 590877

Ion	Ratio	Lower	Upper
79	100		
108	81.3	64.2	96.4
77	63.9	51.6	77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.637 ng

RT: 6.91 min Scan# 820

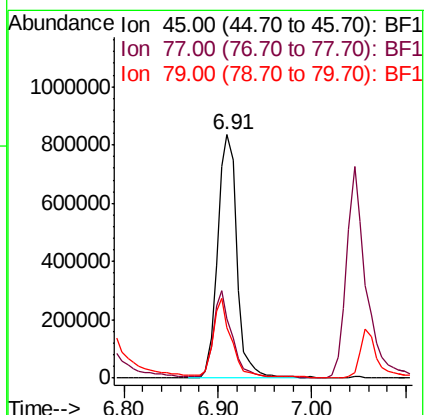
Delta R.T. -0.00 min

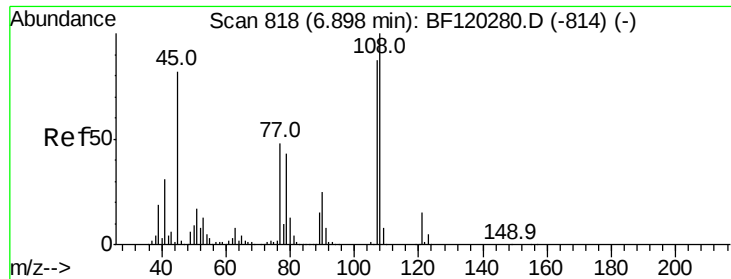
Lab File: BF120285.D

Acq: 14 May 2020 12:50

Tgt Ion: 45 Resp: 1205957

Ion	Ratio	Lower	Upper
45	100		
77	24.5	3.1	43.1
79	20.8	0.0	40.0





#17

2-Methylphenol

Concen: 38.145 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

Tot Ion:107 Resp: 614706

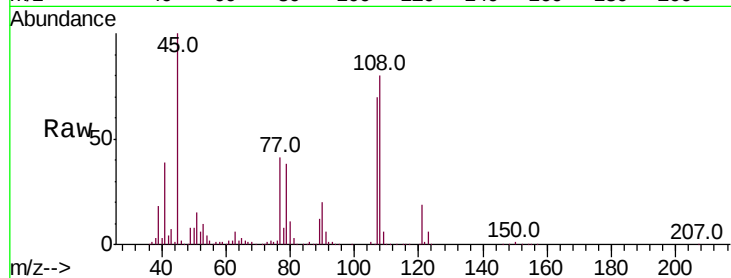
Ion Ratio Lower Upper

107 100

108 115.6 92.4 138.6

77 59.5 44.5 66.7

79 54.2 40.4 60.6

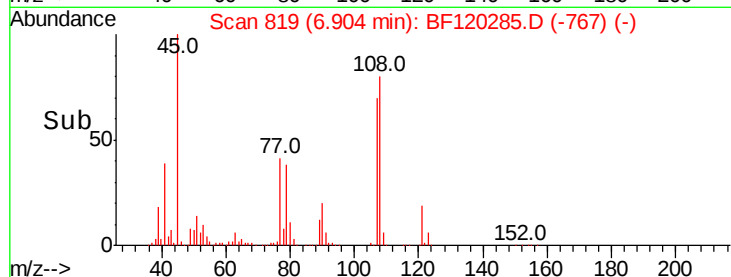
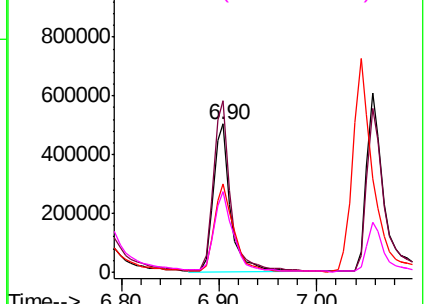


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.896 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

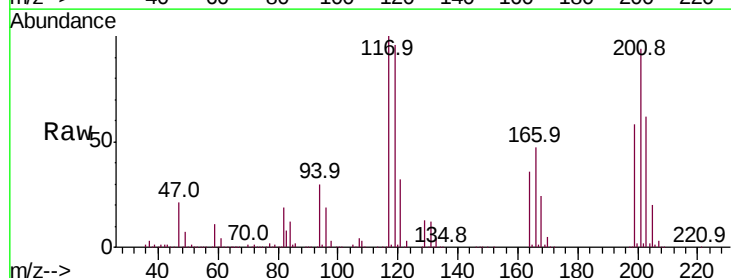
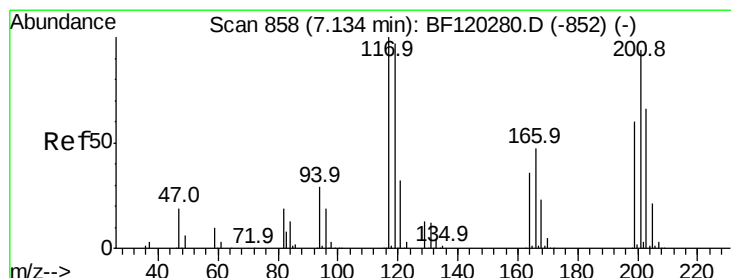
Tgt Ion:117 Resp: 303728

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.0

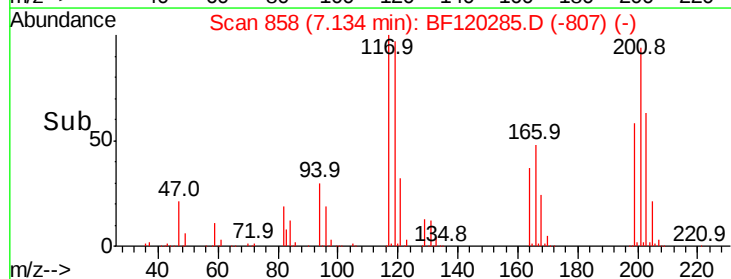
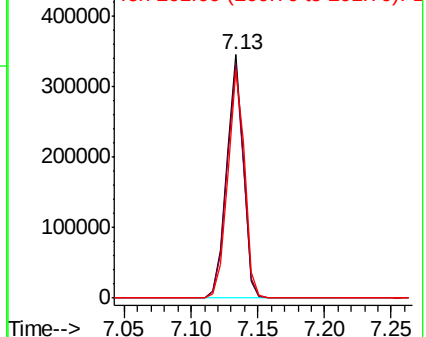
201 93.5 74.9 112.3

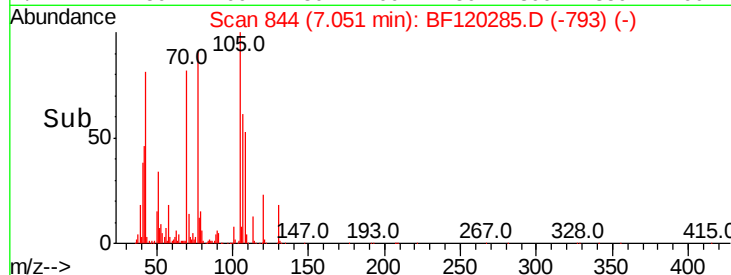
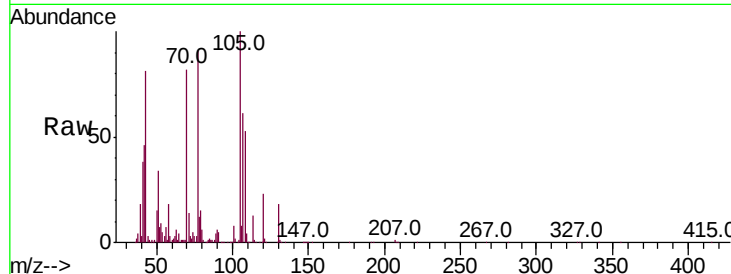
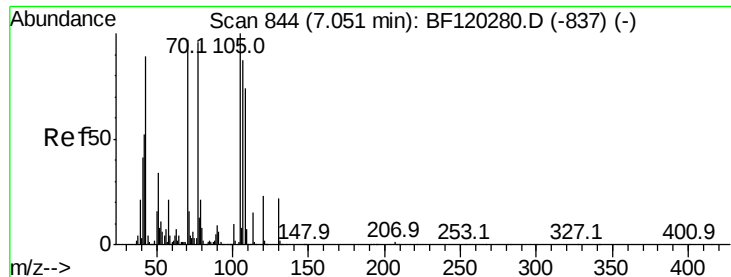


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

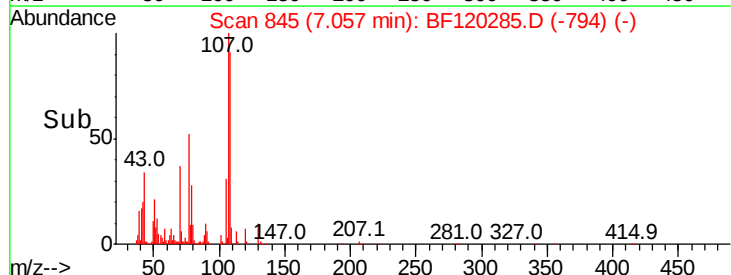
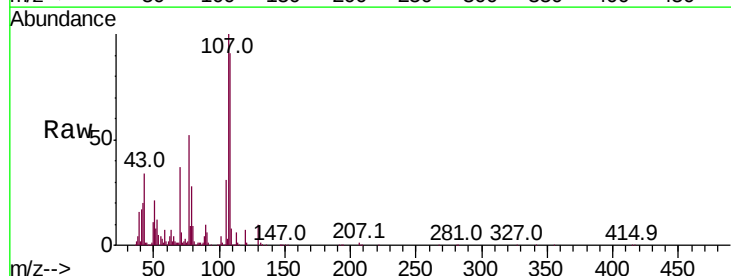
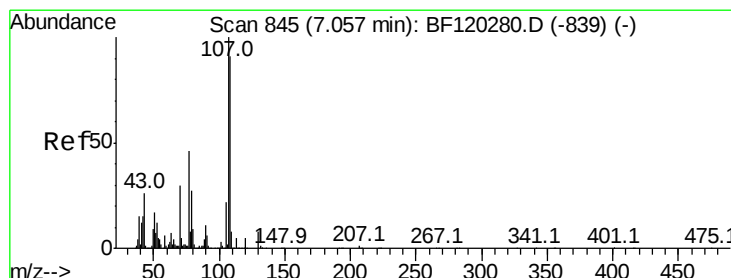
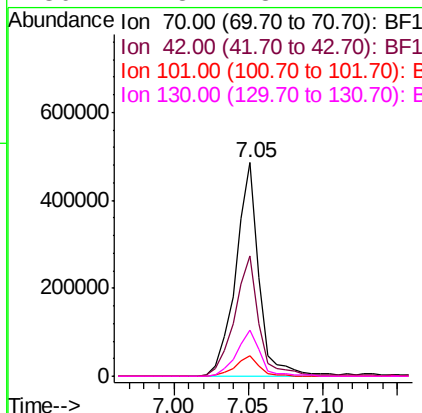




#19
n-Nitroso-di-n-propylamine
Concen: 39.189 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

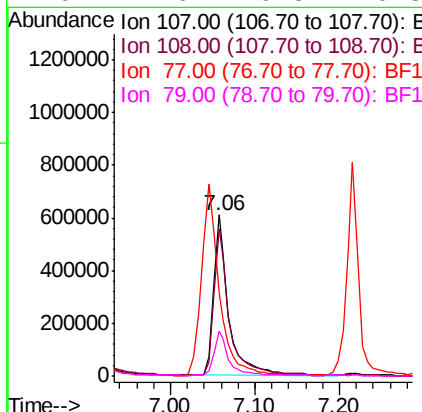
Instrument :
BNA_F
ClientSampleId :
ICVBF051420

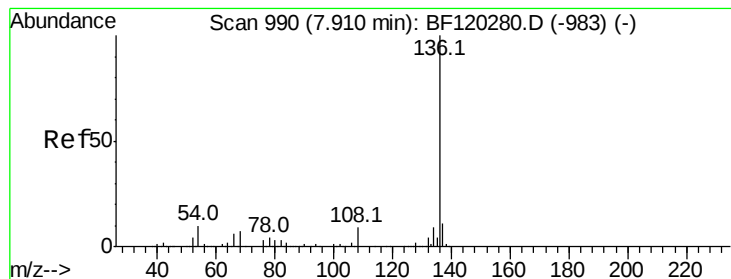
Tot Ion:	70	Resp:	531560
Ion	Ratio	Lower	Upper
70	100		
42	56.6	43.4	65.0
101	9.6	7.8	11.8
130	21.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 37.609 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

Tgt Ion:	107	Resp:	787981
Ion	Ratio	Lower	Upper
107	100		
108	91.3	71.1	111.1
77	51.9	28.1	68.1
79	27.6	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

Tot Ion:136 Resp: 1470246

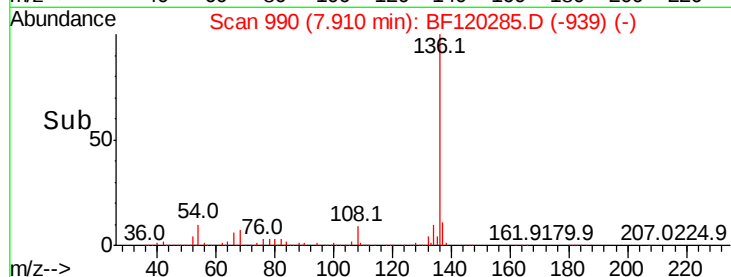
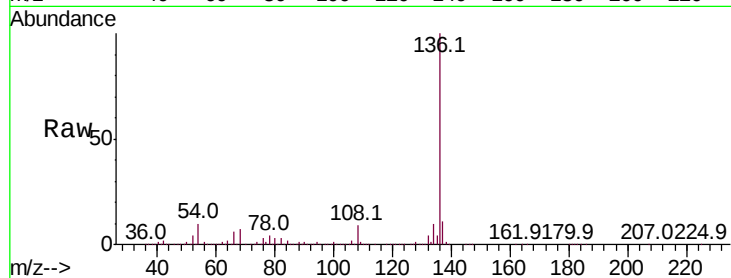
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.3 7.9 11.9

68 7.0 5.4 8.2

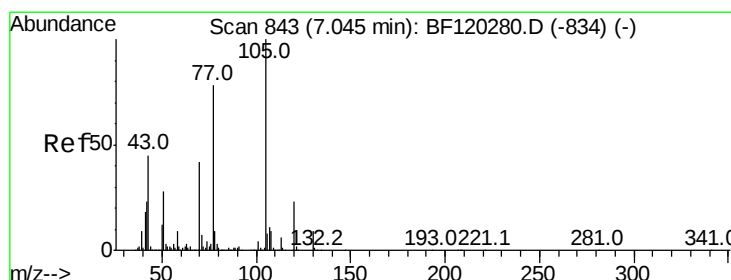
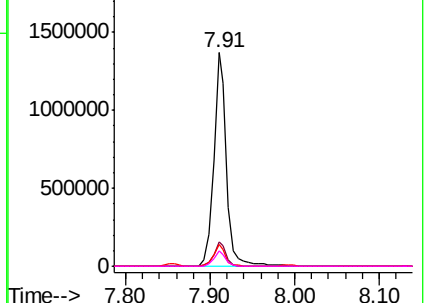


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 36.438 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Tgt Ion:105 Resp: 1097506

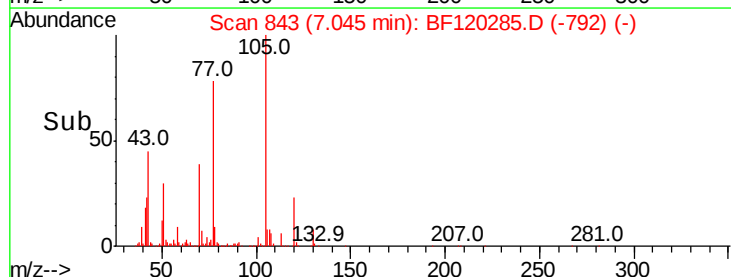
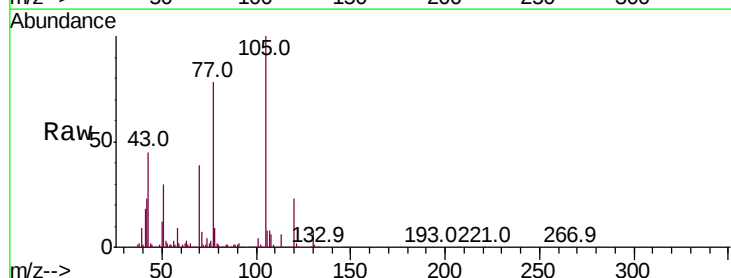
Ion Ratio Lower Upper

105 100

71 6.6 5.6 8.4

51 29.9 22.6 34.0

120 23.0 18.7 28.1

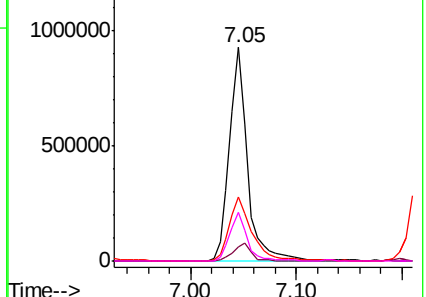


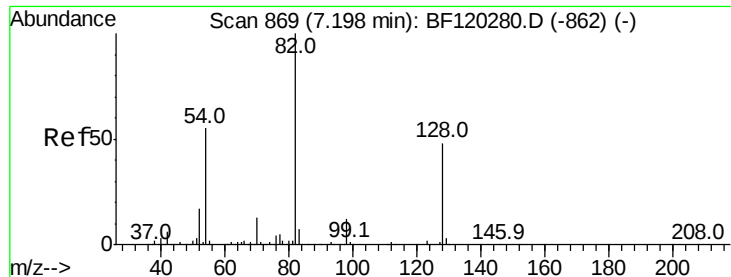
Abundance Ion 105.00 (104.70 to 105.70): E

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

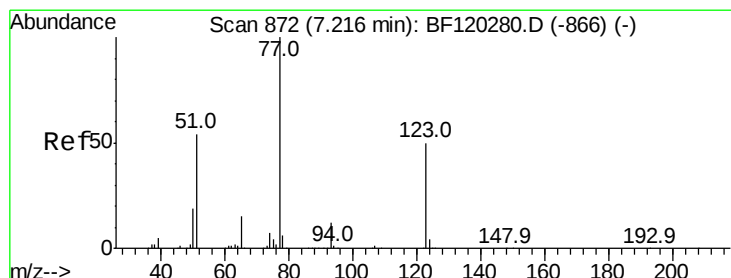
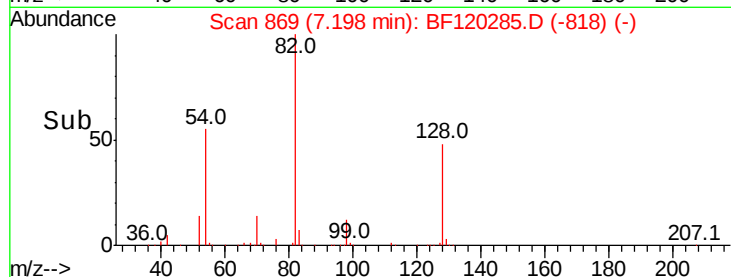
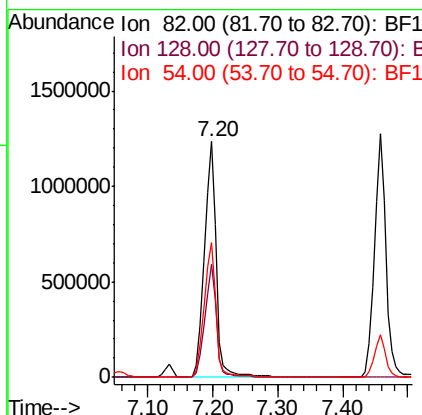
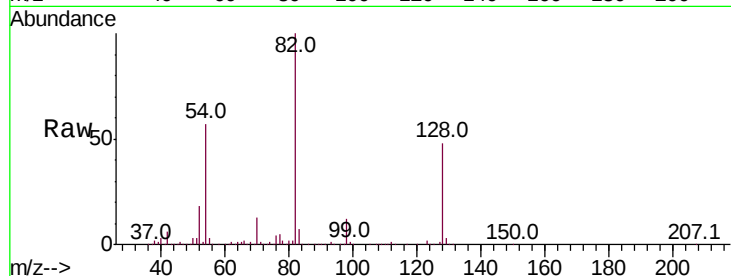




#23
Nitrobenzene-d5
Concen: 72.791 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

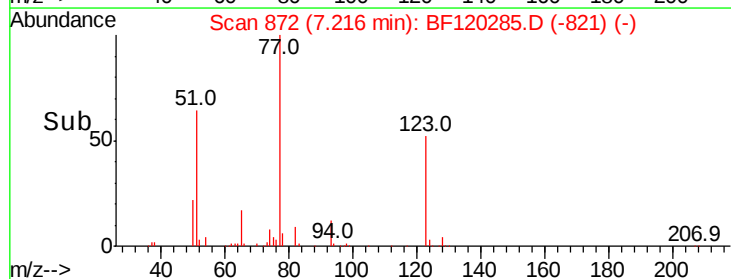
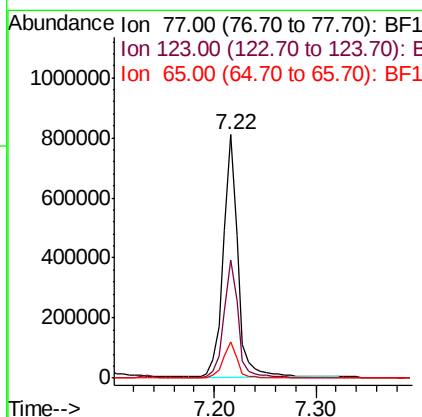
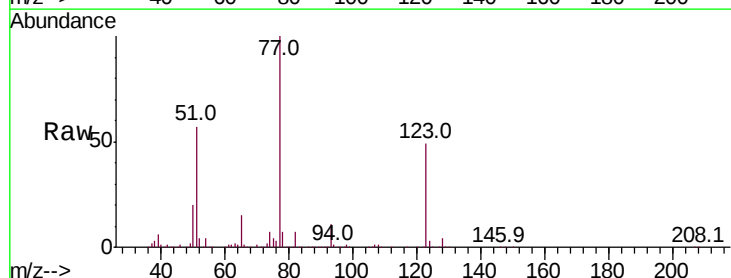
Instrument :
BNA_F
ClientSampleId :
ICVBF051420

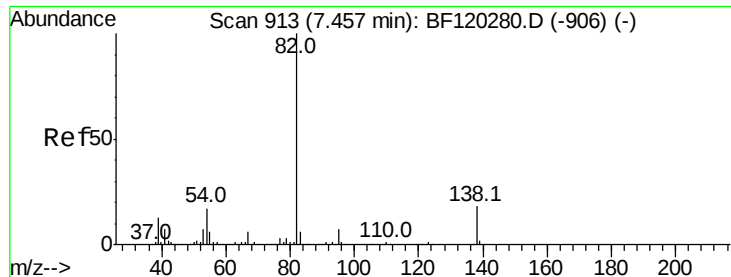
Tot Ion: 82 Resp: 1563120
Ion Ratio Lower Upper
82 100
128 47.8 38.3 57.5
54 57.1 43.9 65.9



#24
Nitrobenzene
Concen: 34.741 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

Tgt Ion: 77 Resp: 802876
Ion Ratio Lower Upper
77 100
123 48.6 40.0 60.0
65 14.7 11.7 17.5





#25

Isophorone

Concen: 34.872 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

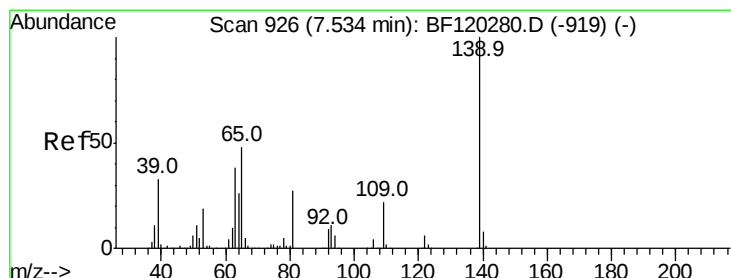
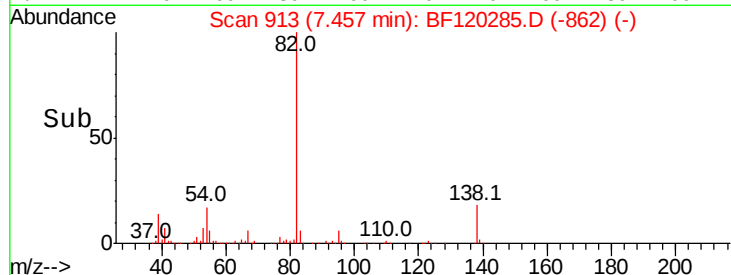
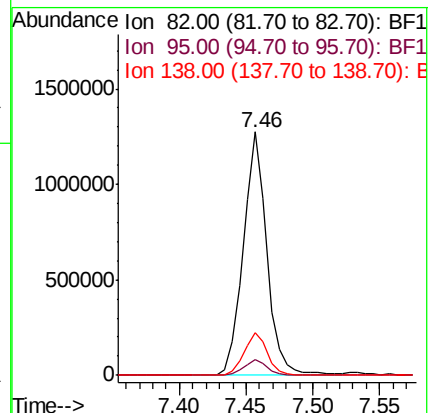
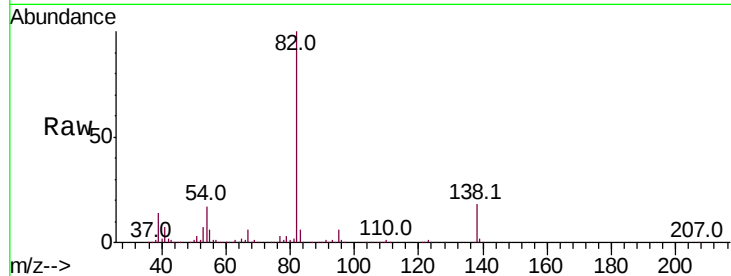
Tot Ion: 82 Resp: 1558115

Ion Ratio Lower Upper

82 100

95 6.3 5.4 8.0

138 17.6 14.7 22.1



#26

2-Nitrophenol

Concen: 36.358 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

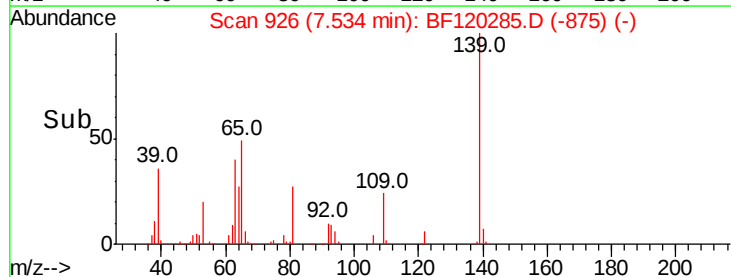
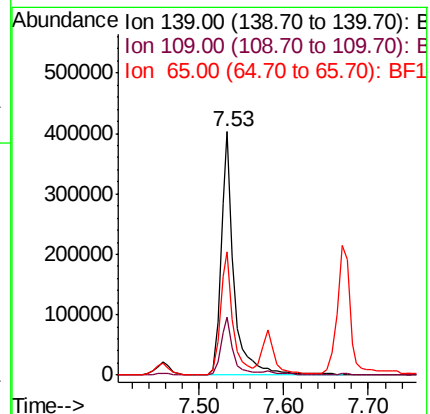
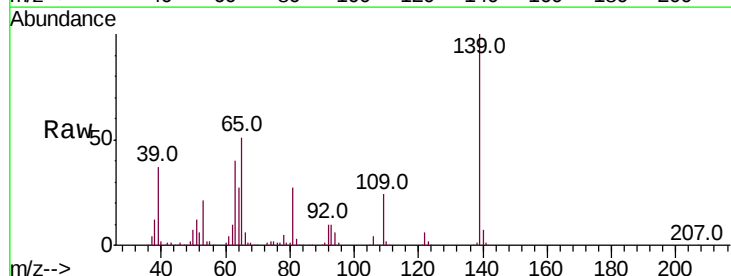
Tgt Ion: 139 Resp: 439456

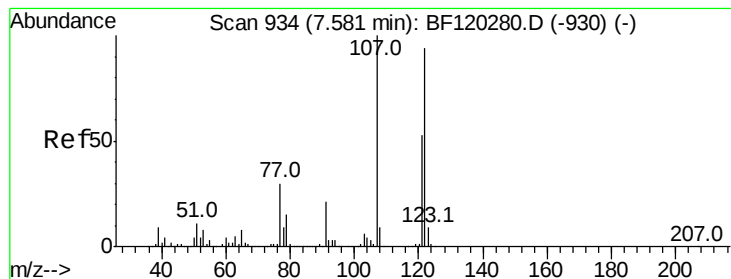
Ion Ratio Lower Upper

139 100

109 23.6 17.7 26.5

65 50.7 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 38.611 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

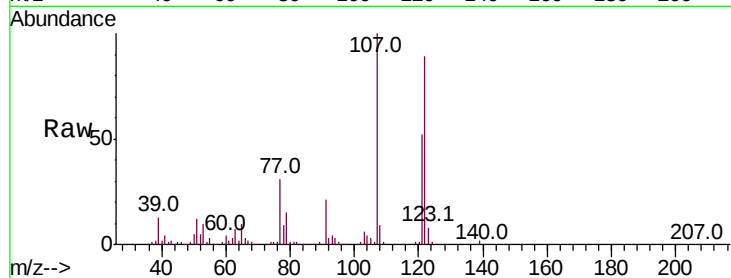
Tot Ion:122 Resp: 678876

Ion Ratio Lower Upper

122 100

107 111.7 85.0 127.6

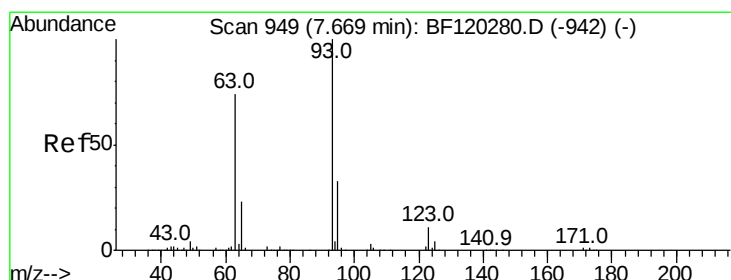
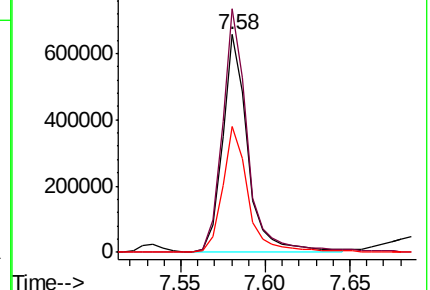
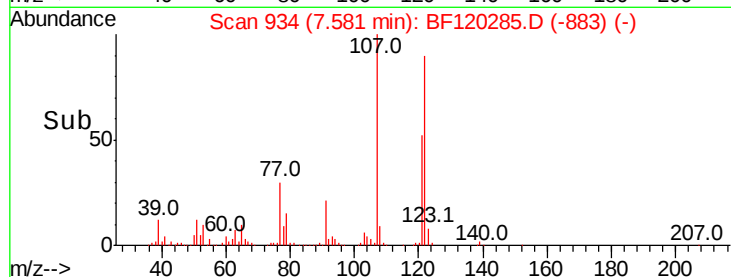
121 57.6 45.1 67.7



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: 35.524 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

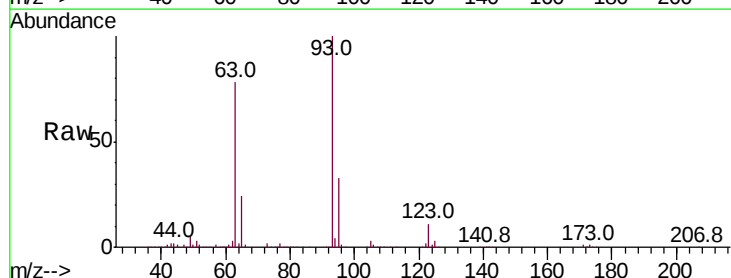
Tgt Ion: 93 Resp: 997647

Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

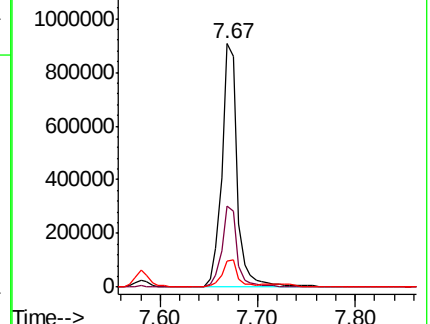
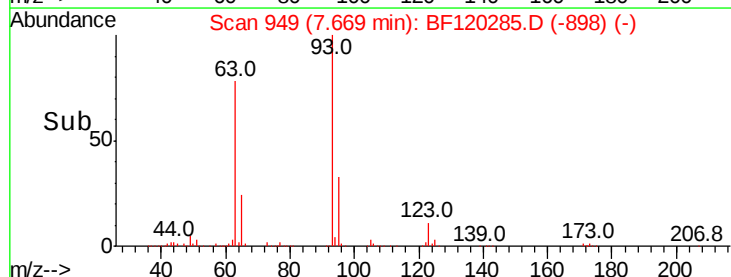
123 10.9 9.2 13.8

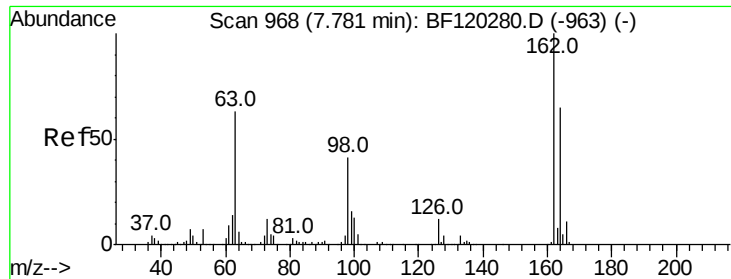


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.312 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

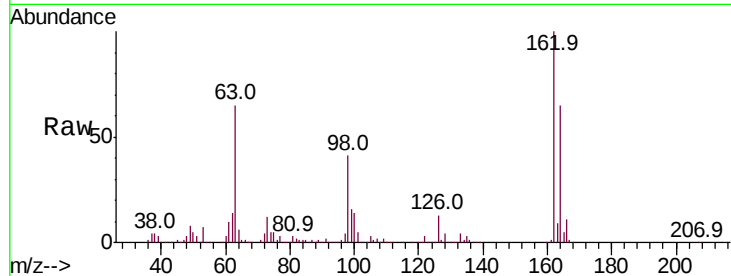
Tot Ion:162 Resp: 691827

Ion Ratio Lower Upper

162 100

164 64.9 44.9 84.9

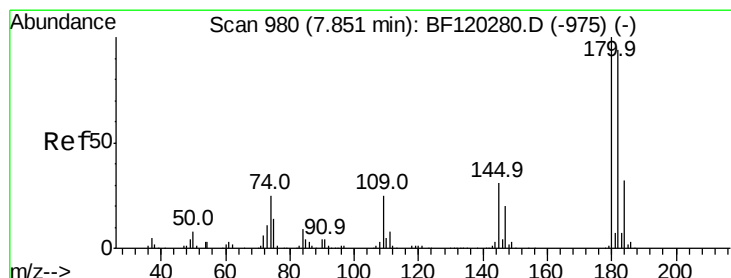
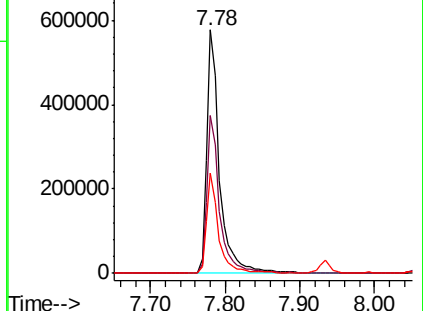
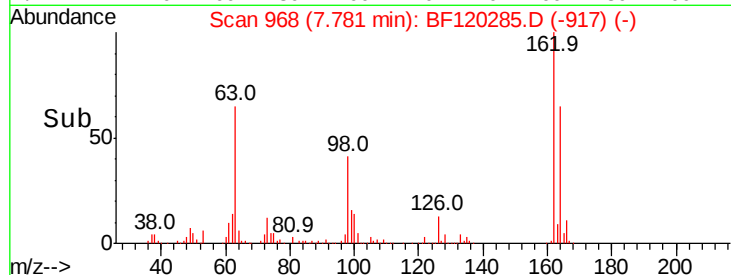
98 40.9 20.7 60.7



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: 39.272 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

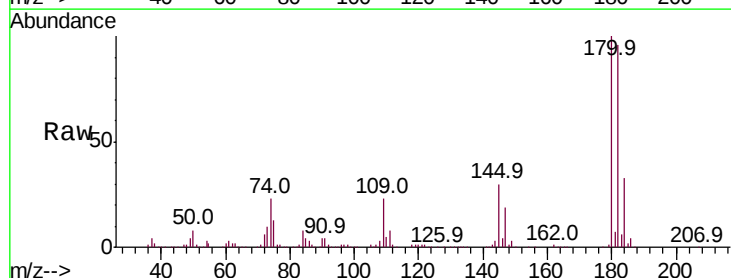
Tgt Ion:180 Resp: 785866

Ion Ratio Lower Upper

180 100

182 95.9 75.3 112.9

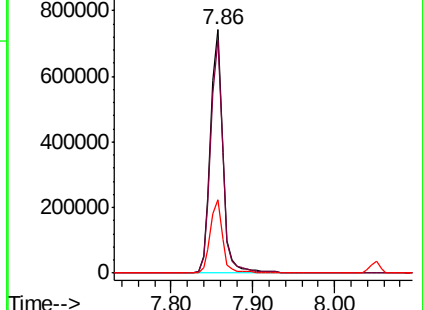
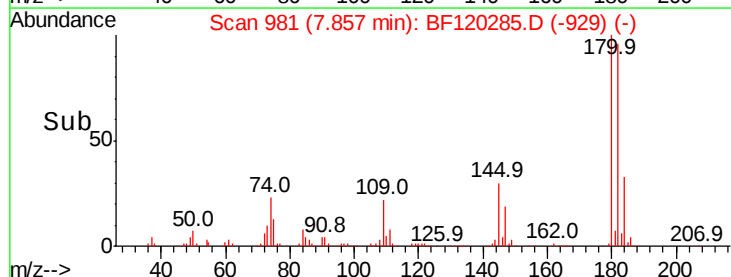
145 30.1 24.9 37.3

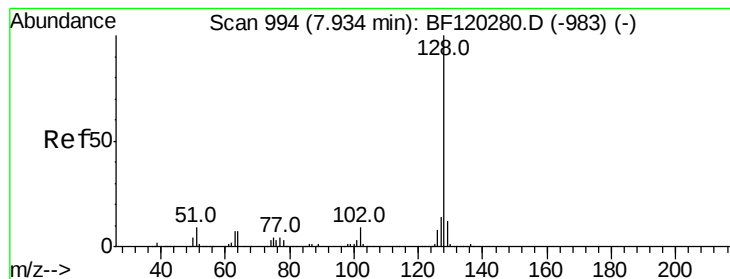


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.226 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

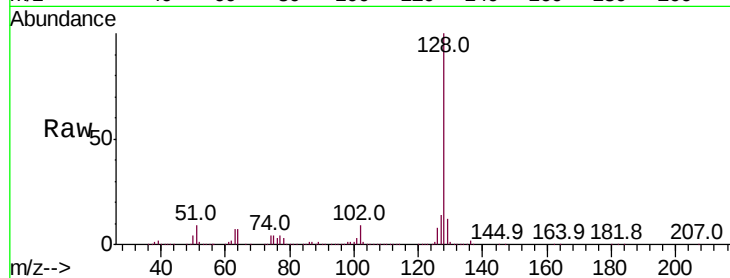
Tot Ion:128 Resp: 2496046

Ion Ratio Lower Upper

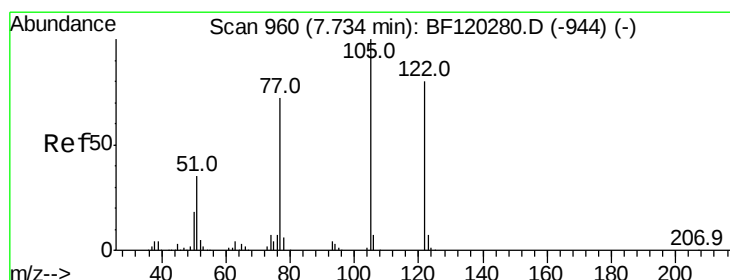
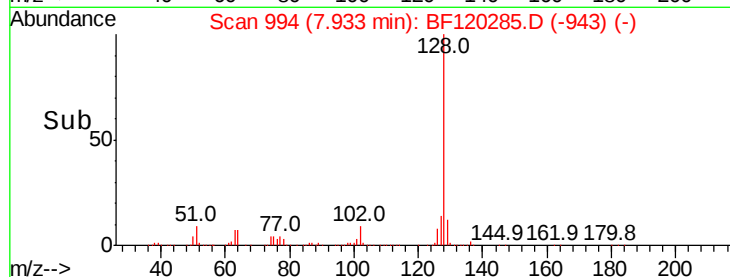
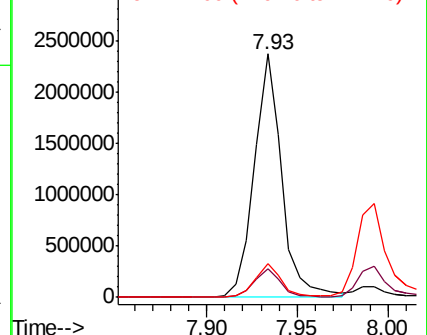
128 100

129 11.7 9.3 13.9

127 13.7 11.2 16.8



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



#32

Benzoic acid

Concen: 37.224 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

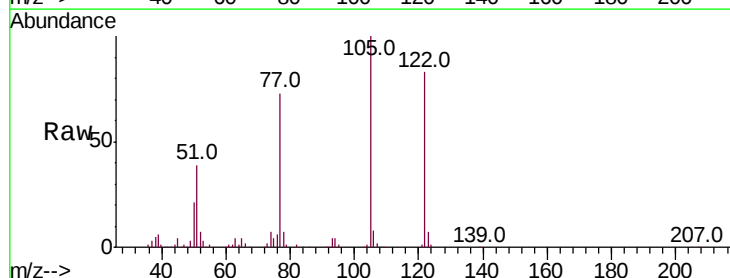
Tgt Ion:122 Resp: 429001

Ion Ratio Lower Upper

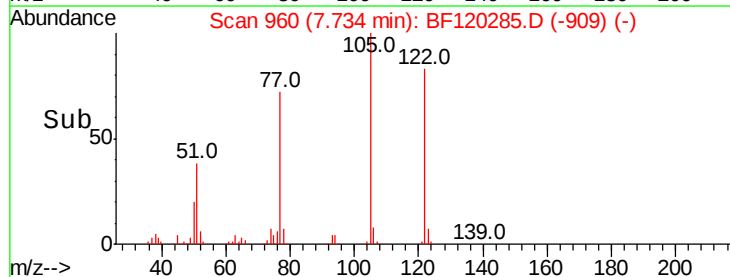
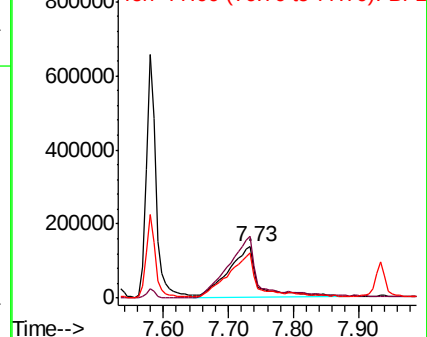
122 100

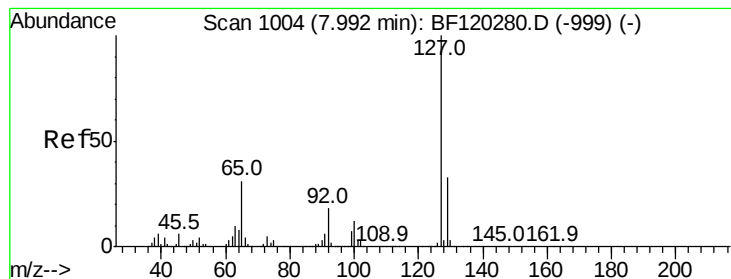
105 121.0 98.1 138.1

77 88.3 66.7 106.7



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





#33

4-Chloroaniline

Concen: 39.547 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

Tot Ion:127 Resp: 1118326

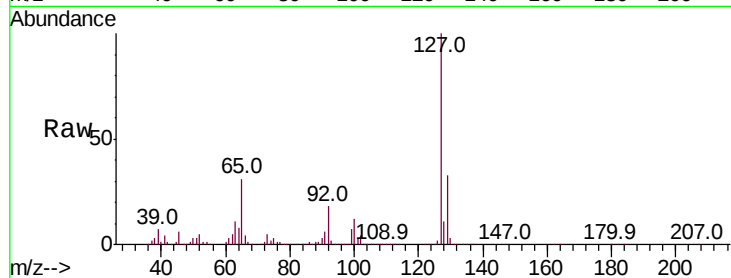
Ion Ratio Lower Upper

127 100

129 33.3 26.4 39.6

65 31.0 24.8 37.2

92 18.4 14.5 21.7

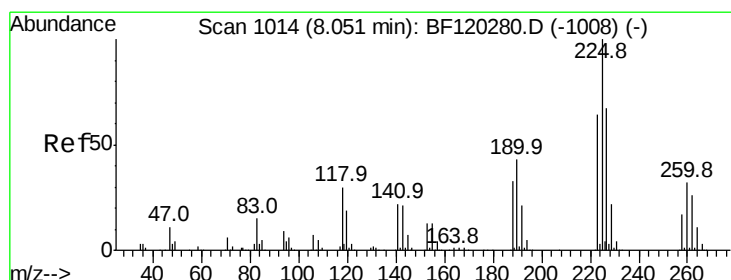
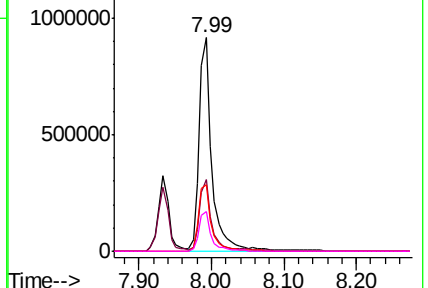
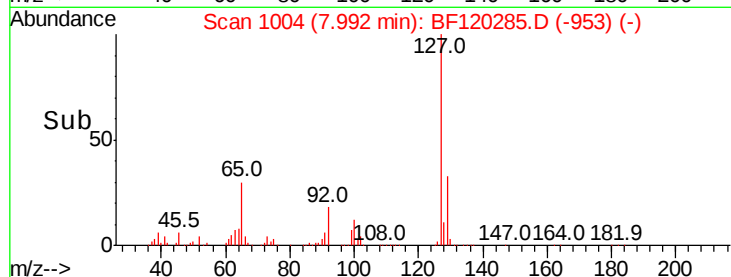


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.093 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

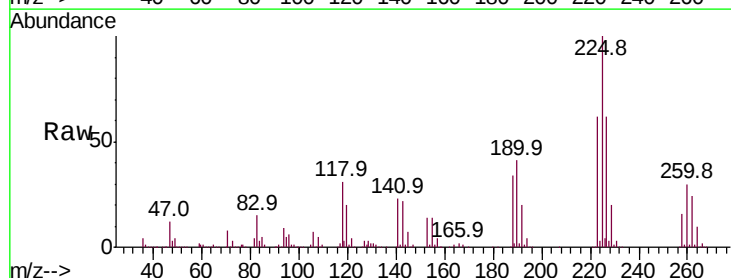
Tgt Ion:225 Resp: 440595

Ion Ratio Lower Upper

225 100

223 61.5 51.4 77.0

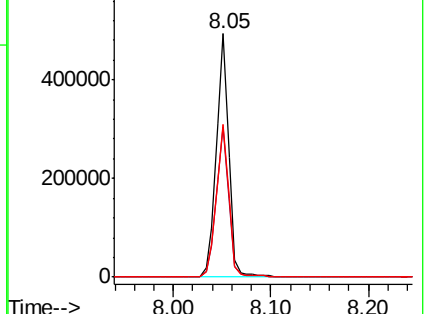
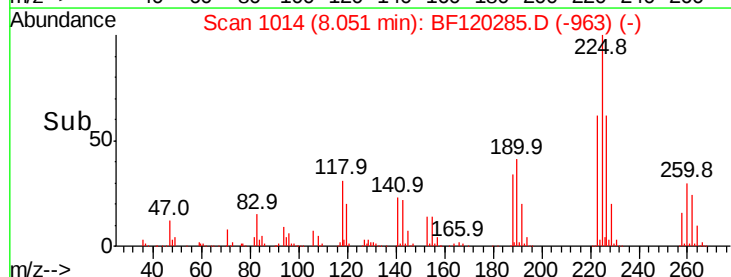
227 62.5 54.0 81.0

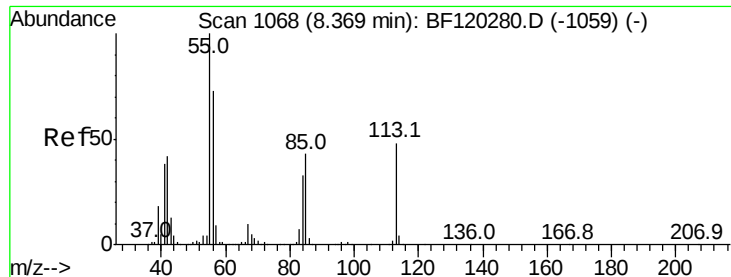


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

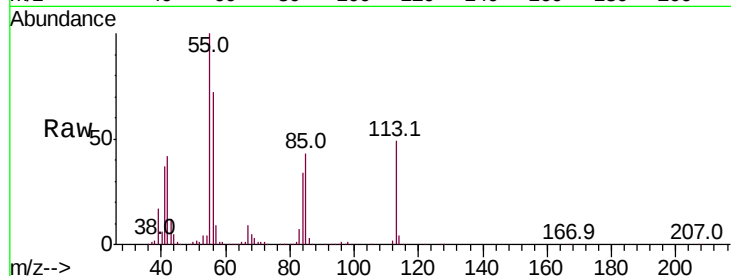




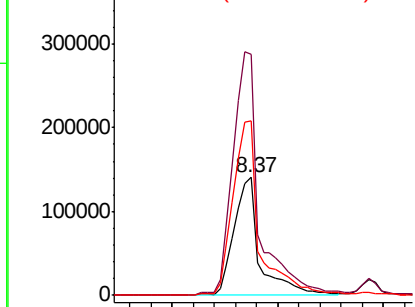
#35
 Caprolactam
 Concen: 40.227 ng
 RT: 8.37 min Scan# 1069
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051420

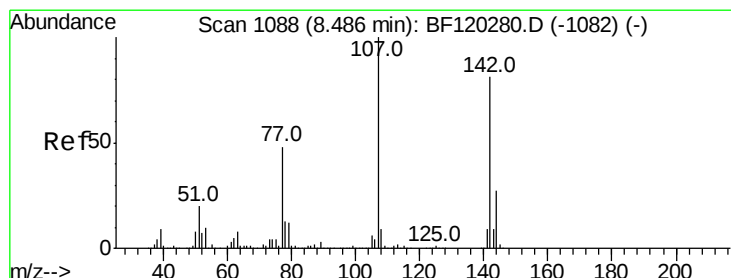
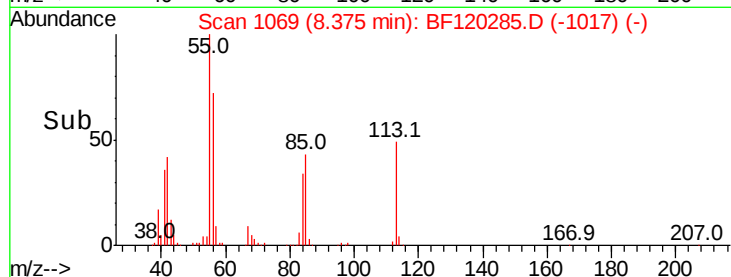
Tot Ion:113 Resp: 237649
 Ion Ratio Lower Upper
 113 100
 55 204.0 190.4 230.4
 56 147.5 132.7 172.7



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

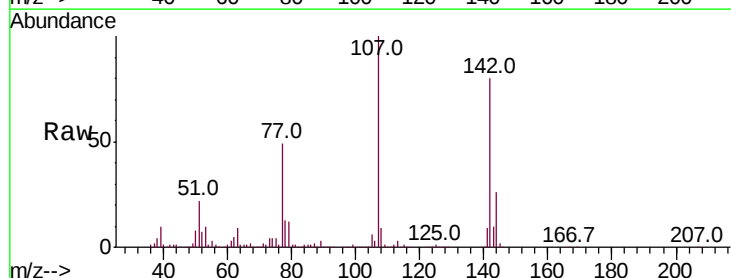


Time-->

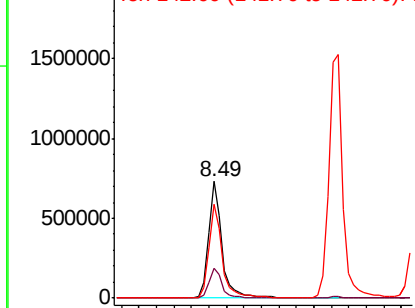


#36
 4-Chloro-3-methylphenol
 Concen: 40.030 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

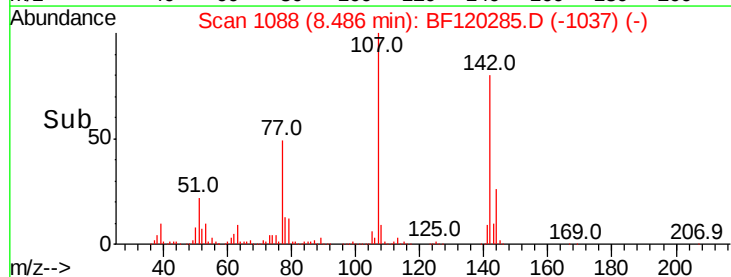
Tgt Ion:107 Resp: 781979
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.4 32.2
 142 79.9 65.1 97.7

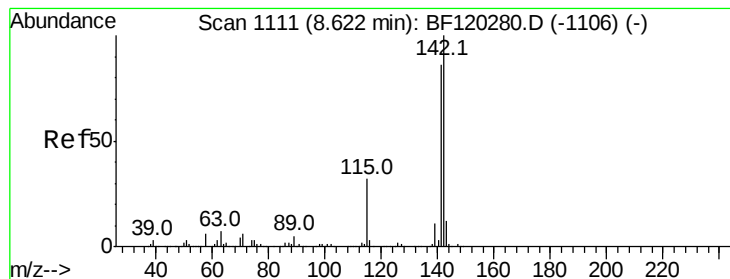


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



Time-->





#37

2-Methylnaphthalene

Concen: 39.635 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

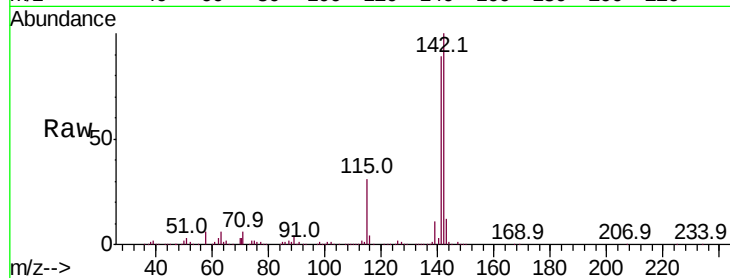
Tot Ion:142 Resp: 1683025

Ion Ratio Lower Upper

142 100

141 88.5 68.8 103.2

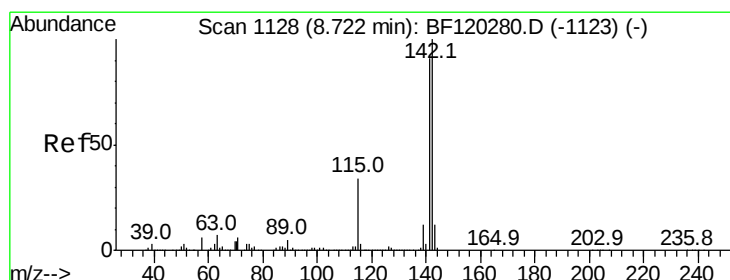
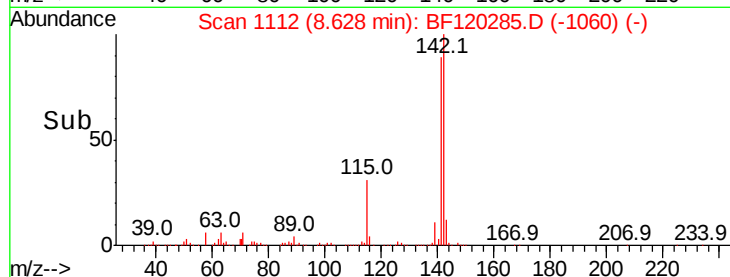
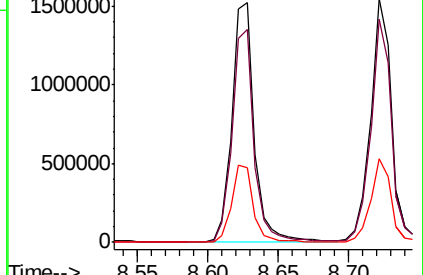
115 31.2 25.7 38.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.007 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

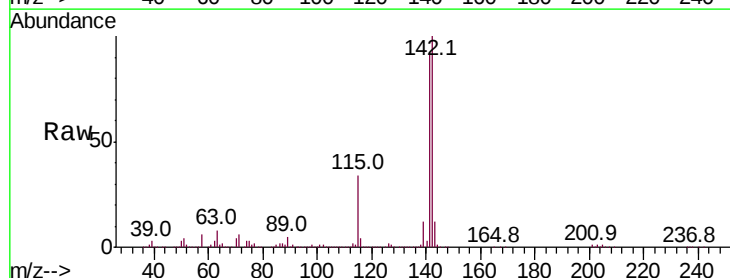
Tgt Ion:142 Resp: 1647680

Ion Ratio Lower Upper

142 100

141 91.8 73.0 109.6

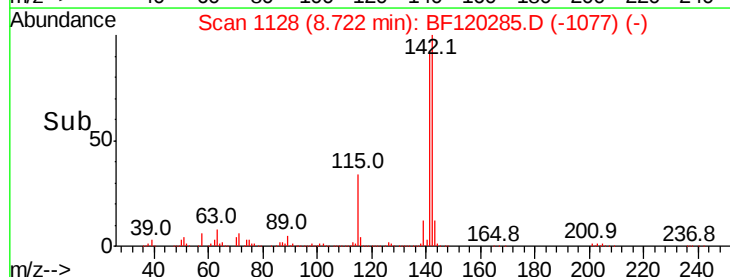
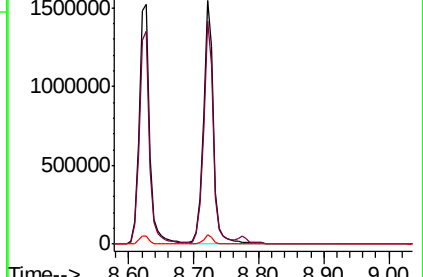
116 3.7 2.7 4.1

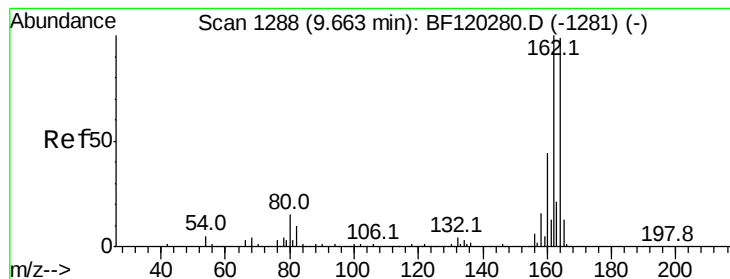


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

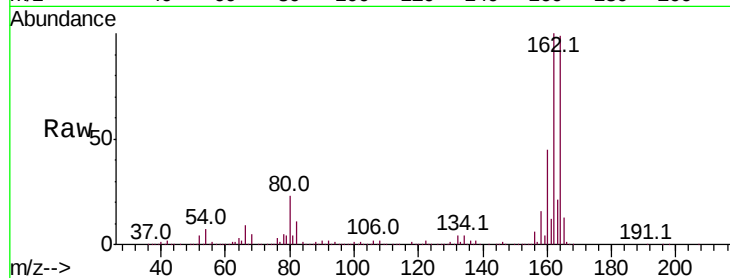
Tot Ion:164 Resp: 757798

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

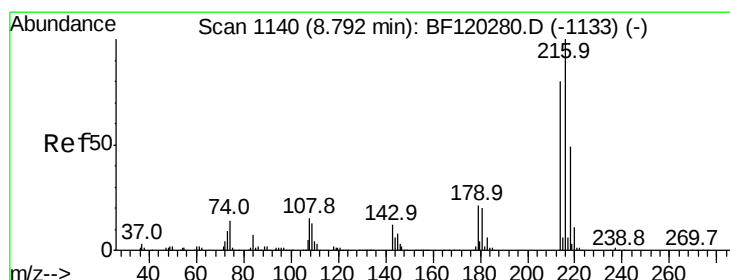
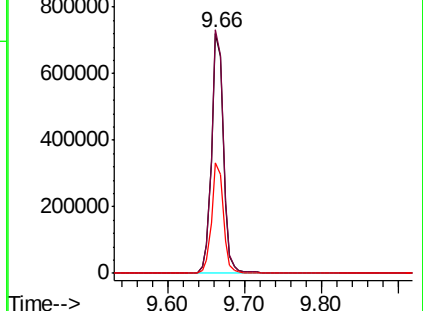
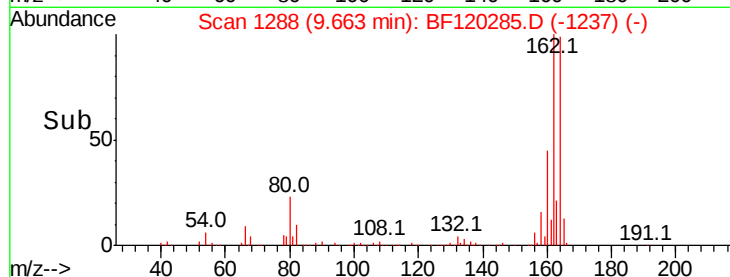
160 45.9 35.8 53.6



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: 41.831 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Tgt Ion:216 Resp: 799317

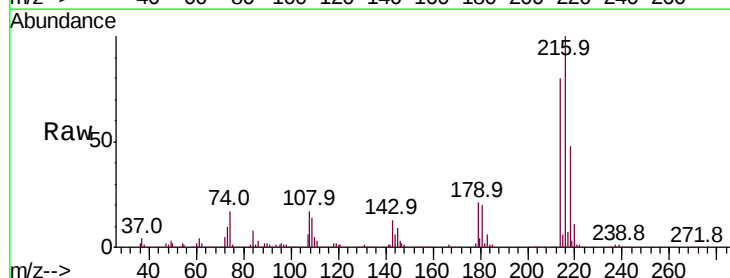
Ion Ratio Lower Upper

216 100

214 79.2 64.0 96.0

179 20.7 16.9 25.3

108 17.7 14.2 21.2

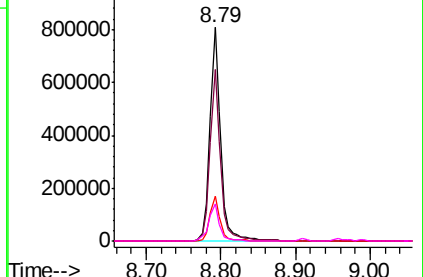
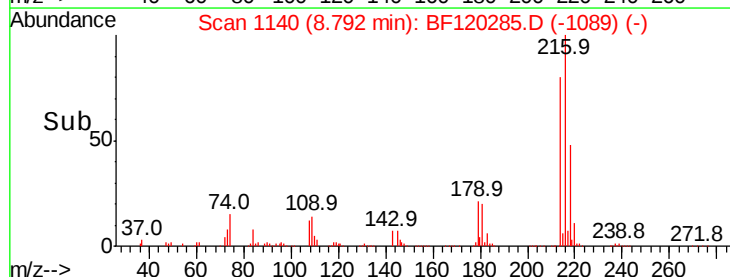


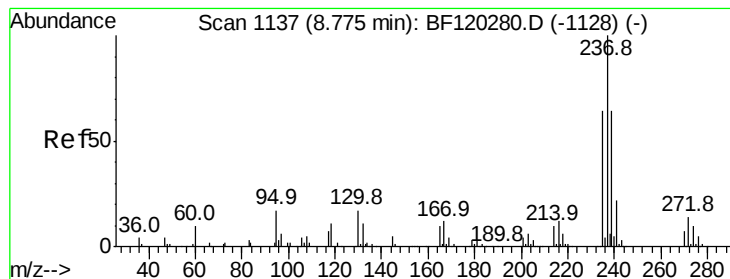
Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.239 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

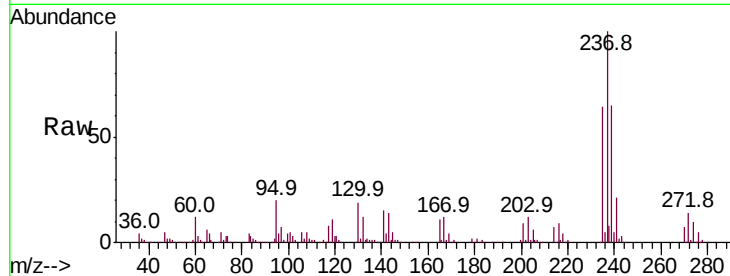
Tot Ion:237 Resp: 297462

Ion Ratio Lower Upper

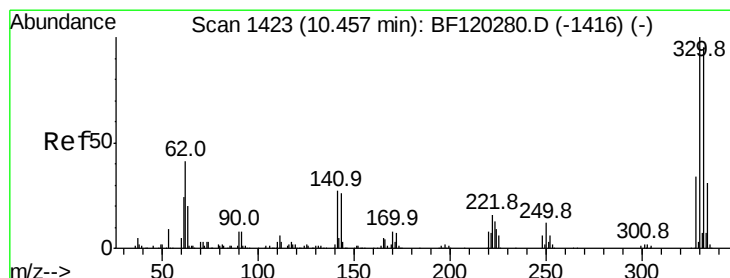
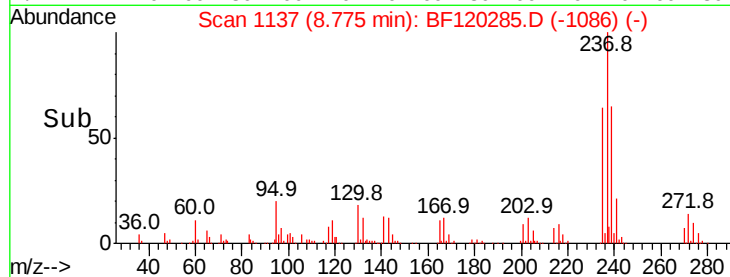
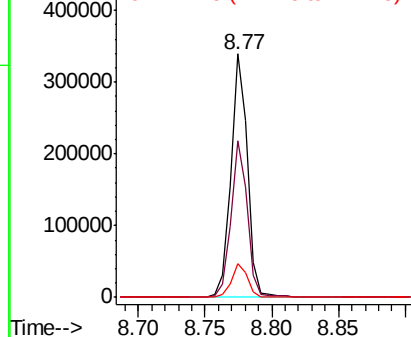
237 100

235 64.1 43.8 83.8

272 13.8 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: 71.454 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

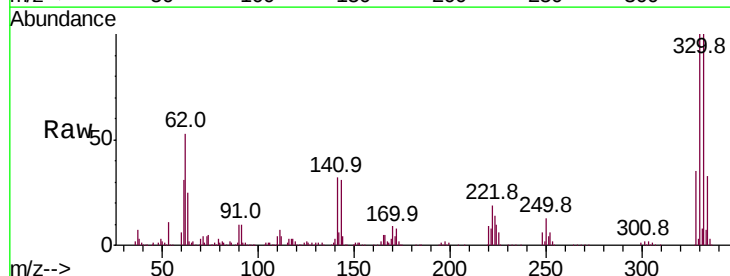
Tgt Ion:330 Resp: 441490

Ion Ratio Lower Upper

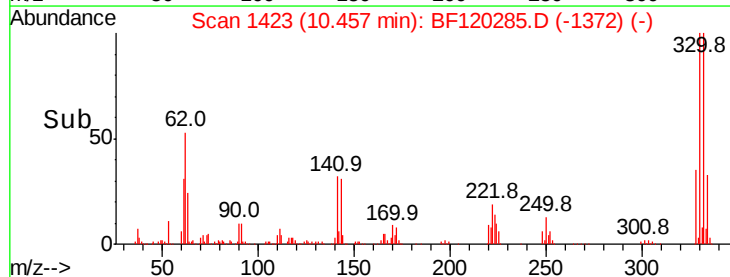
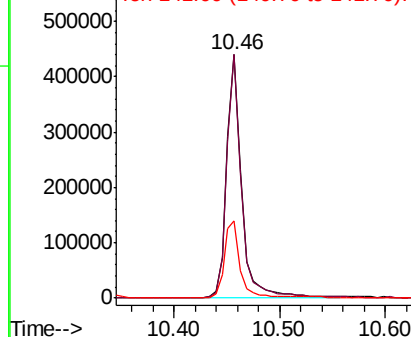
330 100

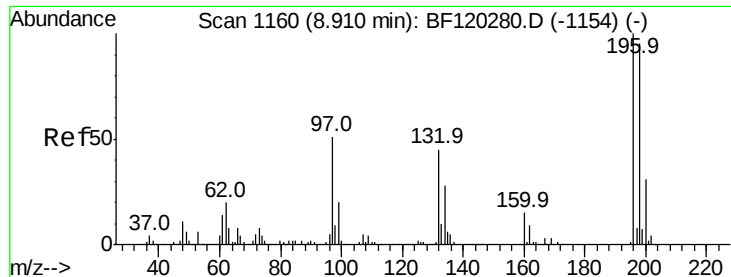
332 99.2 76.5 114.7

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

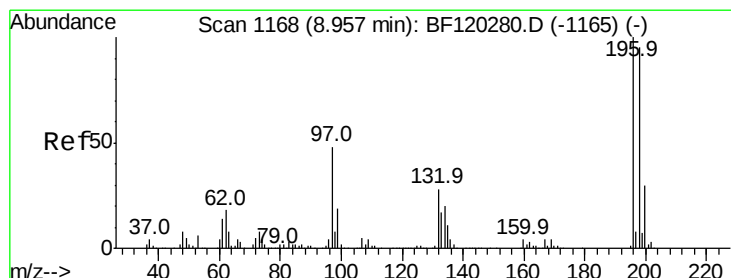
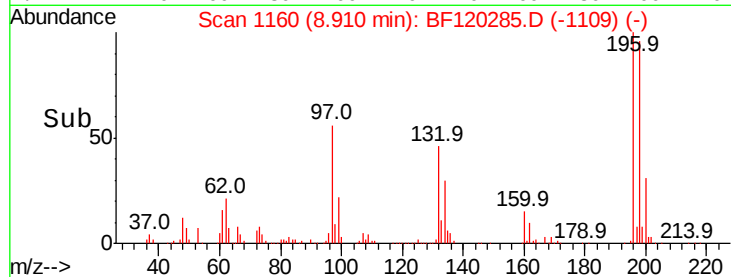
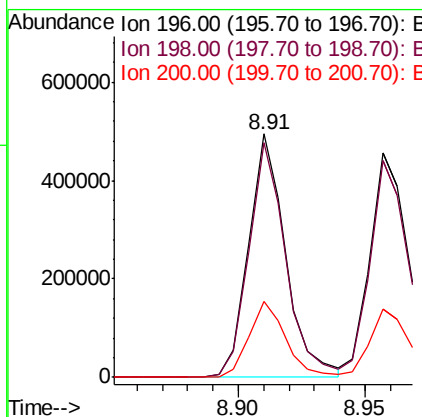
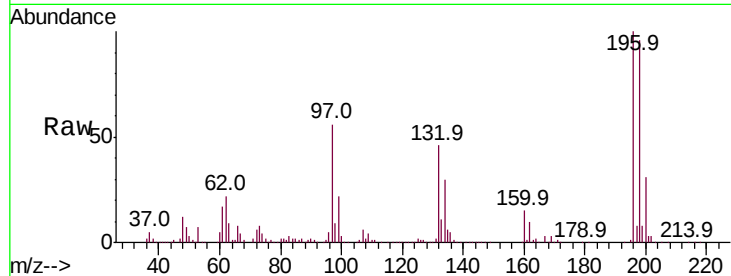




#43
 2,4,6-Trichlorophenol
 Concen: 39.203 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

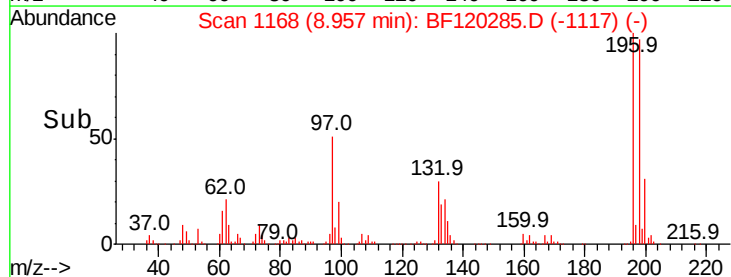
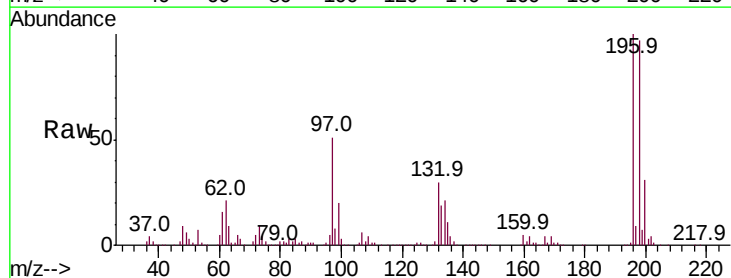
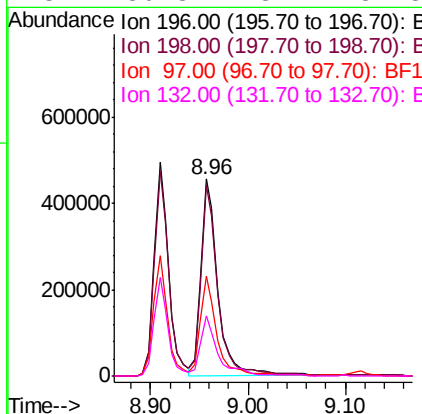
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051420

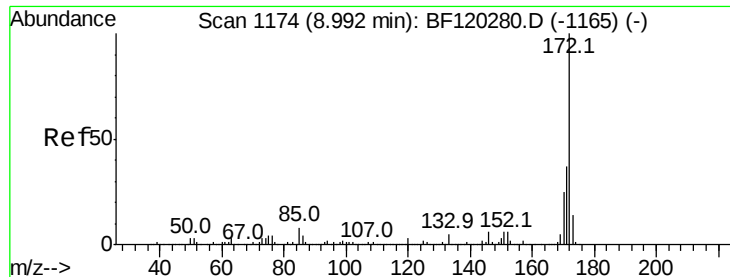
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.4
200	31.2	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 37.219 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.2	114.4
97	50.8	38.6	57.8
132	30.3	23.2	34.8





#45

2-Fluorobiphenyl

Concen: 83.452 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

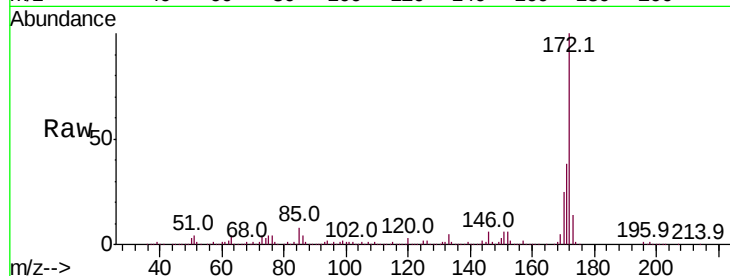
Tot Ion:172 Resp: 3078156

Ion Ratio Lower Upper

172 100

171 37.6 29.7 44.5

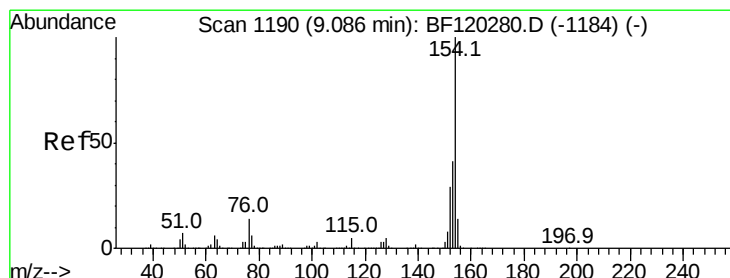
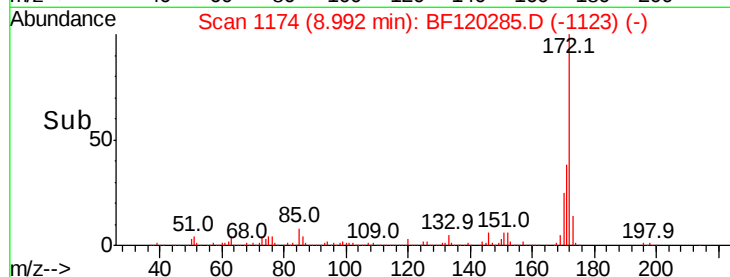
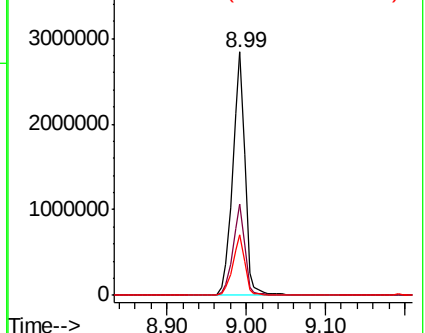
170 25.1 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.039 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

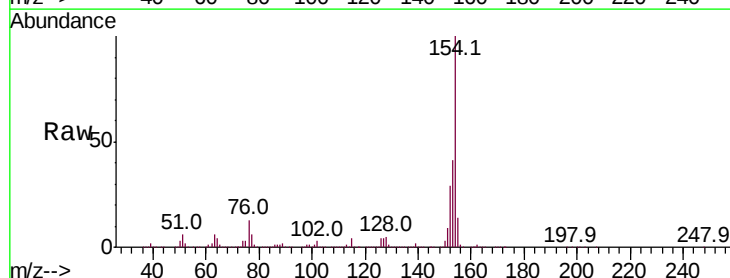
Tgt Ion:154 Resp: 2136988

Ion Ratio Lower Upper

154 100

153 41.2 20.8 60.8

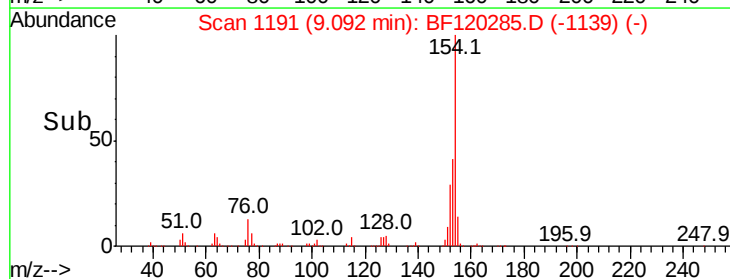
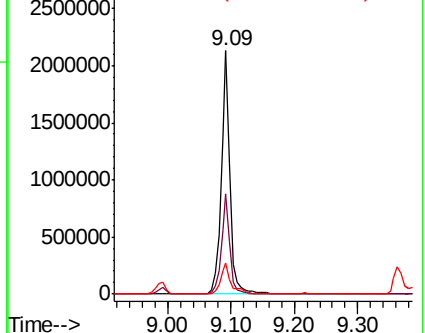
76 13.0 0.0 34.3

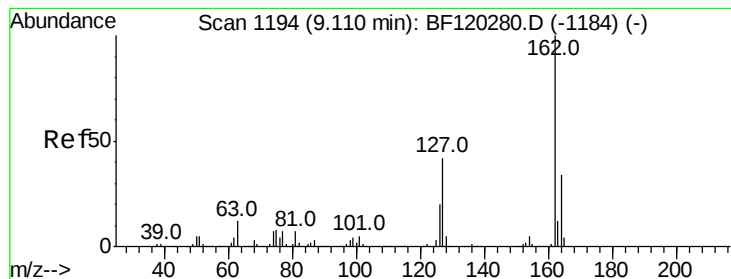


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 39.520 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

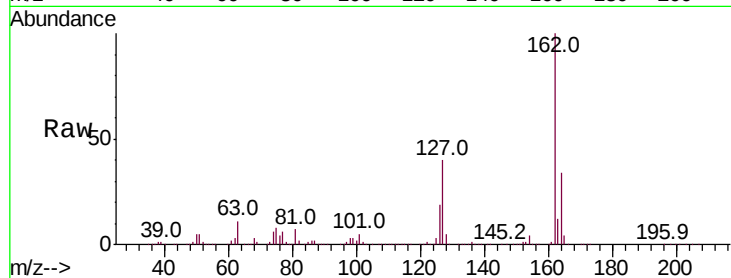
Tot Ion:162 Resp: 1574019

Ion Ratio Lower Upper

162 100

127 40.3 33.4 50.0

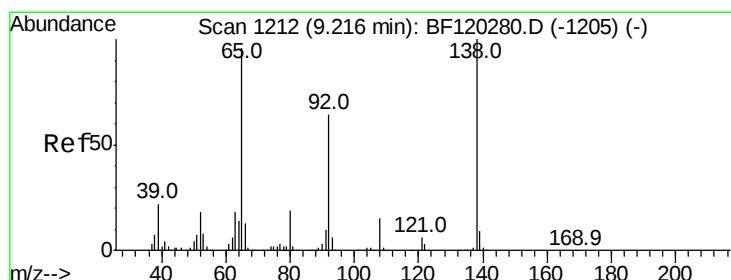
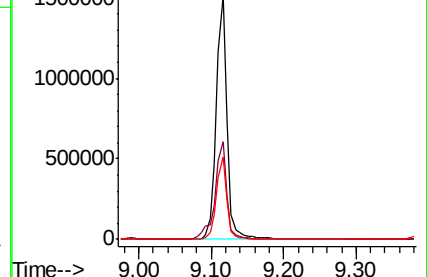
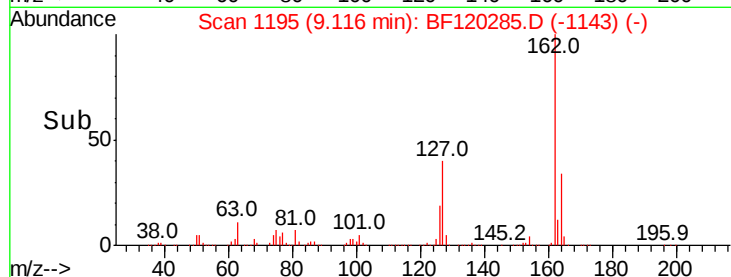
164 33.7 27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.902 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

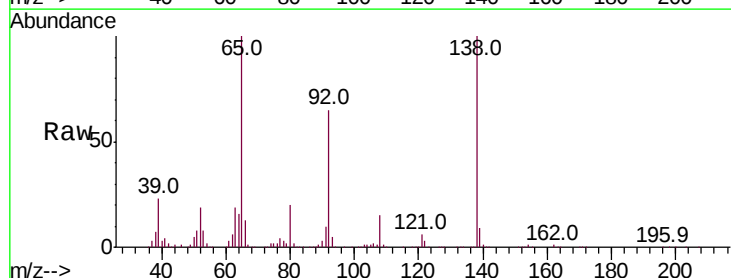
Tgt Ion: 65 Resp: 550777

Ion Ratio Lower Upper

65 100

92 65.2 52.9 79.3

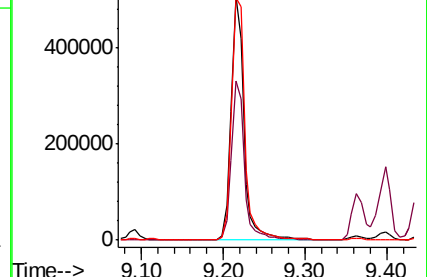
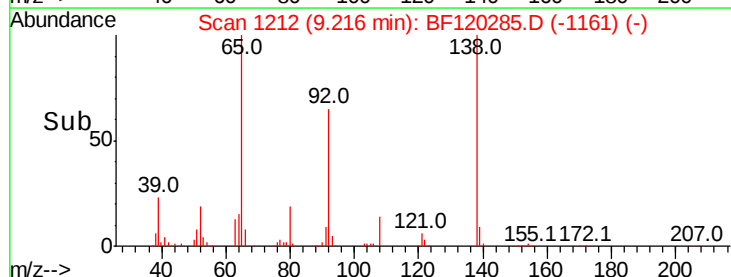
138 99.8 83.0 124.4

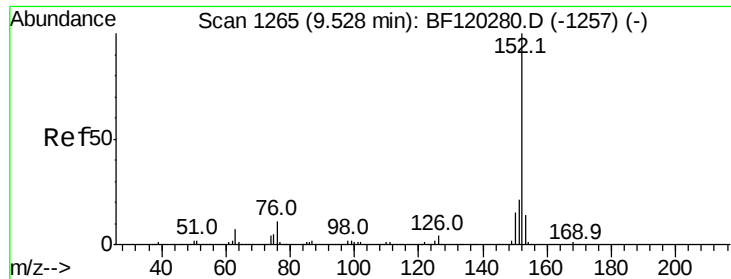


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.632 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

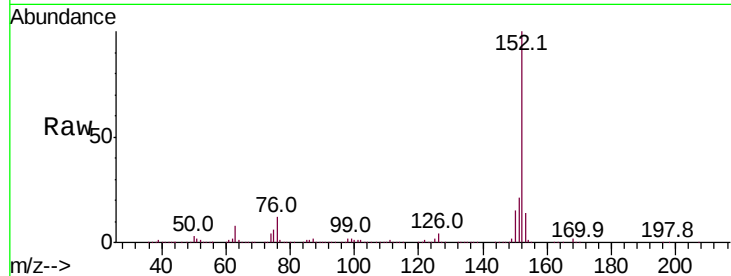
Tot Ion:152 Resp: 2411184

Ion Ratio Lower Upper

152 100

151 21.0 16.6 25.0

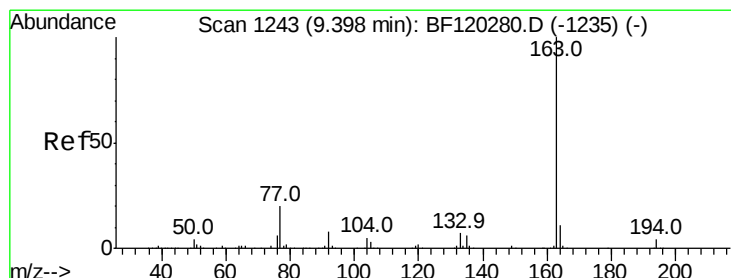
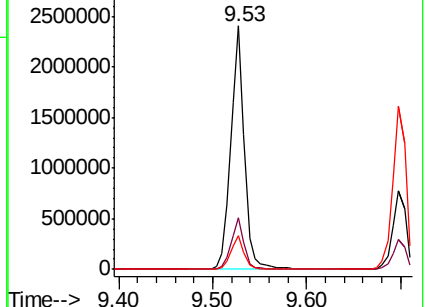
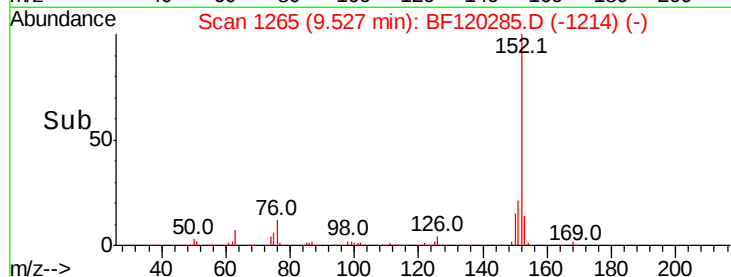
153 14.1 11.1 16.7



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: 37.992 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

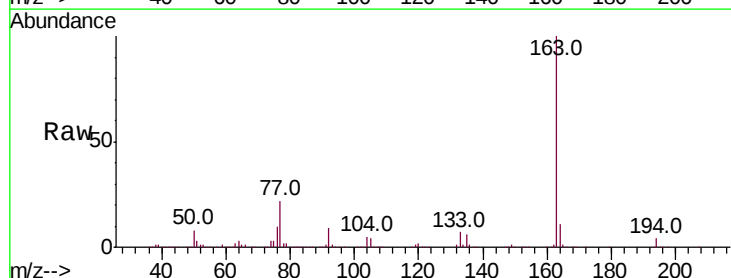
Tgt Ion:163 Resp: 1819940

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

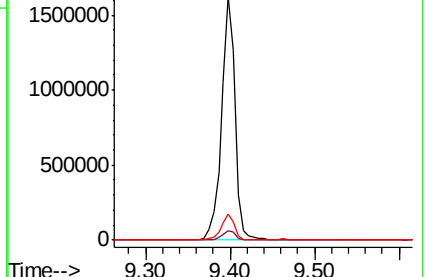
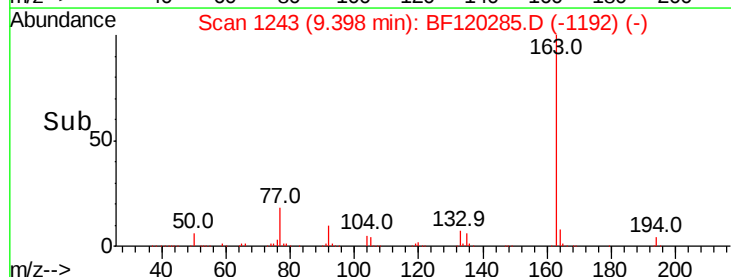
164 10.9 8.6 12.8

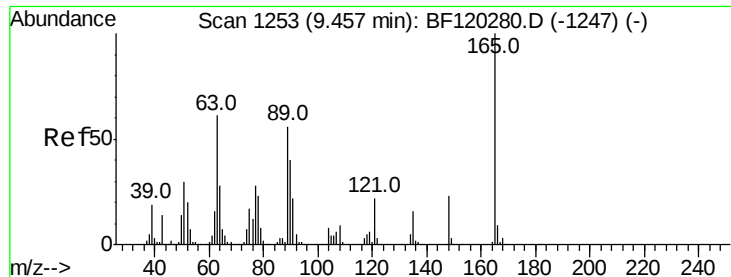


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

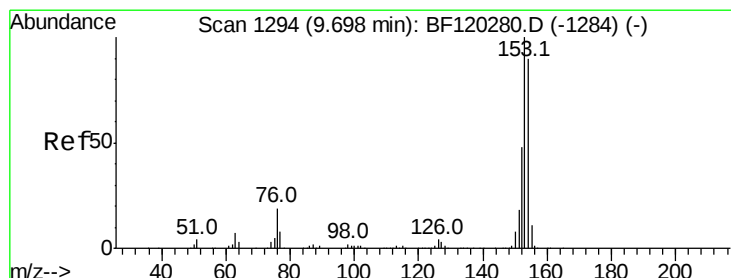
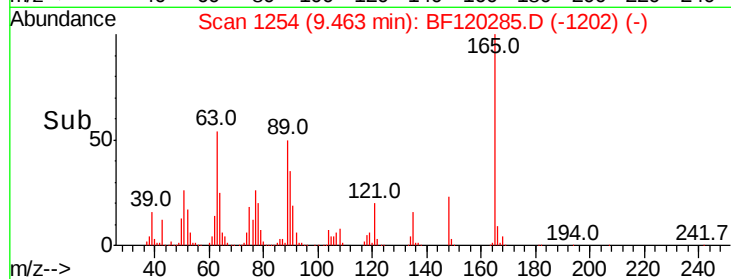
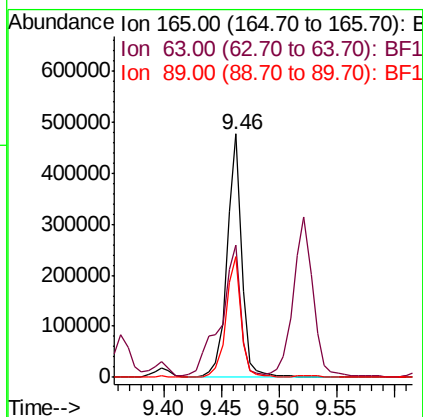
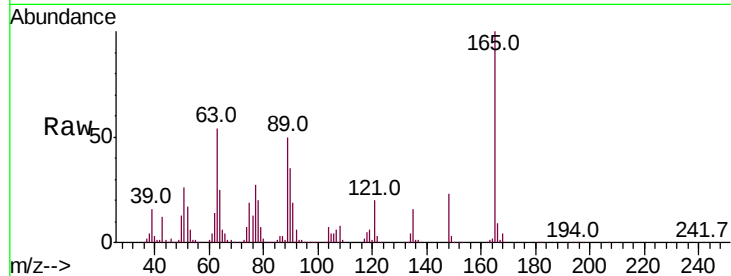




#51
 2,6-Dinitrotoluene
 Concen: 39.217 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

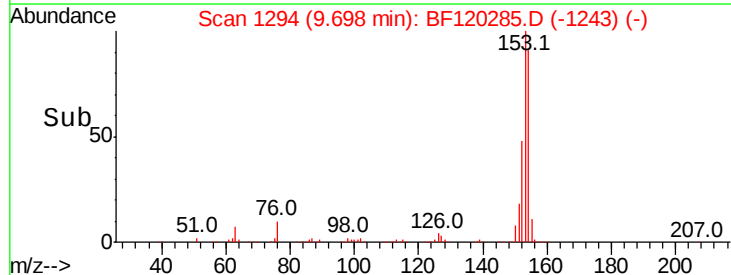
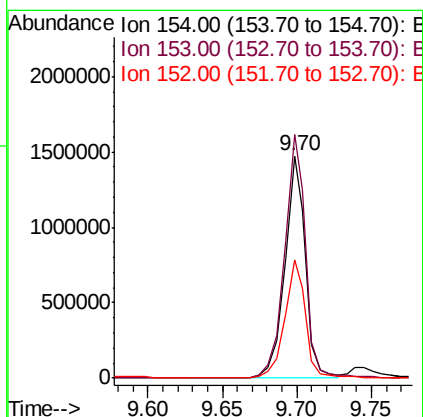
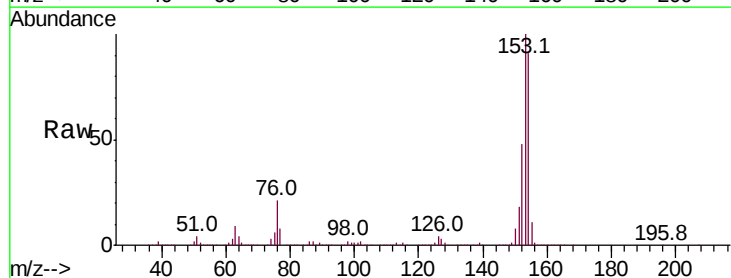
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051420

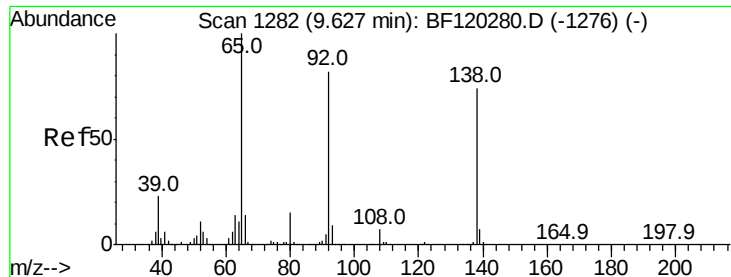
Tot Ion:165 Resp: 419299
 Ion Ratio Lower Upper
 165 100
 63 54.1 50.2 75.2
 89 49.7 44.6 66.8



#52
 Acenaphthene
 Concen: 39.224 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

Tgt Ion:154 Resp: 1430393
 Ion Ratio Lower Upper
 154 100
 153 109.7 89.0 133.4
 152 53.1 42.6 64.0

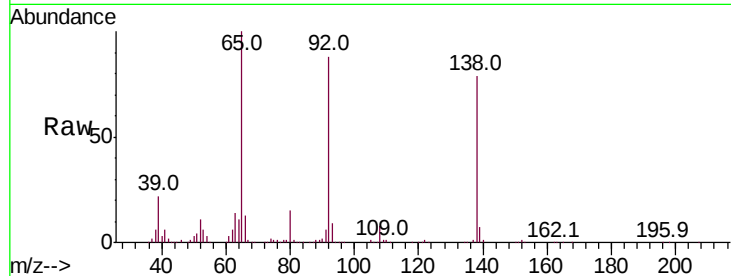




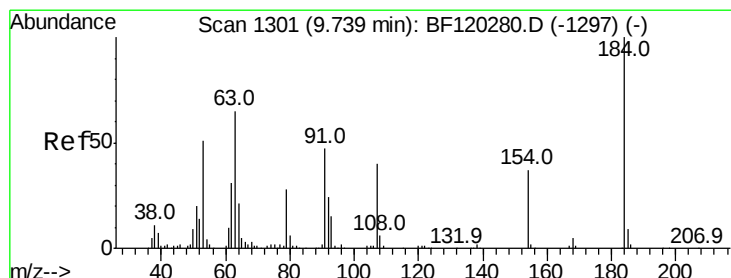
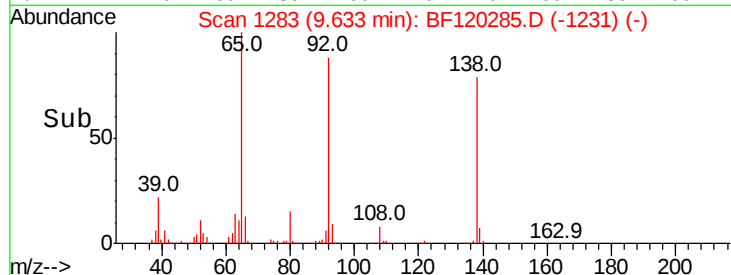
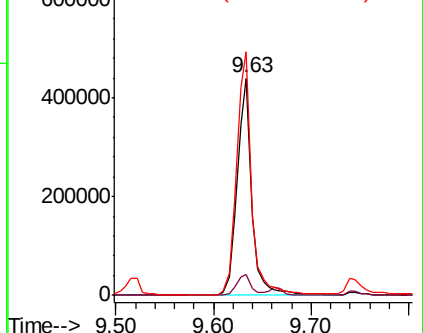
#53
3-Nitroaniline
Concen: 36.038 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

Instrument :
BNA_F
ClientSampleId :
ICVBF051420

Tot Ion:138 Resp: 459486
Ion Ratio Lower Upper
138 100
108 9.7 8.2 12.2
92 112.0 89.6 134.4

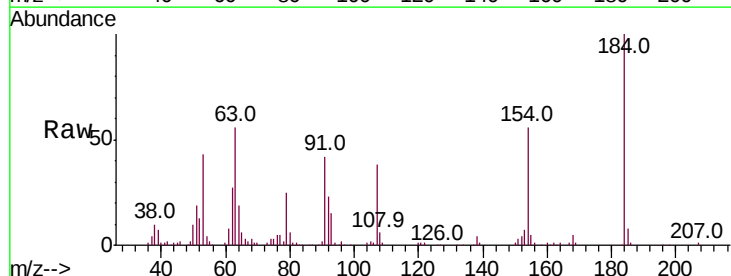


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

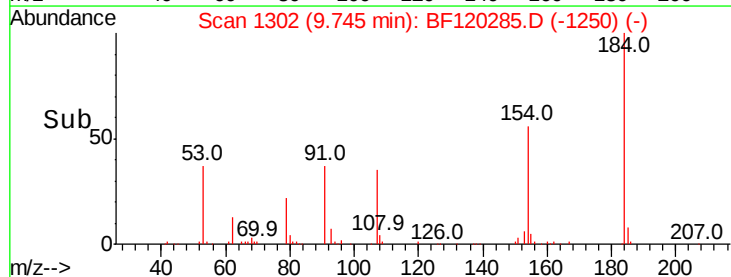
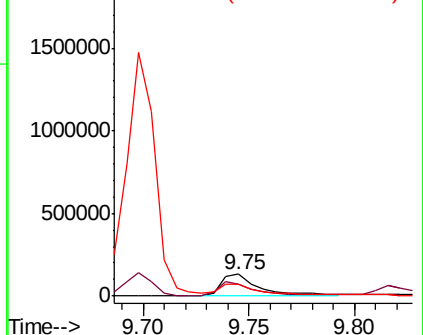


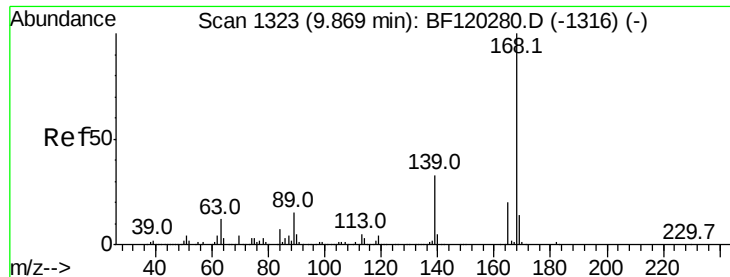
#54
2,4-Dinitrophenol
Concen: 33.920 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

Tgt Ion:184 Resp: 171188
Ion Ratio Lower Upper
184 100
63 56.2 53.6 80.4
154 56.3 46.8 70.2



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

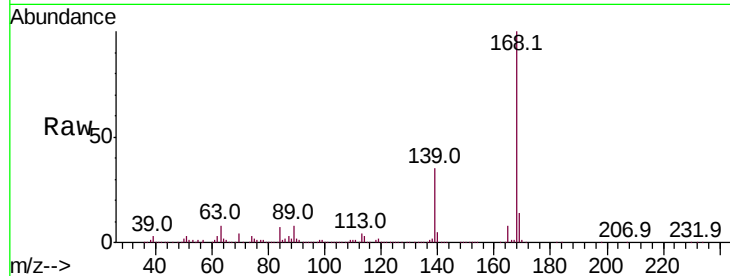




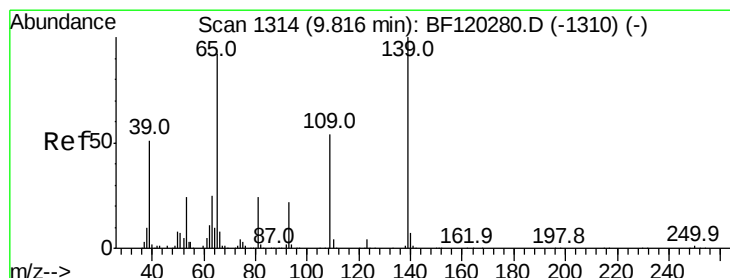
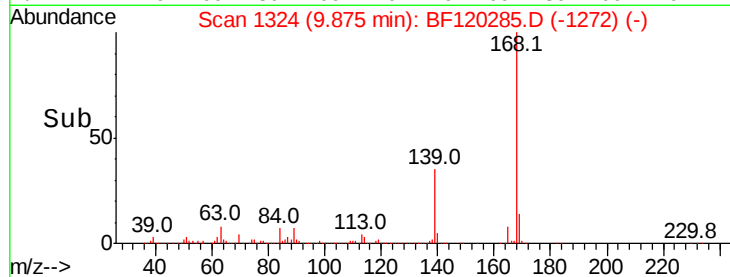
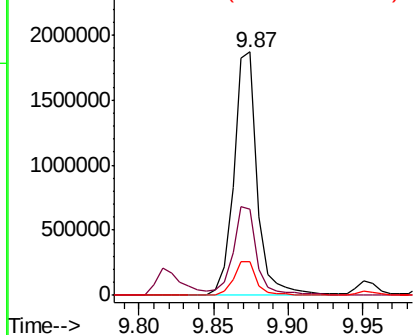
#55
Dibenzofuran
Concen: 39.197 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

Instrument :
BNA_F
ClientSampleId :
ICVBF051420

Tot Ion:168 Resp: 2058461
Ion Ratio Lower Upper
168 100
139 35.4 29.8 44.6
169 13.9 11.0 16.6

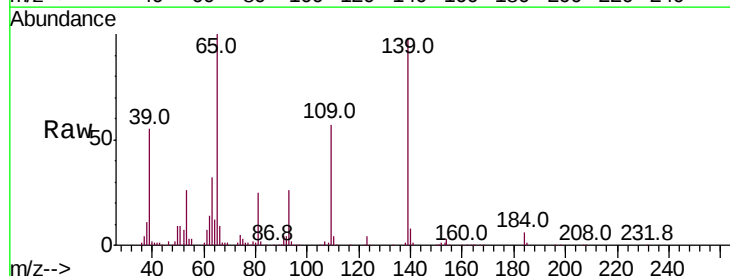


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

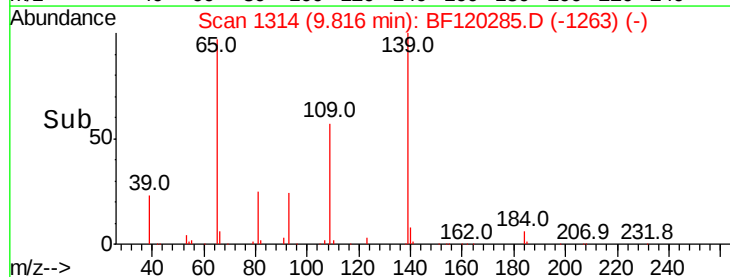
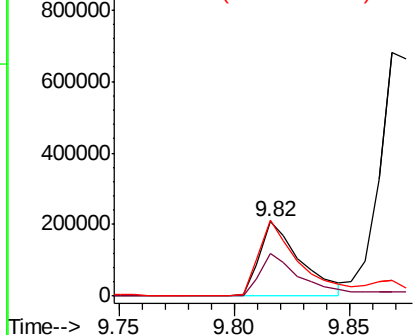


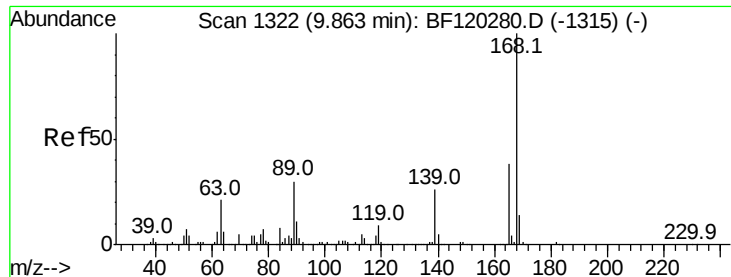
#56
4-Nitrophenol
Concen: 37.451 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

Tgt Ion:139 Resp: 256571
Ion Ratio Lower Upper
139 100
109 58.0 34.6 74.6
65 101.6 73.3 113.3



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

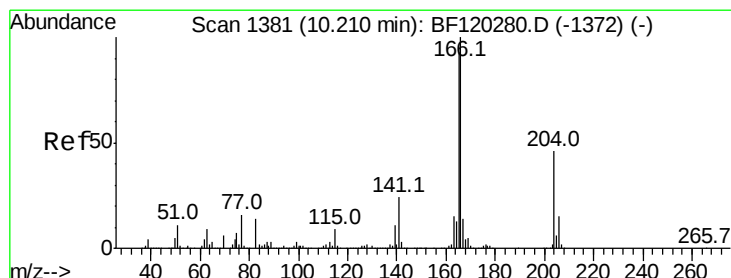
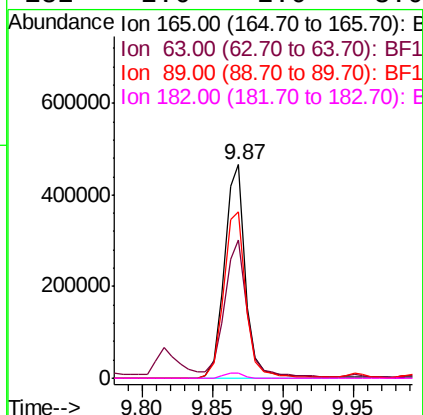
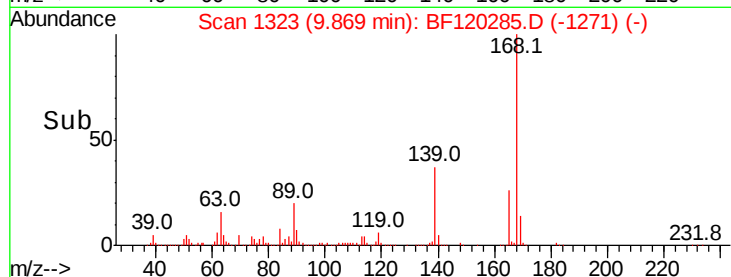
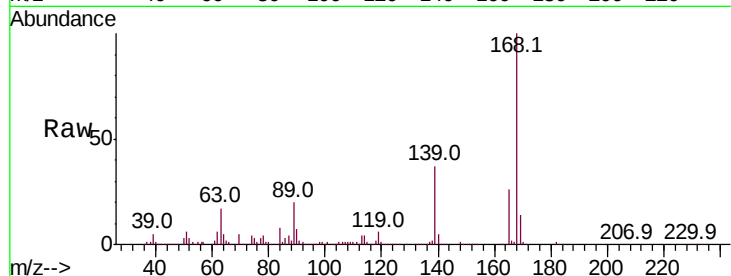




#57
 2,4-Dinitrotoluene
 Concen: 38.744 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

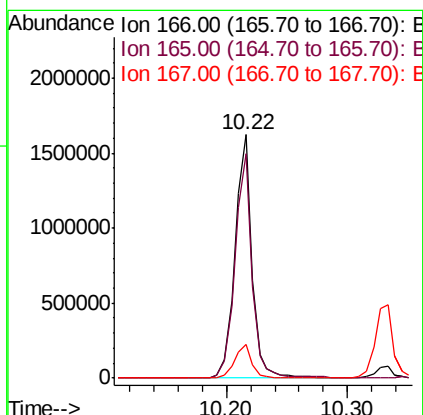
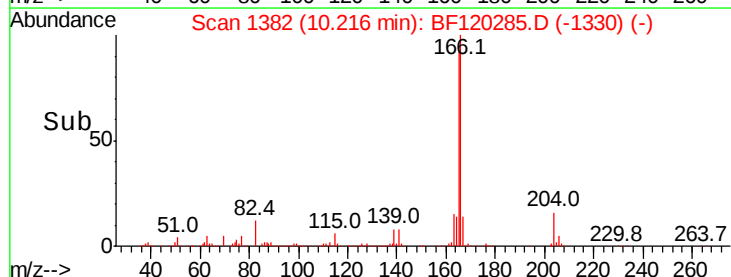
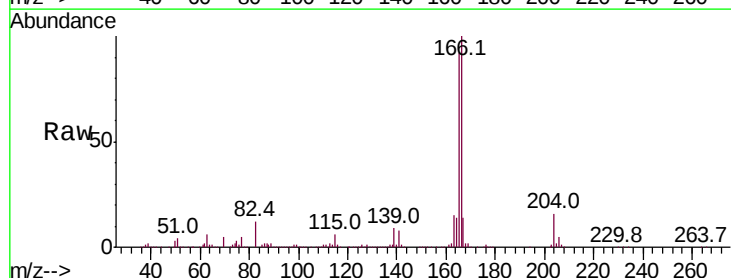
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051420

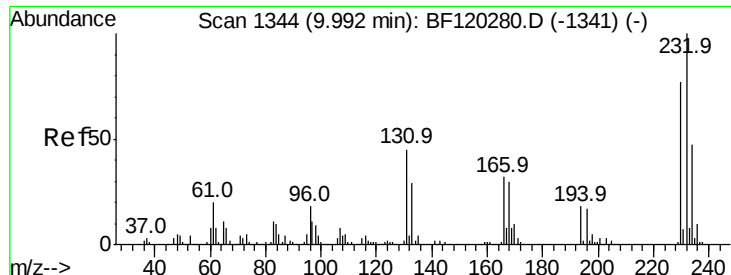
Tot Ion:	165	Resp:	485917
Ion	Ratio	Lower	Upper
165	100		
63	64.8	51.8	77.8
89	78.0	64.2	96.4
182	2.6	2.0	3.0



#58
 Fluorene
 Concen: 39.757 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

Tgt Ion:	166	Resp:	1590060
Ion	Ratio	Lower	Upper
166	100		
165	92.1	74.7	112.1
167	13.6	11.4	17.0

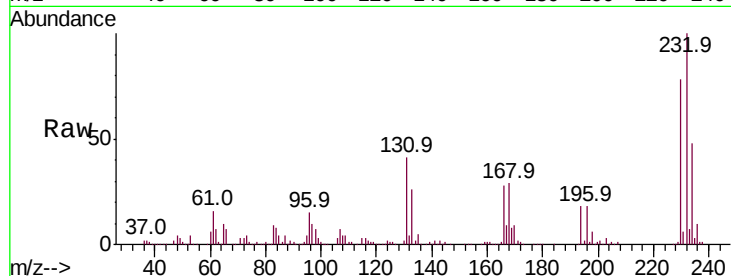




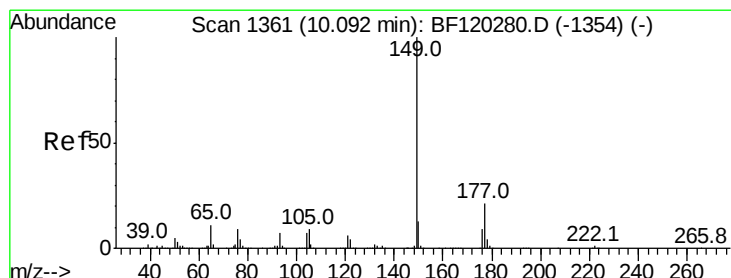
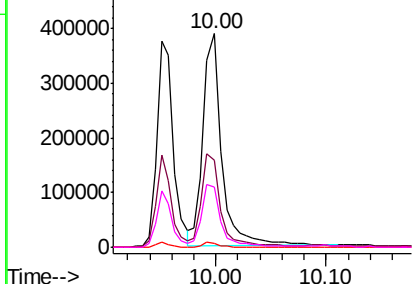
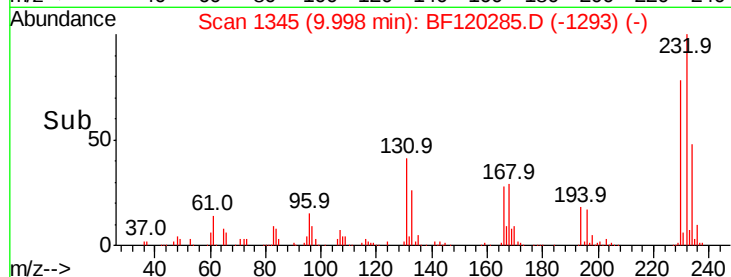
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.461 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051420

Tot Ion:	232	Resp:	448522
Ion	Ratio	Lower	Upper
232	100		
131	44.6	34.1	51.1
130	2.2	1.7	2.5
166	29.3	23.3	34.9

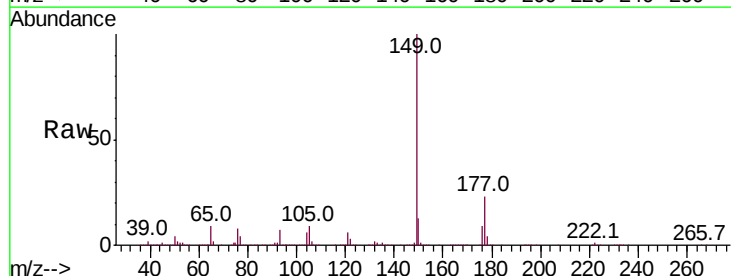


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

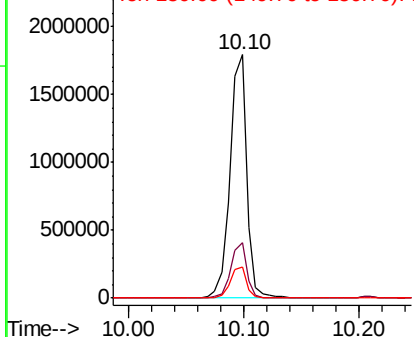
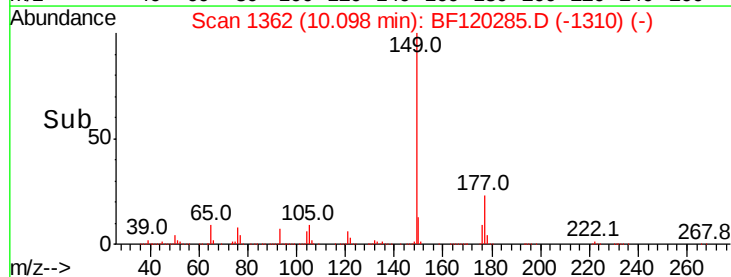


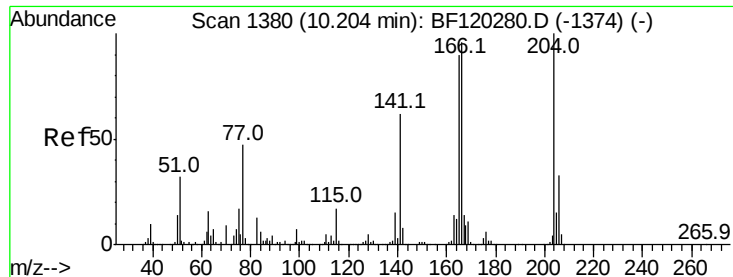
#60
 Diethylphthalate
 Concen: 38.955 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

Tgt Ion:	149	Resp:	1801584
Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.1	25.7
150	12.7	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

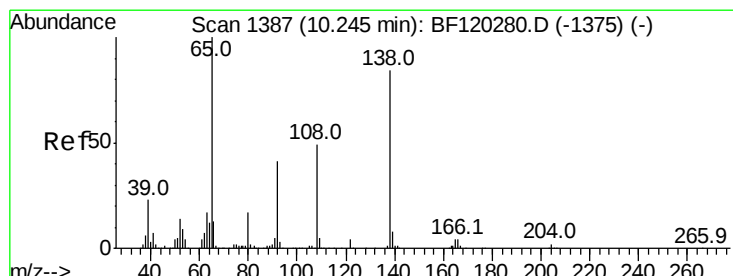
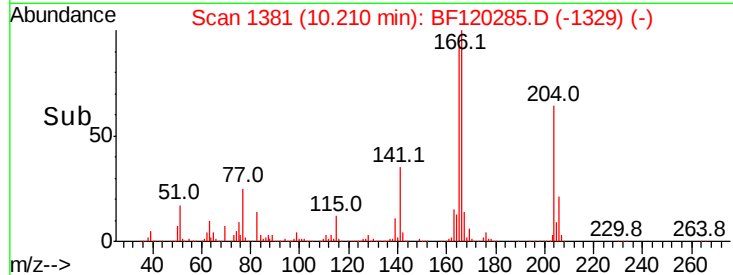
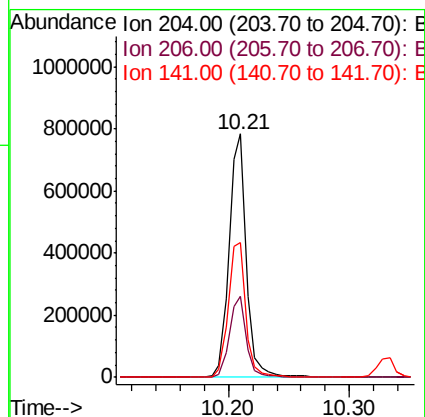
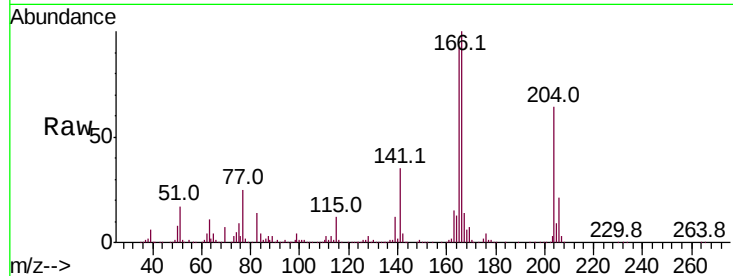




#61
4-Chlorophenyl-phenylether
Concen: 37.190 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

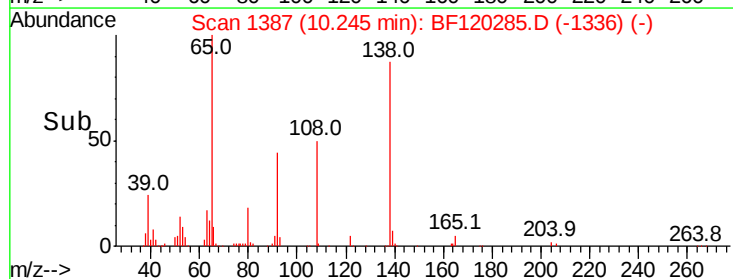
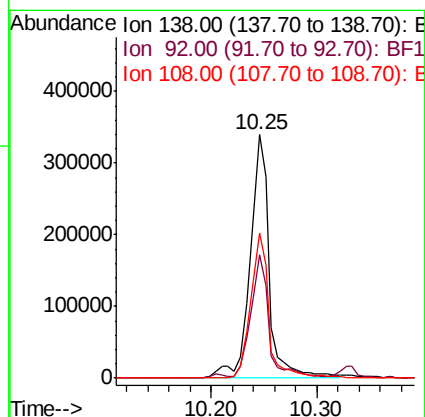
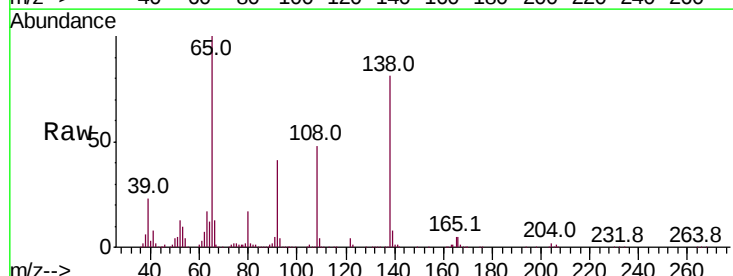
Instrument :
BNA_F
ClientSampleId :
ICVBF051420

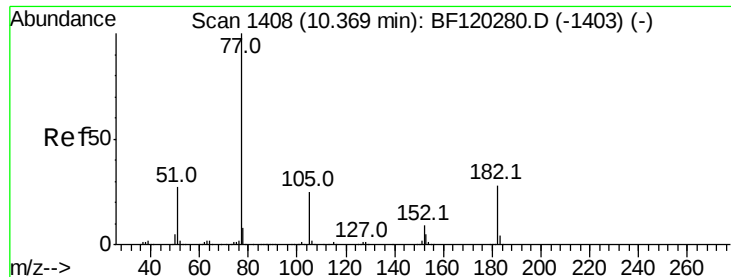
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.8	40.2
141	55.3	49.5	74.3



#62
4-Nitroaniline
Concen: 36.251 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	28.9	68.9
108	59.4	38.4	78.4





#63

Azobenzene

Concen: 37.113 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

Tot Ion: 77 Resp: 1622204

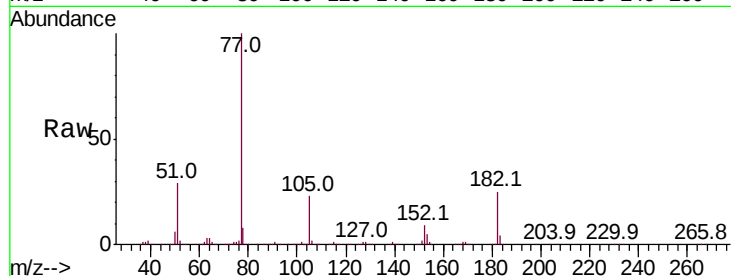
Ion Ratio Lower Upper

77 100

182 25.1 7.4 47.4

105 23.1 4.4 44.4

51 29.5 8.3 48.3

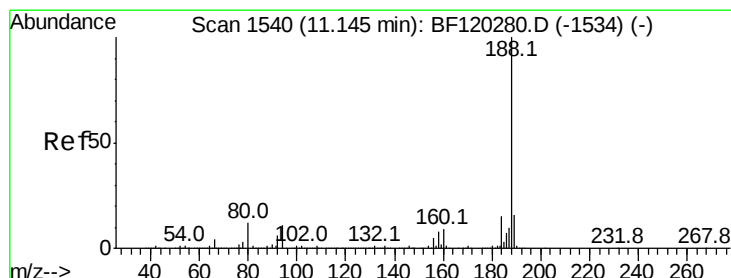
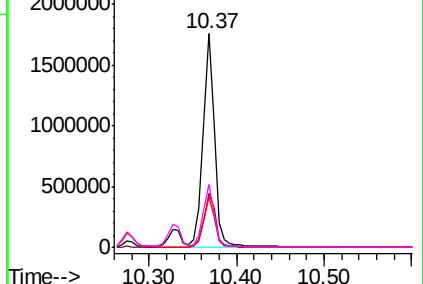
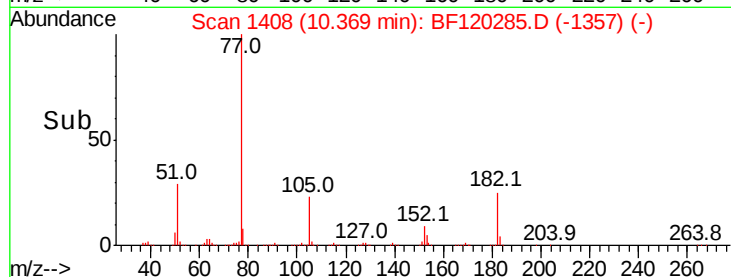


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

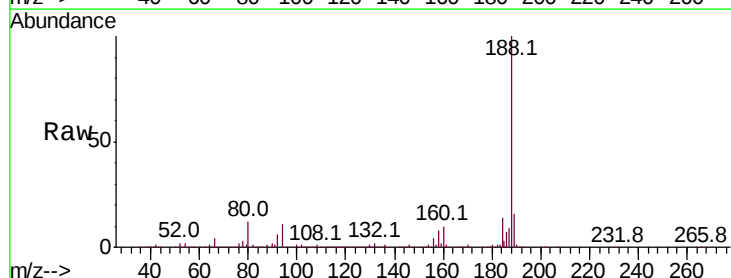
Tgt Ion: 188 Resp: 1397068

Ion Ratio Lower Upper

188 100

94 11.2 8.6 13.0

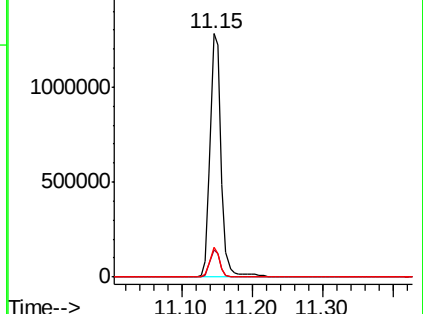
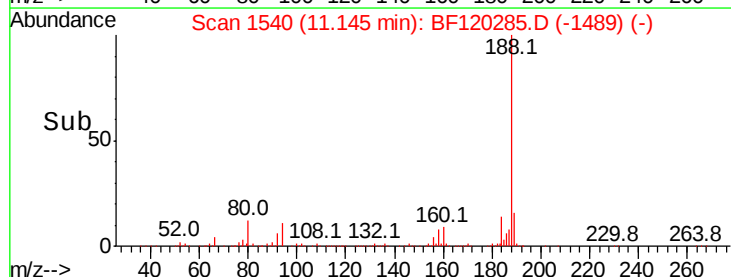
80 12.4 9.2 13.8

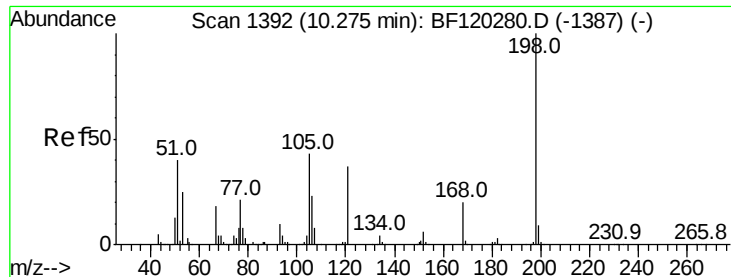


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

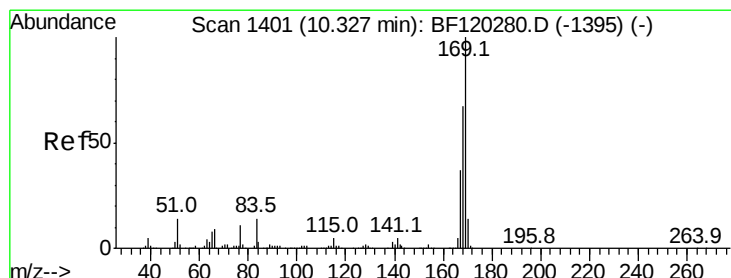
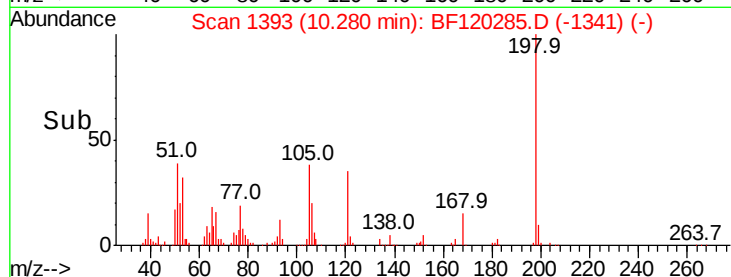
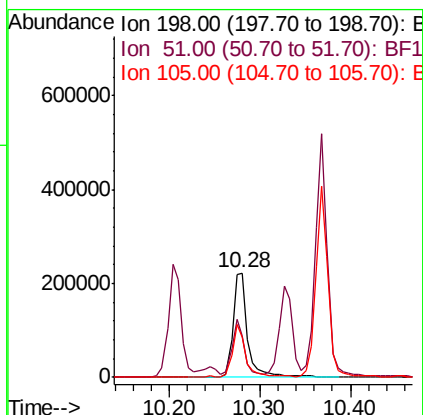
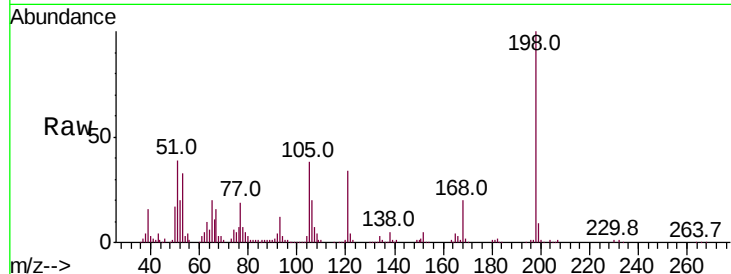




#65
4,6-Dinitro-2-methylphenol
Concen: 35.890 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

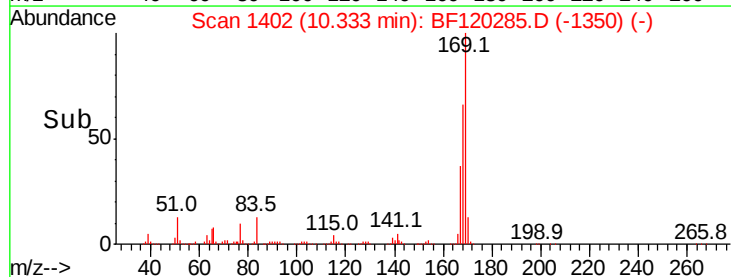
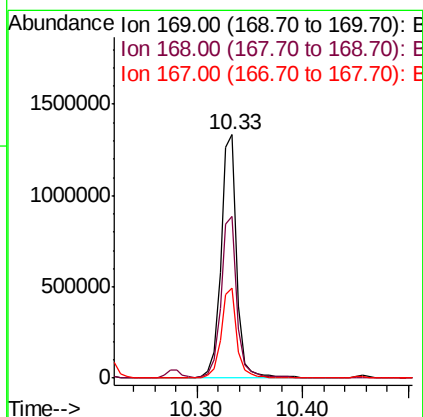
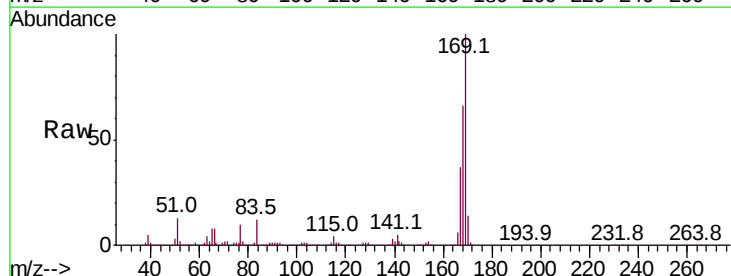
Instrument :
BNA_F
ClientSampleId :
ICVBF051420

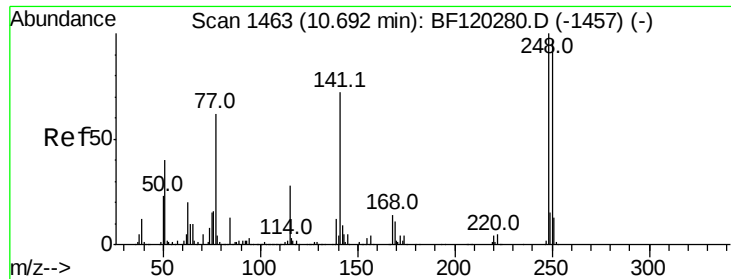
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.2	27.1	67.1
105	38.2	24.3	64.3



#66
n-Nitrosodiphenylamine
Concen: 36.311 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.7	80.5
167	36.8	29.8	44.6

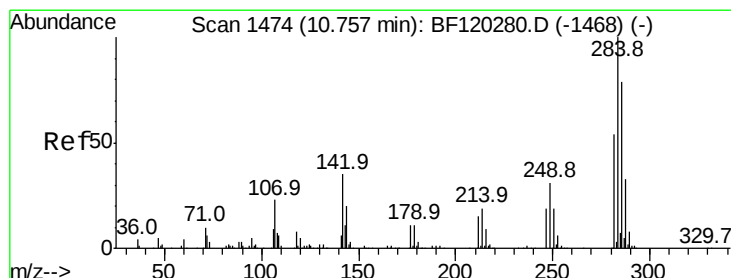
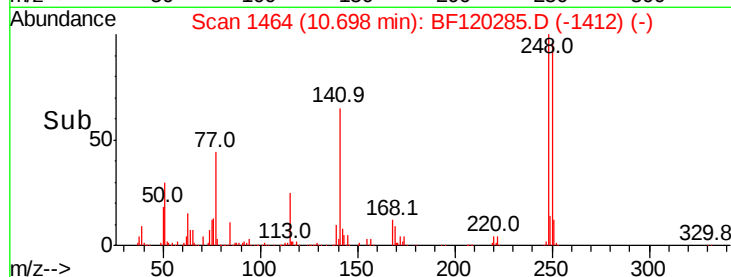
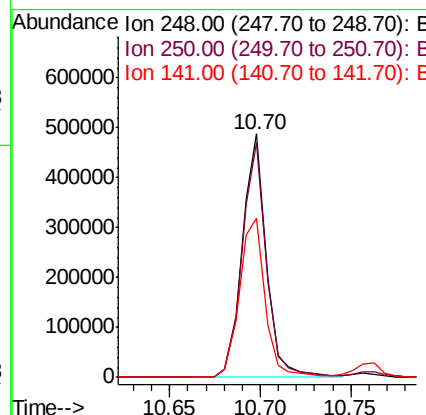
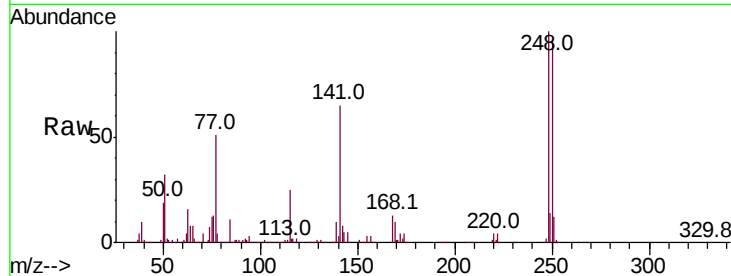




#67
4-Bromophenyl-phenylether
Concen: 33.196 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

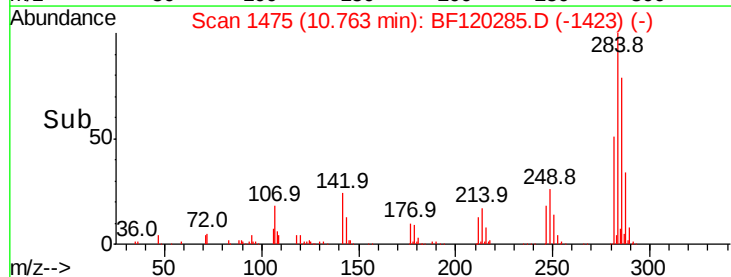
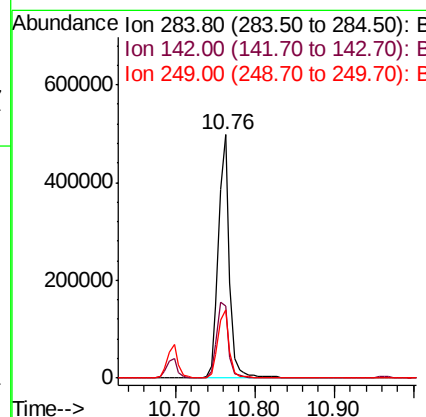
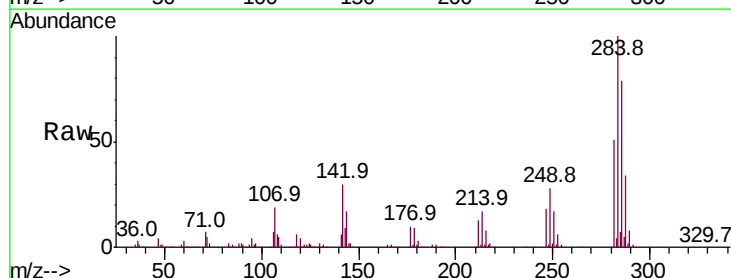
Instrument :
BNA_F
ClientSampleId :
ICVBF051420

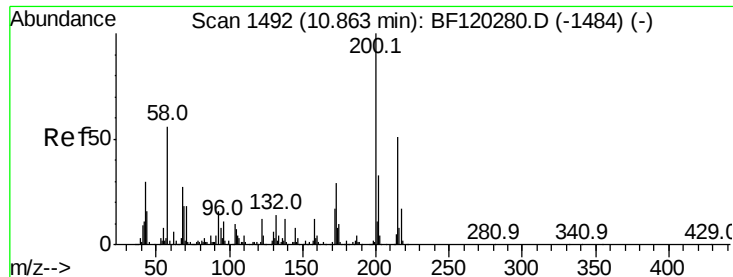
Tot Ion:248 Resp: 450030
Ion Ratio Lower Upper
248 100
250 96.4 77.8 116.6
141 65.4 57.7 86.5



#68
Hexachlorobenzene
Concen: 33.883 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

Tgt Ion:284 Resp: 480558
Ion Ratio Lower Upper
284 100
142 29.8 28.5 42.7
249 28.2 24.8 37.2





#69

Atrazine

Concen: 32.436 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

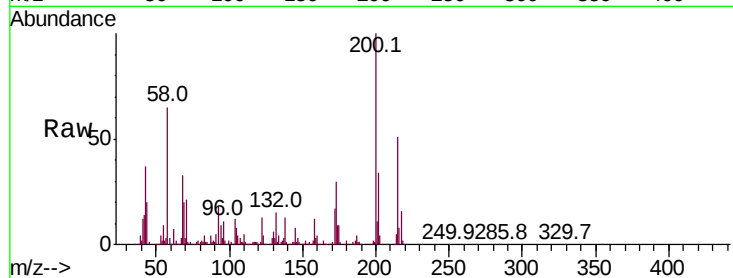
Tot Ion:200 Resp: 375141

Ion Ratio Lower Upper

200 100

173 30.0 8.7 48.7

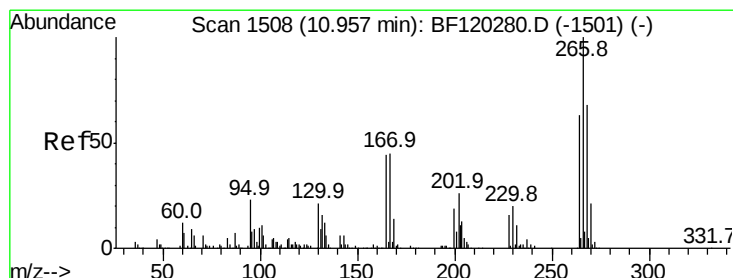
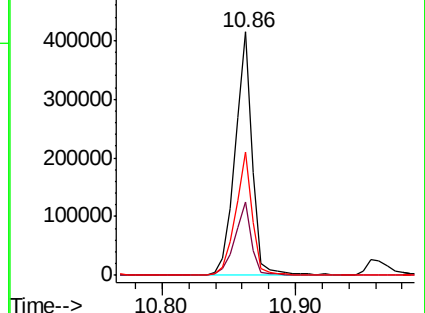
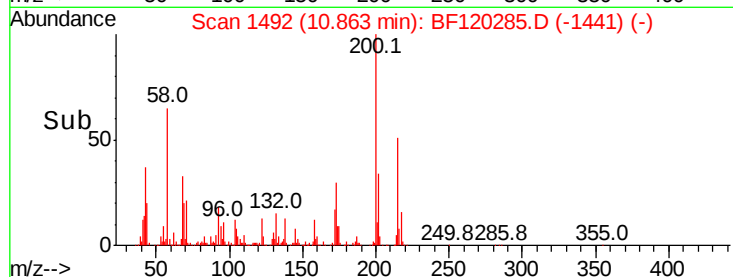
215 50.6 30.6 70.6



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: 31.091 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

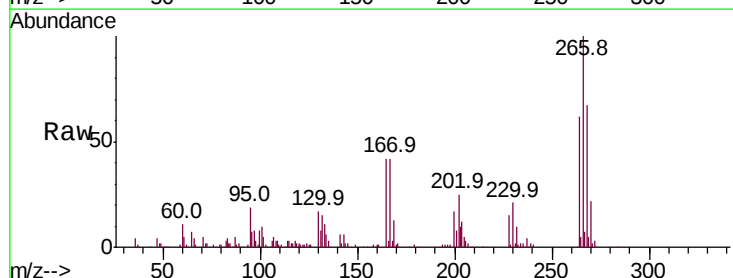
Tgt Ion:266 Resp: 187543

Ion Ratio Lower Upper

266 100

268 66.5 54.2 81.4

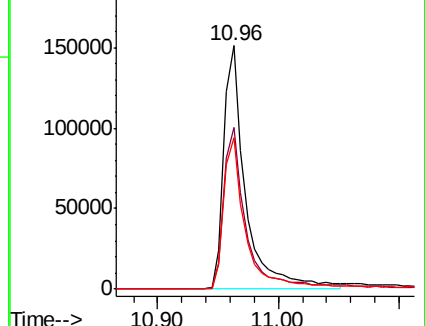
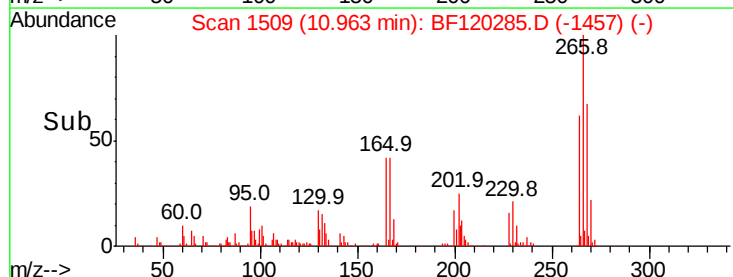
264 62.4 50.2 75.4

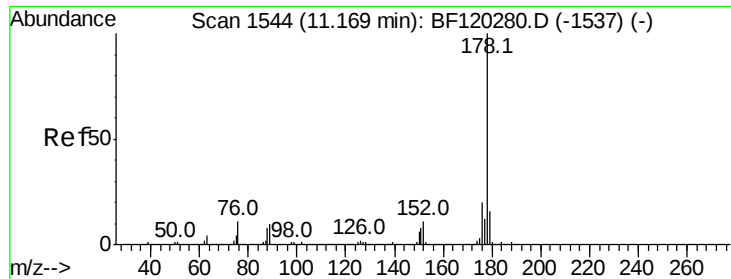


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

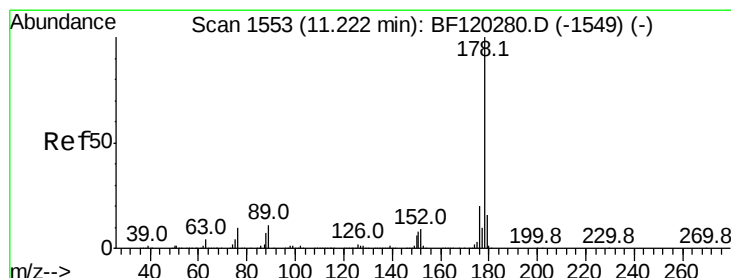
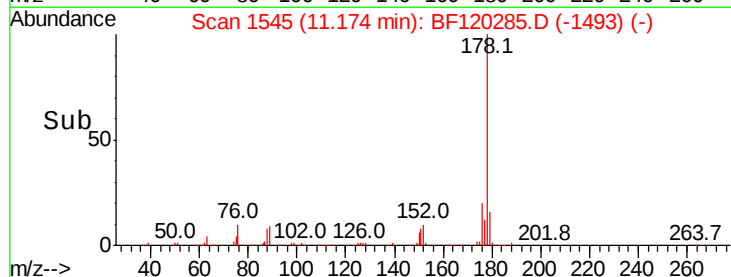
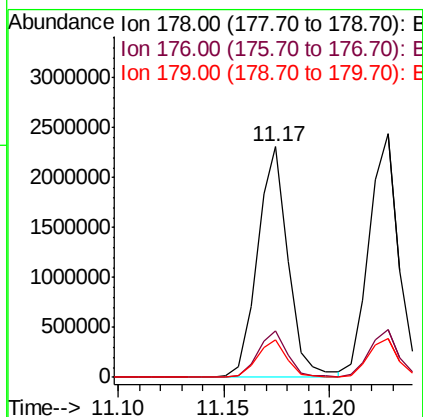
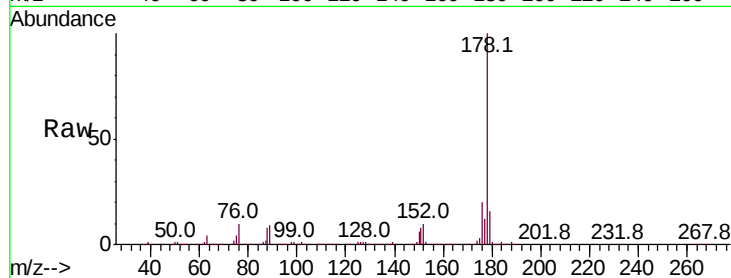




#71
Phenanthrene
Concen: 39.688 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

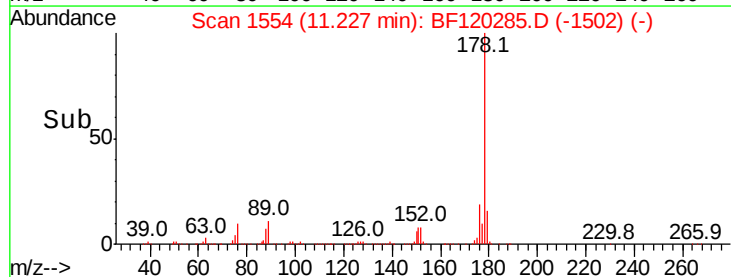
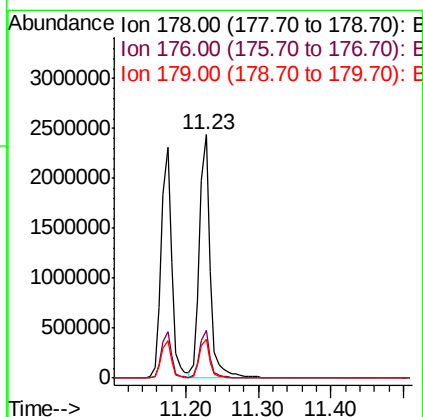
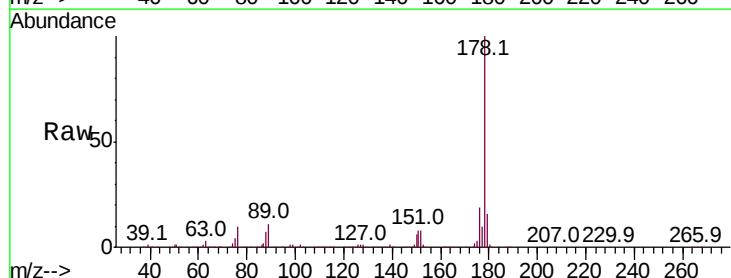
Instrument :
BNA_F
ClientSampleId :
ICVBF051420

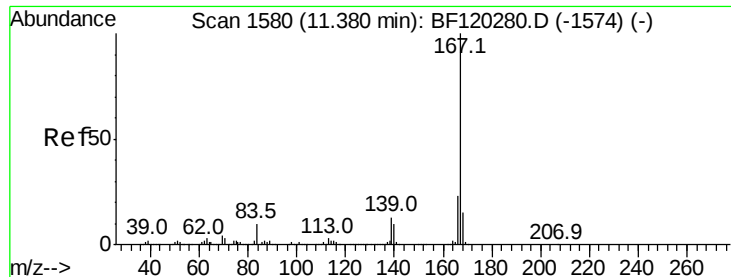
Tot Ion:178 Resp: 2329885
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 16.3 12.8 19.2



#72
Anthracene
Concen: 40.338 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

Tgt Ion:178 Resp: 2535112
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 16.1 13.0 19.6



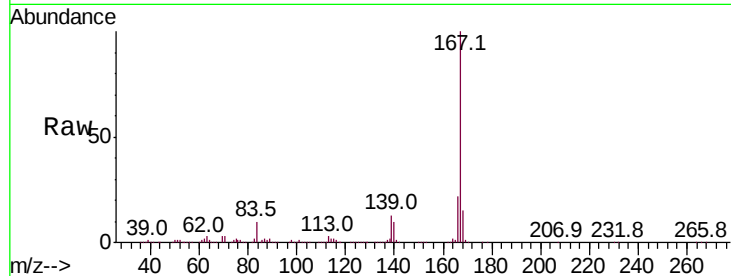


#73
 Carbazole
 Concen: 39.150 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

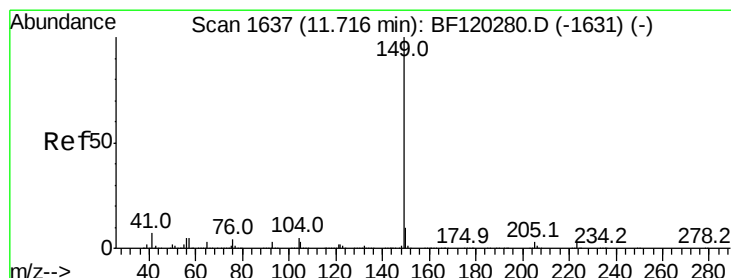
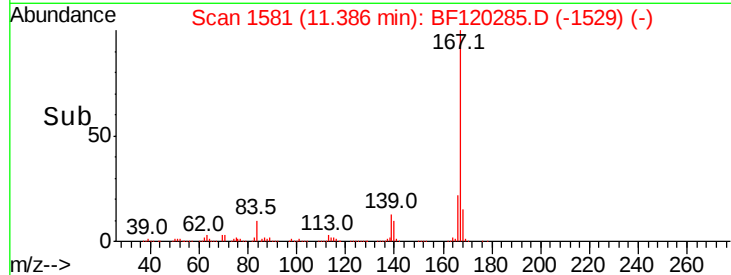
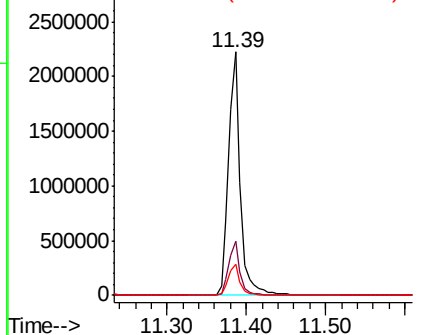
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051420

Tot Ion:167 Resp: 2298906

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	12.9	10.6	15.8



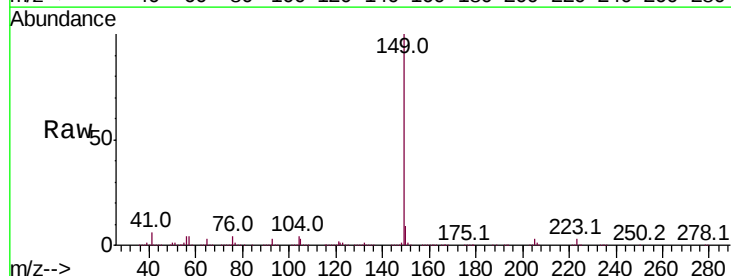
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



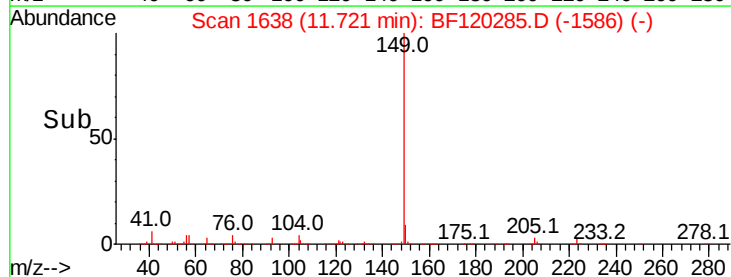
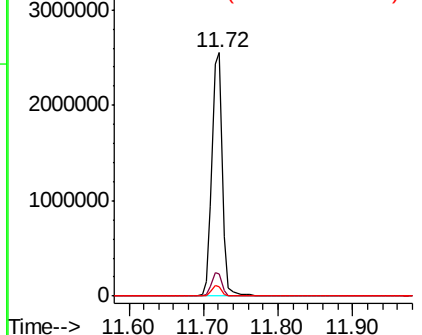
#74
 Di-n-butylphthalate
 Concen: 34.889 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

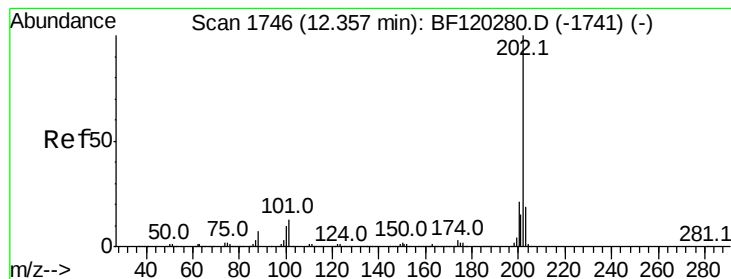
Tgt Ion:149 Resp: 2469088

Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.2	12.4
104	4.0	3.8	5.8



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





#75

Fluoranthene

Concen: 34.788 ng

RT: 12.36 min Scan# 1747

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

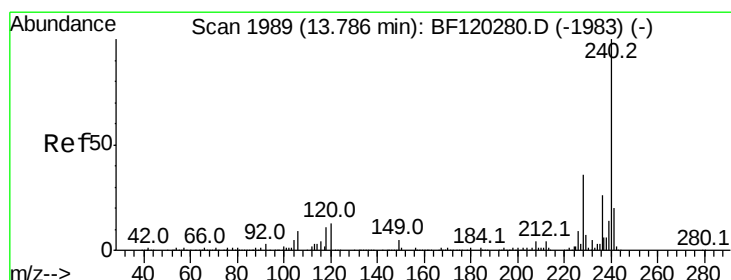
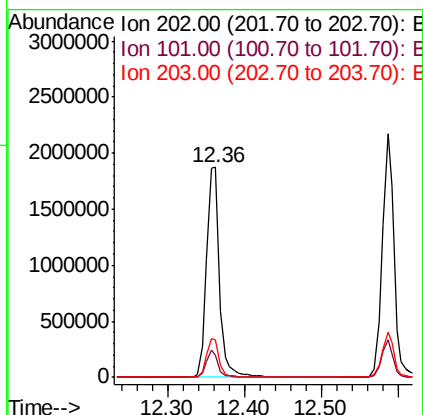
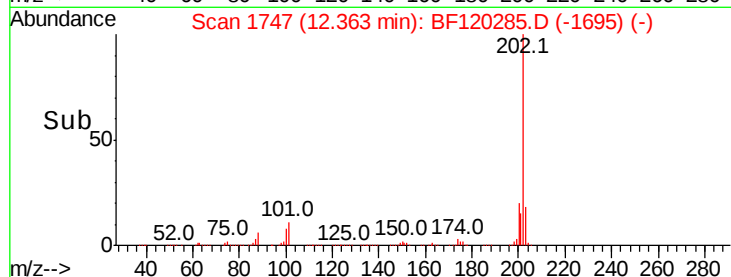
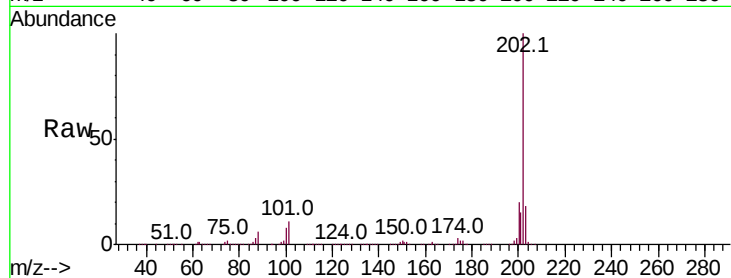
Tot Ion:202 Resp: 2188893

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	33.2
203	17.9	0.0	39.1

202 100

101 10.7 0.0 33.2

203 17.9 0.0 39.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

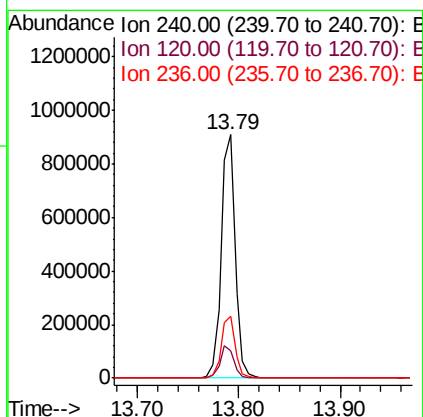
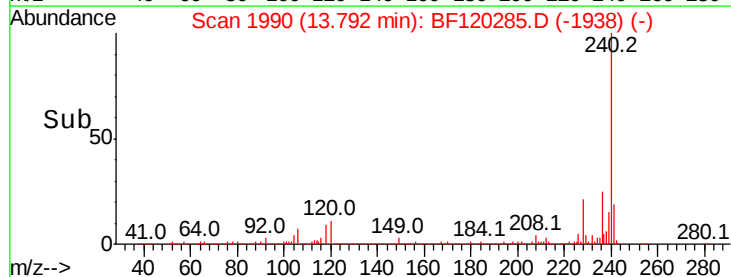
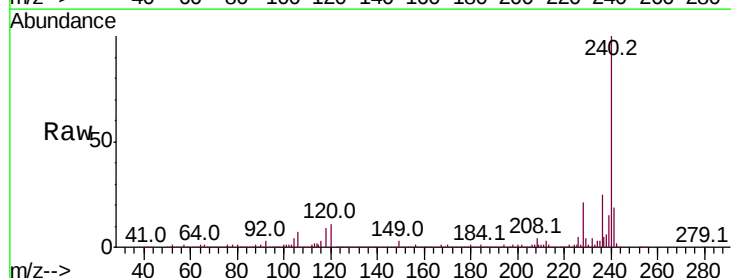
Tgt Ion:240 Resp: 871796

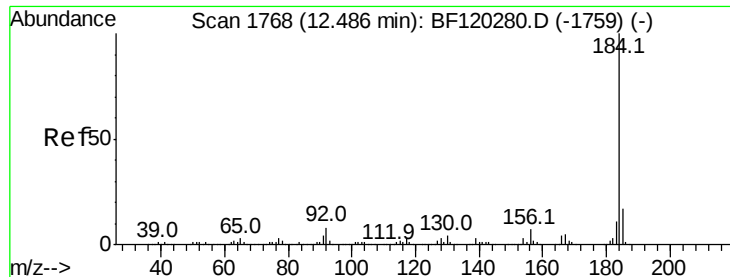
Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.4	15.6
236	25.4	21.0	31.6

240 100

120 11.0 10.4 15.6

236 25.4 21.0 31.6





#77

Benzidine

Concen: 43.636 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

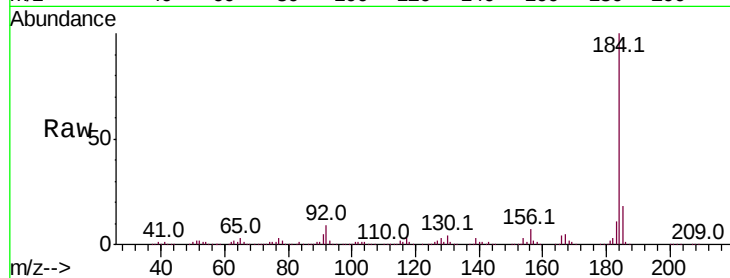
Tot Ion:184 Resp: 1110890

Ion Ratio Lower Upper

184 100

185 17.9 13.7 20.5

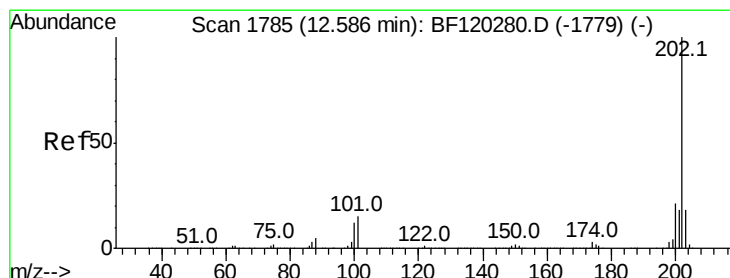
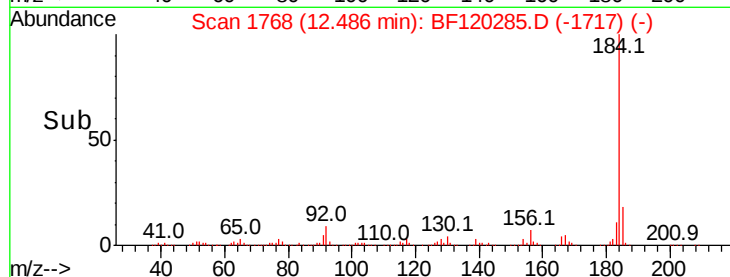
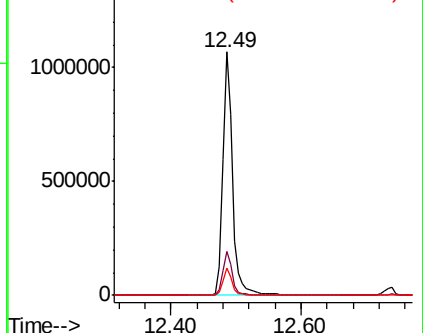
183 11.2 8.7 13.1



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: 37.655 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

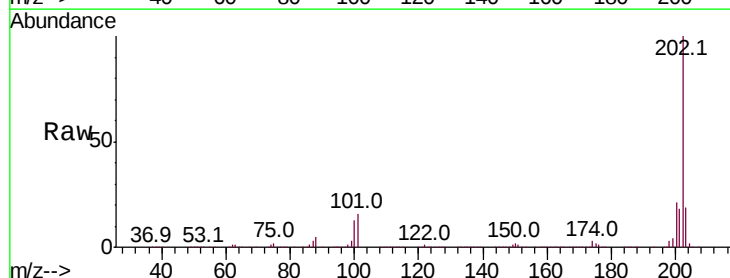
Tgt Ion:202 Resp: 2340267

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

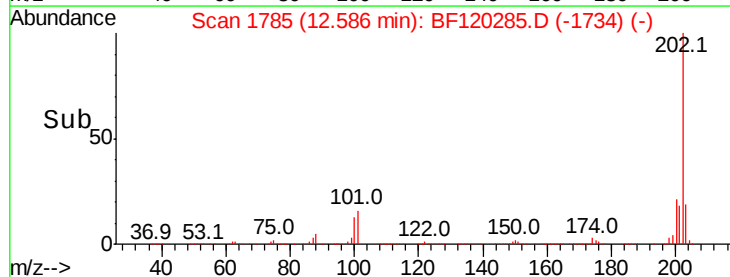
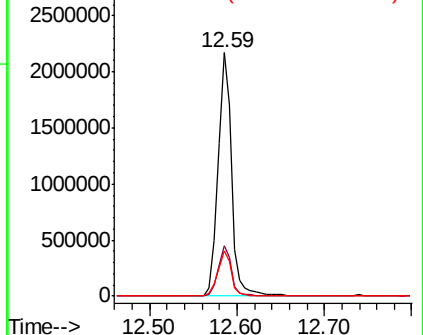
203 18.8 14.6 22.0

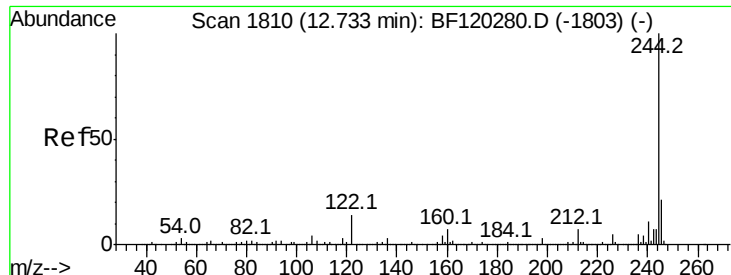


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.801 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

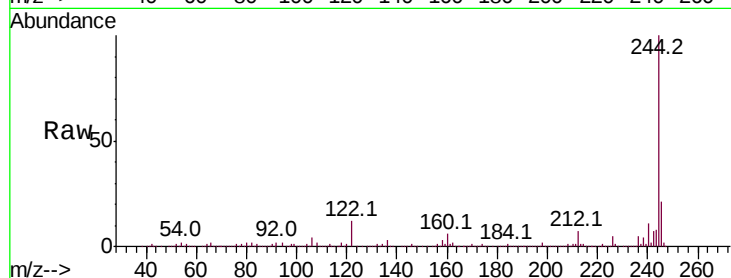
Tot Ion:244 Resp: 3030704

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

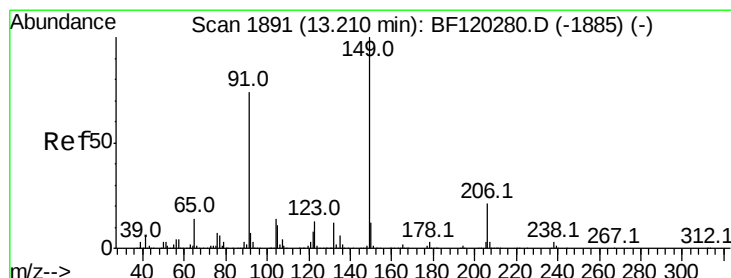
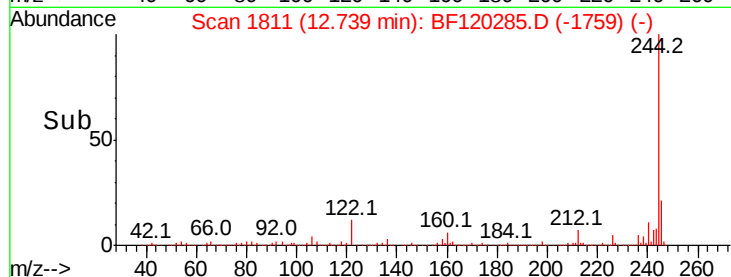
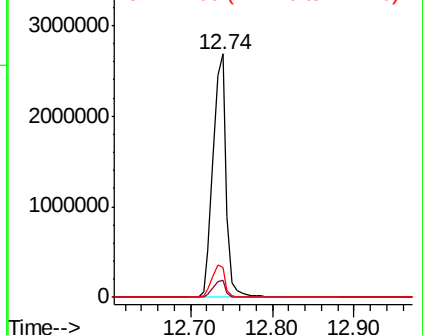
122 12.4 10.8 16.2



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: 37.666 ng

RT: 13.22 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

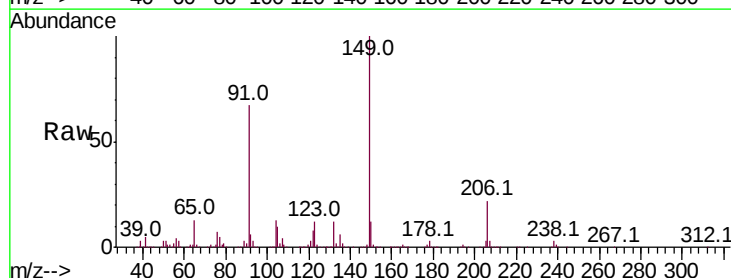
Tgt Ion:149 Resp: 1102310

Ion Ratio Lower Upper

149 100

91 67.2 59.0 88.4

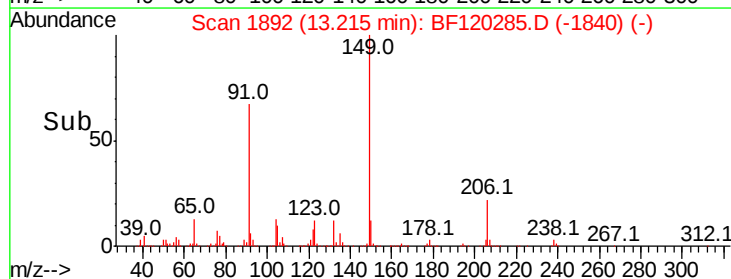
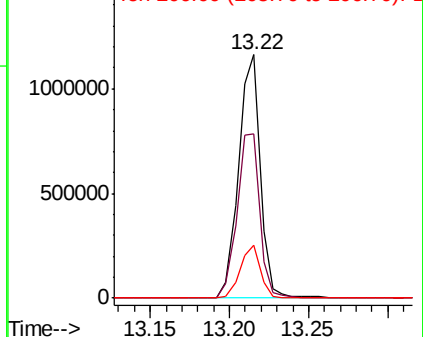
206 21.9 16.8 25.2

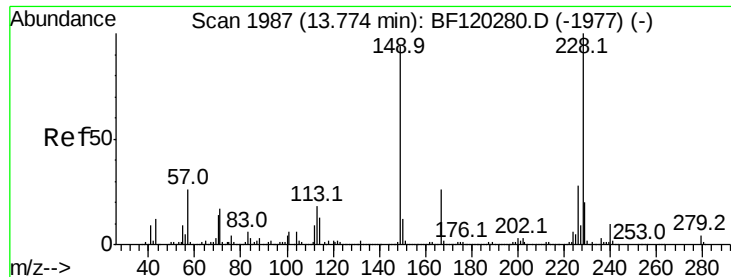


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.625 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

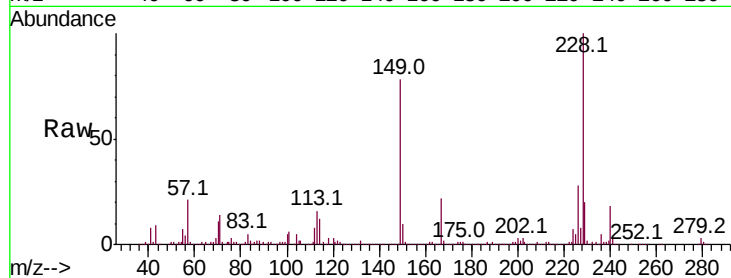
Tot Ion:228 Resp: 1776048

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

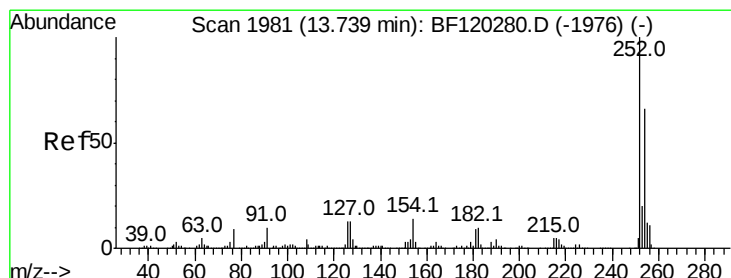
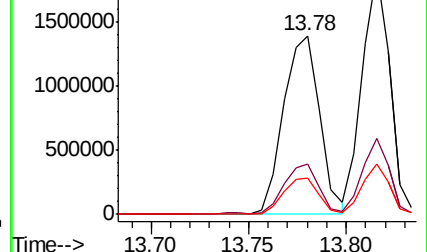
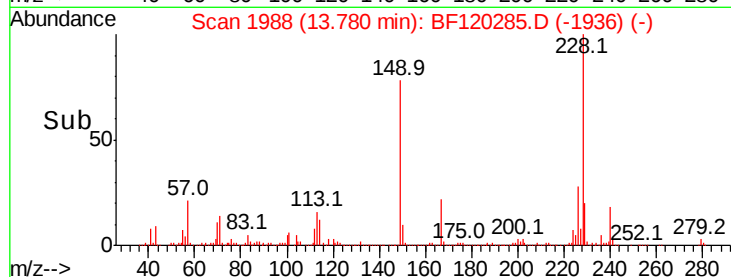
229 20.1 16.4 24.6



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: 41.509 ng

RT: 13.74 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

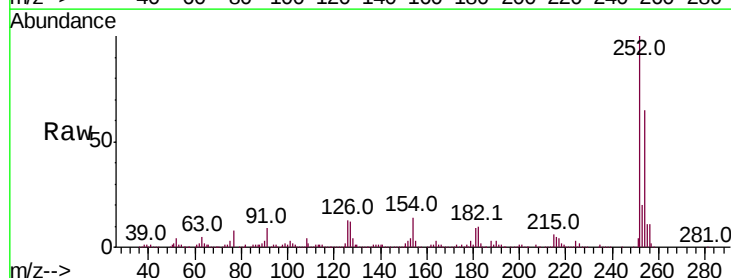
Tgt Ion:252 Resp: 719258

Ion Ratio Lower Upper

252 100

254 65.4 52.6 78.8

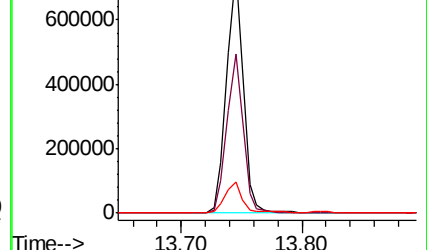
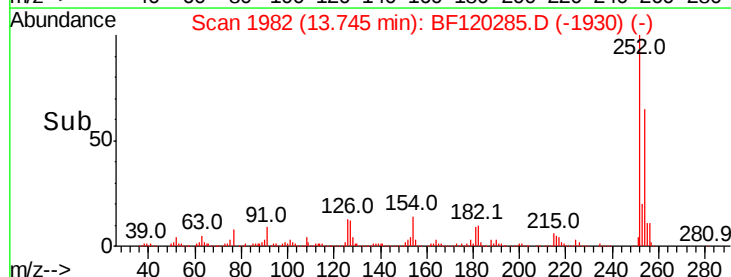
126 12.7 10.7 16.1

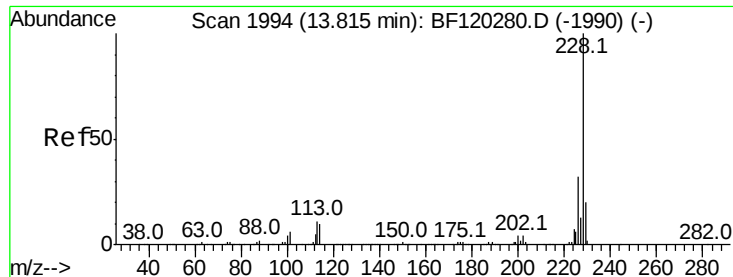


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.999 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

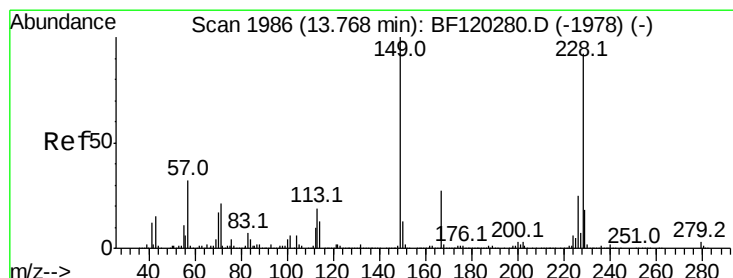
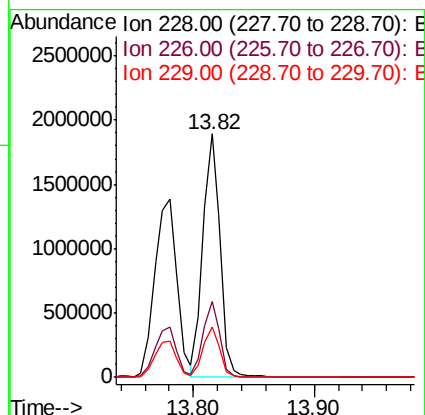
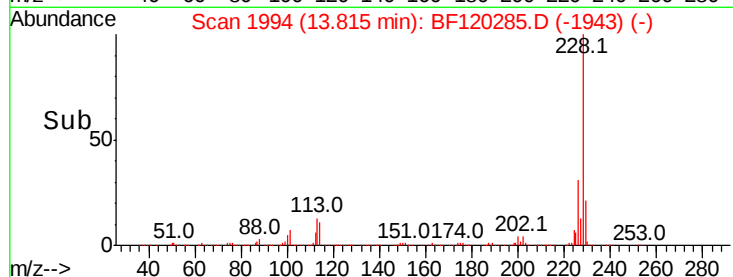
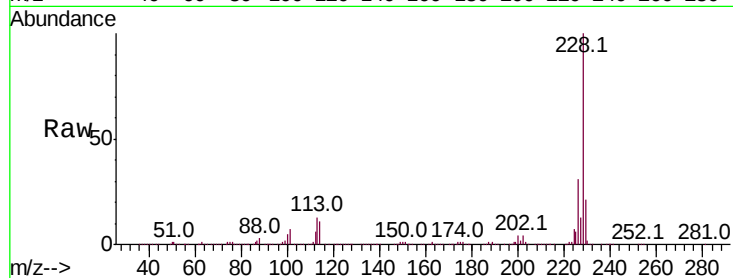
Tot Ion:228 Resp: 1876193

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

229 20.8 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.209 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

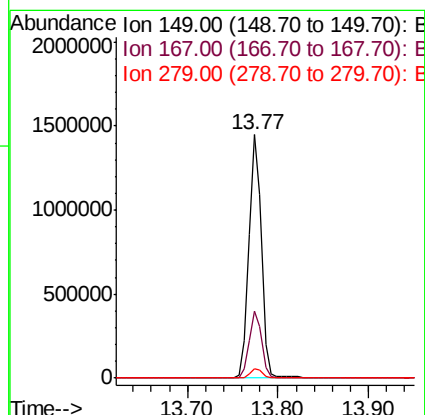
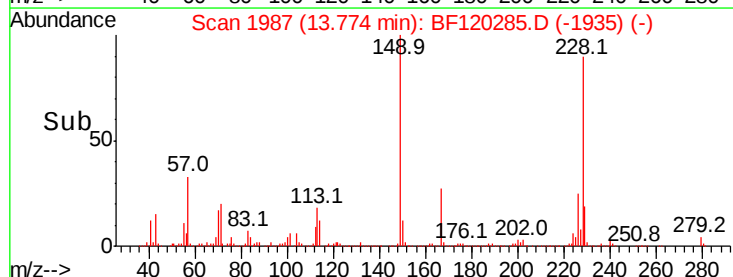
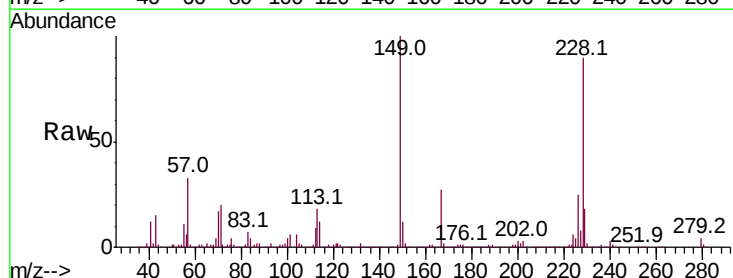
Tgt Ion:149 Resp: 1391245

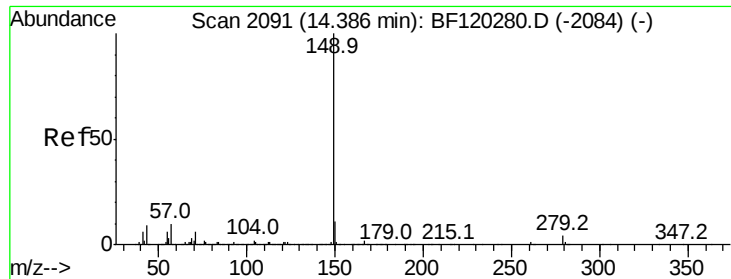
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 3.7 2.8 4.2

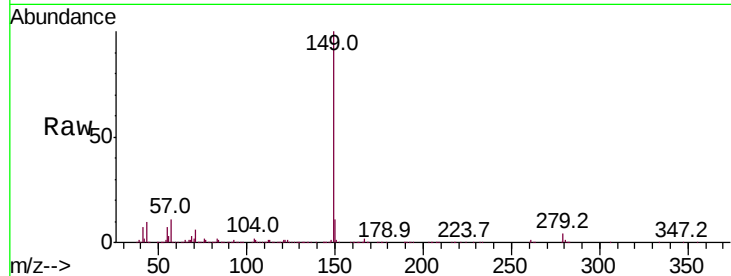




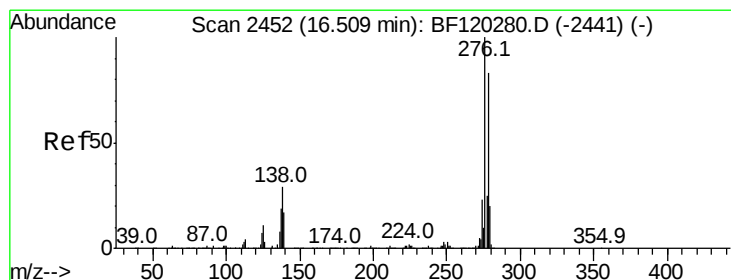
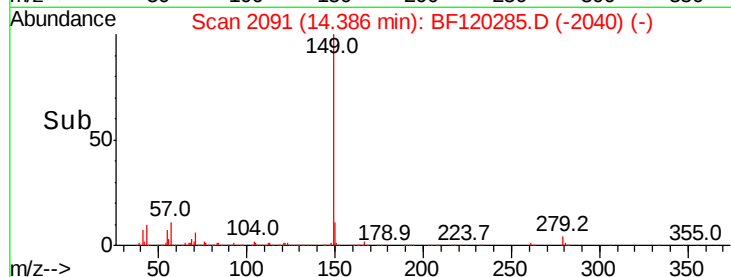
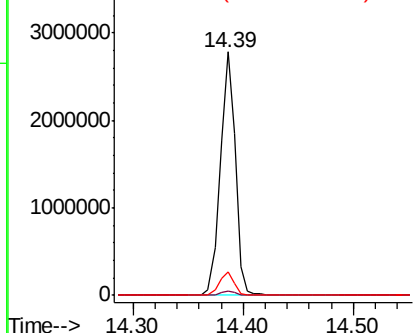
#85
Di-n-octyl phthalate
Concen: 40.114 ng
RT: 14.39 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

Instrument :
BNA_F
ClientSampleId :
ICVBF051420

Tot Ion:149 Resp: 2627627
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 7.5 11.3

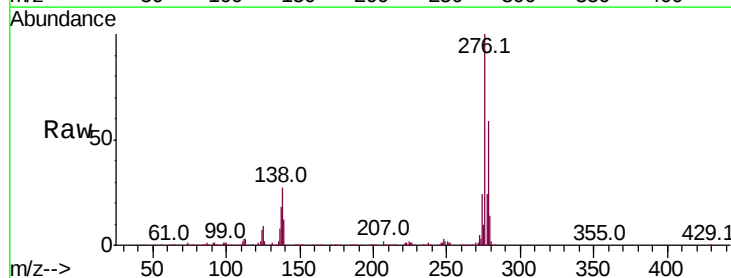


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

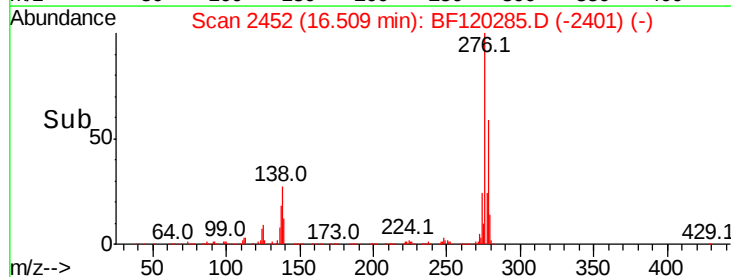
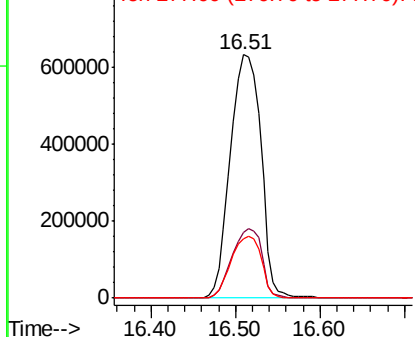


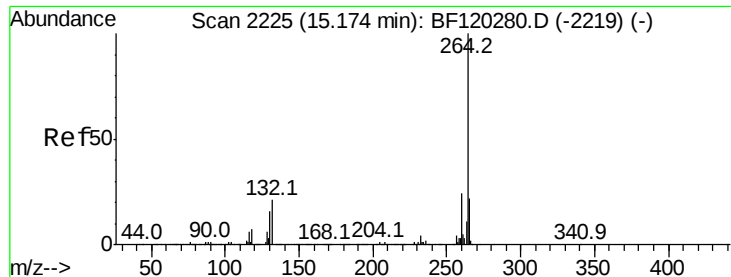
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.399 ng
RT: 16.51 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

Tgt Ion:276 Resp: 1586344
Ion Ratio Lower Upper
276 100
138 28.1 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: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

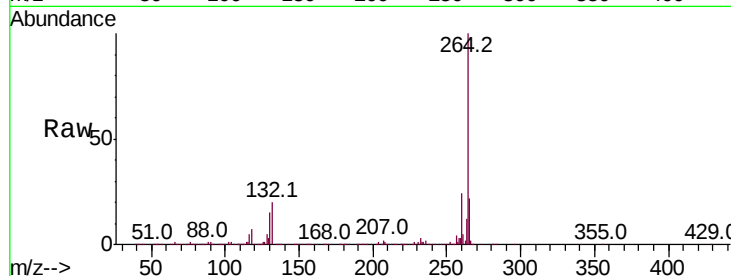
Tot Ion:264 Resp: 785448

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

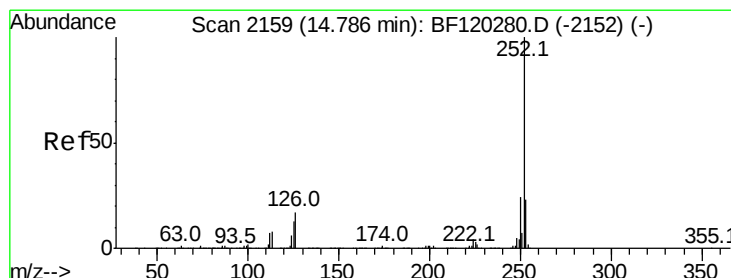
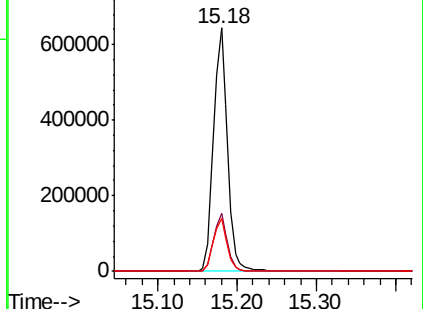
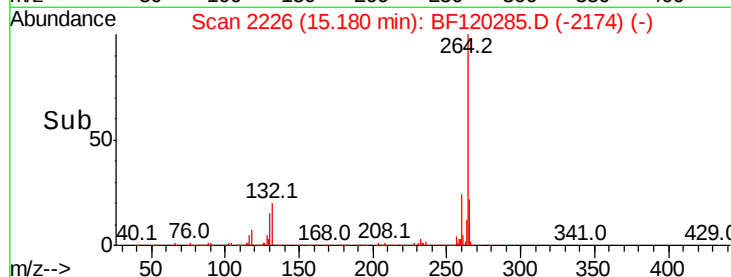
265 21.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.347 ng

RT: 14.79 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

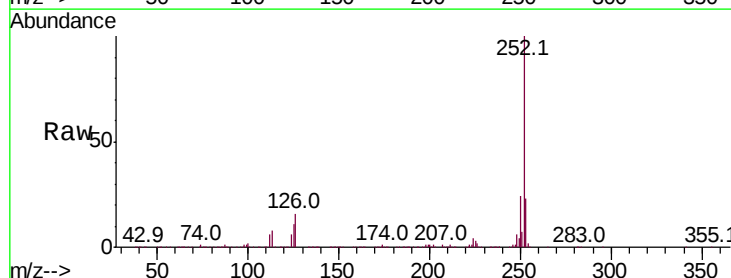
Tgt Ion:252 Resp: 1602003

Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

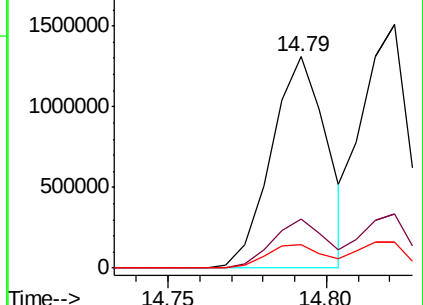
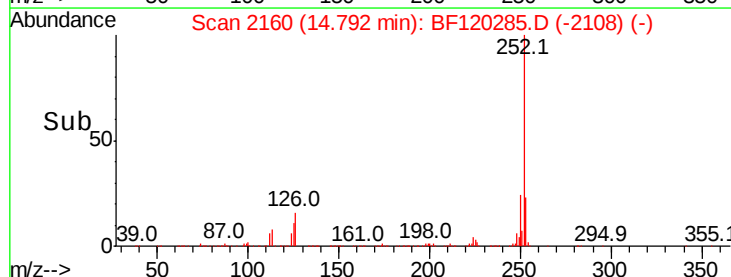
125 11.1 10.4 15.6

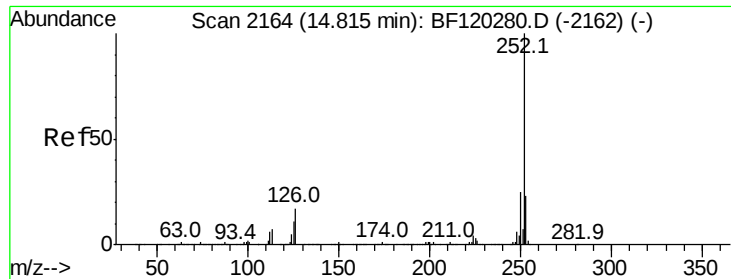


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

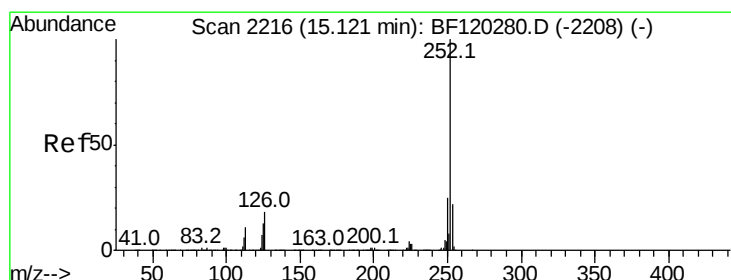
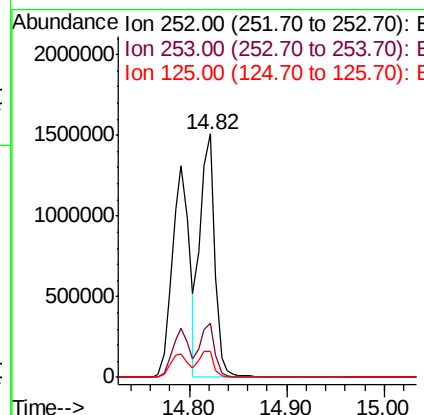
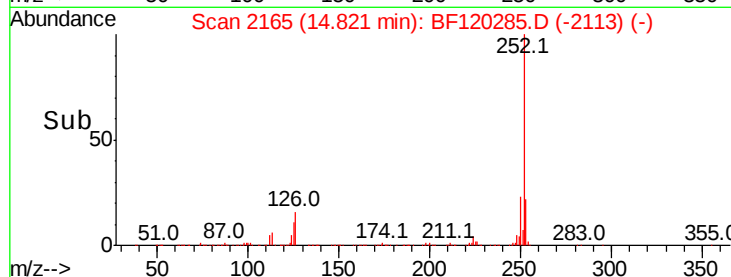
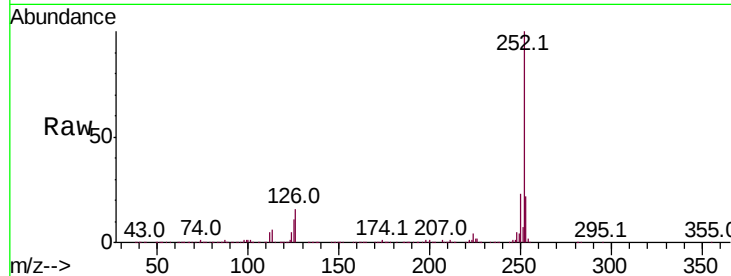




#89
Benzo(k)fluoranthene
Concen: 42.369 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

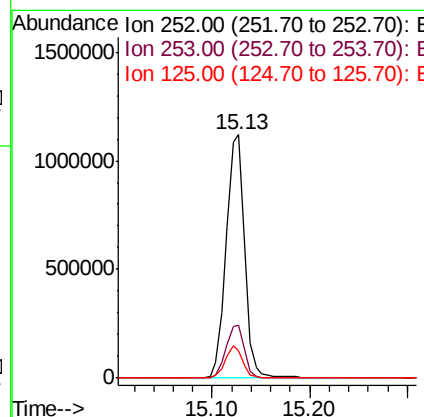
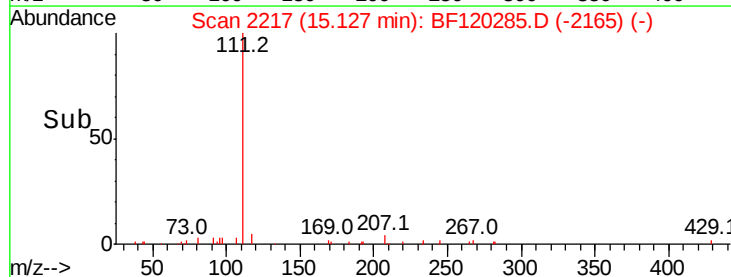
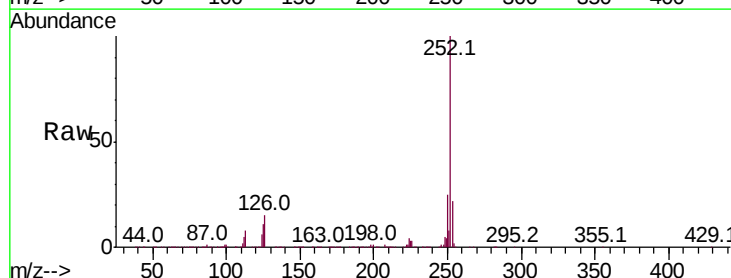
Instrument :
BNA_F
ClientSampleId :
ICVBF051420

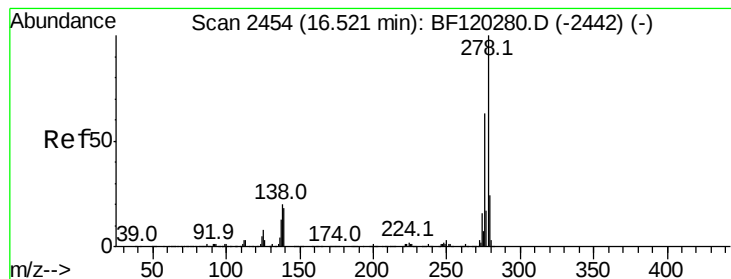
Tot Ion:252 Resp: 1574566
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 10.7 9.9 14.9



#90
Benzo(a)pyrene
Concen: 38.112 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

Tgt Ion:252 Resp: 1466156
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.4 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 39.161 ng

RT: 16.53 min Scan# 2455

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

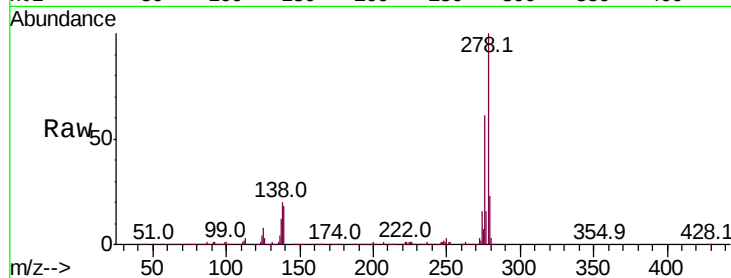
Tot Ion:278 Resp: 1334624

Ion Ratio Lower Upper

278 100

139 17.6 14.7 22.1

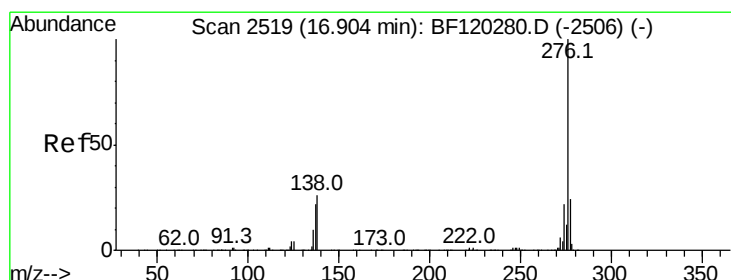
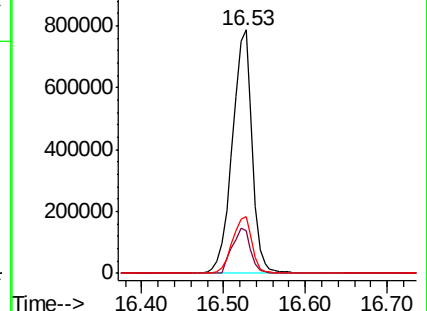
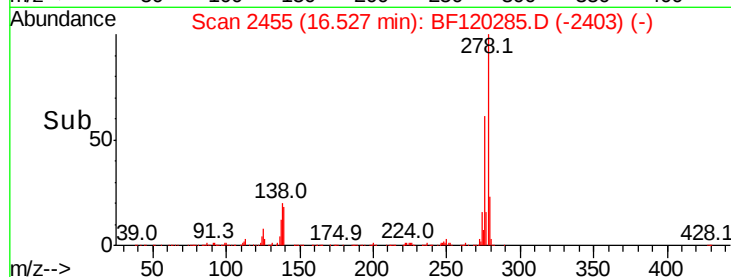
279 23.4 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.239 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

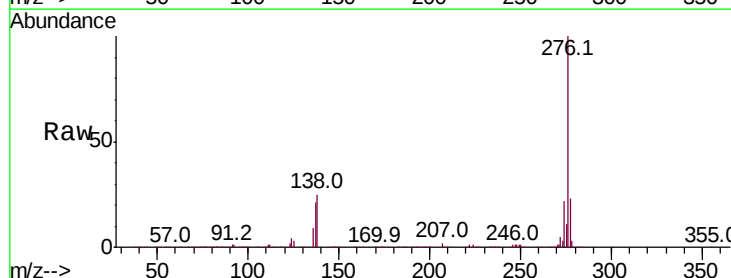
Tgt Ion:276 Resp: 1348503

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 24.9 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

