

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 :
 ICVBF051420

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

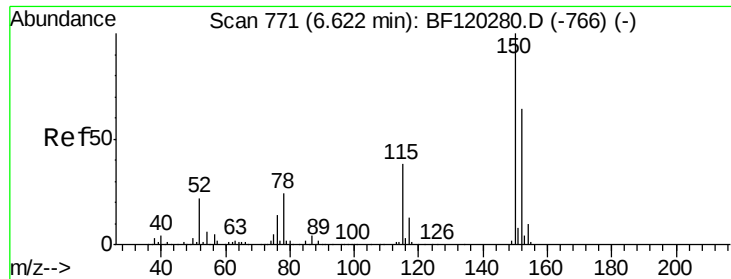
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120285.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	297462	41.239	nq	100
43) 2,4,6-Trichlorophenol	8.91	196	502834	39.203	nq	99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

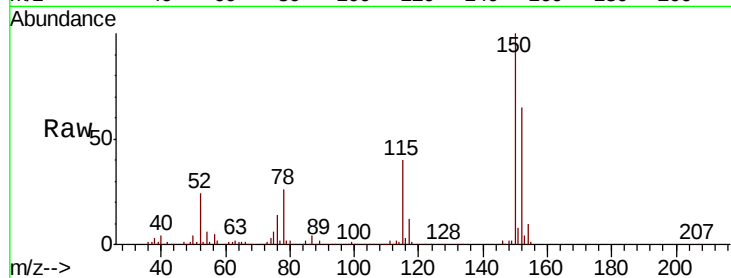
Tot Ion:152 Resp: 318557

Ion Ratio Lower Upper

152 100

150 154.1 126.2 189.2

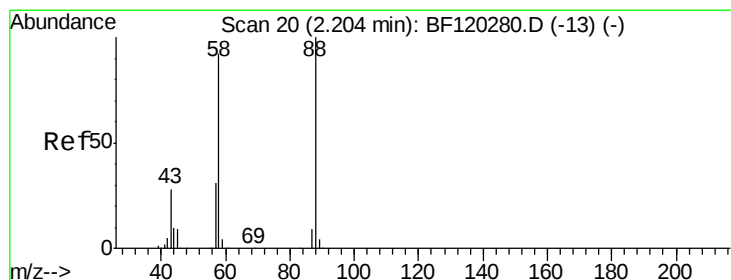
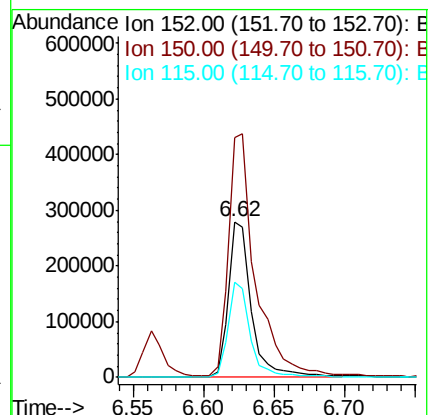
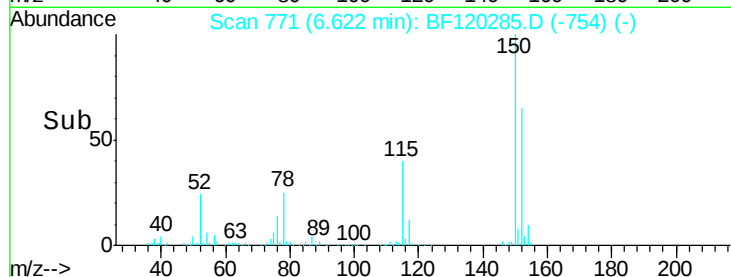
115 61.3 47.9 71.9



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

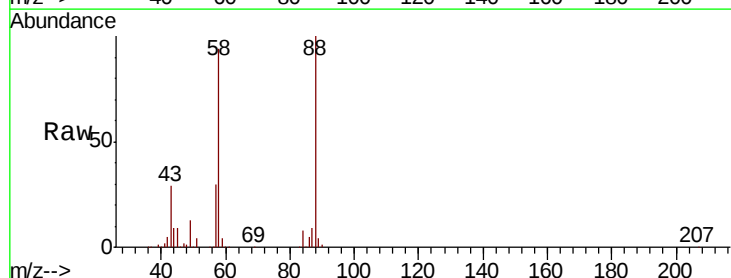
Tgt Ion: 88 Resp: 298656

Ion Ratio Lower Upper

88 100

58 94.5 75.8 113.6

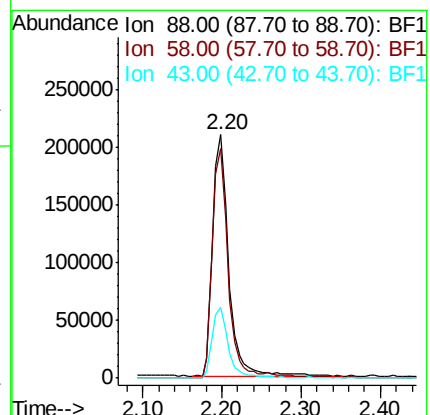
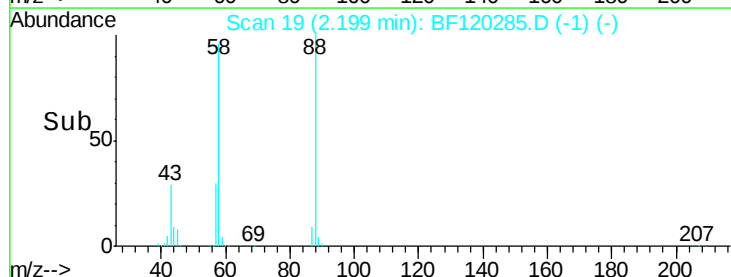
43 28.7 23.6 35.4

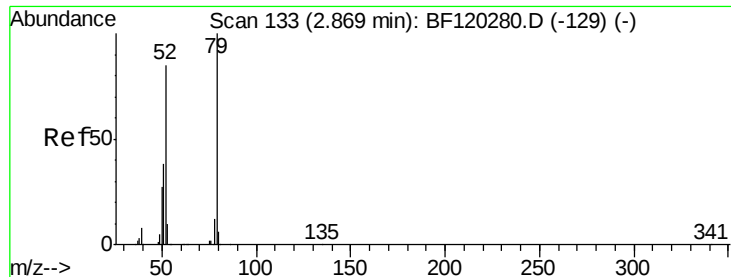


Abundance Ion 88.00 (87.70 to 88.70): BF1

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

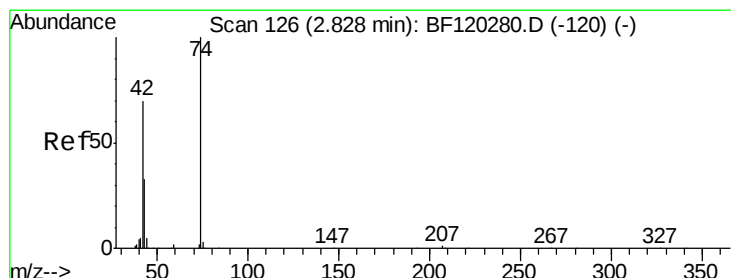
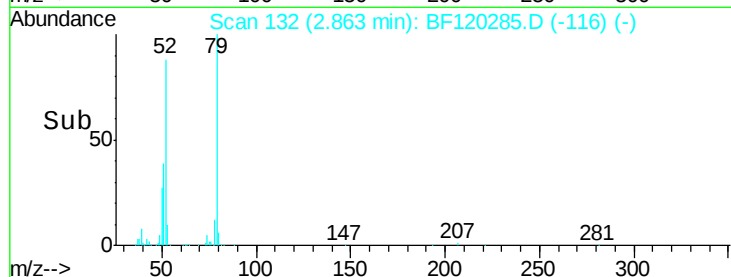
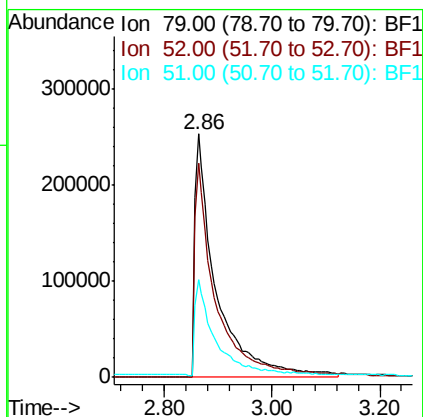
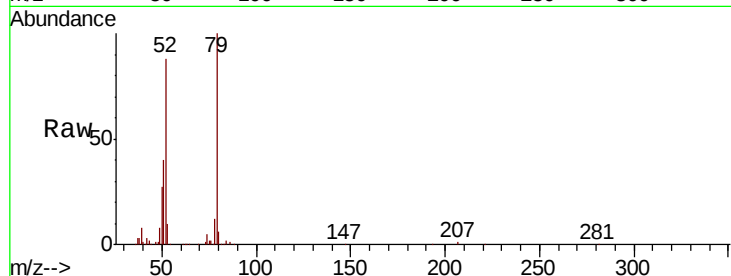
Tot Ion: 79 Resp: 697625

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

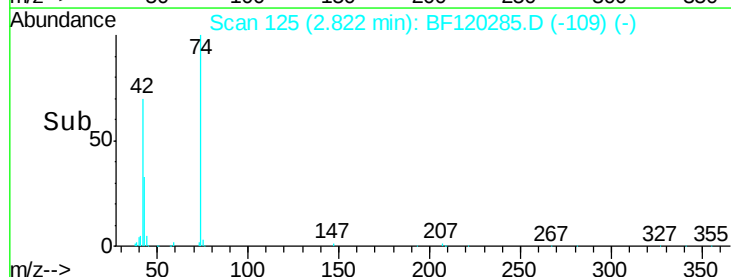
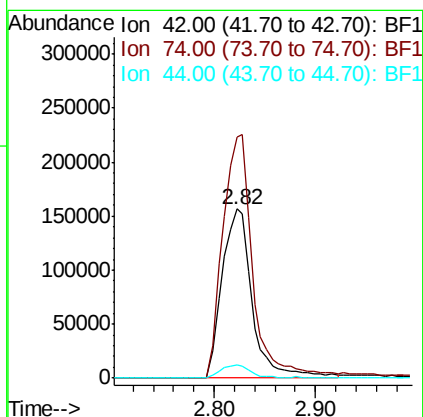
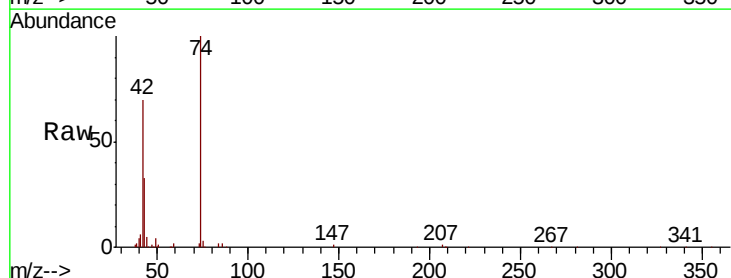
Tgt Ion: 42 Resp: 322644

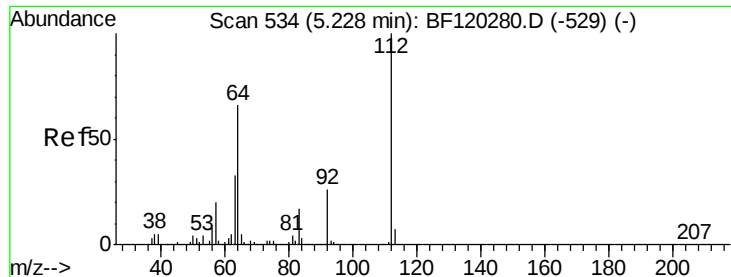
Ion Ratio Lower Upper

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

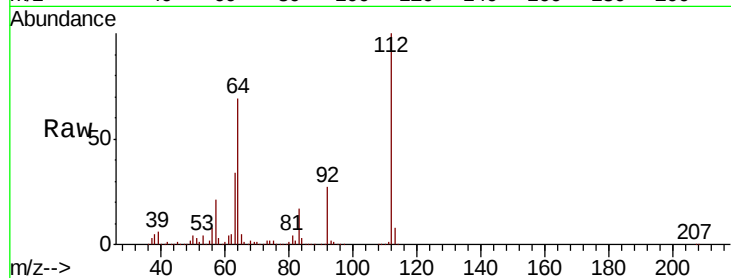
Tot Ion:112 Resp: 1303983

Ion Ratio Lower Upper

112 100

64 69.4 52.7 79.1

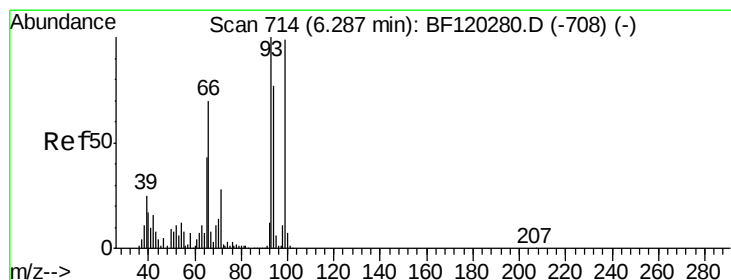
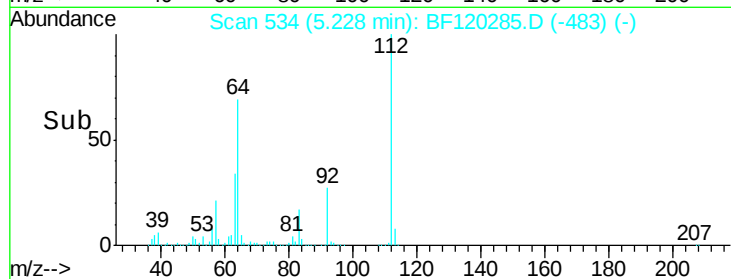
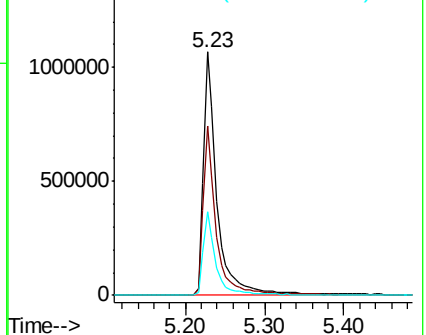
63 34.2 26.2 39.4



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

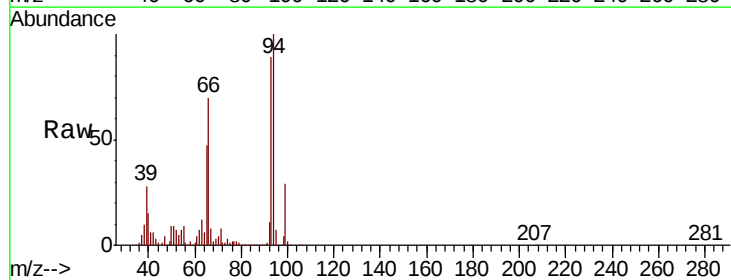
Tgt Ion: 93 Resp: 1092449

Ion Ratio Lower Upper

93 100

66 78.7 56.2 84.4

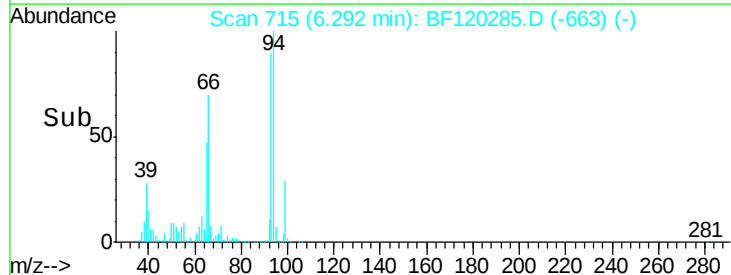
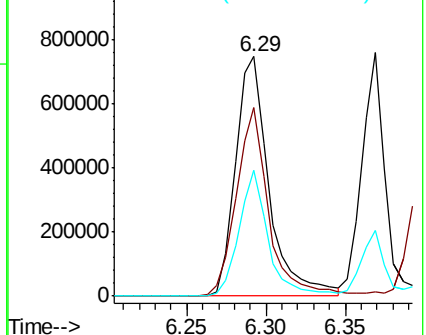
65 52.4 34.2 51.2#

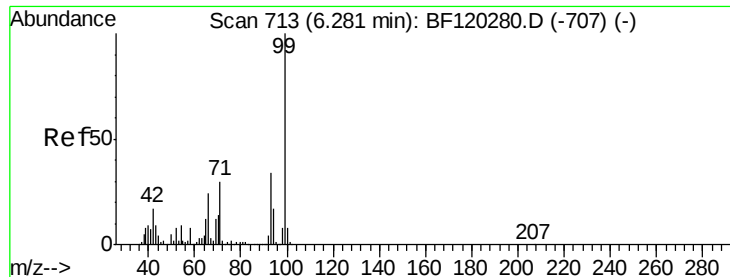


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

Instrument :

BNA_F

ClientSampleId :

ICVBF051420

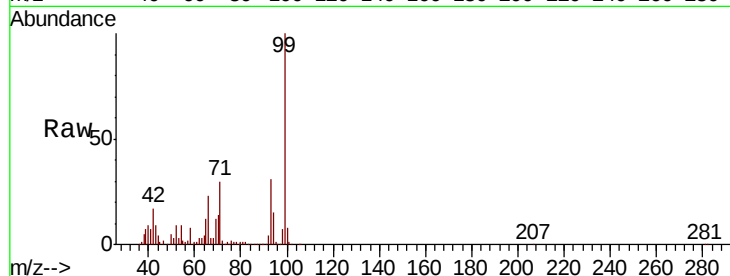
Tot Ion: 99 Resp: 1674240

Ion Ratio Lower Upper

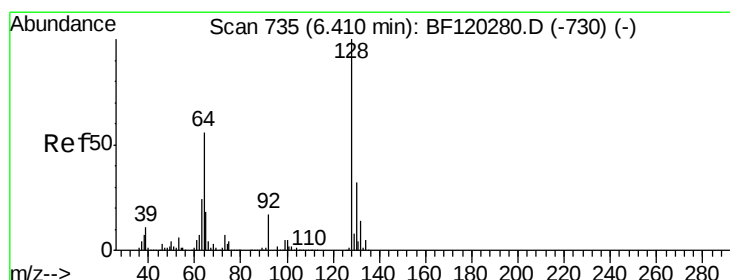
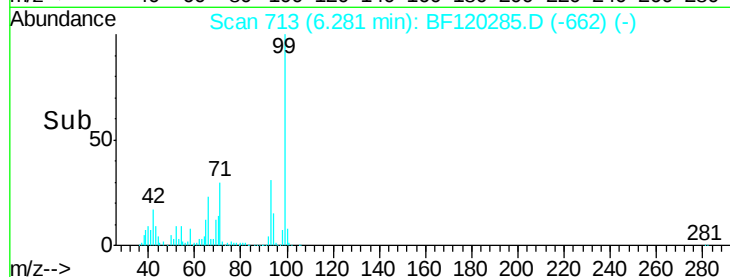
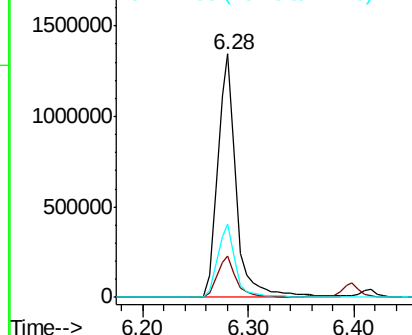
99 100

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

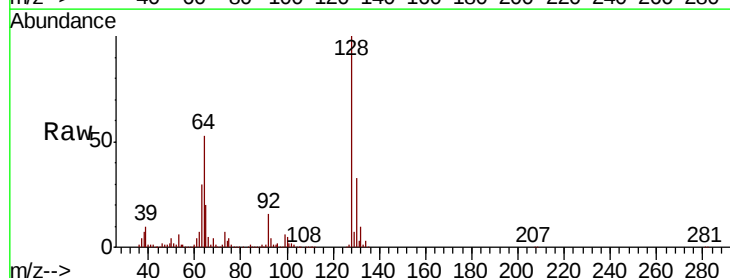
Tgt Ion: 128 Resp: 756073

Ion Ratio Lower Upper

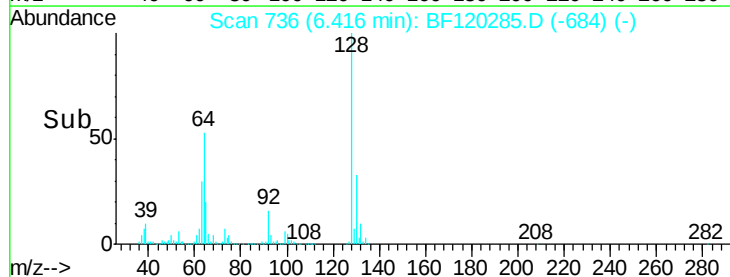
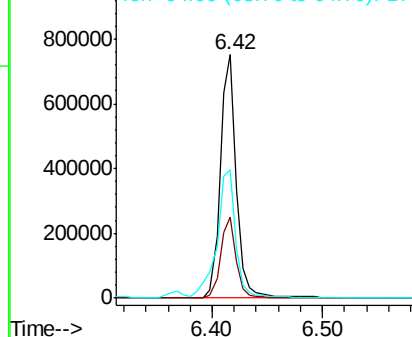
128 100

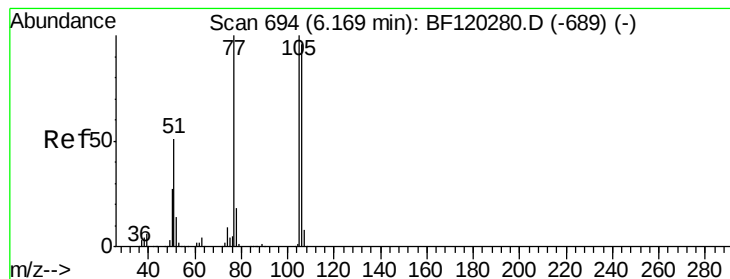
130 33.1 12.4 52.4

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

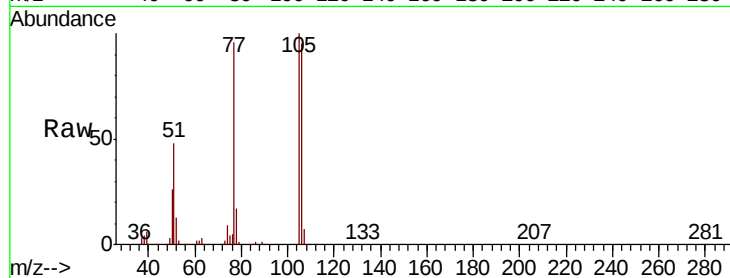
Tot Ion: 77 Resp: 636322

Ion Ratio Lower Upper

77 100

105 103.7 79.9 119.9

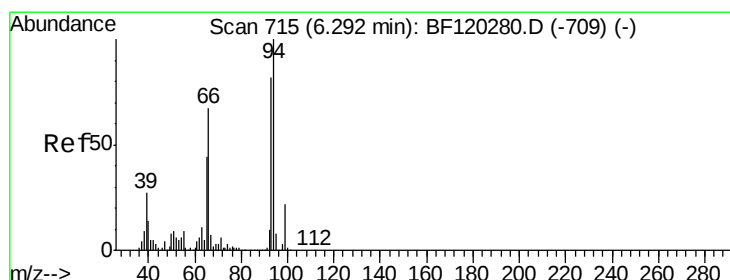
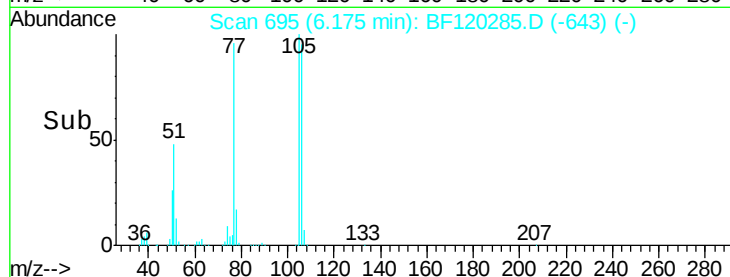
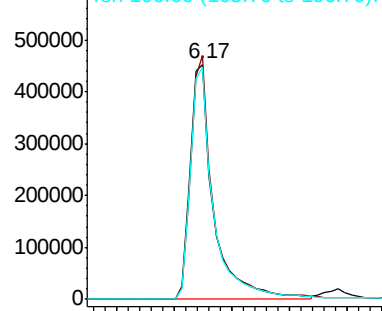
106 98.7 75.7 115.7



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

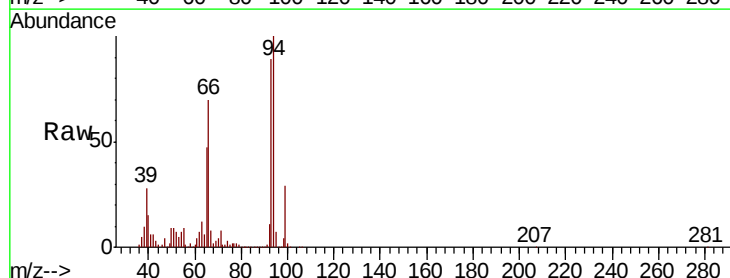
Tgt Ion: 94 Resp: 971283

Ion Ratio Lower Upper

94 100

65 46.9 24.1 64.1

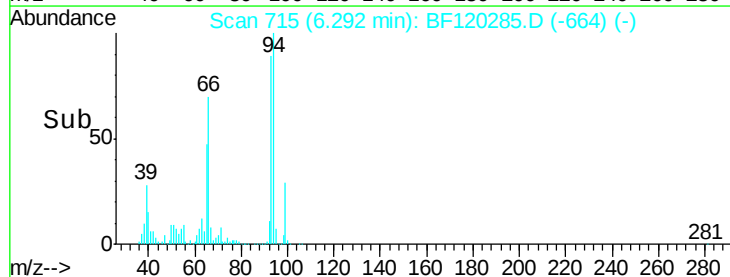
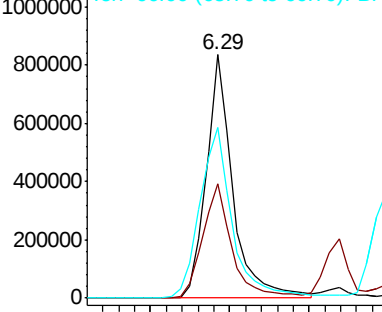
66 70.3 47.5 87.5

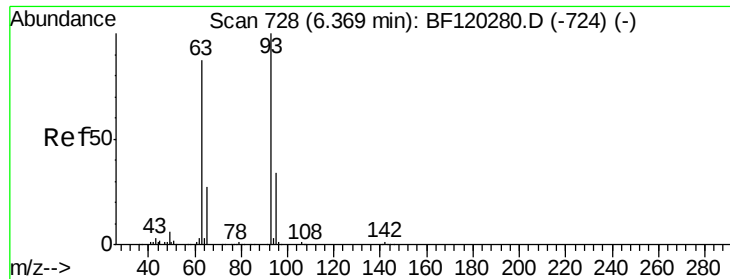


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

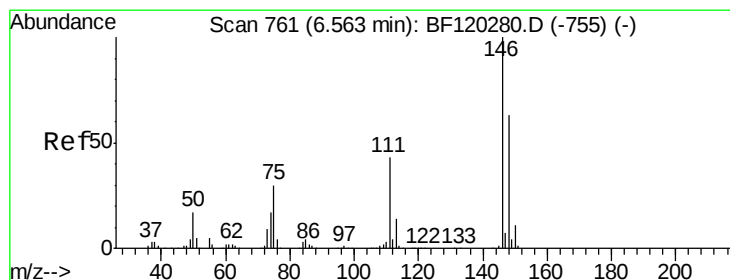
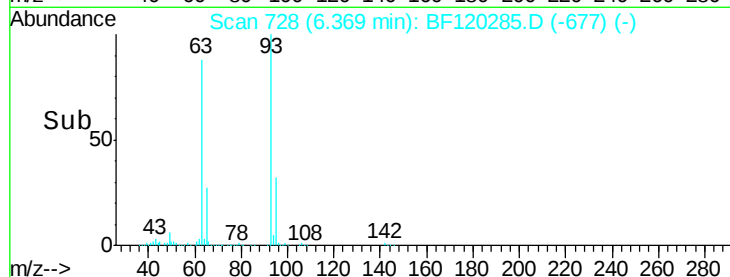
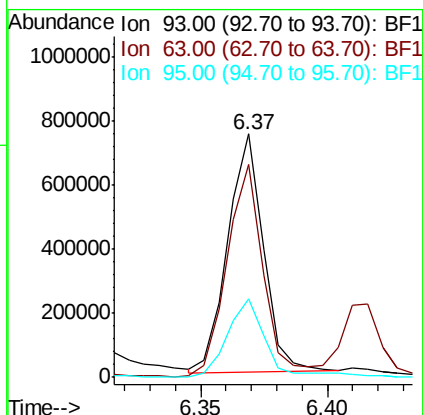
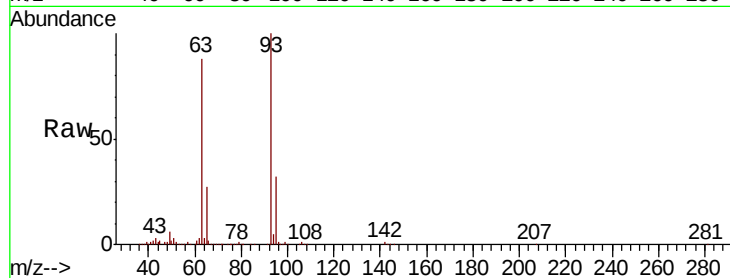




#11
bis(2-Chloroethyl)ether
Concen: 37.308 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

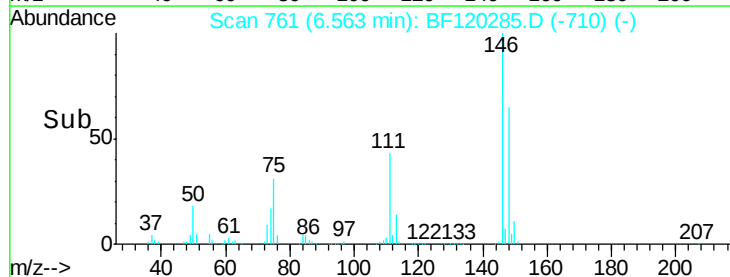
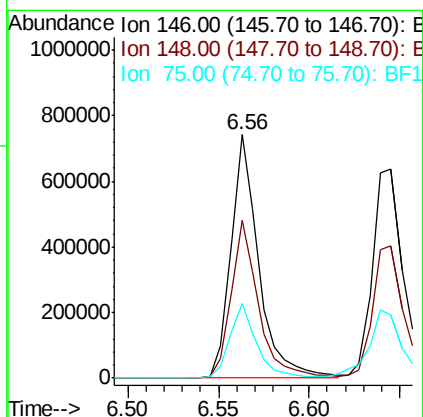
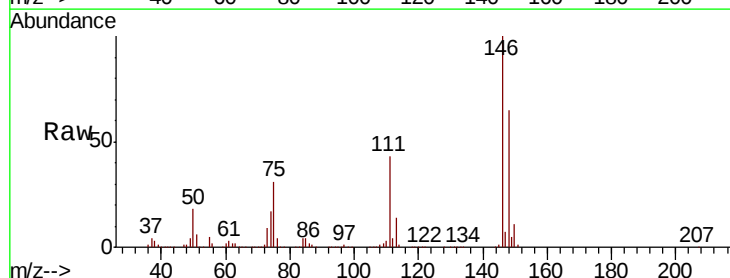
Instrument :
BNA_F
ClientSampleId :
ICVBF051420

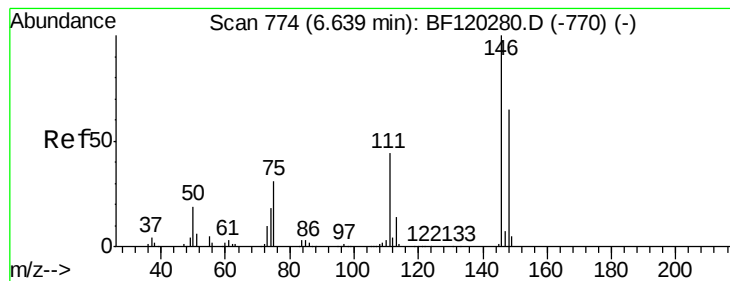
Tot Ion: 93 Resp: 720270
Ion Ratio Lower Upper
93 100
63 87.7 65.4 105.4
95 32.3 12.9 52.9



#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

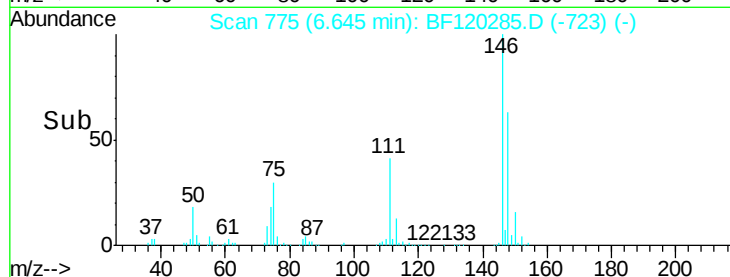
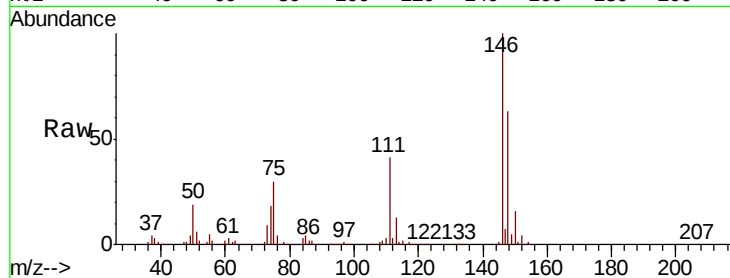
Tot Ion:146 Resp: 836755

Ion Ratio Lower Upper

146 100

148 63.2 51.6 77.4

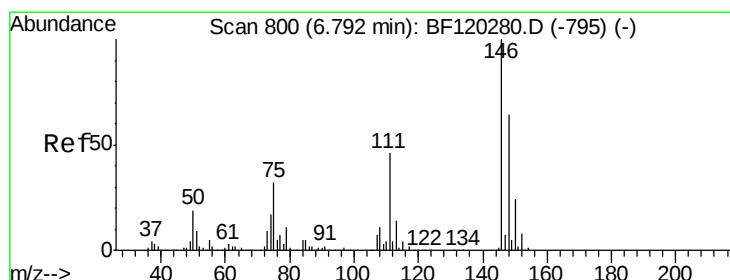
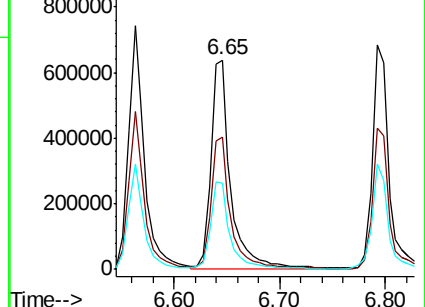
111 41.5 35.1 52.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 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

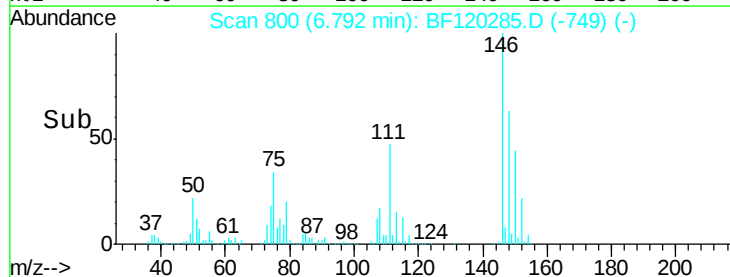
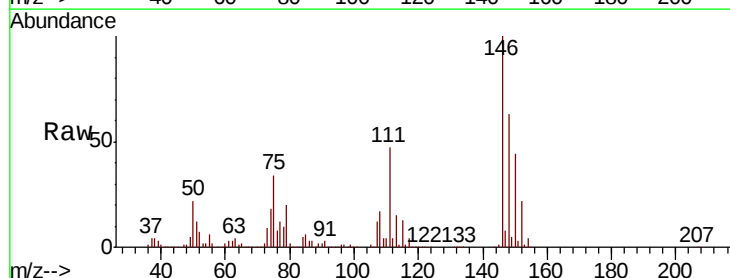
Tgt Ion:146 Resp: 743488

Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

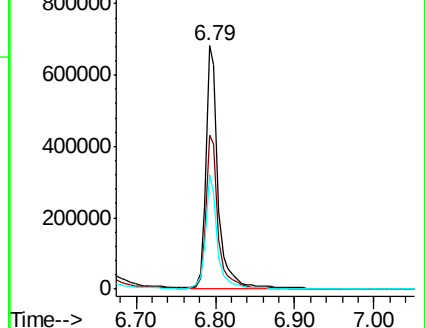
111 46.8 36.6 55.0

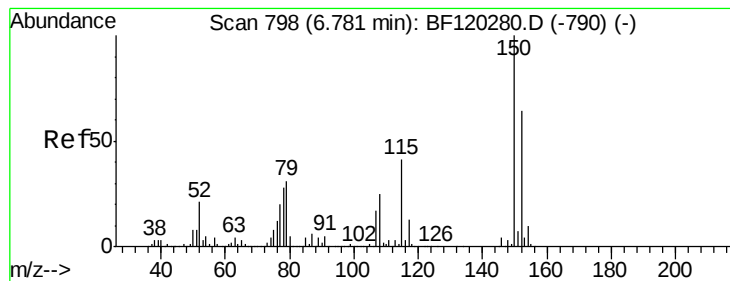


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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

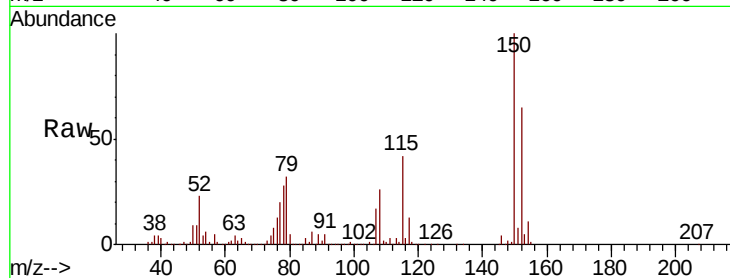
Tot Ion: 79 Resp: 590877

Ion Ratio Lower Upper

79 100

108 81.3 64.2 96.4

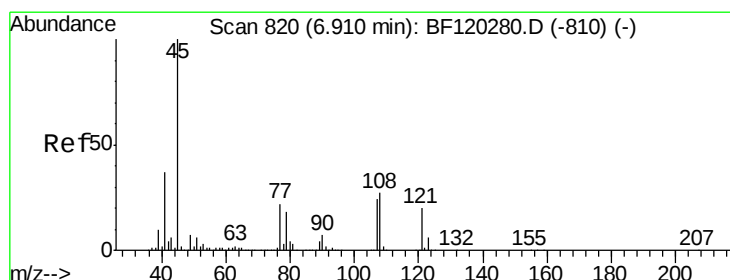
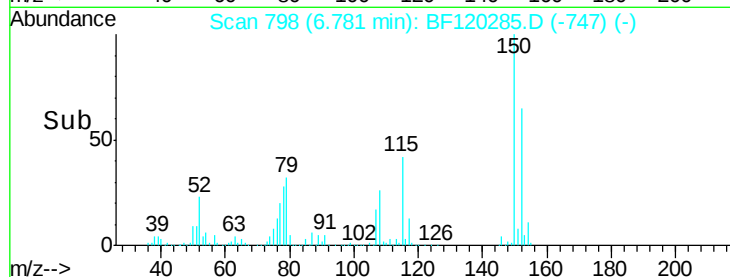
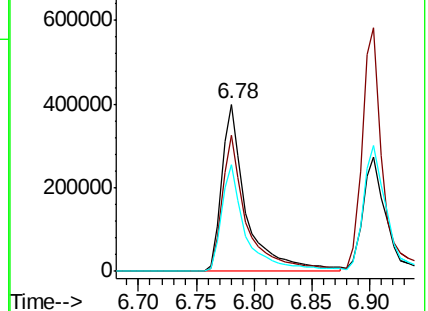
77 63.9 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#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

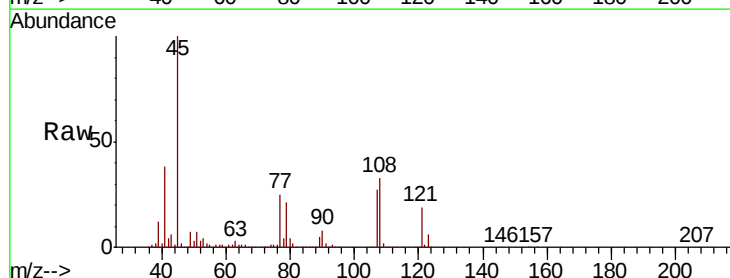
Tgt Ion: 45 Resp: 1205957

Ion Ratio Lower Upper

45 100

77 24.5 3.1 43.1

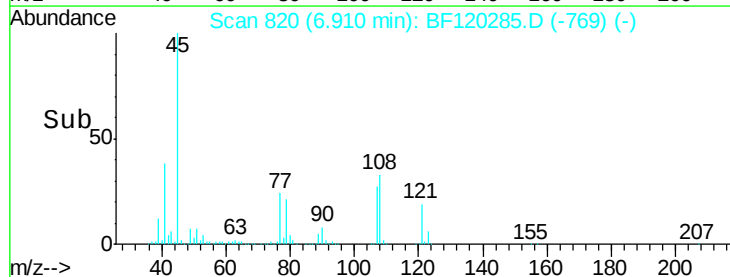
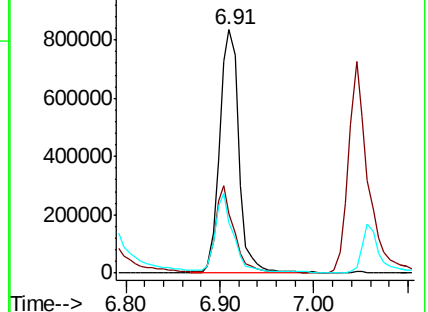
79 20.8 0.0 40.0

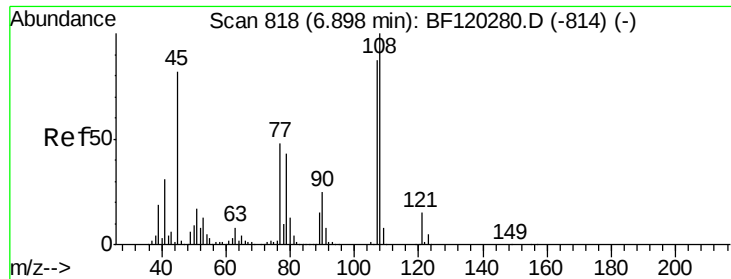


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#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

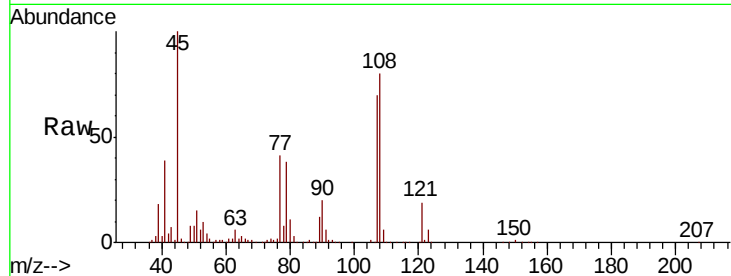
Ion Ratio Lower Upper

107 100

108 115.6 92.4 138.6

77 59.5 44.5 66.7

79 54.2 40.4 60.6

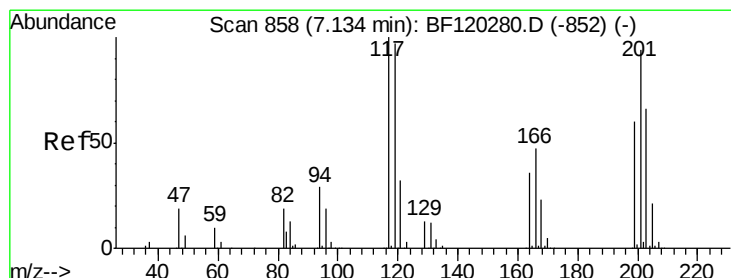
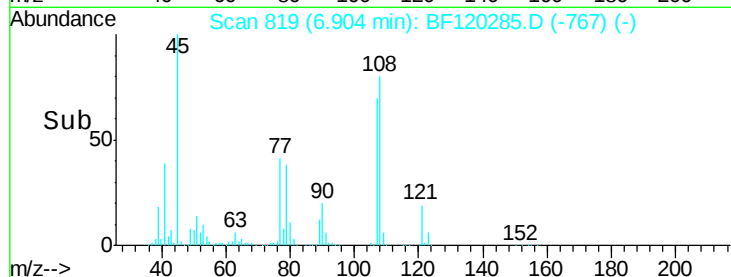
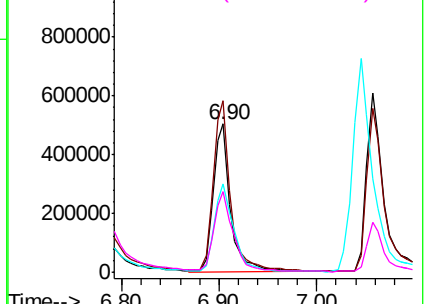


Abundance Ion 107.00 (106.70 to 107.70): E

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

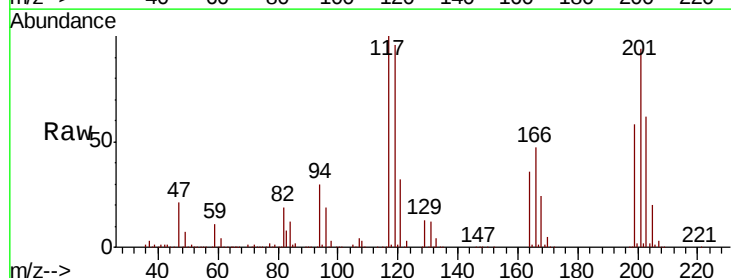
Tgt Ion:117 Resp: 303728

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.0

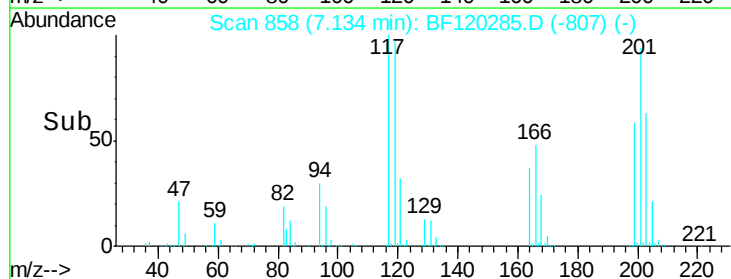
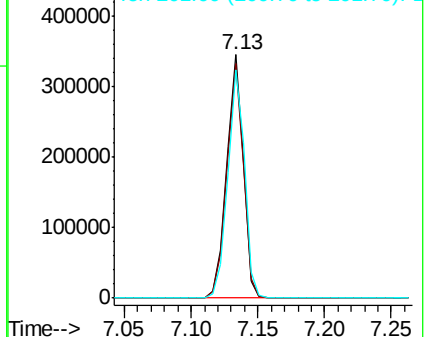
201 93.5 74.9 112.3

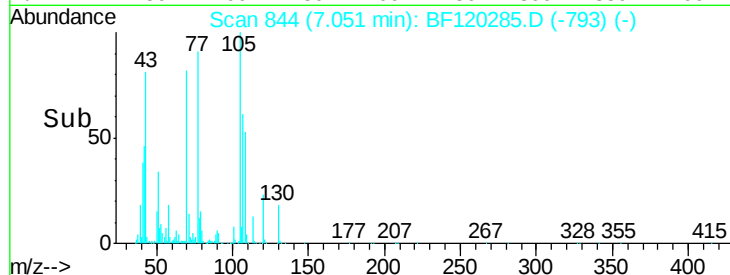
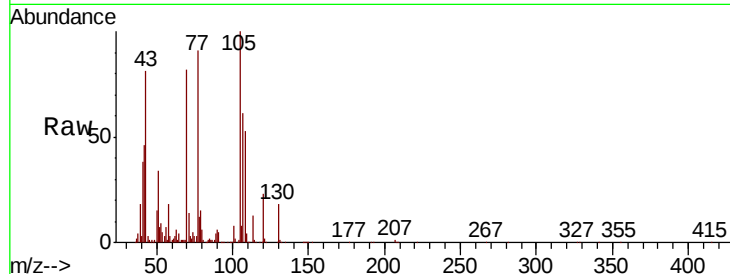
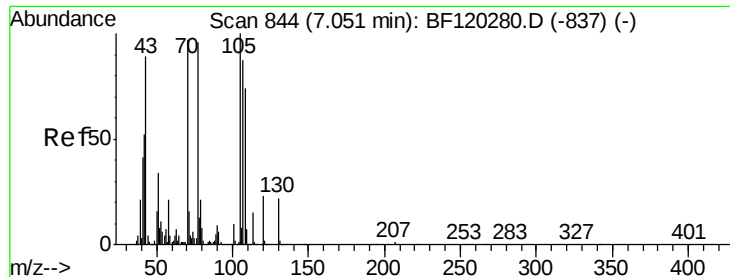


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

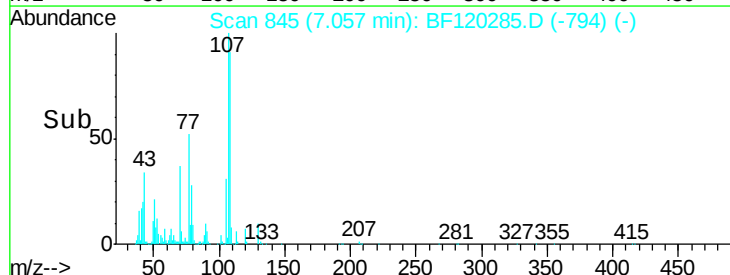
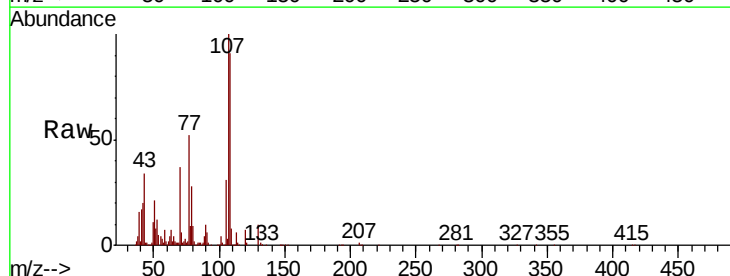
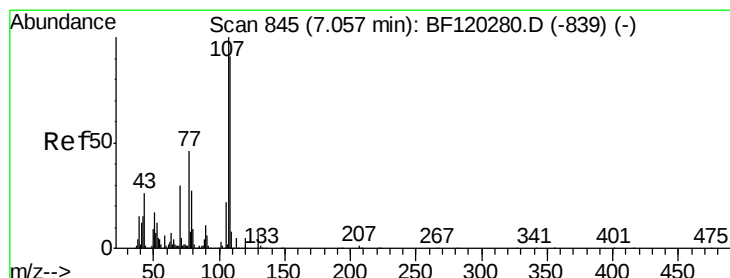
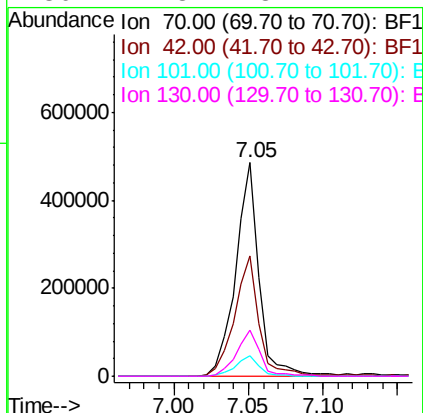




#19
n-Nitroso-di-n-propylamine
Concen: 39.189 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

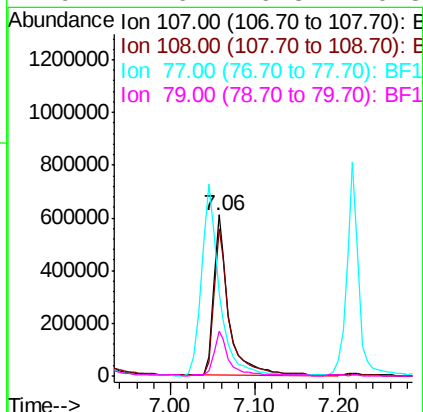
Instrument :
BNA_F
ClientSampleId :
ICVBF051420

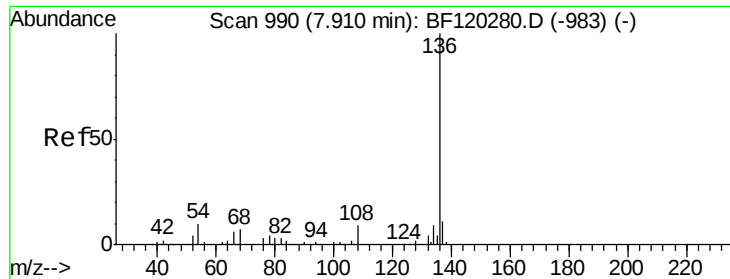
Tot Ion:	70	Resp:	531560
Ion	Ratio	Lower	Upper
70	100		
42	56.6	43.4	65.0
101	9.6	7.8	11.8
130	21.8	18.2	27.4



#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



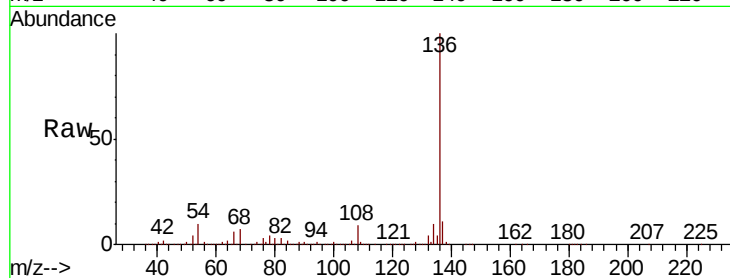


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

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



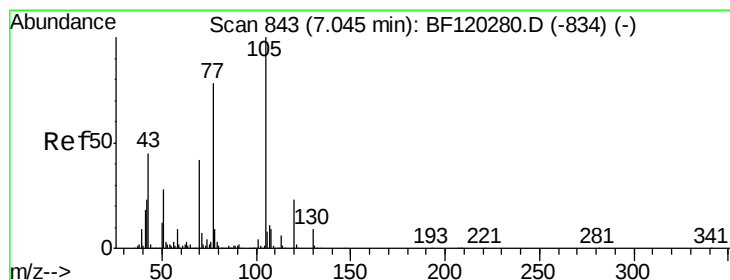
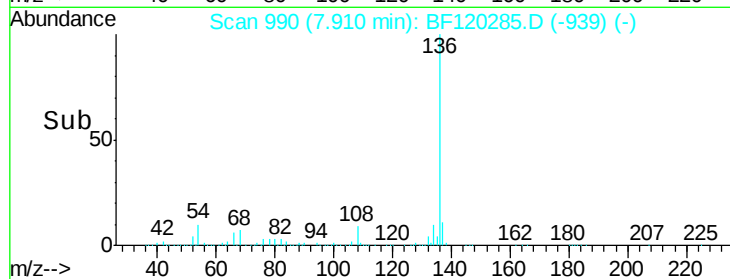
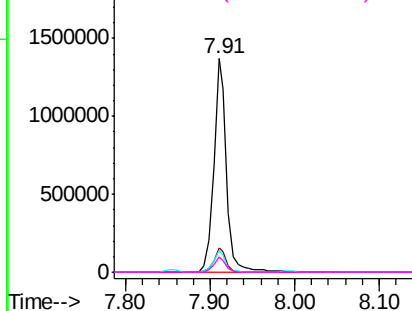
Abundance

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

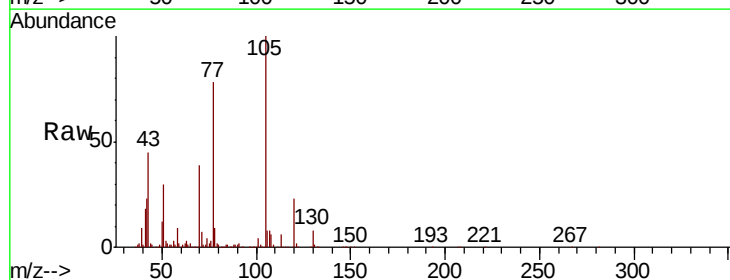
Ion 68.00 (67.70 to 68.70): BF1



#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



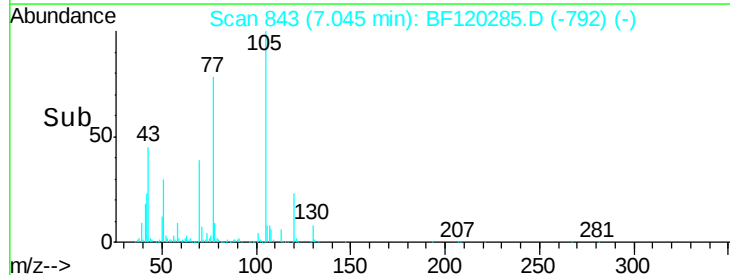
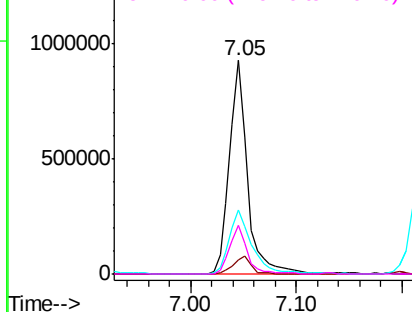
Abundance

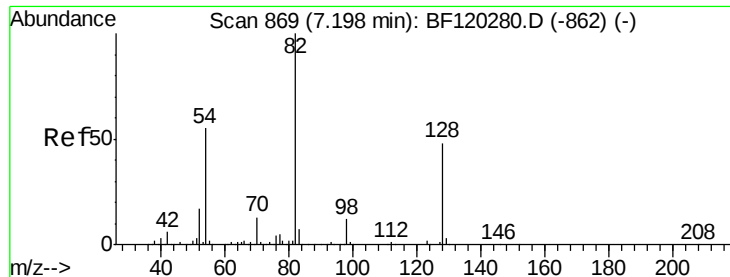
Ion 105.00 (104.70 to 105.70): E

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

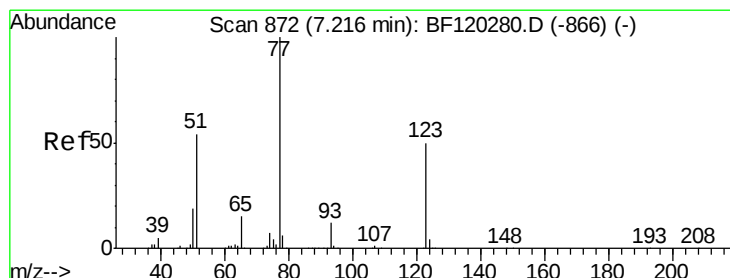
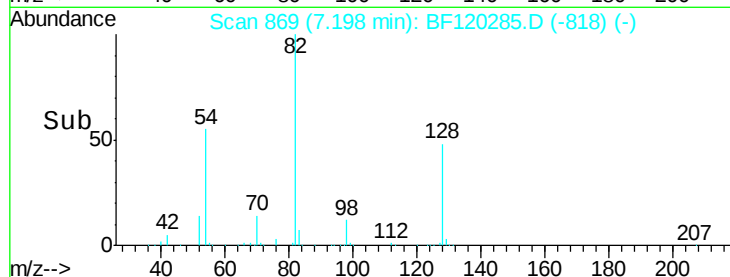
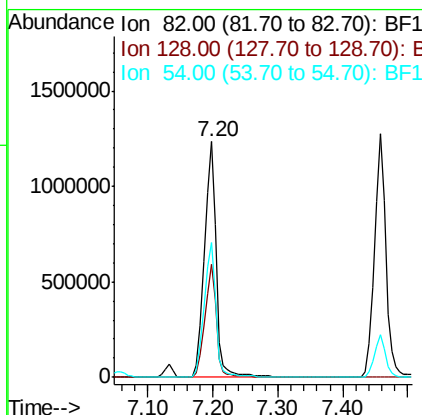
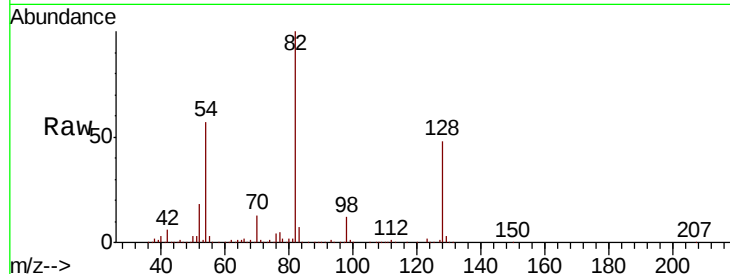




#23
 Nitrobenzene-d5
 Concen: 72.791 ng
 RT: 7.20 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

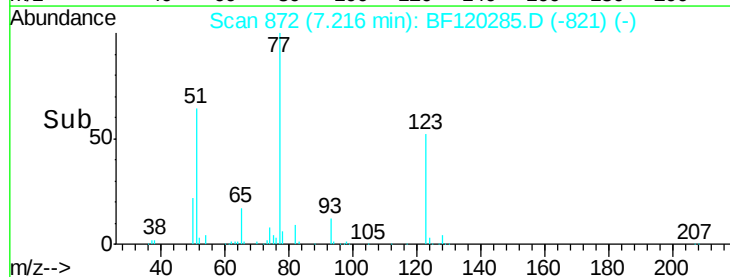
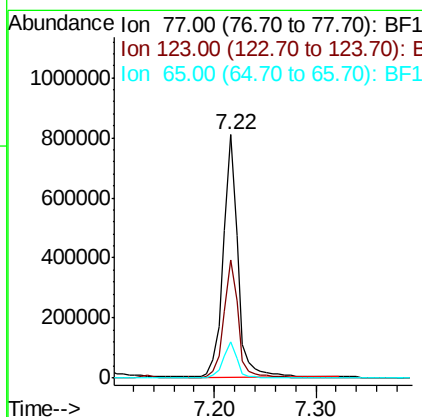
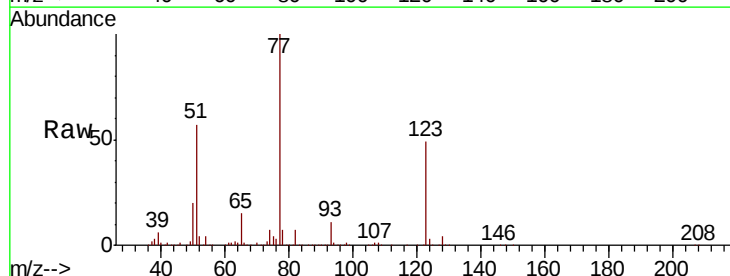
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051420

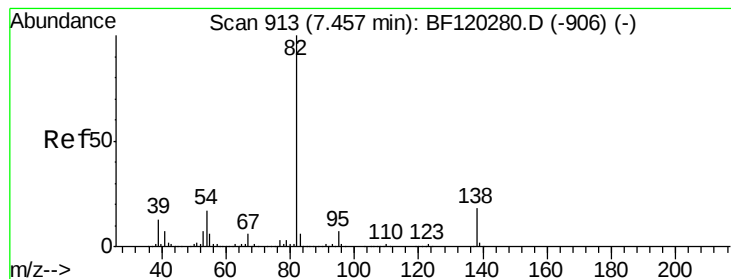
Tot Ion: 82 Resp: 1563120
 Ion Ratio Lower Upper
 82 100
 128 47.8 38.3 57.5
 54 57.1 43.9 65.9



#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

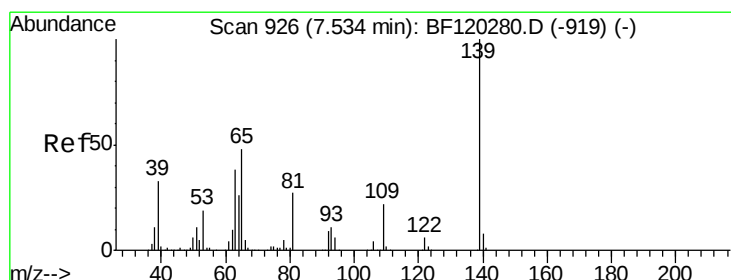
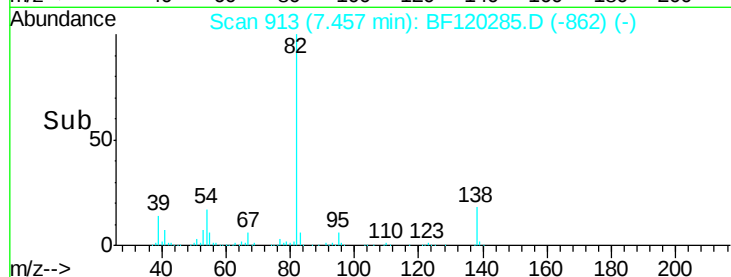
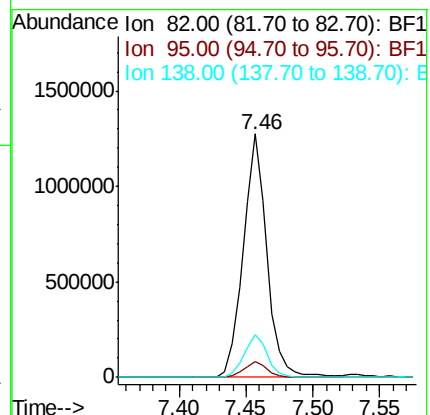
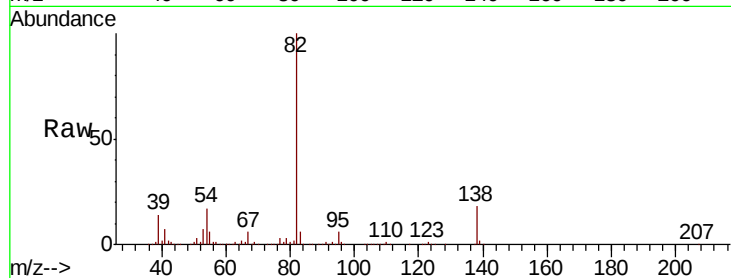
Tot Ion: 82 Resp: 1558115

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

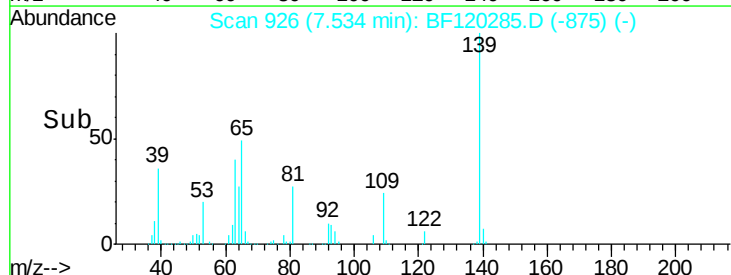
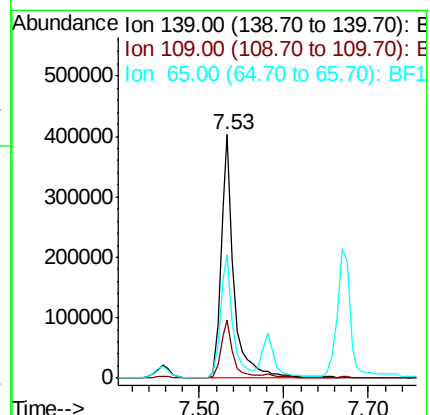
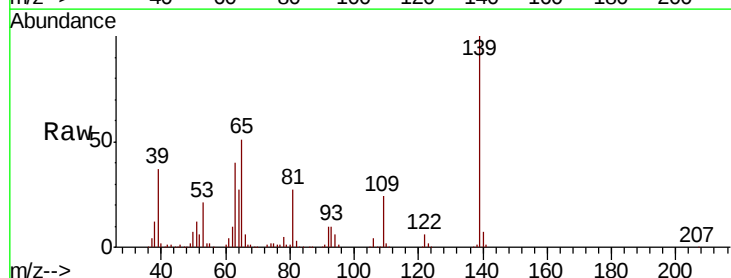
Tgt Ion: 139 Resp: 439456

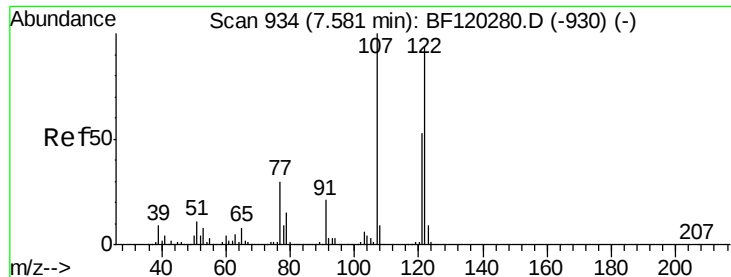
Ion Ratio Lower Upper

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

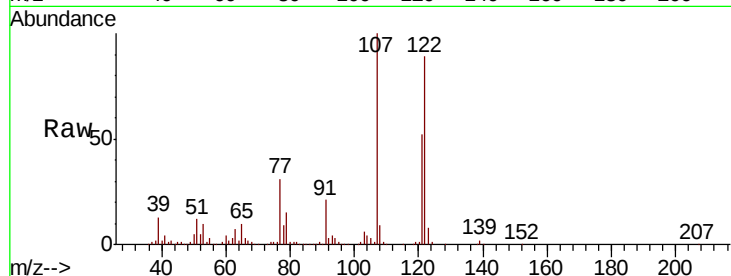
Tot Ion:122 Resp: 678876

Ion Ratio Lower Upper

122 100

107 111.7 85.0 127.6

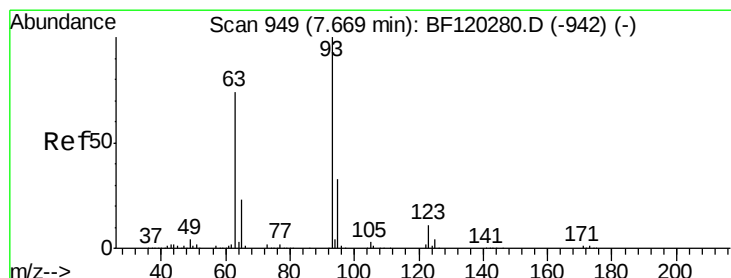
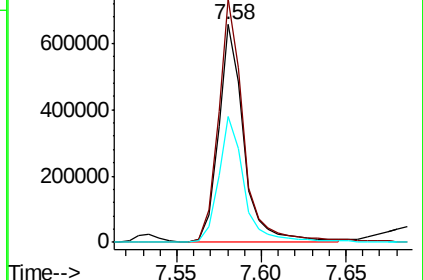
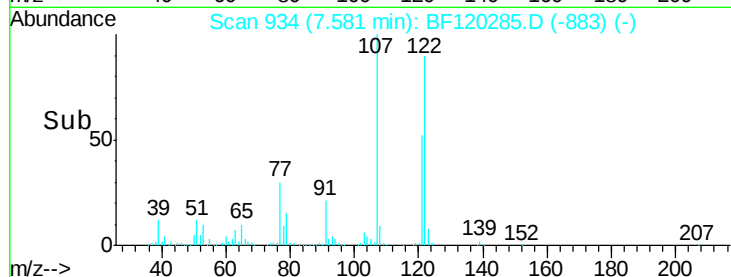
121 57.6 45.1 67.7



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

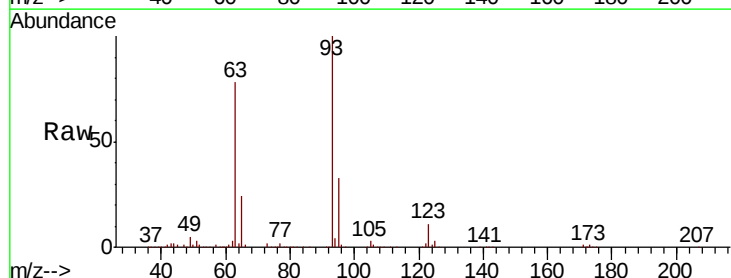
Tgt Ion: 93 Resp: 997647

Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

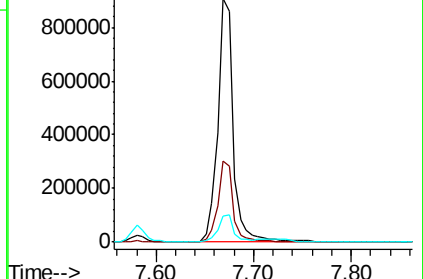
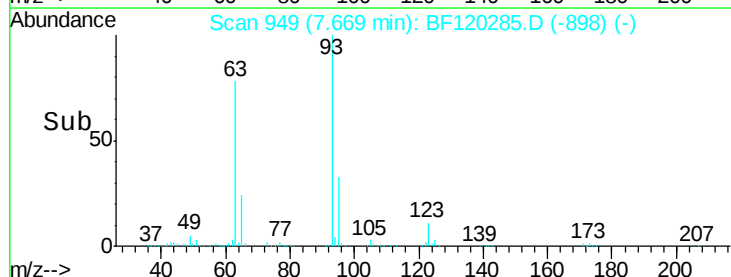
123 10.9 9.2 13.8

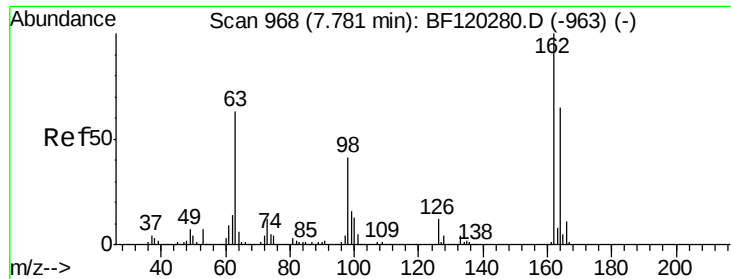


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

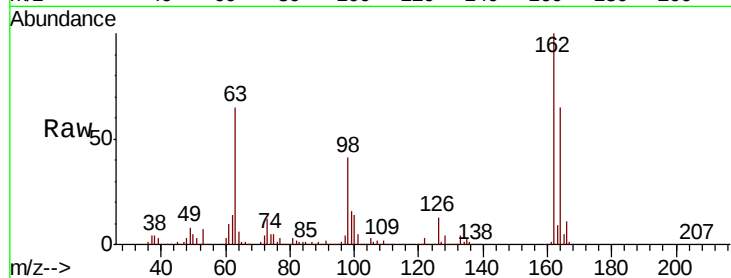




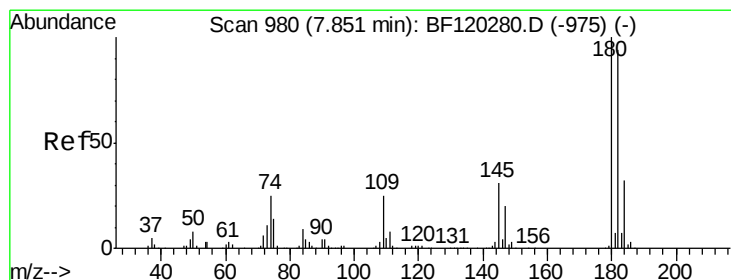
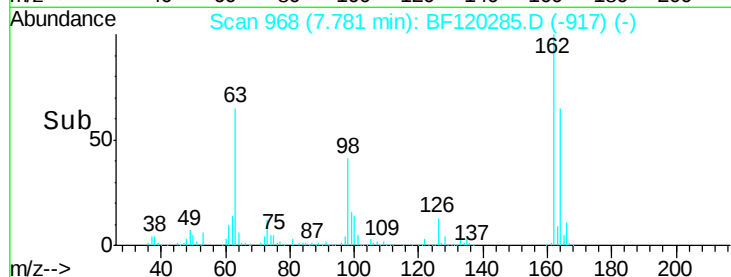
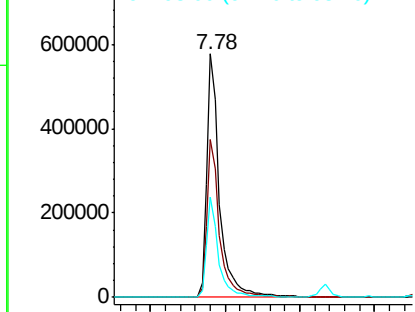
#29
 2,4-Dichlorophenol
 Concen: 38.312 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

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

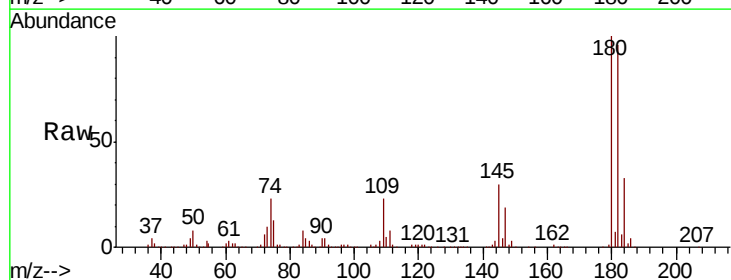


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

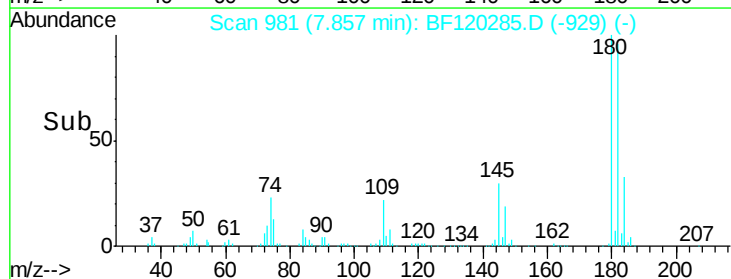
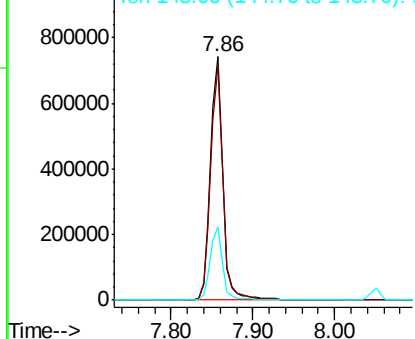


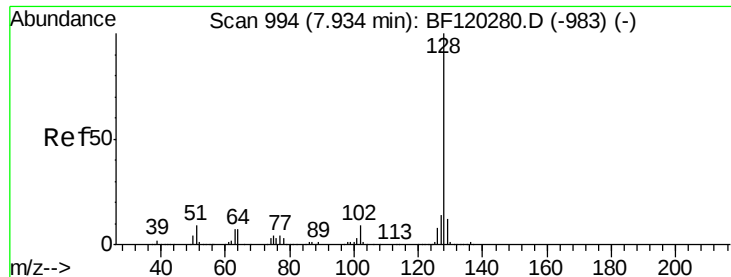
#30
 1,2,4-Trichlorobenzene
 Concen: 39.272 ng
 RT: 7.86 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

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

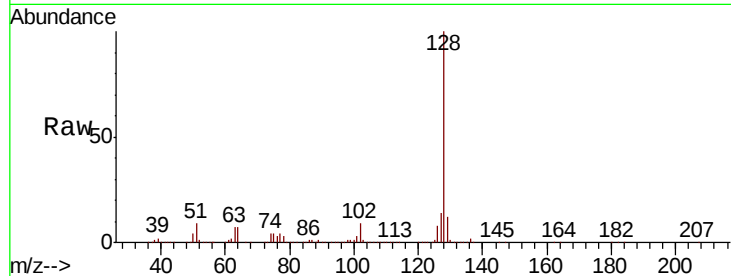




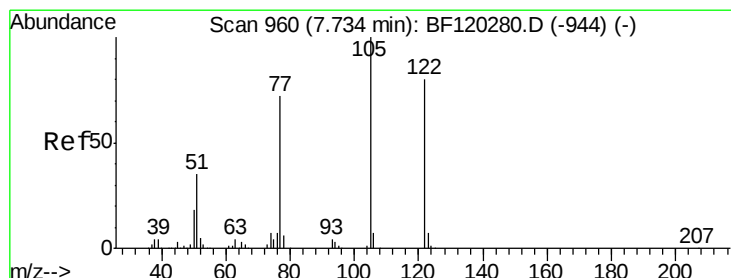
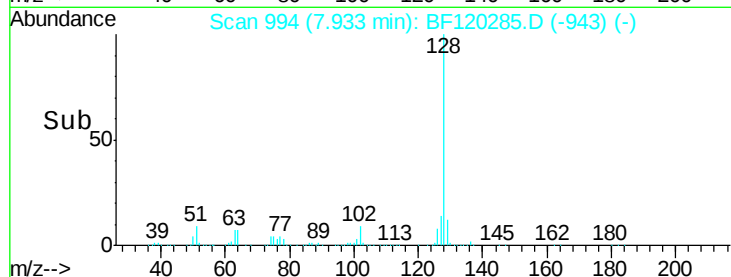
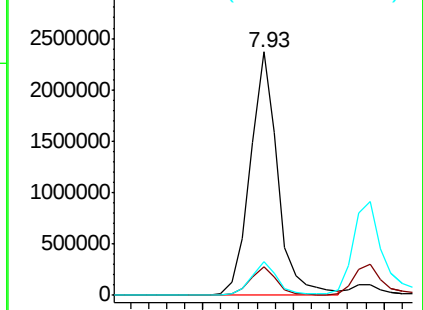
#31
Naphthalene
Concen: 40.226 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

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

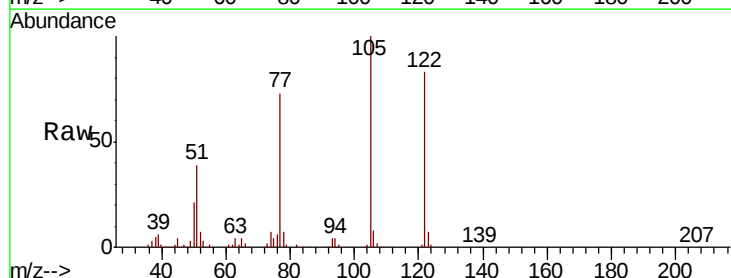


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

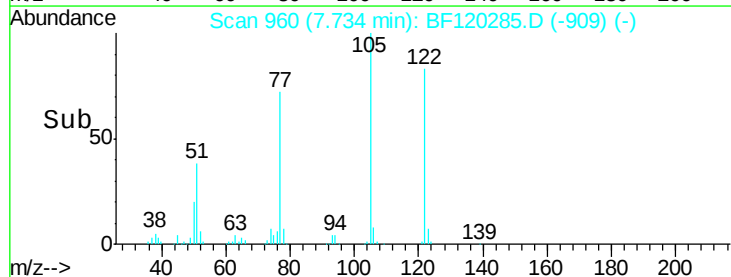
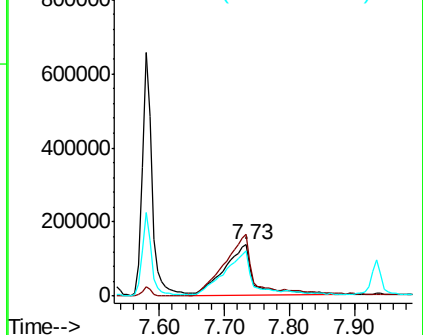


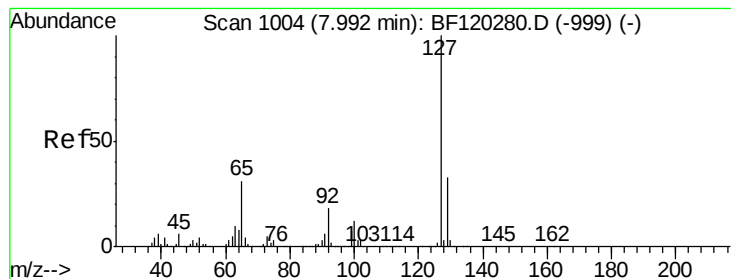
#32
Benzoic acid
Concen: 37.224 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

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

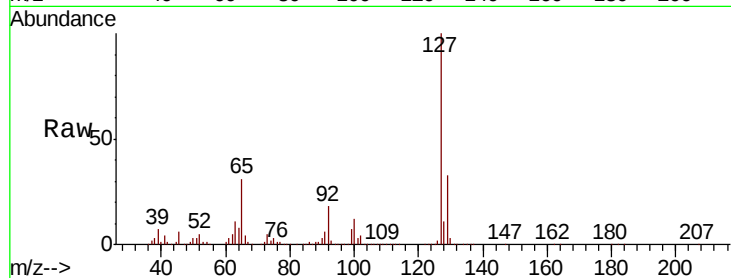
Ion Ratio Lower Upper

127 100

129 33.3 26.4 39.6

65 31.0 24.8 37.2

92 18.4 14.5 21.7

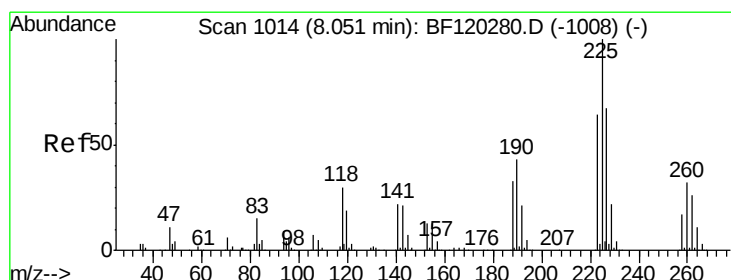
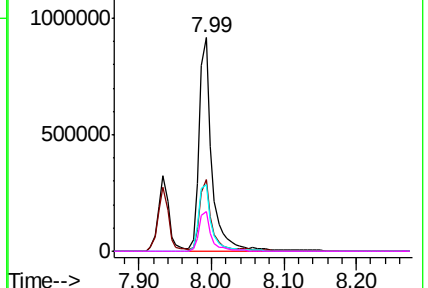
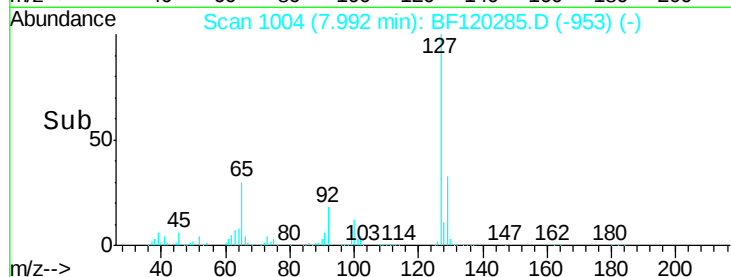


Abundance Ion 127.00 (126.70 to 127.70): E

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

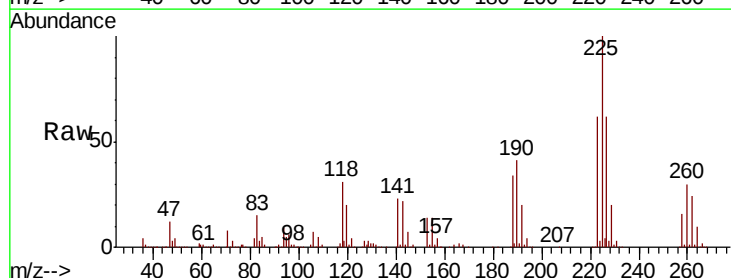
Tgt Ion:225 Resp: 440595

Ion Ratio Lower Upper

225 100

223 61.5 51.4 77.0

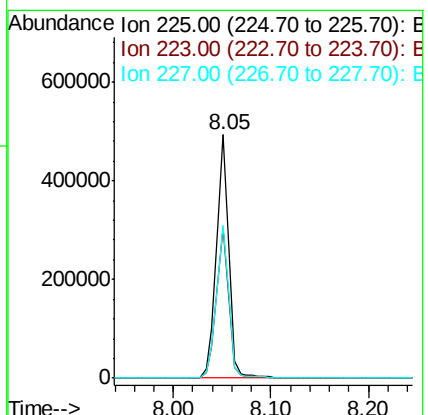
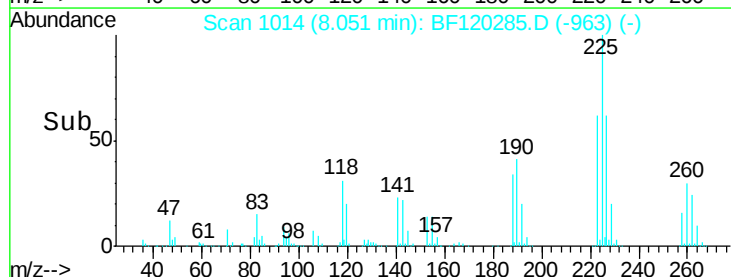
227 62.5 54.0 81.0

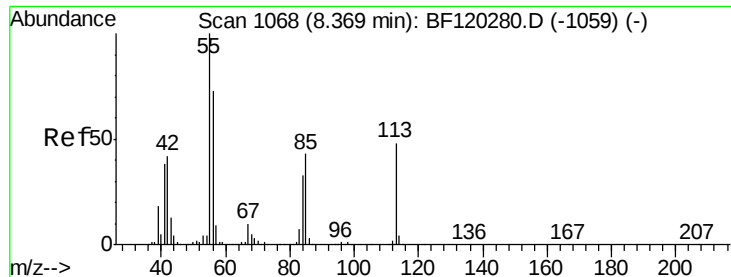


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

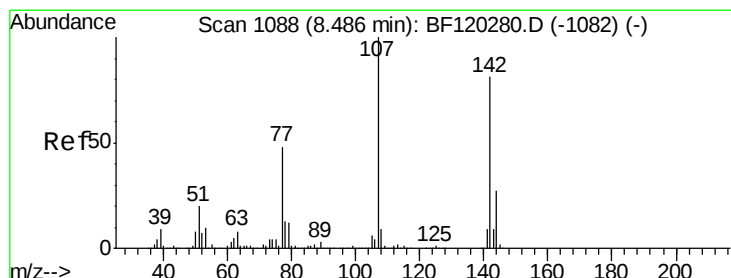
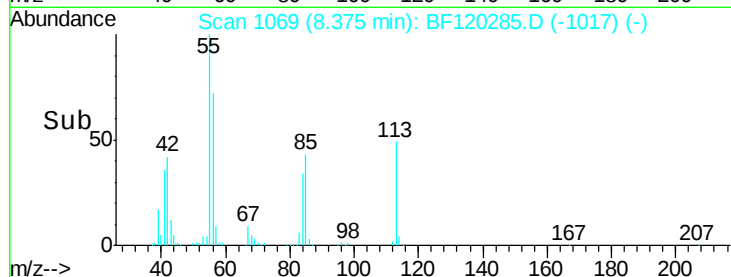
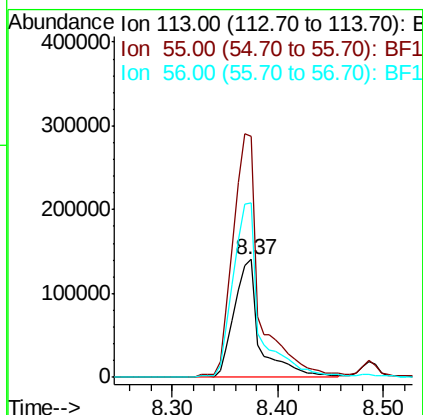
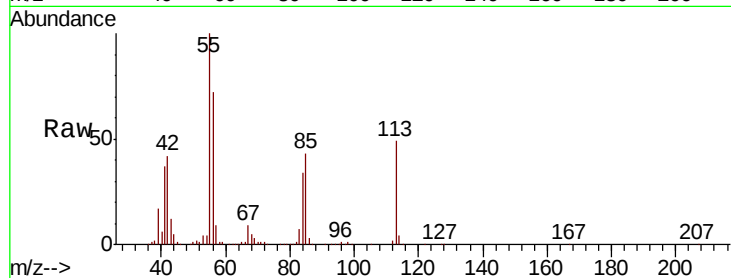




#35
 Caprolactam
 Concen: 40.227 ng
 RT: 8.37 min Scan# 1069
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

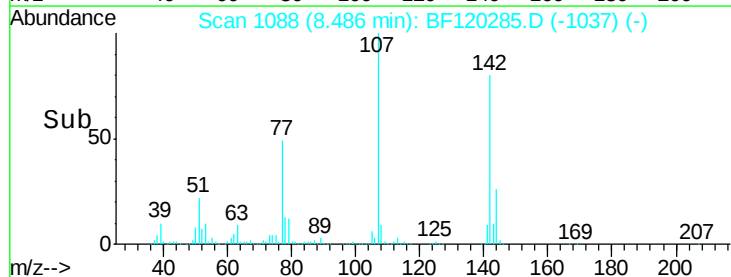
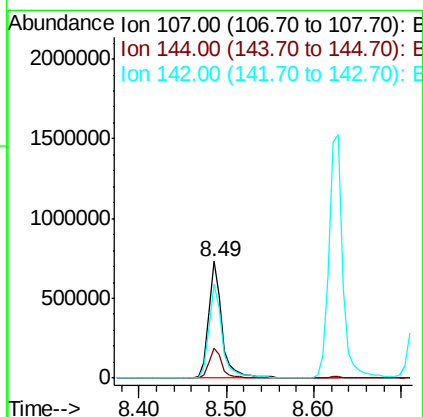
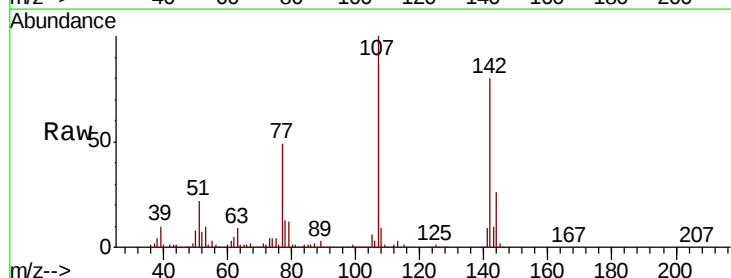
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051420

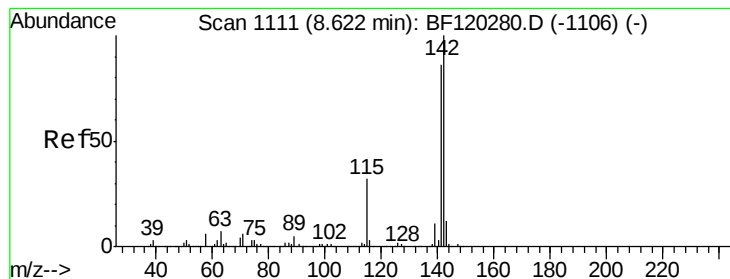
Tot Ion:113 Resp: 237649
 Ion Ratio Lower Upper
 113 100
 55 204.0 190.4 230.4
 56 147.5 132.7 172.7



#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





#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

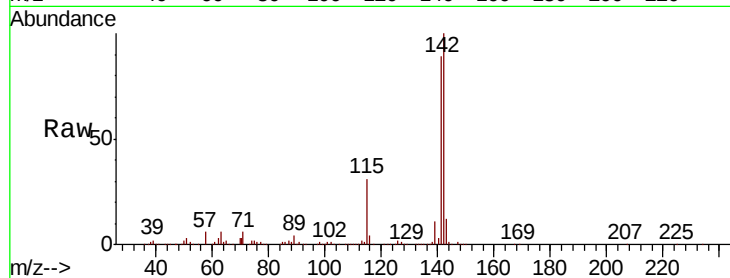
Tot Ion:142 Resp: 1683025

Ion Ratio Lower Upper

142 100

141 88.5 68.8 103.2

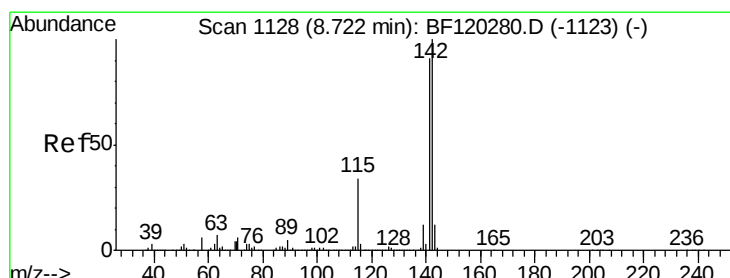
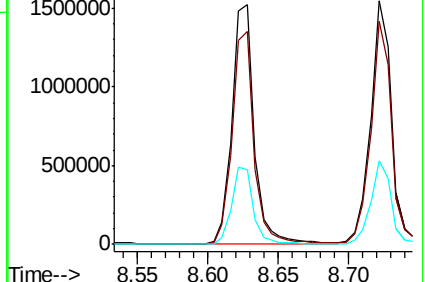
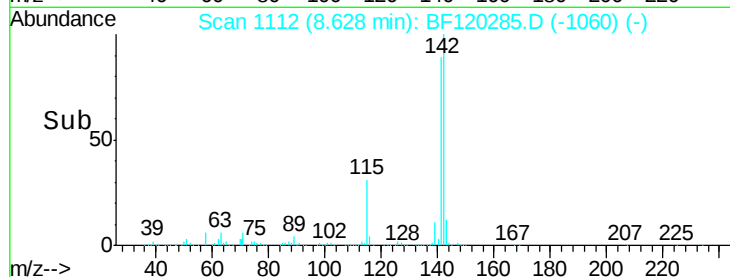
115 31.2 25.7 38.5



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

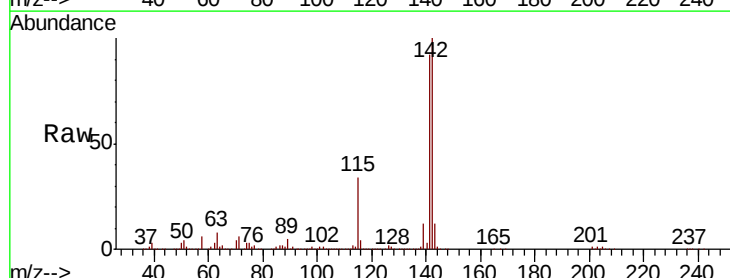
Tgt Ion:142 Resp: 1647680

Ion Ratio Lower Upper

142 100

141 91.8 73.0 109.6

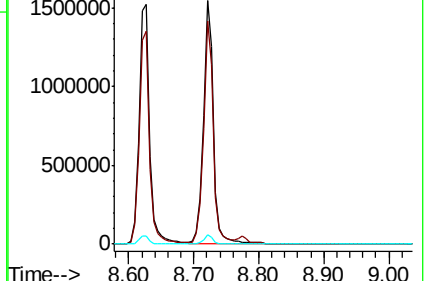
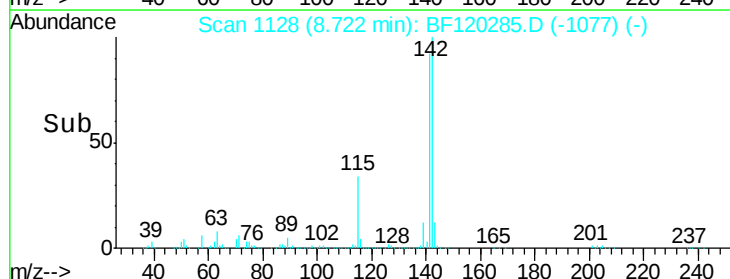
116 3.7 2.7 4.1

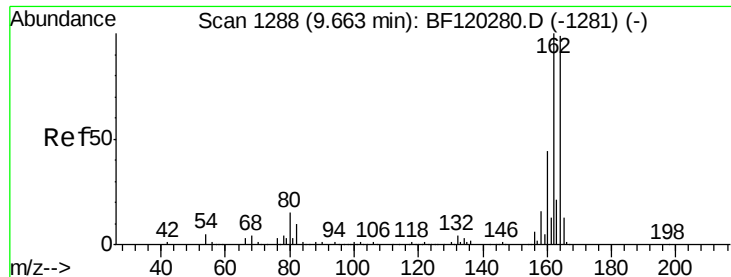


Abundance Ion 142.00 (141.70 to 142.70): E

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

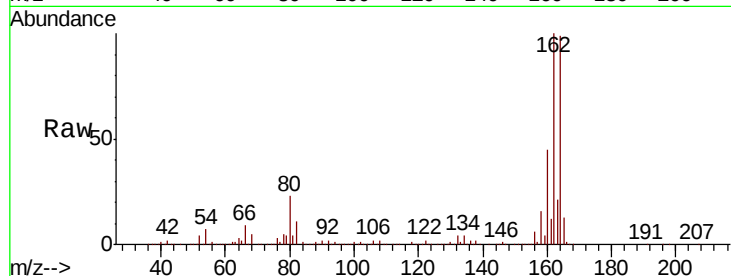
Tot Ion:164 Resp: 757798

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

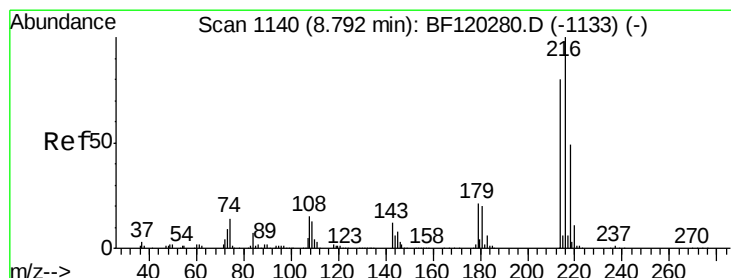
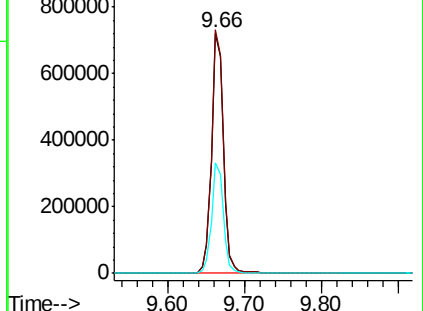
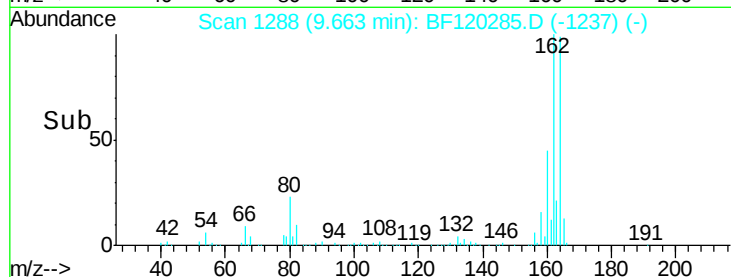
160 45.9 35.8 53.6



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

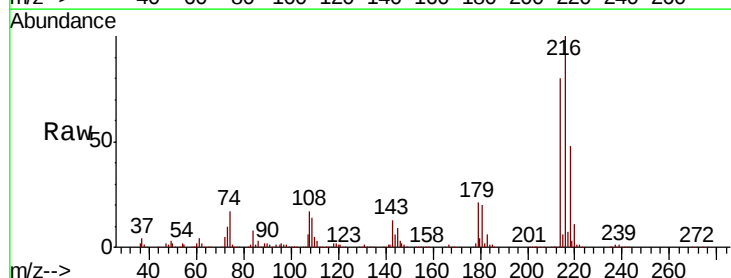
Ion Ratio Lower Upper

216 100

214 79.2 64.0 96.0

179 20.7 16.9 25.3

108 17.7 14.2 21.2

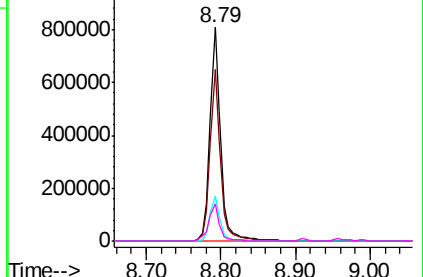
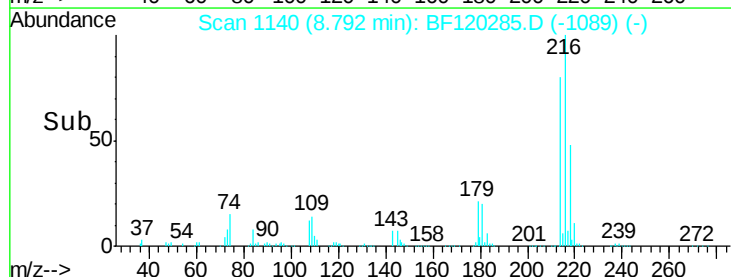


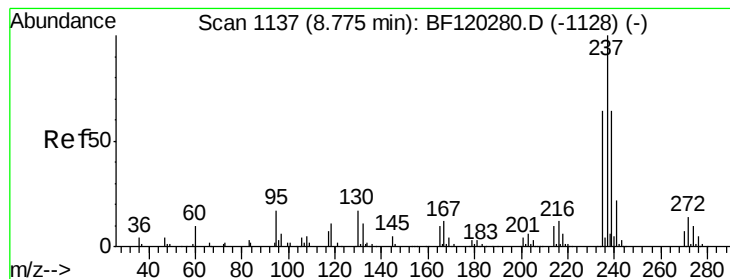
Abundance Ion 216.00 (215.70 to 216.70): E

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

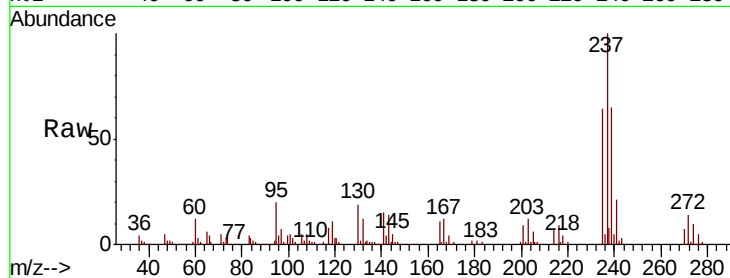
Tot Ion:237 Resp: 297462

Ion Ratio Lower Upper

237 100

235 64.1 43.8 83.8

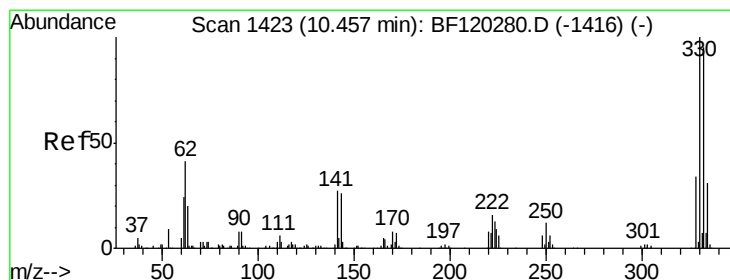
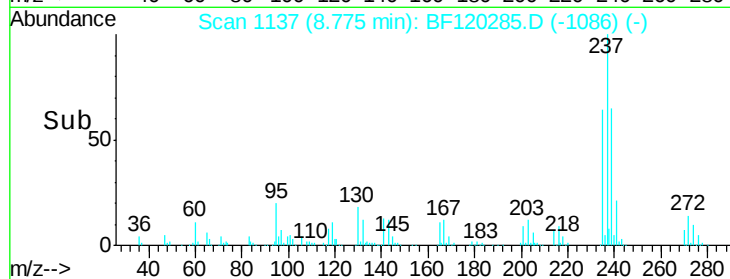
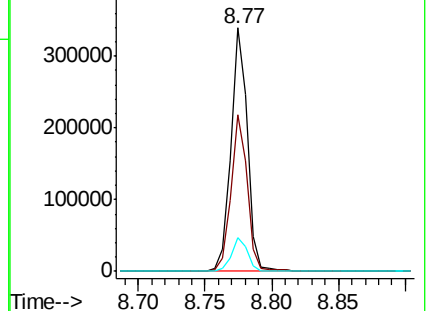
272 13.8 0.0 33.9



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

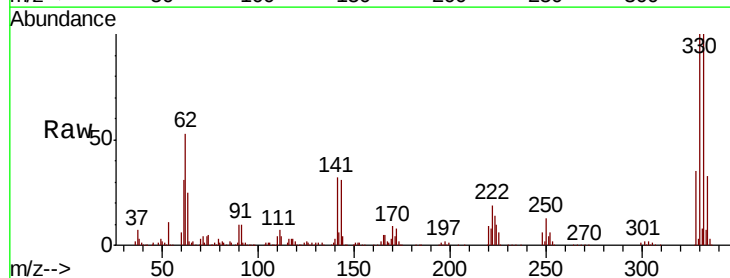
Tgt Ion:330 Resp: 441490

Ion Ratio Lower Upper

330 100

332 99.2 76.5 114.7

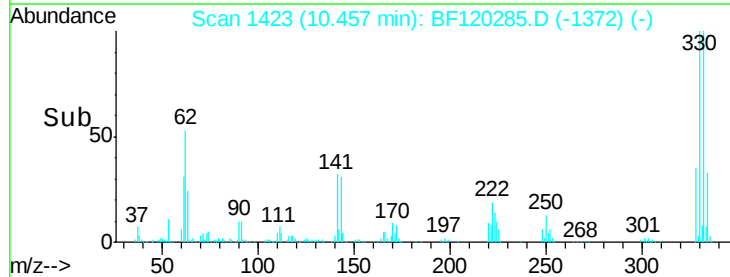
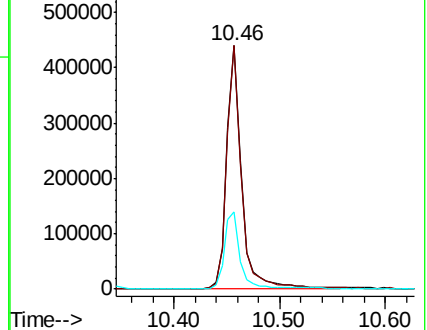
141 33.0 25.4 38.0

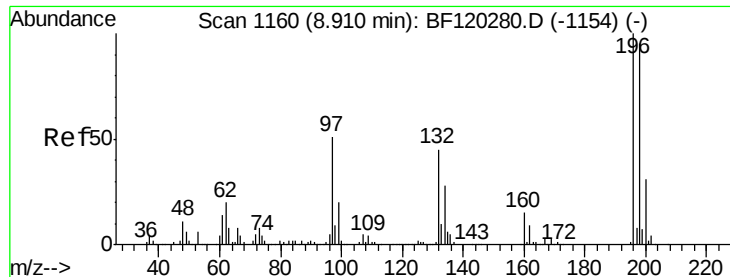


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

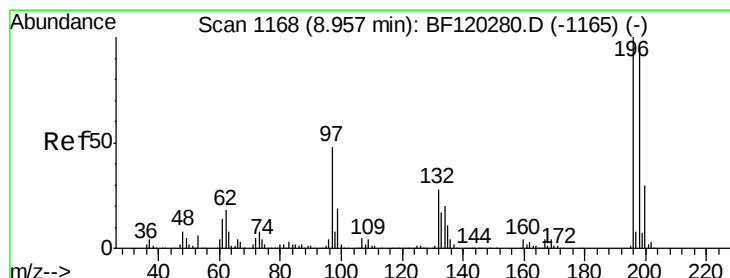
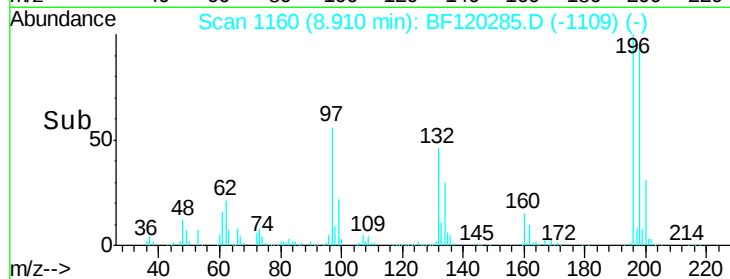
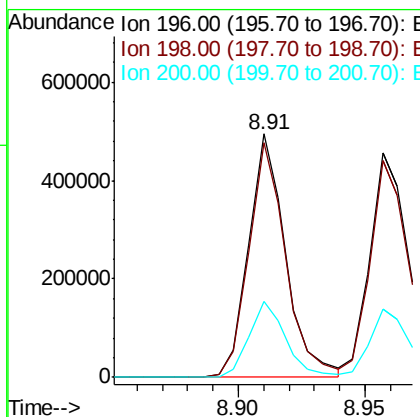
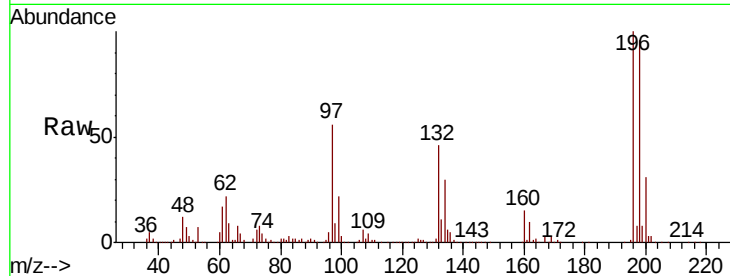




#43
 2,4,6-Trichlorophenol
 Concen: 39.203 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

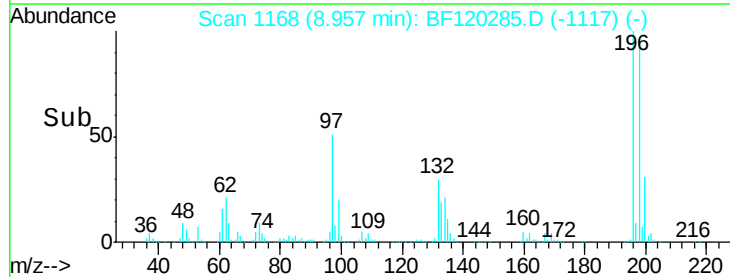
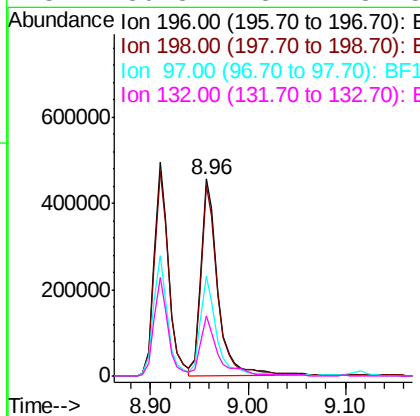
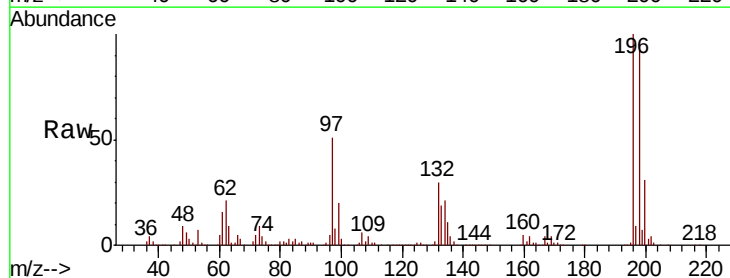
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051420

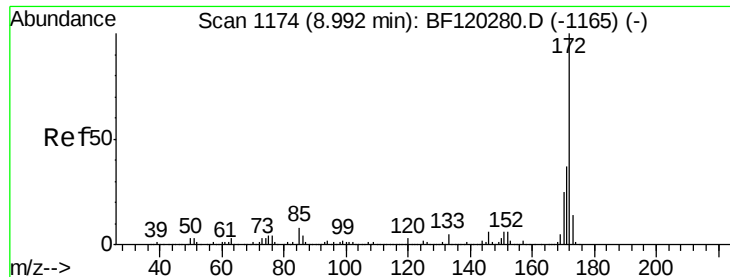
Tot Ion:196 Resp: 502834
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.2 114.4
 200 31.2 24.9 37.3



#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:196 Resp: 548238
 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

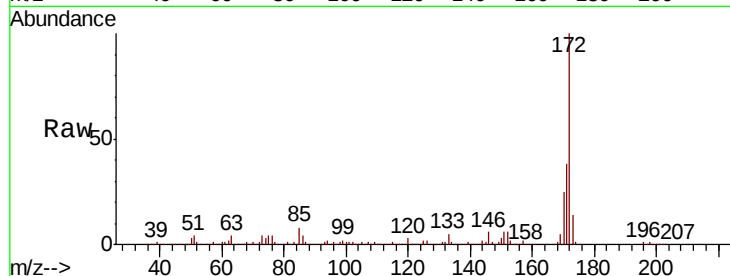




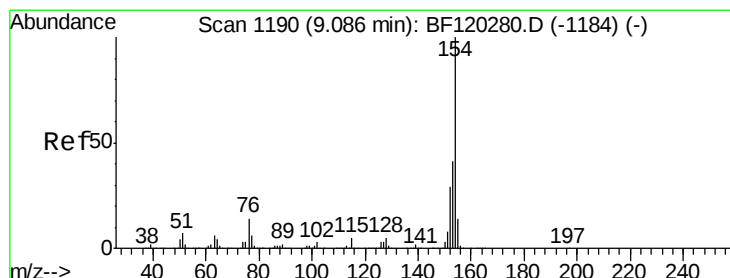
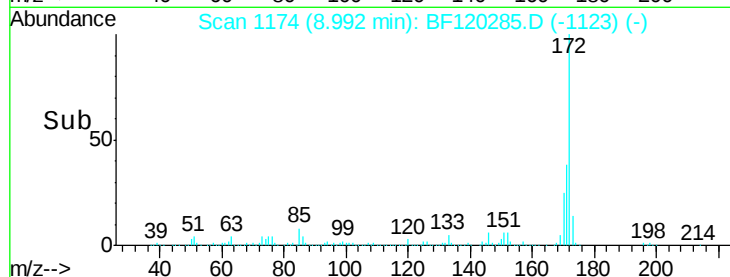
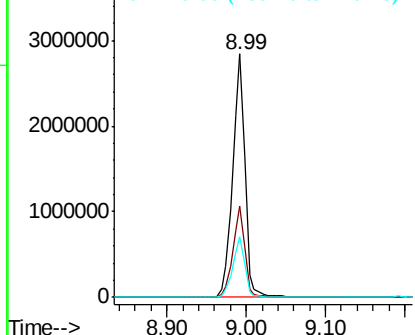
#45
2-Fluorobiphenyl
Concen: 83.452 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

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

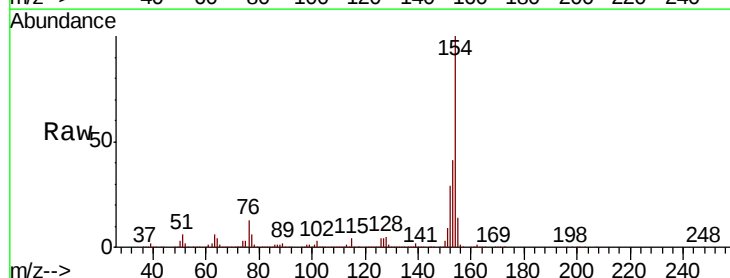


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

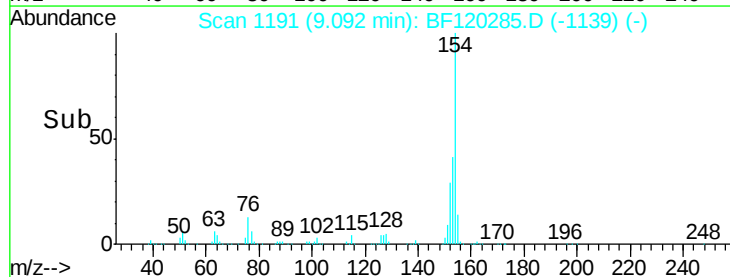
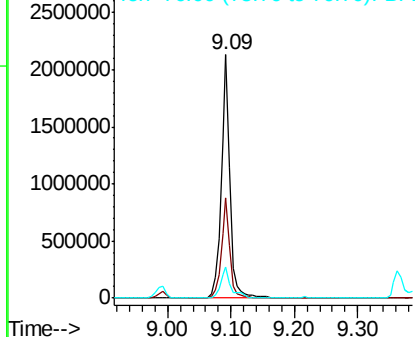


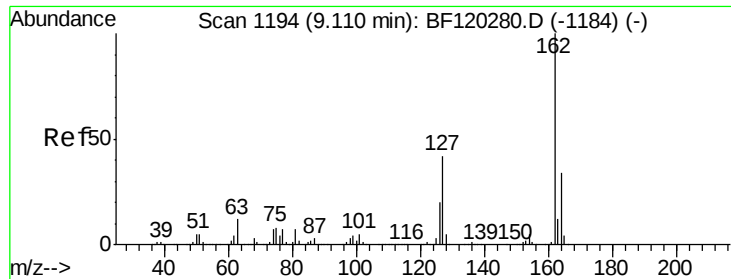
#46
1,1'-Biphenyl
Concen: 43.039 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

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

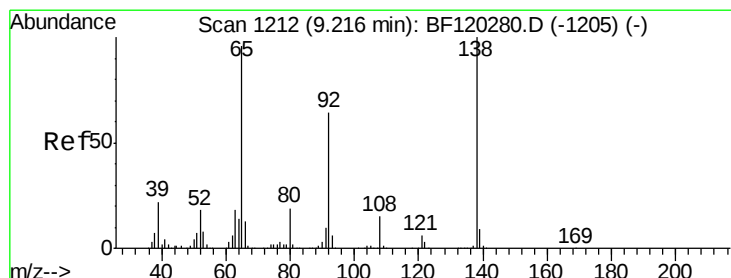
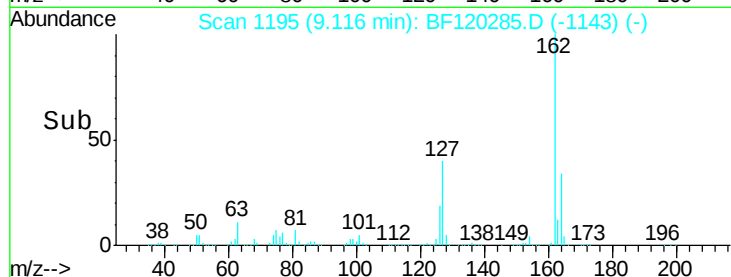
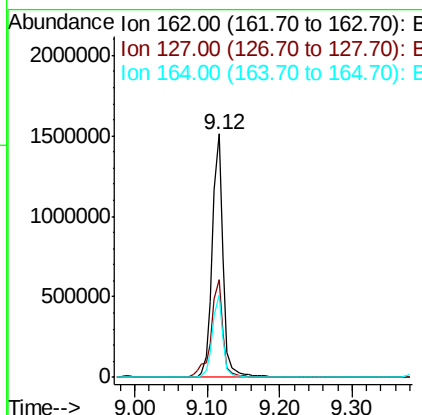
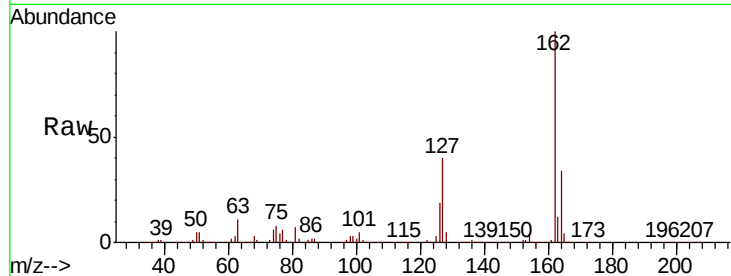




#47
 2-Chloronaphthalene
 Concen: 39.520 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

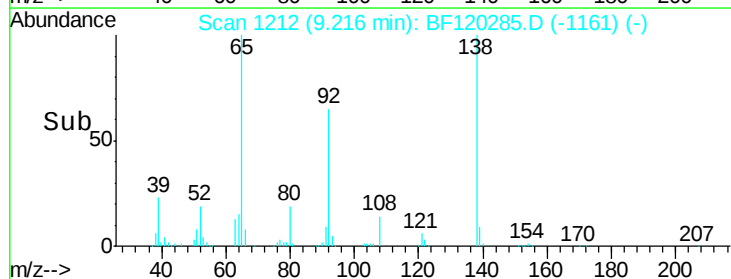
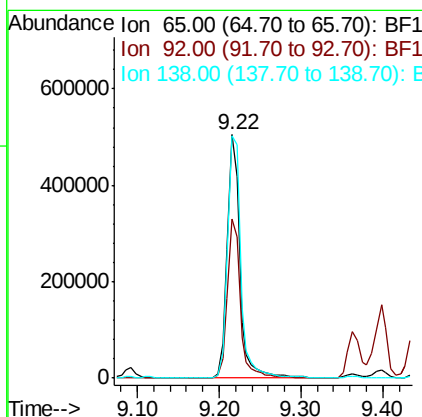
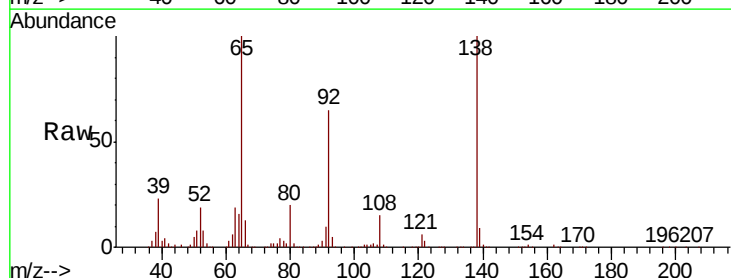
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051420

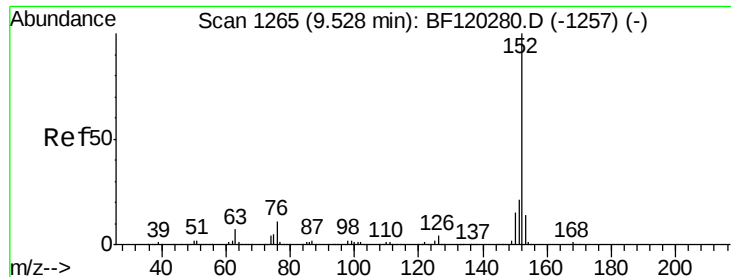
Tot Ion:162 Resp: 1574019
 Ion Ratio Lower Upper
 162 100
 127 40.3 33.4 50.0
 164 33.7 27.0 40.6



#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





#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

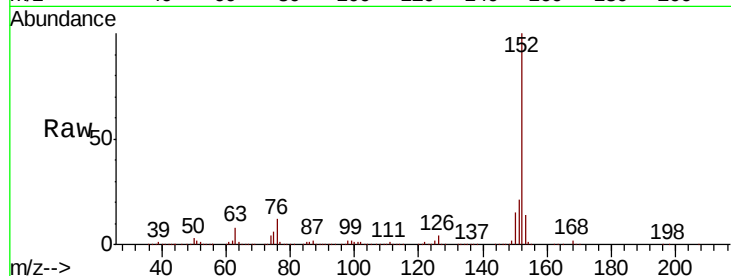
Tot Ion:152 Resp: 2411184

Ion Ratio Lower Upper

152 100

151 21.0 16.6 25.0

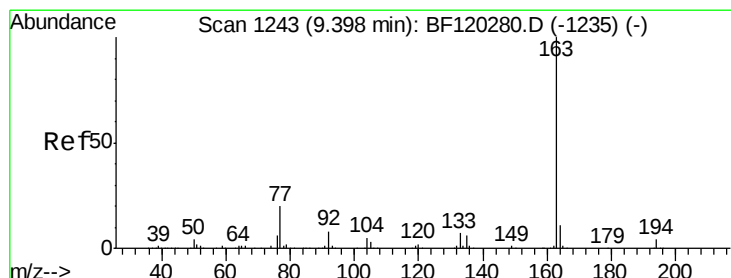
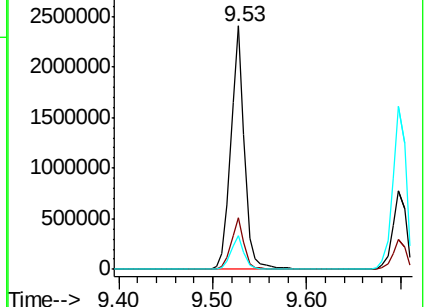
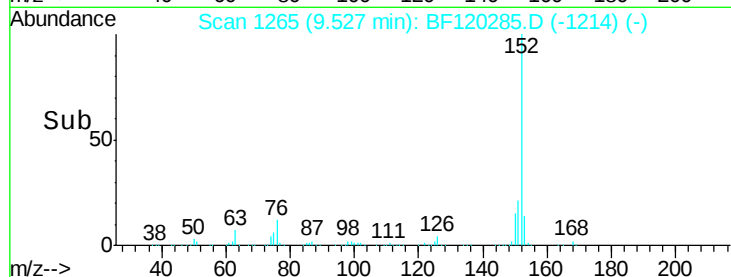
153 14.1 11.1 16.7



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

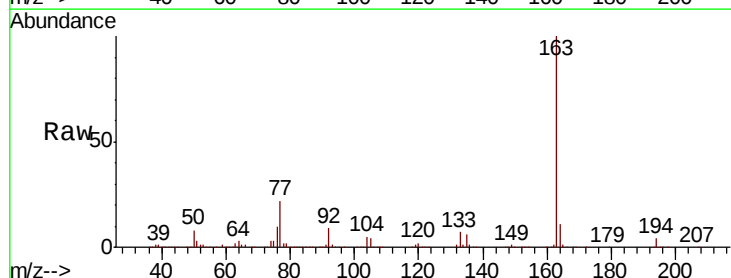
Tgt Ion:163 Resp: 1819940

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

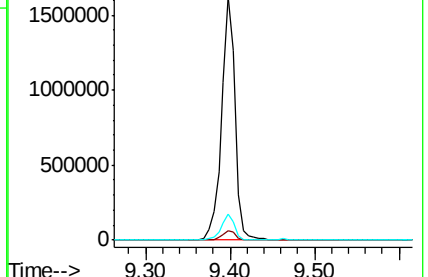
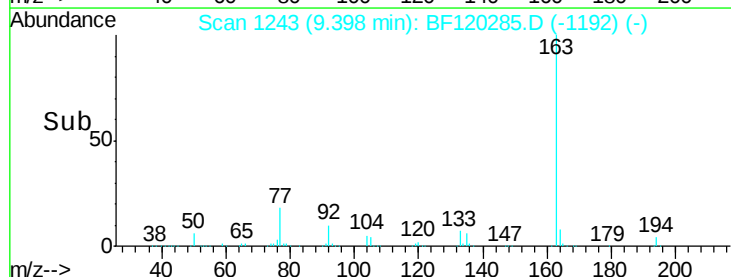
164 10.9 8.6 12.8

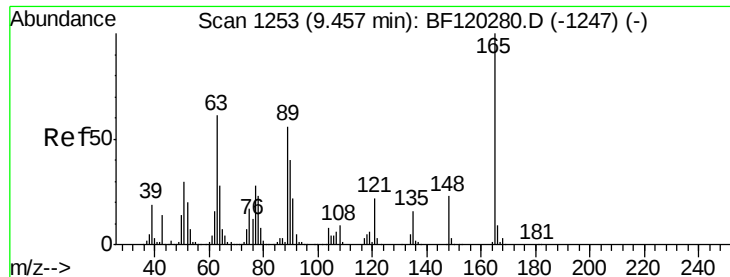


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

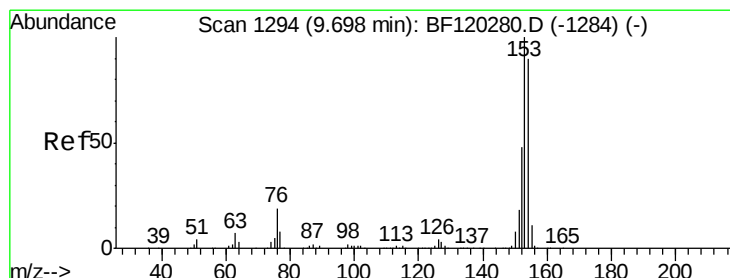
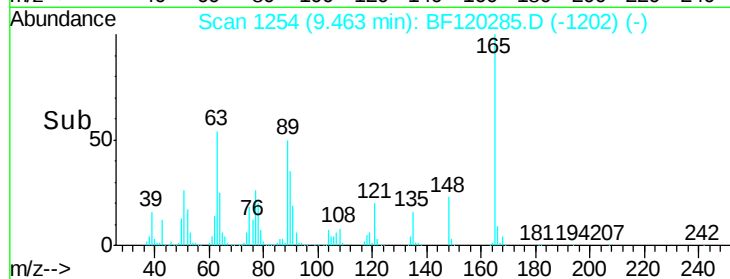
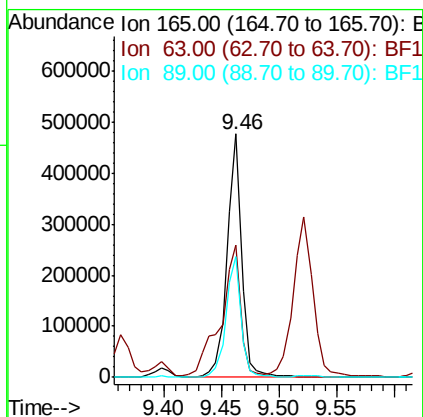
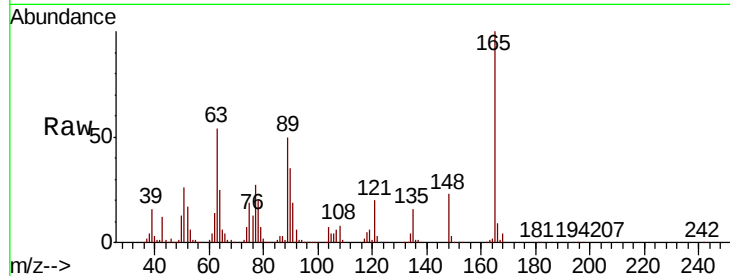




#51
 2,6-Dinitrotoluene
 Concen: 39.217 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

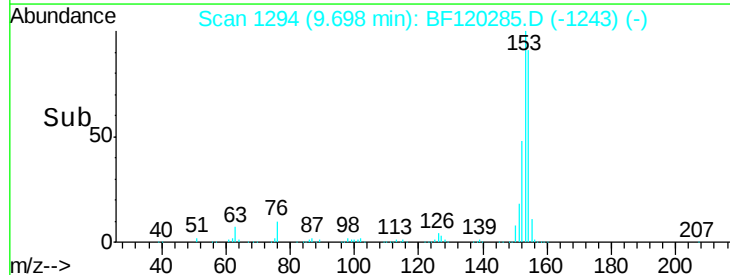
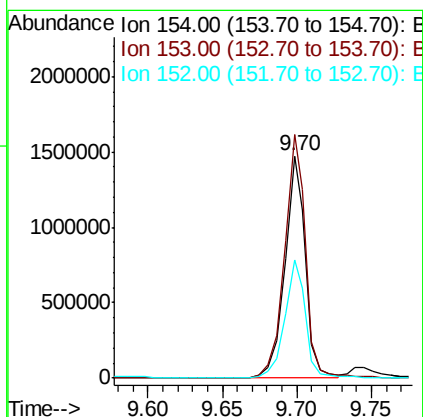
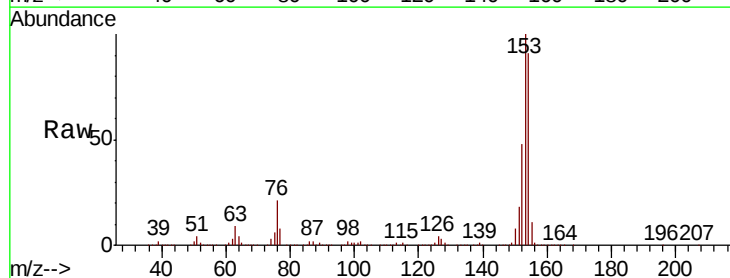
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051420

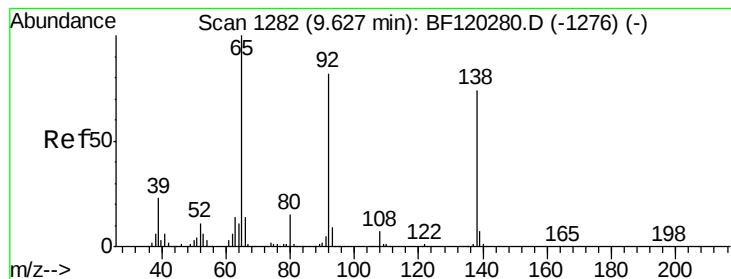
Tot Ion:165 Resp: 419299
 Ion Ratio Lower Upper
 165 100
 63 54.1 50.2 75.2
 89 49.7 44.6 66.8



#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

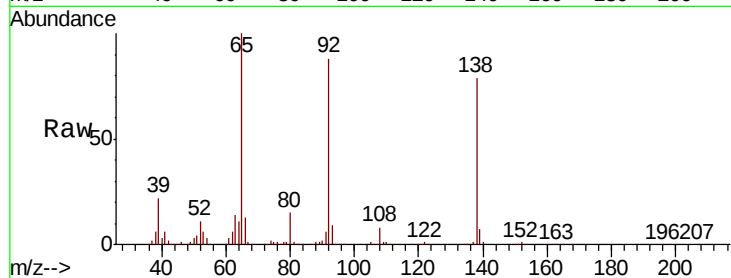
Tot Ion:138 Resp: 459486

Ion Ratio Lower Upper

138 100

108 9.7 8.2 12.2

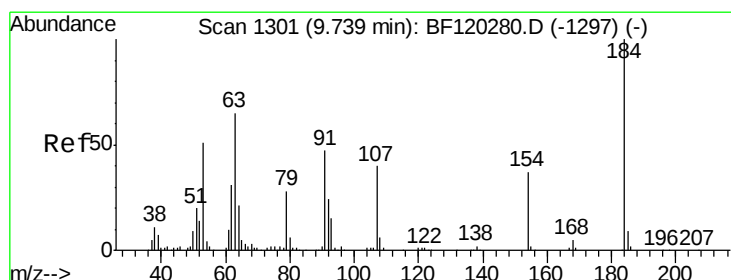
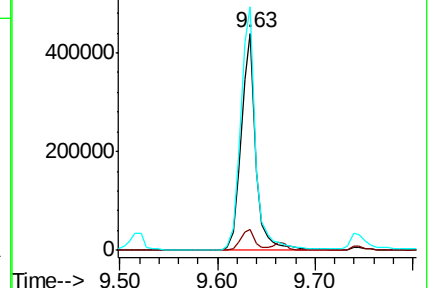
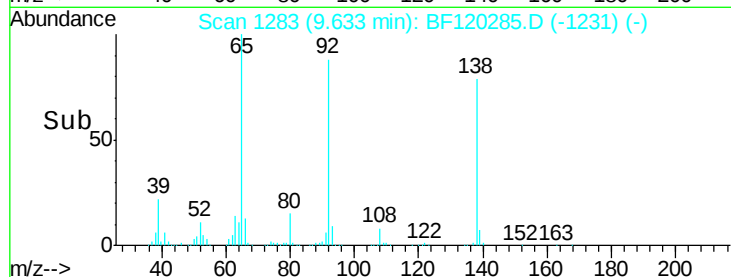
92 112.0 89.6 134.4



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

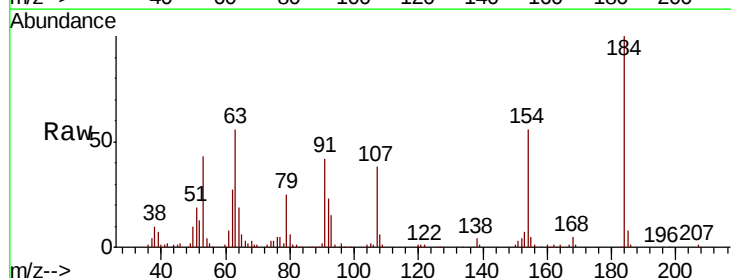
Tgt Ion:184 Resp: 171188

Ion Ratio Lower Upper

184 100

63 56.2 53.6 80.4

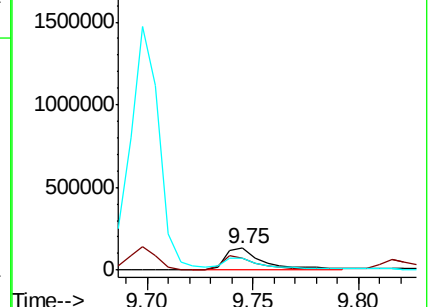
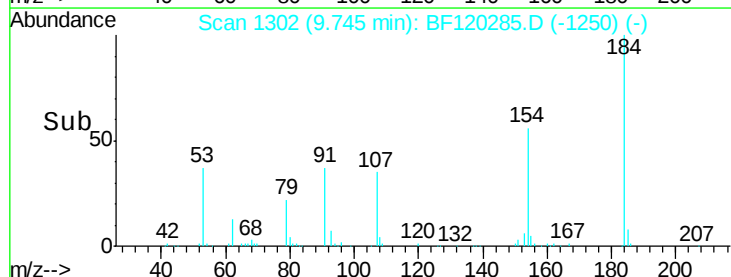
154 56.3 46.8 70.2

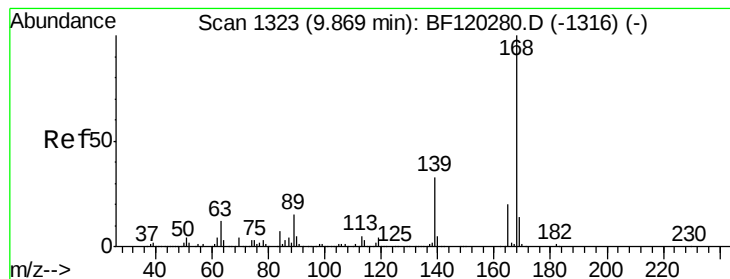


Abundance Ion 184.00 (183.70 to 184.70): E

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

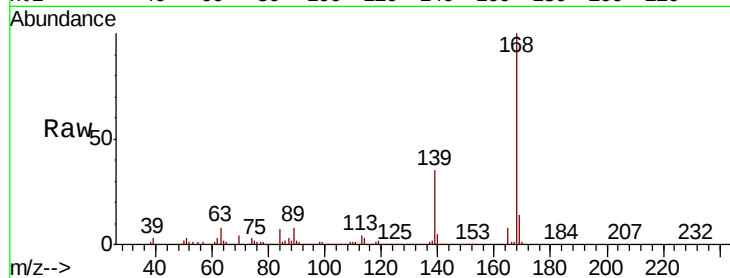
Tot Ion:168 Resp: 2058461

Ion Ratio Lower Upper

168 100

139 35.4 29.8 44.6

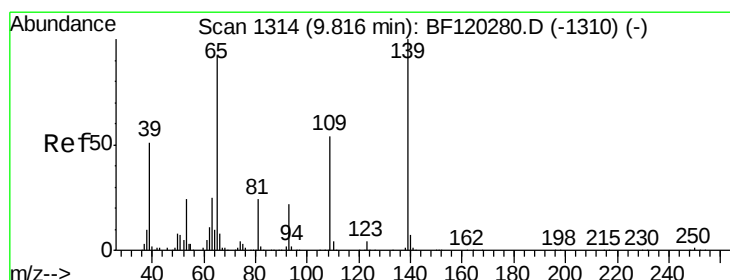
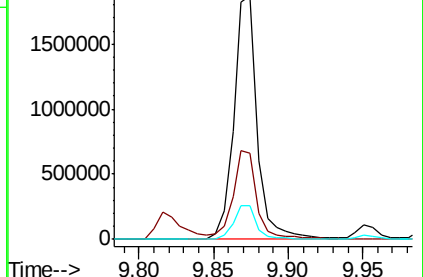
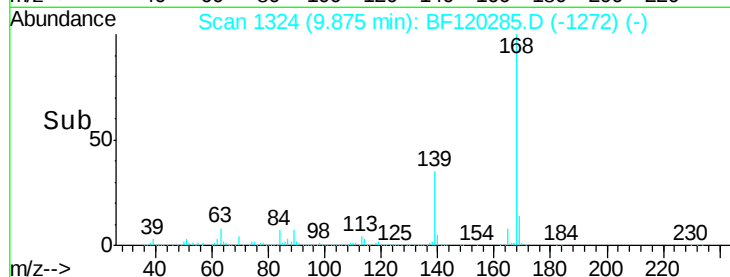
169 13.9 11.0 16.6



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

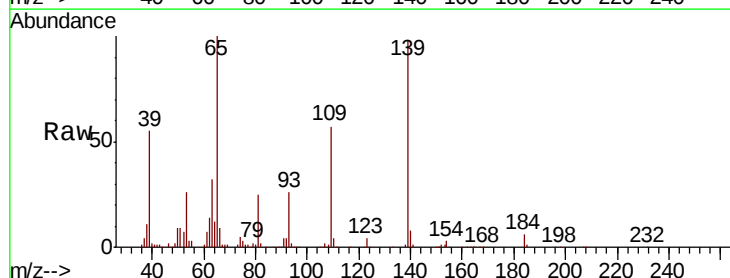
Tgt Ion:139 Resp: 256571

Ion Ratio Lower Upper

139 100

109 58.0 34.6 74.6

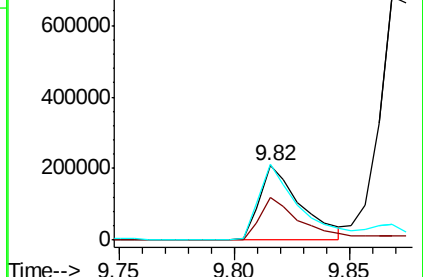
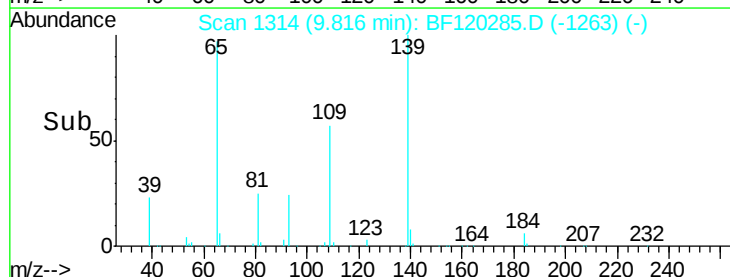
65 101.6 73.3 113.3

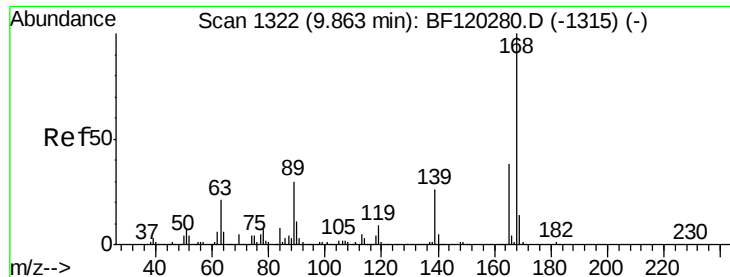


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

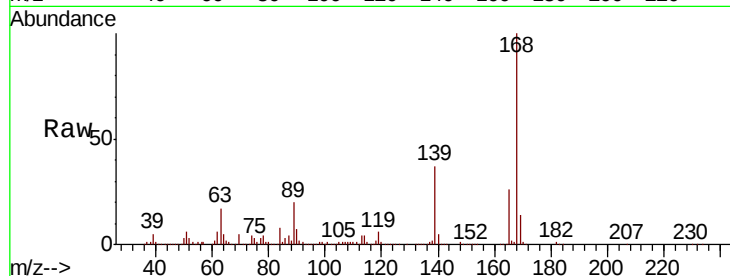




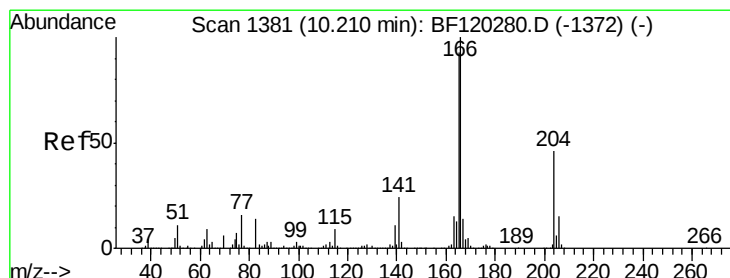
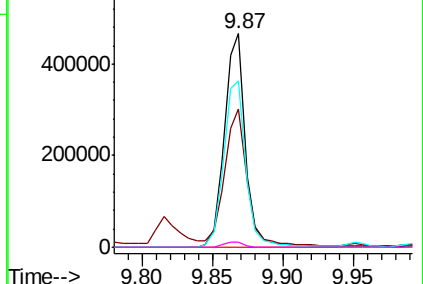
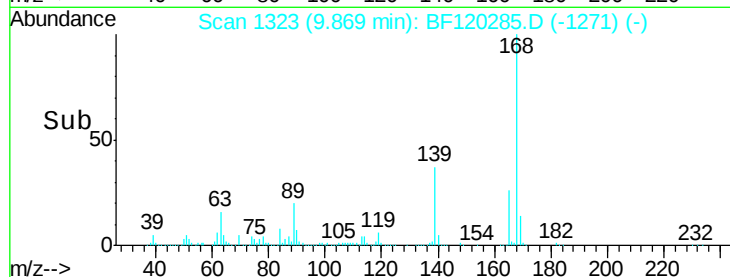
#57
 2,4-Dinitrotoluene
 Concen: 38.744 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

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

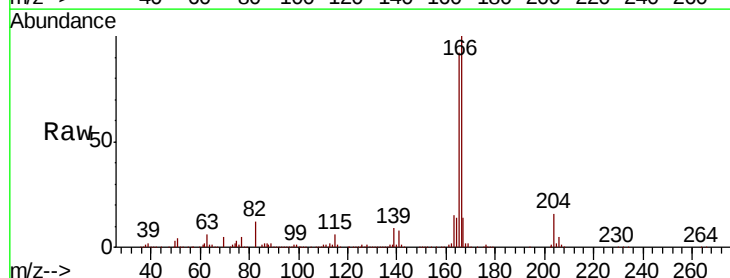


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

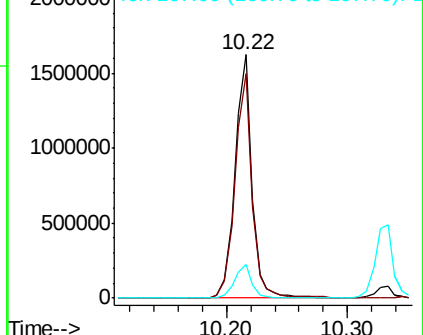
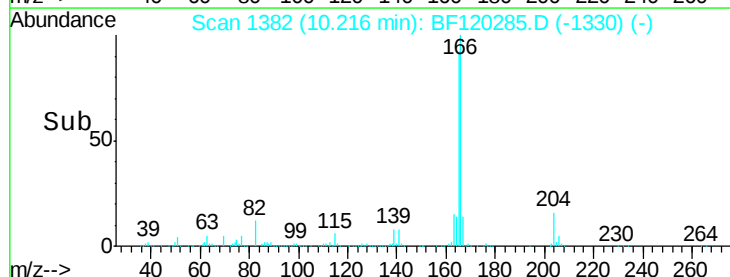


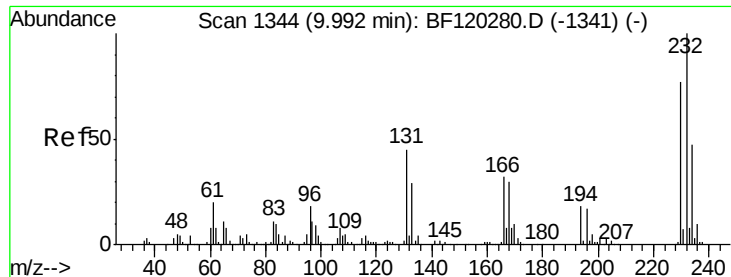
#58
 Fluorene
 Concen: 39.757 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

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



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

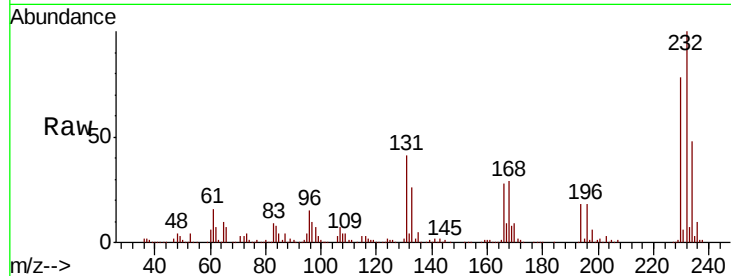




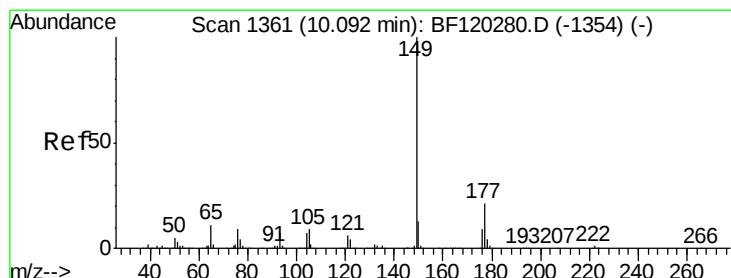
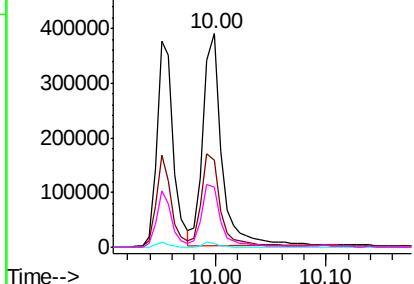
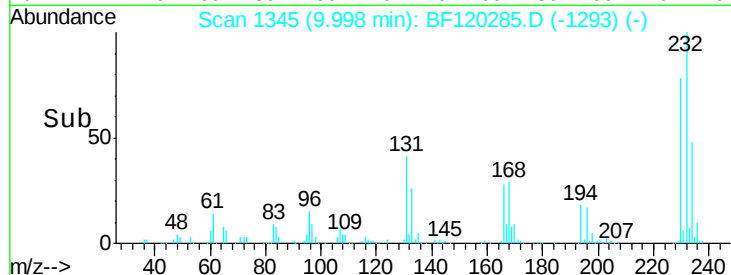
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.461 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

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

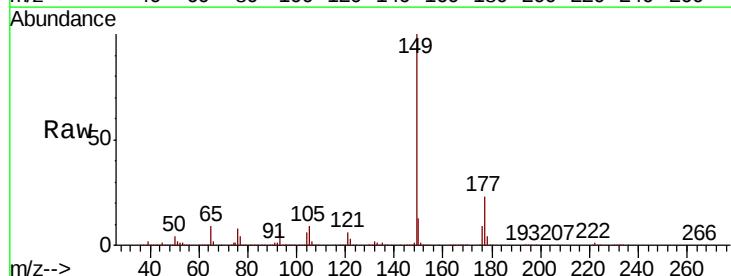


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

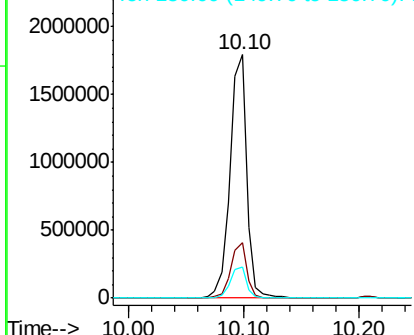
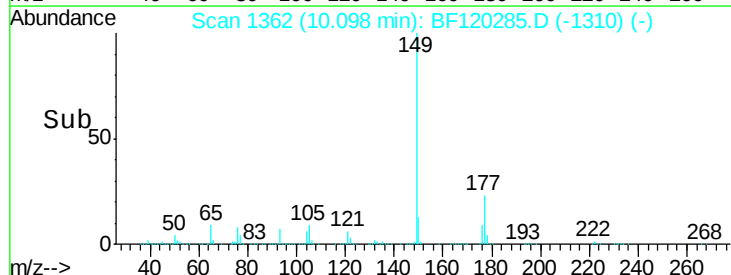


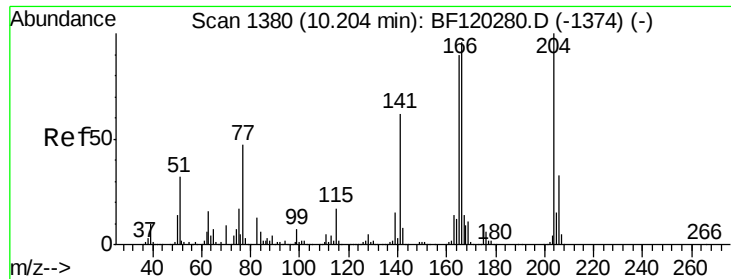
#60
Diethylphthalate
Concen: 38.955 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

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

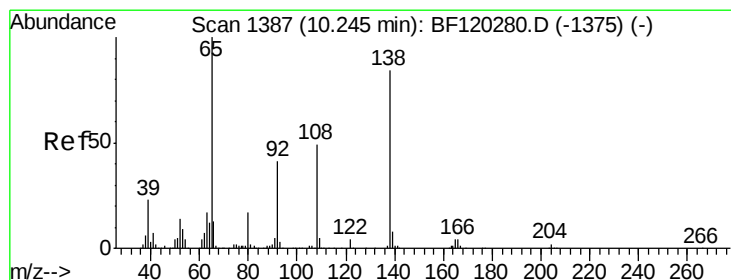
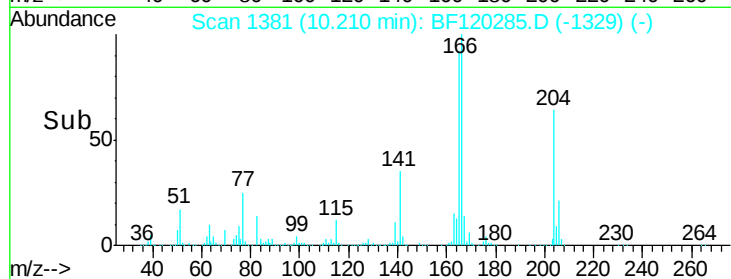
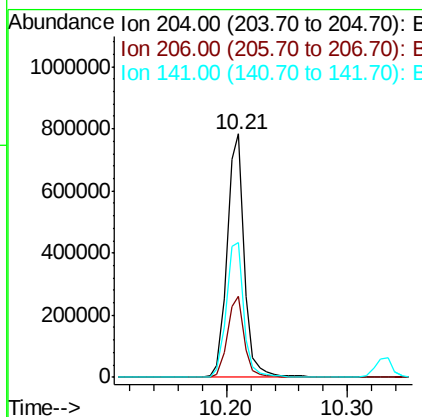
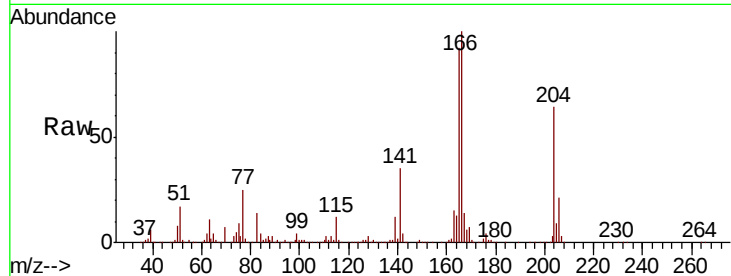




#61
 4-Chlorophenyl-phenylether
 Concen: 37.190 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: BF120285.D
 Acq: 14 May 2020 12:50

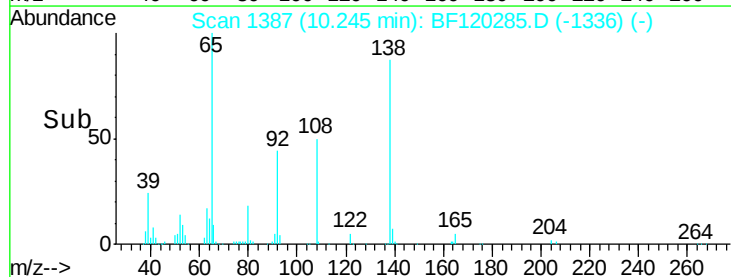
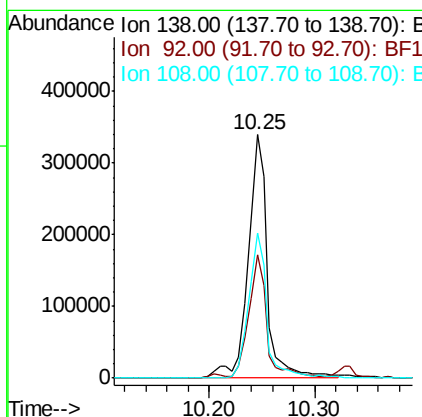
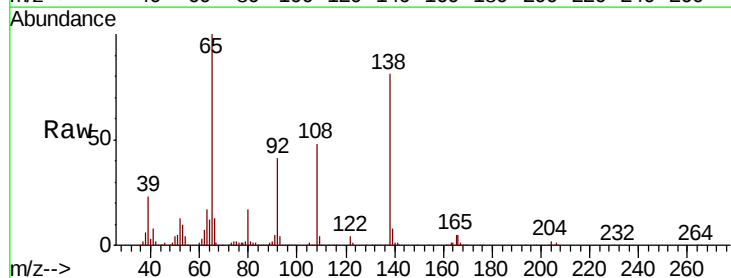
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051420

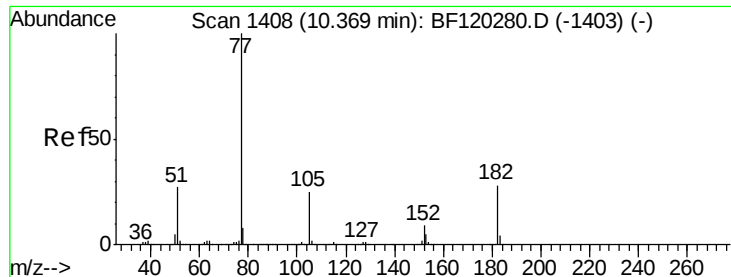
Tot Ion:204	Resp: 773335
Ion Ratio	Lower Upper
204 100	
206 33.2	26.8 40.2
141 55.3	49.5 74.3



#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	138	Resp:	430388
Ion	Ratio	Lower	Upper
138	100		
92	50.4	28.9	68.9
108	59.4	38.4	78.4

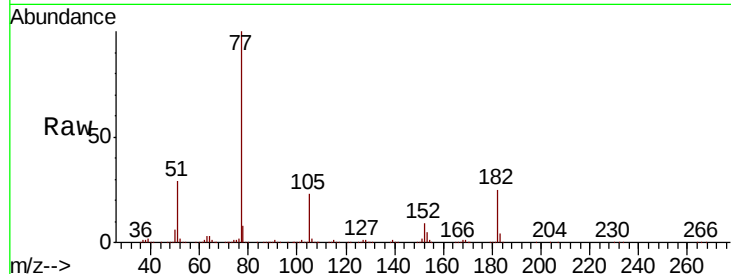




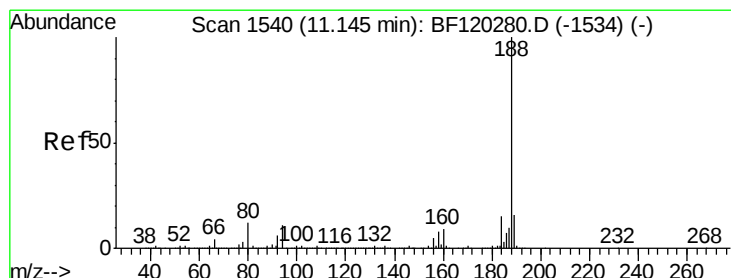
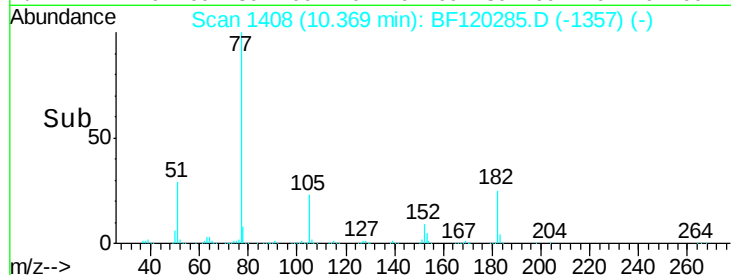
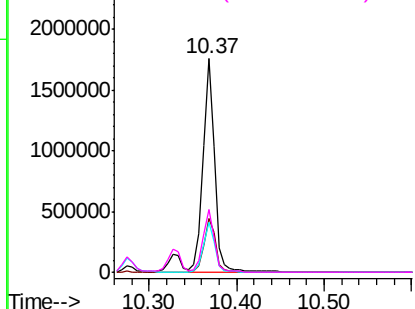
#63
Azobenzene
Concen: 37.113 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

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

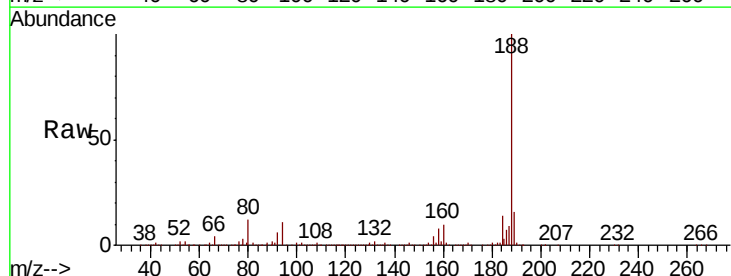


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

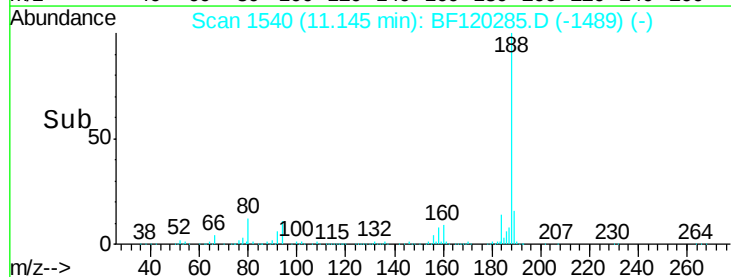
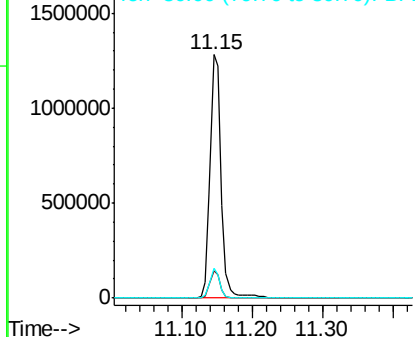


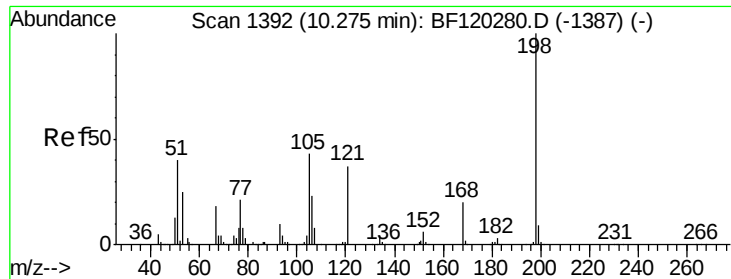
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

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

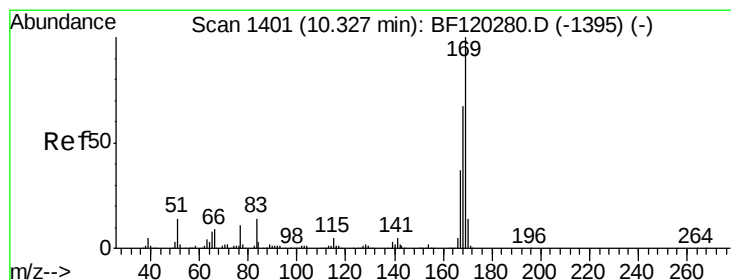
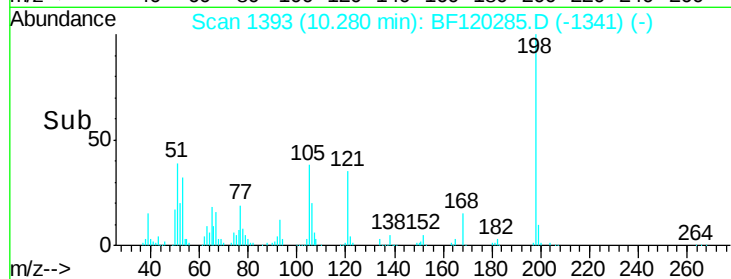
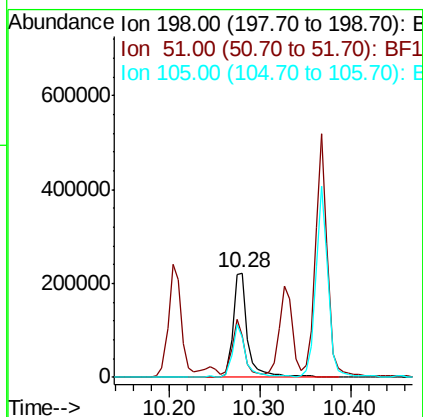
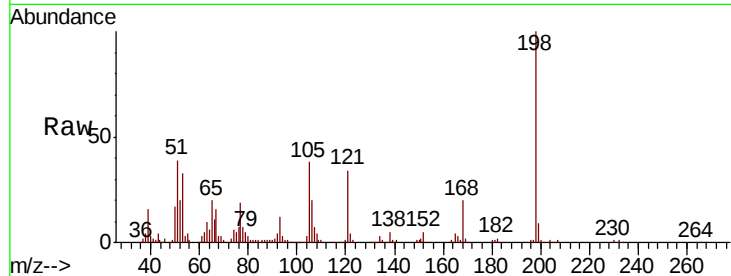




#65
4,6-Dinitro-2-methylphenol
Concen: 35.890 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

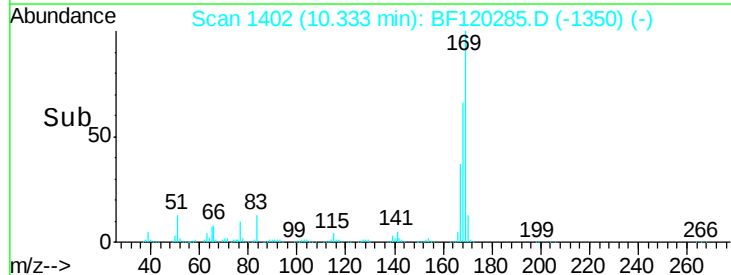
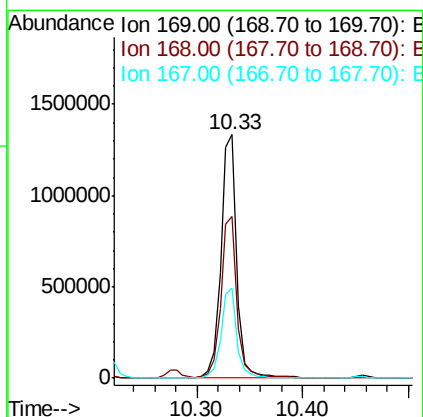
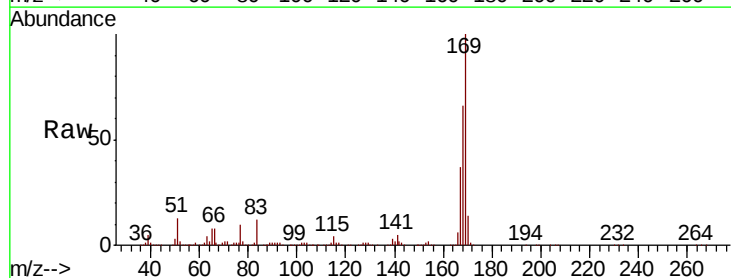
Instrument :
BNA_F
ClientSampleId :
ICVBF051420

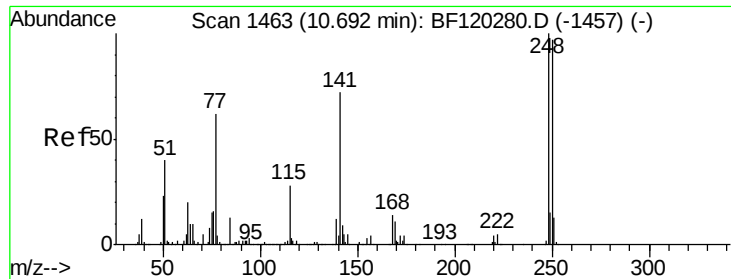
Tot Ion:198 Resp: 253578
Ion Ratio Lower Upper
198 100
51 39.2 27.1 67.1
105 38.2 24.3 64.3



#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:169 Resp: 1403444
Ion Ratio Lower Upper
169 100
168 66.2 53.7 80.5
167 36.8 29.8 44.6

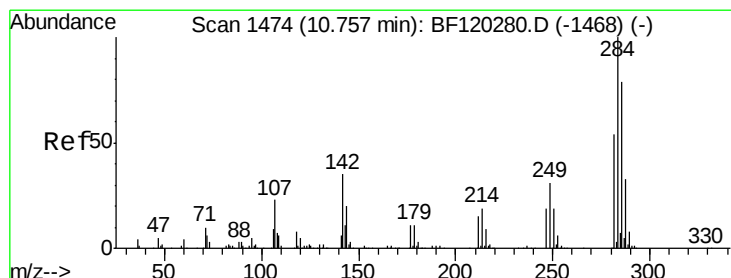
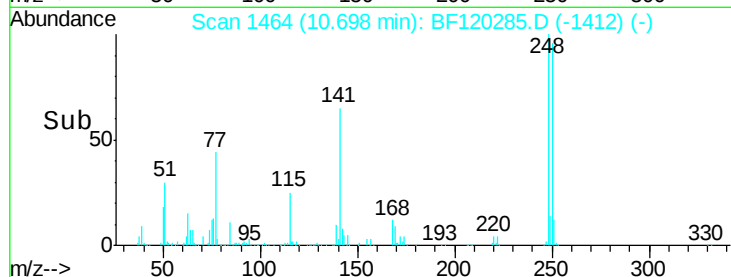
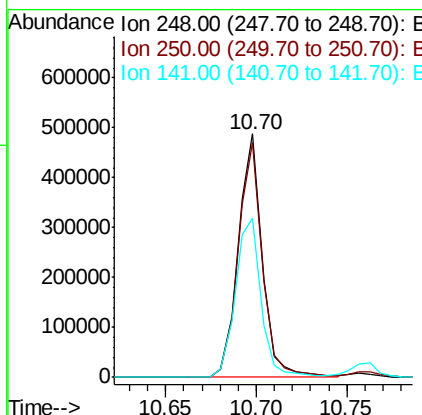
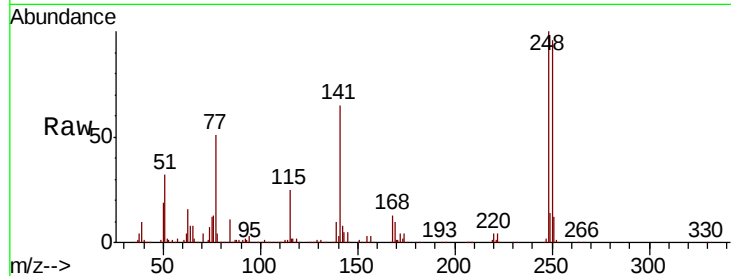




#67
4-Bromophenyl-phenylether
Concen: 33.196 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

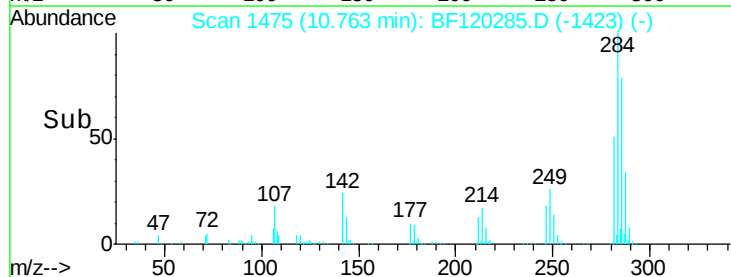
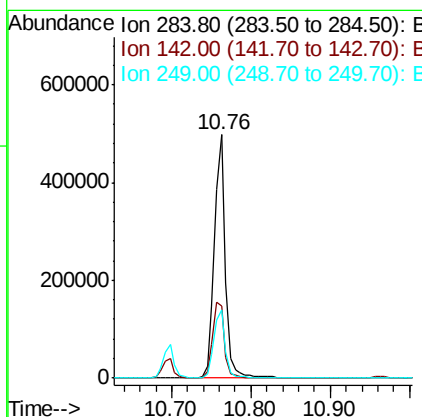
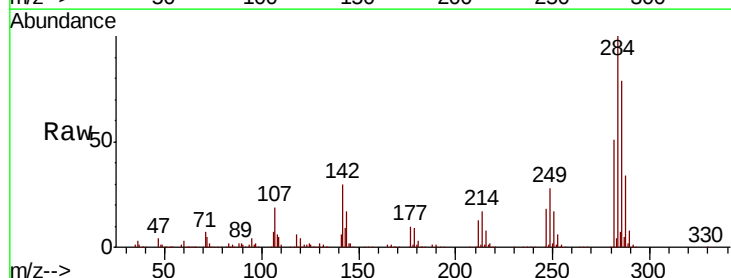
Instrument :
BNA_F
ClientSampleId :
ICVBF051420

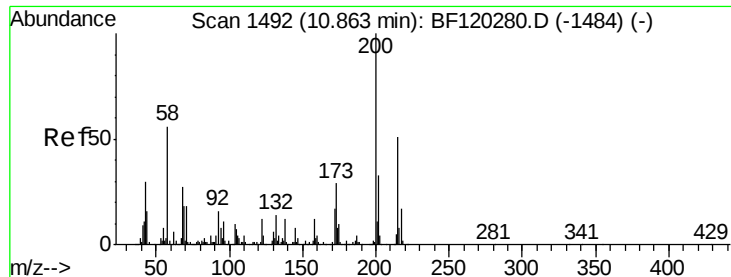
Tot Ion:248 Resp: 450030
Ion Ratio Lower Upper
248 100
250 96.4 77.8 116.6
141 65.4 57.7 86.5



#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

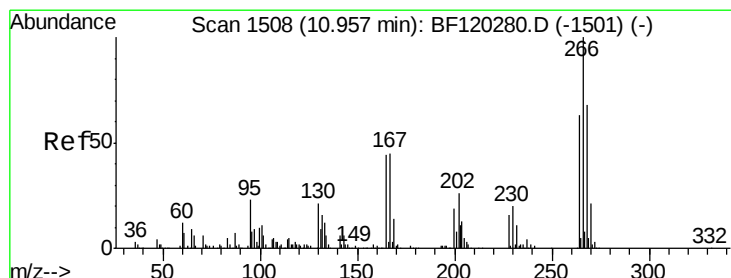
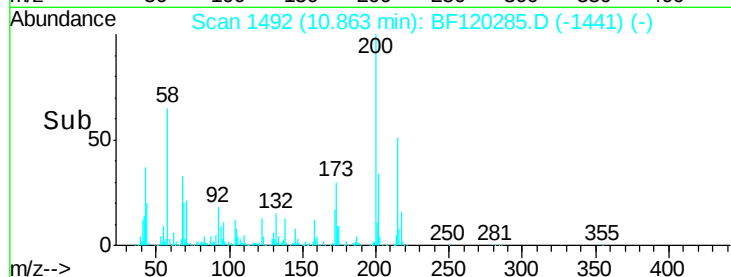
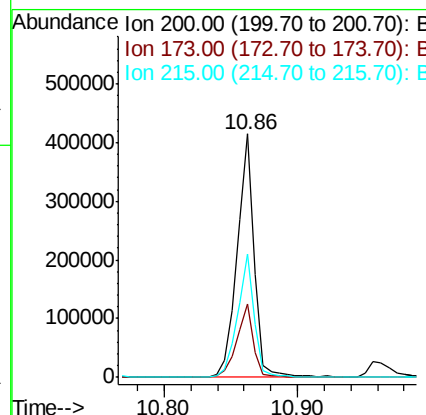
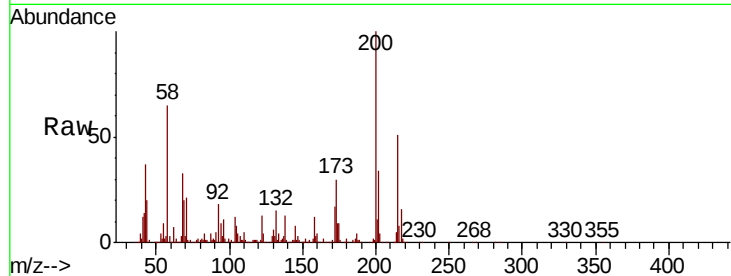




#69
Atrazine
Concen: 32.436 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

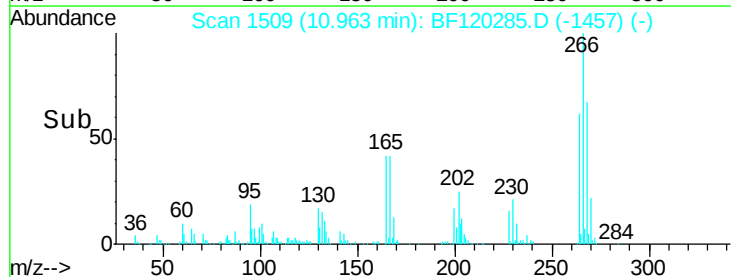
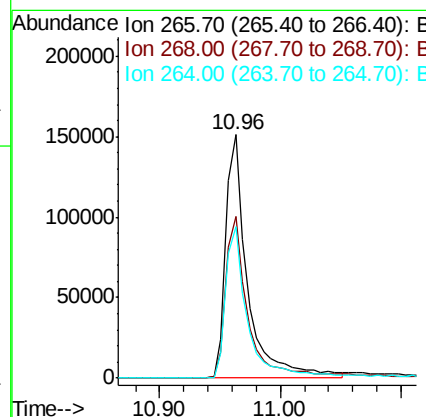
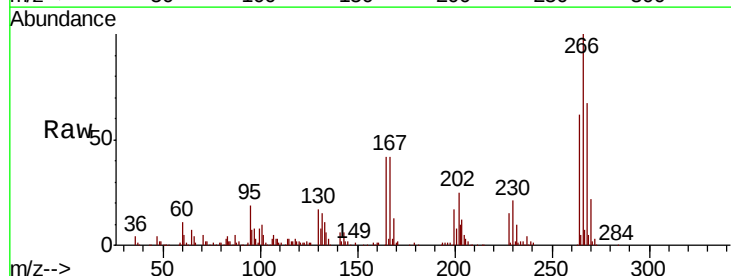
Instrument :
BNA_F
ClientSampled :
ICVBF051420

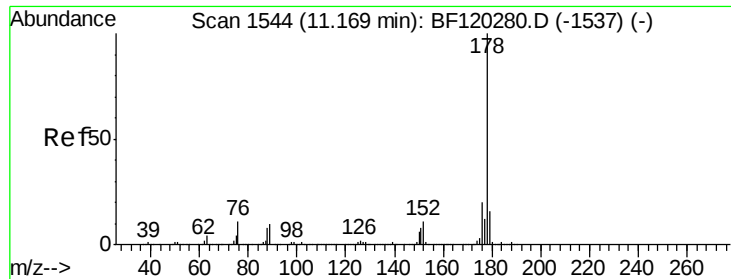
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.0	8.7	48.7
215	50.6	30.6	70.6



#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	Ratio	Lower	Upper
266	100		
268	66.5	54.2	81.4
264	62.4	50.2	75.4

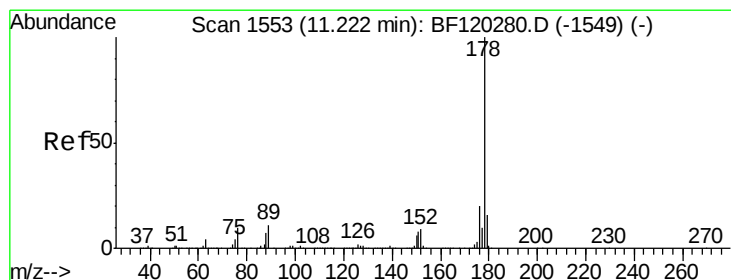
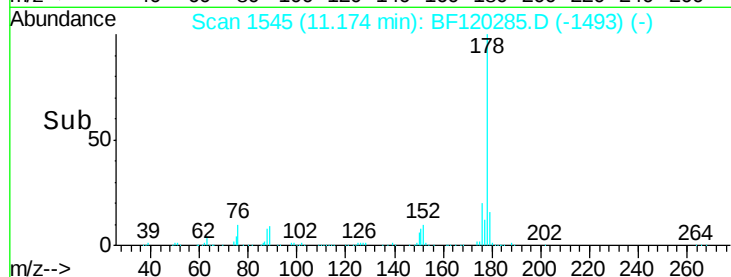
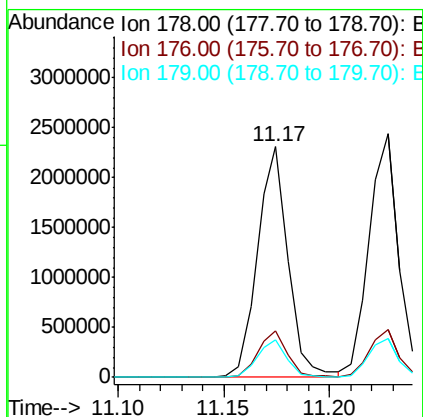
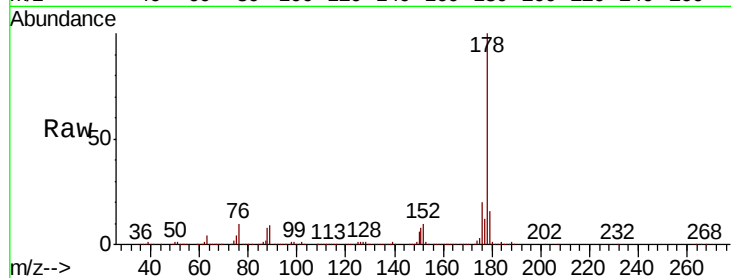




#71
Phenanthrene
Concen: 39.688 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

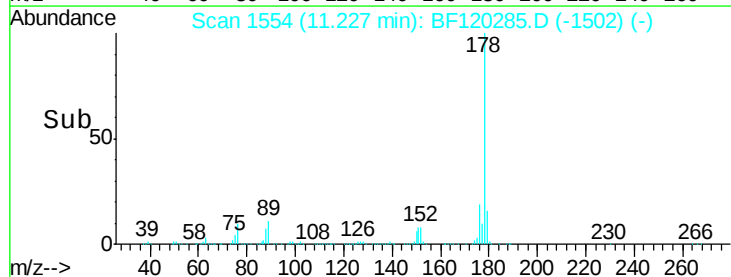
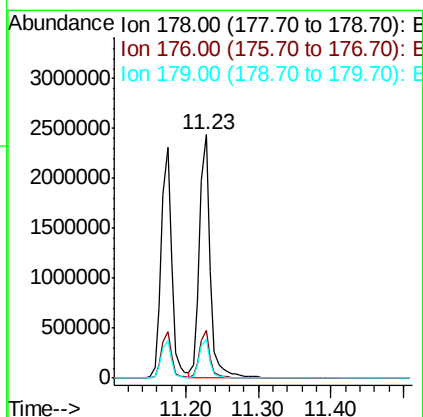
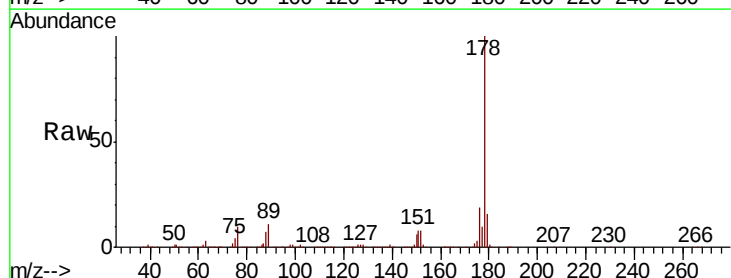
Instrument :
BNA_F
ClientSampleId :
ICVBF051420

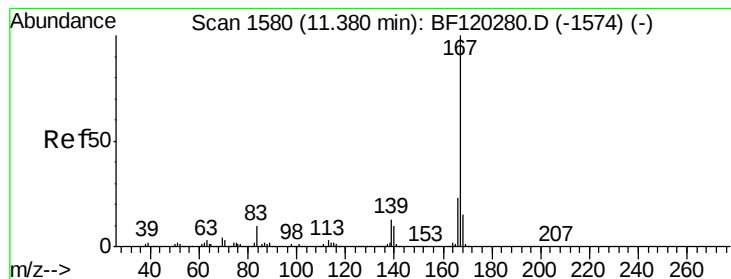
Tot Ion:178 Resp: 2329885
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 16.3 12.8 19.2



#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

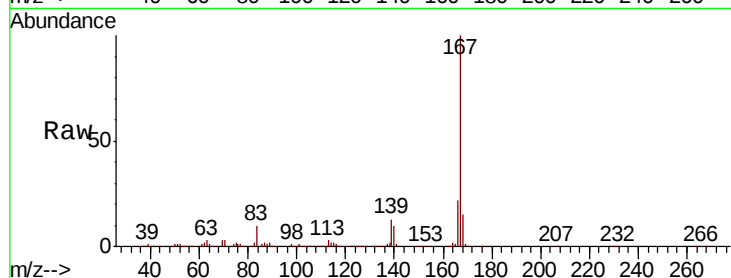
Tot Ion:167 Resp: 2298906

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

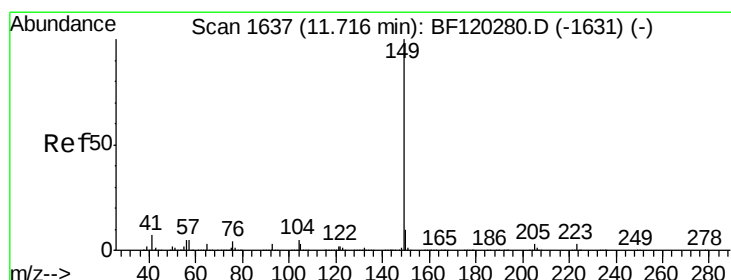
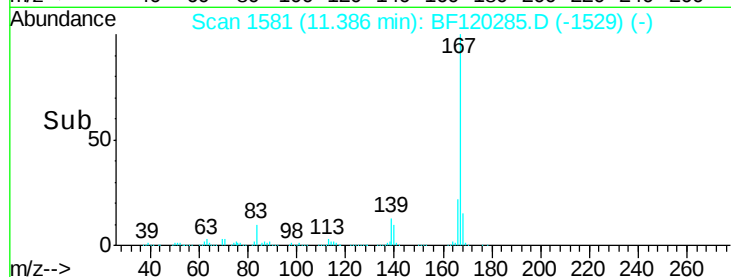
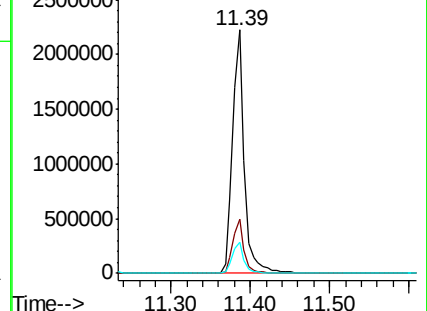
139 12.9 10.6 15.8



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

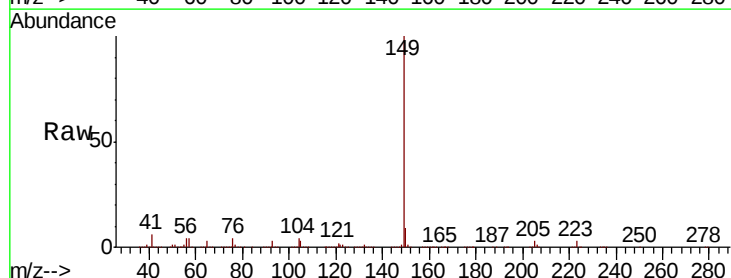
Tgt Ion:149 Resp: 2469088

Ion Ratio Lower Upper

149 100

150 9.3 8.2 12.4

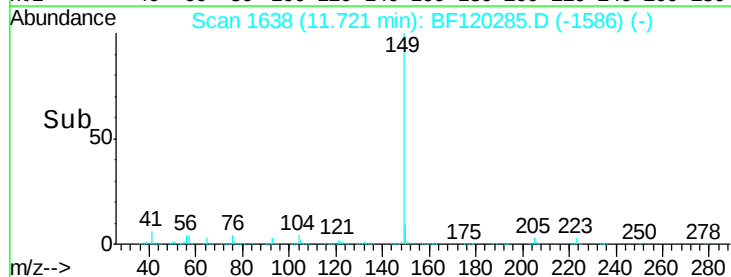
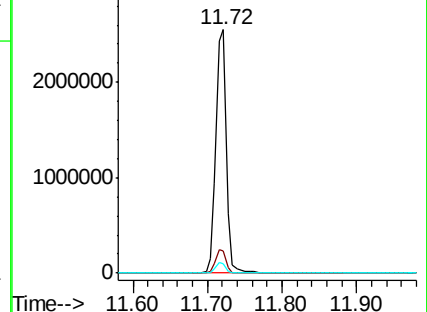
104 4.0 3.8 5.8

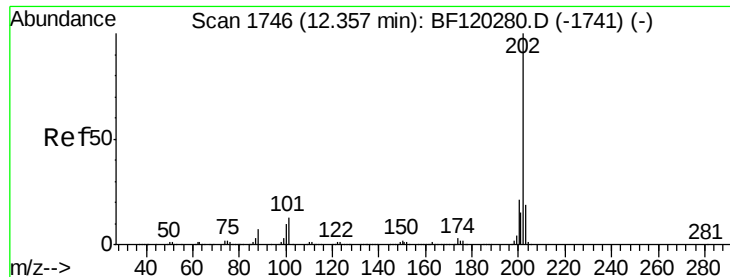


Abundance Ion 149.00 (148.70 to 149.70): E

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

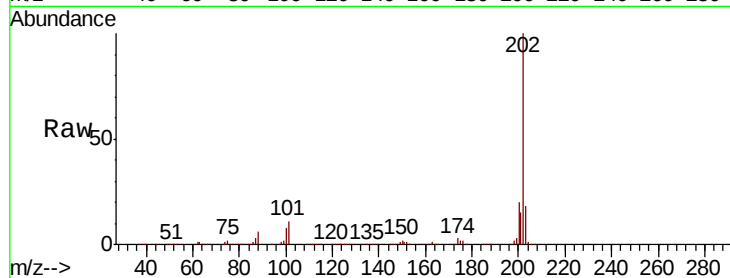
Tot Ion:202 Resp: 2188893

Ion Ratio Lower Upper

202 100

101 10.7 0.0 33.2

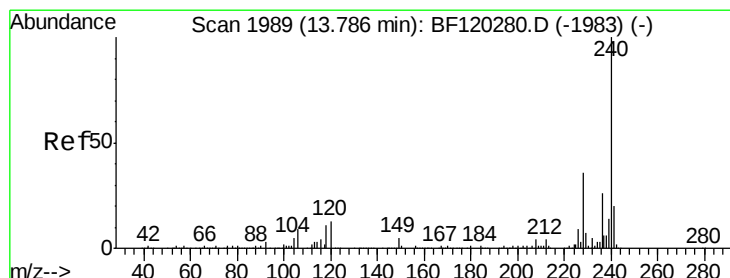
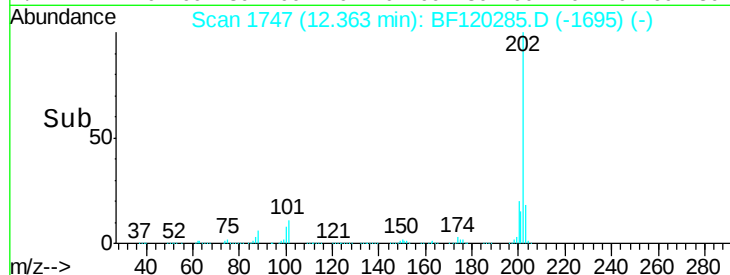
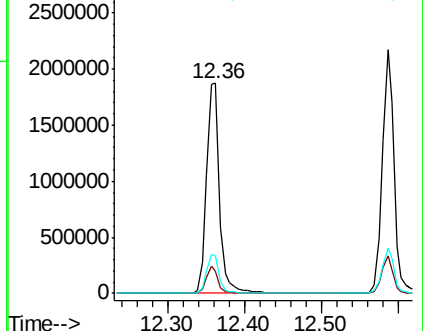
203 17.9 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF120285.D

Acq: 14 May 2020 12:50

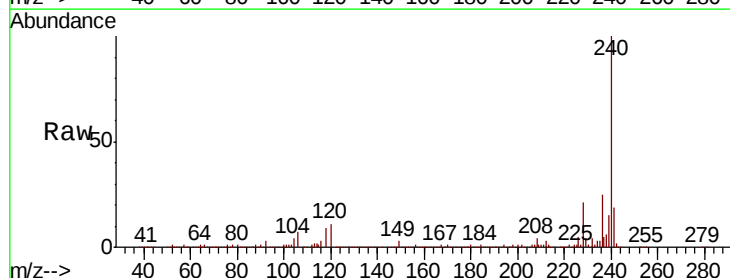
Tgt Ion:240 Resp: 871796

Ion Ratio Lower Upper

240 100

120 11.0 10.4 15.6

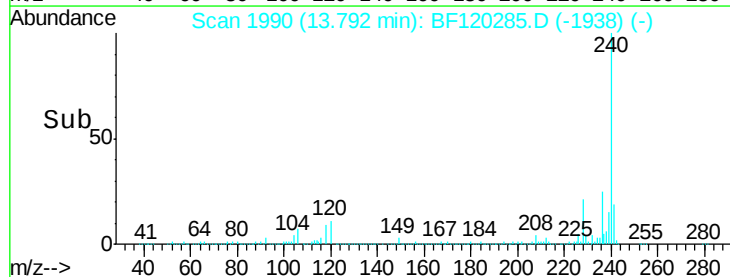
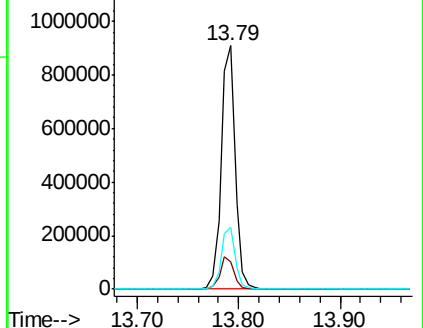
236 25.4 21.0 31.6

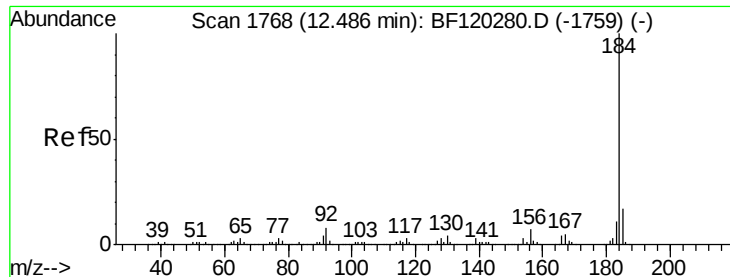


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 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

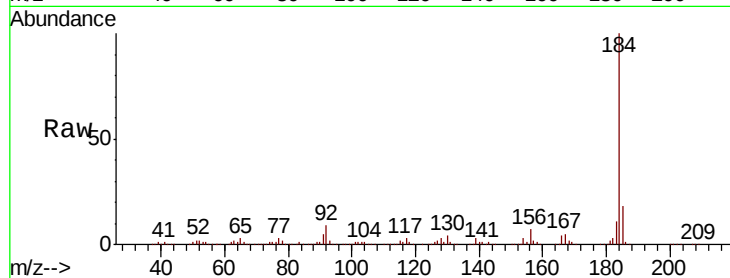
Tot Ion:184 Resp: 1110890

Ion	Ratio	Lower	Upper
184	100		
185	17.9	13.7	20.5
183	11.2	8.7	13.1

184 100

185 17.9 13.7 20.5

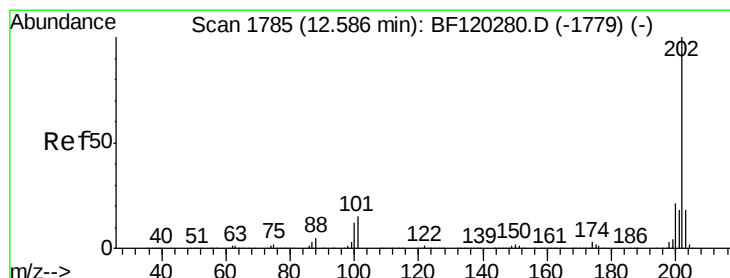
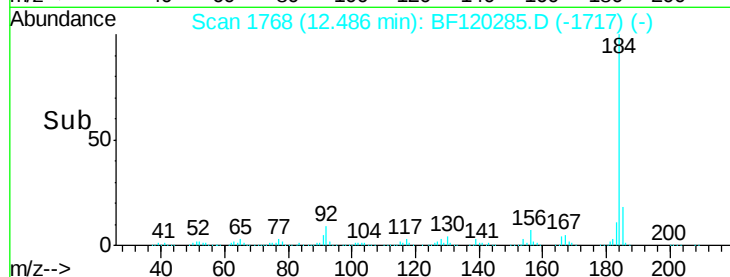
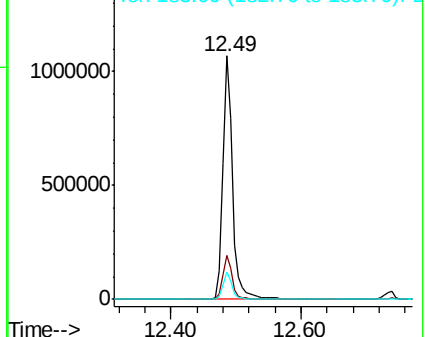
183 11.2 8.7 13.1



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

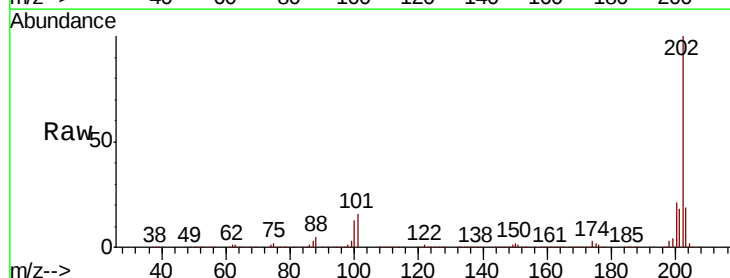
Tgt Ion:202 Resp: 2340267

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.8	14.6	22.0

202 100

200 20.8 16.6 25.0

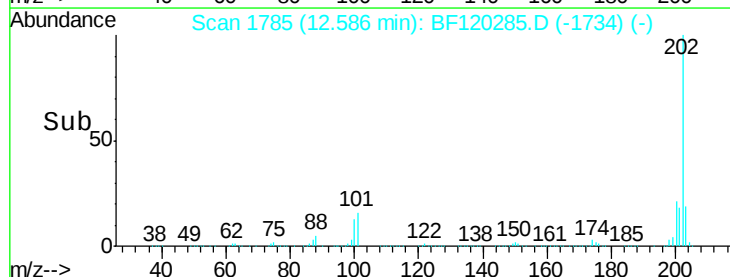
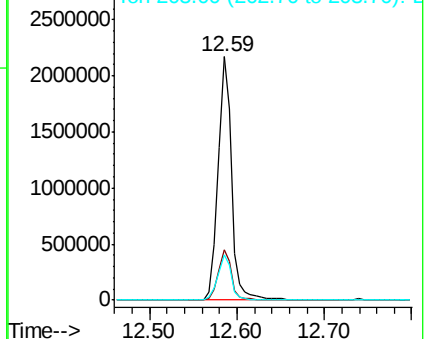
203 18.8 14.6 22.0

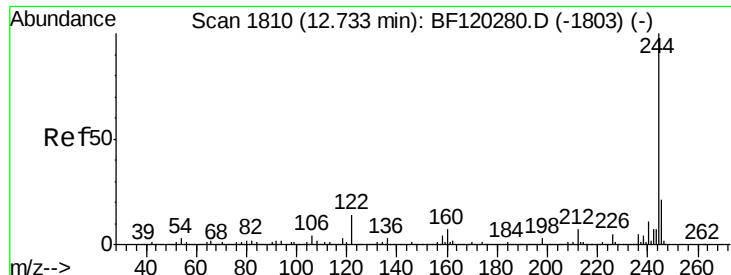


Abundance Ion 202.00 (201.70 to 202.70): E

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

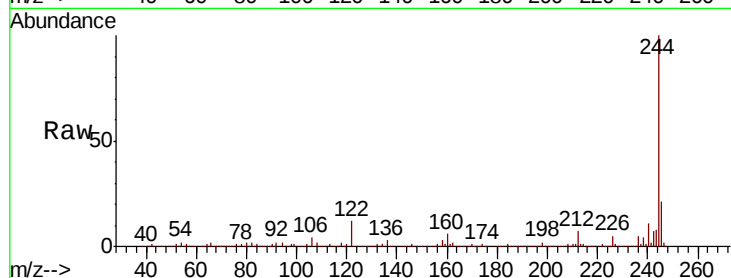
Tot Ion:244 Resp: 3030704

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

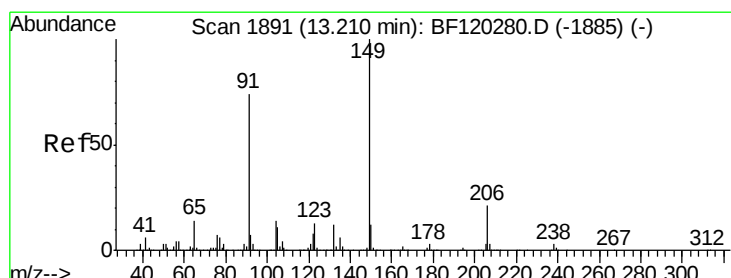
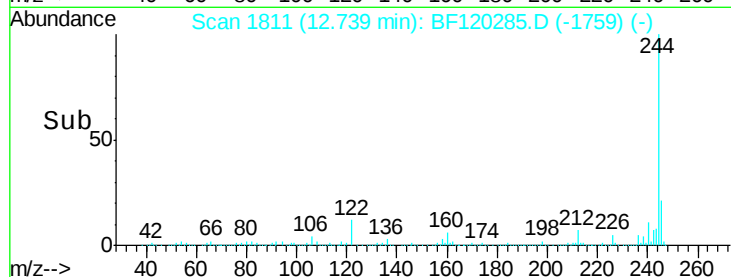
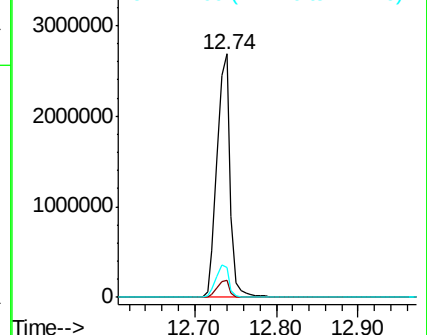
122 12.4 10.8 16.2



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

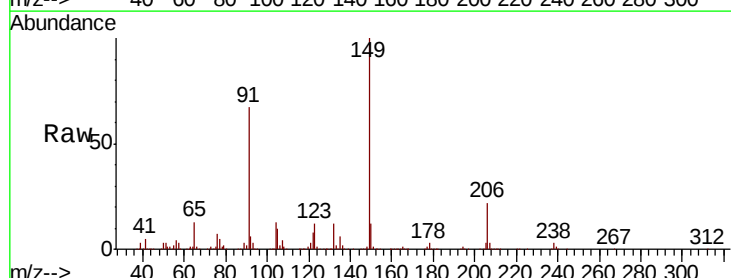
Tgt Ion:149 Resp: 1102310

Ion Ratio Lower Upper

149 100

91 67.2 59.0 88.4

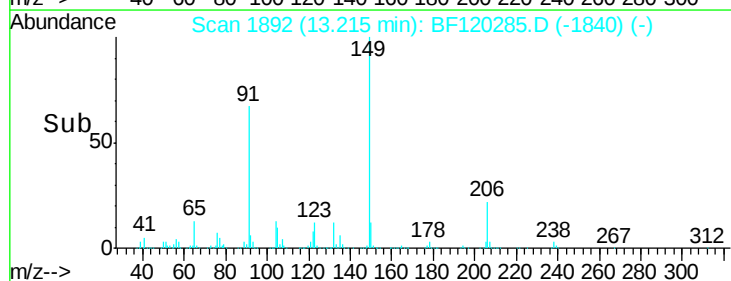
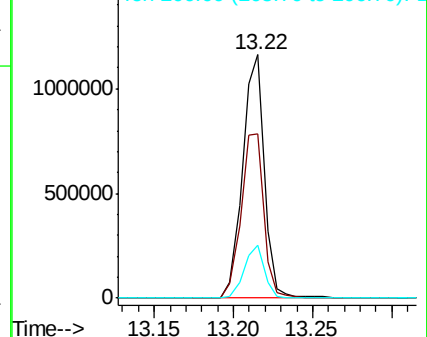
206 21.9 16.8 25.2

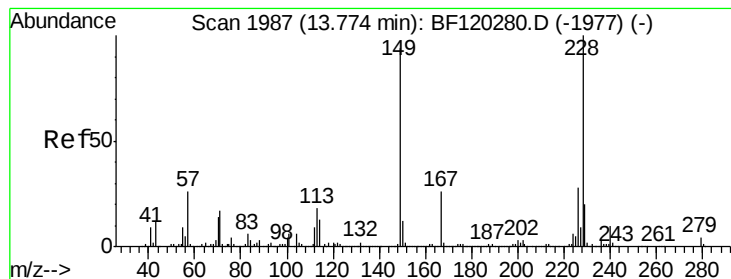


Abundance Ion 149.00 (148.70 to 149.70): E

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

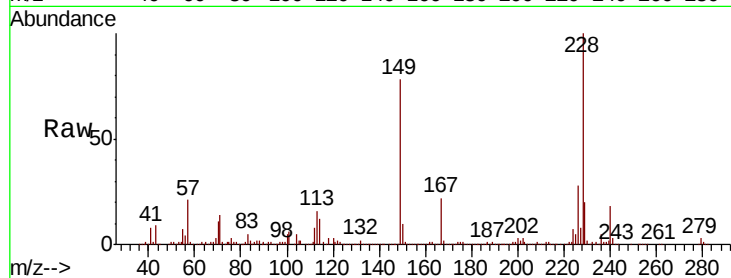
Tot Ion:228 Resp: 1776048

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

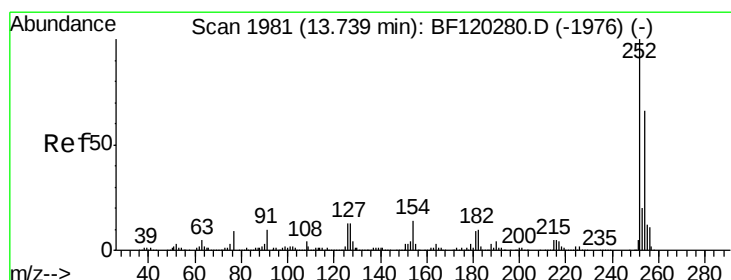
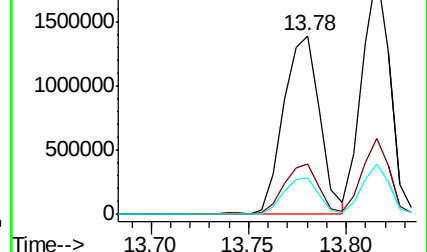
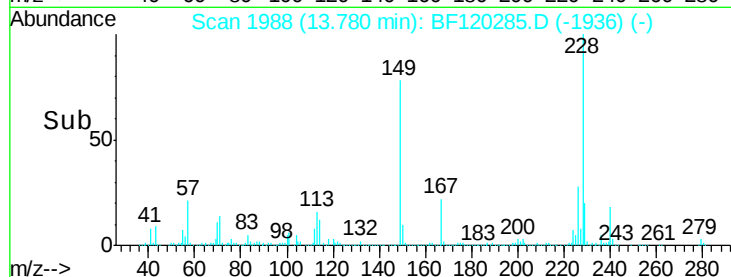
229 20.1 16.4 24.6



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

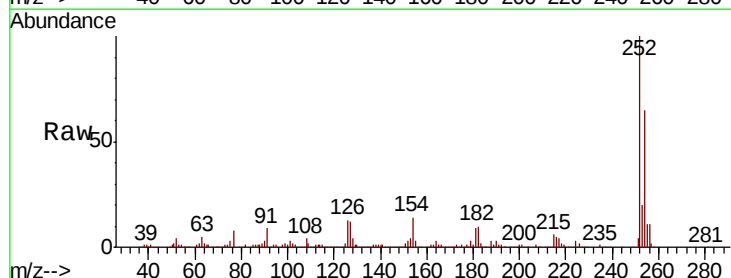
Tgt Ion:252 Resp: 719258

Ion Ratio Lower Upper

252 100

254 65.4 52.6 78.8

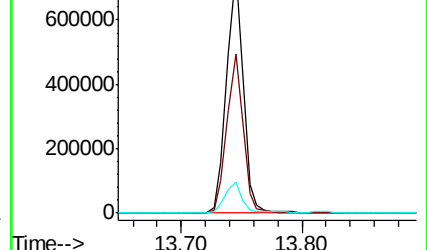
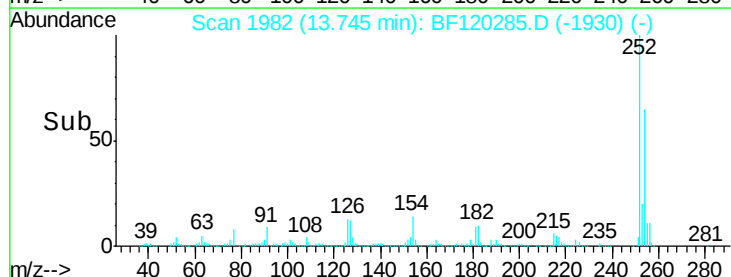
126 12.7 10.7 16.1

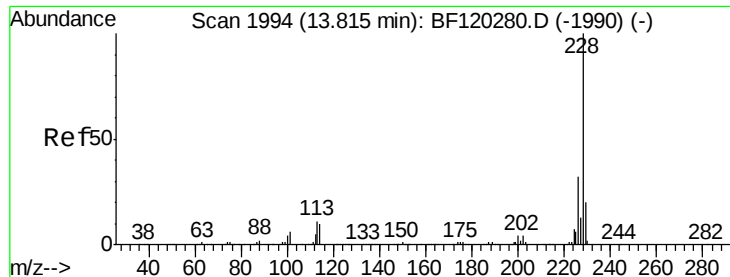


Abundance Ion 252.00 (251.70 to 252.70): E

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

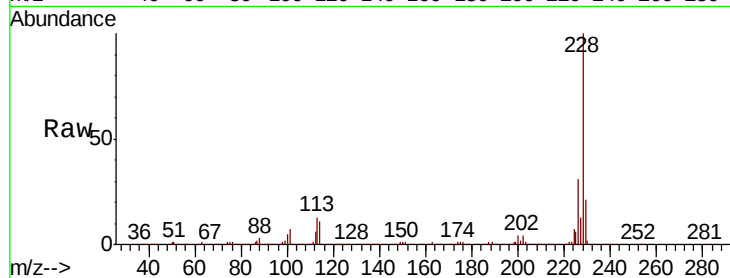
Tot Ion:228 Resp: 1876193

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

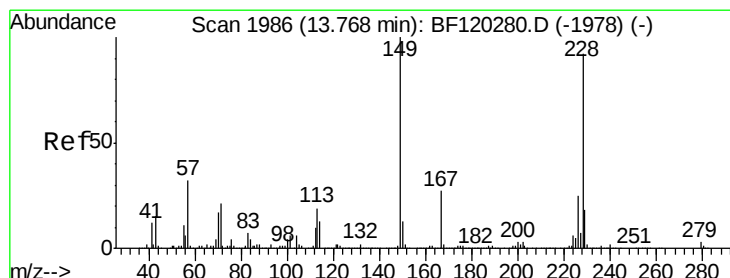
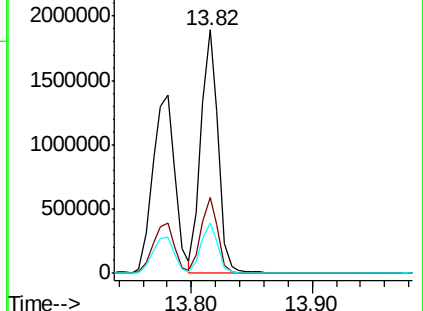
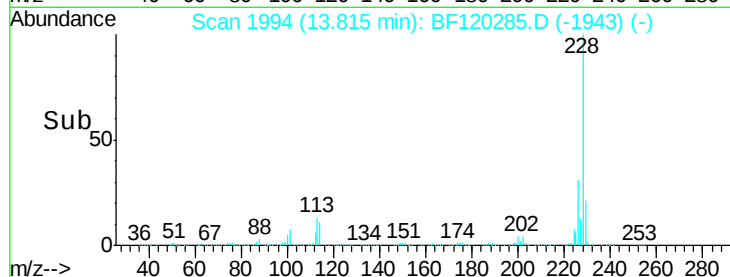
229 20.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 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

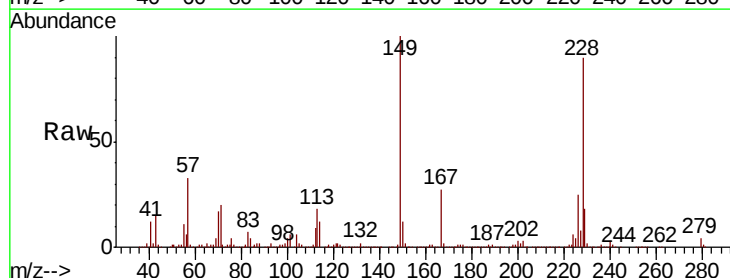
Tgt Ion:149 Resp: 1391245

Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

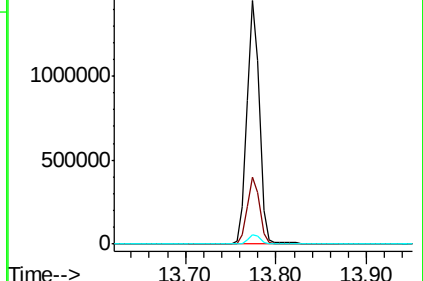
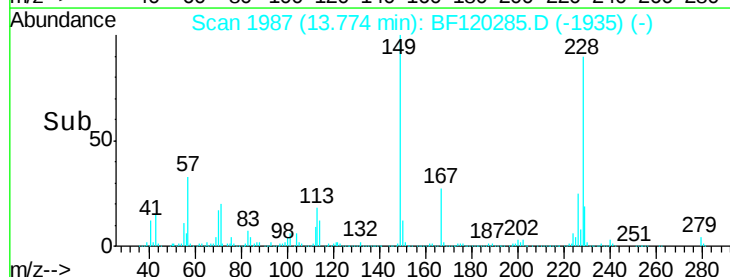
279 3.7 2.8 4.2

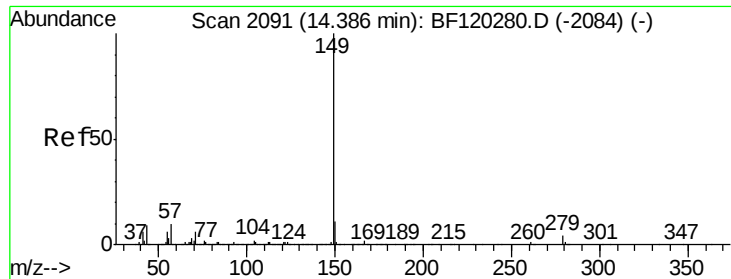


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

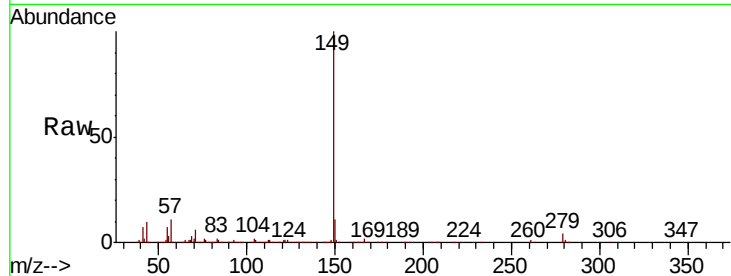




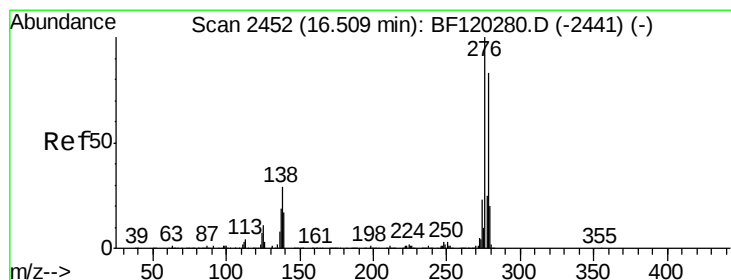
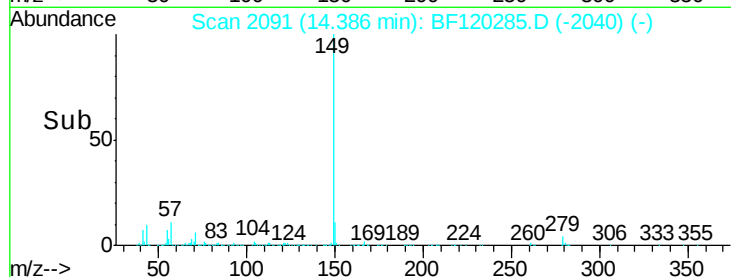
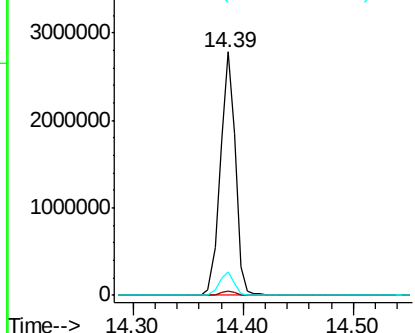
#85
Di-n-octyl phthalate
Concen: 40.114 ng
RT: 14.39 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

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

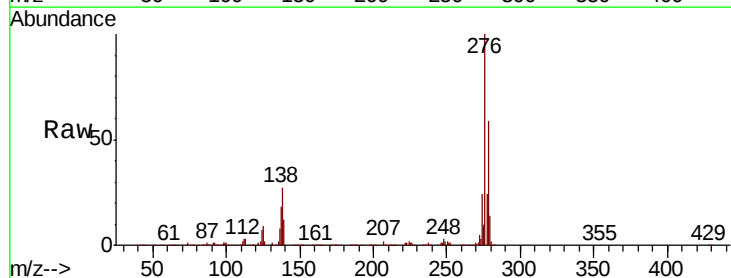


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

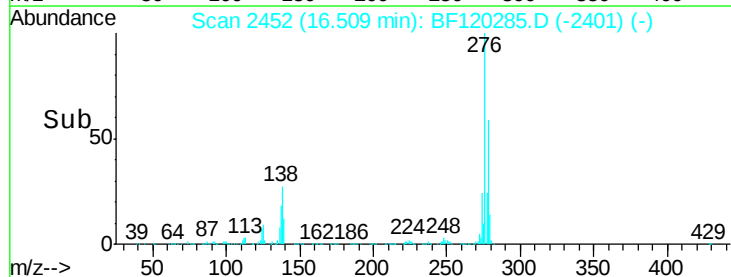
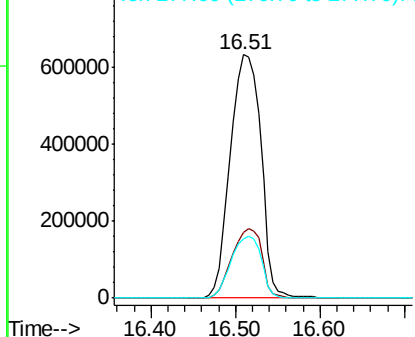


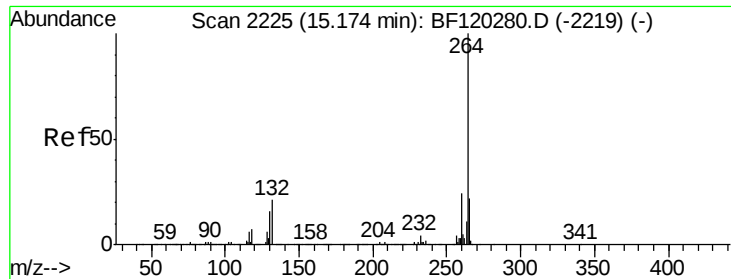
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.399 ng
RT: 16.51 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

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



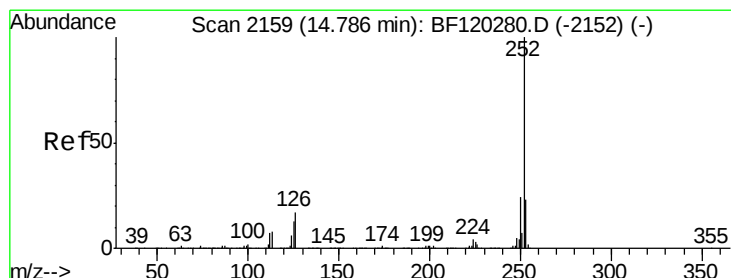
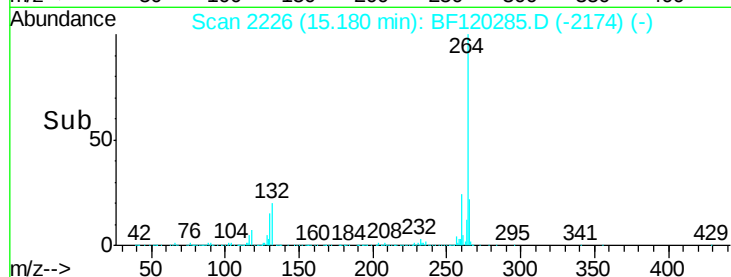
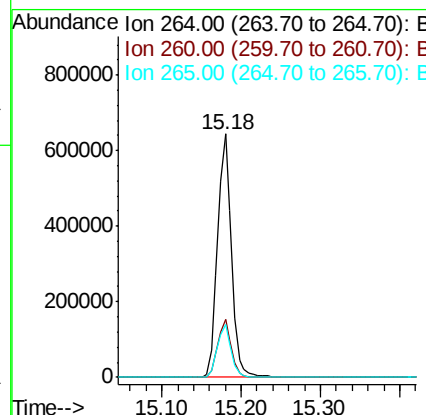
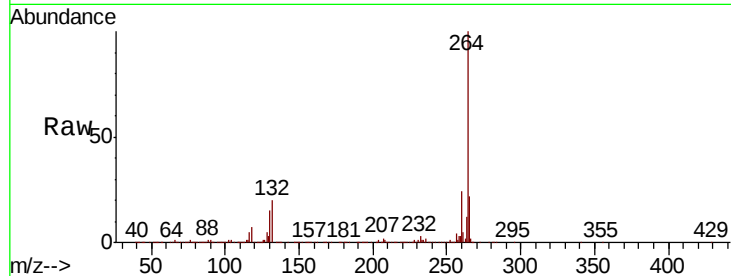


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

Instrument :
BNA_F
ClientSampleId :
ICVBF051420

Tot Ion:264 Resp: 785448

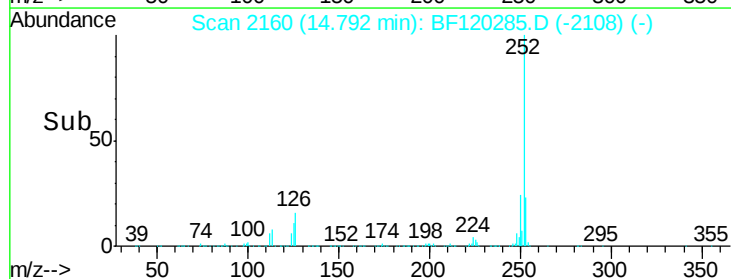
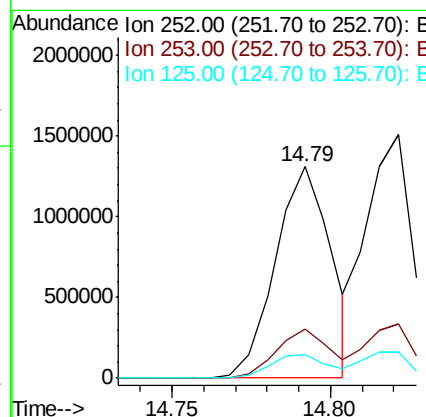
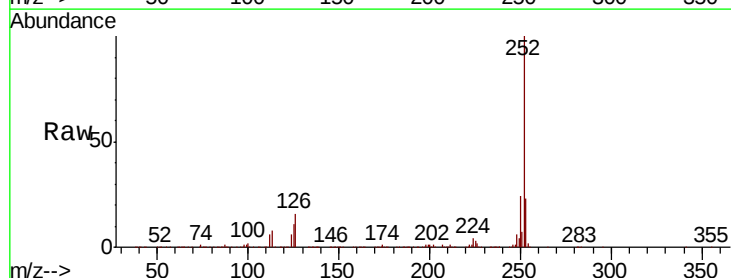
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.9	17.5	26.3

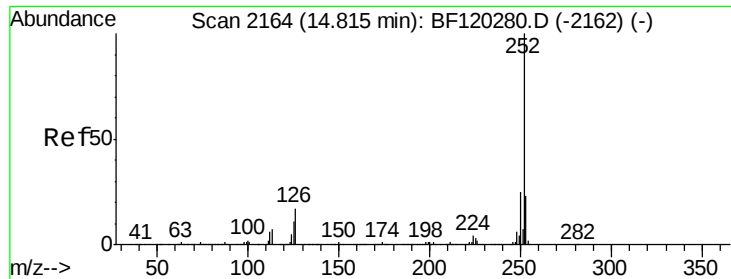


#88
Benzo(b)fluoranthene
Concen: 37.347 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

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

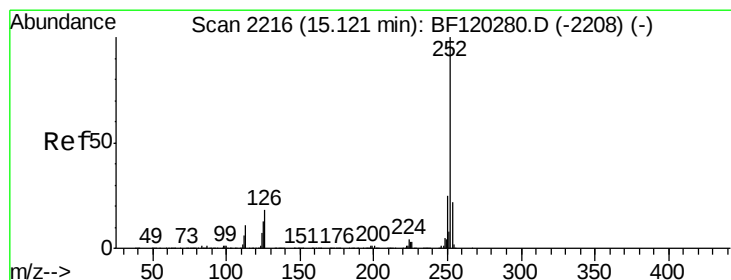
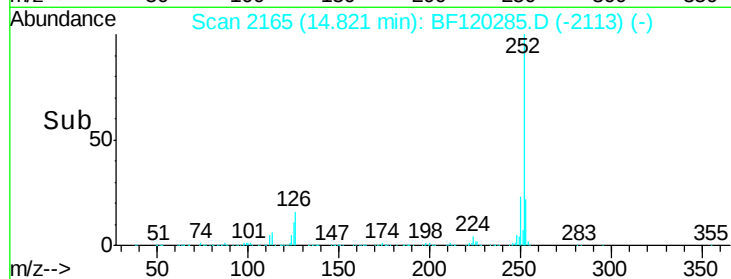
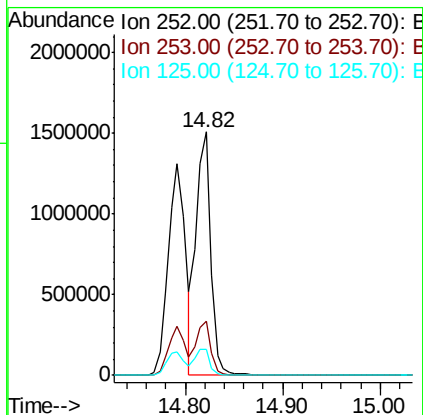
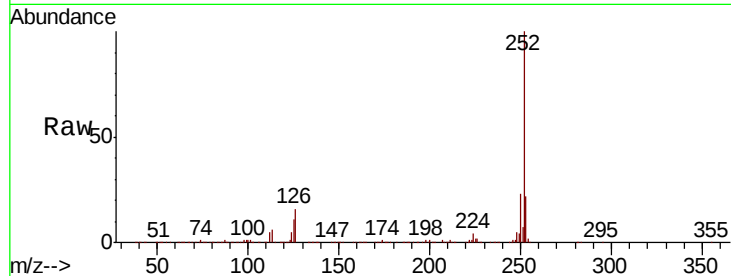




#89
Benzo(k)fluoranthene
Concen: 42.369 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BF120285.D
Acq: 14 May 2020 12:50

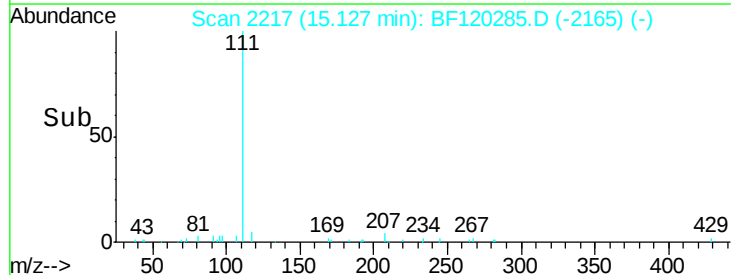
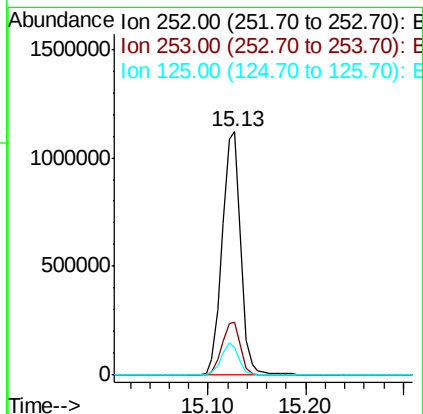
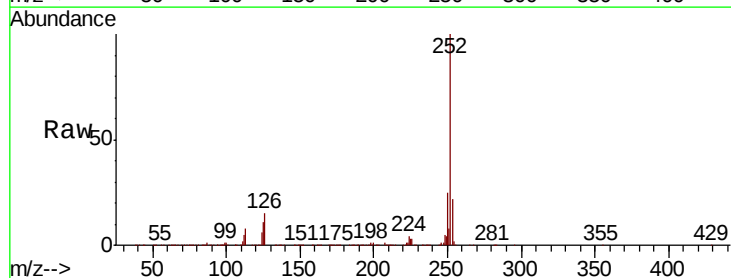
Instrument :
BNA_F
ClientSampleId :
ICVBF051420

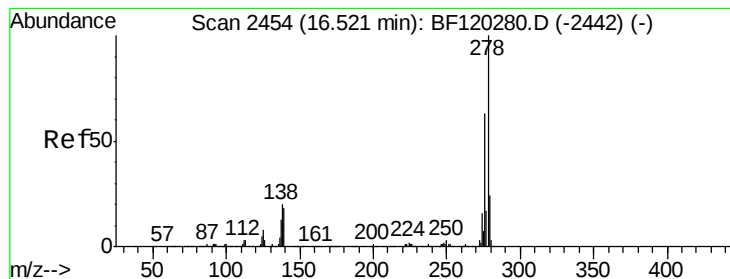
Tot Ion:252 Resp: 1574566
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 10.7 9.9 14.9



#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

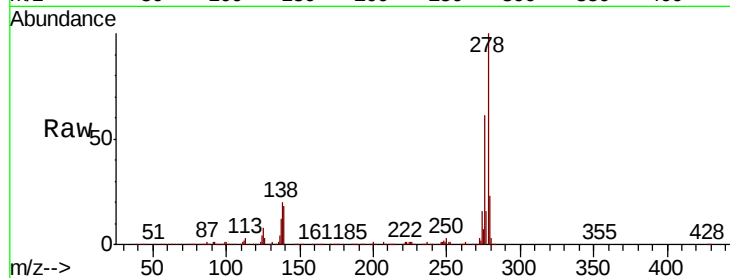
Tot Ion:278 Resp: 1334624

Ion Ratio Lower Upper

278 100

139 17.6 14.7 22.1

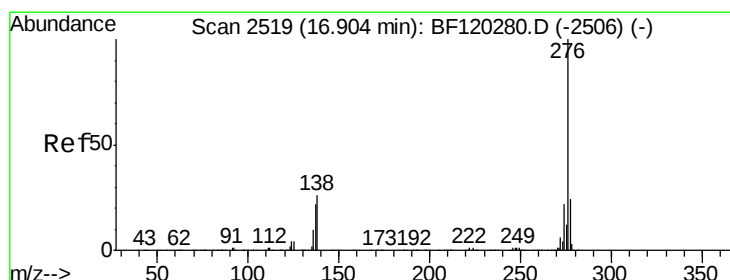
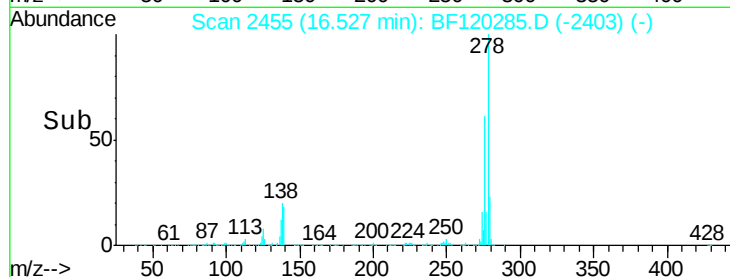
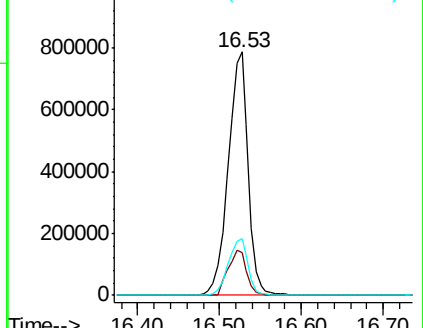
279 23.4 19.2 28.8



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

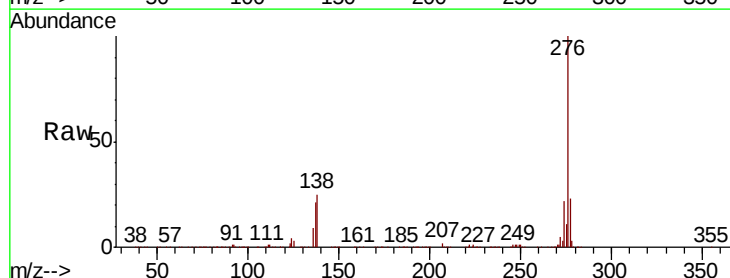
Tgt Ion:276 Resp: 1348503

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

