

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051520\
 Data File : BF120322.D
 Acq On : 15 May 2020 15:31
 Operator : MA/SJ
 Sample : L2646-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMSD

Quant Time: May 15 16:12:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	311046	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1186920	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	615016	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	1181625	20.00	ng	0.00
76) Chrysene-d12	13.77	240	884182	20.00	ng	0.00
87) Perylene-d12	15.16	264	778121	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	2223641	139.10	ng	0.01
7) Phenol-d6	6.28	99	2777184	137.37	ng	0.00
23) Nitrobenzene-d5	7.19	82	1801186	103.90	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	739242	147.42	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	3091739	103.28	ng	0.00
79) Terphenyl-d14	12.73	244	3520987	87.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	335874	52.817	ng	96
3) Pyridine	2.95	79	746094	37.323	ng	98
4) n-Nitrosodimethylamine	2.89	42	381168	48.697	ng	99
6) Aniline	6.28	93	846251	32.732	ng	93
8) 2-Chlorophenol	6.40	128	864805	46.396	ng	98
9) Benzaldehyde	6.16	77	535760	42.990	ng	99
10) Phenol	6.29	94	1077930	45.677	ng	# 77
11) bis(2-Chloroethyl)ether	6.36	93	872326	46.275	ng	98
12) 1,3-Dichlorobenzene	6.55	146	851737	42.704	ng	98
13) 1,4-Dichlorobenzene	6.63	146	874502	42.570	ng	98
14) 1,2-Dichlorobenzene	6.79	146	778013	42.057	ng	99
15) Benzyl Alcohol	6.77	79	655822	45.663	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1289287	43.399	ng	72
17) 2-Methylphenol	6.90	107	673606	42.809	ng	94
18) Hexachloroethane	7.12	117	323359	41.320	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	573174	43.277	ng	93
20) 3+4-Methylphenols	7.05	107	879140	42.973	ng	97
22) Acetophenone	7.03	105	1139417	46.860	ng	98
24) Nitrobenzene	7.20	77	865642	46.398	ng	98
25) Isophorone	7.45	82	1576101	43.695	ng	99
26) 2-Nitrophenol	7.52	139	445457	45.652	ng	93
27) 2,4-Dimethylphenol	7.57	122	699030	49.248	ng	96
28) bis(2-Chloroethoxy)methane	7.66	93	1013208	44.690	ng	98
29) 2,4-Dichlorophenol	7.77	162	664838	45.606	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	693685	42.940	ng	98
31) Naphthalene	7.92	128	2301171	45.938	ng	100
32) Benzoic acid	7.73	122	439664	47.256	ng	98
33) 4-Chloroaniline	7.98	127	557013	24.400	ng	99
34) Hexachlorobutadiene	8.04	225	389094	41.671	ng	98
35) Caprolactam	8.36	113	121643	25.506	ng	93
36) 4-Chloro-3-methylphenol	8.48	107	714049	45.278	ng	98
37) 2-Methylnaphthalene	8.62	142	1529777	44.626	ng	99
38) 1-Methylnaphthalene	8.71	142	1452806	43.696	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	675753	43.575	ng	99

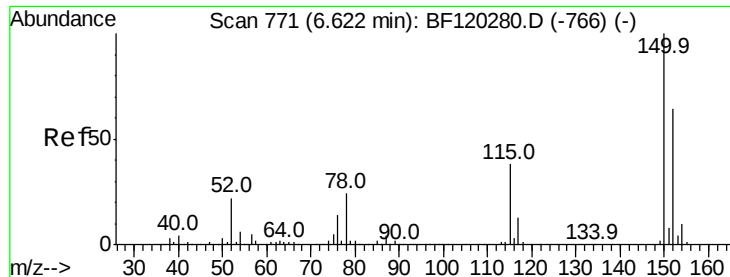
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051520\
 Data File : BF120322.D
 Acq On : 15 May 2020 15:31
 Operator : MA/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.76	237	563668	87.441	ng	98
43) 2,4,6-Trichlorophenol	8.90	196	449999	43.229	ng	99
44) 2,4,5-Trichlorophenol	8.95	196	492672	41.212	ng	99
46) 1,1'-Biphenyl	9.08	154	1882318	46.712	ng	99
47) 2-Chloronaphthalene	9.10	162	1437553	44.473	ng	99
48) 2-Nitroaniline	9.21	65	529831	44.925	ng	98
49) Acenaphthylene	9.52	152	2242226	45.411	ng	100
50) Dimethylphthalate	9.39	163	2169594	55.805	ng	99
51) 2,6-Dinitrotoluene	9.45	165	386409	44.532	ng	98
52) Acenaphthene	9.69	154	1319211	44.573	ng	99
53) 3-Nitroaniline	9.62	138	252540	24.406	ng	98
54) 2,4-Dinitrophenol	9.73	184	336283	82.102	ng	96
55) Dibenzofuran	9.86	168	1932910	45.352	ng	99
56) 4-Nitrophenol	9.82	139	467329	84.052	ng	89
57) 2,4-Dinitrotoluene	9.86	165	461122	45.303	ng	94
58) Fluorene	10.20	166	1453100	44.768	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.99	232	408279	45.382	ng	99
60) Diethylphthalate	10.09	149	1638326	43.649	ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	702279	41.614	ng	95
62) 4-Nitroaniline	10.24	138	404331	41.963	ng	99
63) Azobenzene	10.36	77	1581174	44.573	ng	95
65) 4,6-Dinitro-2-methylphenol	10.27	198	257360	43.067	ng	93
66) n-Nitrosodiphenylamine	10.32	169	1372313	41.979	ng	100
67) 4-Bromophenyl-phenylether	10.69	248	465301	40.580	ng	96
68) Hexachlorobenzene	10.75	284	508069	42.355	ng	94
69) Atrazine	10.85	200	379940	38.841	ng	98
70) Pentachlorophenol	10.95	266	433208	84.912	ng	99
71) Phenanthrene	11.16	178	2171847	43.741	ng	99
72) Anthracene	11.22	178	2391354	44.989	ng	99
73) Carbazole	11.37	167	2160420	43.500	ng	99
74) Di-n-butylphthalate	11.70	149	2674374	44.680	ng	99
75) Fluoranthene	12.34	202	2537488	47.681	ng	99
77) Benzidine	12.47	184	1574848	60.994	ng	97
78) Pyrene	12.57	202	2531121	40.155	ng	99
80) Butylbenzylphthalate	13.20	149	1292644	43.550	ng	94
81) Benzo(a)anthracene	13.77	228	2081540	44.635	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	498060	28.341	ng	98
83) Chrysene	13.80	228	2076284	41.462	ng	100
84) Bis(2-ethylhexyl)phthalate	13.76	149	1623403	43.961	ng	100
85) Di-n-octyl phthalate	14.37	149	2914297	43.868	ng	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	2046646	45.031	ng	100
88) Benzo(b)fluoranthene	14.78	252	1937501	45.594	ng	98
89) Benzo(k)fluoranthene	14.81	252	1744873	47.393	ng	98
90) Benzo(a)pyrene	15.11	252	1713417	44.959	ng	100
91) Dibenzo(a,h)anthracene	16.50	278	1689060	50.028	ng	98
92) Benzo(g,h,i)perylene	16.89	276	1755651	51.567	ng	97

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

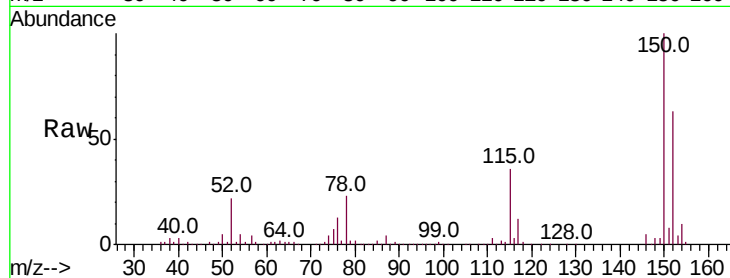


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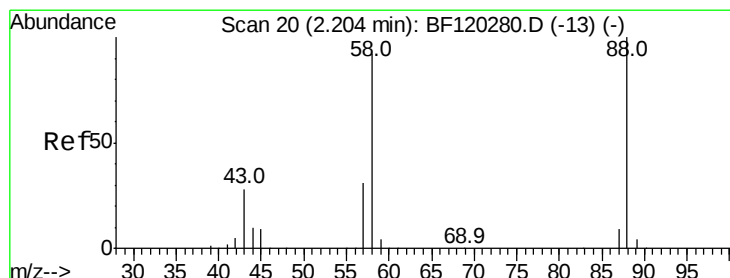
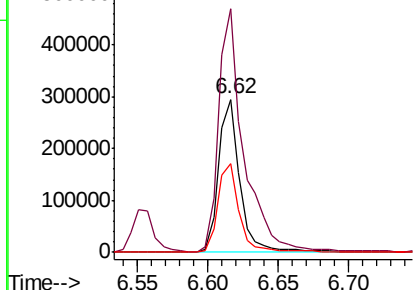
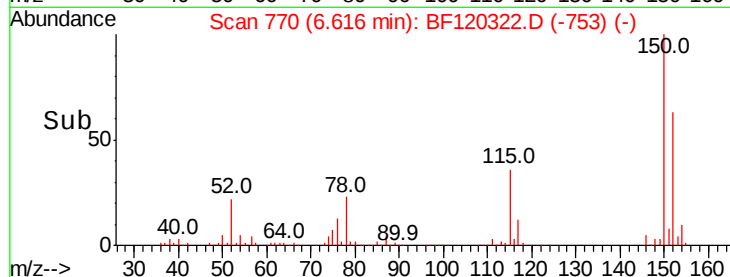
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMSD

Tot Ion:152 Resp: 311046
 Ion Ratio Lower Upper
 152 100
 150 159.3 126.2 189.2
 115 58.1 47.9 71.9



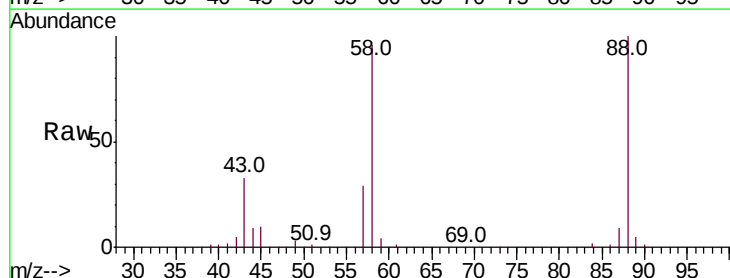
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



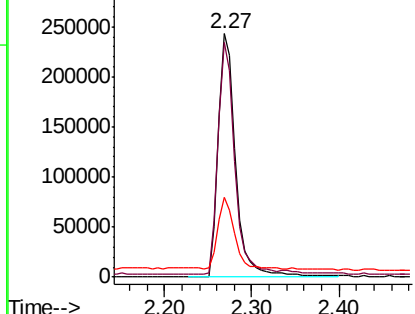
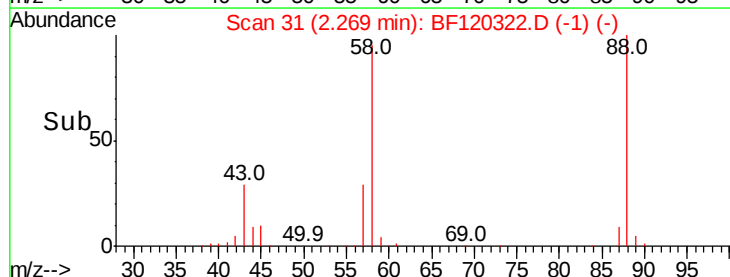
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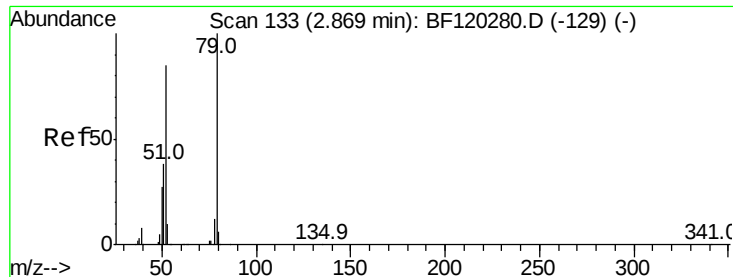
1,4-Dioxane
 Concen: 52.817 ng
 RT: 2.27 min Scan# 31
 Delta R.T. 0.07 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

Tgt Ion: 88 Resp: 335874
 Ion Ratio Lower Upper
 88 100
 58 91.1 75.8 113.6
 43 28.0 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: 37.323 ng

RT: 2.95 min Scan# 146

Delta R.T. 0.08 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

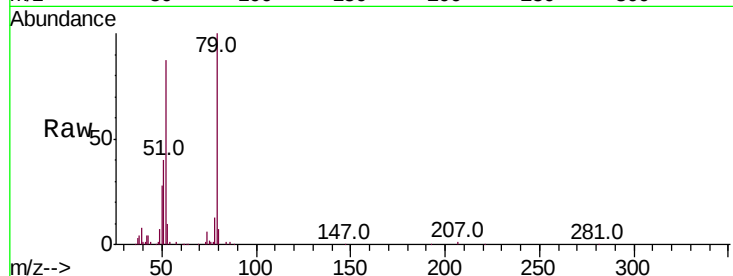
Tot Ion: 79 Resp: 746094

Ion Ratio Lower Upper

79 100

52 87.3 68.4 102.6

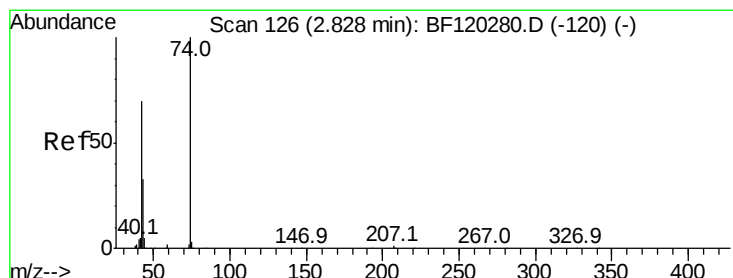
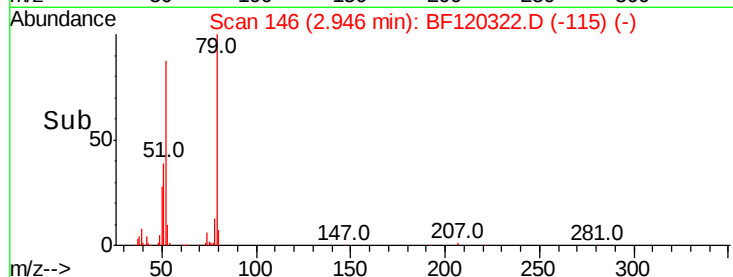
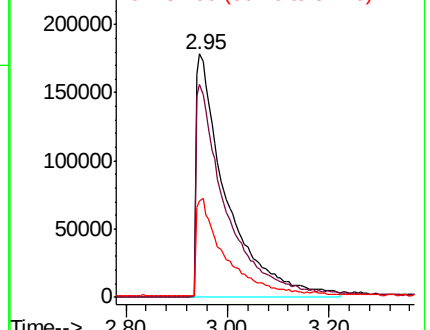
51 39.9 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 48.697 ng

RT: 2.89 min Scan# 137

Delta R.T. 0.07 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

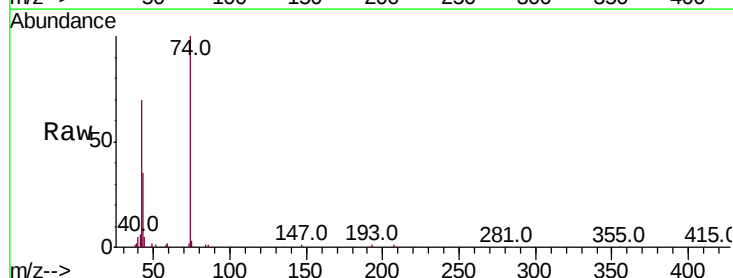
Tgt Ion: 42 Resp: 381168

Ion Ratio Lower Upper

42 100

74 142.3 114.8 172.2

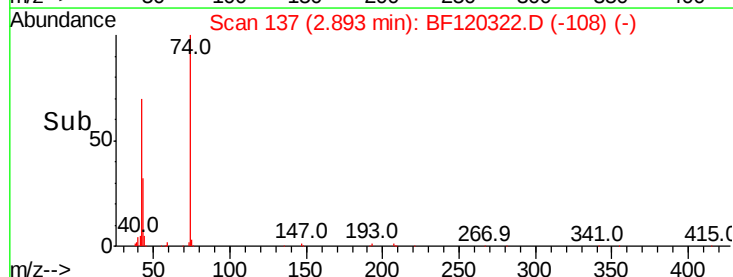
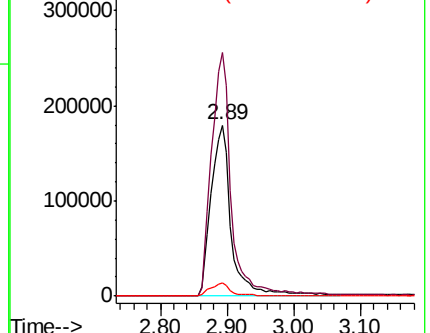
44 7.8 5.6 8.4

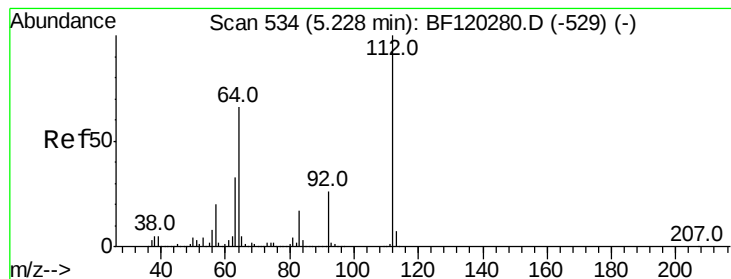


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 139.097 ng

RT: 5.23 min Scan# 535

Delta R.T. 0.01 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

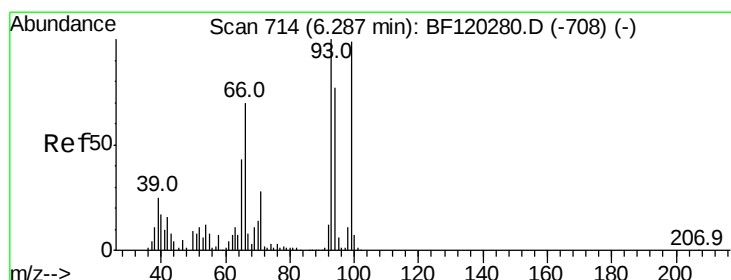
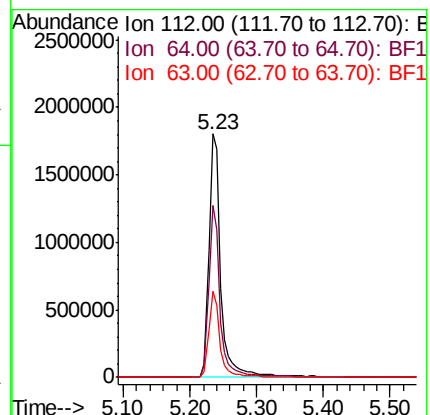
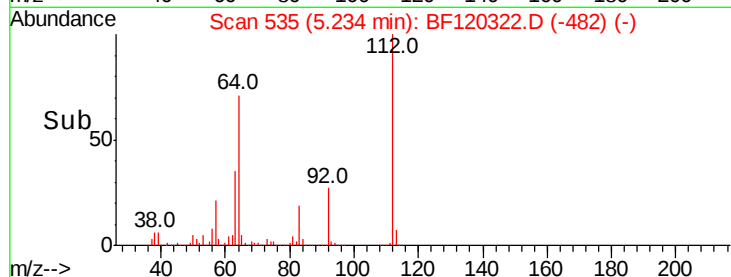
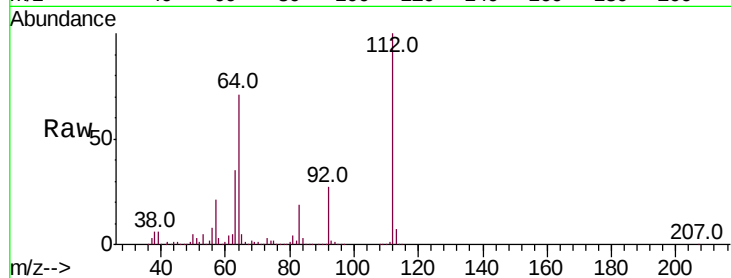
Tot Ion:112 Resp: 2223641

Ion Ratio Lower Upper

112 100

64 70.8 52.7 79.1

63 35.3 26.2 39.4



#6

Aniline

Concen: 32.732 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

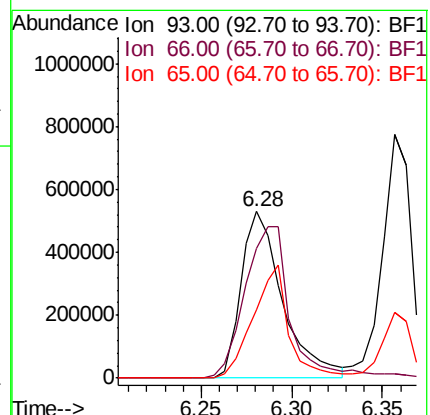
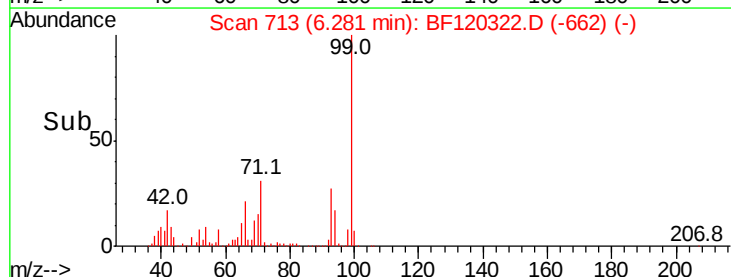
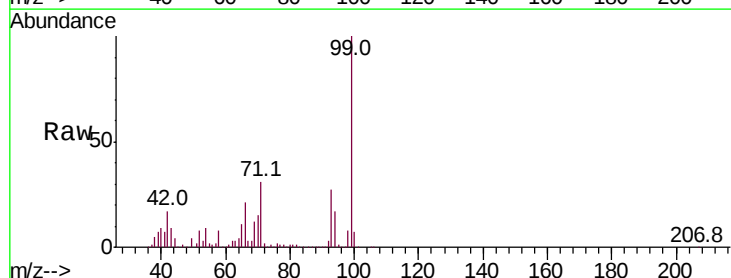
Tgt Ion: 93 Resp: 846251

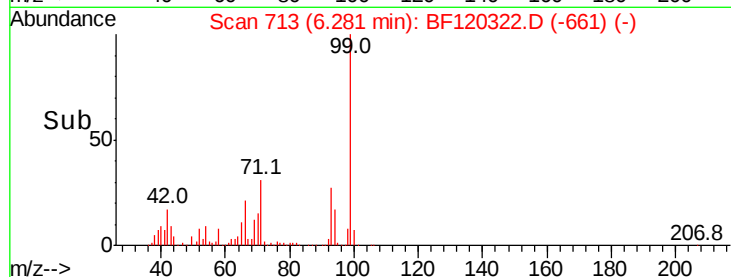
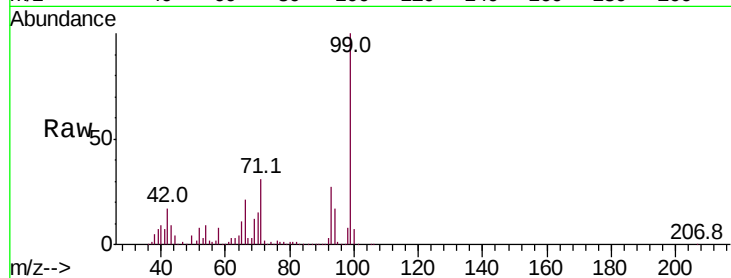
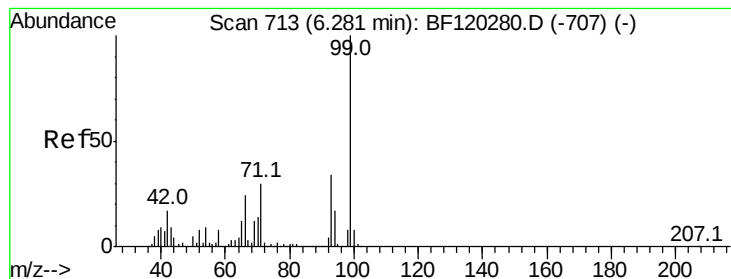
Ion Ratio Lower Upper

93 100

66 78.2 56.2 84.4

65 41.1 34.2 51.2





#7

Phenol-d6

Concen: 137.375 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

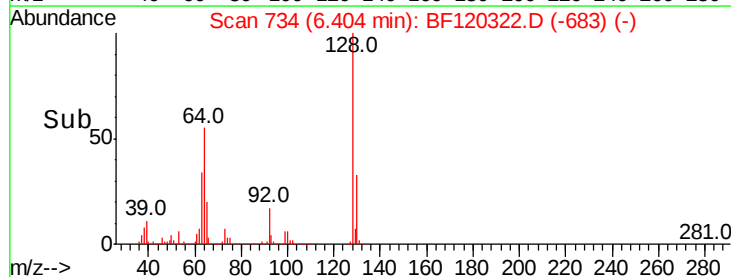
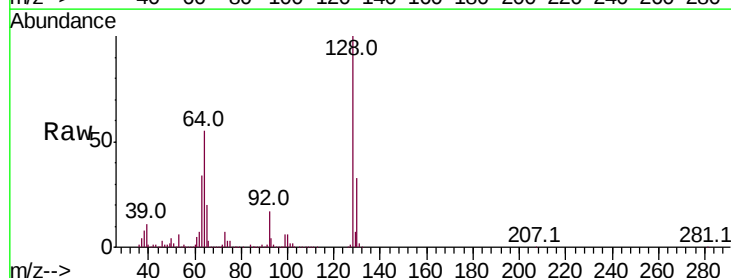
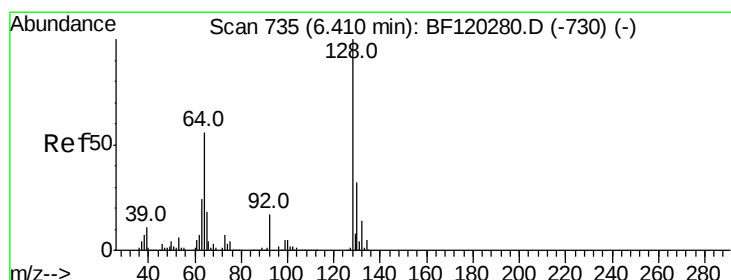
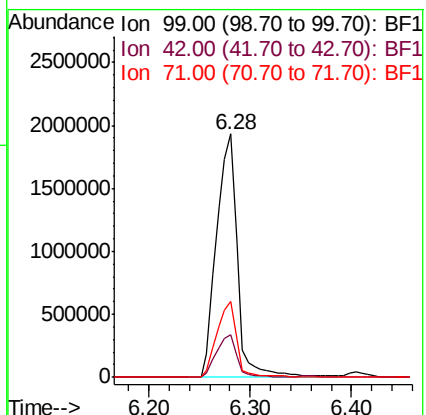
Tot Ion: 99 Resp: 2777184

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

71 31.2 24.2 36.4



#8

2-Chlorophenol

Concen: 46.396 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

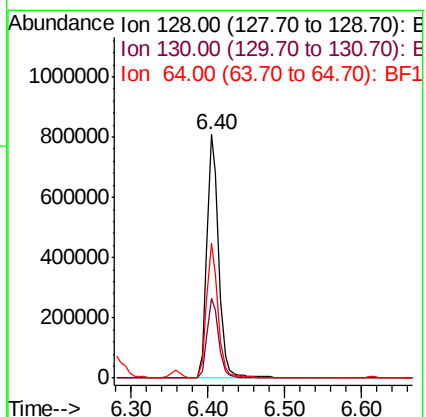
Tgt Ion: 128 Resp: 864805

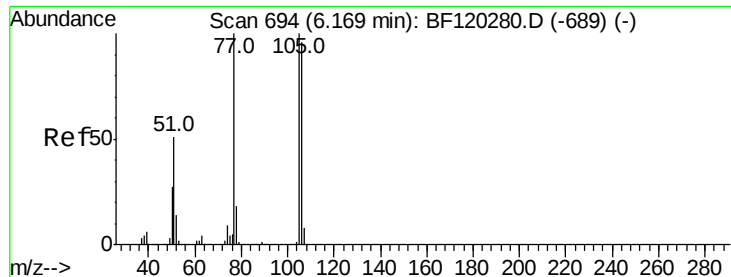
Ion Ratio Lower Upper

128 100

130 32.8 12.4 52.4

64 55.2 36.7 76.7





#9

Benzaldehyde

Concen: 42.990 ng

RT: 6.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

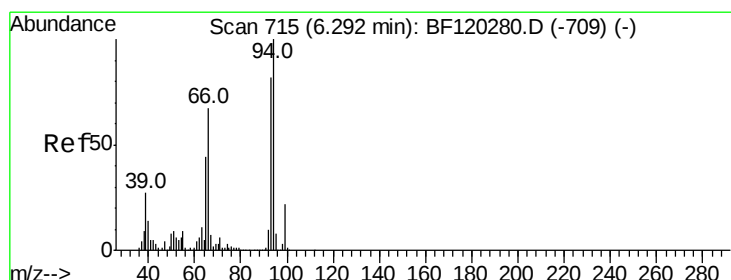
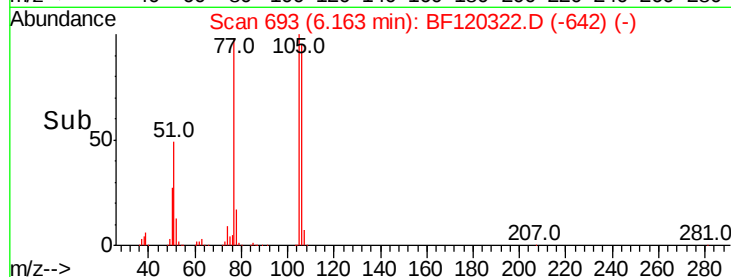
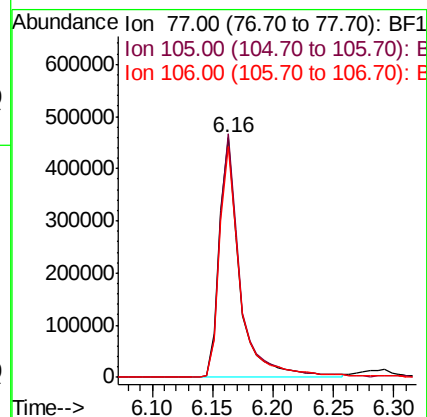
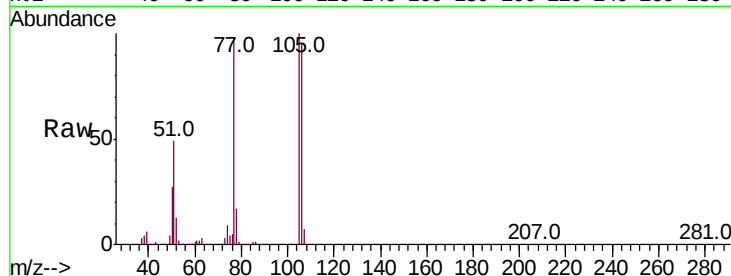
Tot Ion: 77 Resp: 535760

Ion Ratio Lower Upper

77 100

105 101.7 79.9 119.9

106 96.5 75.7 115.7



#10

Phenol

Concen: 45.677 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

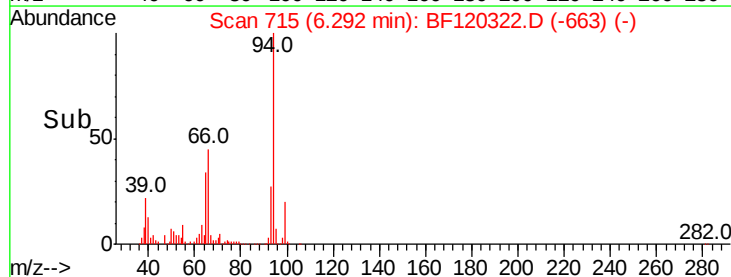
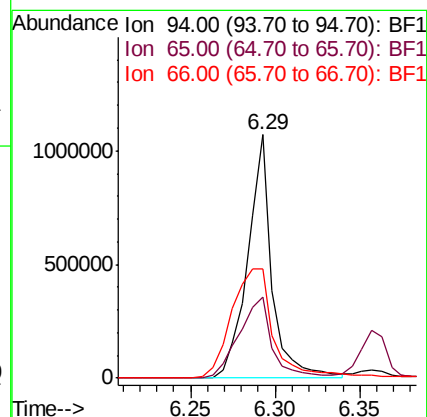
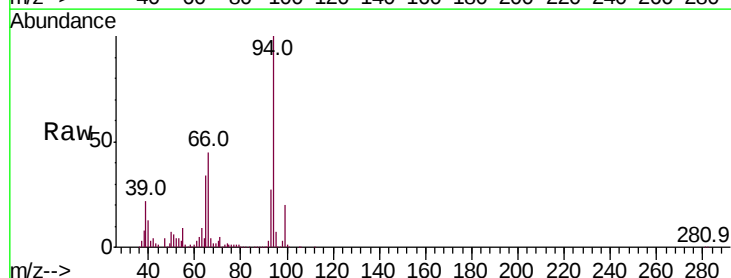
Tgt Ion: 94 Resp: 1077930

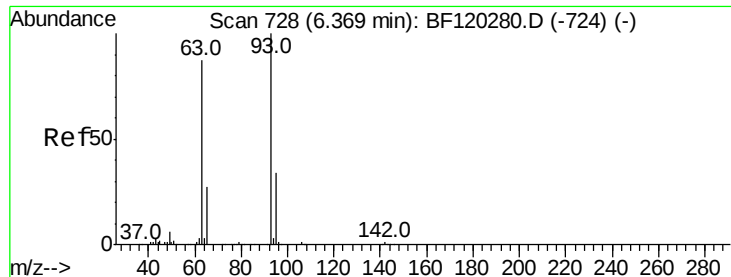
Ion Ratio Lower Upper

94 100

65 33.5 24.1 64.1

66 44.9 47.5 87.5#

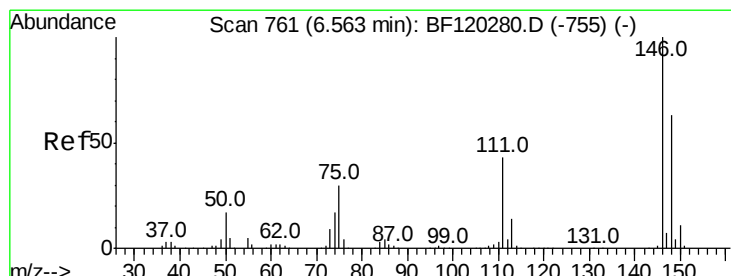
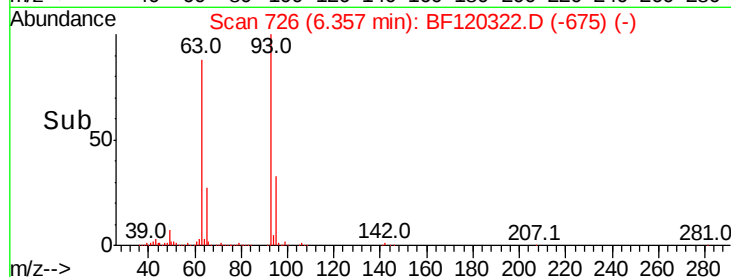
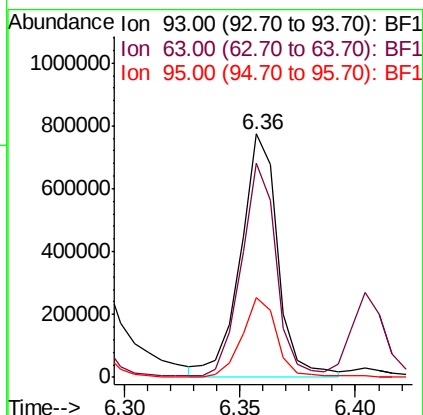
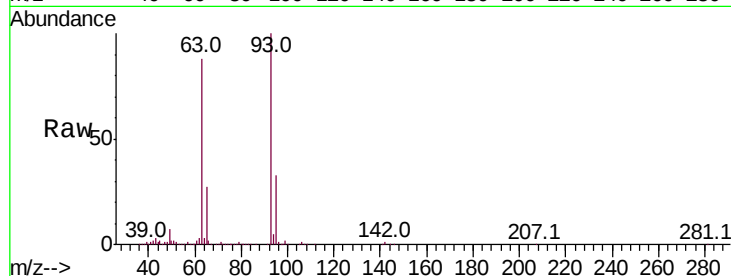




#11
bis(2-Chloroethyl)ether
Concen: 46.275 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

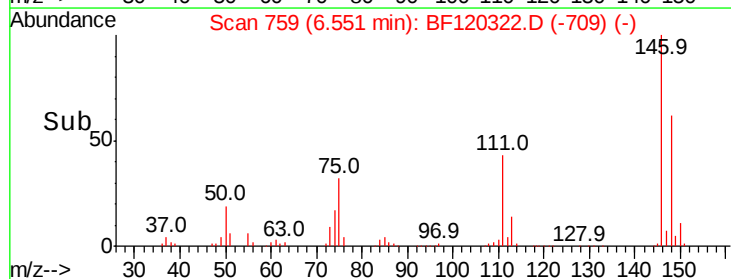
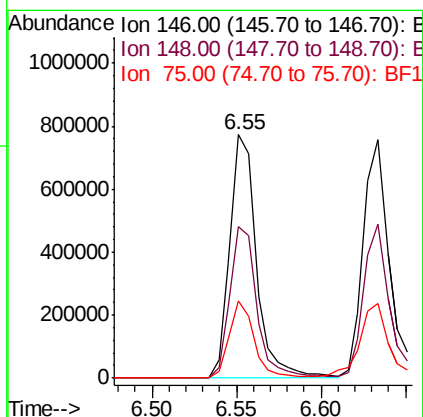
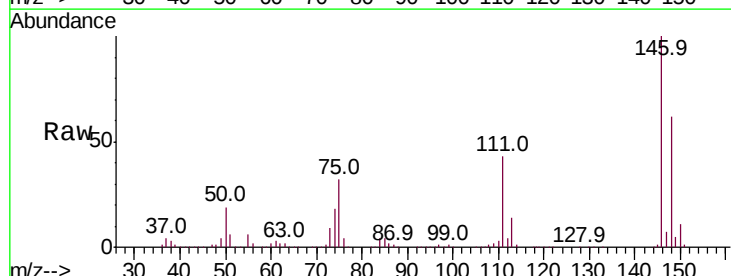
Instrument :
BNA_F
ClientSampleId :
TP-B-DMSD

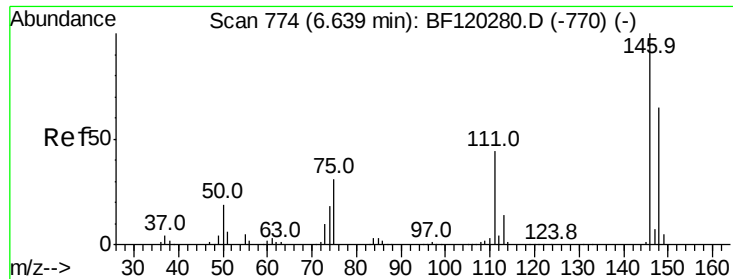
Tot Ion: 93 Resp: 872326
Ion Ratio Lower Upper
93 100
63 87.9 65.4 105.4
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 42.704 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

Tgt Ion: 146 Resp: 851737
Ion Ratio Lower Upper
146 100
148 62.1 50.5 75.7
75 31.9 24.2 36.4

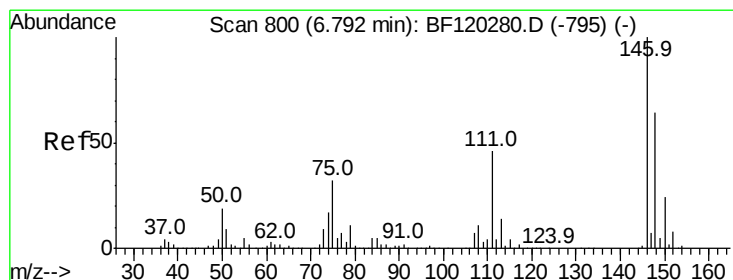
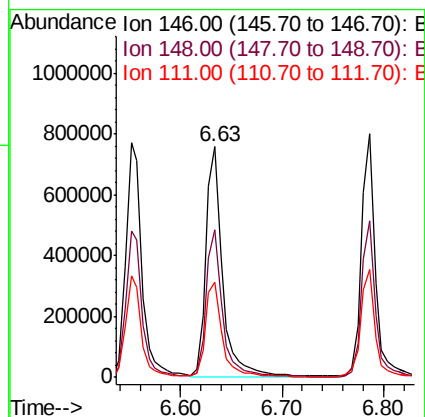
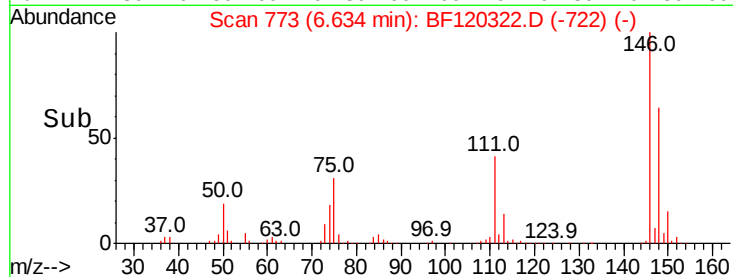
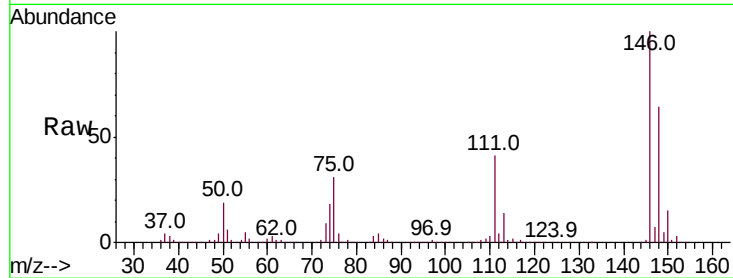




#13
 1,4-Dichlorobenzene
 Concen: 42.570 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

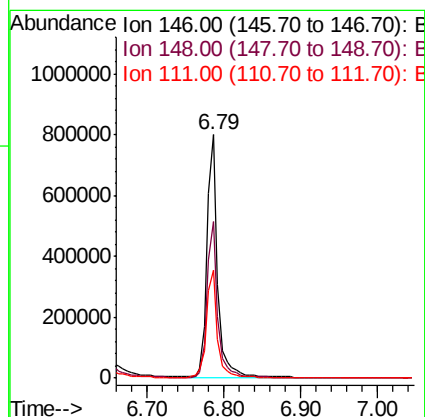
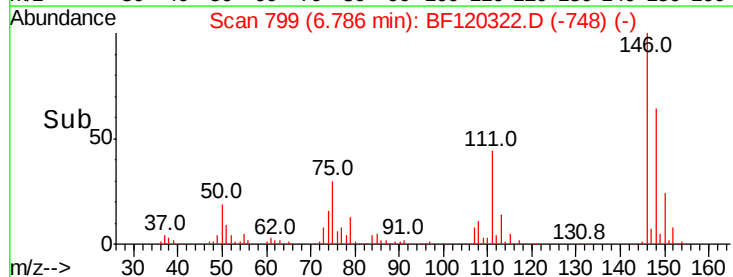
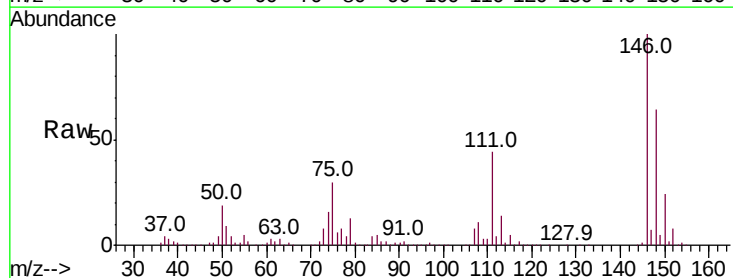
Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMSD

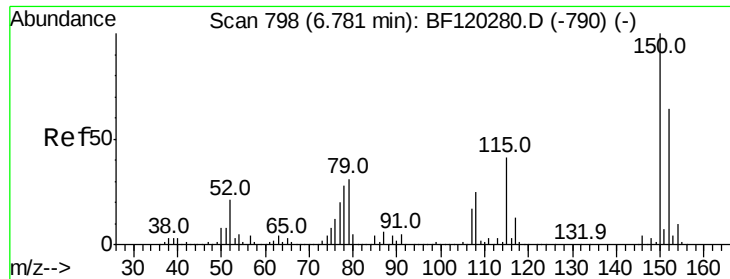
Tot Ion:146 Resp: 874502
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.6 77.4
 111 41.3 35.1 52.7



#14
 1,2-Dichlorobenzene
 Concen: 42.057 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

Tgt Ion:146 Resp: 778013
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 44.1 36.6 55.0

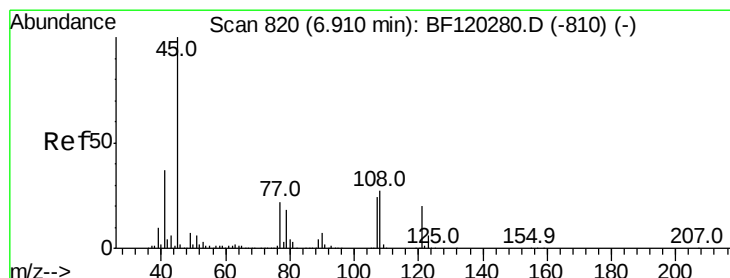
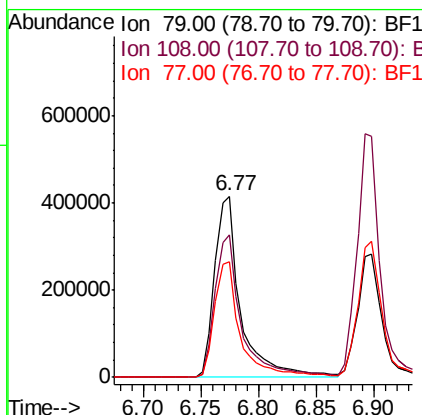
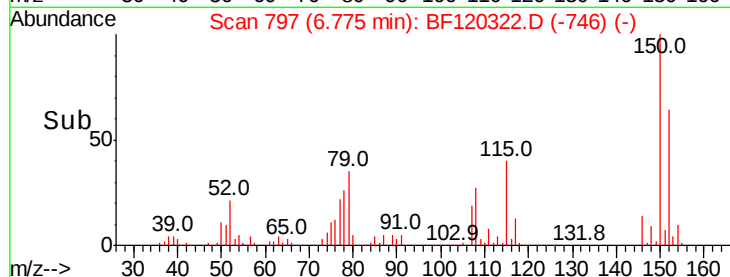
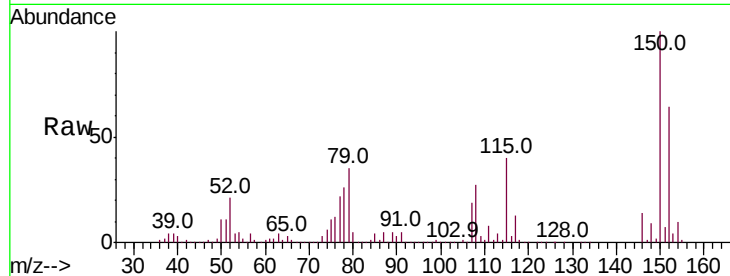




#15
Benzyl Alcohol
Concen: 45.663 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

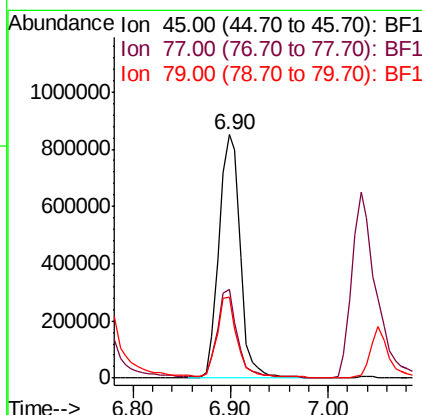
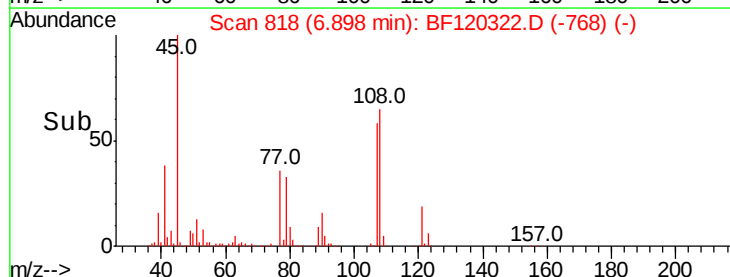
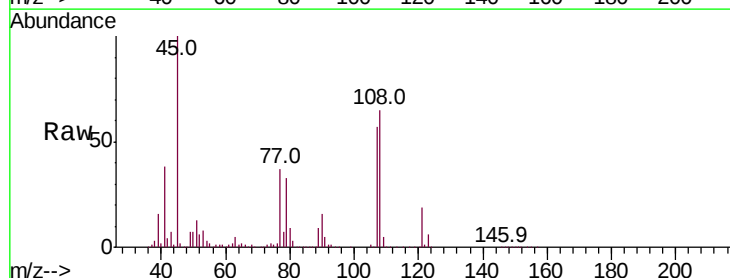
Instrument :
BNA_F
ClientSampleId :
TP-B-DMSD

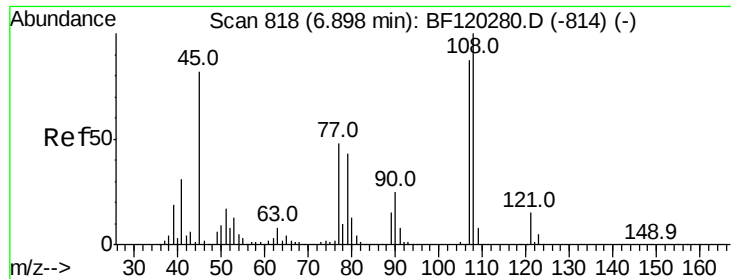
Tot Ion: 79 Resp: 655822
Ion Ratio Lower Upper
79 100
108 78.4 64.2 96.4
77 63.4 51.6 77.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.399 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

Tgt Ion: 45 Resp: 1289287
Ion Ratio Lower Upper
45 100
77 36.6 3.1 43.1
79 33.3 0.0 40.0

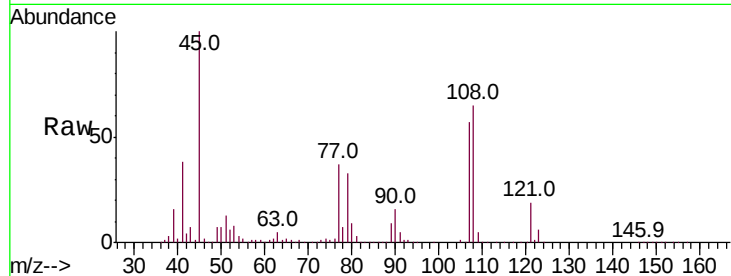




#17
2-Methylphenol
Concen: 42.809 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
TP-B-DMSD

Tot Ion:	107	Resp:	673606
Ion	Ratio	Lower	Upper
107	100		
108	112.8	92.4	138.6
77	63.7	44.5	66.7
79	57.9	40.4	60.6



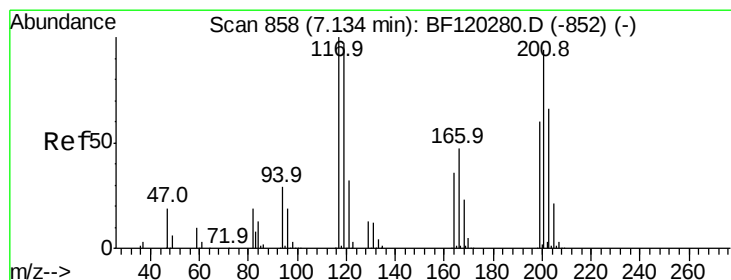
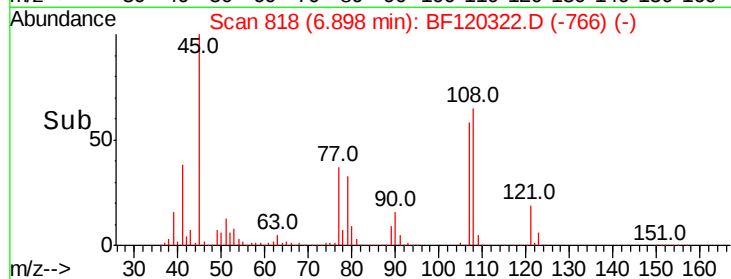
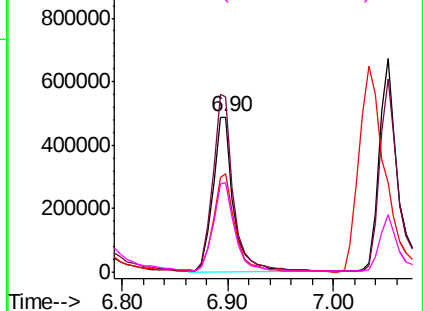
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

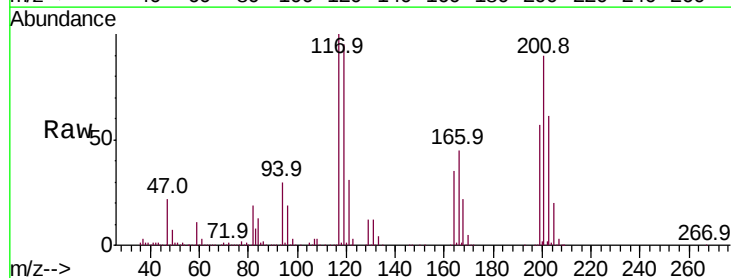
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.320 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

Tgt Ion:	117	Resp:	323359
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.0
201	90.3	74.9	112.3

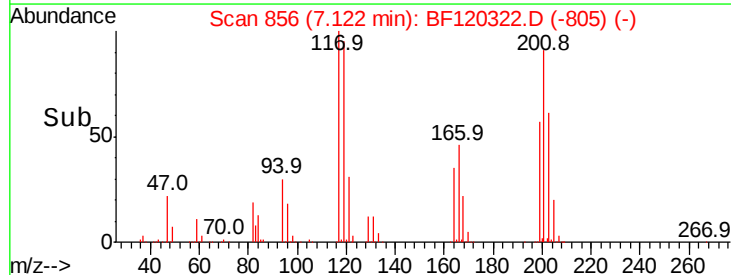
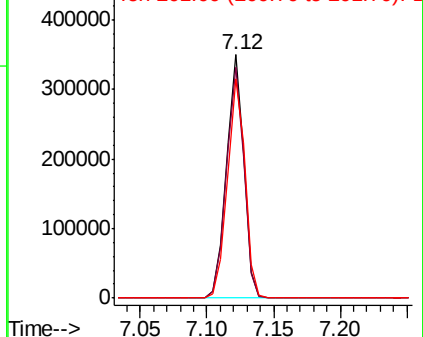


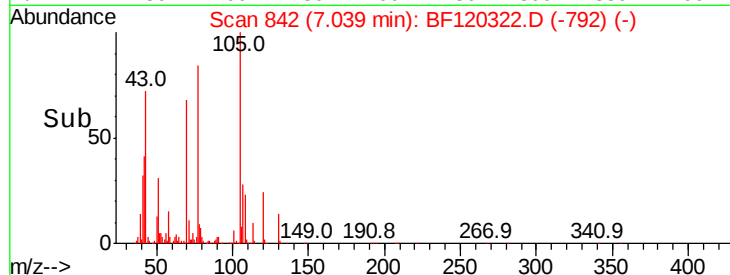
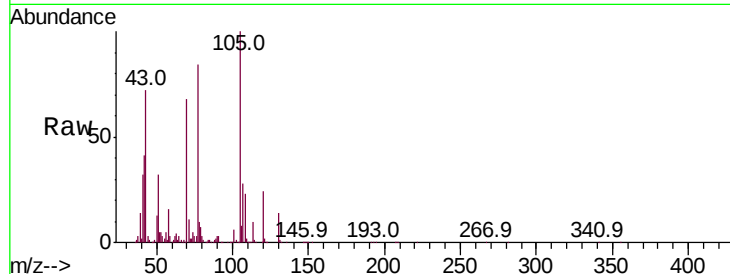
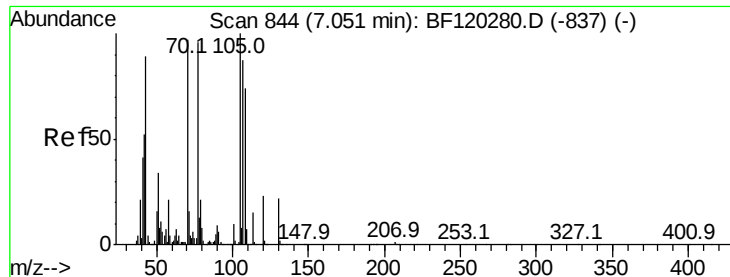
Abundance

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

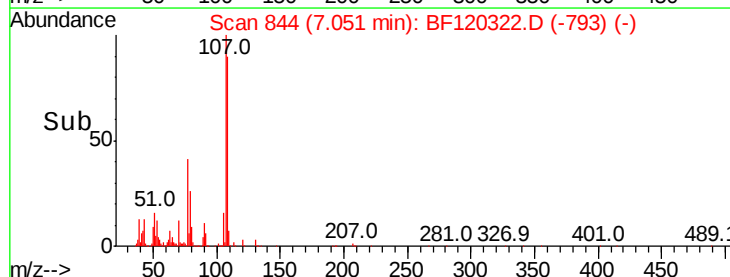
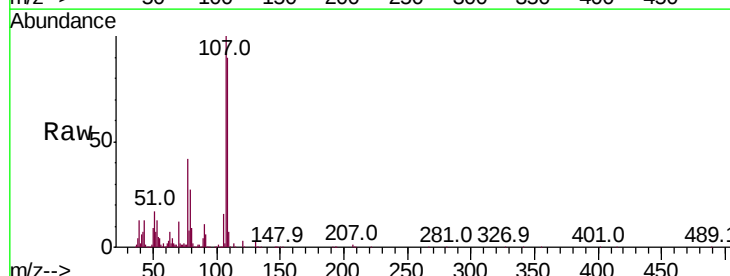
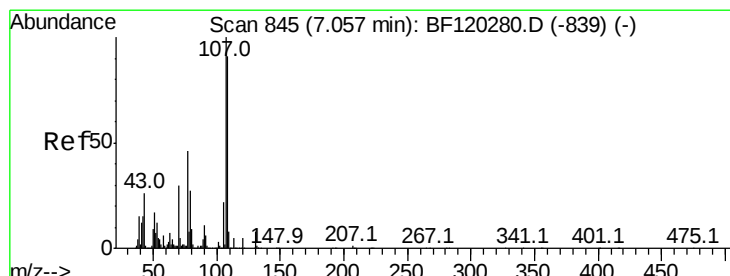
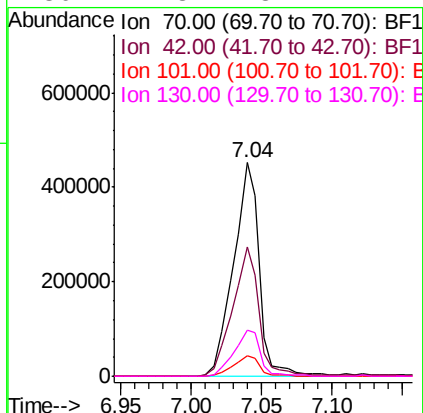




#19
n-Nitroso-di-n-propylamine
Concen: 43.277 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

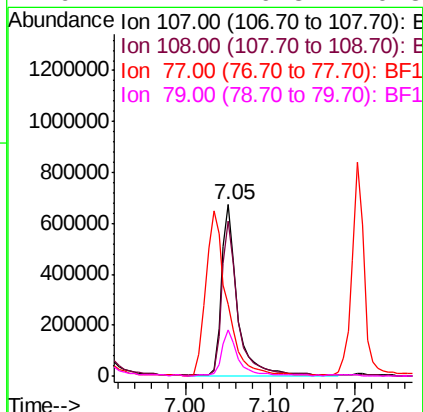
Instrument :
BNA_F
ClientSampleId :
TP-B-DMSD

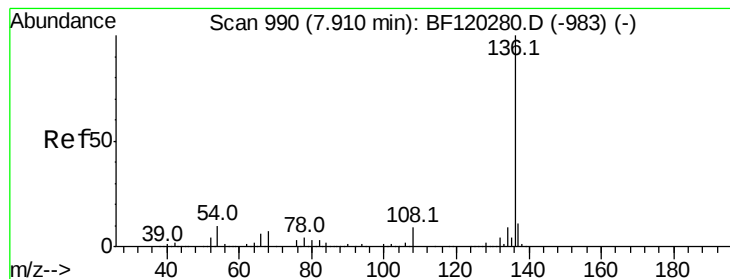
Tot Ion:	70	Resp:	573174
Ion	Ratio	Lower	Upper
70	100		
42	60.8	43.4	65.0
101	9.4	7.8	11.8
130	21.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.973 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

Tgt Ion:	107	Resp:	879140
Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.1	111.1
77	41.7	28.1	68.1
79	27.1	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

Tot Ion:136 Resp: 1186920

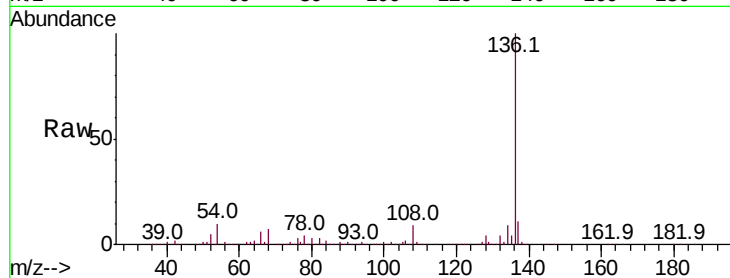
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 10.2 7.9 11.9

68 6.6 5.4 8.2

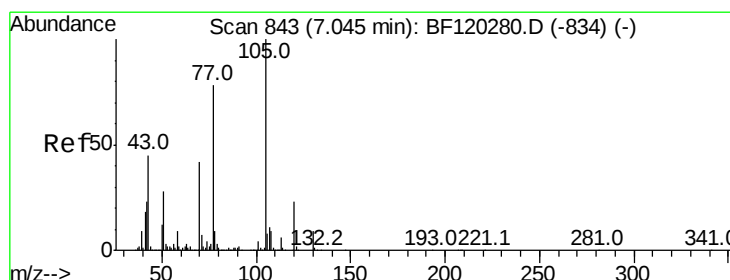
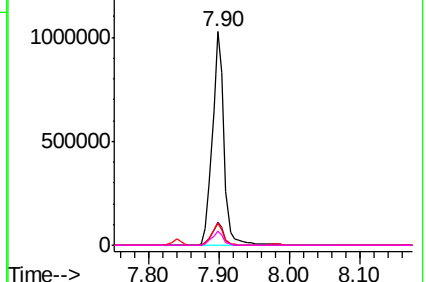
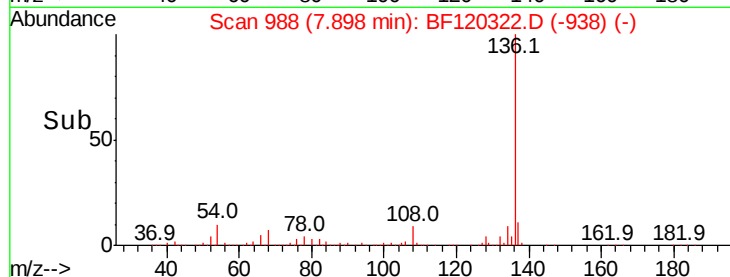


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.860 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Tgt Ion:105 Resp: 1139417

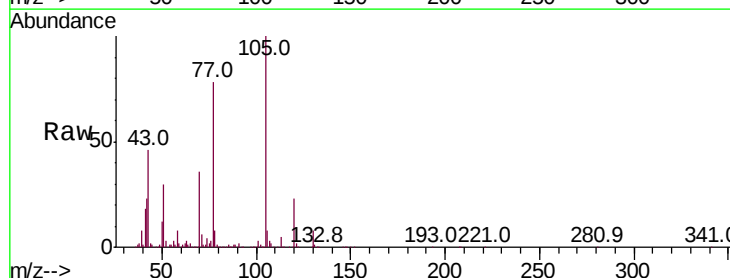
Ion Ratio Lower Upper

105 100

71 6.3 5.6 8.4

51 29.7 22.6 34.0

120 23.1 18.7 28.1

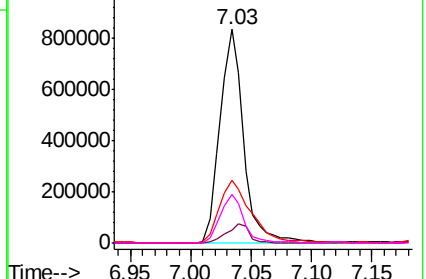
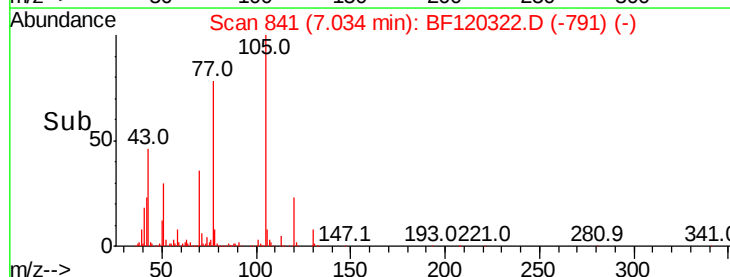


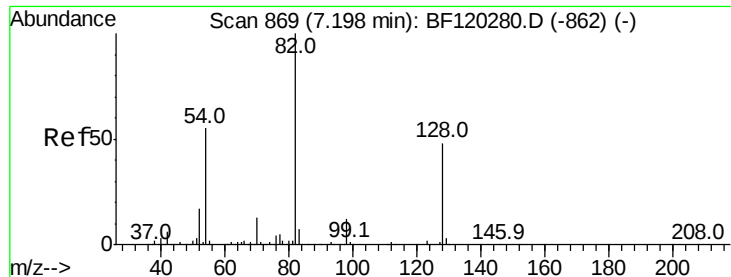
Abundance Ion 105.00 (104.70 to 105.70): E

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

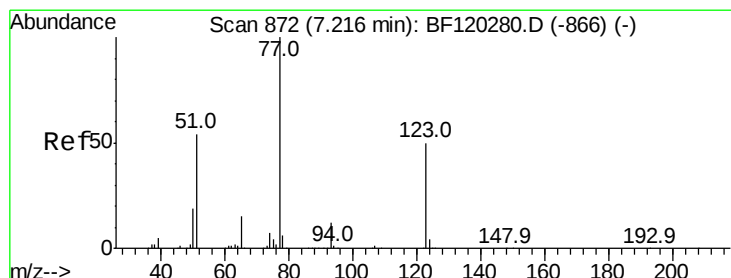
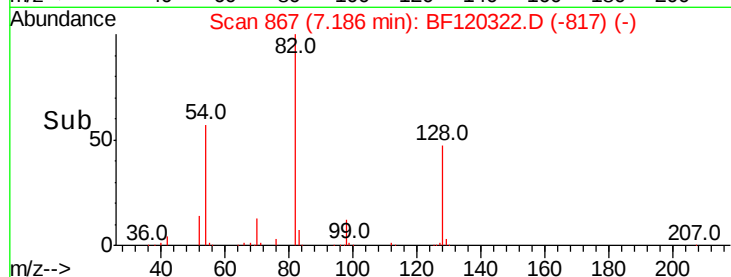
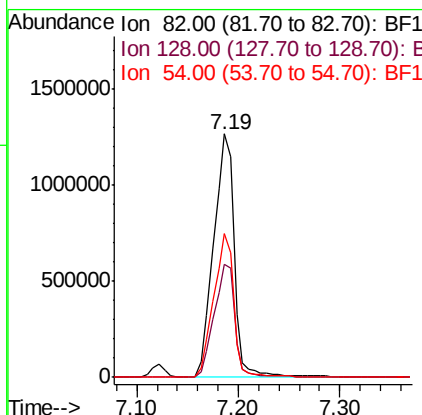
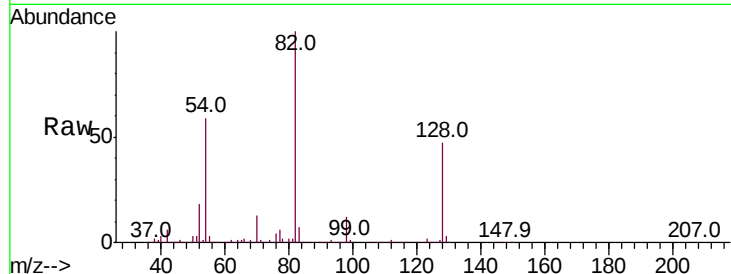




#23
 Nitrobenzene-d5
 Concen: 103.900 ng
 RT: 7.19 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

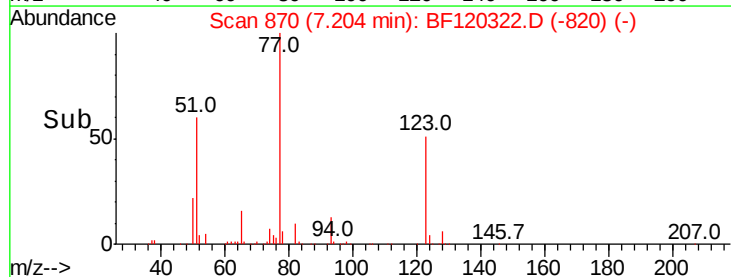
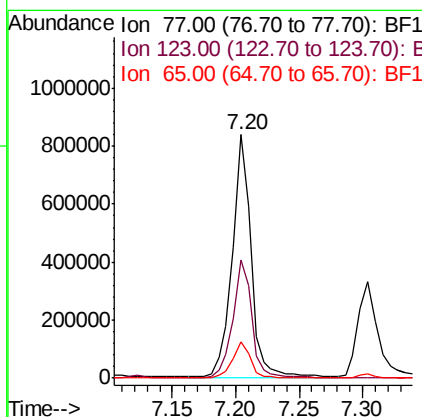
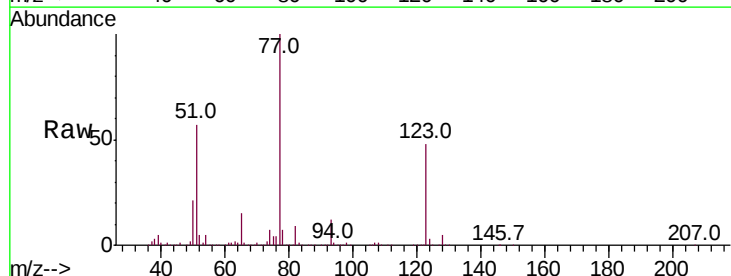
Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMSD

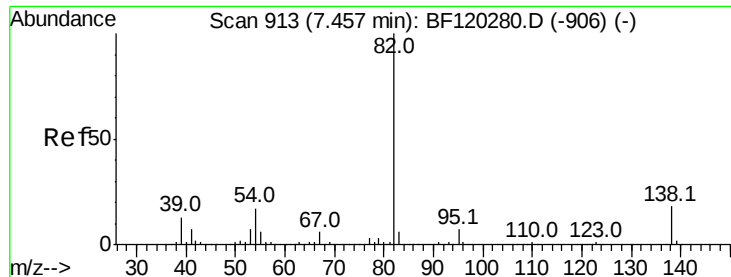
Tot Ion: 82 Resp: 1801186
 Ion Ratio Lower Upper
 82 100
 128 46.6 38.3 57.5
 54 58.9 43.9 65.9



#24
 Nitrobenzene
 Concen: 46.398 ng
 RT: 7.20 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

Tgt Ion: 77 Resp: 865642
 Ion Ratio Lower Upper
 77 100
 123 48.4 40.0 60.0
 65 14.9 11.7 17.5





#25

Isophorone

Concen: 43.695 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

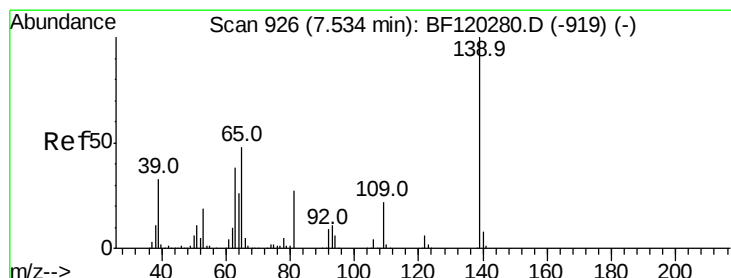
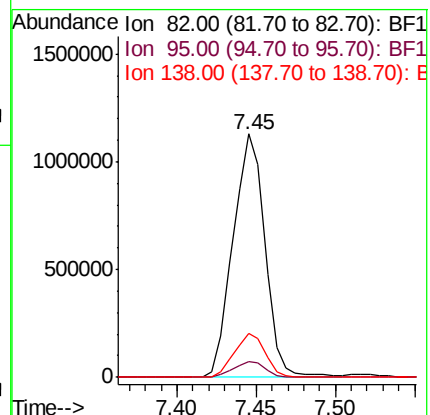
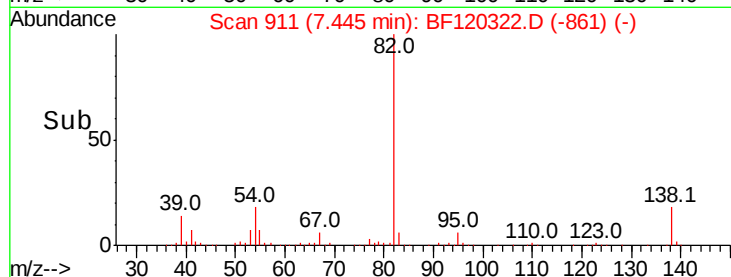
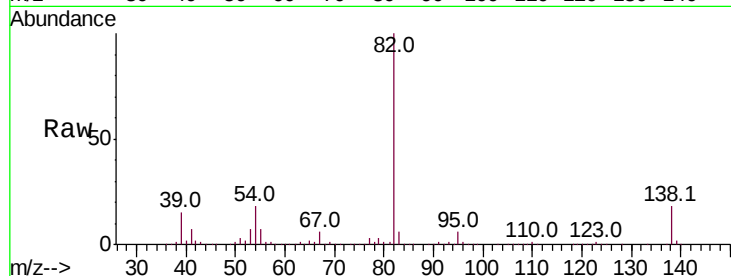
Tot Ion: 82 Resp: 1576101

Ion Ratio Lower Upper

82 100

95 6.2 5.4 8.0

138 17.9 14.7 22.1



#26

2-Nitrophenol

Concen: 45.652 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

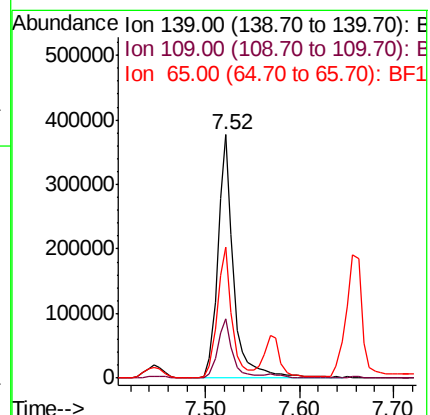
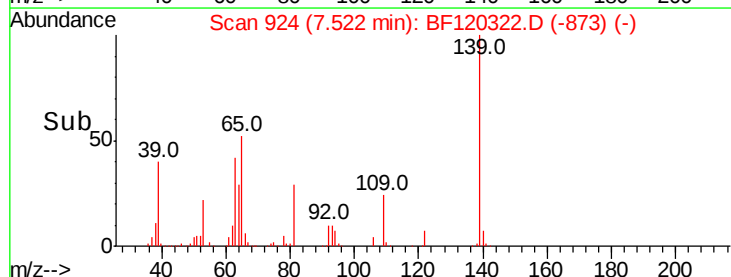
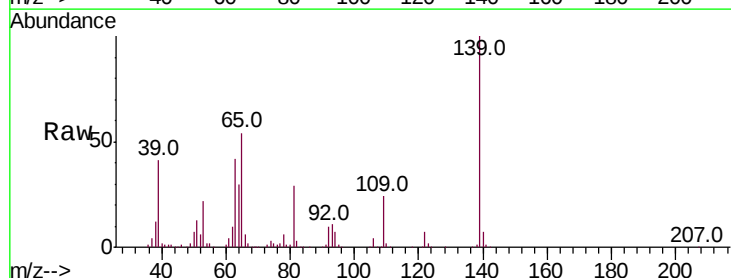
Tgt Ion: 139 Resp: 445457

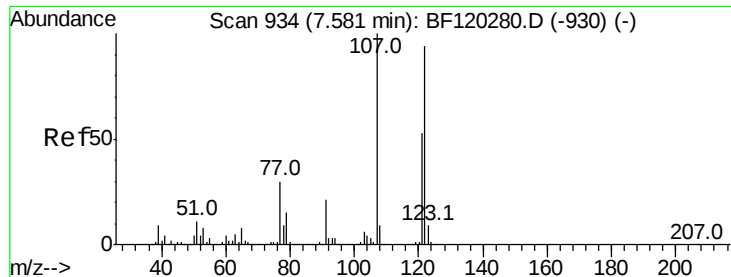
Ion Ratio Lower Upper

139 100

109 24.4 17.7 26.5

65 53.7 38.3 57.5

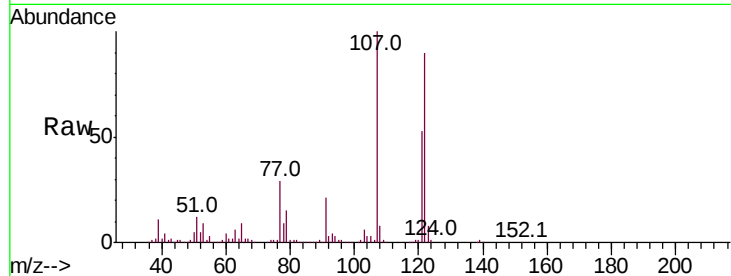




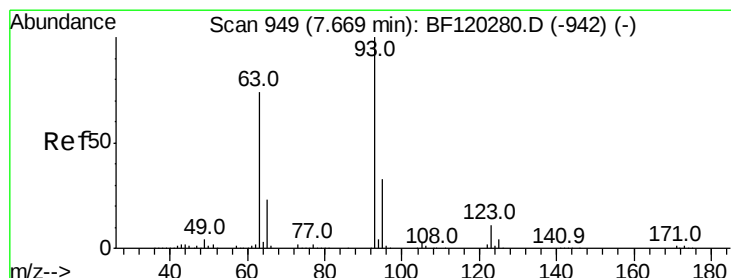
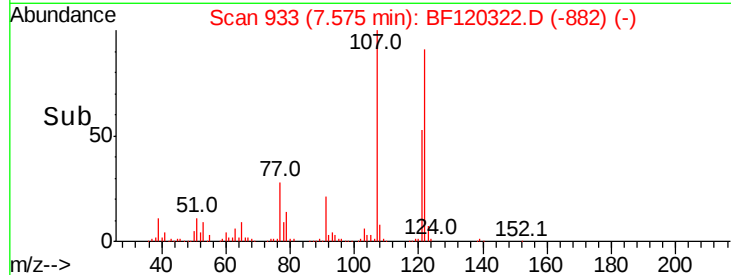
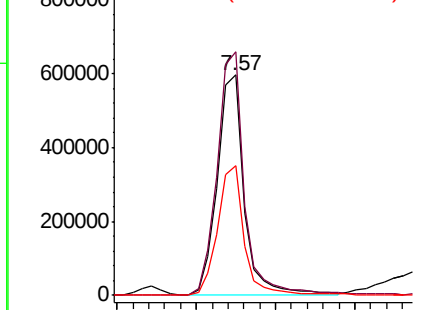
#27
2,4-Dimethylphenol
Concen: 49.248 ng
RT: 7.57 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
TP-B-DMSD

Tot Ion:122 Resp: 699030
Ion Ratio Lower Upper
122 100
107 110.5 85.0 127.6
121 58.6 45.1 67.7

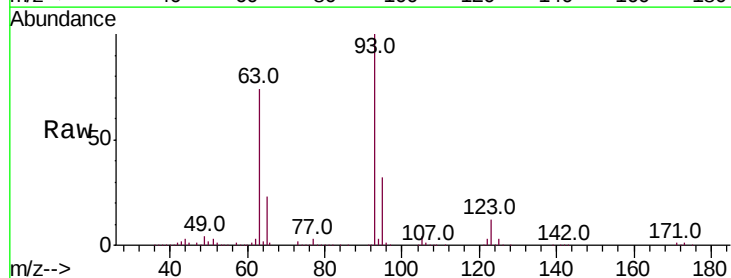


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

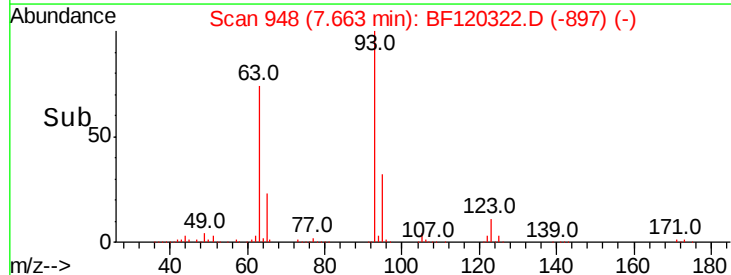
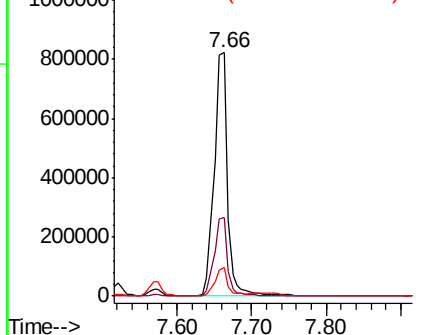


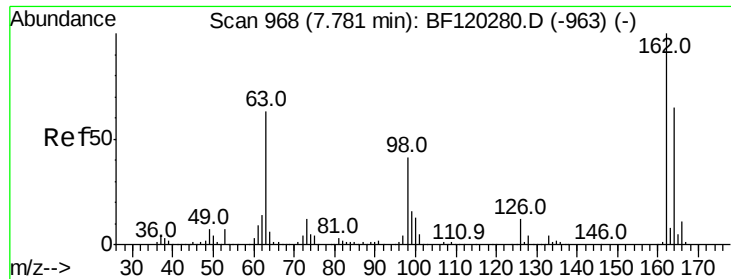
#28
bis(2-Chloroethoxy)methane
Concen: 44.690 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

Tgt Ion: 93 Resp: 1013208
Ion Ratio Lower Upper
93 100
95 32.2 26.8 40.2
123 11.7 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

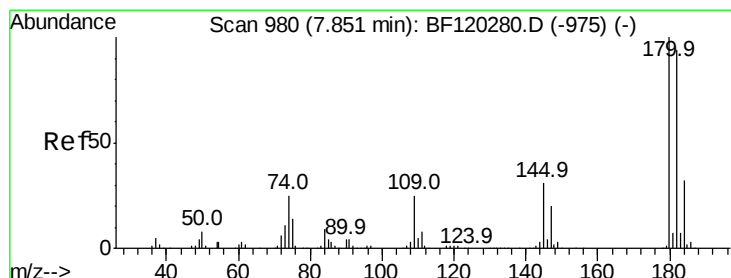
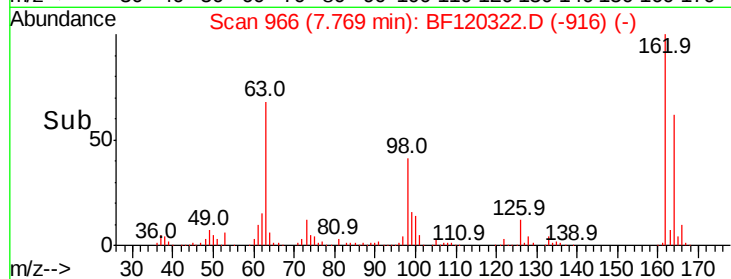
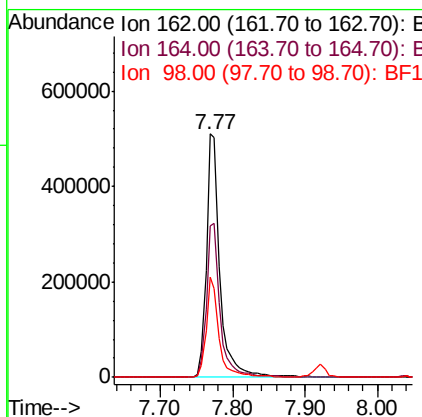
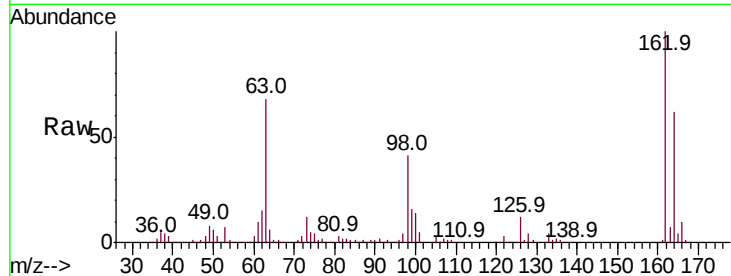




#29
 2,4-Dichlorophenol
 Concen: 45.606 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

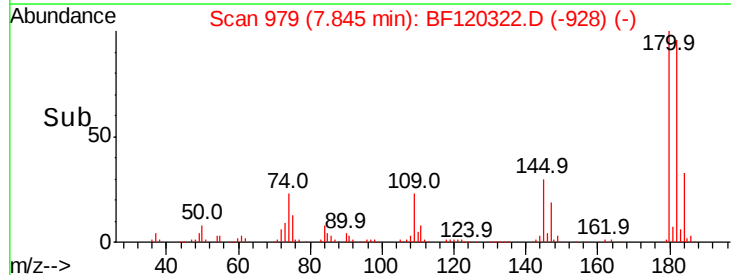
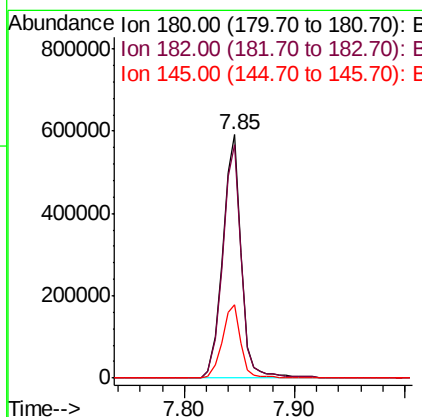
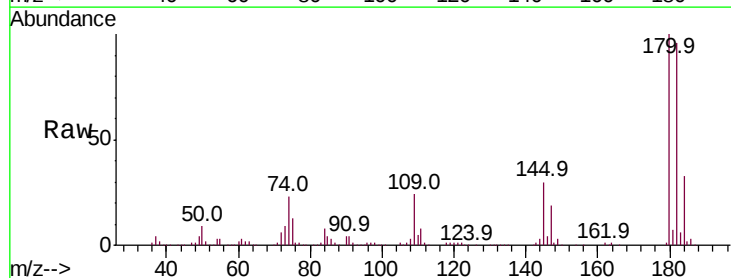
Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMSD

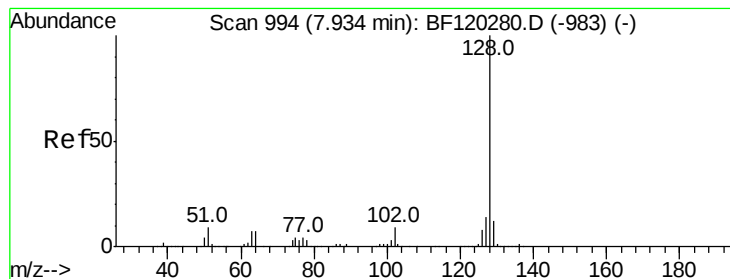
Tot Ion:	162	Resp:	664838
Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.9	84.9
98	41.0	20.7	60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 42.940 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

Tgt Ion:	180	Resp:	693685
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.3	112.9
145	30.2	24.9	37.3





#31

Naphthalene

Concen: 45.938 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

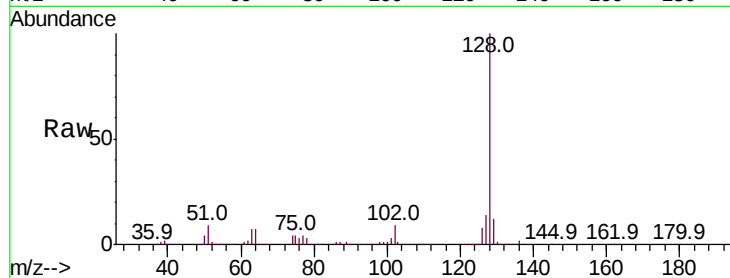
Tot Ion:128 Resp: 2301171

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

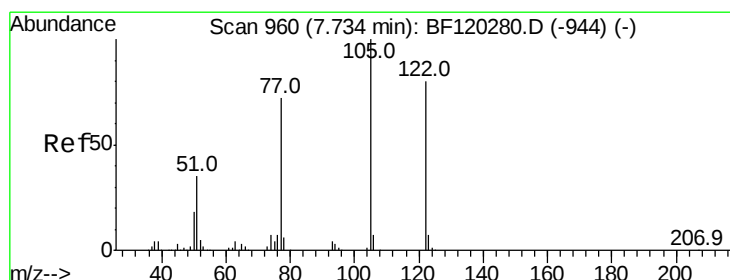
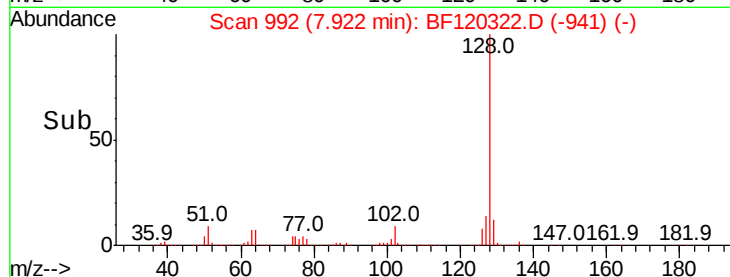
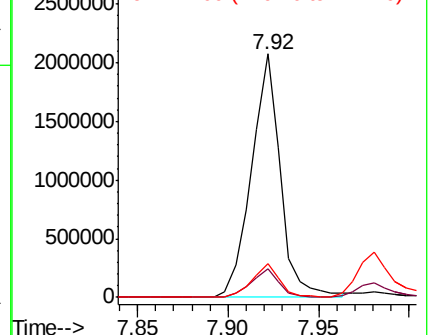
127 13.8 11.2 16.8



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: 47.256 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.01 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

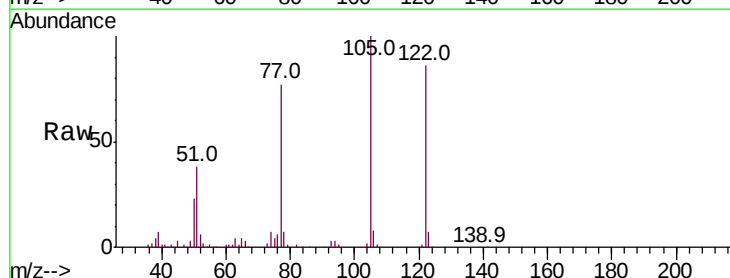
Tgt Ion:122 Resp: 439664

Ion Ratio Lower Upper

122 100

105 116.3 98.1 138.1

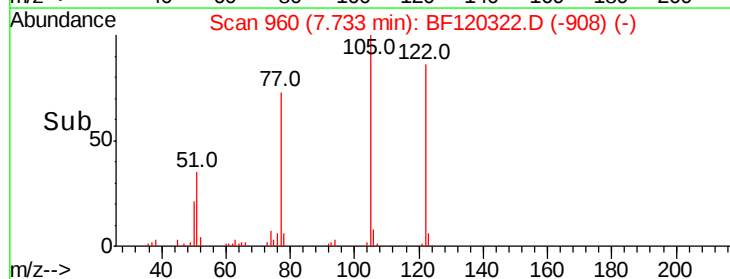
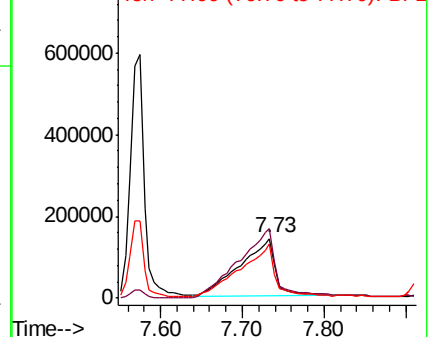
77 90.0 66.7 106.7

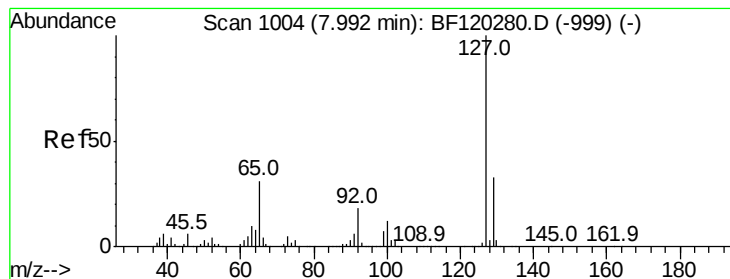


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 24.400 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

Tot Ion:127 Resp: 557013

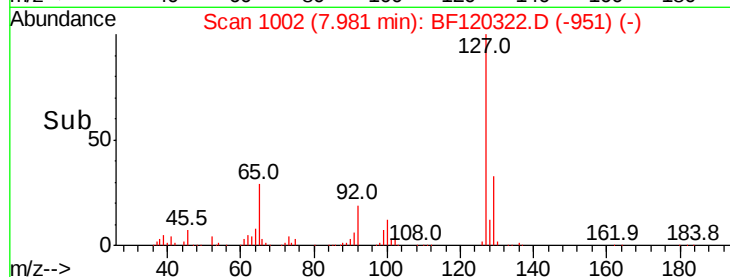
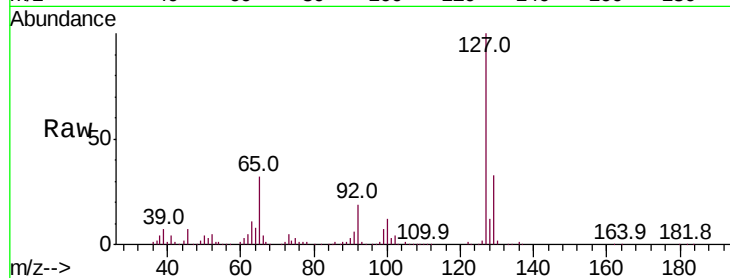
Ion Ratio Lower Upper

127 100

129 33.3 26.4 39.6

65 31.5 24.8 37.2

92 18.9 14.5 21.7

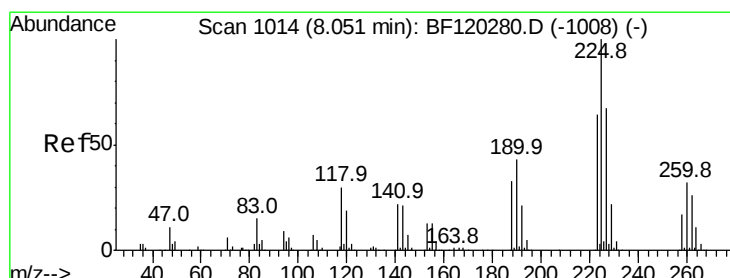
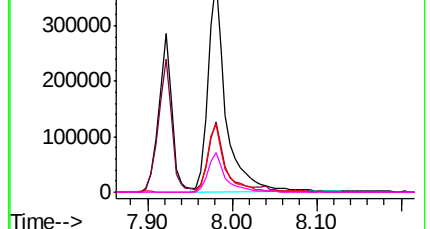


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.671 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

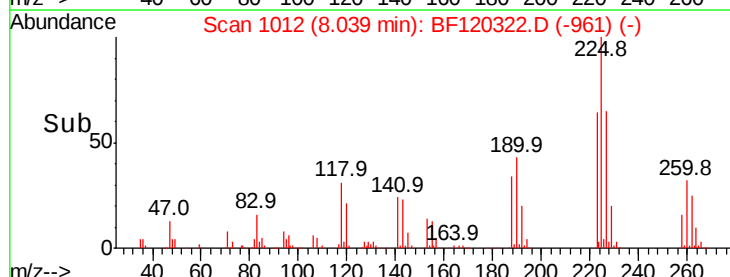
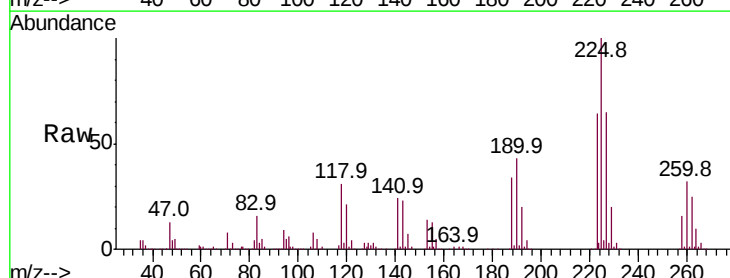
Tgt Ion:225 Resp: 389094

Ion Ratio Lower Upper

225 100

223 63.9 51.4 77.0

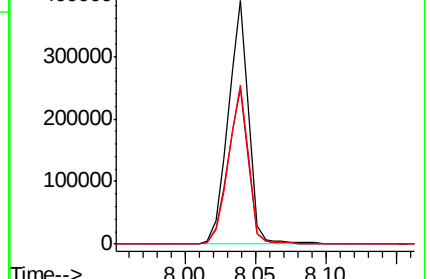
227 65.2 54.0 81.0

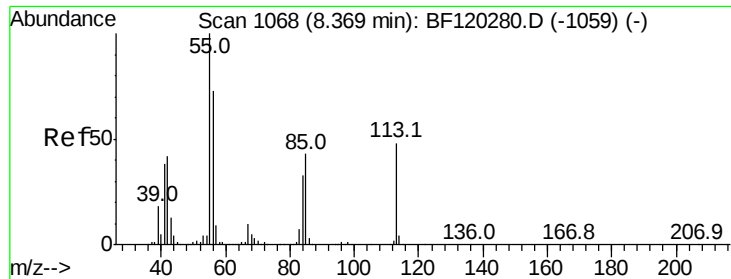


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.506 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

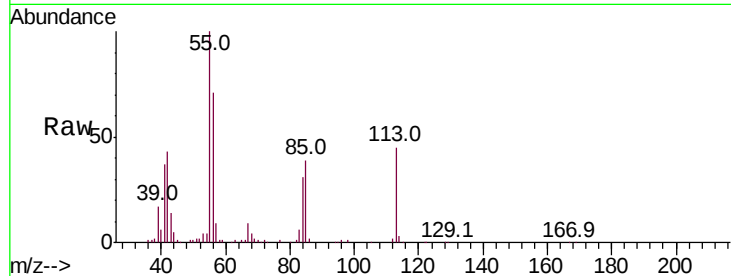
Tot Ion:113 Resp: 121643

Ion Ratio Lower Upper

113 100

55 223.8 190.4 230.4

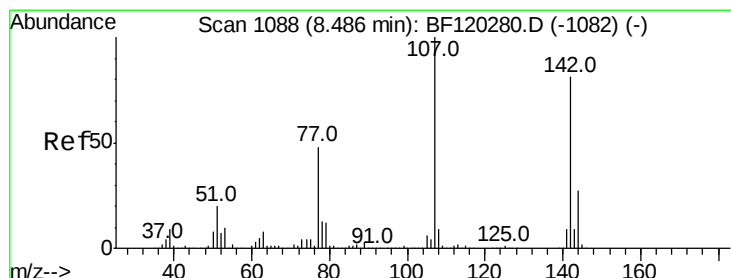
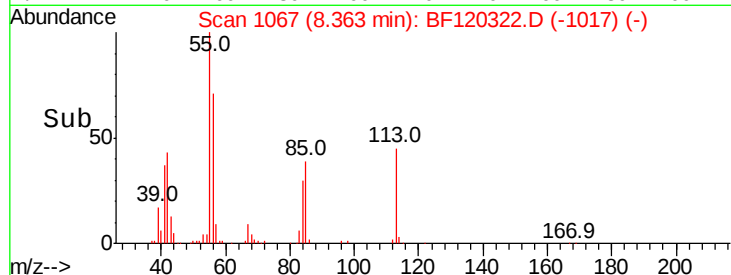
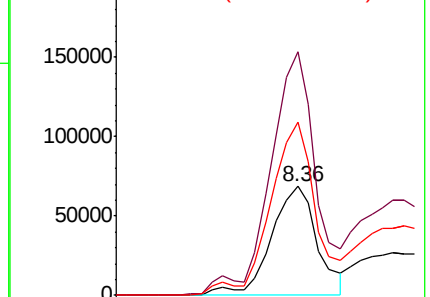
56 158.9 132.7 172.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.278 ng

RT: 8.48 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

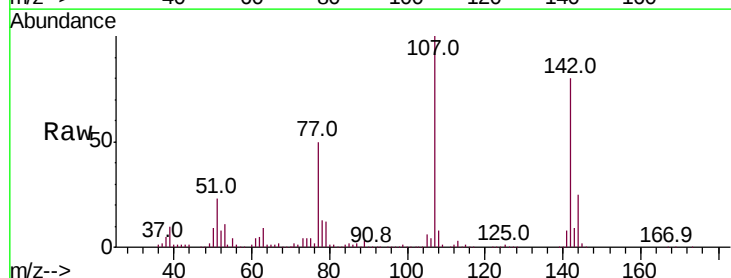
Tgt Ion:107 Resp: 714049

Ion Ratio Lower Upper

107 100

144 25.3 21.4 32.2

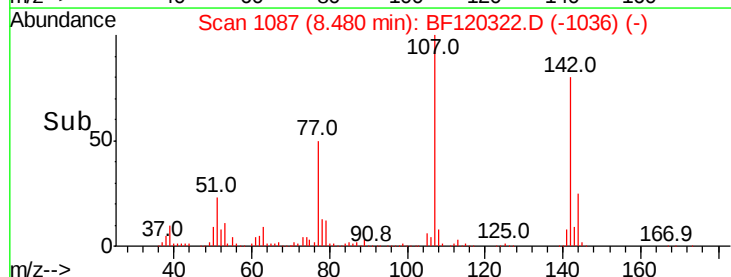
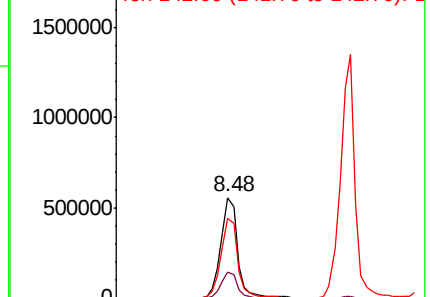
142 79.9 65.1 97.7

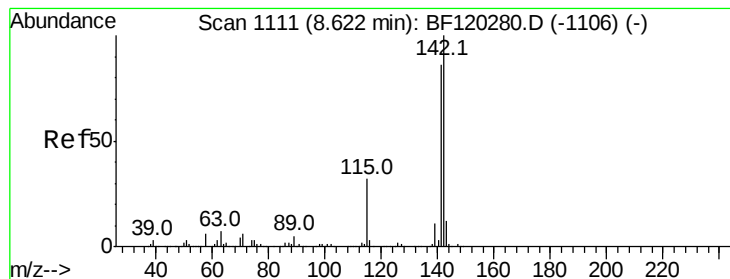


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.626 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

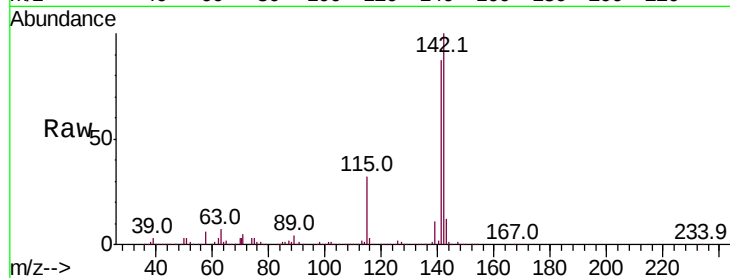
Tot Ion:142 Resp: 1529777

Ion Ratio Lower Upper

142 100

141 87.1 68.8 103.2

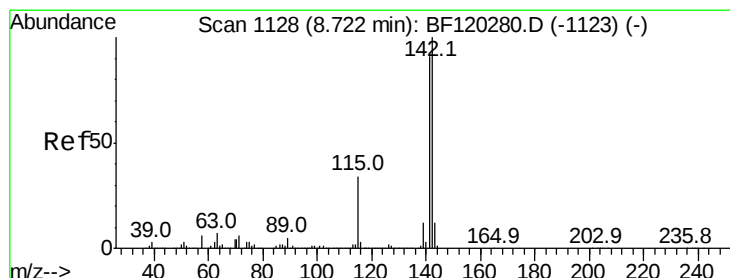
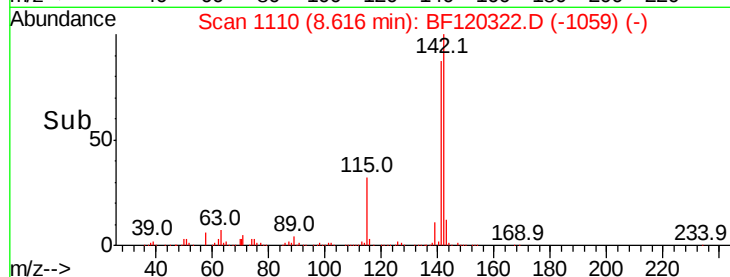
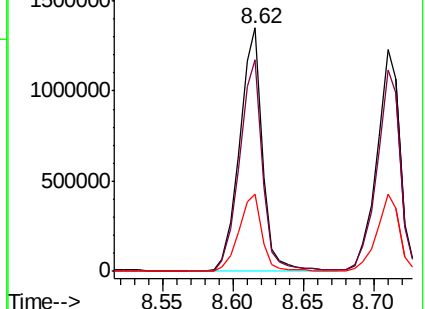
115 31.6 25.7 38.5



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: 43.696 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

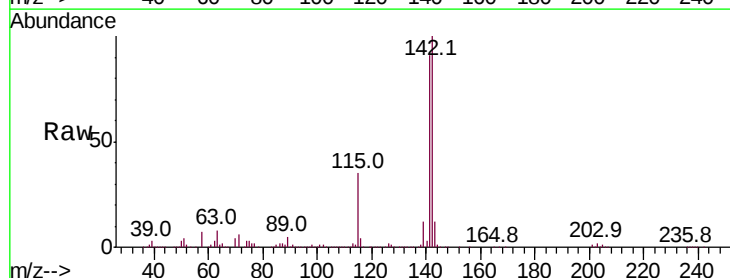
Tgt Ion:142 Resp: 1452806

Ion Ratio Lower Upper

142 100

141 90.8 73.0 109.6

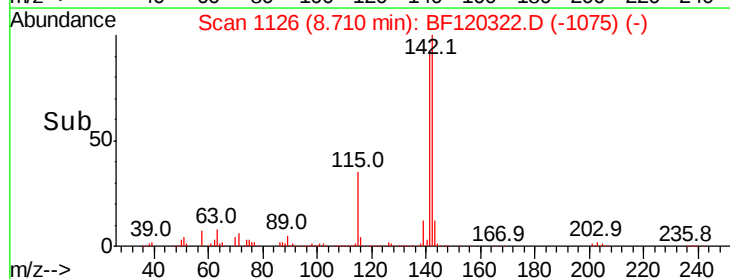
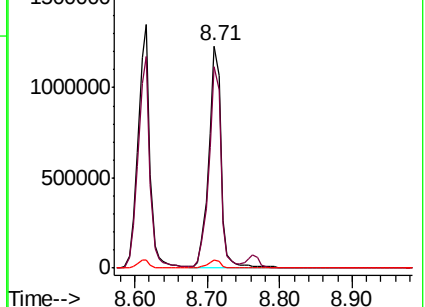
116 3.5 2.7 4.1

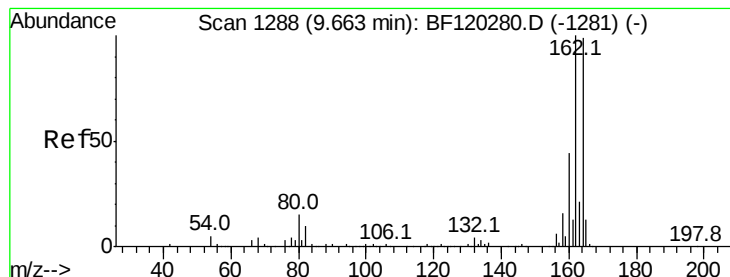


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

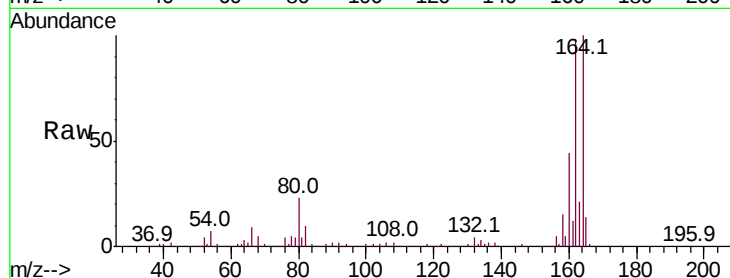
Tot Ion:164 Resp: 615016

Ion Ratio Lower Upper

164 100

162 98.3 81.2 121.8

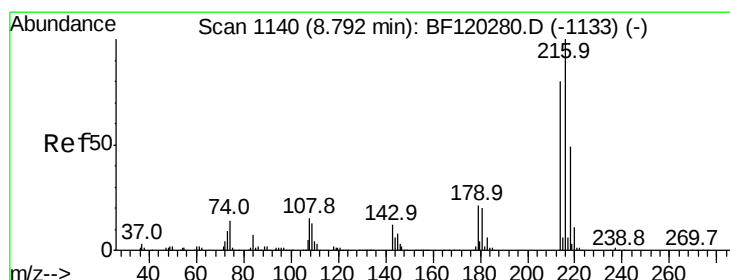
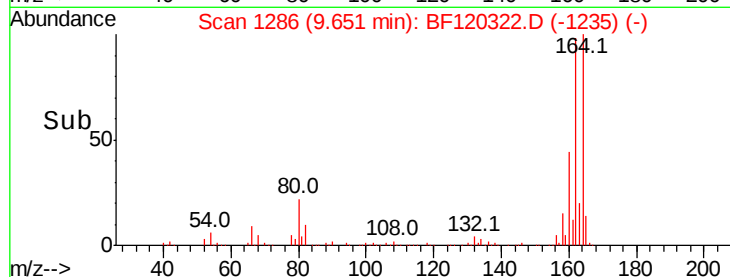
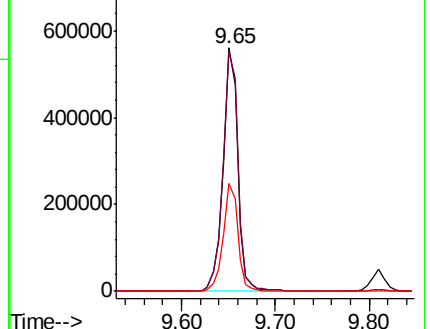
160 44.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.575 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Tgt Ion:216 Resp: 675753

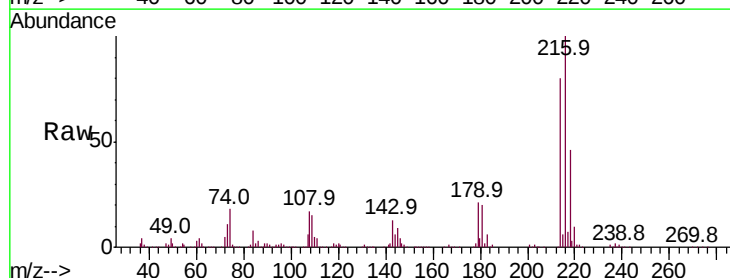
Ion Ratio Lower Upper

216 100

214 80.0 64.0 96.0

179 20.6 16.9 25.3

108 19.6 14.2 21.2

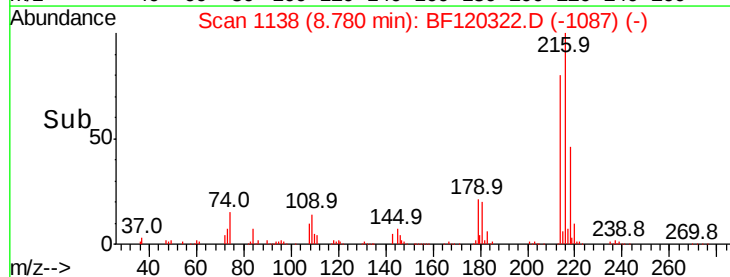
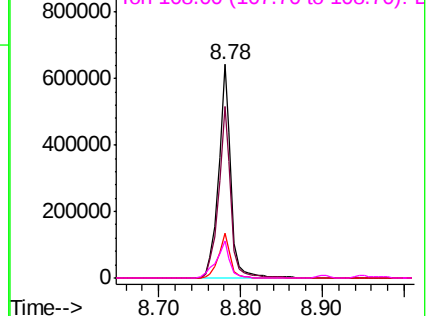


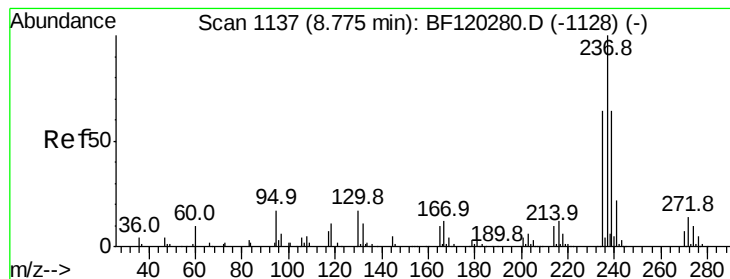
Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.441 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

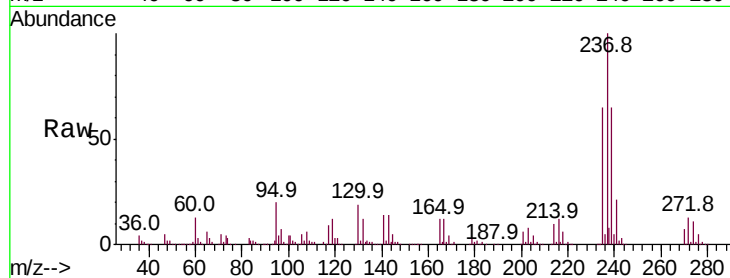
Tot Ion:237 Resp: 563668

Ion Ratio Lower Upper

237 100

235 65.2 43.8 83.8

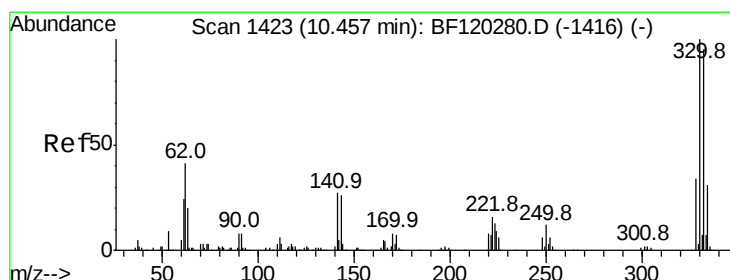
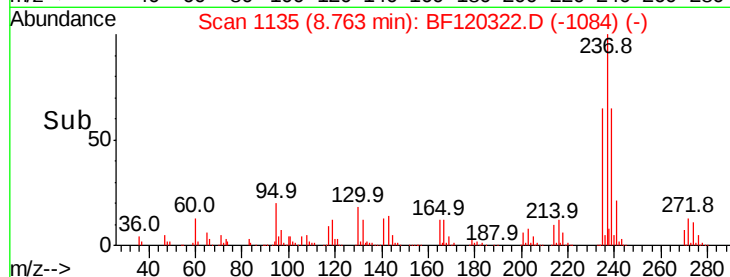
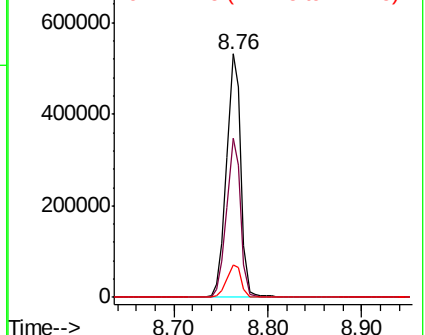
272 13.2 0.0 33.9



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: 147.420 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

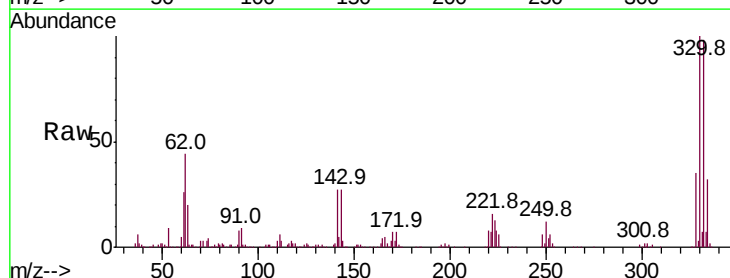
Tgt Ion:330 Resp: 739242

Ion Ratio Lower Upper

330 100

332 94.6 76.5 114.7

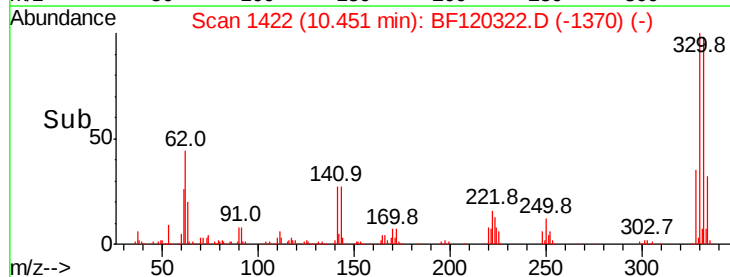
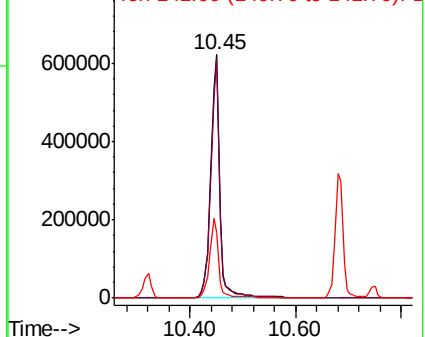
141 31.5 25.4 38.0

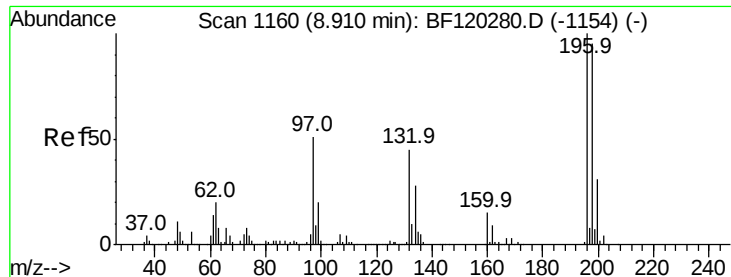


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

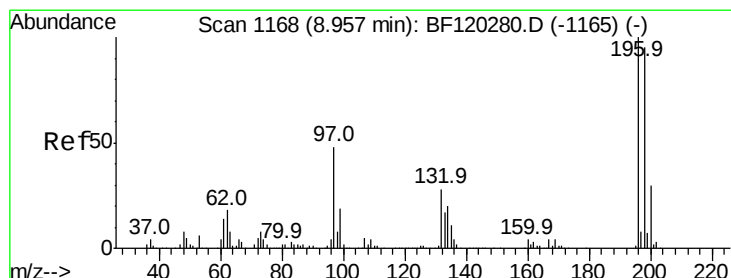
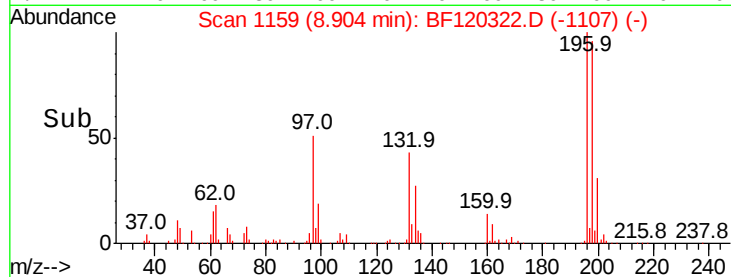
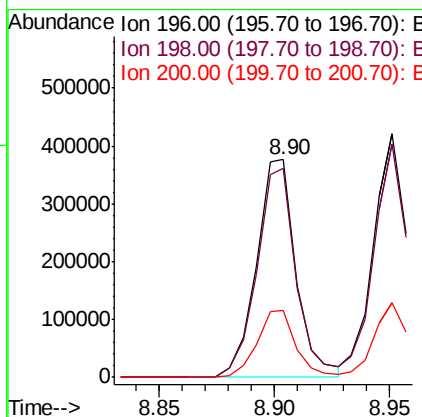
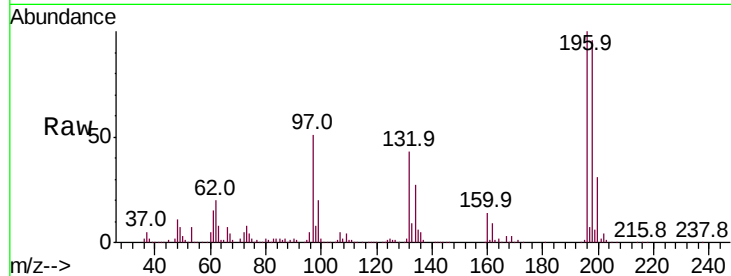




#43
 2,4,6-Trichlorophenol
 Concen: 43.229 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. 0.01 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

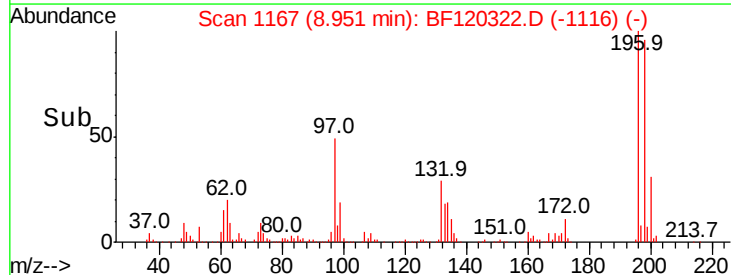
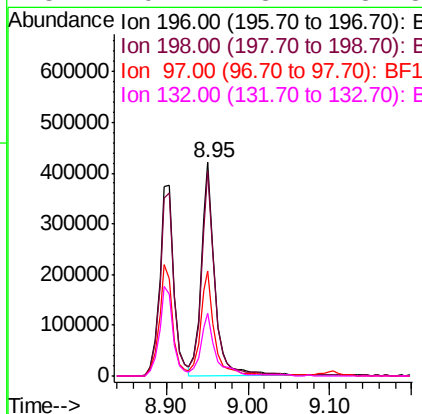
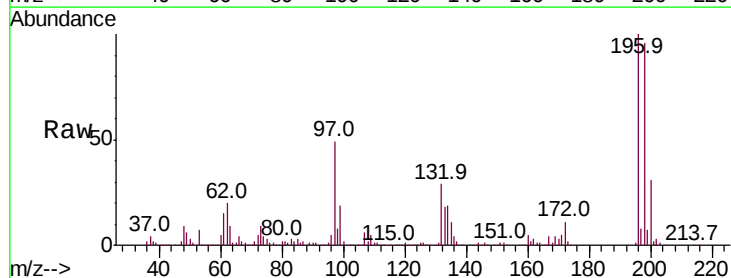
Instrument :
 BNA_F
 ClientSampleID :
 TP-B-DMSD

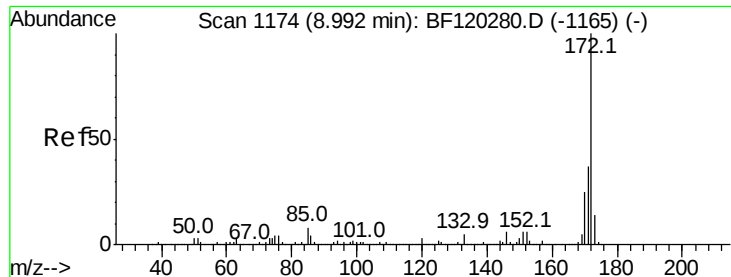
Tot Ion:196 Resp: 449999
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.2 114.4
 200 30.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.212 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

Tgt Ion:196 Resp: 492672
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.2 114.4
 97 49.3 38.6 57.8
 132 29.1 23.2 34.8



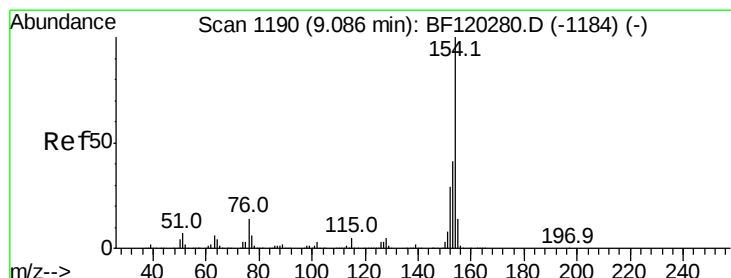
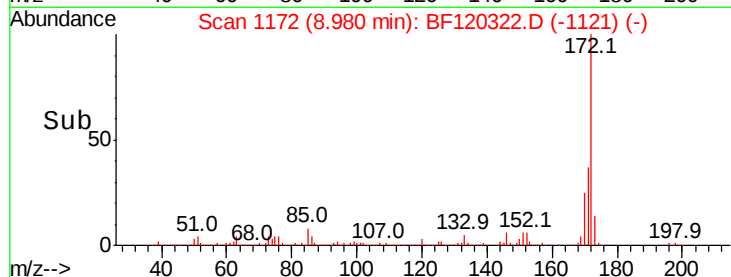
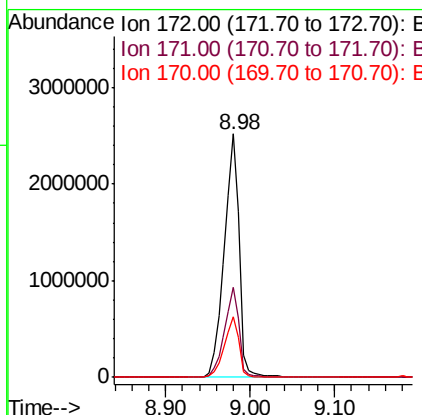
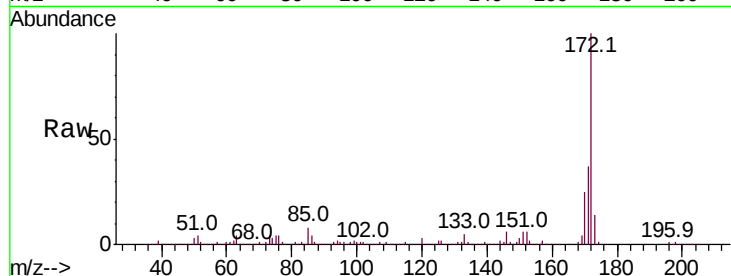


#45
 2-Fluorobiphenyl
 Concen: 103.280 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMSD

Tot Ion:172 Resp: 3091739

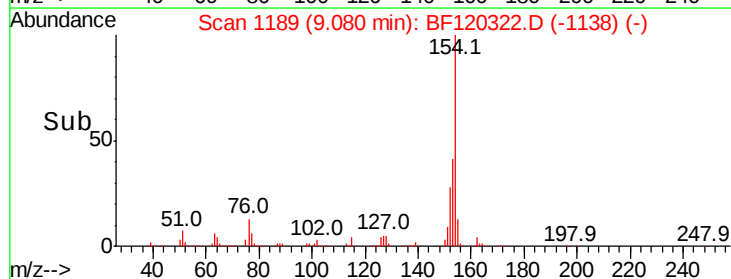
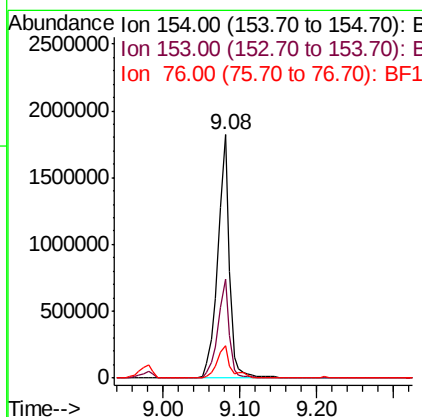
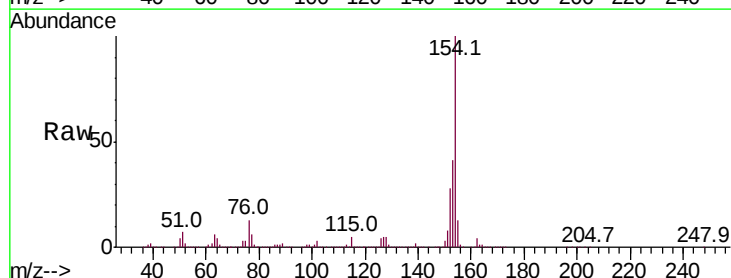
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	25.0	19.9	29.9

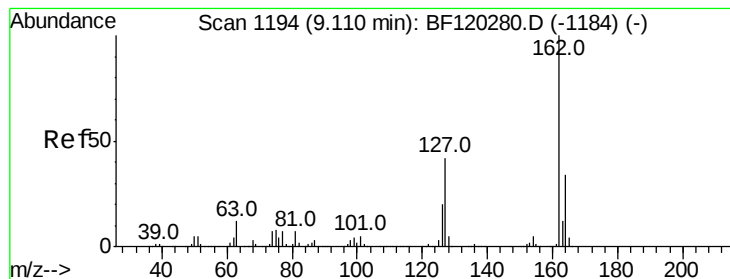


#46
 1,1'-Biphenyl
 Concen: 46.712 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

Tgt Ion:154 Resp: 1882318

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.8	60.8
76	13.2	0.0	34.3





#47

2-Chloronaphthalene

Concen: 44.473 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

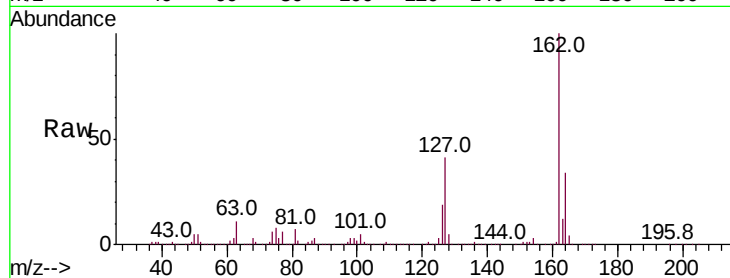
Tot Ion:162 Resp: 1437553

Ion Ratio Lower Upper

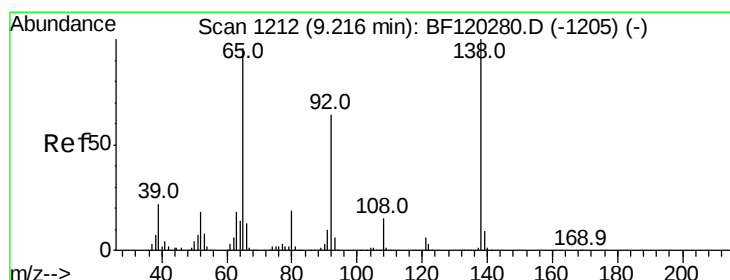
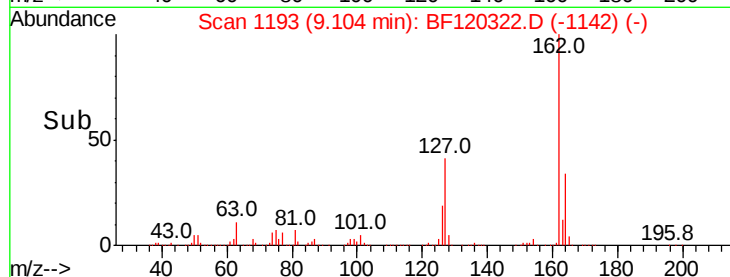
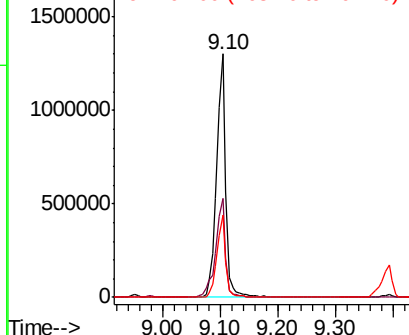
162 100

127 40.6 33.4 50.0

164 33.6 27.0 40.6



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



#48

2-Nitroaniline

Concen: 44.925 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

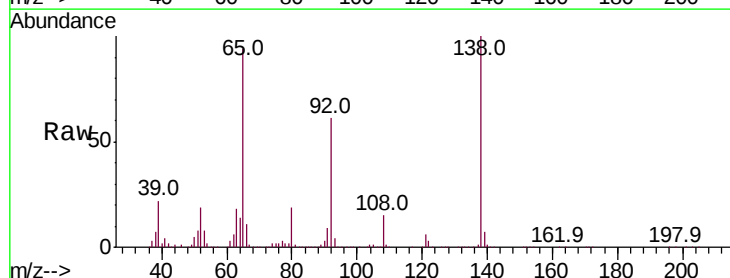
Tgt Ion: 65 Resp: 529831

Ion Ratio Lower Upper

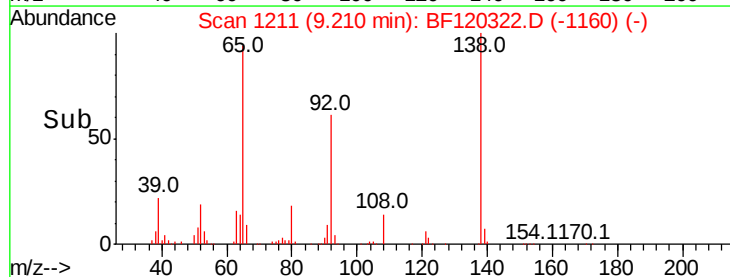
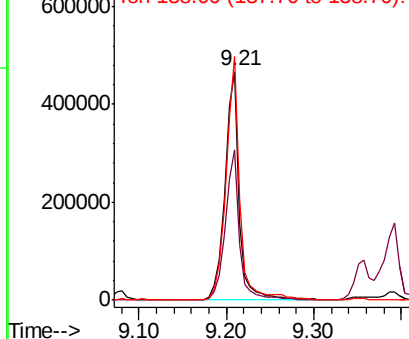
65 100

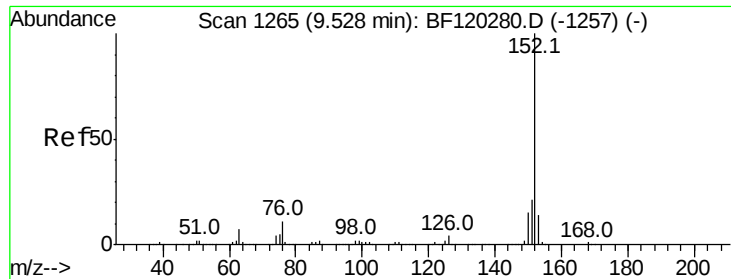
92 65.4 52.9 79.3

138 106.4 83.0 124.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.411 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

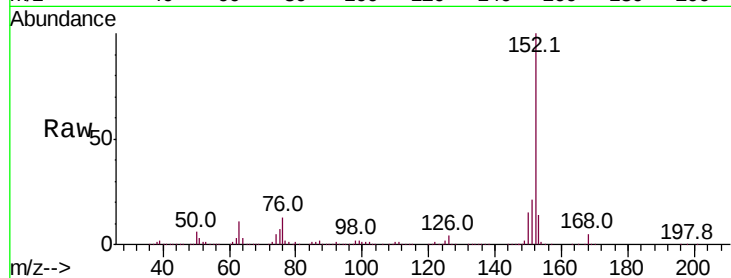
Tot Ion:152 Resp: 2242226

Ion Ratio Lower Upper

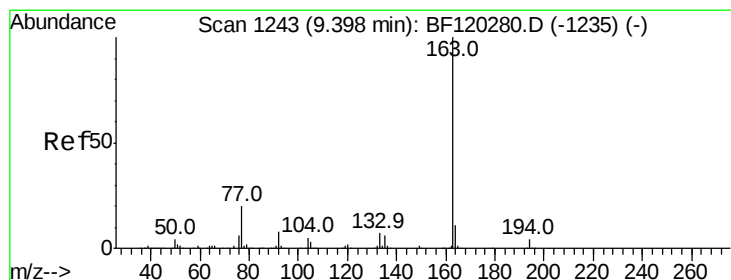
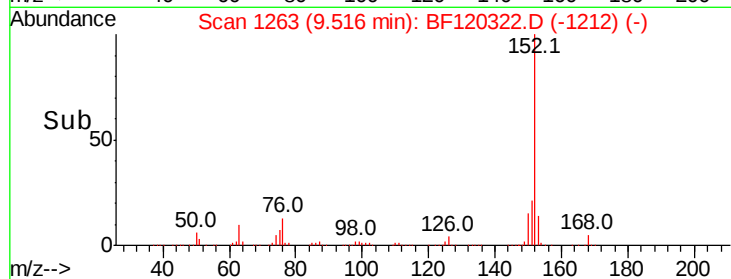
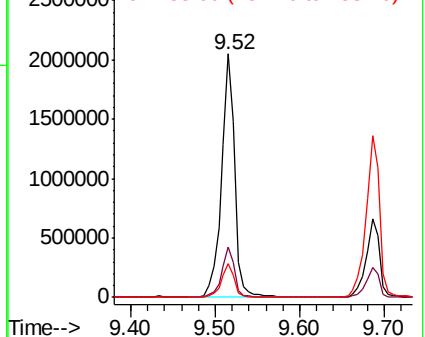
152 100

151 20.8 16.6 25.0

153 13.9 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 55.805 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

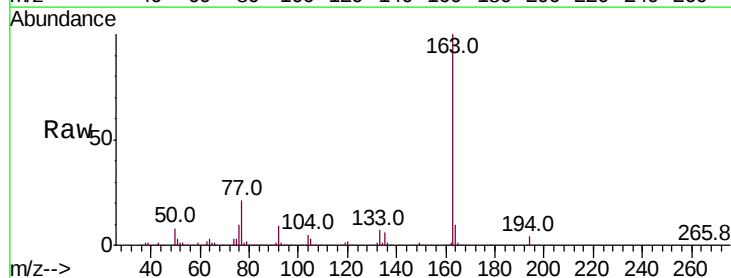
Tgt Ion:163 Resp: 2169594

Ion Ratio Lower Upper

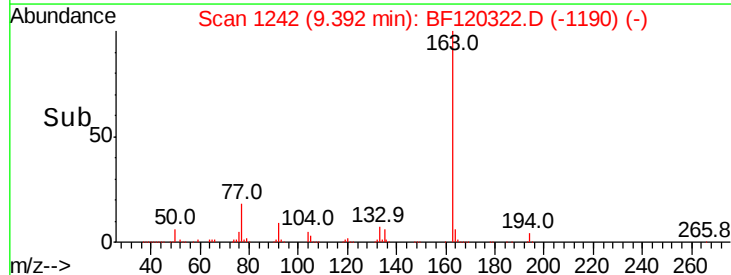
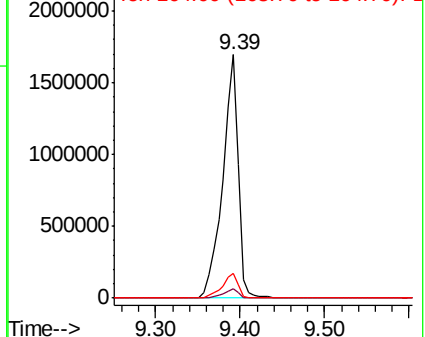
163 100

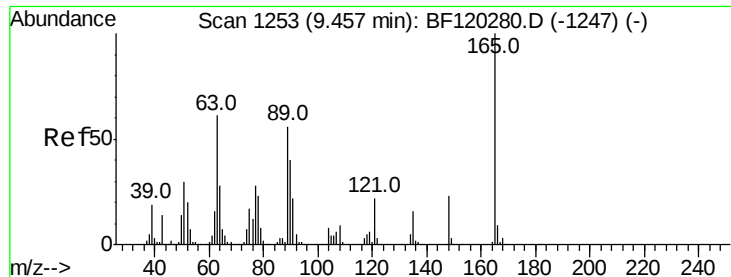
194 4.0 3.1 4.7

164 10.2 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

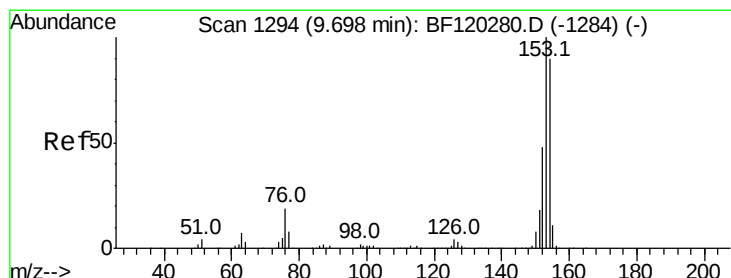
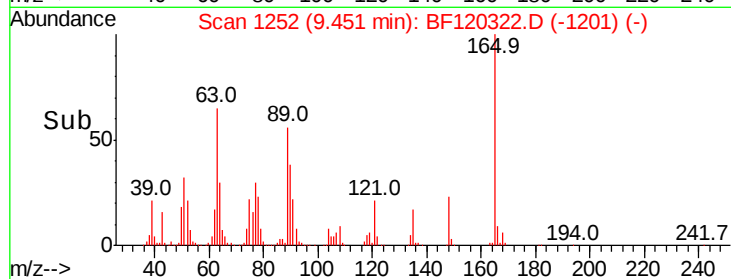
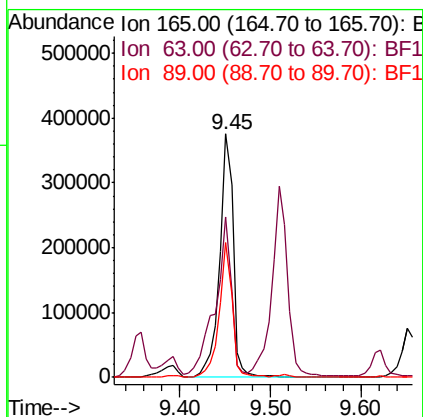
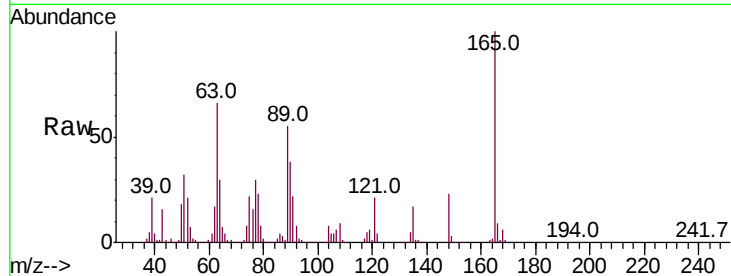




#51
 2,6-Dinitrotoluene
 Concen: 44.532 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

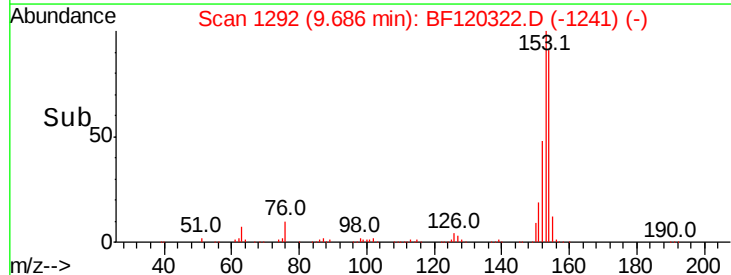
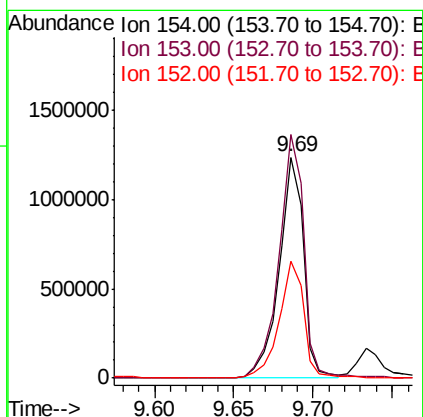
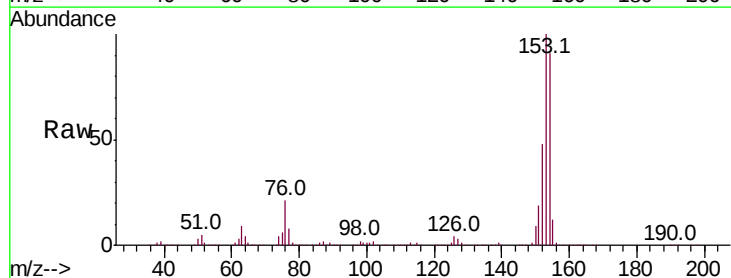
Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMSD

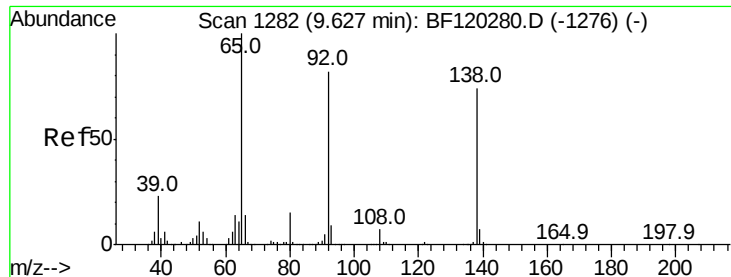
Tot Ion:165 Resp: 386409
 Ion Ratio Lower Upper
 165 100
 63 65.7 50.2 75.2
 89 55.4 44.6 66.8



#52
 Acenaphthene
 Concen: 44.573 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

Tgt Ion:154 Resp: 1319211
 Ion Ratio Lower Upper
 154 100
 153 110.1 89.0 133.4
 152 53.1 42.6 64.0

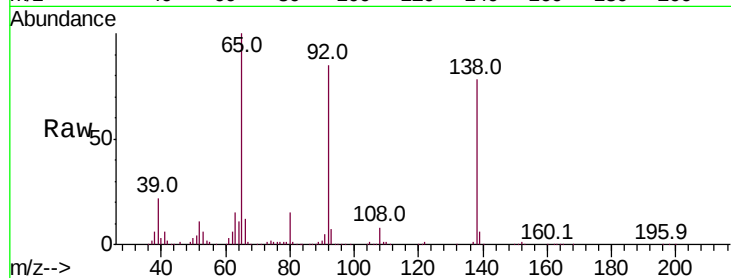




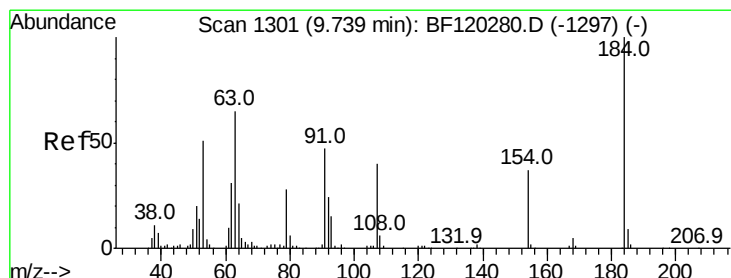
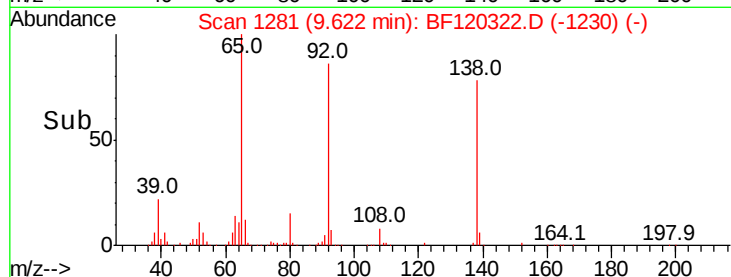
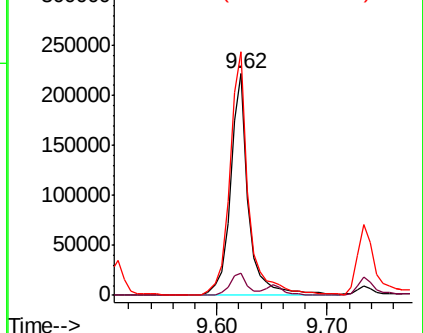
#53
3-Nitroaniline
Concen: 24.406 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
TP-B-DMSD

Tot Ion:138 Resp: 252540
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.2
92 109.8 89.6 134.4

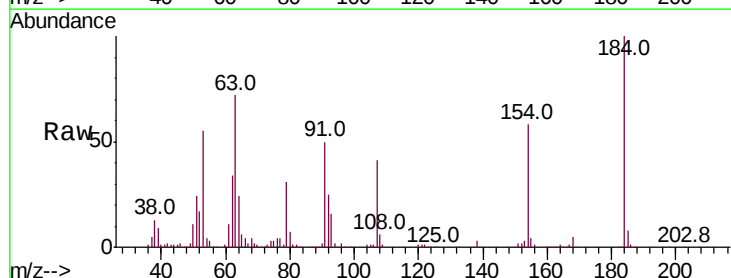


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

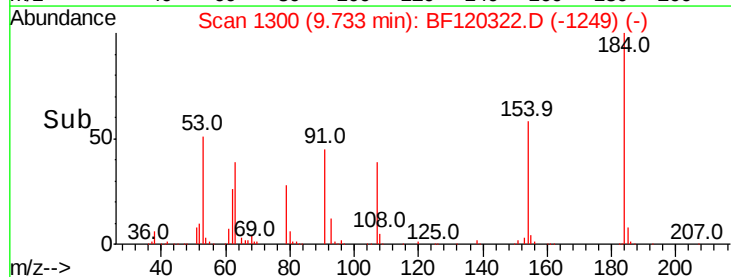
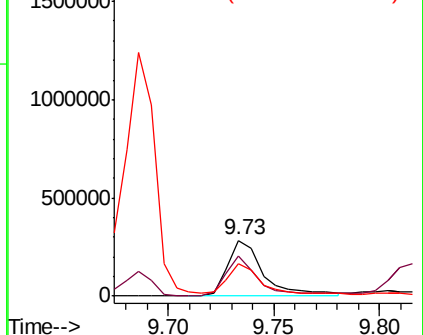


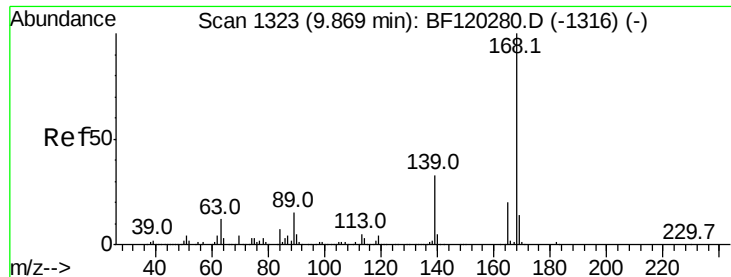
#54
2,4-Dinitrophenol
Concen: 82.102 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

Tgt Ion:184 Resp: 336283
Ion Ratio Lower Upper
184 100
63 72.2 53.6 80.4
154 58.2 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

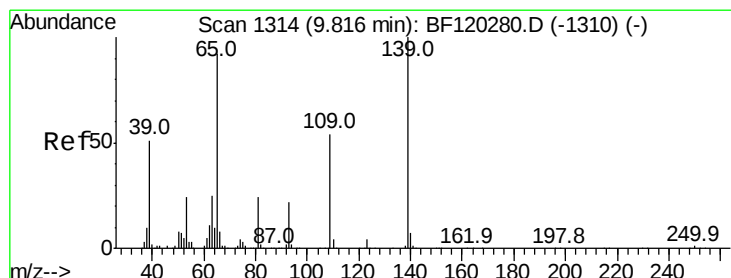
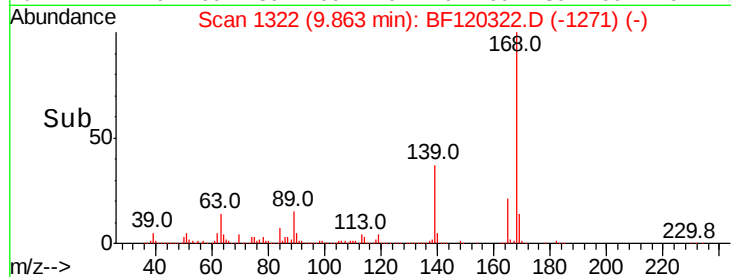
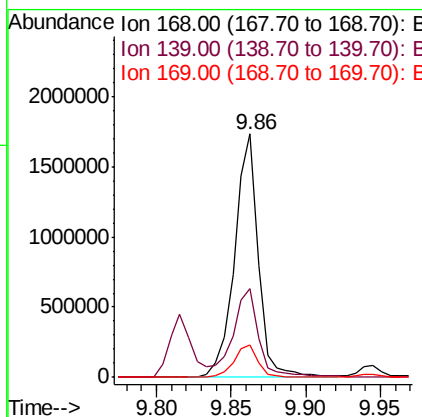
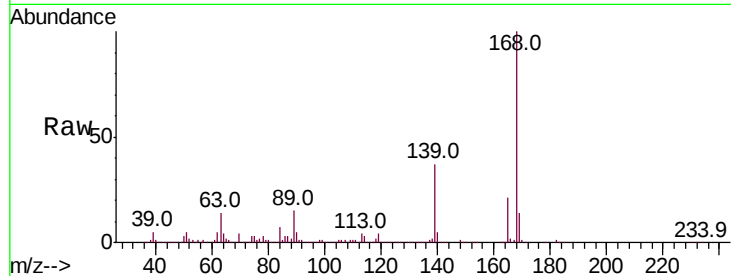




#55
Dibenzofuran
Concen: 45.352 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

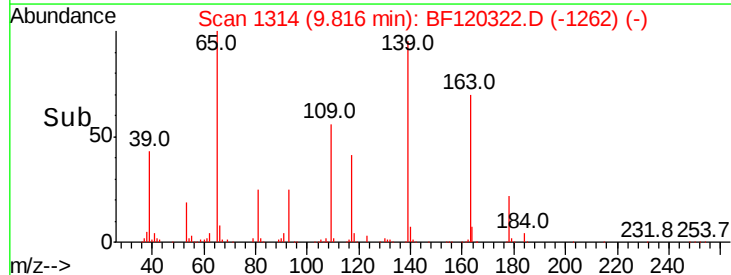
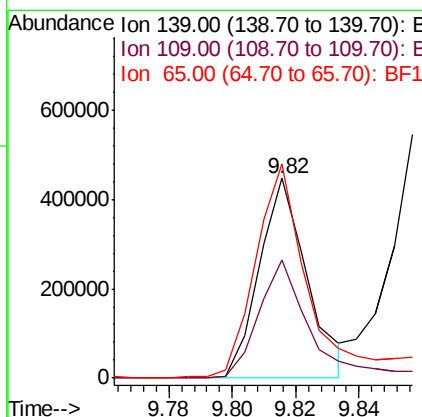
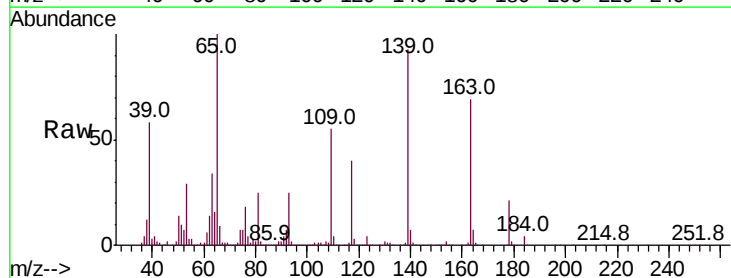
Instrument :
BNA_F
ClientSampleId :
TP-B-DMSD

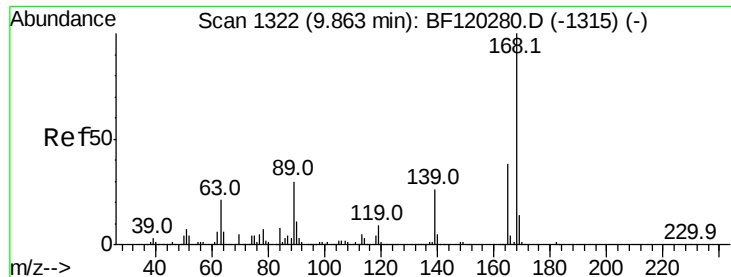
Tot Ion:168 Resp: 1932910
Ion Ratio Lower Upper
168 100
139 36.7 29.8 44.6
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 84.052 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

Tgt Ion:139 Resp: 467329
Ion Ratio Lower Upper
139 100
109 59.1 34.6 74.6
65 107.0 73.3 113.3

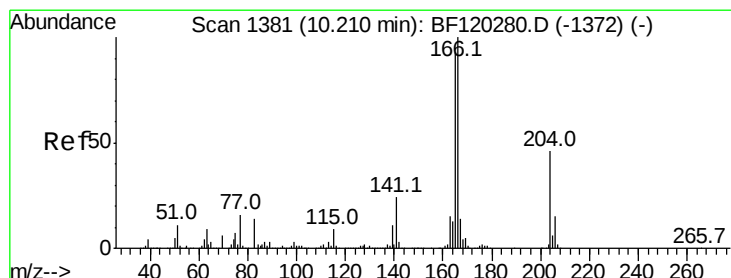
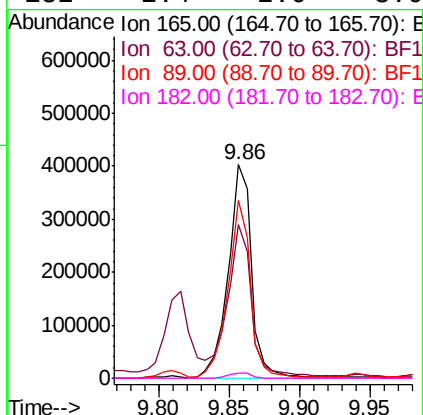
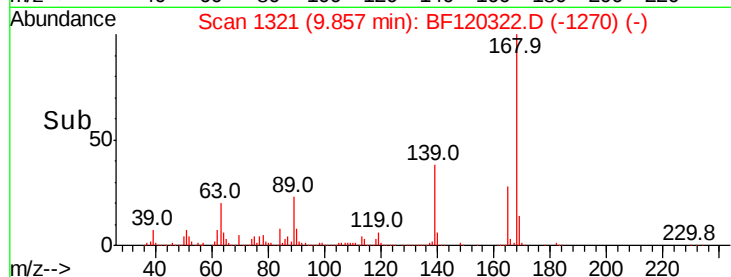
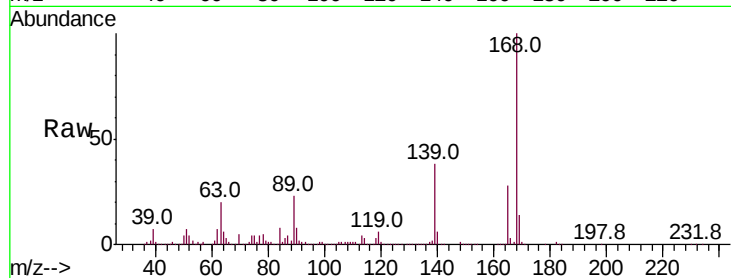




#57
 2,4-Dinitrotoluene
 Concen: 45.303 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

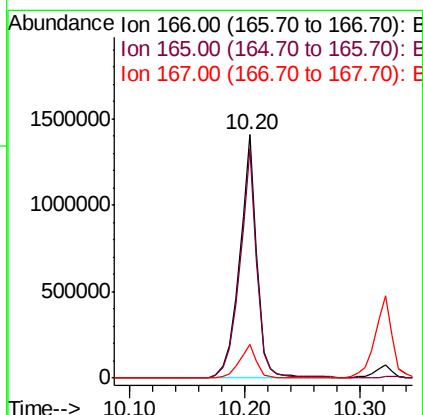
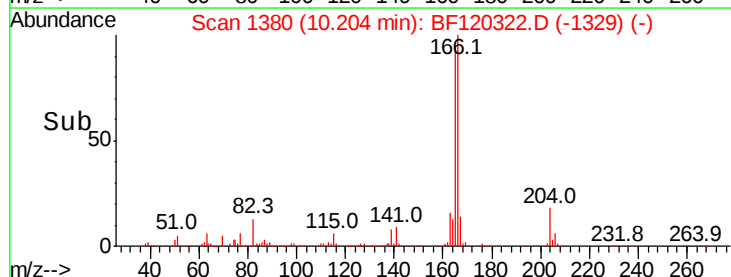
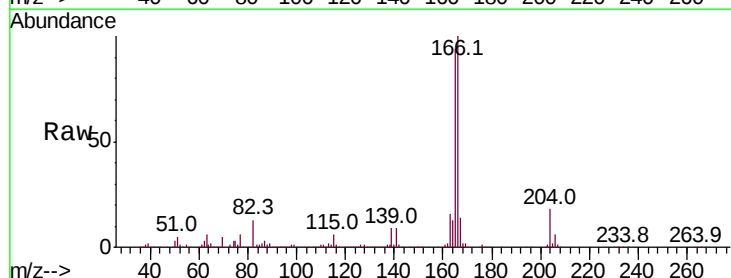
Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMSD

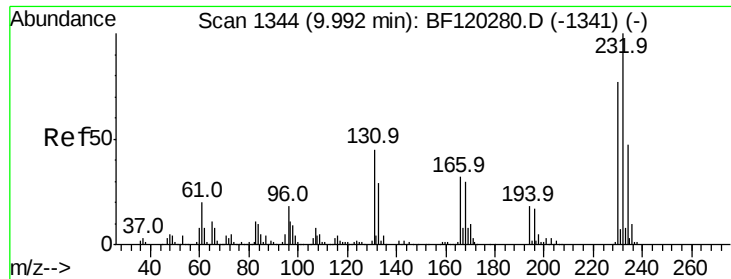
Tot Ion:165 Resp: 461122
 Ion Ratio Lower Upper
 165 100
 63 72.2 51.8 77.8
 89 83.1 64.2 96.4
 182 2.4 2.0 3.0



#58
 Fluorene
 Concen: 44.768 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

Tgt Ion:166 Resp: 1453100
 Ion Ratio Lower Upper
 166 100
 165 94.3 74.7 112.1
 167 13.9 11.4 17.0

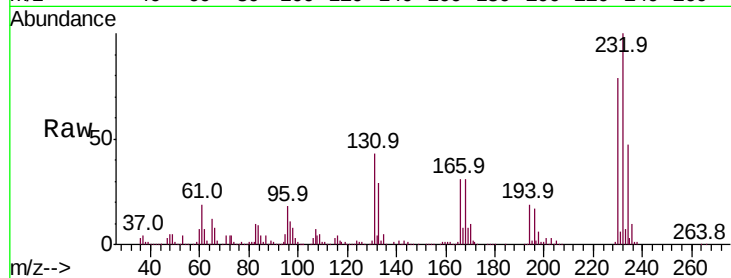




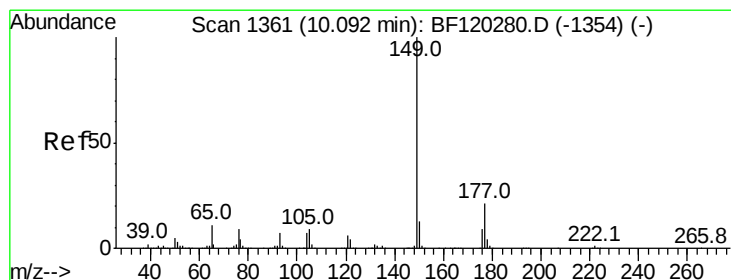
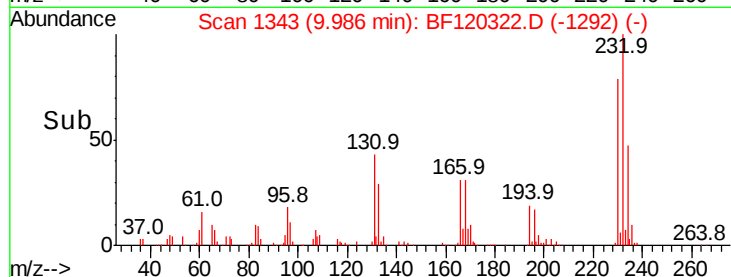
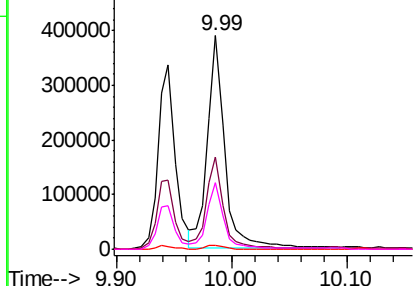
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.382 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-DMSD

Tot Ion:232	Resp:	408279
Ion Ratio	Lower	Upper
232	100	
131	41.8	34.1 51.1
130	1.9	1.7 2.5
166	29.6	23.3 34.9

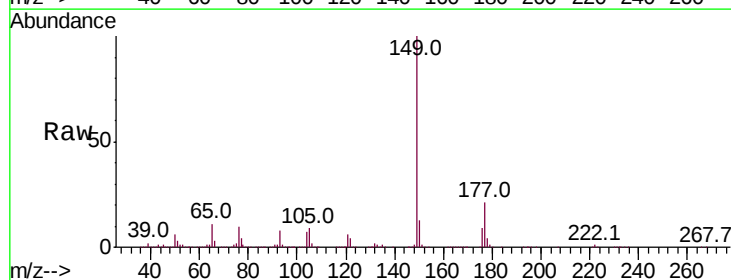


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

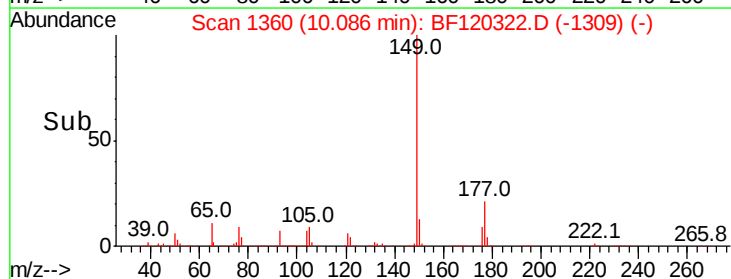
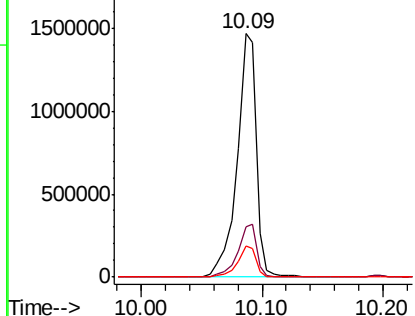


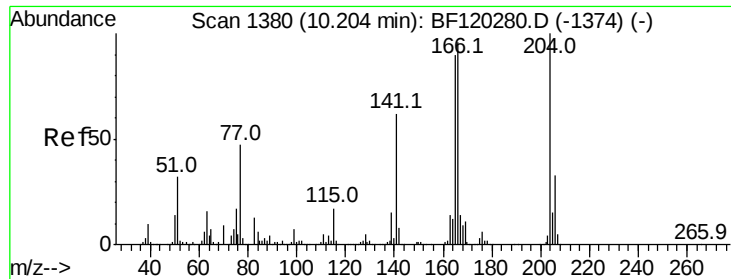
#60
 Diethylphthalate
 Concen: 43.649 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF120322.D
 Acq: 15 May 2020 15:31

Tgt Ion:149	Resp:	1638326
Ion Ratio	Lower	Upper
149	100	
177	20.7	17.1 25.7
150	13.0	10.3 15.5



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

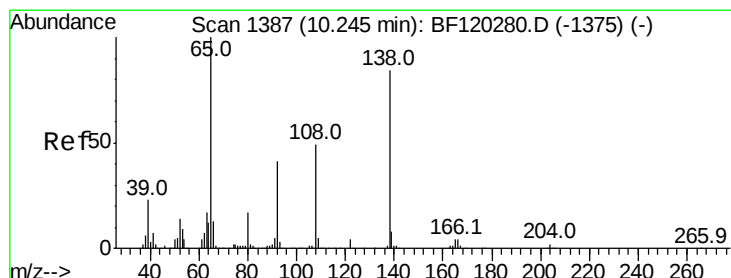
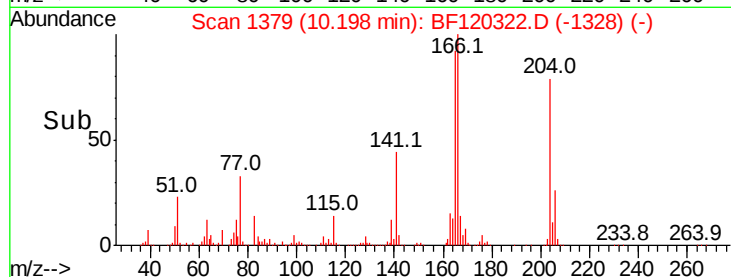
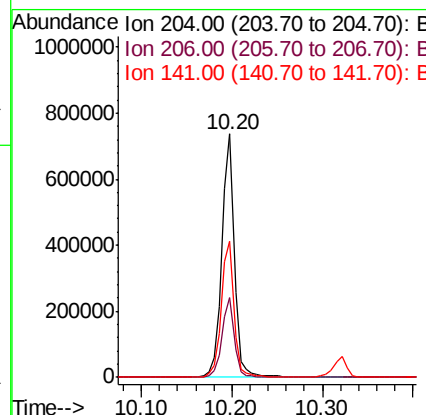
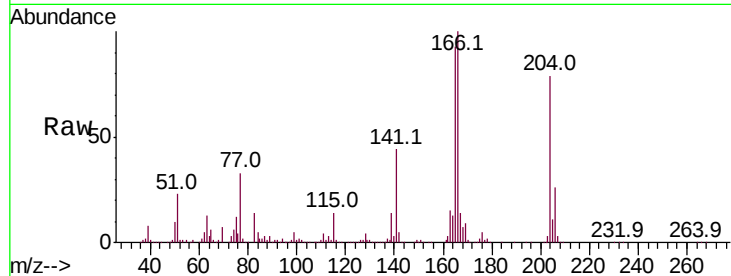




#61
4-Chlorophenyl-phenylether
Concen: 41.614 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

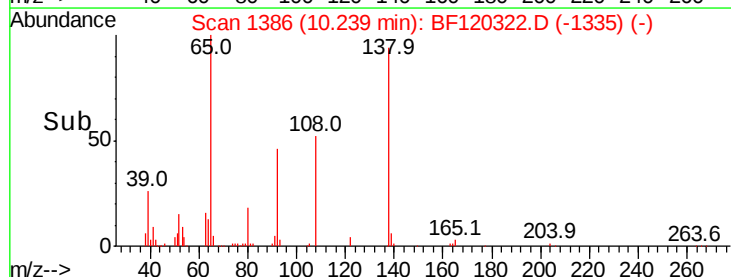
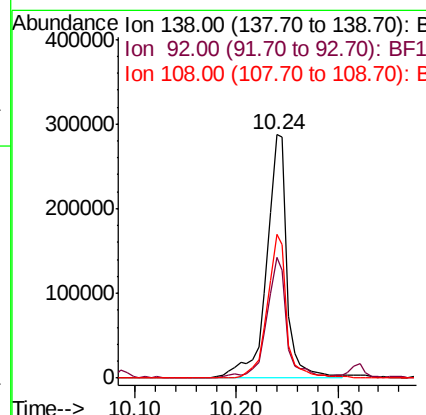
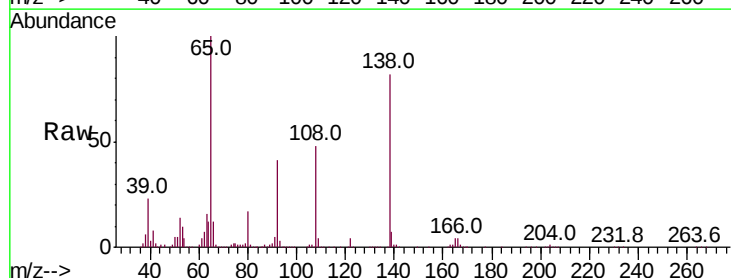
Instrument :
BNA_F
ClientSampleId :
TP-B-DMSD

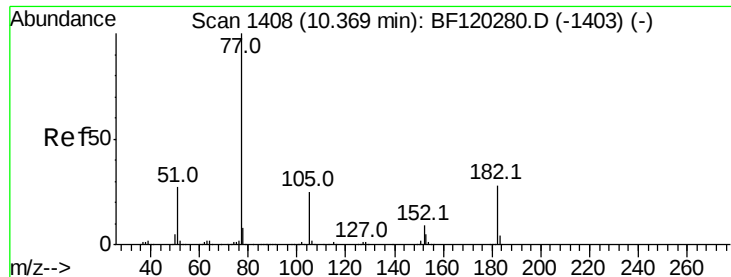
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.8	40.2
141	56.0	49.5	74.3



#62
4-Nitroaniline
Concen: 41.963 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	28.9	68.9
108	59.1	38.4	78.4





#63

Azobenzene

Concen: 44.573 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

Tot Ion: 77 Resp: 1581174

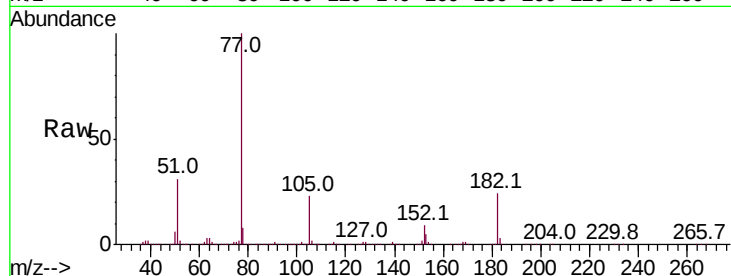
Ion Ratio Lower Upper

77 100

182 23.8 7.4 47.4

105 22.9 4.4 44.4

51 30.6 8.3 48.3

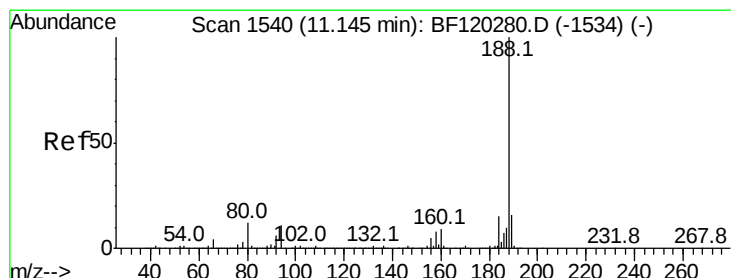
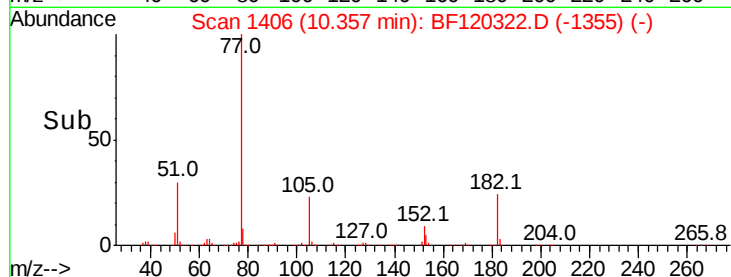
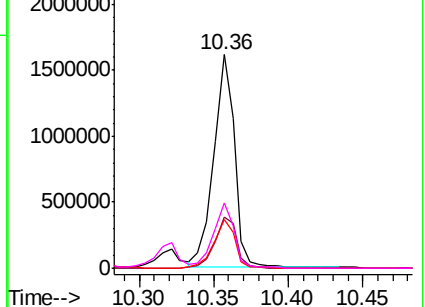


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

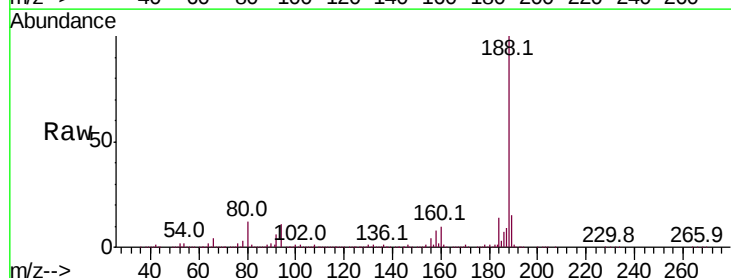
Tgt Ion: 188 Resp: 1181625

Ion Ratio Lower Upper

188 100

94 10.7 8.6 13.0

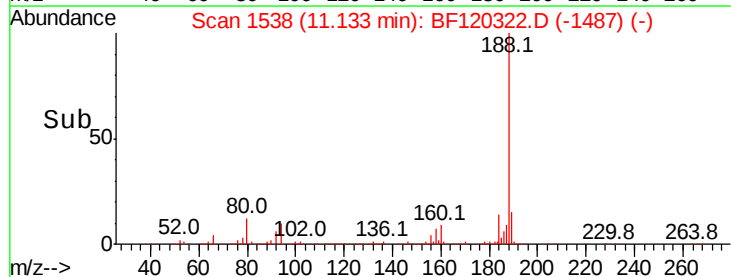
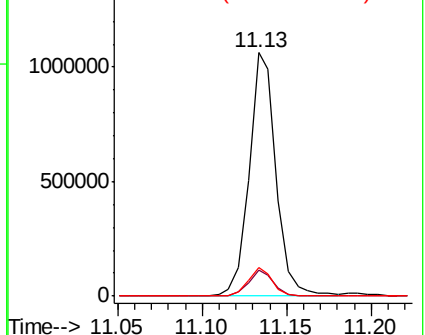
80 11.7 9.2 13.8

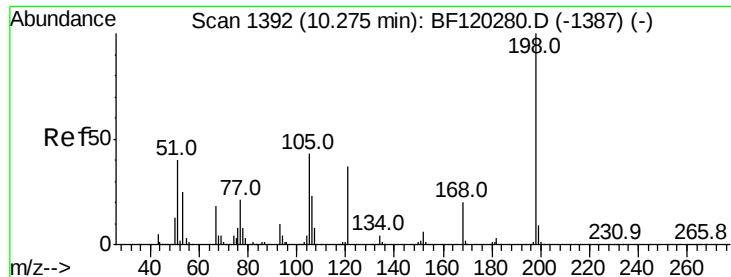


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

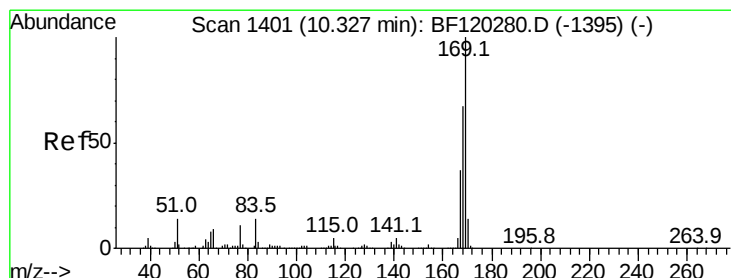
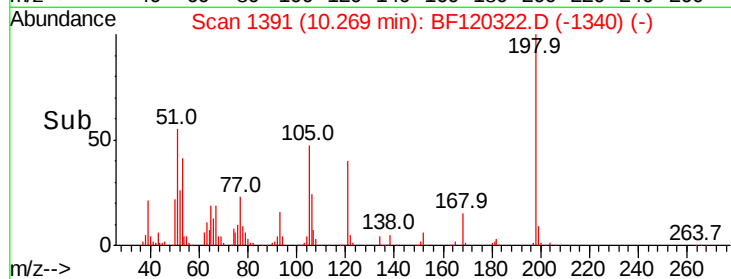
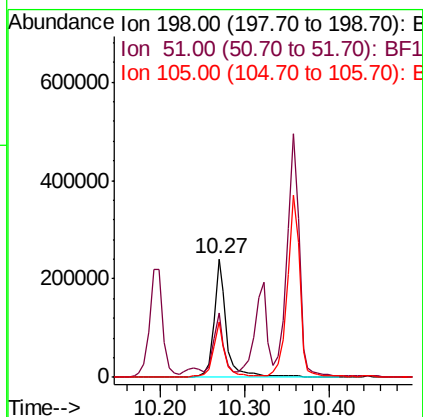
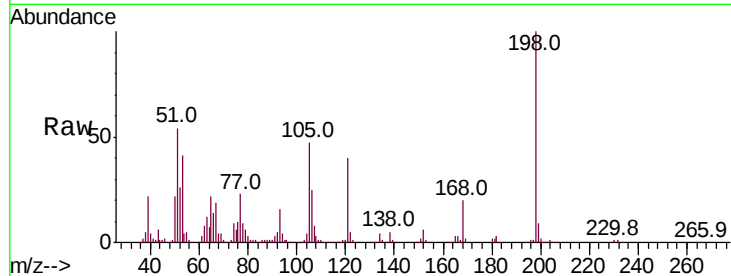




#65
4,6-Dinitro-2-methylphenol
Concen: 43.067 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

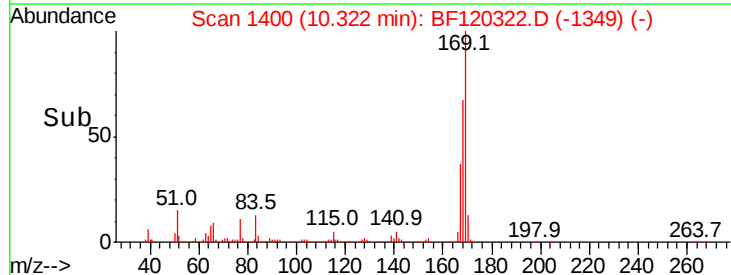
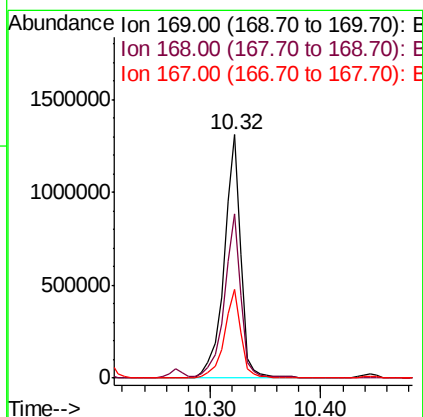
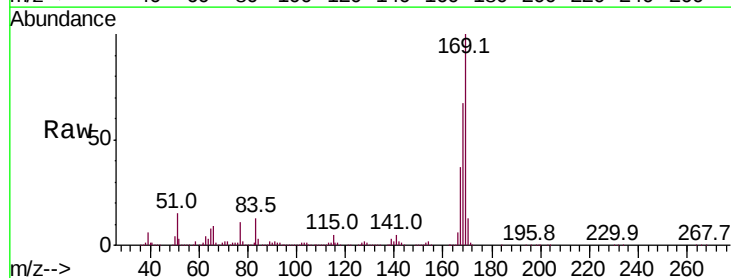
Instrument :
BNA_F
ClientSampleId :
TP-B-DMSD

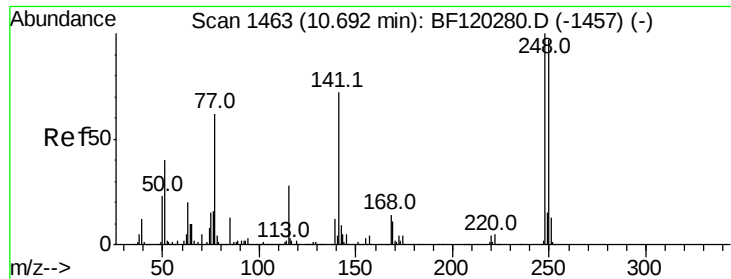
Tot Ion:198 Resp: 257360
Ion Ratio Lower Upper
198 100
51 54.4 27.1 67.1
105 46.6 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 41.979 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

Tgt Ion:169 Resp: 1372313
Ion Ratio Lower Upper
169 100
168 67.2 53.7 80.5
167 36.6 29.8 44.6

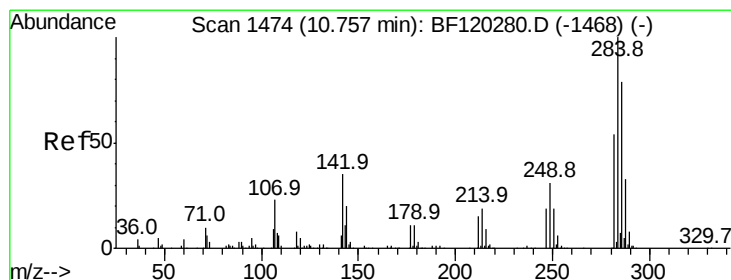
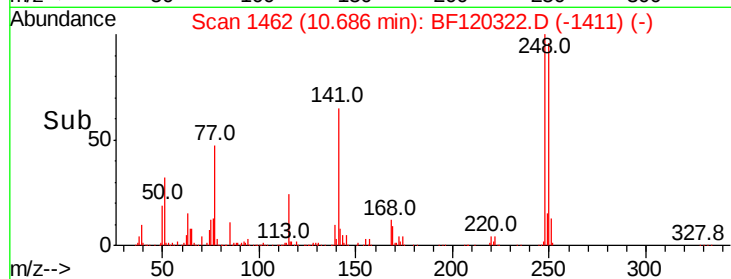
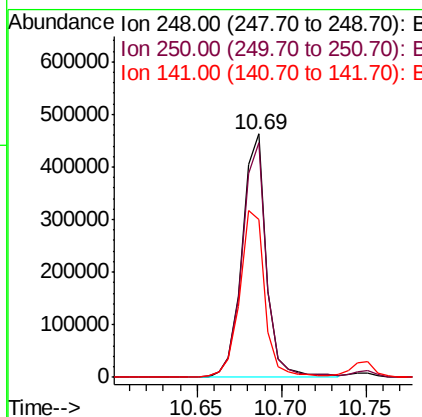
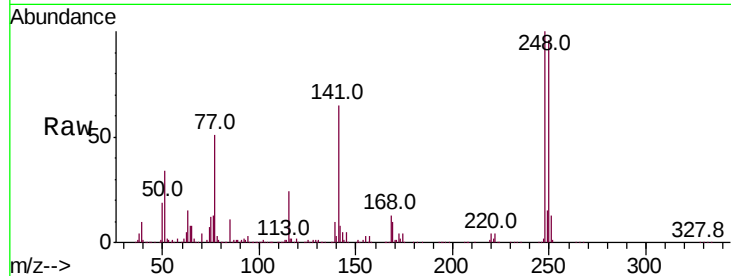




#67
4-Bromophenyl-phenylether
Concen: 40.580 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

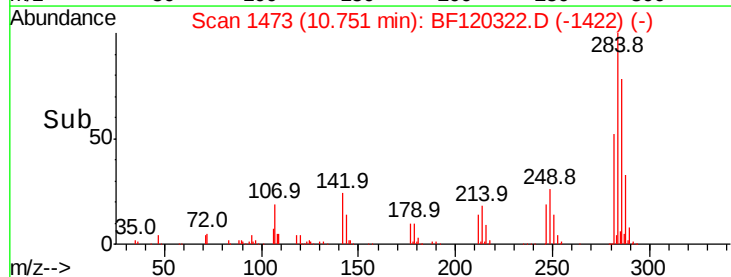
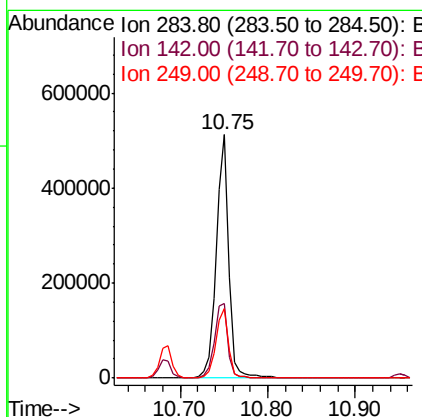
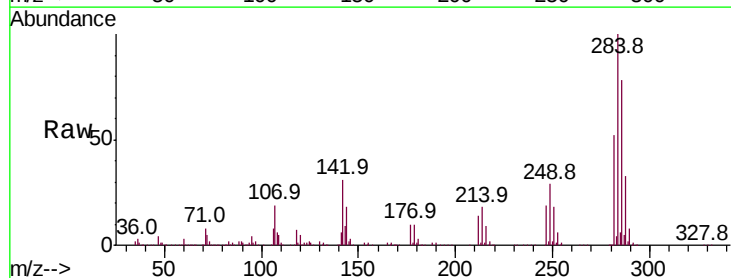
Instrument :
BNA_F
ClientSampleId :
TP-B-DMSD

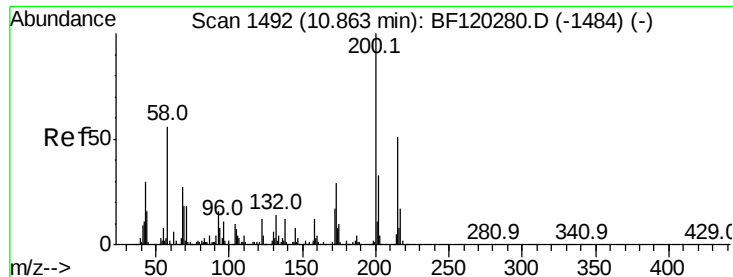
Tot Ion:248 Resp: 465301
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.6
141 64.8 57.7 86.5



#68
Hexachlorobenzene
Concen: 42.355 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

Tgt Ion:284 Resp: 508069
Ion Ratio Lower Upper
284 100
142 30.8 28.5 42.7
249 28.7 24.8 37.2





#69

Atrazine

Concen: 38.841 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

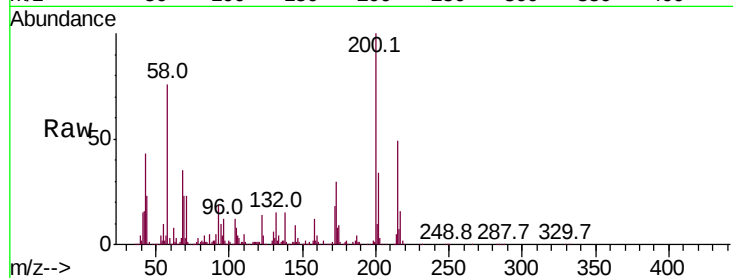
Tot Ion:200 Resp: 379940

Ion Ratio Lower Upper

200 100

173 30.0 8.7 48.7

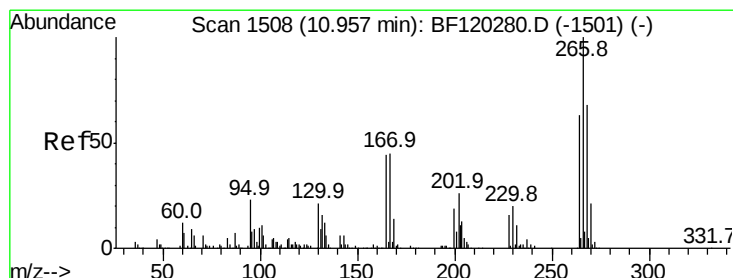
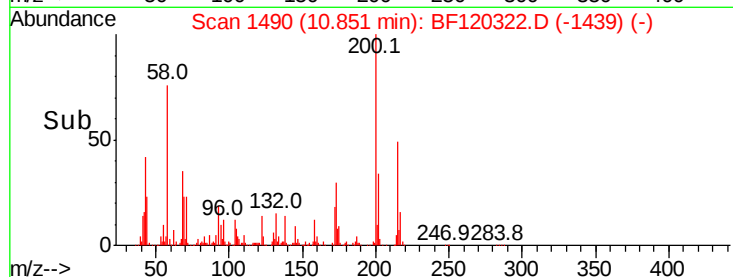
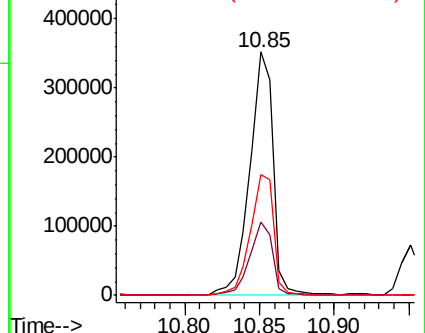
215 49.3 30.6 70.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.912 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

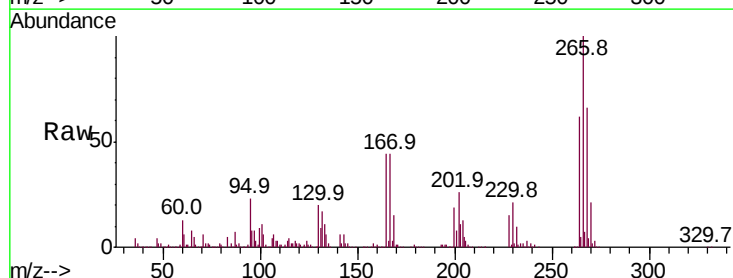
Tgt Ion:266 Resp: 433208

Ion Ratio Lower Upper

266 100

268 66.1 54.2 81.4

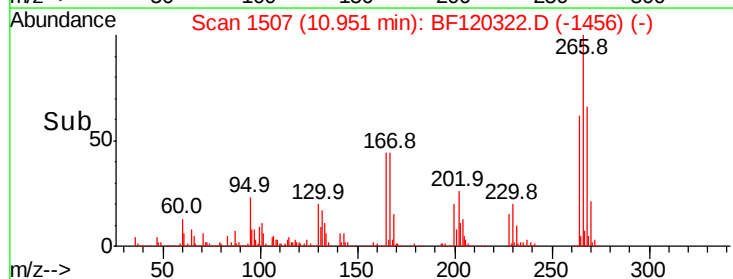
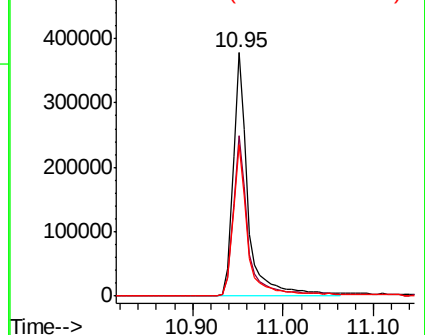
264 62.1 50.2 75.4

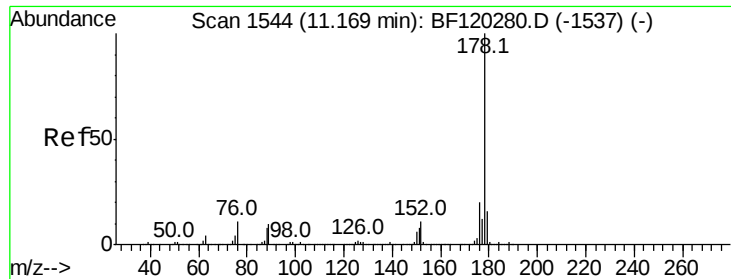


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

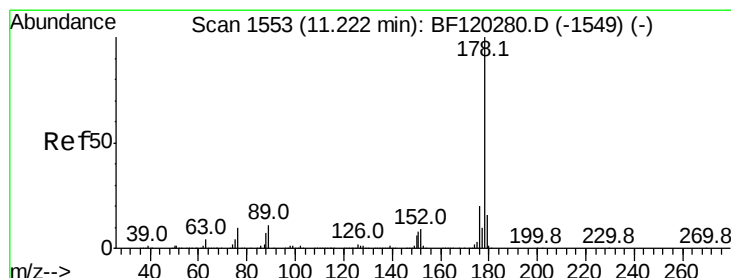
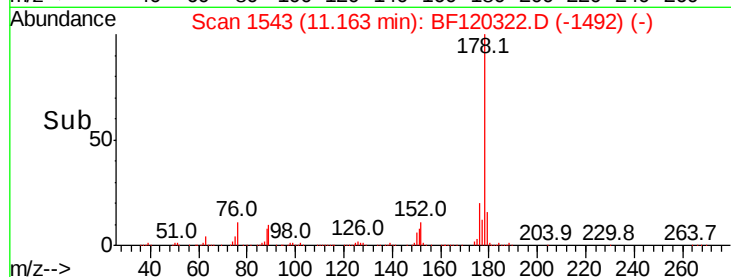
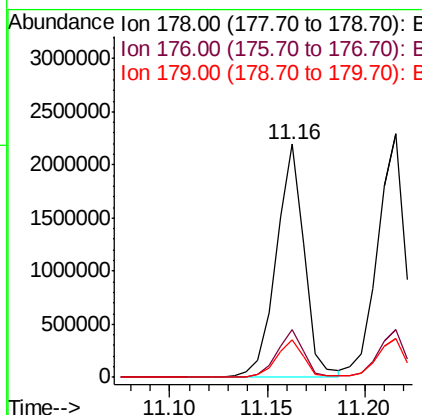
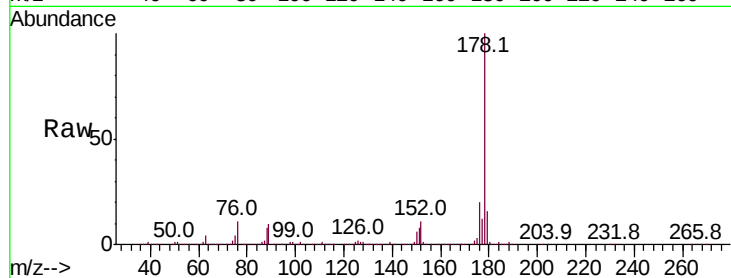




#71
Phenanthrene
Concen: 43.741 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

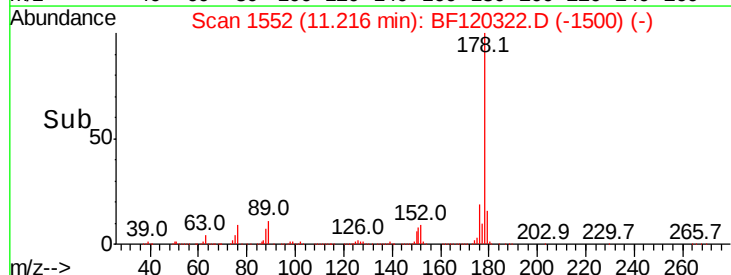
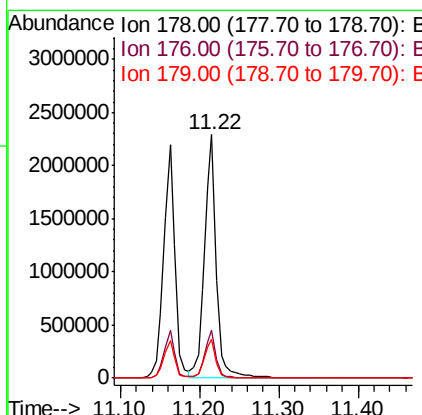
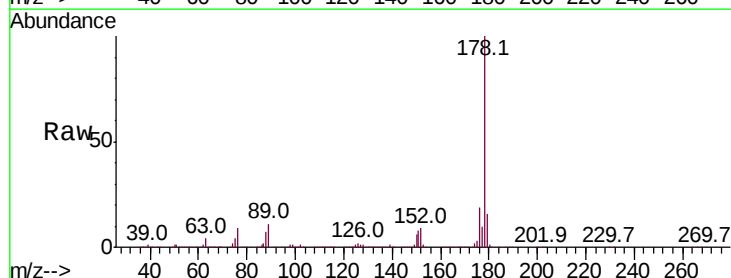
Instrument :
BNA_F
ClientSampleId :
TP-B-DMSD

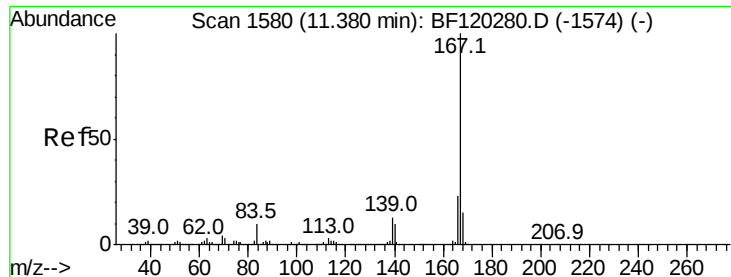
Tot Ion:178 Resp: 2171847
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.8
179 16.2 12.8 19.2



#72
Anthracene
Concen: 44.989 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

Tgt Ion:178 Resp: 2391354
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.7 13.0 19.6





#73

Carbazole

Concen: 43.500 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

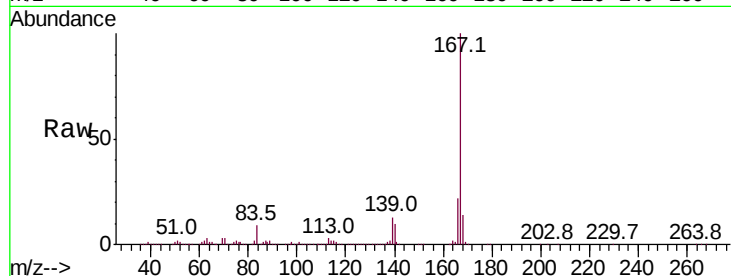
Tot Ion:167 Resp: 2160420

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

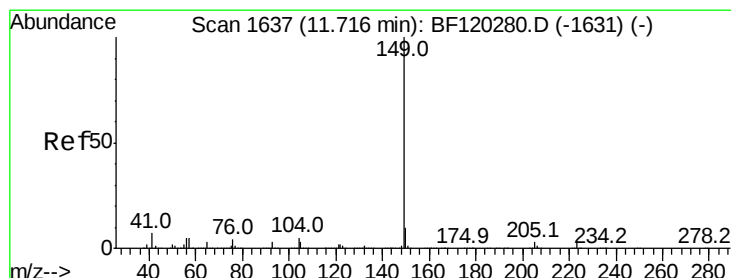
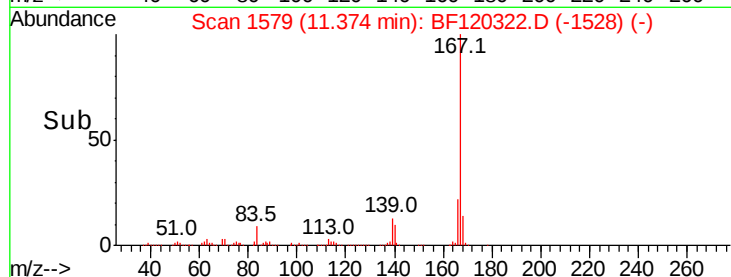
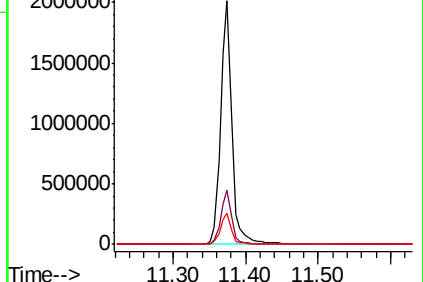
139 12.7 10.6 15.8



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: 44.680 ng

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

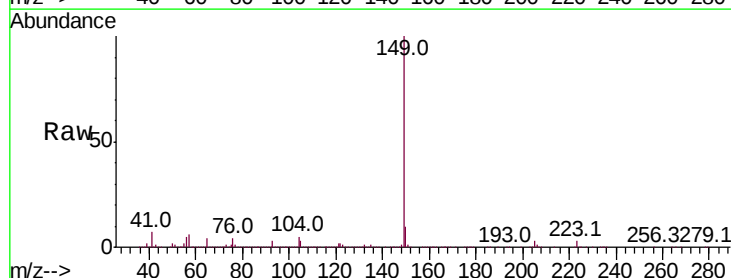
Tgt Ion:149 Resp: 2674374

Ion Ratio Lower Upper

149 100

150 9.8 8.2 12.4

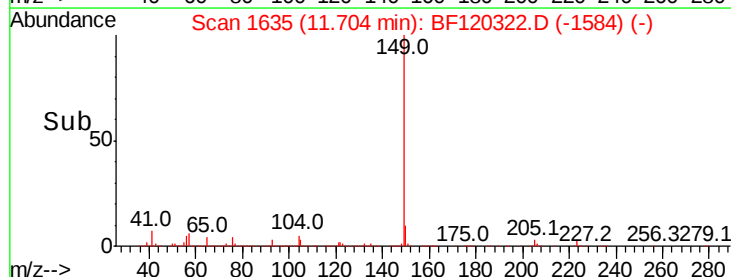
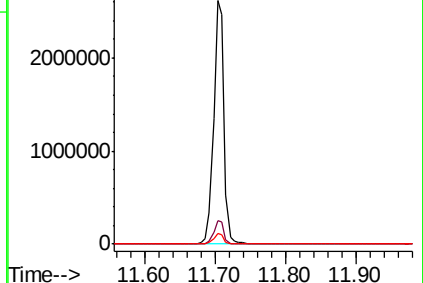
104 4.6 3.8 5.8

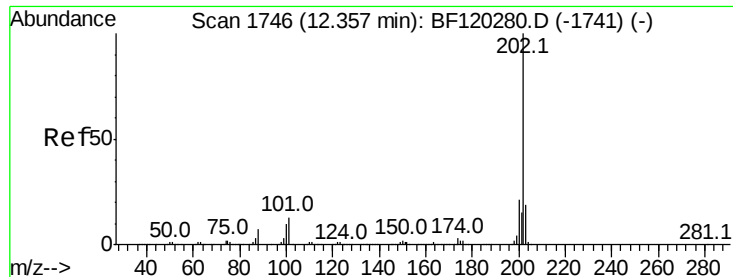


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.681 ng

RT: 12.34 min Scan# 1744

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

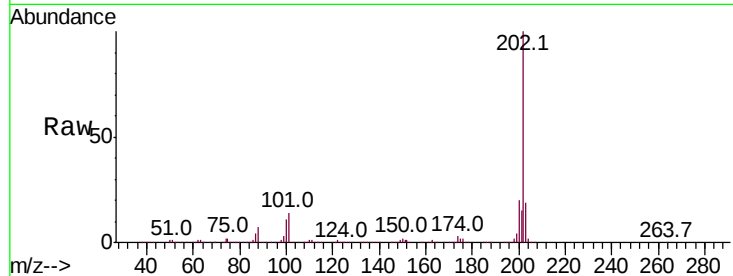
Tot Ion:202 Resp: 2537488

Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.2

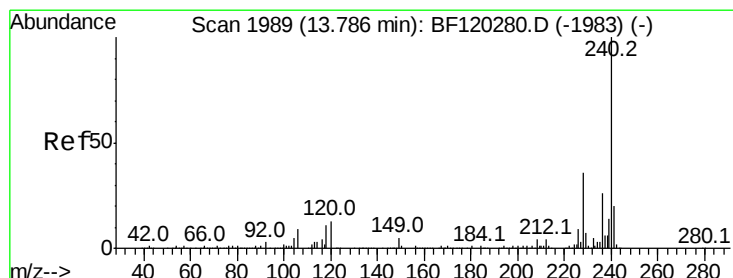
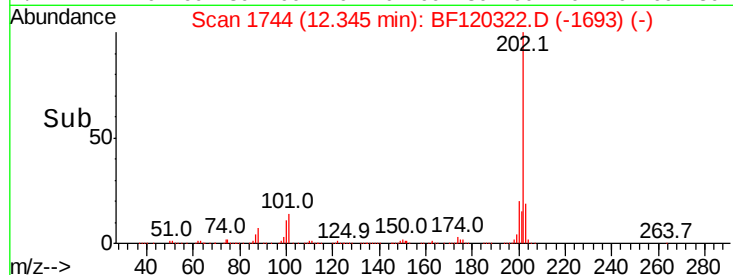
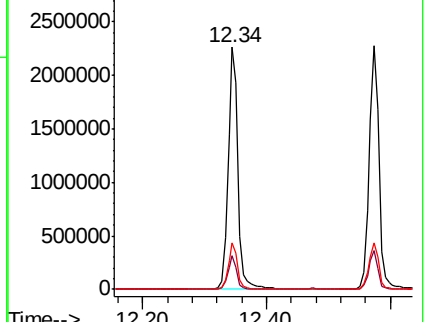
203 19.0 0.0 39.1



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: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

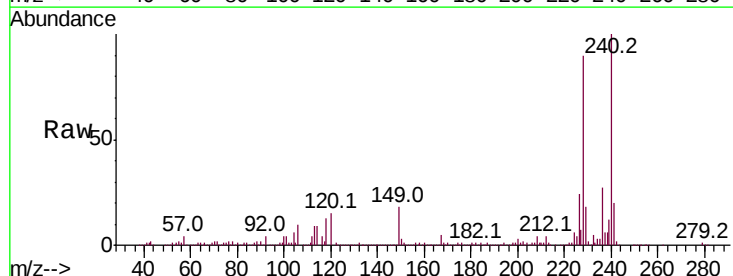
Tgt Ion:240 Resp: 884182

Ion Ratio Lower Upper

240 100

120 15.1 10.4 15.6

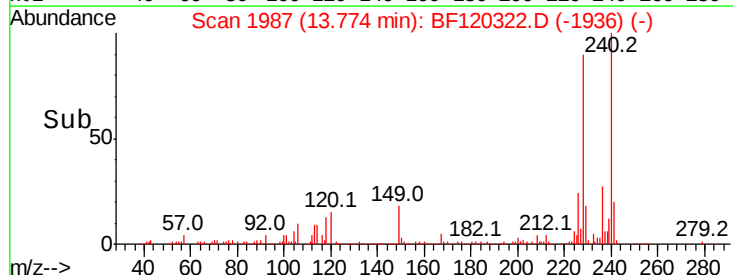
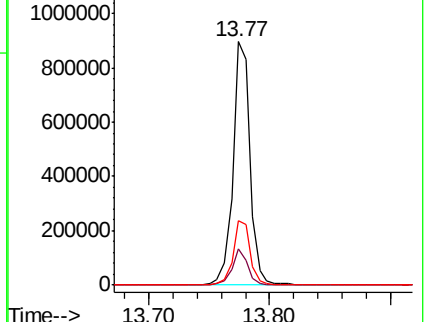
236 26.6 21.0 31.6

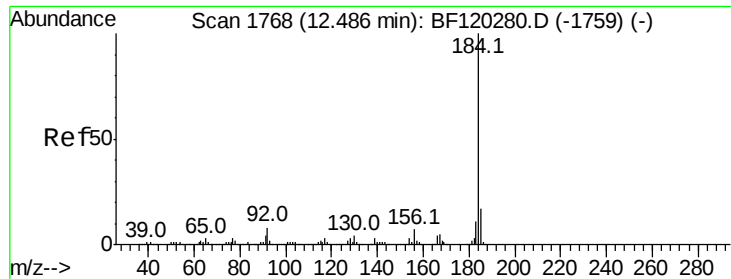


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.994 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

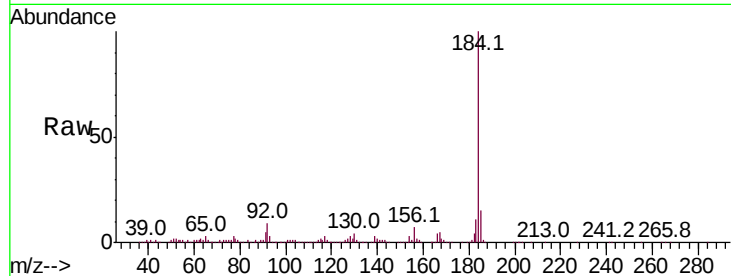
Tot Ion:184 Resp: 1574848

Ion Ratio Lower Upper

184 100

185 15.0 13.7 20.5

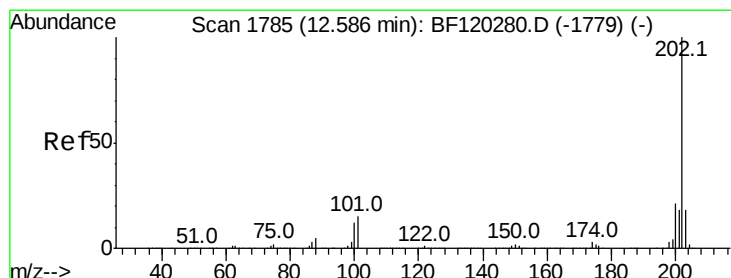
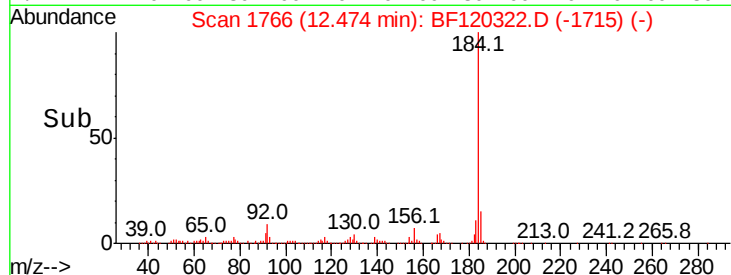
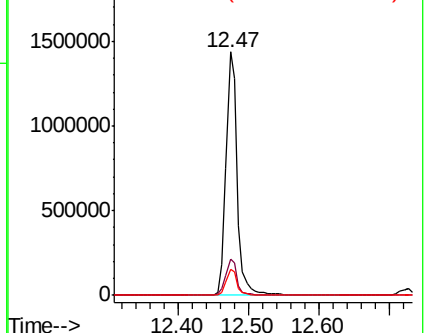
183 10.8 8.7 13.1



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: 40.155 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

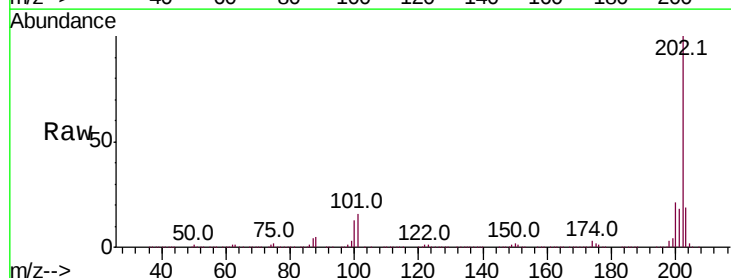
Tgt Ion:202 Resp: 2531121

Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

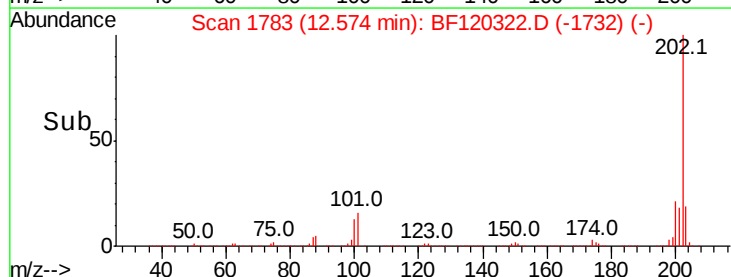
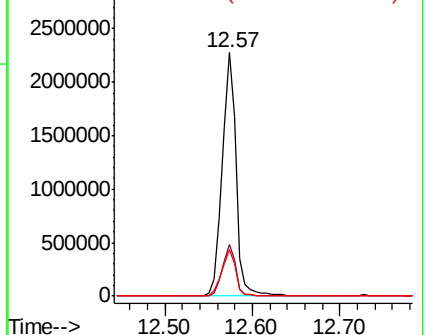
203 18.9 14.6 22.0

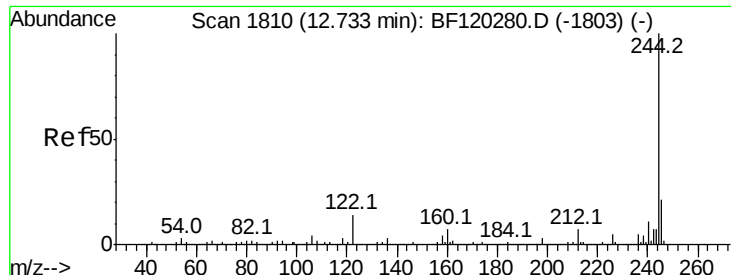


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.975 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

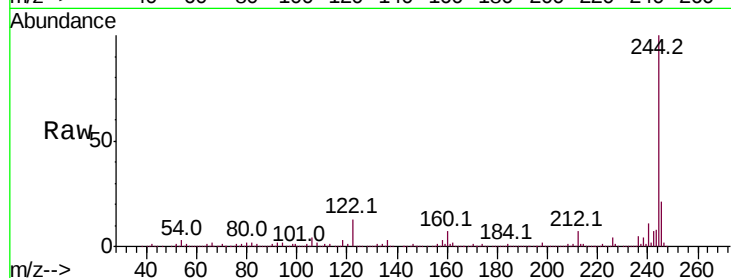
BNA_F

ClientSampleId :

TP-B-DMSD

Tot Ion:244 Resp: 3520987

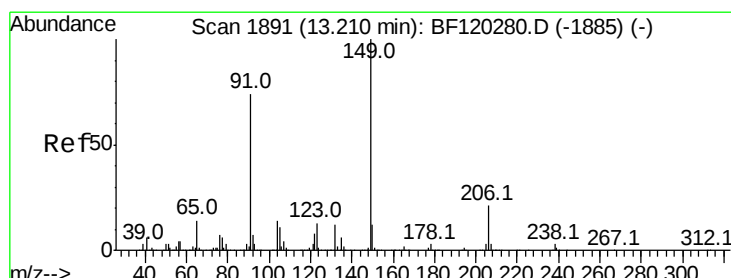
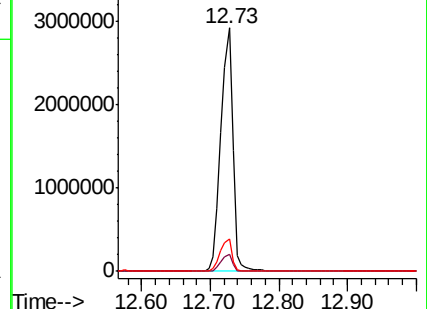
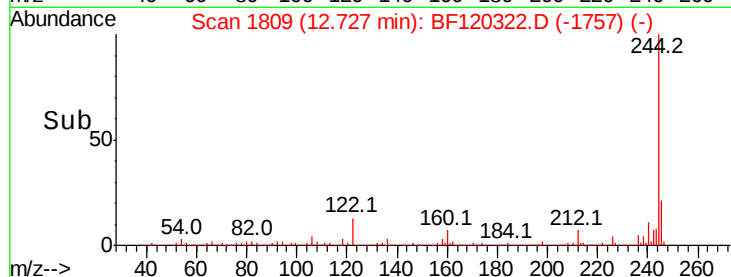
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.5	10.8	16.2



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: 43.550 ng

RT: 13.20 min Scan# 1890

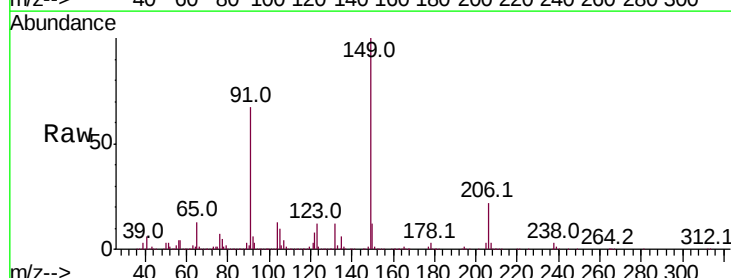
Delta R.T. 0.01 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Tgt Ion:149 Resp: 1292644

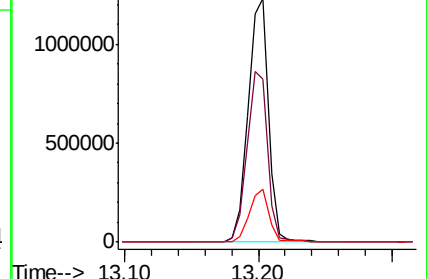
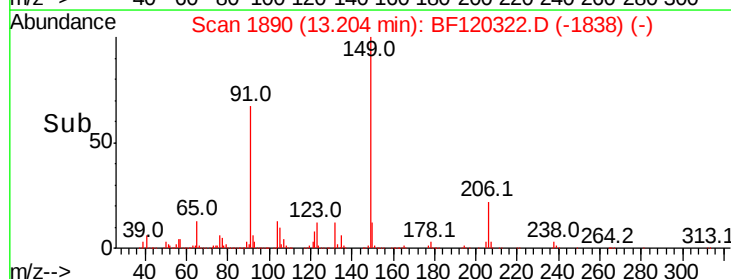
Ion	Ratio	Lower	Upper
149	100		
91	67.1	59.0	88.4
206	21.5	16.8	25.2

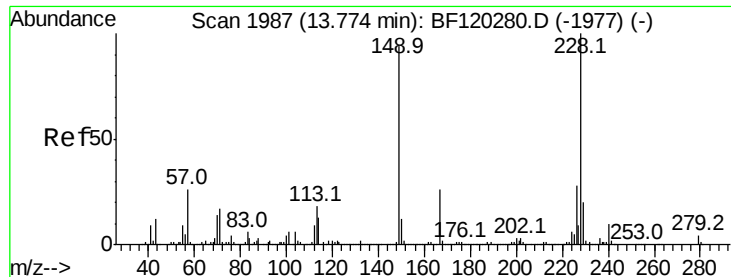


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.635 ng

RT: 13.77 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

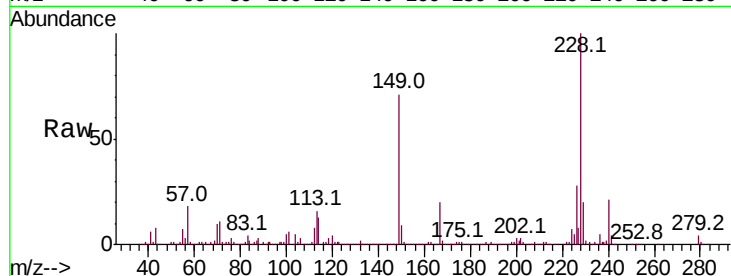
Tot Ion:228 Resp: 2081540

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

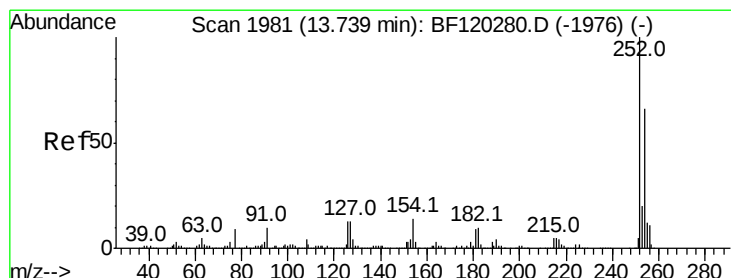
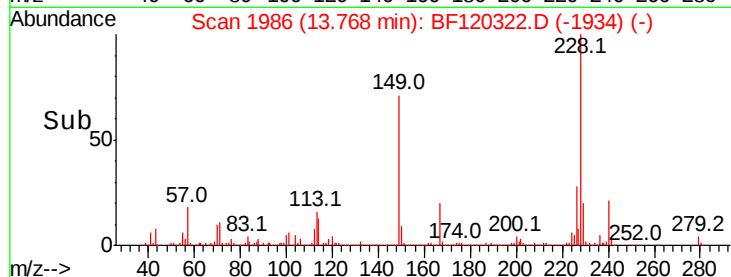
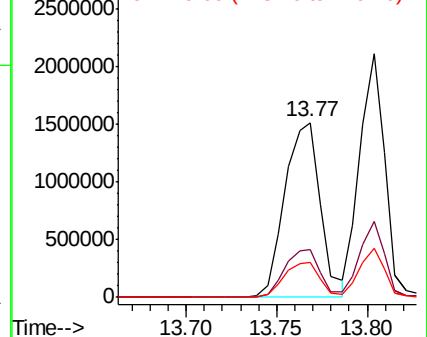
229 20.1 16.4 24.6



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: 28.341 ng

RT: 13.73 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

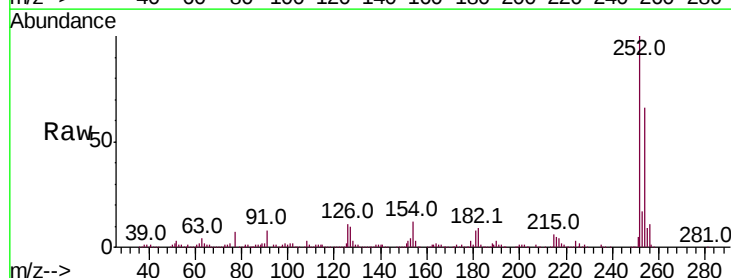
Tgt Ion:252 Resp: 498060

Ion Ratio Lower Upper

252 100

254 66.2 52.6 78.8

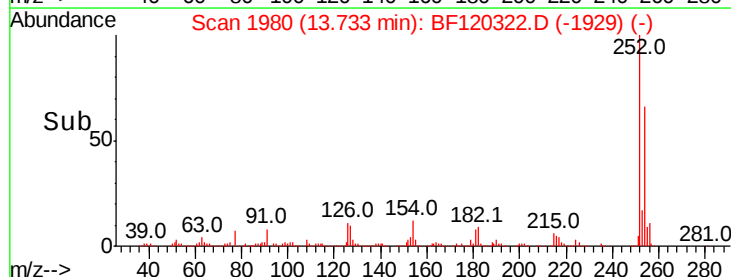
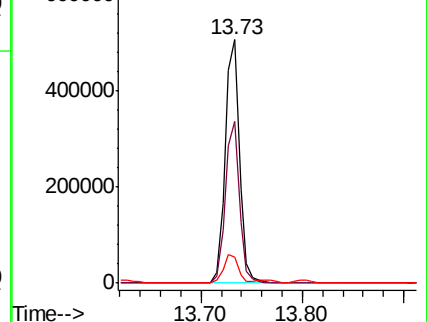
126 10.9 10.7 16.1

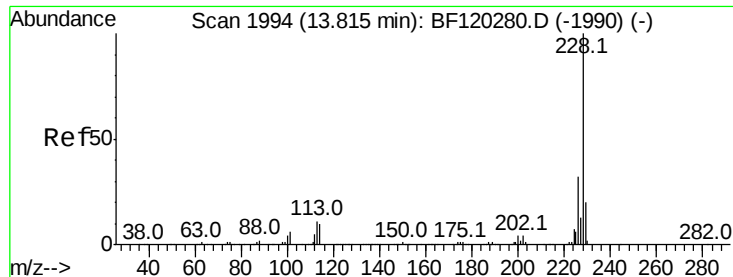


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.462 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

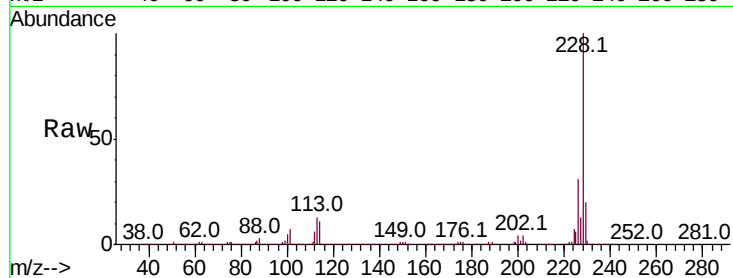
Tot Ion:228 Resp: 2076284

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

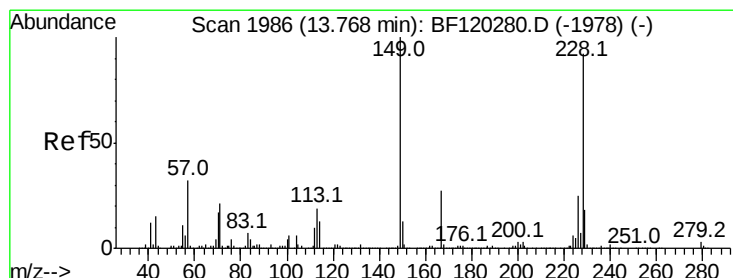
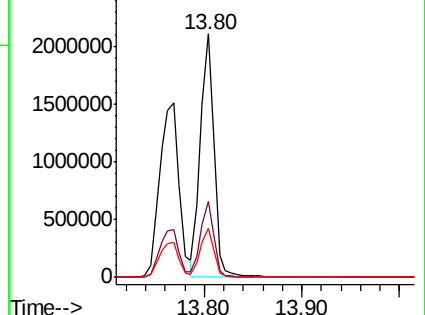
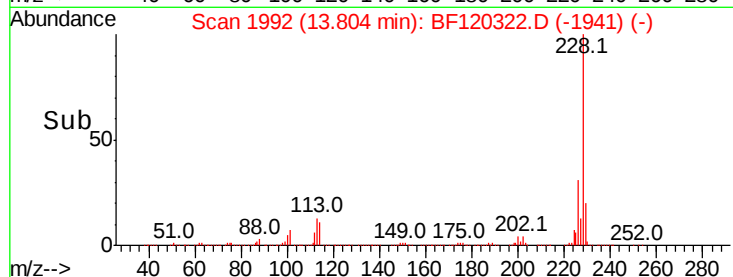
229 20.3 16.2 24.4



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: 43.961 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

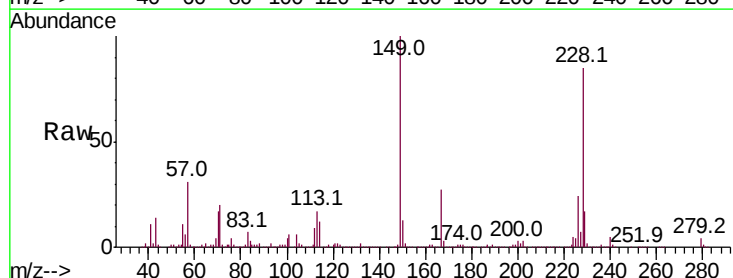
Tgt Ion:149 Resp: 1623403

Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

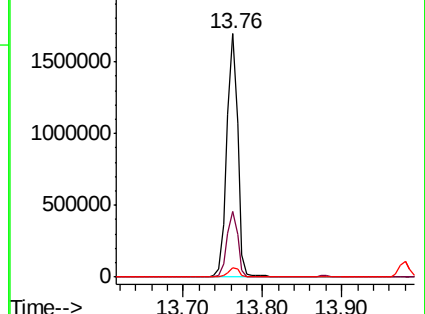
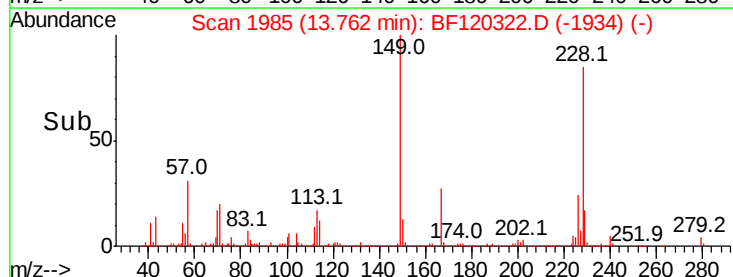
279 3.7 2.8 4.2

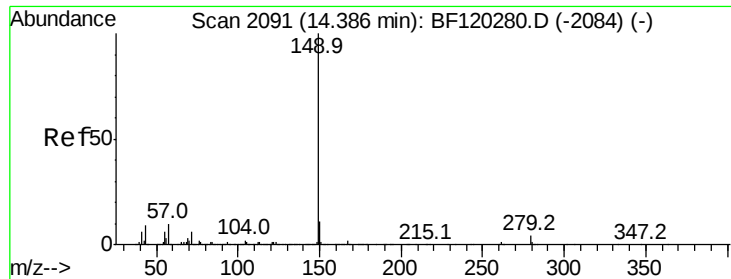


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.868 ng

RT: 14.37 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

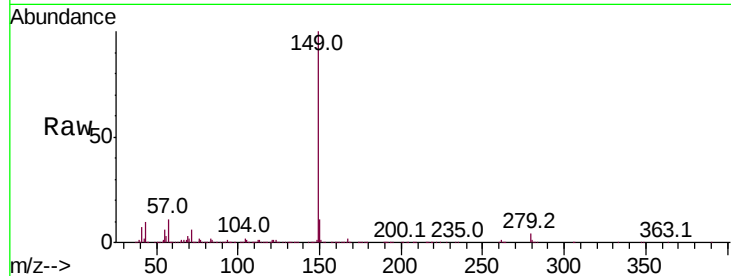
Tot Ion:149 Resp: 2914297

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

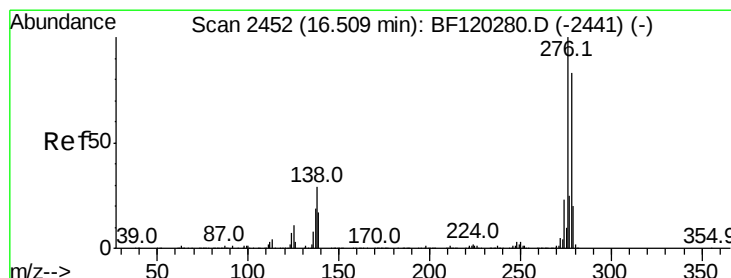
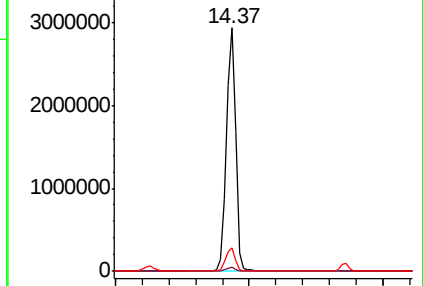
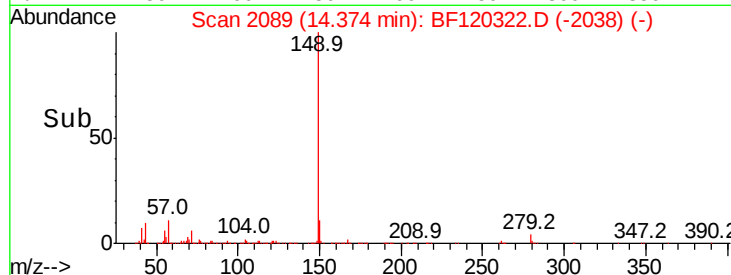
43 9.8 7.5 11.3



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: 45.031 ng

RT: 16.50 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

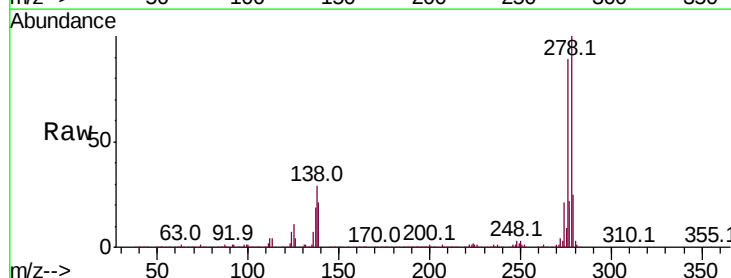
Tgt Ion:276 Resp: 2046646

Ion Ratio Lower Upper

276 100

138 29.2 23.3 34.9

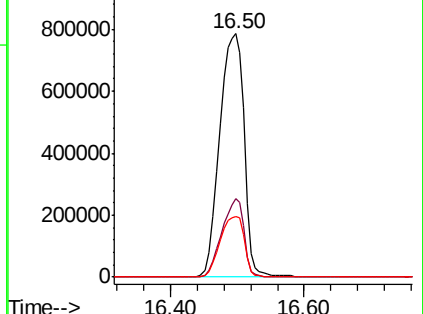
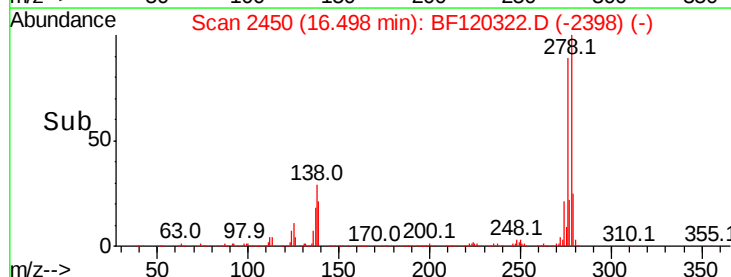
277 24.8 20.2 30.4

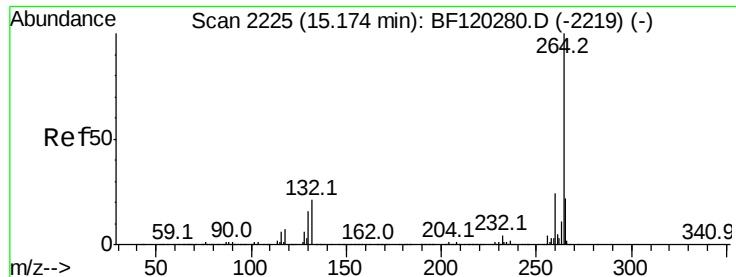


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.16 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

TP-B-DMSD

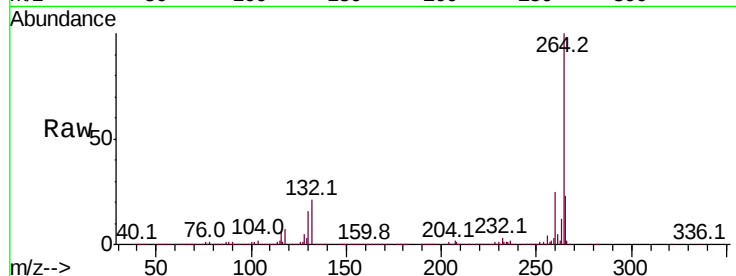
Tot Ion:264 Resp: 778121

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.6

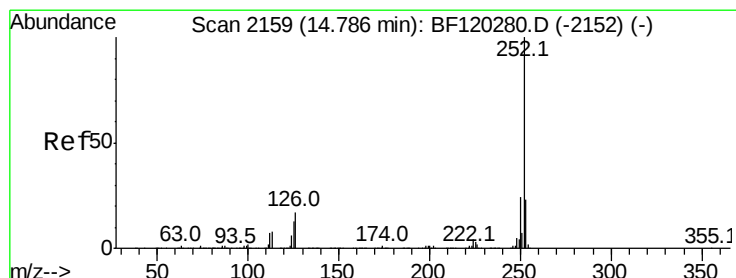
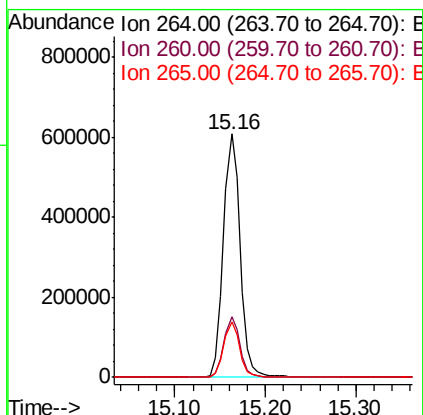
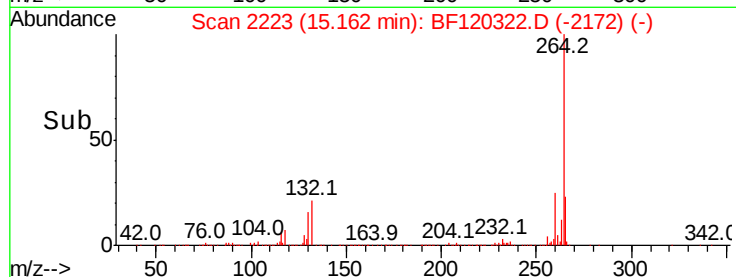
265 22.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.594 ng

RT: 14.78 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

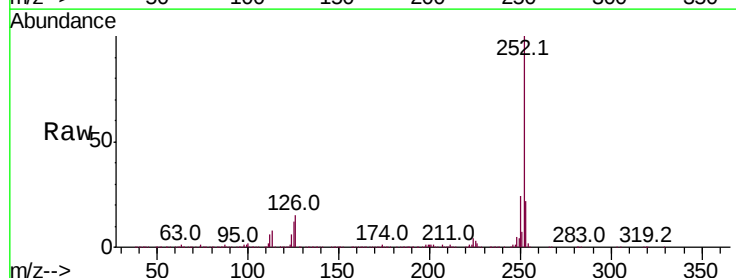
Tgt Ion:252 Resp: 1937501

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

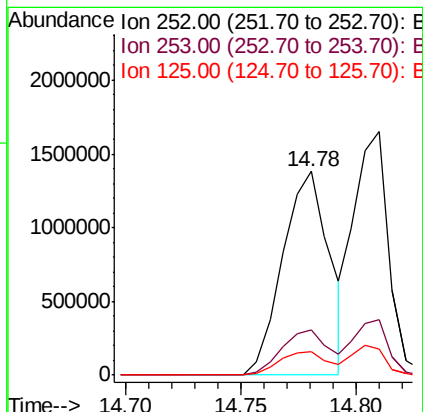
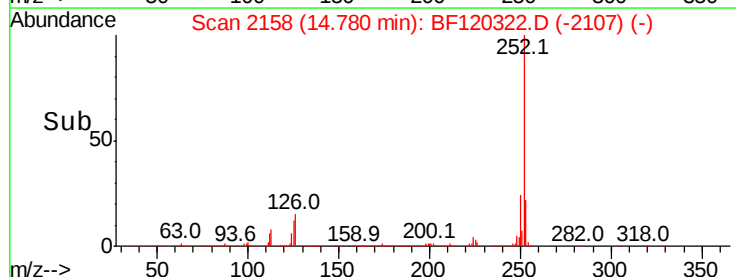
125 11.5 10.4 15.6

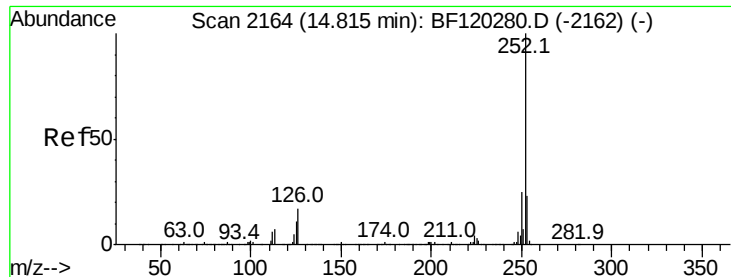


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

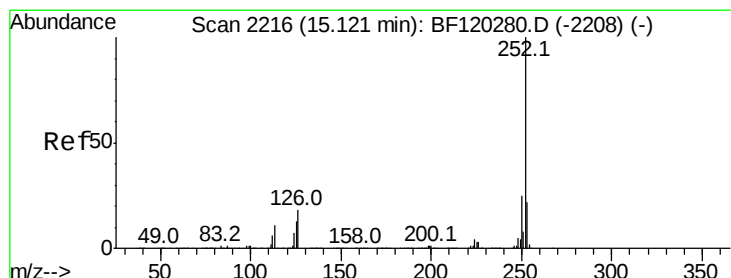
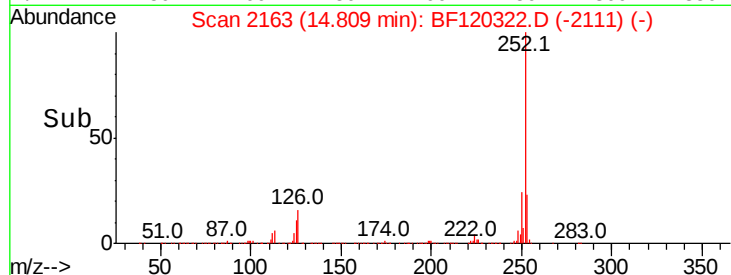
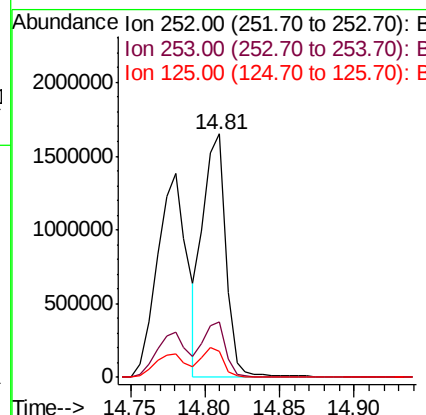
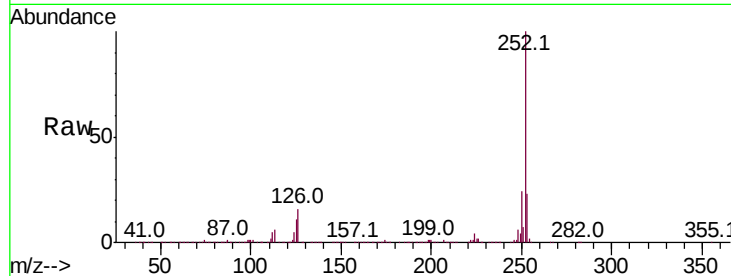




#89
Benzo(k)fluoranthene
Concen: 47.393 ng
RT: 14.81 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

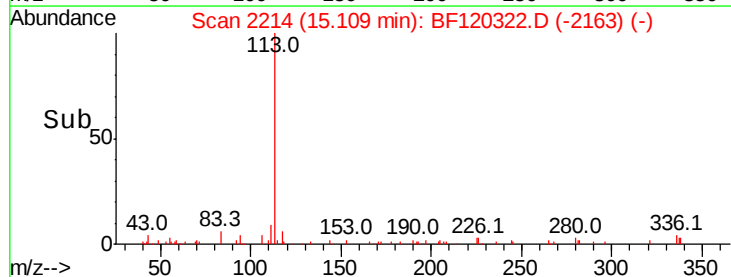
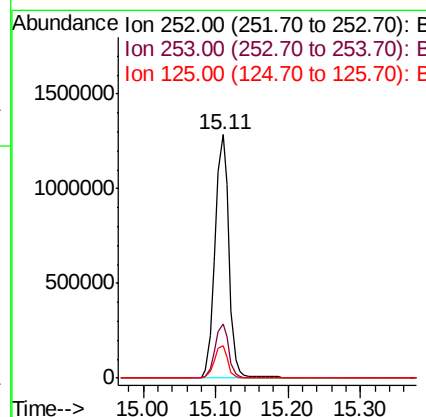
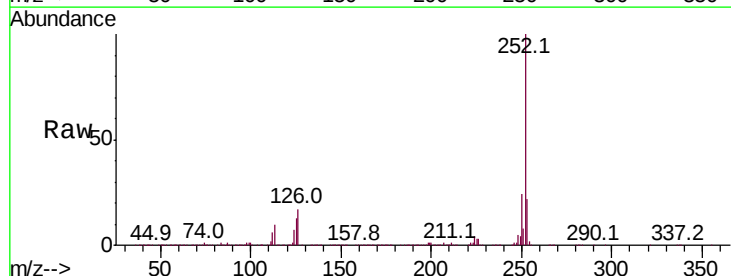
Instrument :
BNA_F
ClientSampleId :
TP-B-DMSD

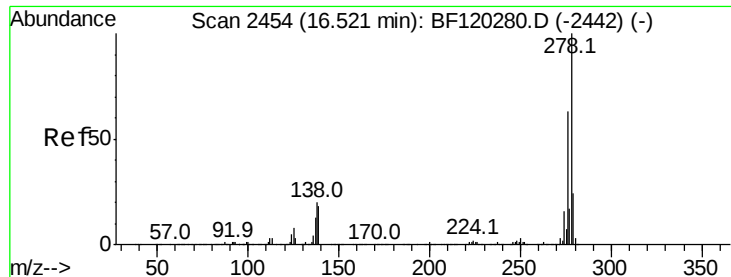
Tot Ion:252 Resp: 1744873
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.7 9.9 14.9



#90
Benzo(a)pyrene
Concen: 44.959 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF120322.D
Acq: 15 May 2020 15:31

Tgt Ion:252 Resp: 1713417
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 13.2 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 50.028 ng

RT: 16.50 min Scan# 2451

Delta R.T. -0.00 min

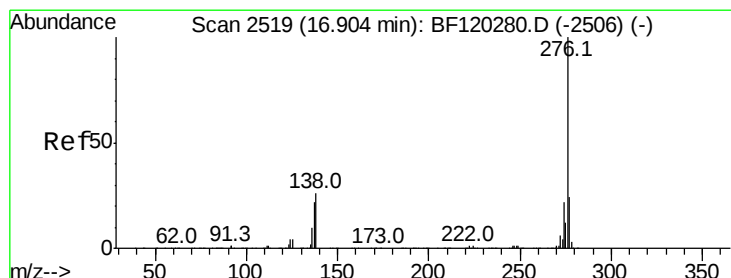
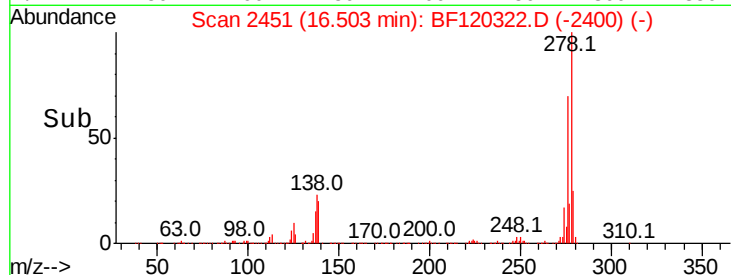
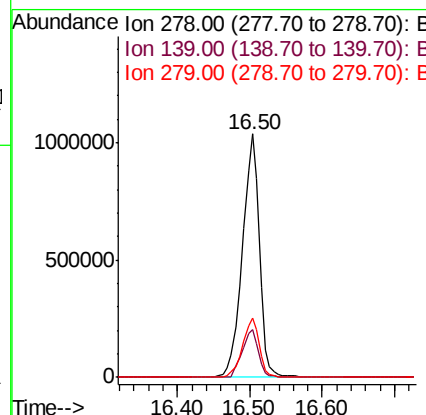
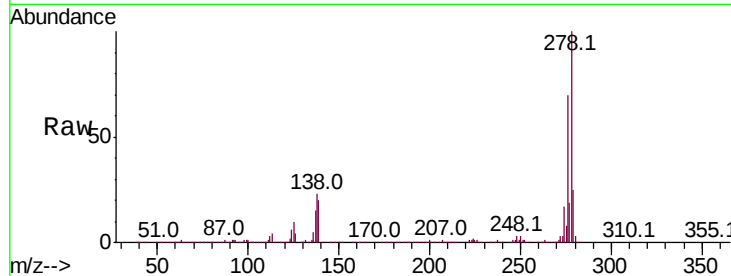
Lab File: BF120322.D

Acq: 15 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
TP-B-DMSD

Tot Ion:278 Resp: 1689060

Ion	Ratio	Lower	Upper
278	100		
139	19.8	14.7	22.1
279	24.5	19.2	28.8



#92

Benzo(g,h,i)perylene

Concen: 51.567 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF120322.D

Acq: 15 May 2020 15:31

Tgt Ion:276 Resp: 1755651

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.1	28.7
138	24.3	20.8	31.2

