

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120306.D
 Acq On : 14 May 2020 22:23
 Operator : MA/SJ
 Sample : L2501-07MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 15 02:40:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	333516	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1356373	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	662583	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1314823	20.00	ng	0.00
76) Chrysene-d12	13.78	240	702427	20.00	ng	0.00
87) Perylene-d12	15.17	264	641318	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	481457	28.09	ng	0.01
7) Phenol-d6	6.27	99	561002	25.88	ng	0.00
23) Nitrobenzene-d5	7.19	82	423535	21.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.45	330	193541	35.83	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	861210	26.70	ng	-0.01
79) Terphenyl-d14	12.73	244	927245	29.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	67176	9.852	ng	# 96
3) Pyridine	2.95	79	76843	3.585	ng	98
4) n-Nitrosodimethylamine	2.85	42	72239	8.607	ng	# 95
6) Aniline	6.29	93	154211	5.563	ng	# 72
8) 2-Chlorophenol	6.41	128	203767	10.195	ng	100
9) Benzaldehyde	6.17	77	136353	10.204	ng	90
10) Phenol	6.29	94	207742	8.210	ng	92
11) bis(2-Chloroethyl)ether	6.36	93	175568	8.686	ng	96
12) 1,3-Dichlorobenzene	6.56	146	207249	9.691	ng	99
13) 1,4-Dichlorobenzene	6.64	146	222159	10.086	ng	94
14) 1,2-Dichlorobenzene	6.79	146	204030	10.286	ng	99
15) Benzyl Alcohol	6.77	79	160199	10.403	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.90	45	334942	10.515	ng	96
17) 2-Methylphenol	6.90	107	156772	9.292	ng	96
18) Hexachloroethane	7.13	117	73583	8.769	ng	95
19) n-Nitroso-di-n-propylamine	7.03	70	147104	10.359	ng	91
20) 3+4-Methylphenols	7.06	107	201654	9.193	ng	99
22) Acetophenone	7.03	105	303710	10.930	ng	# 97
24) Nitrobenzene	7.20	77	217306	10.192	ng	95
25) Isophorone	7.45	82	411293	9.978	ng	100
26) 2-Nitrophenol	7.53	139	105478	9.459	ng	97
27) 2,4-Dimethylphenol	7.57	122	174850	10.780	ng	97
28) bis(2-Chloroethoxy)methane	7.66	93	265096	10.232	ng	99
29) 2,4-Dichlorophenol	7.78	162	163827	9.834	ng	95
30) 1,2,4-Trichlorobenzene	7.85	180	184850	10.013	ng	100
31) Naphthalene	7.93	128	634929	11.091	ng	98
32) Benzoic acid	7.68	122	57061	5.367	ng	98
33) 4-Chloroaniline	7.99	127	125056	4.794	ng	99
34) Hexachlorobutadiene	8.05	225	103143	9.666	ng	96
35) Caprolactam	8.33	113	36995	6.788	ng	97
36) 4-Chloro-3-methylphenol	8.48	107	178247	9.891	ng	99
37) 2-Methylnaphthalene	8.62	142	403971	10.312	ng	99
38) 1-Methylnaphthalene	8.72	142	394475	10.382	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	182406	10.918	ng	99

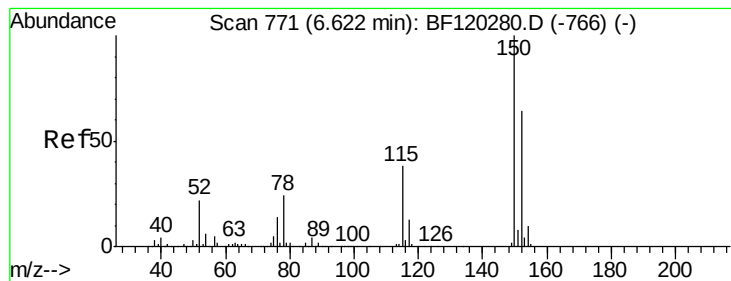
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120306.D
 Acq On : 14 May 2020 22:23
 Operator : MA/SJ
 Sample : L2501-07MS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	43969	12.478	nq	98
43) 2,4,6-Trichlorophenol	8.90	196	114310	10.193	nq	100
44) 2,4,5-Trichlorophenol	8.96	196	126208	9.799	nq	97
46) 1,1'-Biphenyl	9.09	154	503496	11.598	nq	97
47) 2-Chloronaphthalene	9.11	162	378478	10.868	nq	96
48) 2-Nitroaniline	9.21	65	128583	10.120	nq	99
49) Acenaphthylene	9.52	152	607707	11.424	nq	98
50) Dimethylphthalate	9.39	163	509916	12.174	nq	99
51) 2,6-Dinitrotoluene	9.45	165	93272	9.977	nq	94
52) Acenaphthene	9.69	154	349341	10.956	nq	100
53) 3-Nitroaniline	9.62	138	75040	6.731	nq	98
54) 2,4-Dinitrophenol	9.74	184	40350	9.144	nq	98
55) Dibenzofuran	9.86	168	536099	11.675	nq	99
56) 4-Nitrophenol	9.82	139	93457	15.602	nq	97
57) 2,4-Dinitrotoluene	9.86	165	122435	11.165	nq	91
58) Fluorene	10.20	166	425827	12.177	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.99	232	100931	10.413	nq	99
60) Diethylphthalate	10.09	149	454314	11.235	nq	99
61) 4-Chlorophenyl-phenylether	10.20	204	206590	11.363	nq	91
62) 4-Nitroaniline	10.23	138	93908	9.046	nq	96
63) Azobenzene	10.36	77	434541	11.370	nq	99
65) 4,6-Dinitro-2-methylphenol	10.27	198	33117	4.980	nq	97
66) n-Nitrosodiphenylamine	10.32	169	378167	10.396	nq	98
67) 4-Bromophenyl-phenylether	10.69	248	130994	10.267	nq	94
68) Hexachlorobenzene	10.76	284	141739	10.619	nq	# 91
69) Atrazine	10.85	200	114365	10.507	nq	99
70) Pentachlorophenol	10.96	266	108498	19.112	nq	100
71) Phenanthrene	11.17	178	634167	11.478	nq	98
72) Anthracene	11.22	178	706599	11.947	nq	98
73) Carbazole	11.38	167	611625	11.067	nq	98
74) Di-n-butylphthalate	11.71	149	779499	11.704	nq	97
75) Fluoranthene	12.35	202	651169	10.996	nq	98
77) Benzidine	12.48	184	260833	12.716	nq	96
78) Pyrene	12.58	202	652765	13.035	nq	99
80) Butylbenzylphthalate	13.20	149	263887	11.191	nq	94
81) Benzo(a)anthracene	13.77	228	396875	10.712	nq	98
82) 3,3'-Dichlorobenzidine	13.73	252	139038	9.959	nq	98
83) Chrysene	13.80	228	412455	10.368	nq	98
84) Bis(2-ethylhexyl)phthalate	13.77	149	304769	10.388	nq	100
85) Di-n-octyl phthalate	14.38	149	535471	10.146	nq	100
86) Indeno(1,2,3-cd)pyrene	16.50	276	369572	10.235	nq	99
88) Benzo(b)fluoranthene	14.78	252	319274	9.116	nq	99
89) Benzo(k)fluoranthene	14.81	252	356971	11.764	nq	98
90) Benzo(a)pyrene	15.12	252	317680	10.114	nq	99
91) Dibenzo(a,h)anthracene	16.51	278	312436	11.228	nq	98
92) Benzo(g,h,i)perylene	16.89	276	291402	10.385	nq	96

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

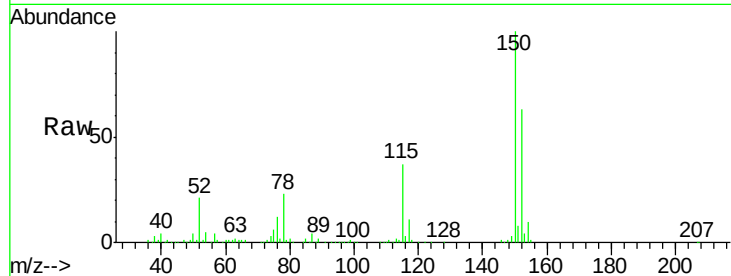


#1

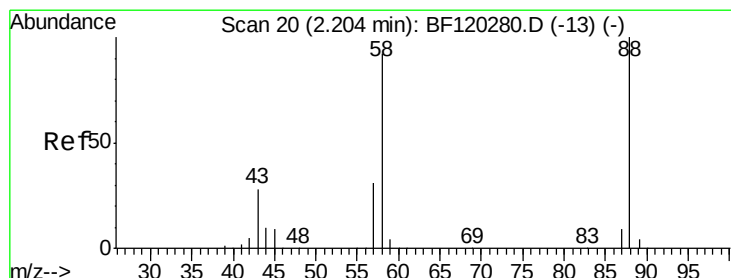
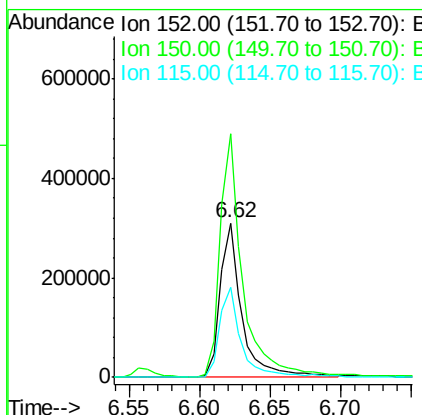
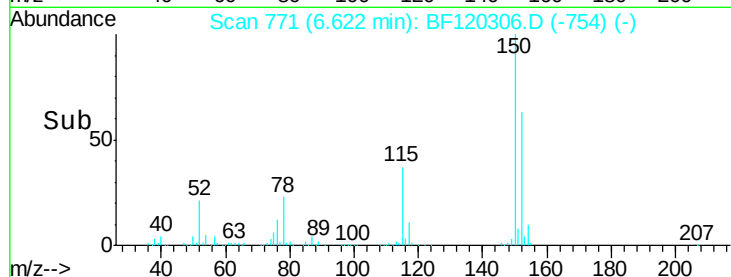
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	152	Resp	333516
Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	58.2	47.9	71.9



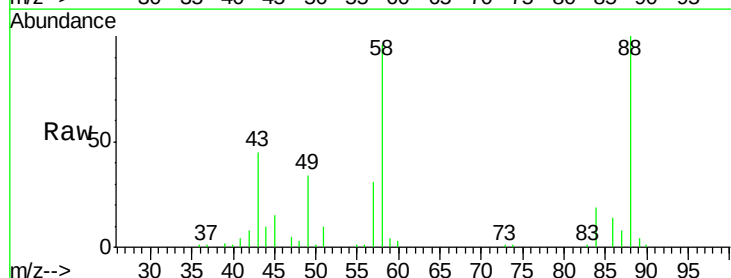
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



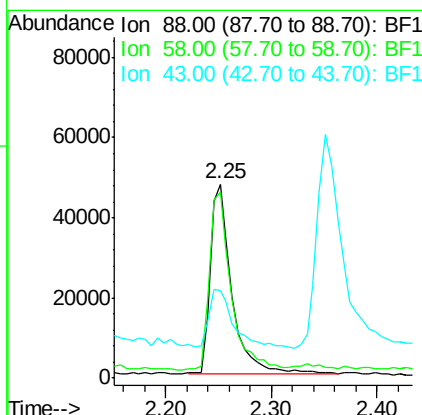
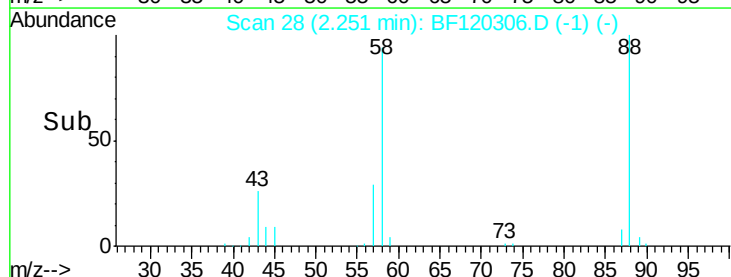
#2

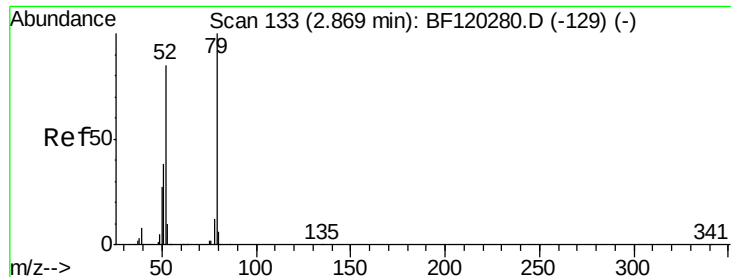
1,4-Dioxane
Concen: 9.852 ng
RT: 2.25 min Scan# 28
Delta R.T. 0.05 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Tgt Ion	88	Resp	67176
Ion	Ratio	Lower	Upper
88	100		
58	94.4	75.8	113.6
43	37.4	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

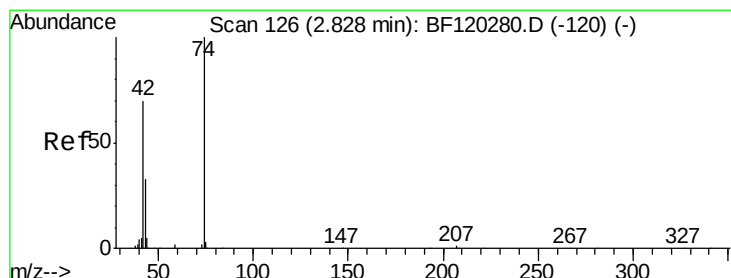
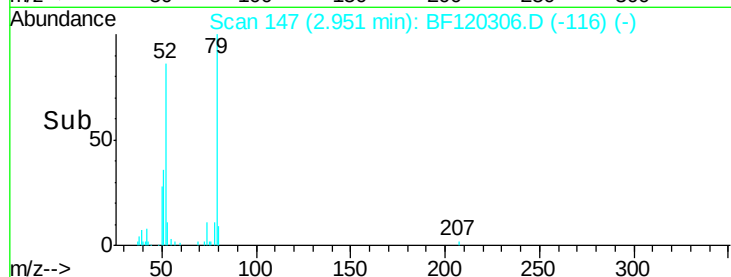
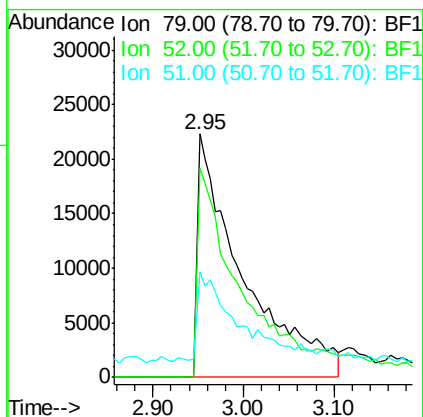
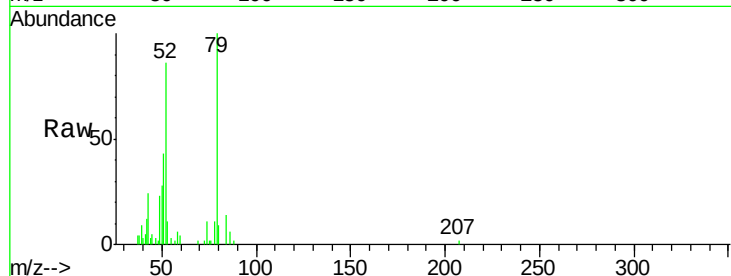




#3
 Pvridine
 Concen: 3.585 ng
 RT: 2.95 min Scan# 147
 Delta R.T. 0.08 min
 Lab File: BF120306.D
 Acq: 14 May 2020 22:23

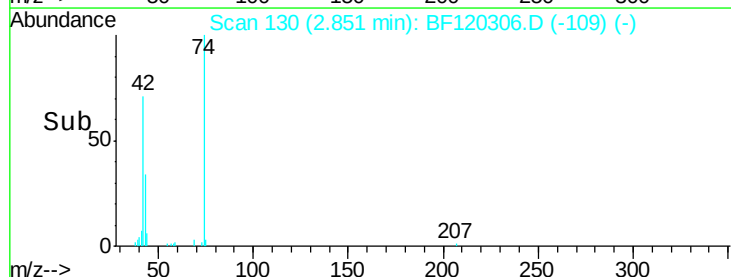
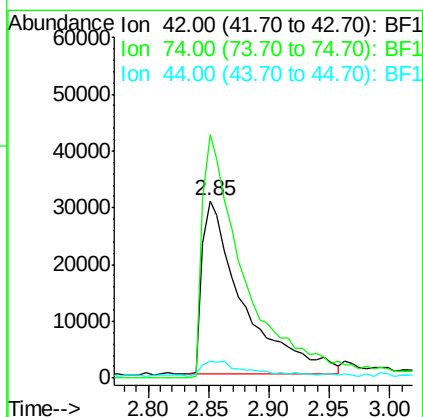
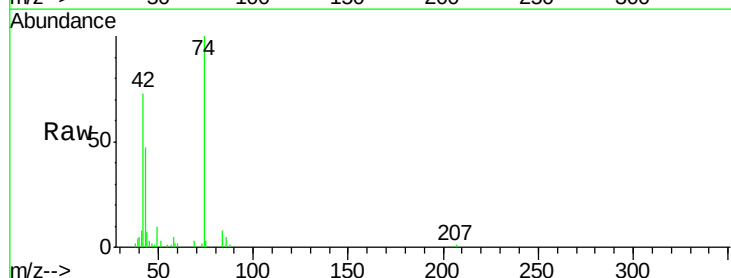
Instrument :
 BNA_F
 ClientSampleId :

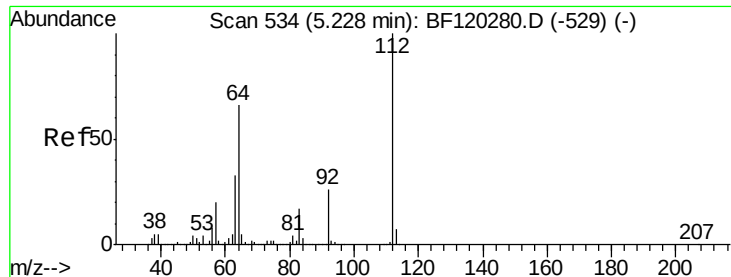
Tot Ion: 79 Resp: 76843
 Ion Ratio Lower Upper
 79 100
 52 85.6 68.4 102.6
 51 43.4 31.0 46.4



#4
 n-Nitrosodimethylamine
 Concen: 8.607 ng
 RT: 2.85 min Scan# 130
 Delta R.T. 0.02 min
 Lab File: BF120306.D
 Acq: 14 May 2020 22:23

Tgt Ion: 42 Resp: 72239
 Ion Ratio Lower Upper
 42 100
 74 137.3 114.8 172.2
 44 9.6 5.6 8.4#





#5

2-Fluorophenol

Concen: 28.088 ng

RT: 5.24 min Scan# 536

Delta R.T. 0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

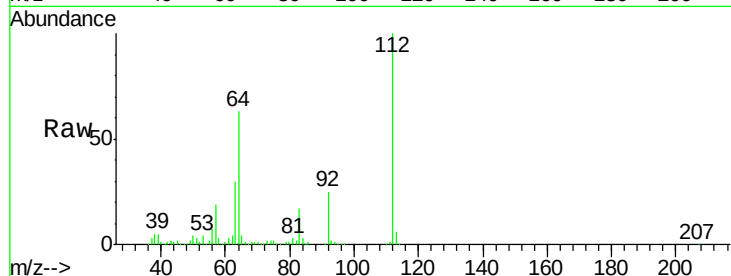
Tot Ion:112 Resp: 481457

Ion Ratio Lower Upper

112 100

64 62.5 52.7 79.1

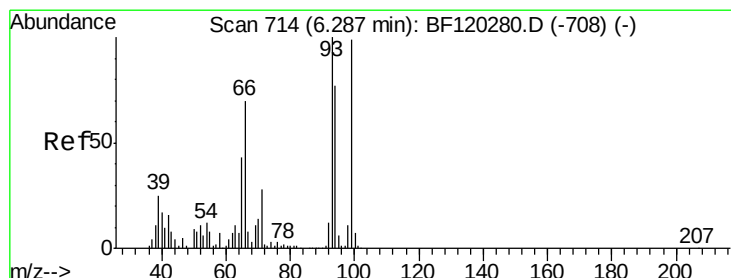
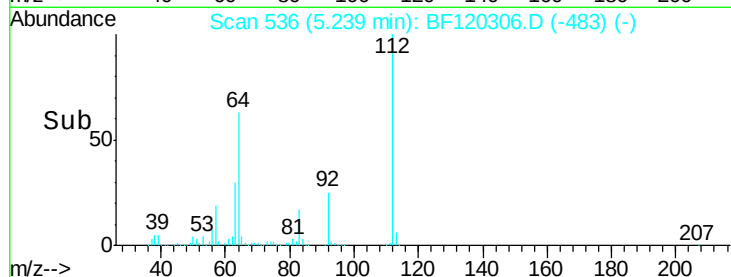
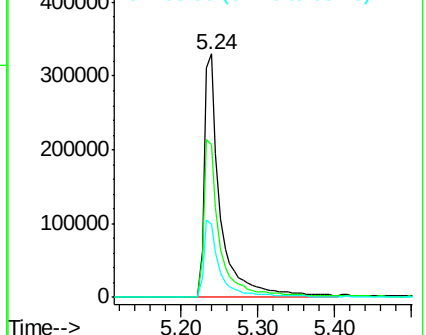
63 30.2 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.563 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

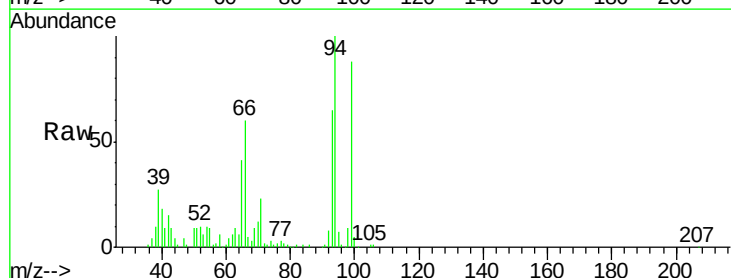
Tgt Ion: 93 Resp: 154211

Ion Ratio Lower Upper

93 100

66 92.0 56.2 84.4#

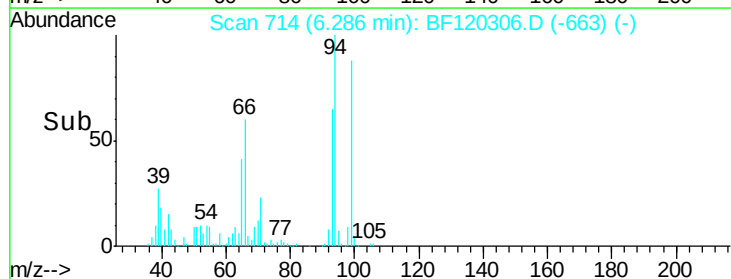
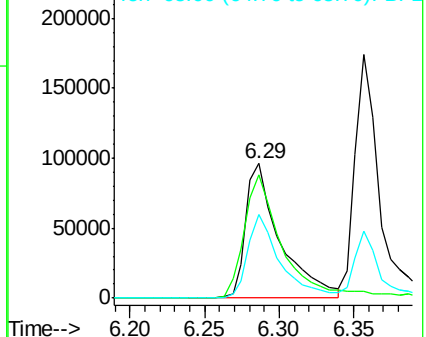
65 62.6 34.2 51.2#

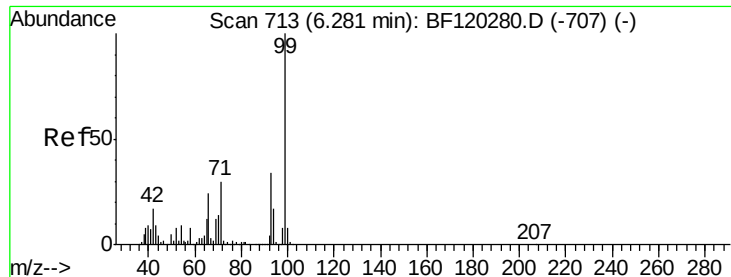


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 25.881 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

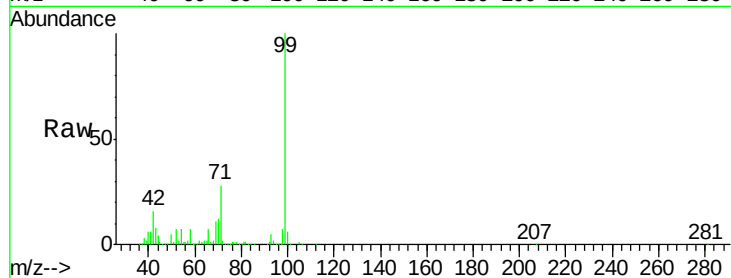
Tot Ion: 99 Resp: 561002

Ion Ratio Lower Upper

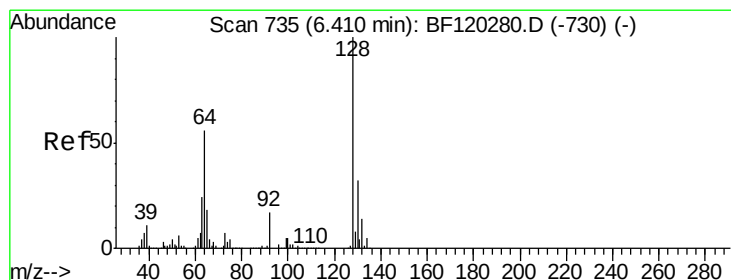
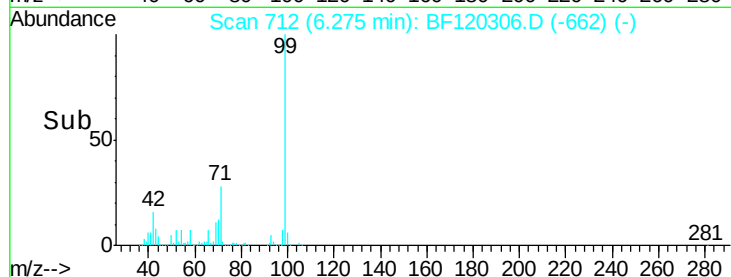
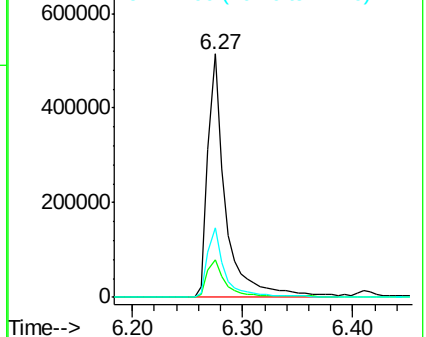
99 100

42 15.6 13.6 20.4

71 28.5 24.2 36.4



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



#8

2-Chlorophenol

Concen: 10.195 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

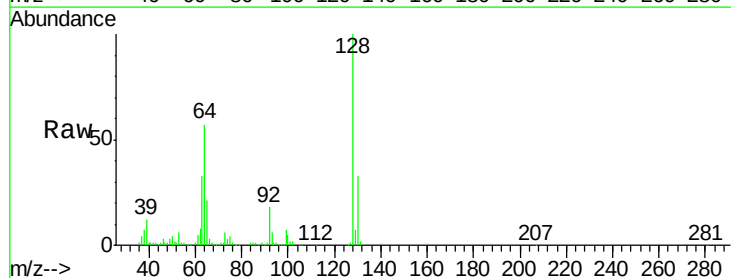
Tgt Ion: 128 Resp: 203767

Ion Ratio Lower Upper

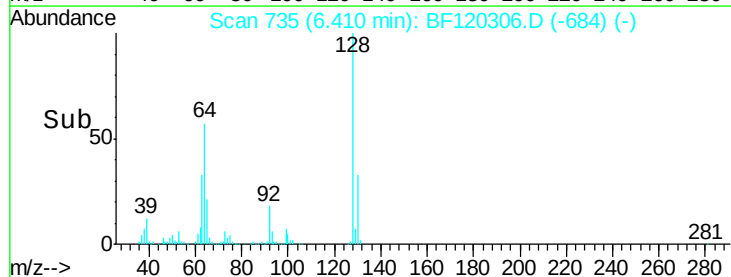
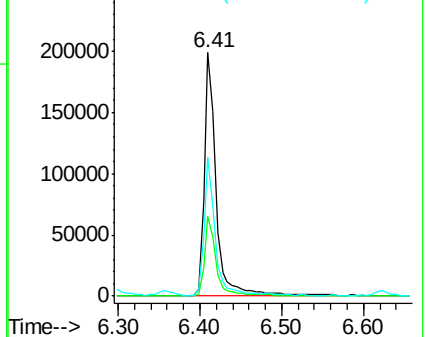
128 100

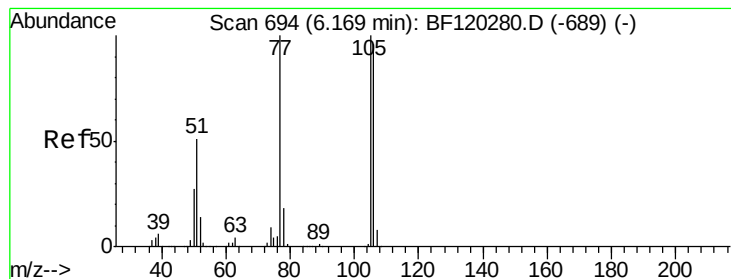
130 32.7 12.4 52.4

64 56.8 36.7 76.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 10.204 ng

RT: 6.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

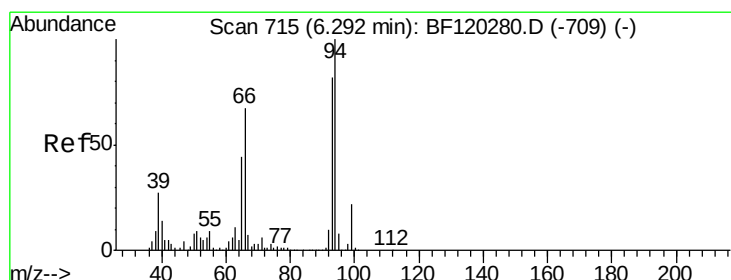
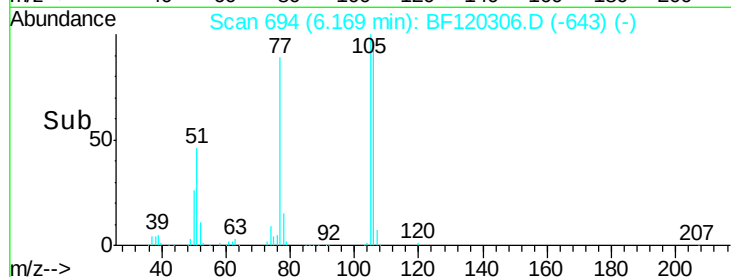
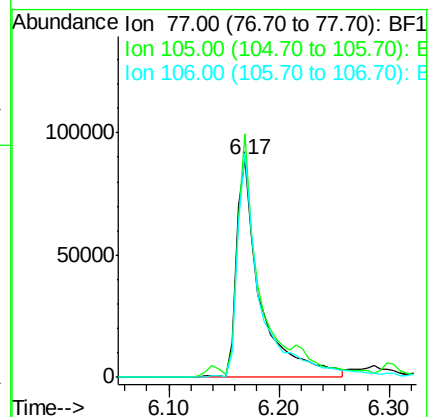
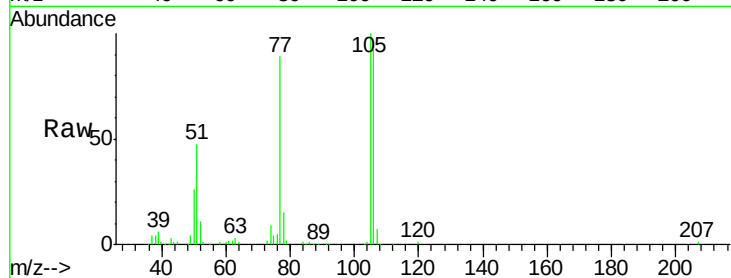
Tot Ion: 77 Resp: 136353

Ion Ratio Lower Upper

77 100

105 112.0 79.9 119.9

106 103.1 75.7 115.7



#10

Phenol

Concen: 8.210 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

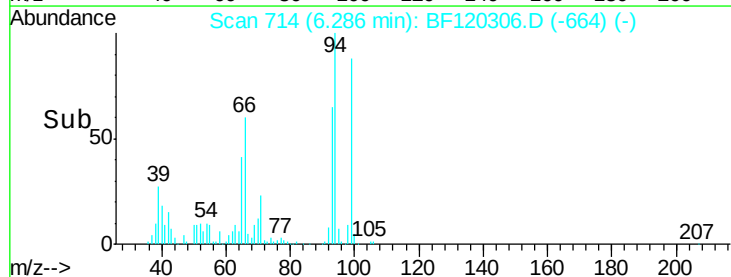
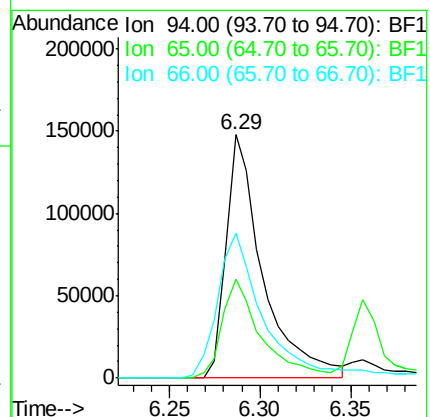
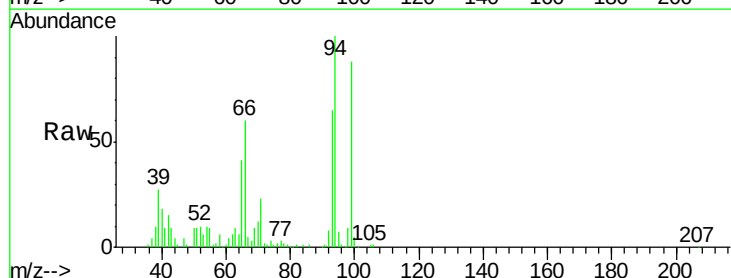
Tgt Ion: 94 Resp: 207742

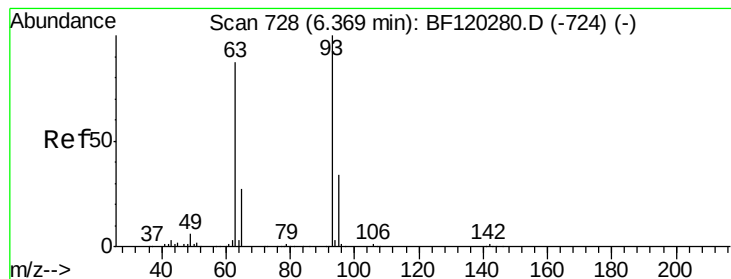
Ion Ratio Lower Upper

94 100

65 40.7 24.1 64.1

66 59.8 47.5 87.5





#11

bis(2-Chloroethyl)ether

Concen: 8.686 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

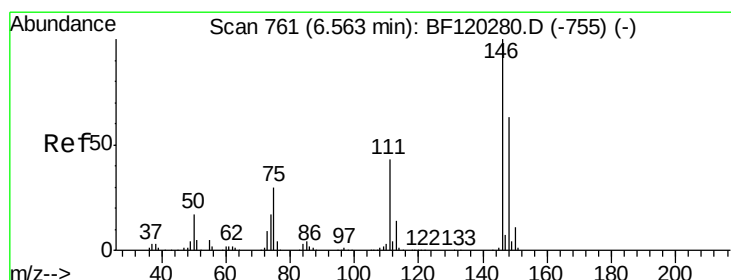
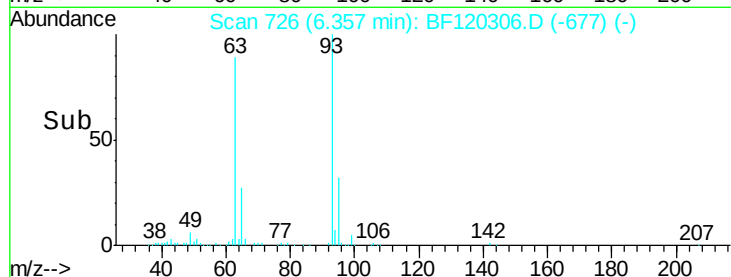
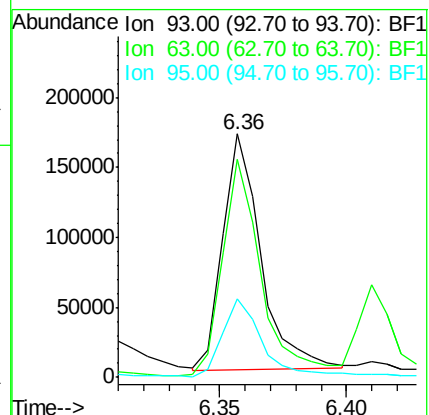
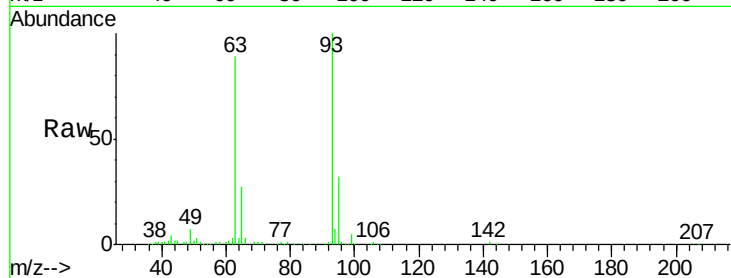
Tot Ion: 93 Resp: 175568

Ion Ratio Lower Upper

93 100

63 89.5 65.4 105.4

95 32.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 9.691 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

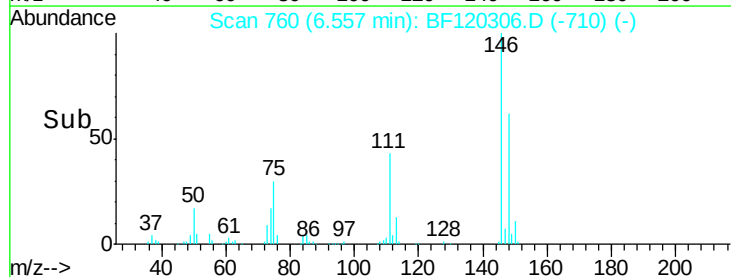
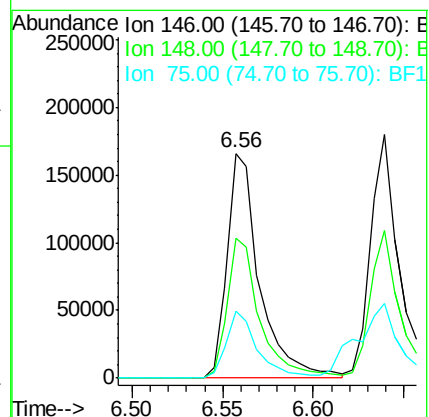
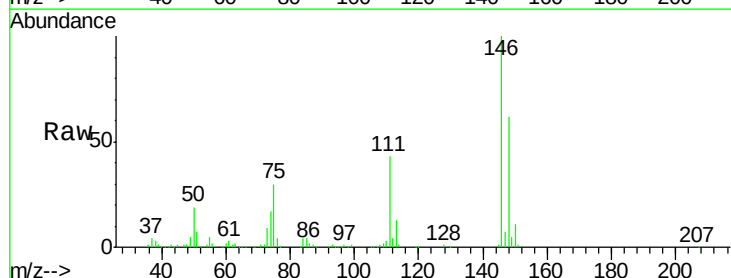
Tgt Ion: 146 Resp: 207249

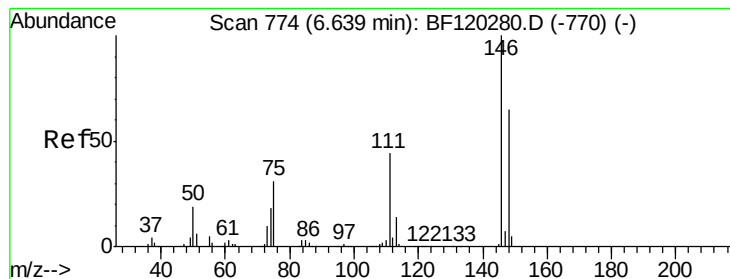
Ion Ratio Lower Upper

146 100

148 62.4 50.5 75.7

75 30.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 10.086 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

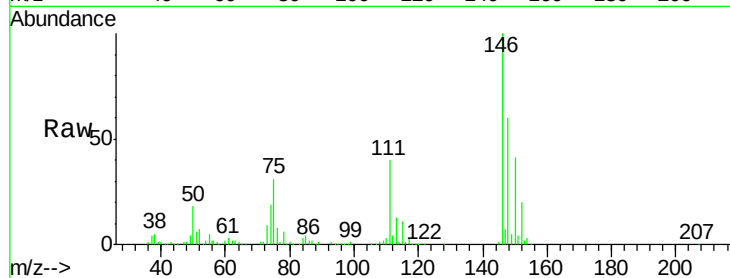
Tot Ion:146 Resp: 222159

Ion Ratio Lower Upper

146 100

148 60.5 51.6 77.4

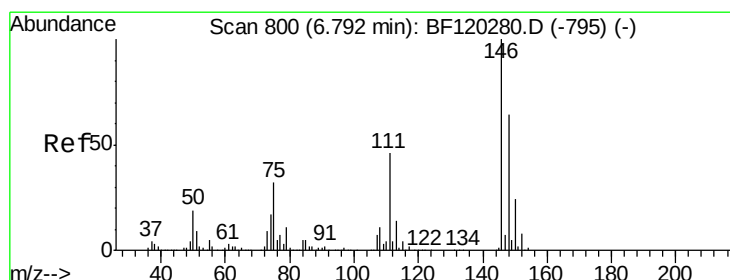
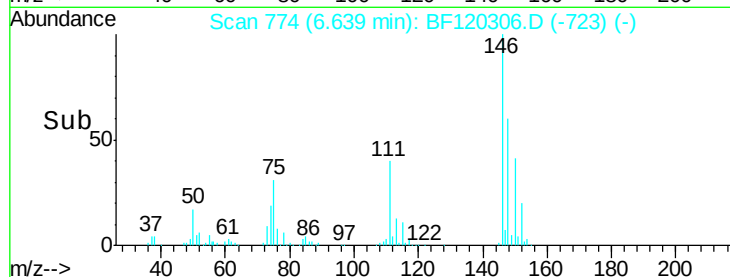
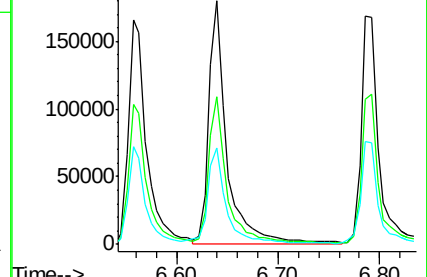
111 39.8 35.1 52.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 10.286 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

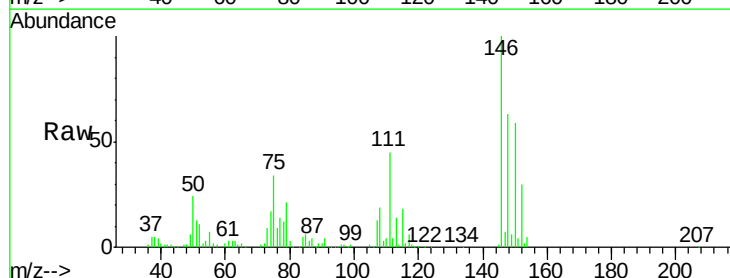
Tgt Ion:146 Resp: 204030

Ion Ratio Lower Upper

146 100

148 63.4 51.1 76.7

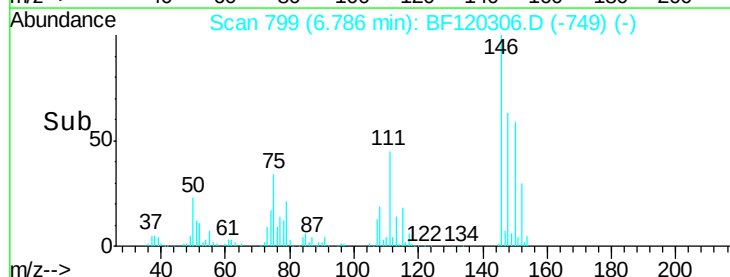
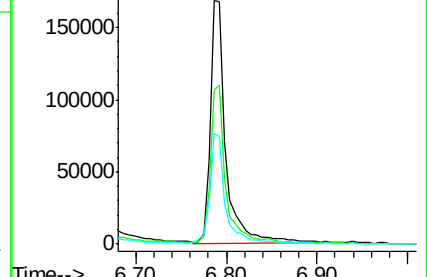
111 45.3 36.6 55.0

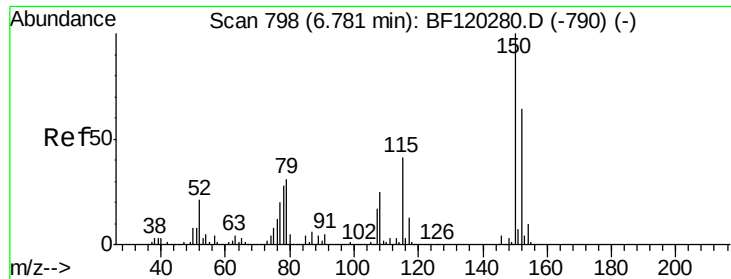


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.403 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

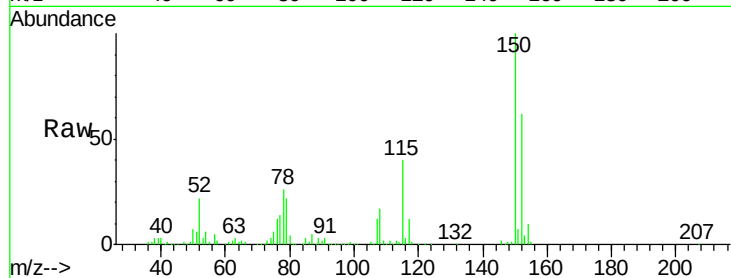
Tot Ion: 79 Resp: 160199

Ion Ratio Lower Upper

79 100

108 79.6 64.2 96.4

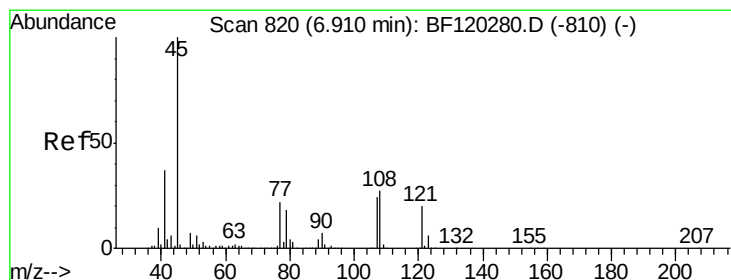
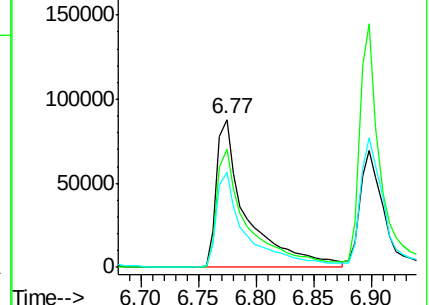
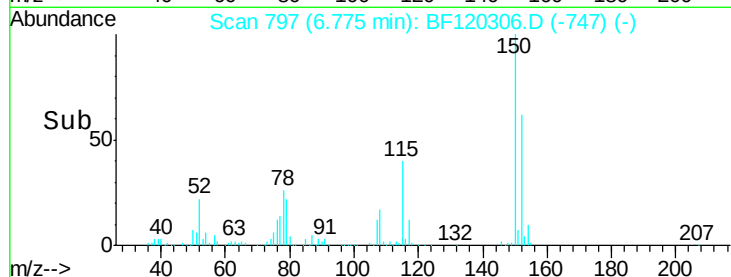
77 64.5 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.515 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

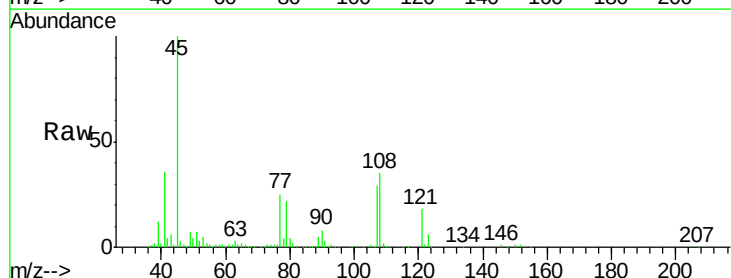
Tgt Ion: 45 Resp: 334942

Ion Ratio Lower Upper

45 100

77 25.0 3.1 43.1

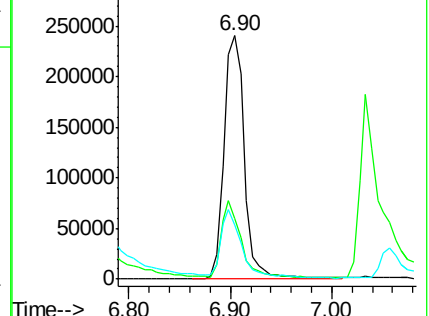
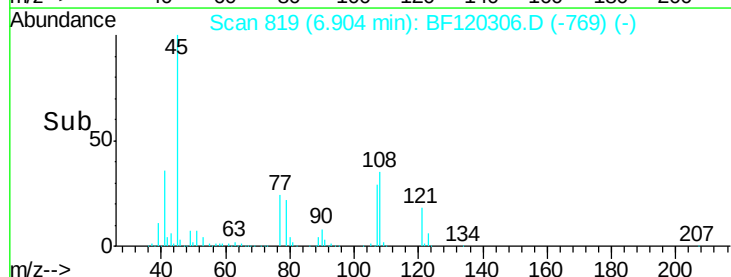
79 22.3 0.0 40.0

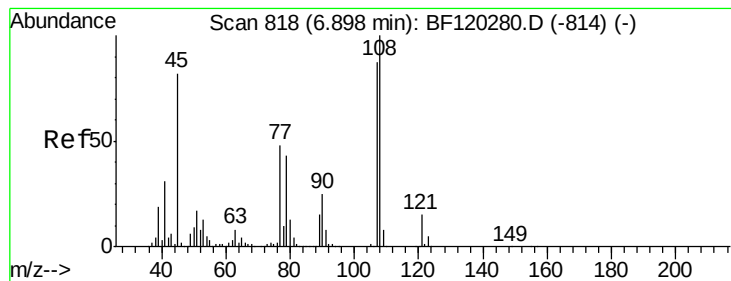


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 9.292 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 156772

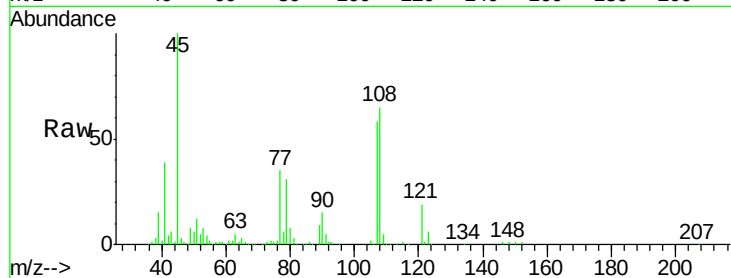
Ion Ratio Lower Upper

107 100

108 112.6 92.4 138.6

77 59.9 44.5 66.7

79 53.9 40.4 60.6

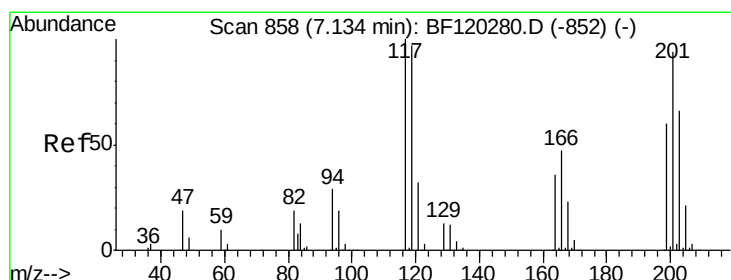
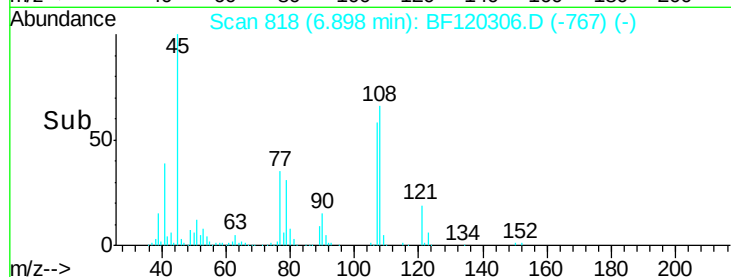
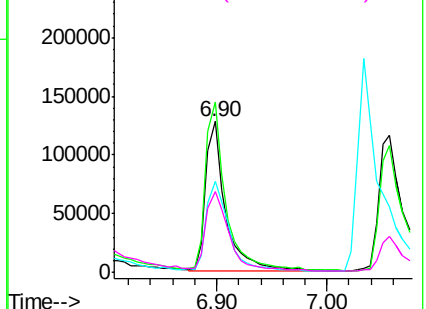


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.769 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

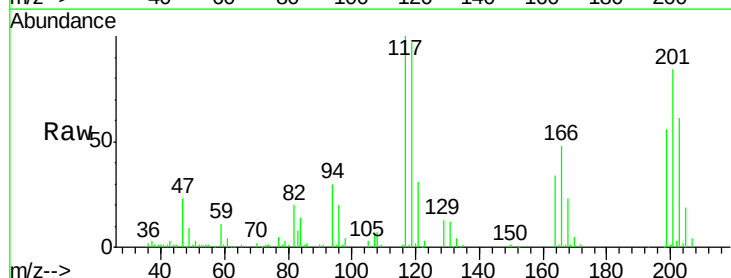
Tgt Ion:117 Resp: 73583

Ion Ratio Lower Upper

117 100

119 96.8 77.4 116.0

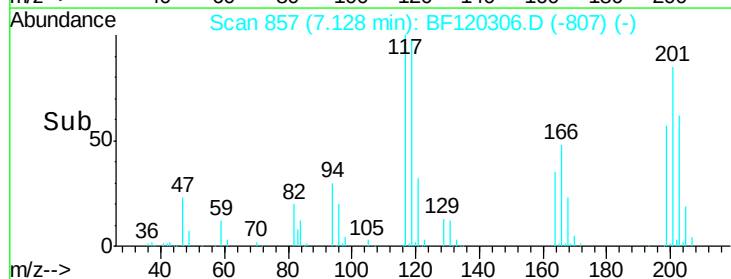
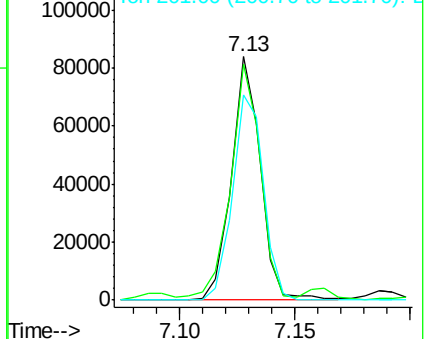
201 84.2 74.9 112.3

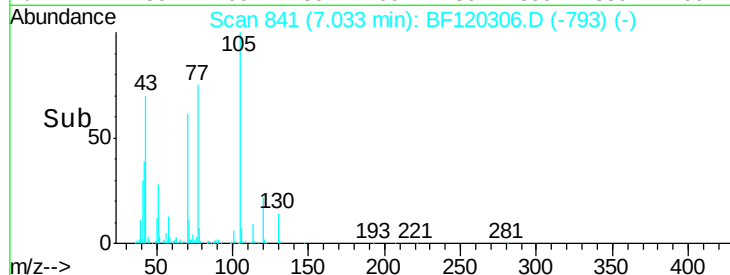
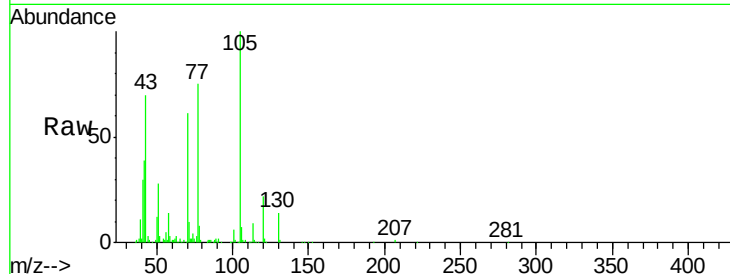
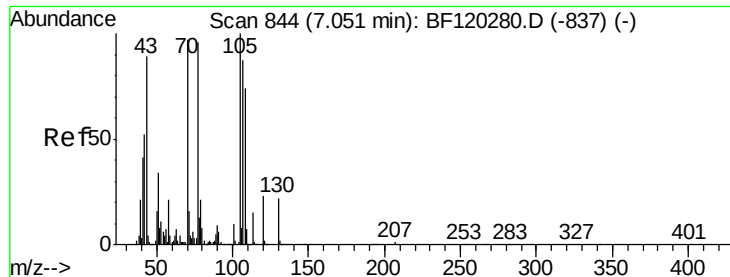


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

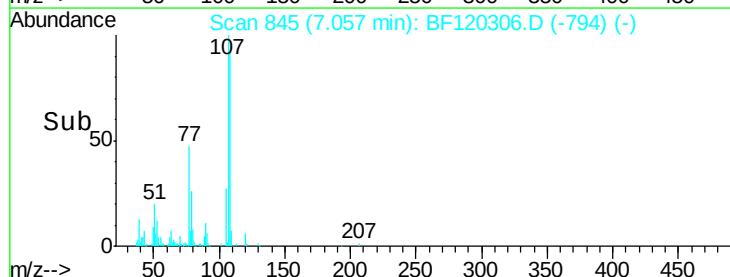
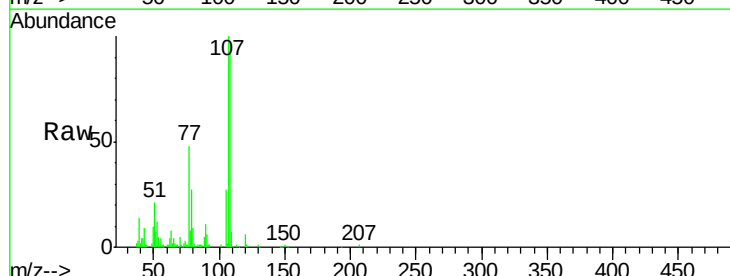
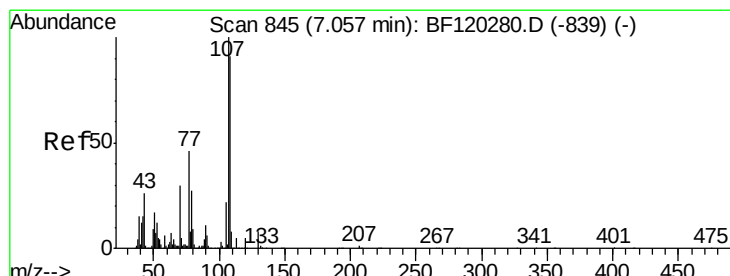
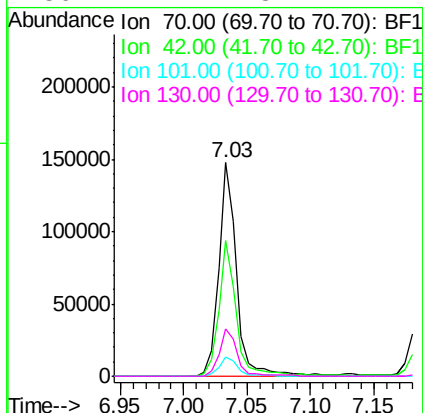




#19
n-Nitroso-di-n-propylamine
Concen: 10.359 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

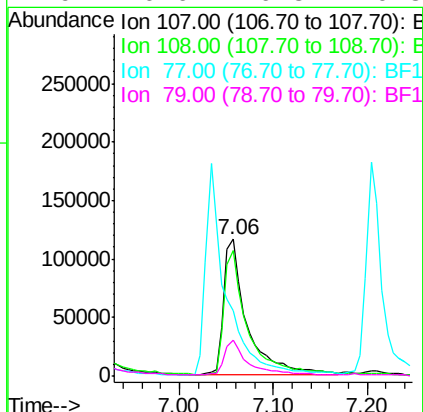
Instrument :
BNA_F
ClientSampleId :

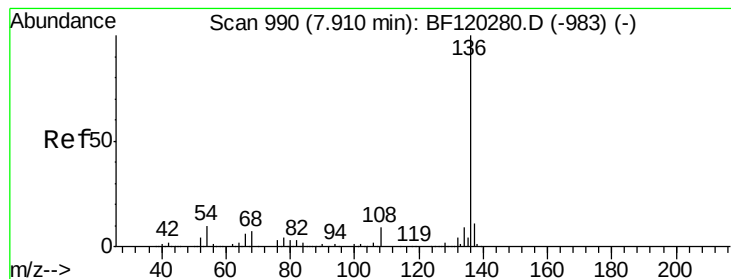
Tot Ion:	70	Resp:	147104
Ion	Ratio	Lower	Upper
70	100		
42	63.5	43.4	65.0
101	9.2	7.8	11.8
130	22.2	18.2	27.4



#20
3+4-Methylphenols
Concen: 9.193 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Tgt Ion:	107	Resp:	201654
Ion	Ratio	Lower	Upper
107	100		
108	92.4	71.1	111.1
77	47.9	28.1	68.1
79	26.6	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1356373

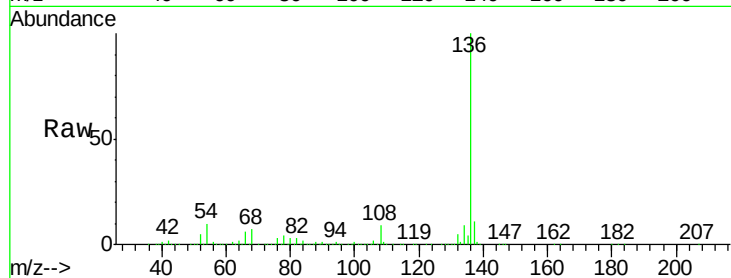
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.5 7.9 11.9

68 7.1 5.4 8.2

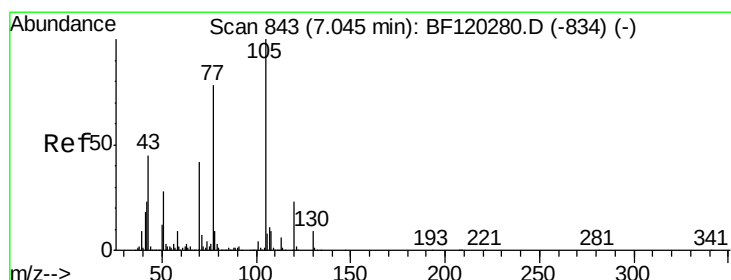
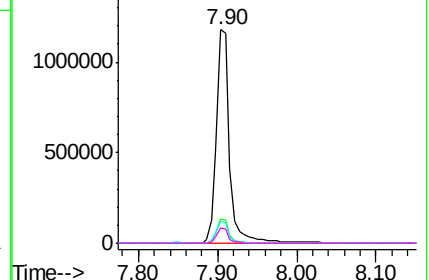
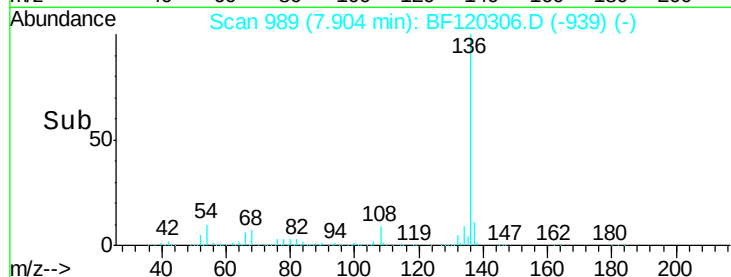


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.930 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Tgt Ion:105 Resp: 303710

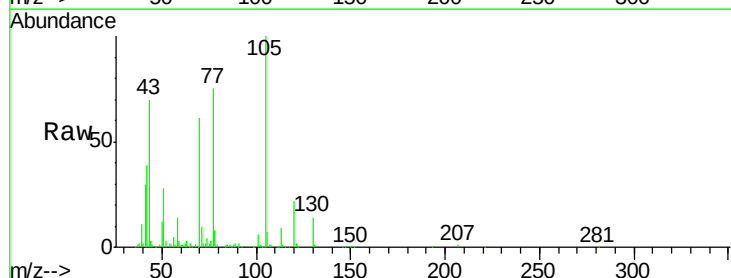
Ion Ratio Lower Upper

105 100

71 10.5 5.6 8.4#

51 27.8 22.6 34.0

120 21.8 18.7 28.1

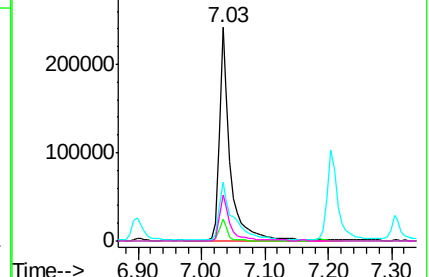
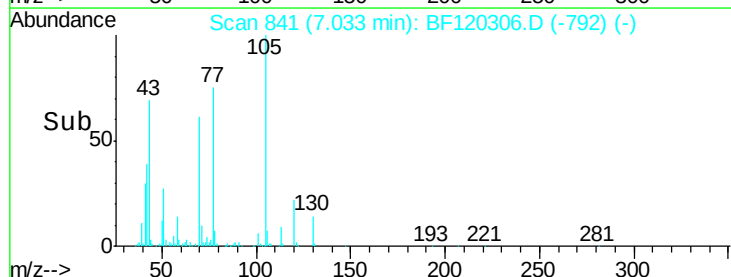


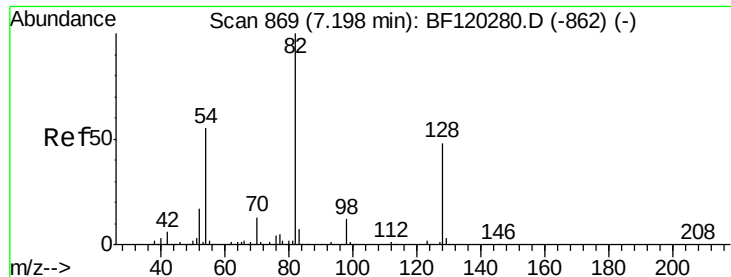
Abundance Ion 105.00 (104.70 to 105.70): E

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

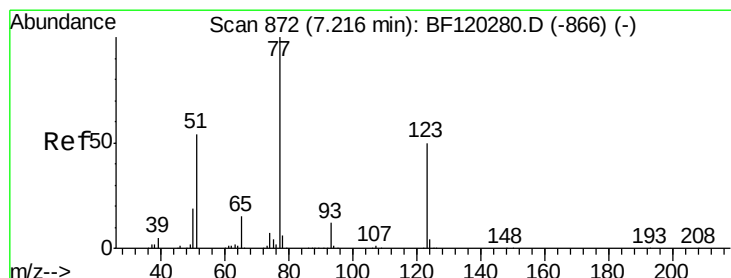
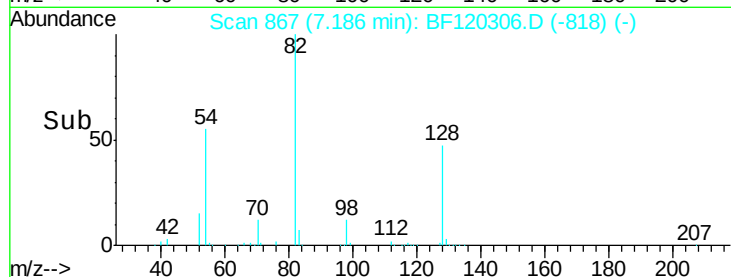
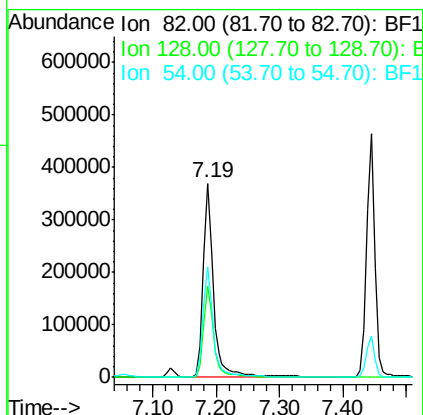
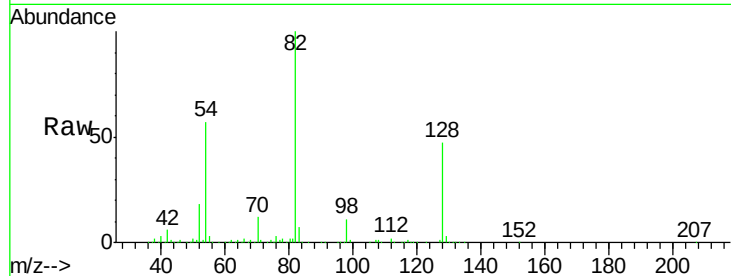




#23
 Nitrobenzene-d5
 Concen: 21.379 ng
 RT: 7.19 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF120306.D
 Acq: 14 May 2020 22:23

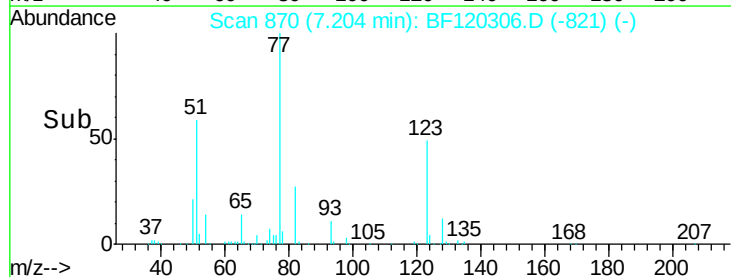
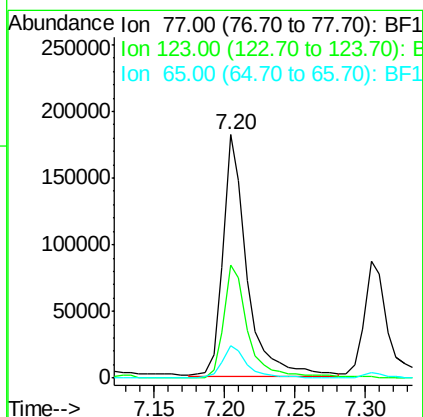
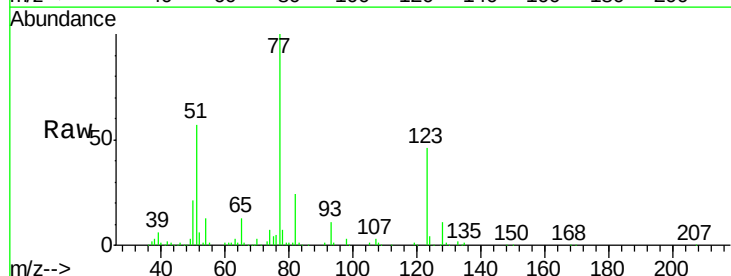
Instrument :
 BNA_F
 ClientSampled :

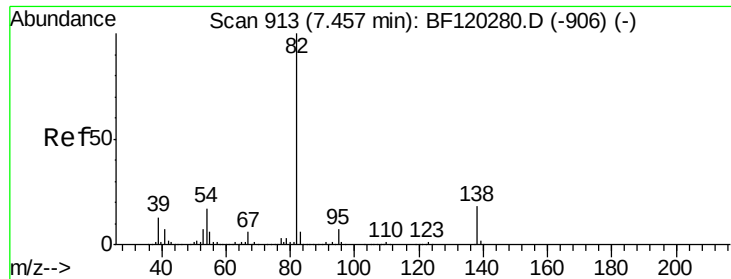
Tot Ion	82	Resp	423535
Ion Ratio	Lower	Upper	
82	100		
128	46.9	38.3	57.5
54	56.9	43.9	65.9



#24
 Nitrobenzene
 Concen: 10.192 ng
 RT: 7.20 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF120306.D
 Acq: 14 May 2020 22:23

Tgt Ion	77	Resp	217306
Ion Ratio	Lower	Upper	
77	100		
123	46.5	40.0	60.0
65	13.1	11.7	17.5





#25

Isophorone

Concen: 9.978 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

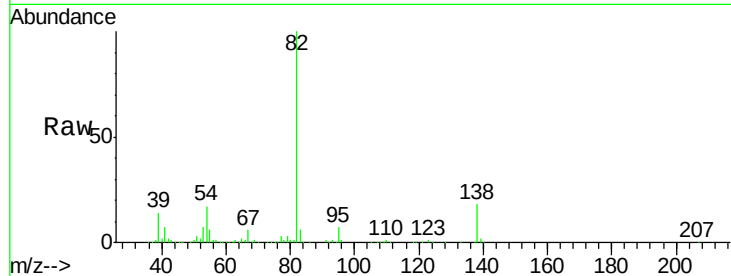
Tot Ion: 82 Resp: 411293

Ion Ratio Lower Upper

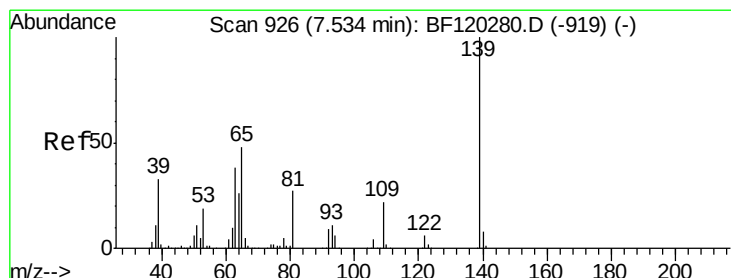
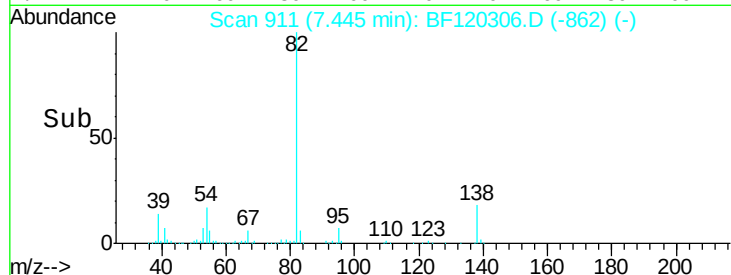
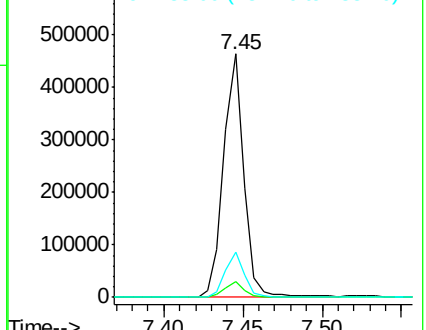
82 100

95 6.5 5.4 8.0

138 18.4 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 9.459 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

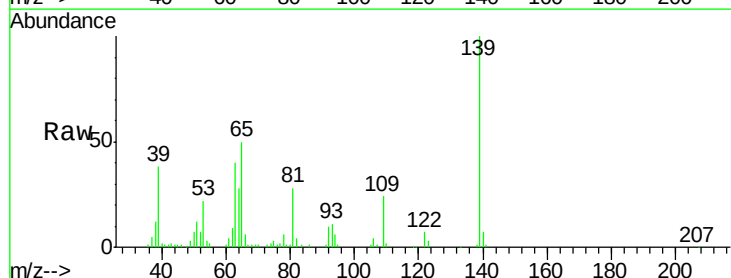
Tgt Ion: 139 Resp: 105478

Ion Ratio Lower Upper

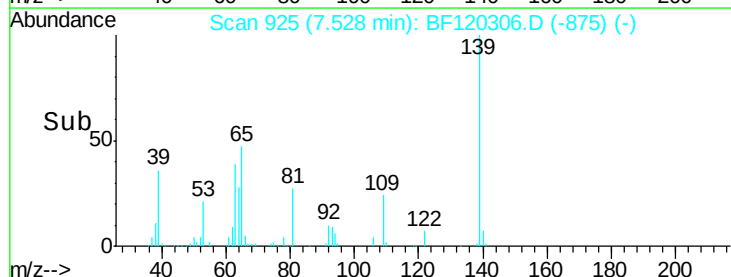
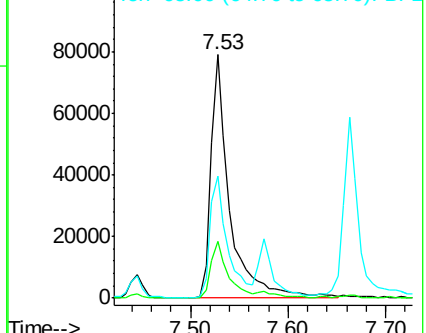
139 100

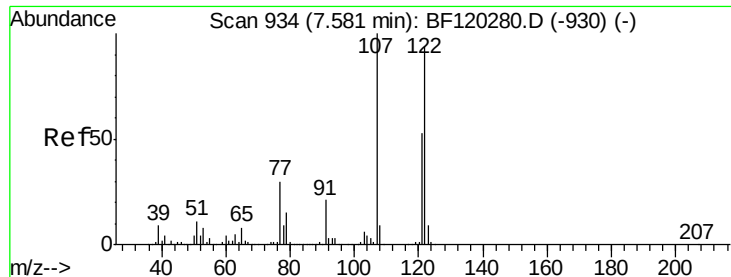
109 23.5 17.7 26.5

65 50.1 38.3 57.5



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





#27

2,4-Dimethylphenol

Concen: 10.780 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampled :

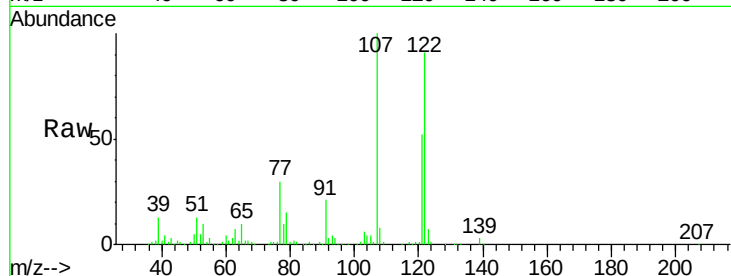
Tot Ion:122 Resp: 174850

Ion Ratio Lower Upper

122 100

107 109.8 85.0 127.6

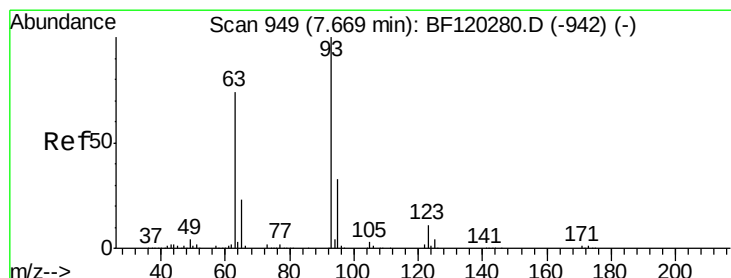
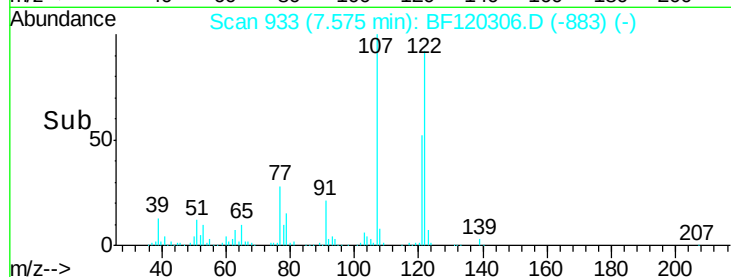
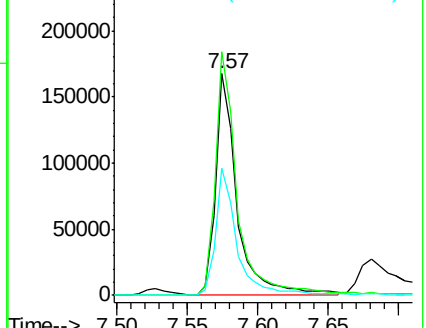
121 57.1 45.1 67.7



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: 10.232 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

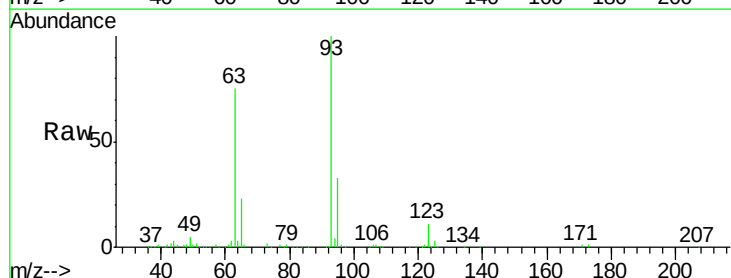
Tgt Ion: 93 Resp: 265096

Ion Ratio Lower Upper

93 100

95 32.9 26.8 40.2

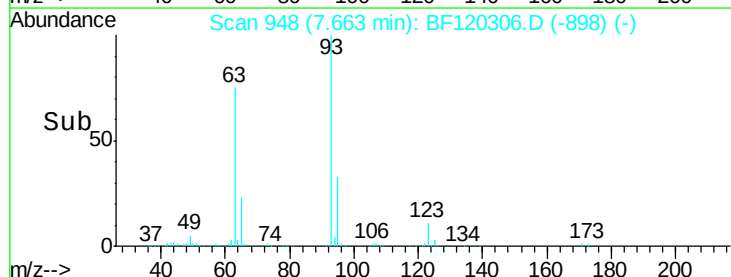
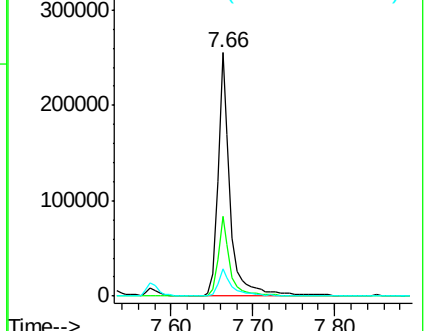
123 11.2 9.2 13.8

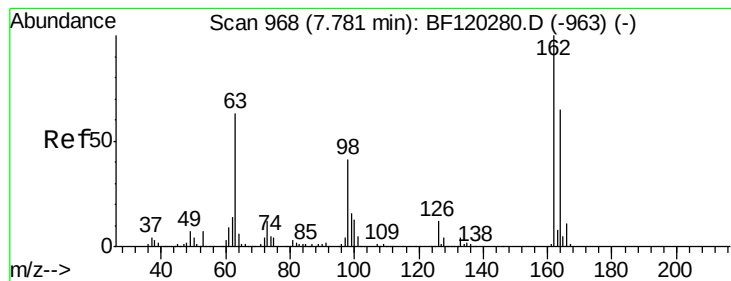


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 9.834 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

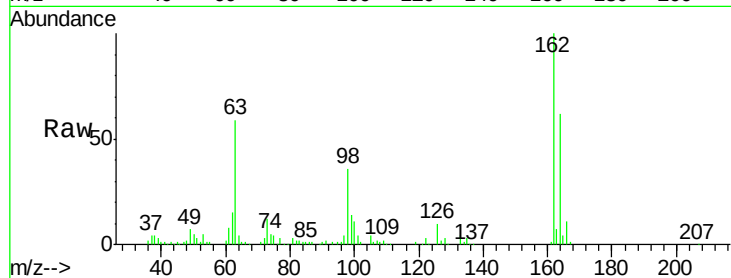
Tot Ion:162 Resp: 163827

Ion Ratio Lower Upper

162 100

164 62.2 44.9 84.9

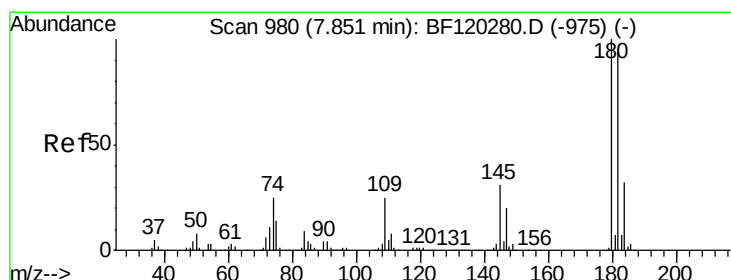
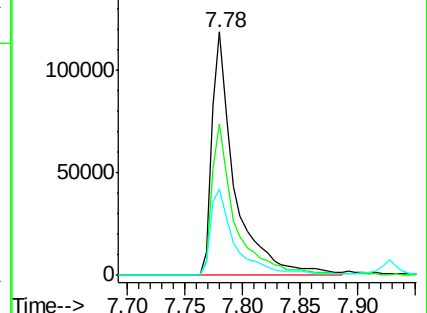
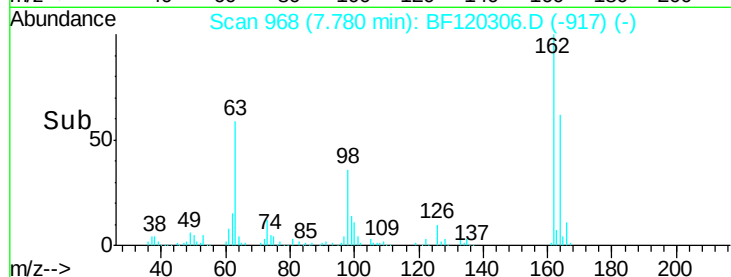
98 35.6 20.7 60.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 10.013 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

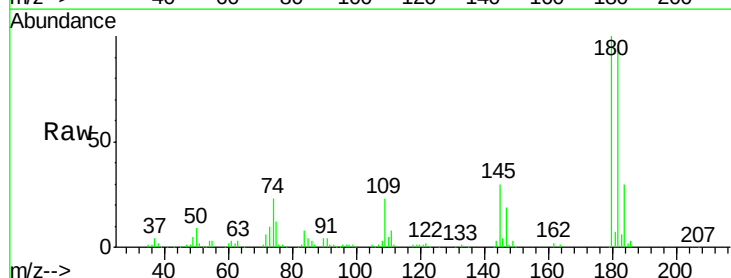
Tgt Ion:180 Resp: 184850

Ion Ratio Lower Upper

180 100

182 94.2 75.3 112.9

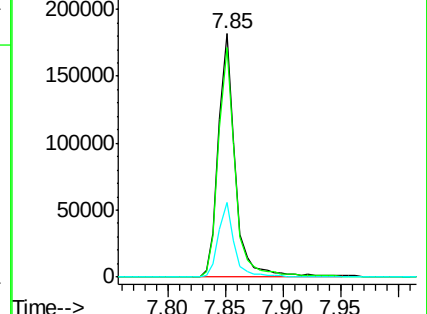
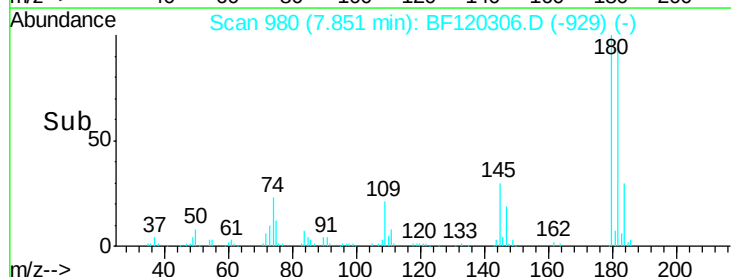
145 30.5 24.9 37.3

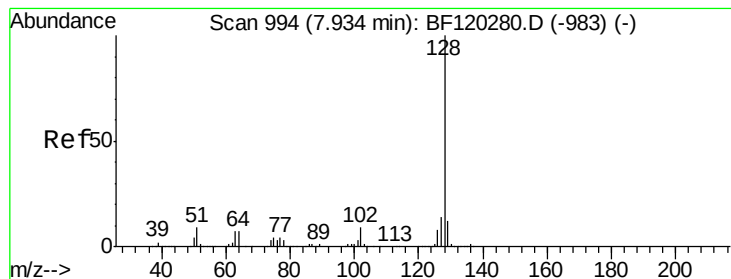


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 11.091 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

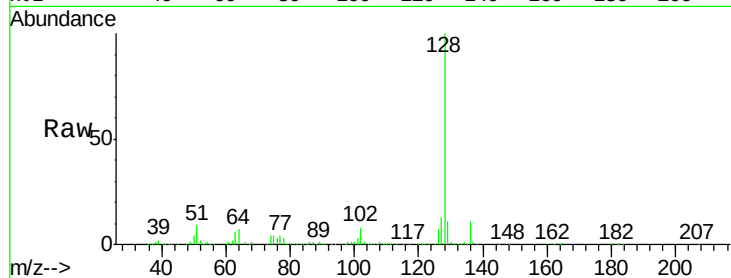
Tot Ion:128 Resp: 634929

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

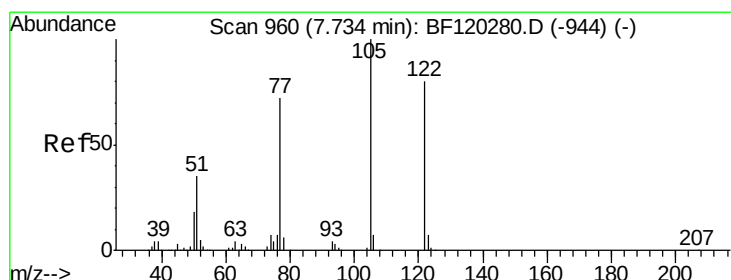
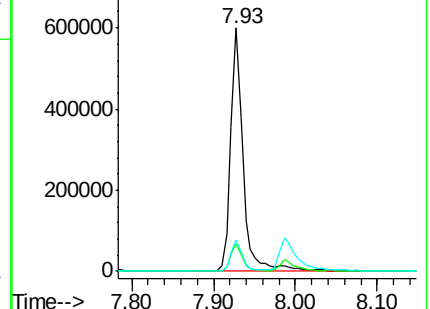
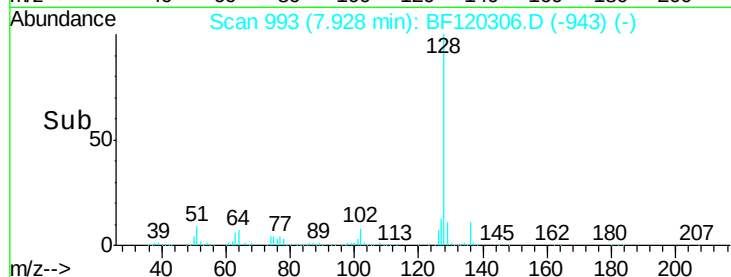
127 12.9 11.2 16.8



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: 5.367 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

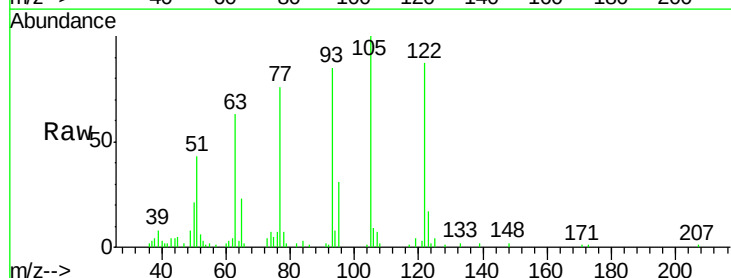
Tgt Ion:122 Resp: 57061

Ion Ratio Lower Upper

122 100

105 114.9 98.1 138.1

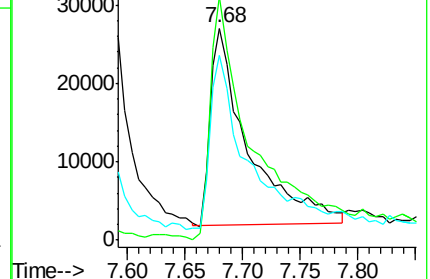
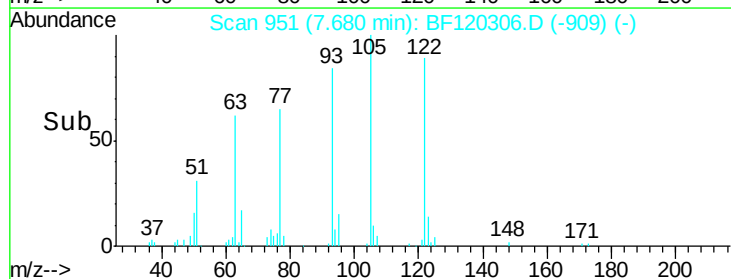
77 87.2 66.7 106.7

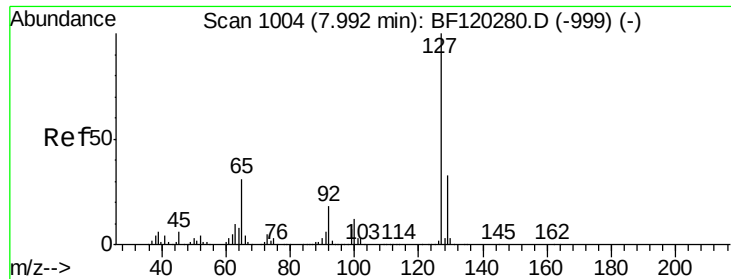


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

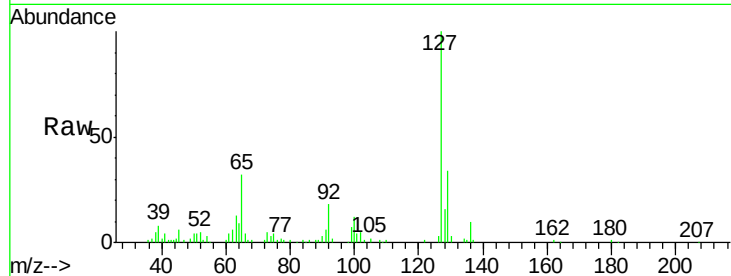




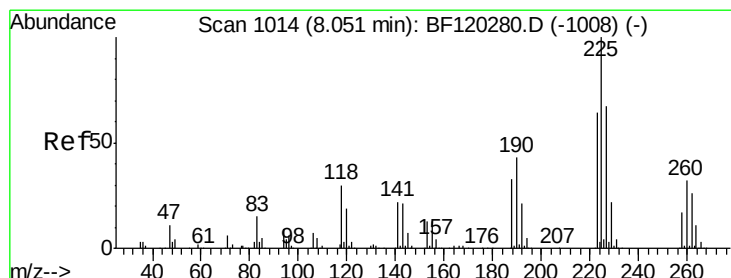
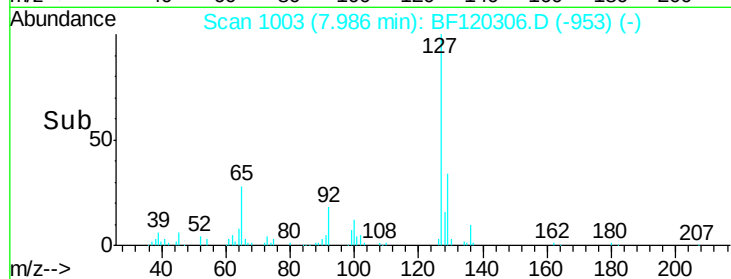
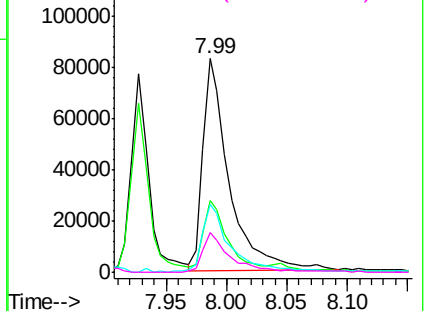
#33
4-Chloroaniline
Concen: 4.794 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	125056
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.4	39.6
65	32.0	24.8	37.2
92	18.5	14.5	21.7

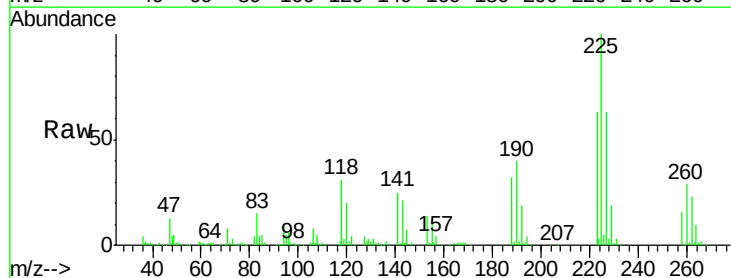


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

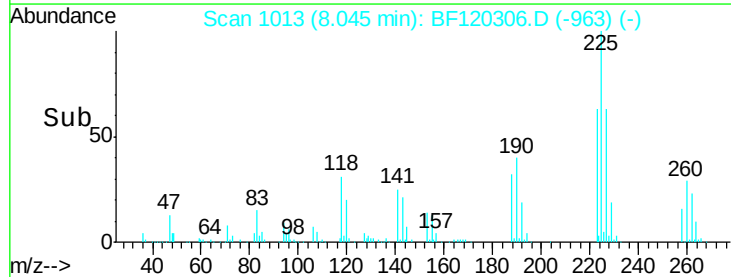
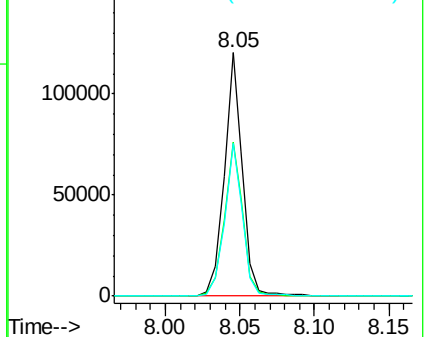


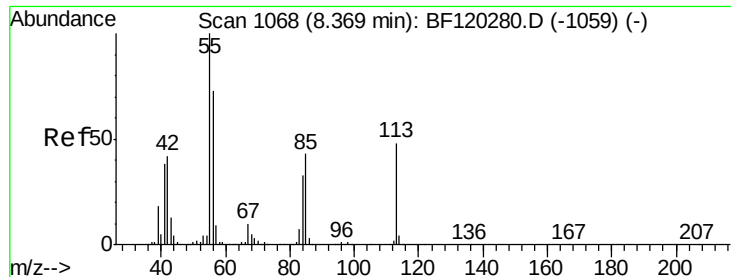
#34
Hexachlorobutadiene
Concen: 9.666 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Tgt Ion:	225	Resp:	103143
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.0
227	63.0	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

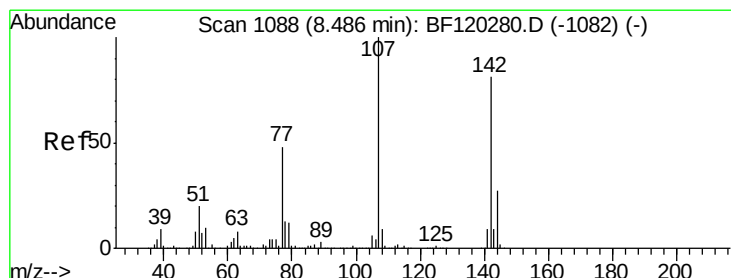
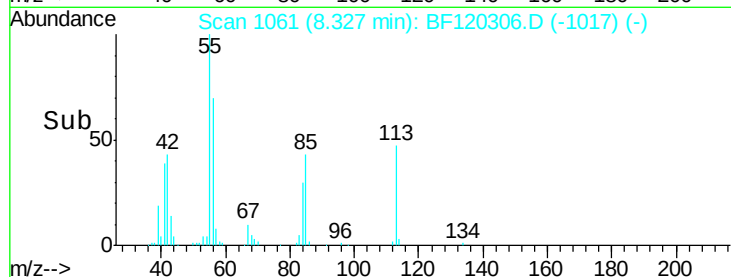
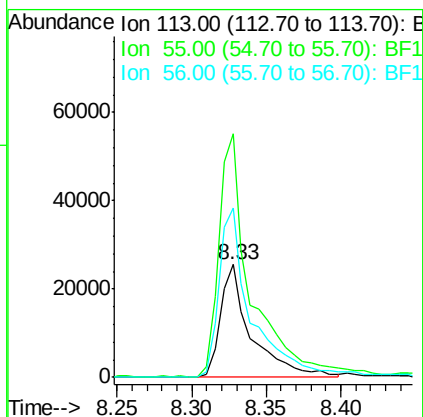
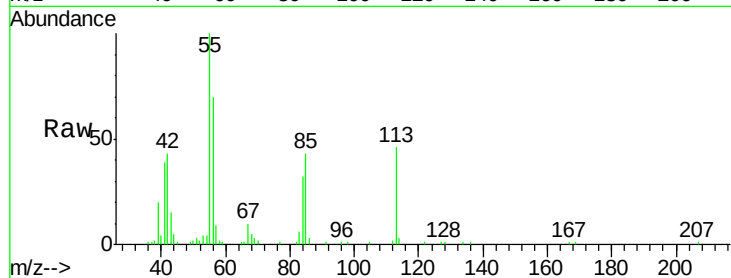




#35
 Caprolactam
 Concen: 6.788 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. -0.04 min
 Lab File: BF120306.D
 Acq: 14 May 2020 22:23

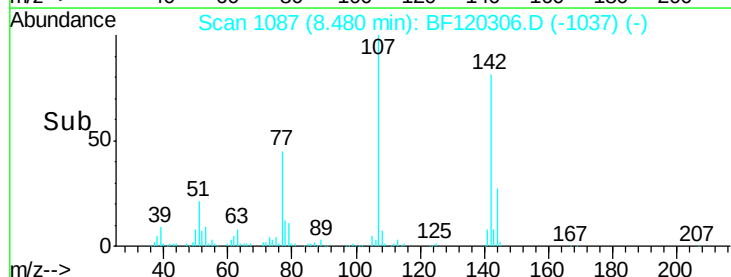
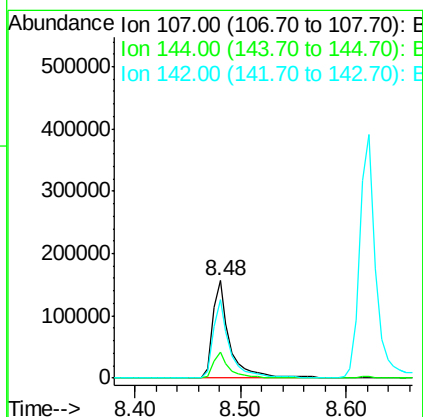
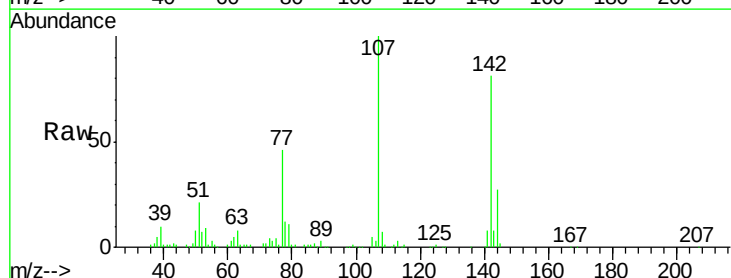
Instrument :
 BNA_F
 ClientSampled :

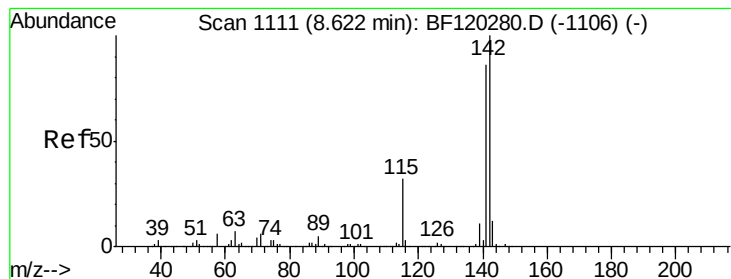
Tot Ion:113 Resp: 36995
 Ion Ratio Lower Upper
 113 100
 55 215.6 190.4 230.4
 56 150.5 132.7 172.7



#36
 4-Chloro-3-methylphenol
 Concen: 9.891 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF120306.D
 Acq: 14 May 2020 22:23

Tgt Ion:107 Resp: 178247
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.4 32.2
 142 80.8 65.1 97.7





#37

2-Methylnaphthalene

Concen: 10.312 ng

RT: 8.62 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampled :

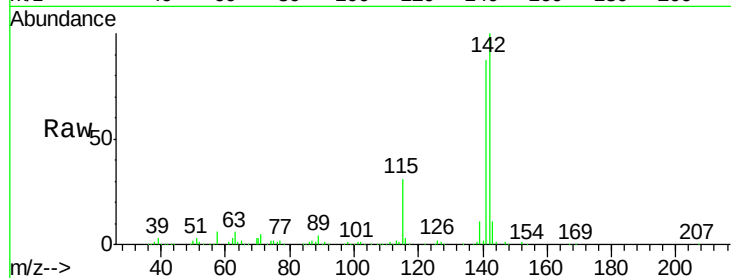
Tot Ion:142 Resp: 403971

Ion Ratio Lower Upper

142 100

141 87.1 68.8 103.2

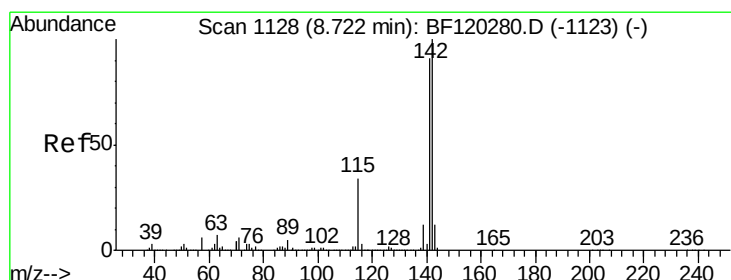
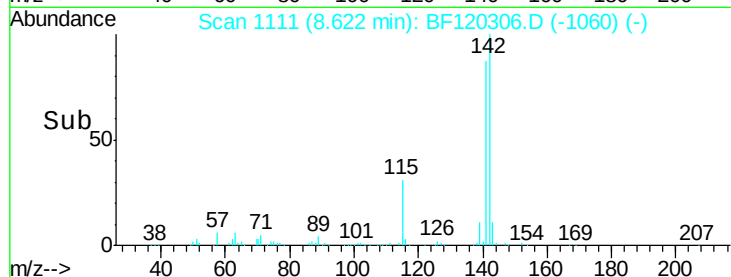
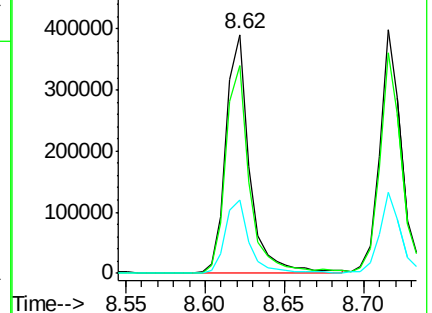
115 31.0 25.7 38.5



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: 10.382 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

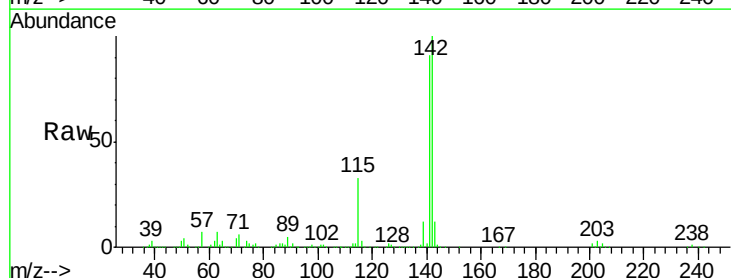
Tgt Ion:142 Resp: 394475

Ion Ratio Lower Upper

142 100

141 90.8 73.0 109.6

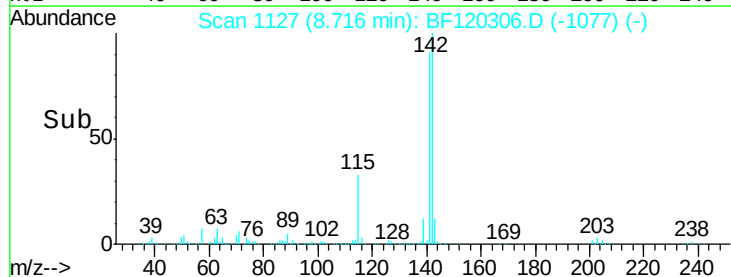
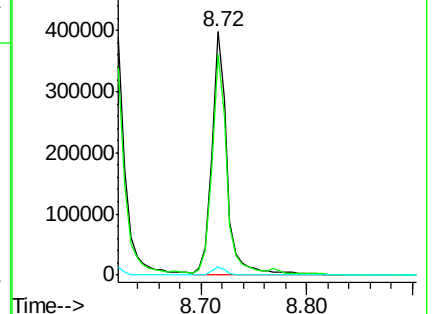
116 3.4 2.7 4.1

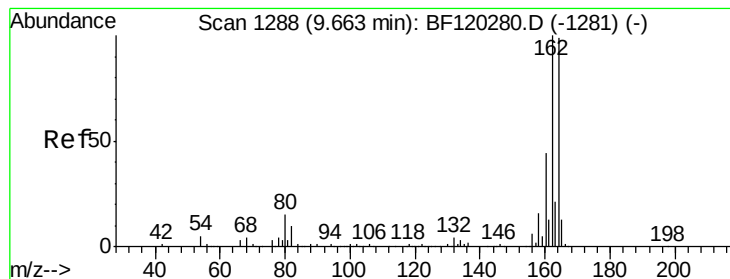


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

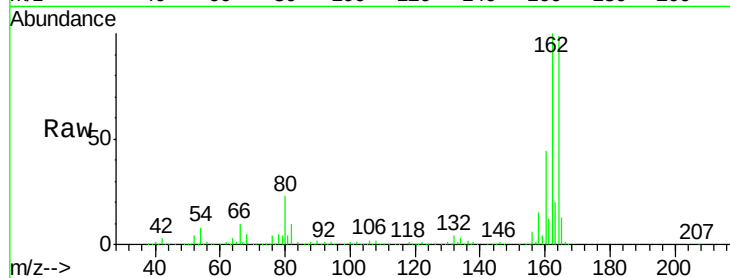
Tot Ion:164 Resp: 662583

Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

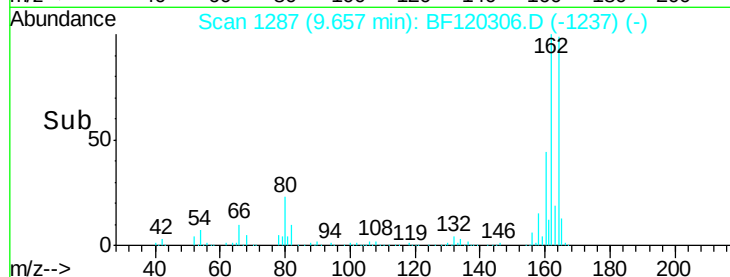
160 44.6 35.8 53.6



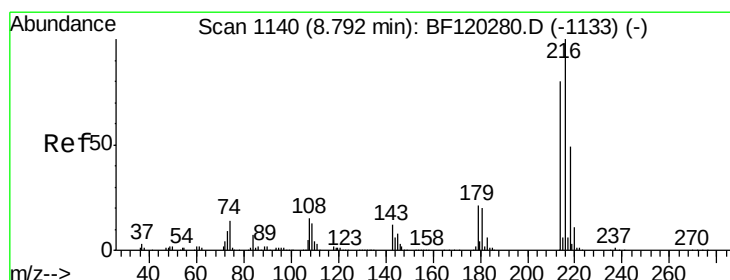
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.918 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Tgt Ion:216 Resp: 182406

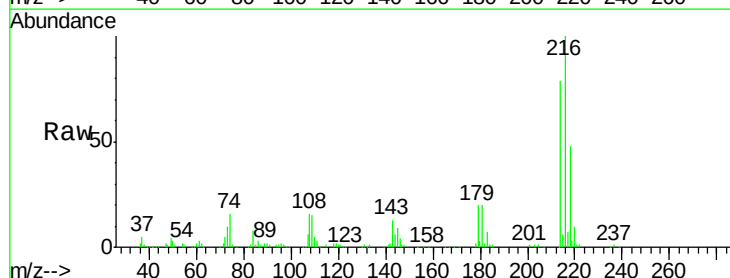
Ion Ratio Lower Upper

216 100

214 79.2 64.0 96.0

179 20.5 16.9 25.3

108 17.5 14.2 21.2

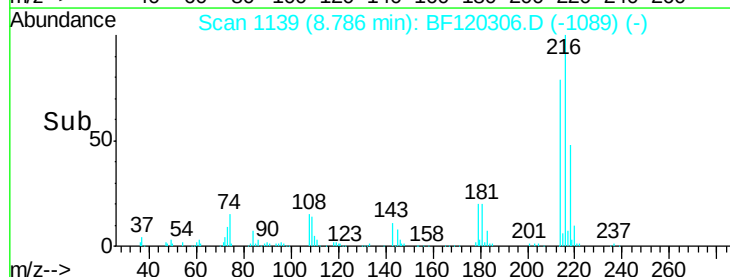


Abundance Ion 216.00 (215.70 to 216.70): E

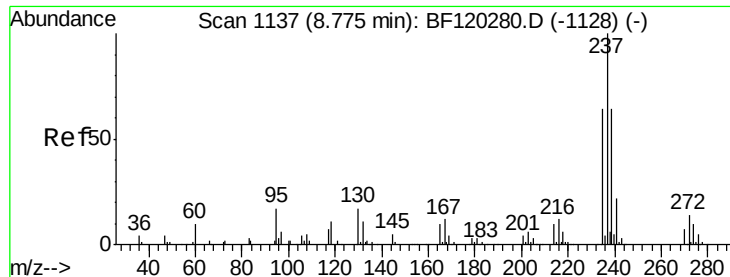
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



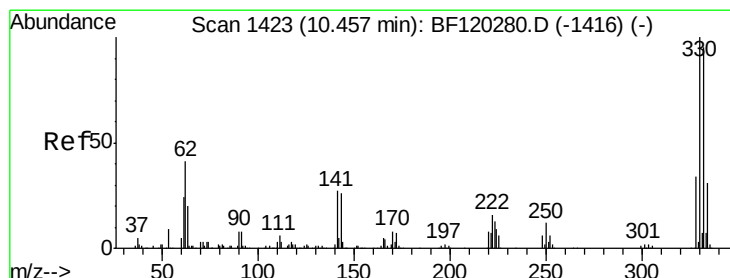
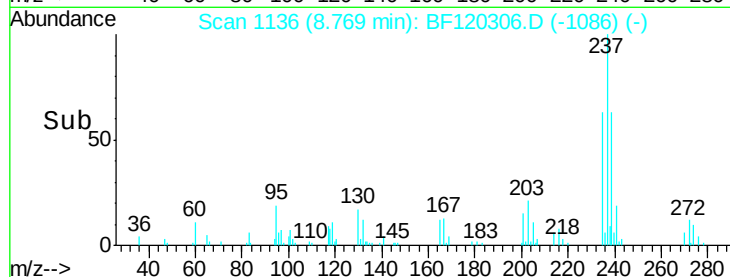
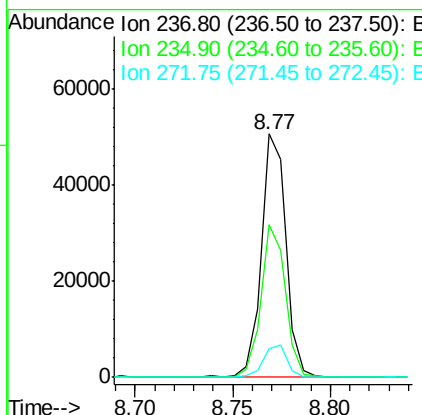
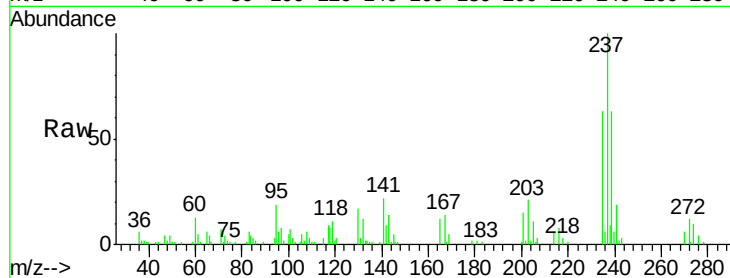
Time-->



#41
Hexachlorocyclopentadiene
Concen: 12.478 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

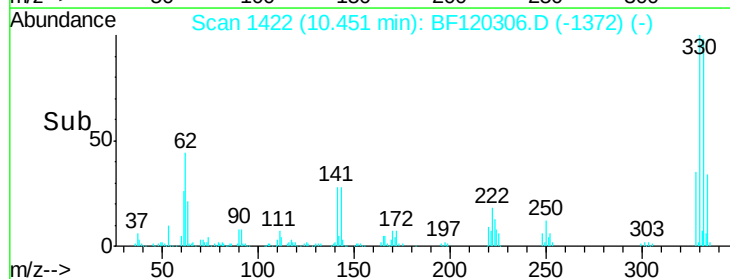
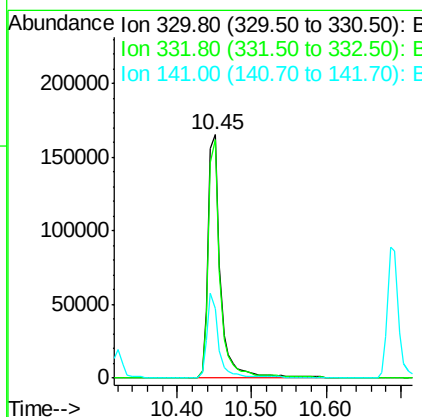
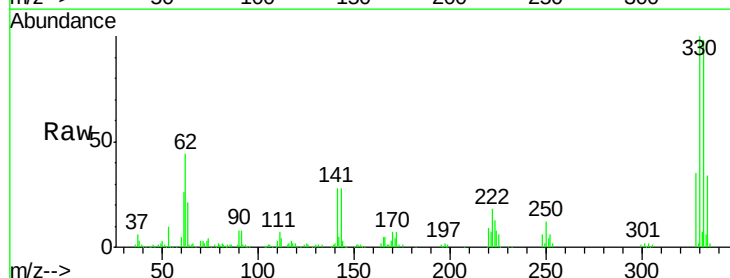
Instrument :
BNA_F
ClientSampleId :

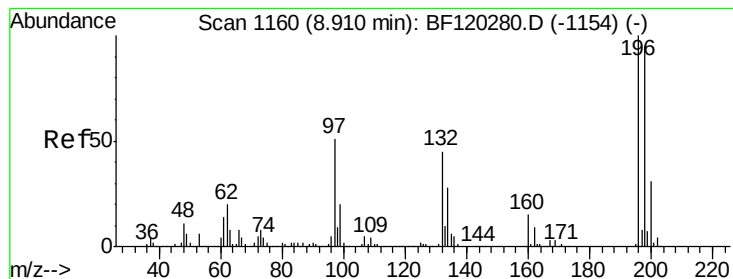
Tot Ion:237 Resp: 43969
Ion Ratio Lower Upper
237 100
235 62.8 43.8 83.8
272 12.0 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 35.825 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Tgt Ion:330 Resp: 193541
Ion Ratio Lower Upper
330 100
332 93.4 76.5 114.7
141 32.1 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 10.193 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampled :

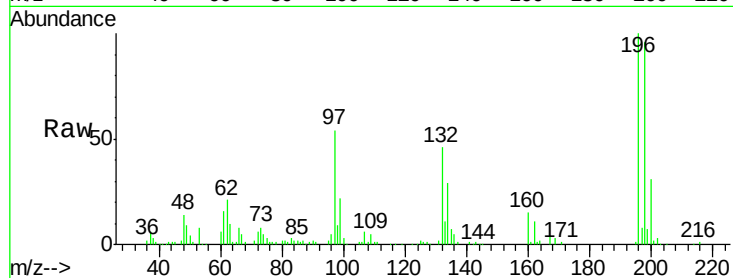
Tot Ion:196 Resp: 114310

Ion Ratio Lower Upper

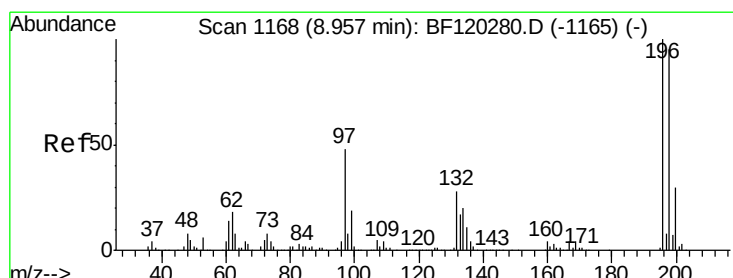
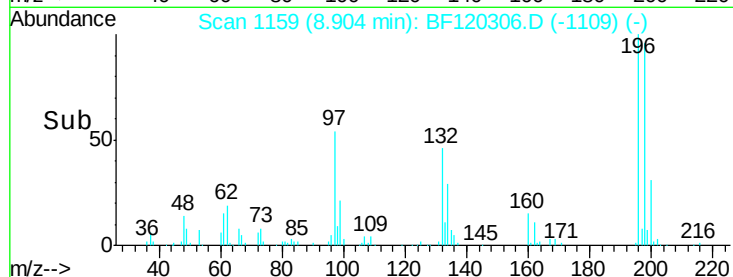
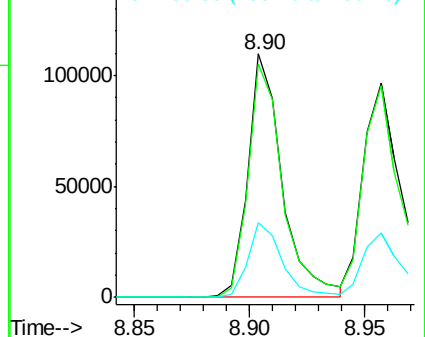
196 100

198 95.7 76.2 114.4

200 30.8 24.9 37.3



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



#44

2,4,5-Trichlorophenol

Concen: 9.799 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Tgt Ion:196 Resp: 126208

Ion Ratio Lower Upper

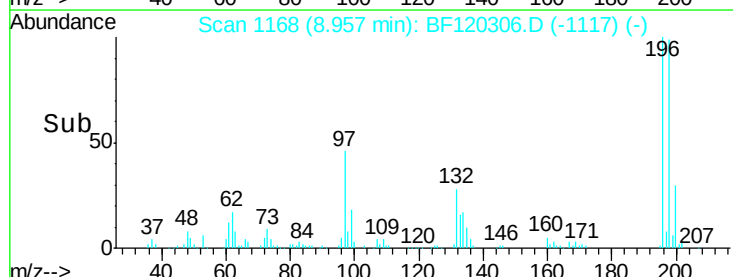
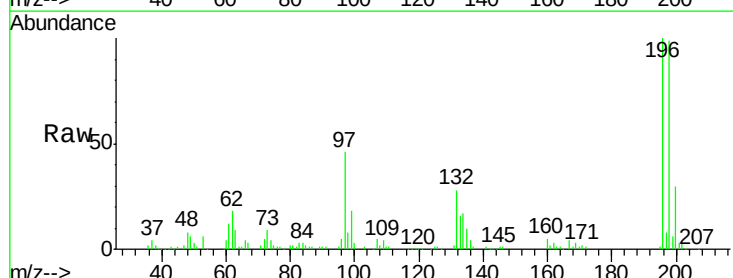
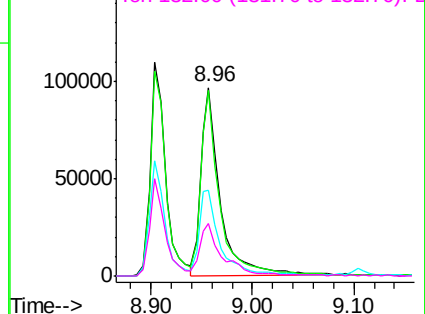
196 100

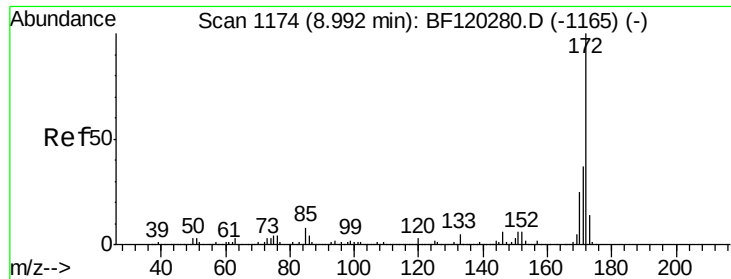
198 98.7 76.2 114.4

97 45.6 38.6 57.8

132 28.0 23.2 34.8

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

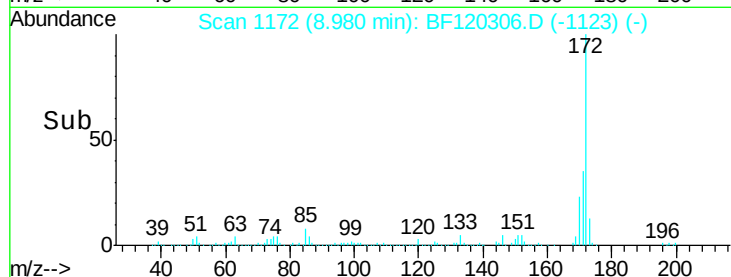
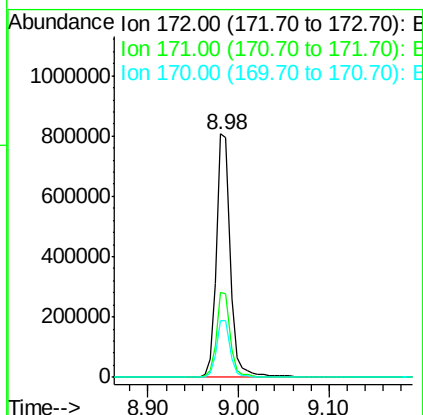
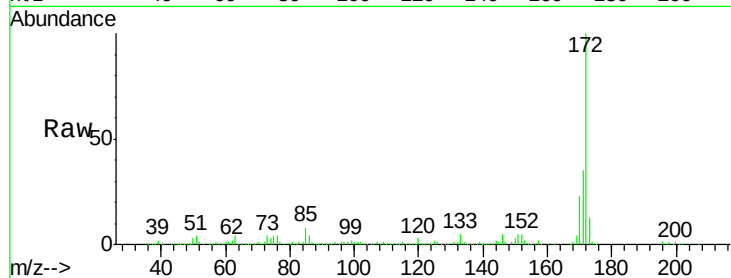




#45
2-Fluorobiphenyl
Concen: 26.704 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

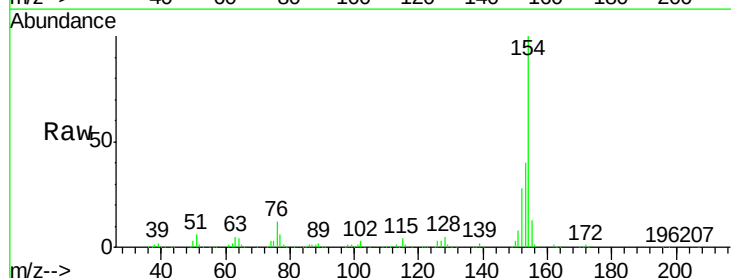
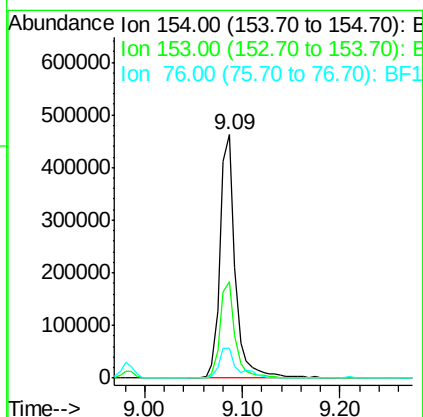
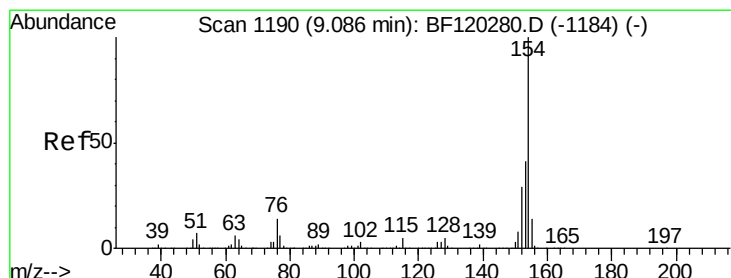
Instrument :
BNA_F
ClientSampleId :

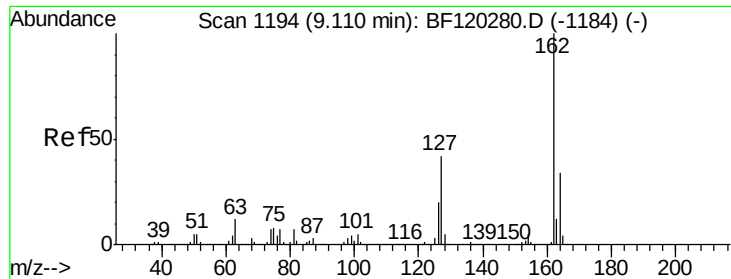
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.1	19.9	29.9



#46
1,1'-Biphenyl
Concen: 11.598 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.8	60.8
76	12.4	0.0	34.3

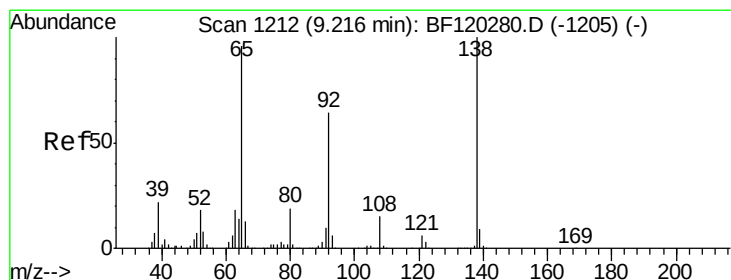
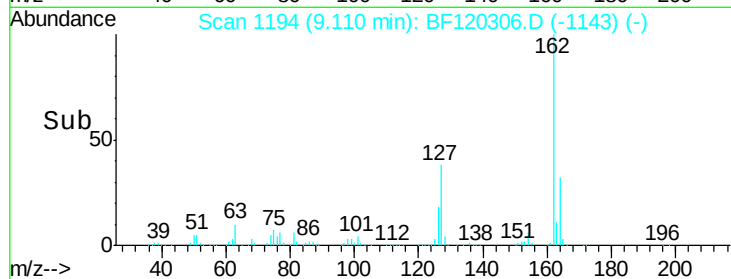
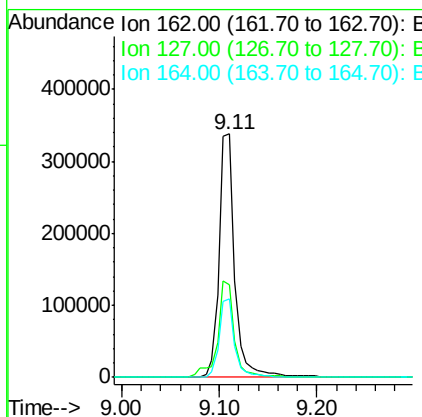
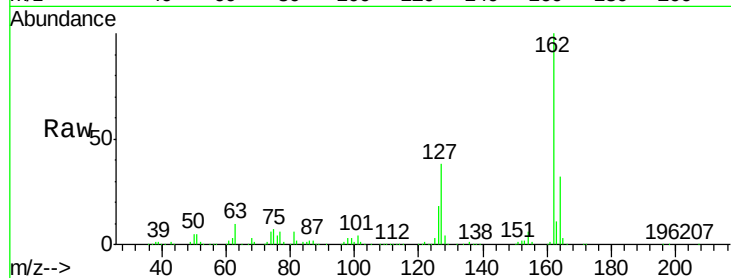




#47
 2-Chloronaphthalene
 Concen: 10.868 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF120306.D
 Acq: 14 May 2020 22:23

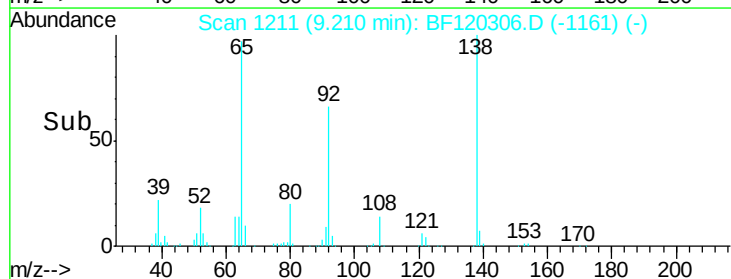
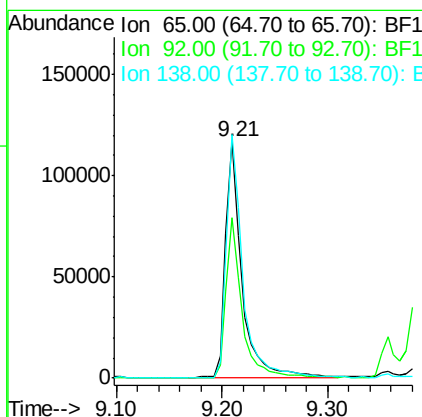
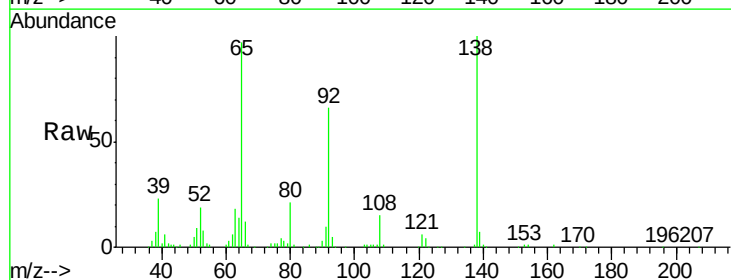
Instrument :
 BNA_F
 ClientSampleId :

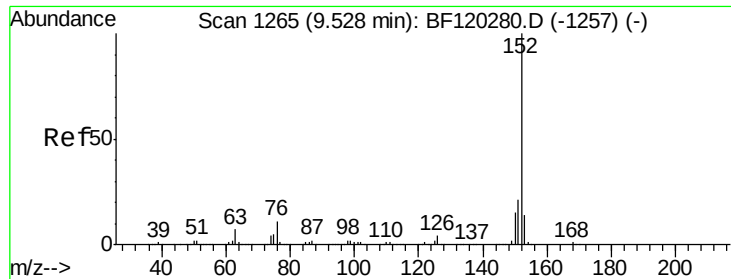
Tot Ion:	162	Resp:	378478
Ion	Ratio	Lower	Upper
162	100		
127	38.1	33.4	50.0
164	32.1	27.0	40.6



#48
 2-Nitroaniline
 Concen: 10.120 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF120306.D
 Acq: 14 May 2020 22:23

Tgt Ion:	65	Resp:	128583
Ion	Ratio	Lower	Upper
65	100		
92	67.6	52.9	79.3
138	102.7	83.0	124.4





#49

Acenaphthylene

Concen: 11.424 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

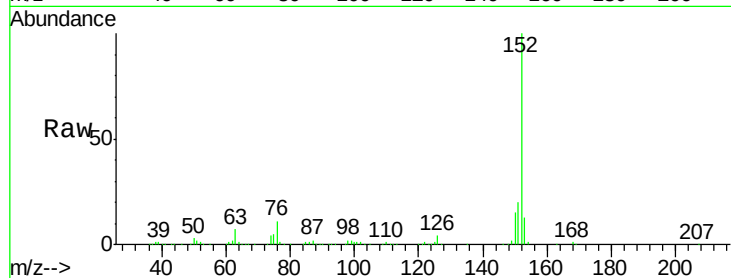
Tot Ion:152 Resp: 607707

Ion Ratio Lower Upper

152 100

151 20.0 16.6 25.0

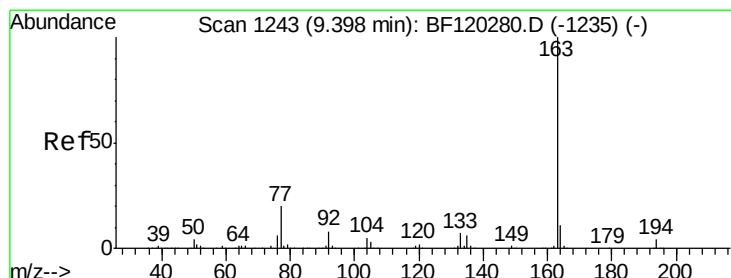
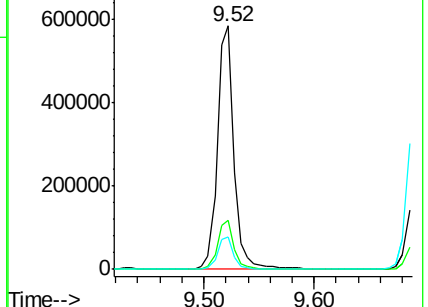
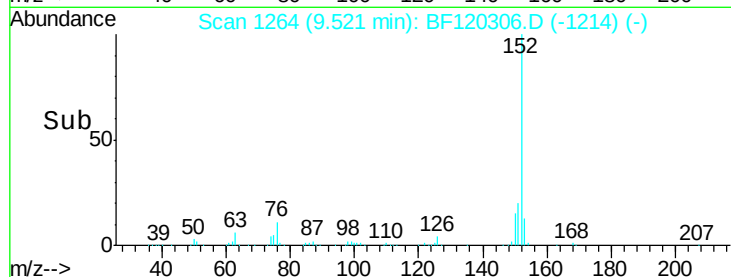
153 13.2 11.1 16.7



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: 12.174 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

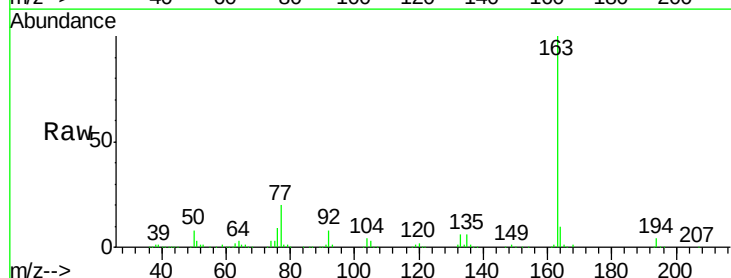
Tgt Ion:163 Resp: 509916

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

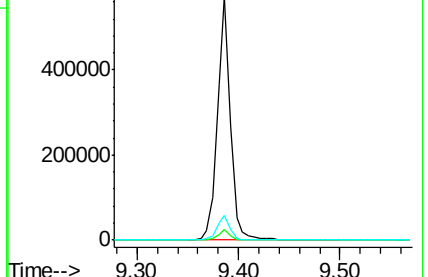
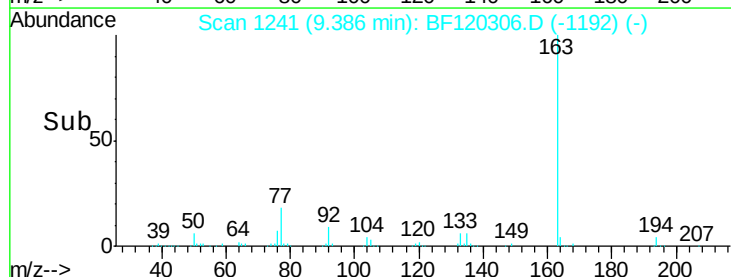
164 10.1 8.6 12.8

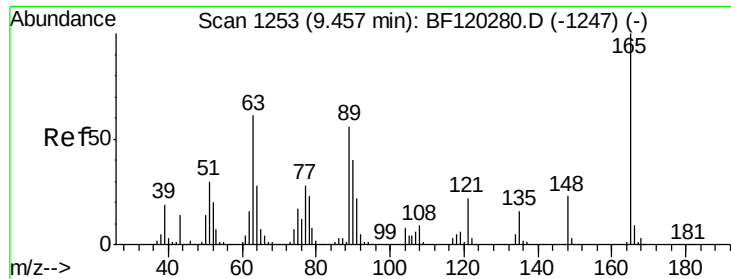


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 9.977 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampled :

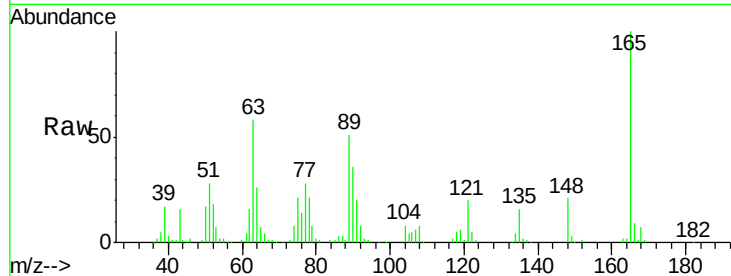
Tot Ion:165 Resp: 93272

Ion Ratio Lower Upper

165 100

63 58.0 50.2 75.2

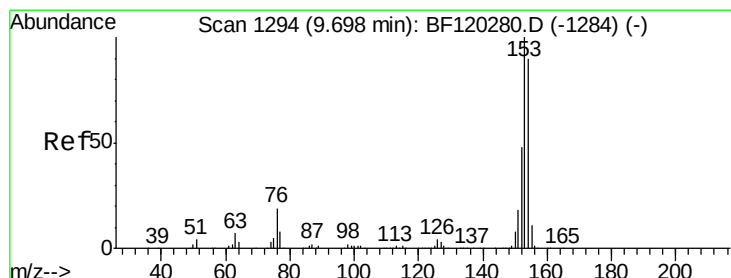
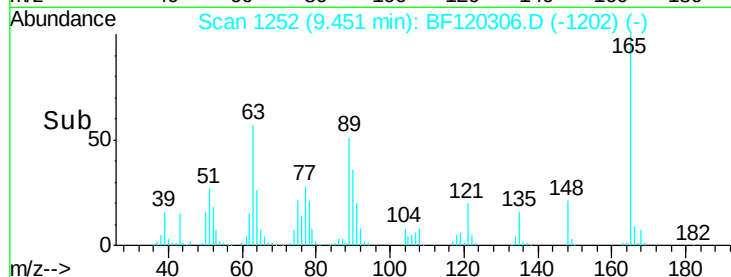
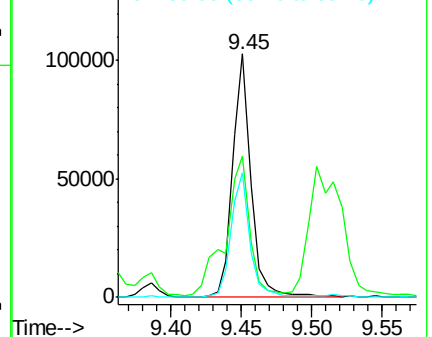
89 51.1 44.6 66.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 10.956 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

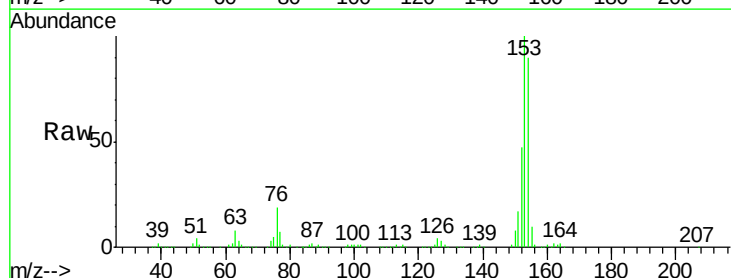
Tgt Ion:154 Resp: 349341

Ion Ratio Lower Upper

154 100

153 111.6 89.0 133.4

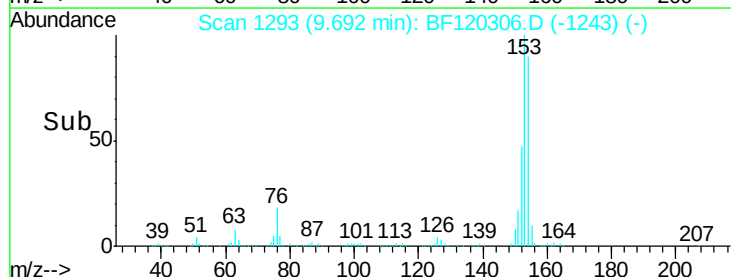
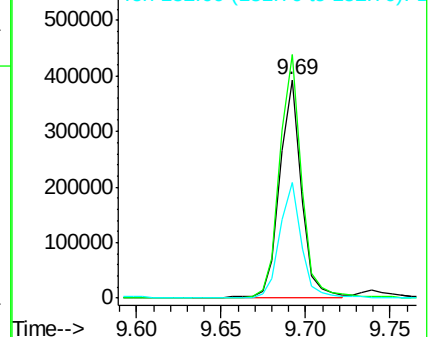
152 53.0 42.6 64.0

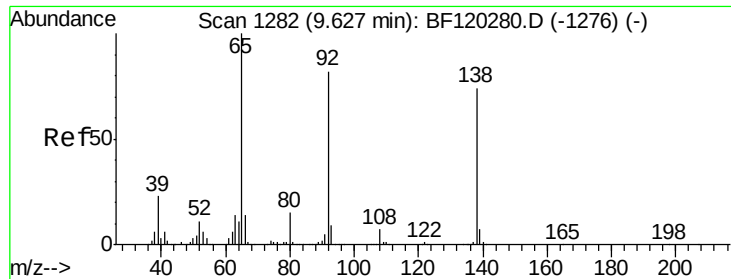


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

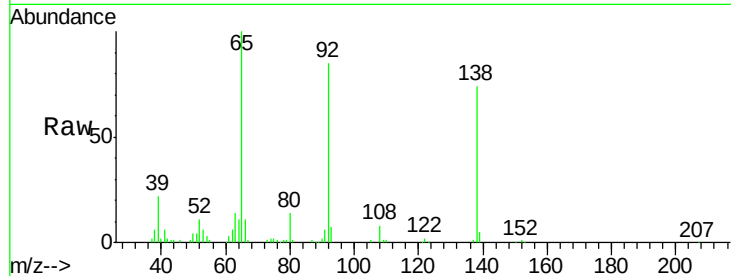




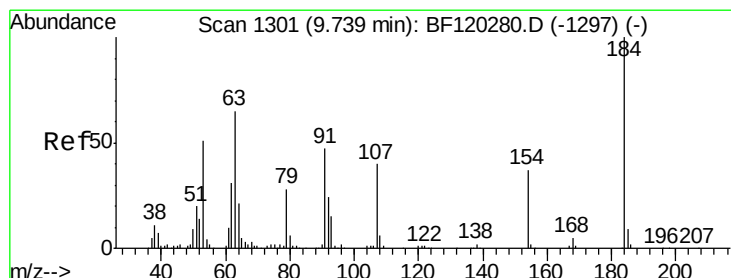
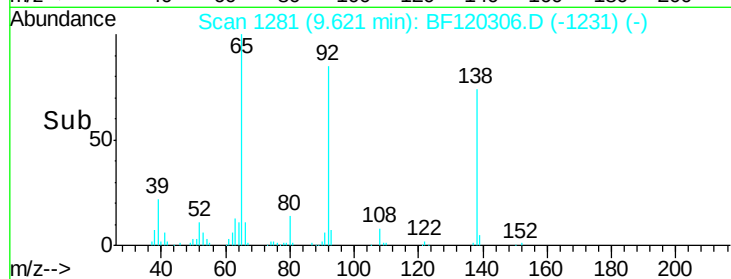
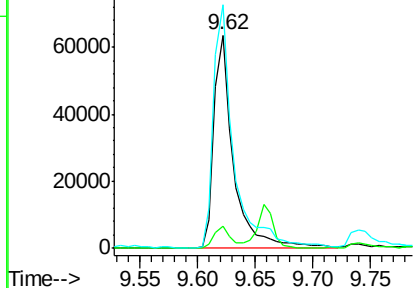
#53
3-Nitroaniline
Concen: 6.731 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 75040
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.2
92 114.4 89.6 134.4

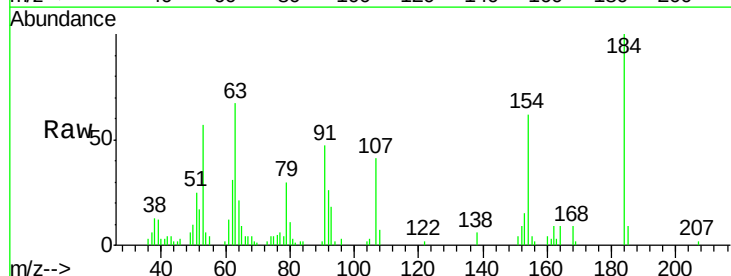


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

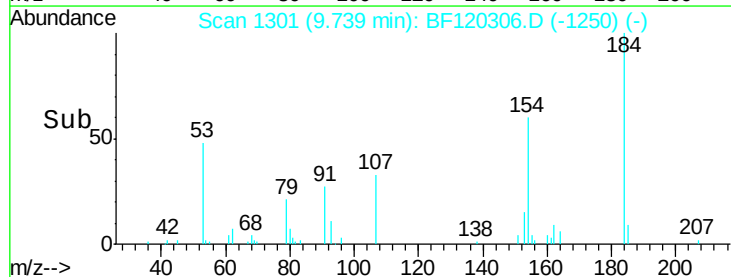
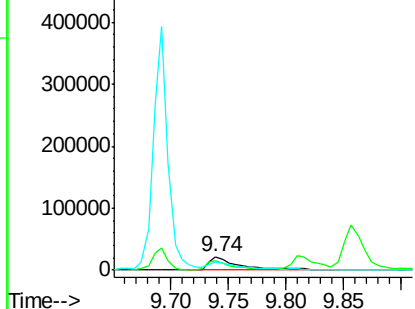


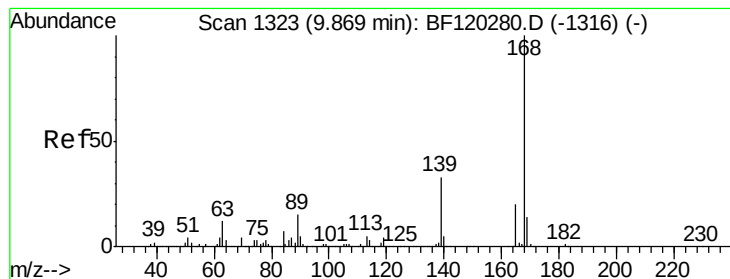
#54
2,4-Dinitrophenol
Concen: 9.144 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Tgt Ion:184 Resp: 40350
Ion Ratio Lower Upper
184 100
63 67.2 53.6 80.4
154 62.1 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: 11.675 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

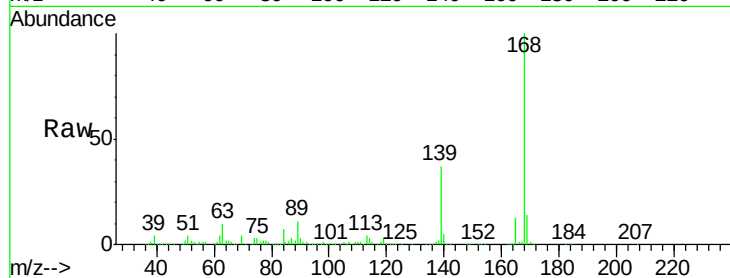
Tot Ion:168 Resp: 536099

Ion Ratio Lower Upper

168 100

139 36.7 29.8 44.6

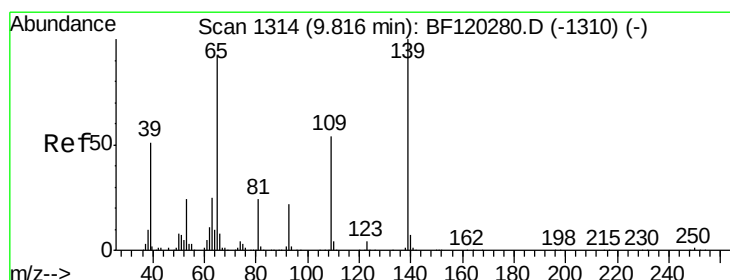
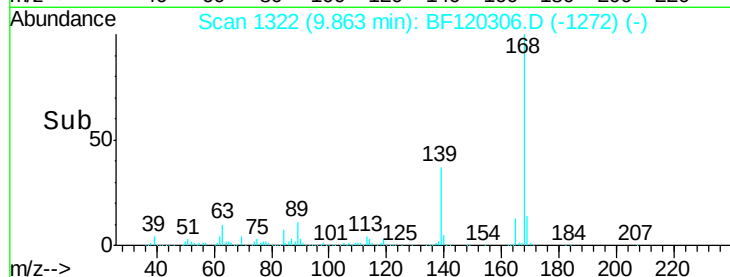
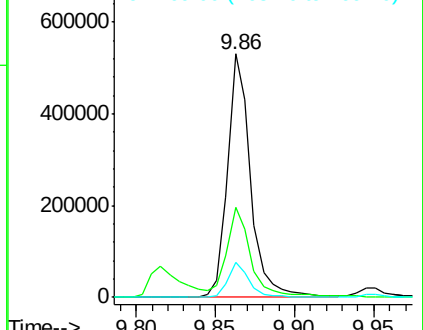
169 14.4 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 15.602 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

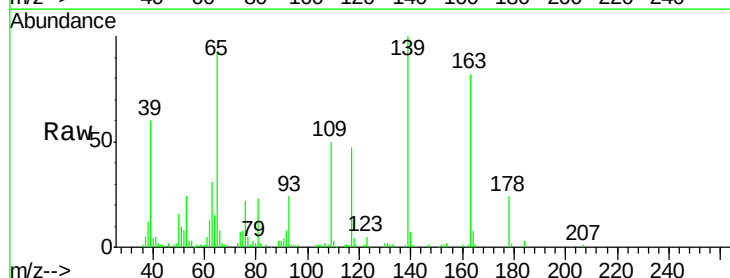
Tgt Ion:139 Resp: 93457

Ion Ratio Lower Upper

139 100

109 50.5 34.6 74.6

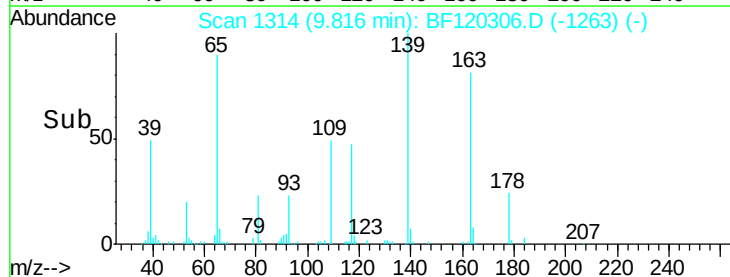
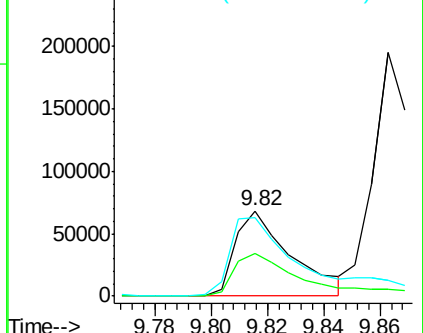
65 91.6 73.3 113.3

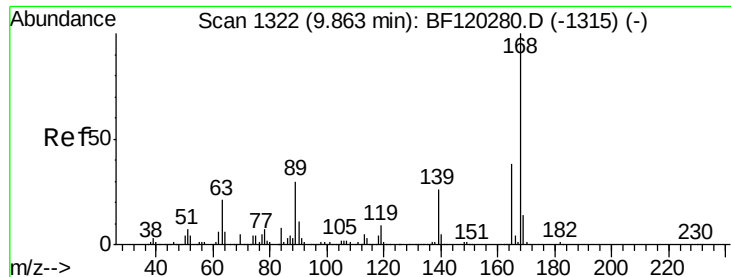


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

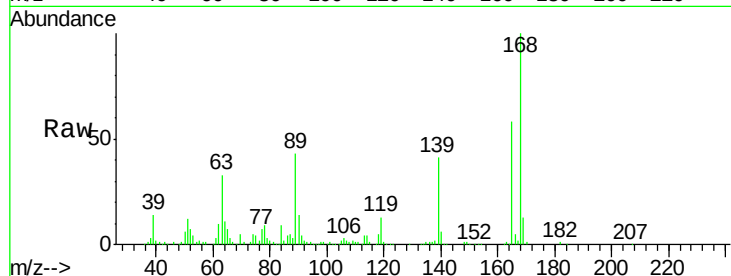




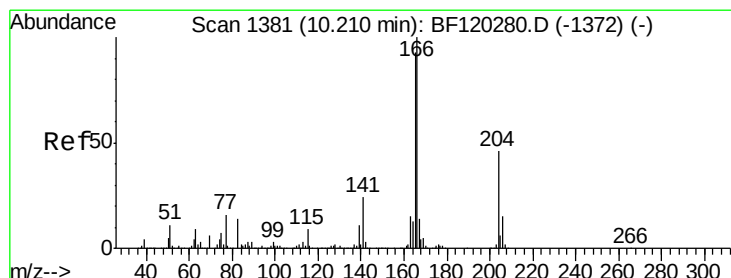
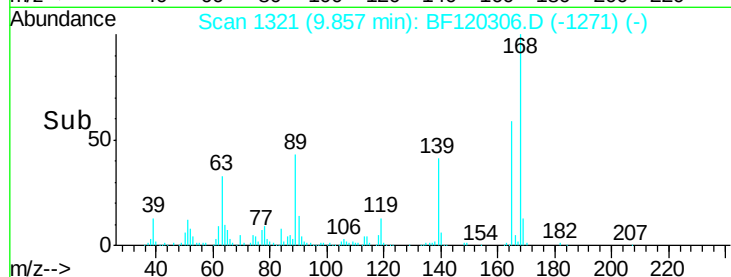
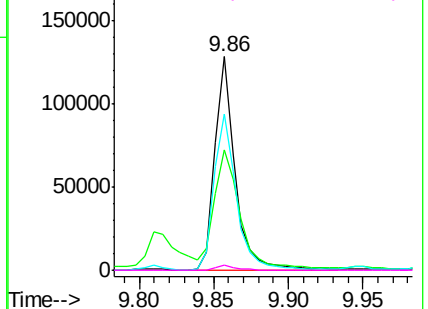
#57
 2,4-Dinitrotoluene
 Concen: 11.165 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF120306.D
 Acq: 14 May 2020 22:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	122435
Ion	Ratio	Lower	Upper
165	100		
63	56.5	51.8	77.8
89	73.3	64.2	96.4
182	2.2	2.0	3.0

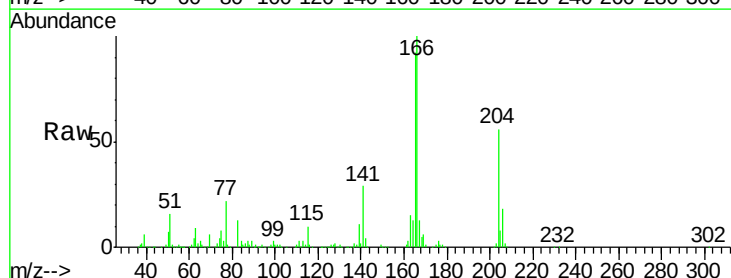


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

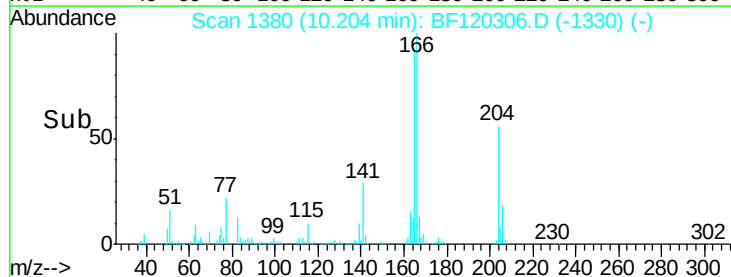
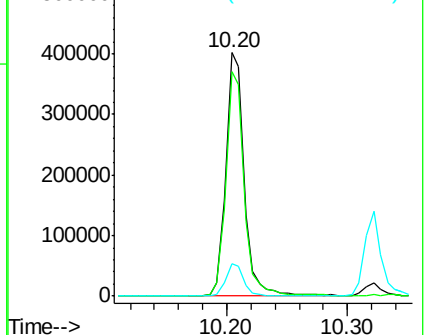


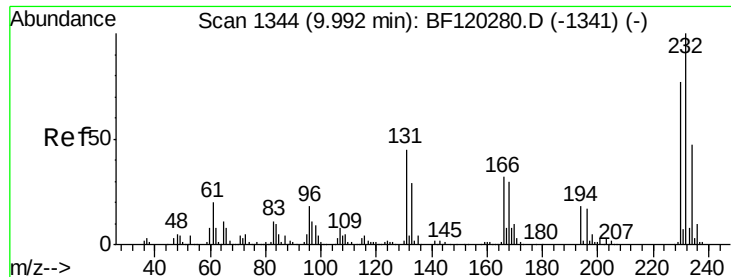
#58
 Fluorene
 Concen: 12.177 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF120306.D
 Acq: 14 May 2020 22:23

Tgt Ion:	166	Resp:	425827
Ion	Ratio	Lower	Upper
166	100		
165	92.3	74.7	112.1
167	13.2	11.4	17.0



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

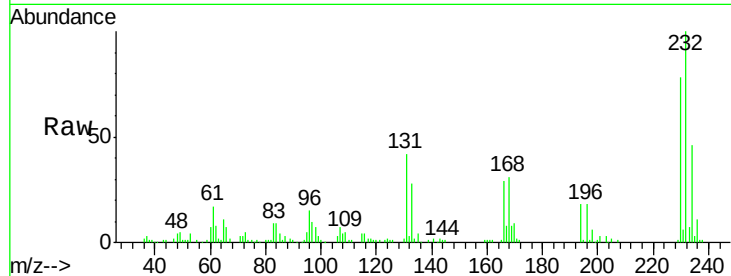




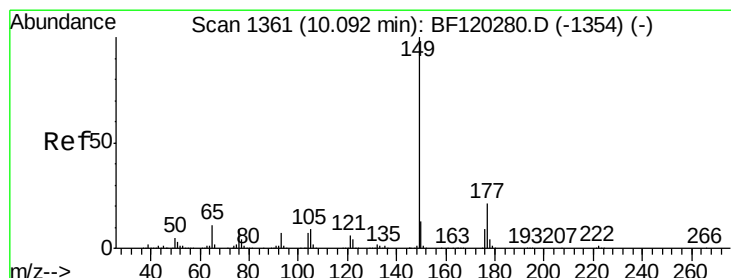
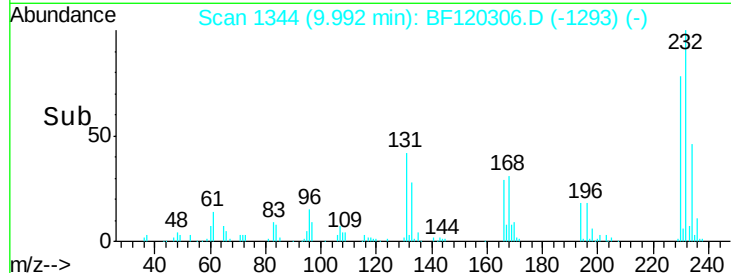
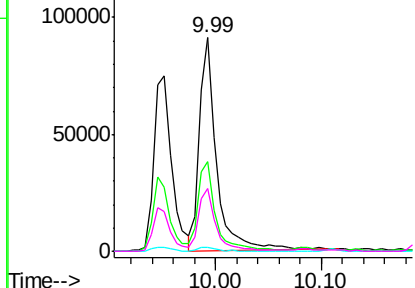
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 10.413 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BF120306.D
 Acq: 14 May 2020 22:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	100931
Ion	Ratio	Lower	Upper
232	100		
131	42.3	34.1	51.1
130	2.2	1.7	2.5
166	28.5	23.3	34.9

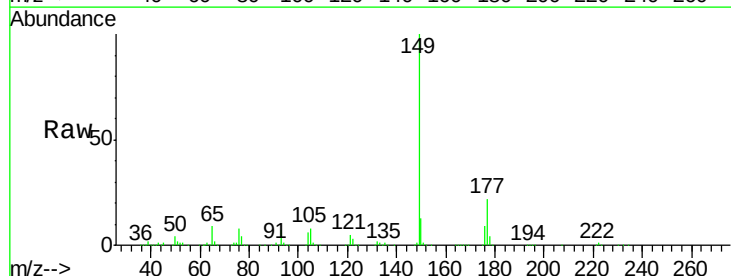


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

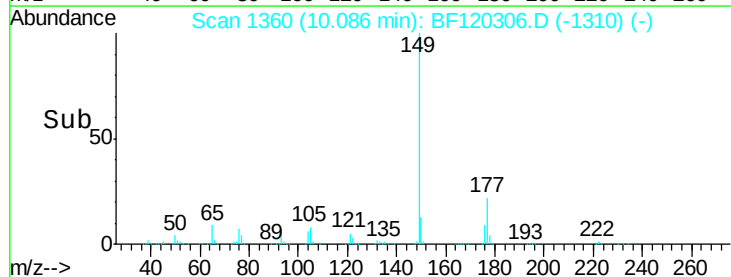
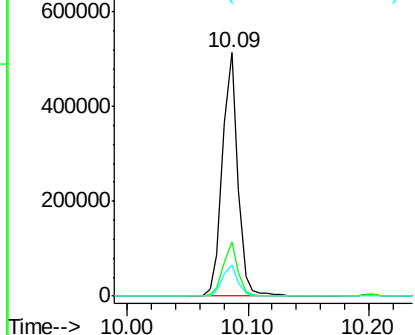


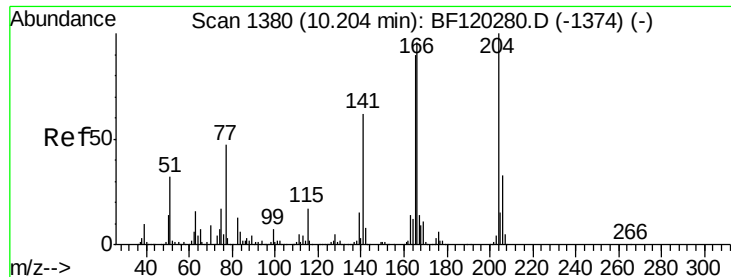
#60
 Diethylphthalate
 Concen: 11.235 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF120306.D
 Acq: 14 May 2020 22:23

Tgt Ion:	149	Resp:	454314
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.1	25.7
150	12.6	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

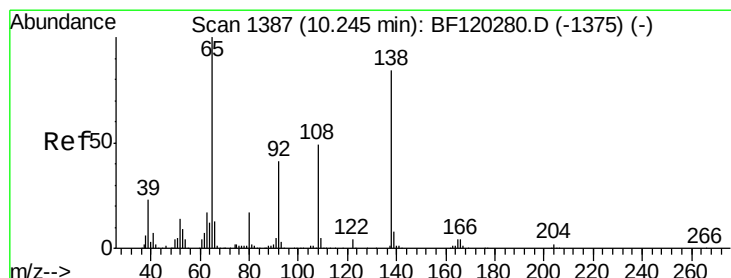
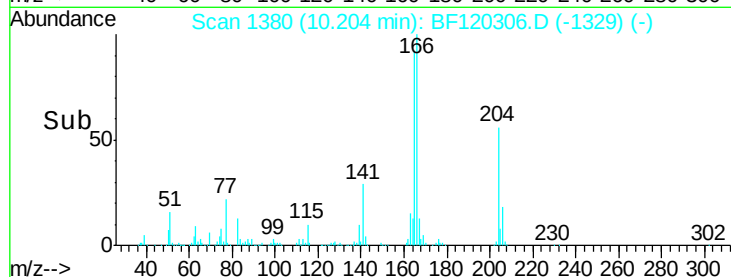
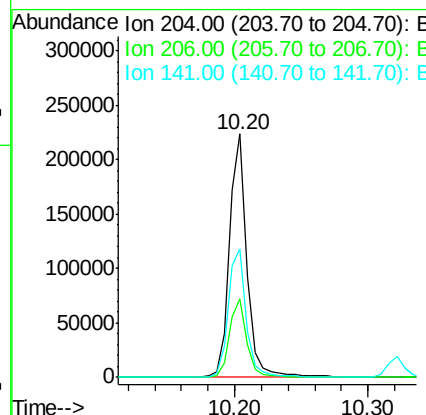
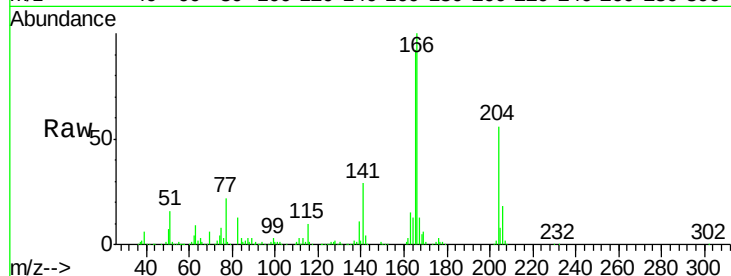




#61
 4-Chlorophenyl-phenylether
 Concen: 11.363 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF120306.D
 Acq: 14 May 2020 22:23

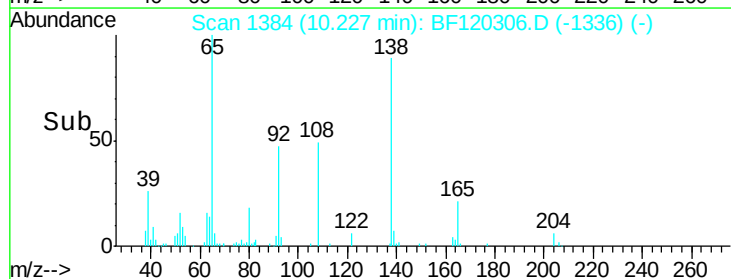
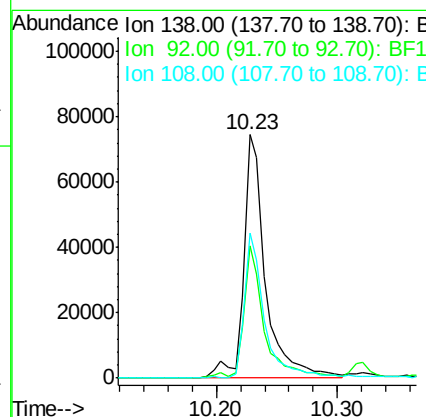
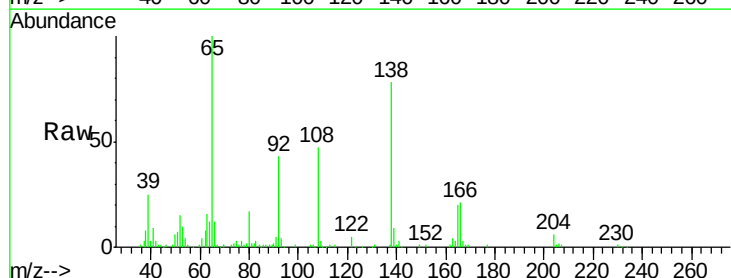
Instrument :
 BNA_F
 ClientSampled :

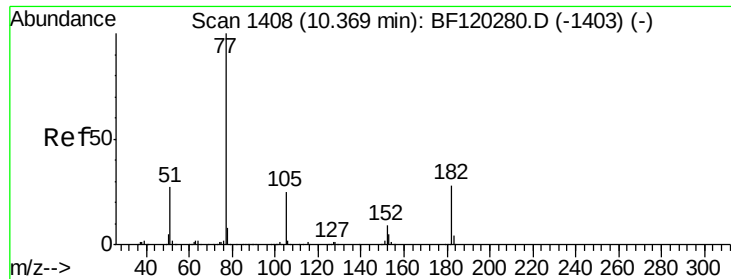
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.8	40.2
141	52.5	49.5	74.3



#62
 4-Nitroaniline
 Concen: 9.046 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.02 min
 Lab File: BF120306.D
 Acq: 14 May 2020 22:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.3	28.9	68.9
108	59.6	38.4	78.4





#63

Azobenzene

Concen: 11.370 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 434541

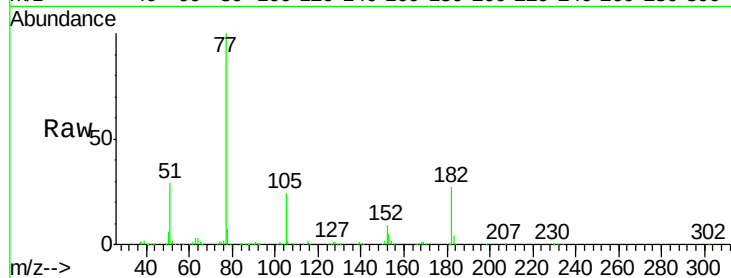
Ion Ratio Lower Upper

77 100

182 26.9 7.4 47.4

105 23.9 4.4 44.4

51 29.2 8.3 48.3

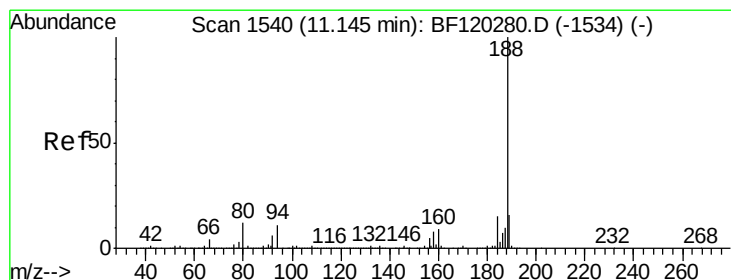
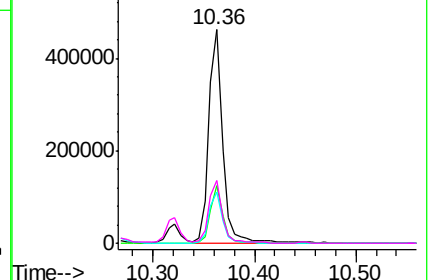
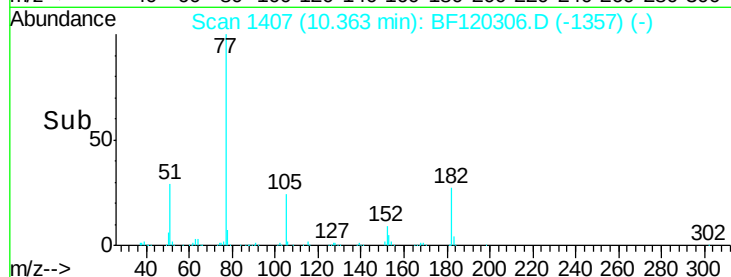


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.14 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

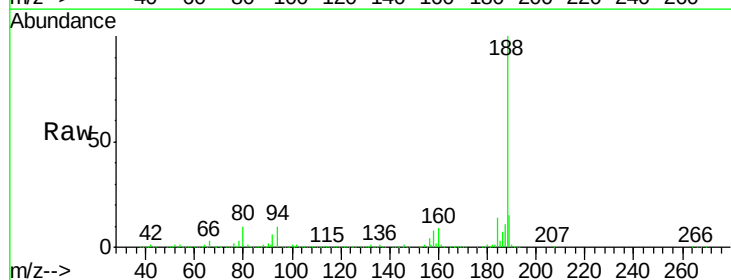
Tgt Ion: 188 Resp: 1314823

Ion Ratio Lower Upper

188 100

94 10.2 8.6 13.0

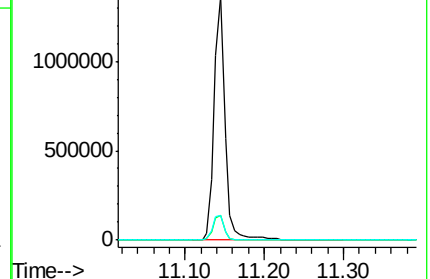
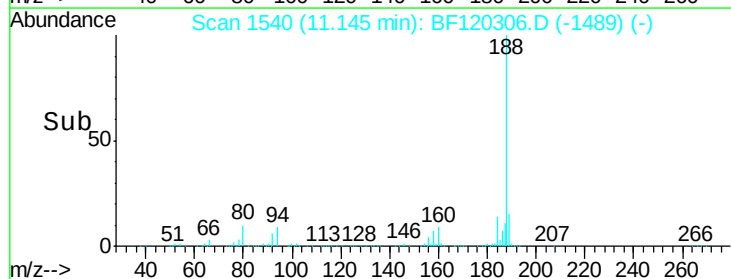
80 10.4 9.2 13.8

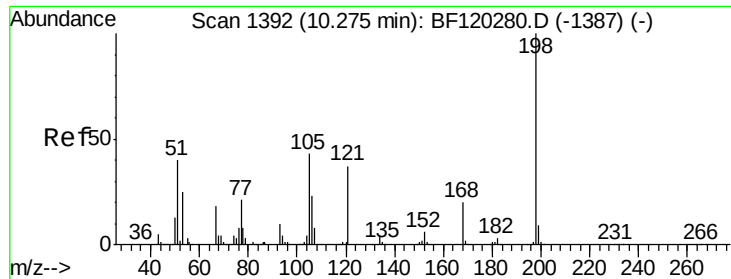


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 4.980 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

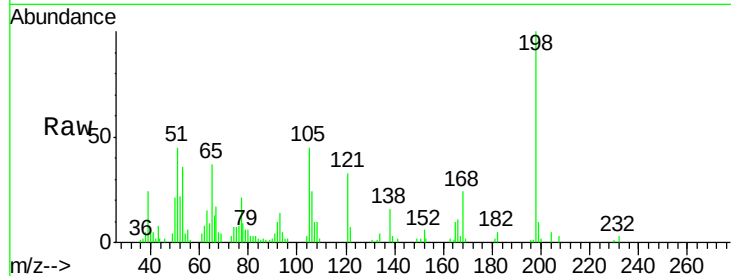
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 33117

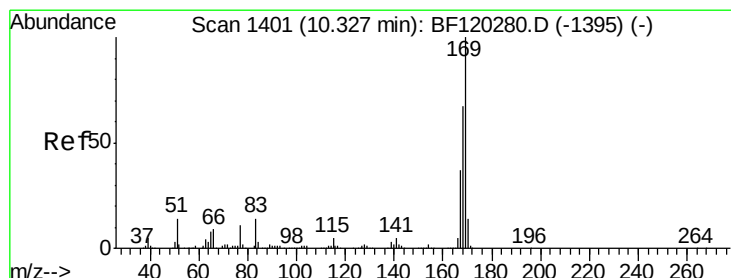
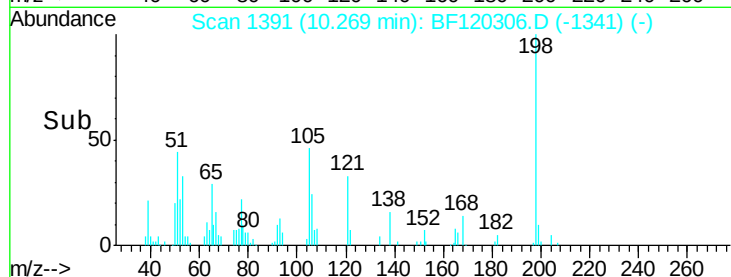
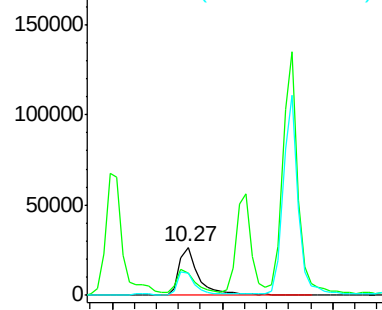
Ion	Ratio	Lower	Upper
198	100		
51	44.9	27.1	67.1
105	45.4	24.3	64.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 10.396 ng

RT: 10.32 min Scan# 1400

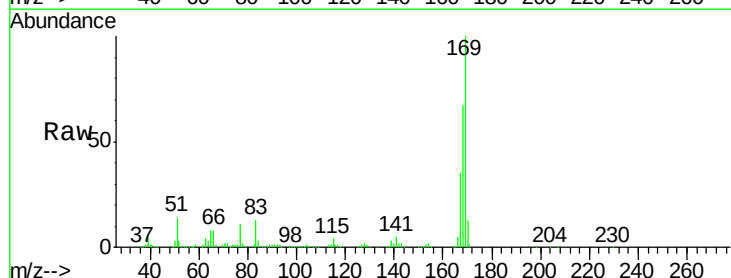
Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Tgt Ion:169 Resp: 378167

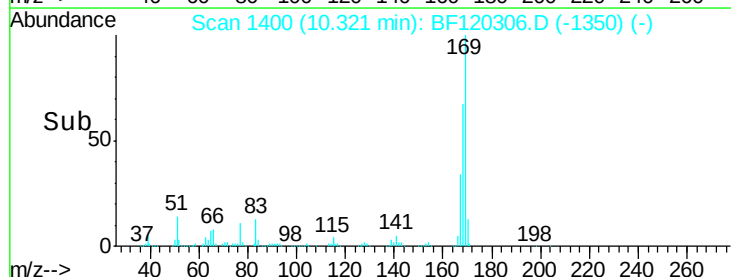
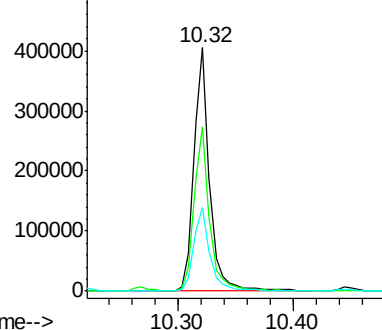
Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.7	80.5
167	34.6	29.8	44.6

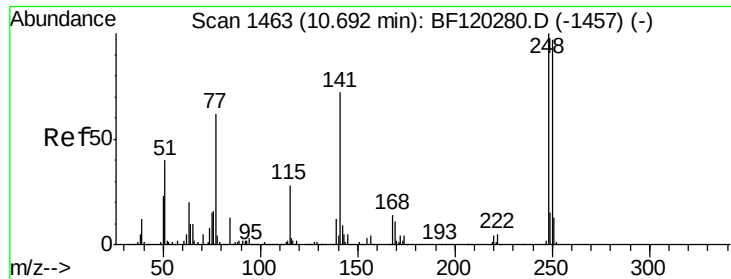


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

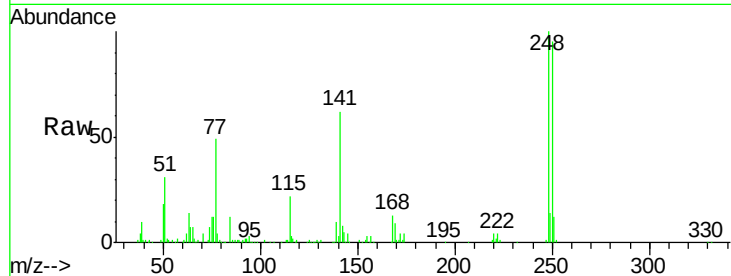




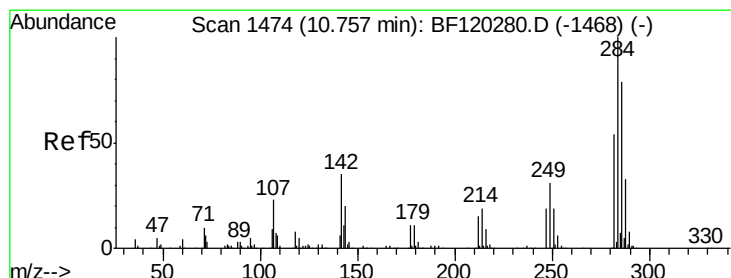
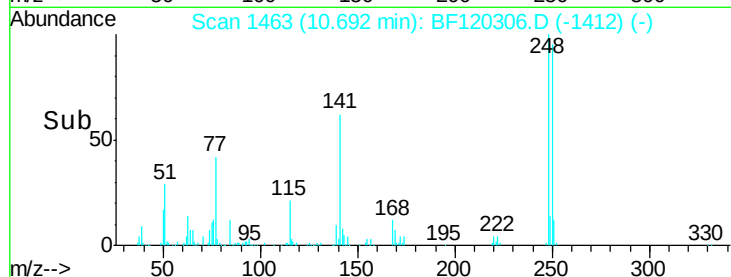
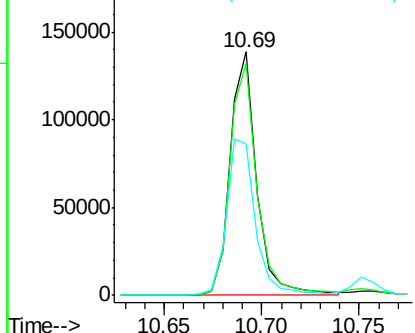
#67
4-Bromophenyl-phenylether
Concen: 10.267 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.8	116.6
141	62.3	57.7	86.5

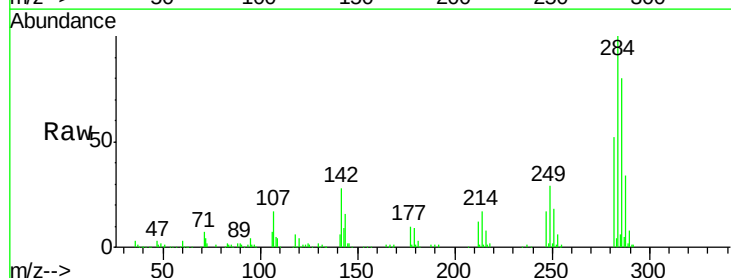


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

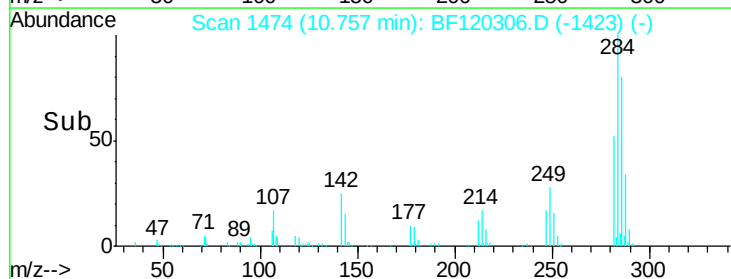
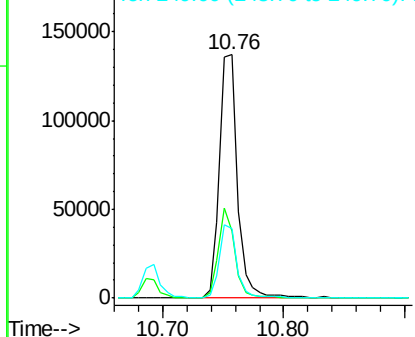


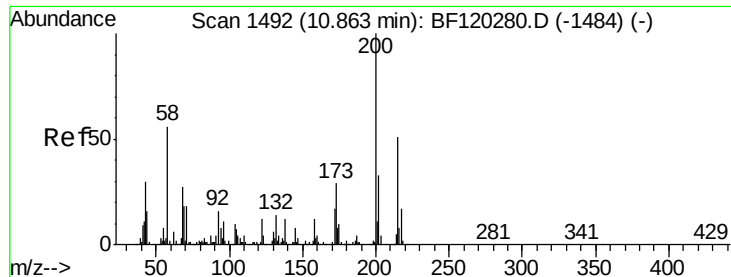
#68
Hexachlorobenzene
Concen: 10.619 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	28.5	42.7#
249	28.8	24.8	37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

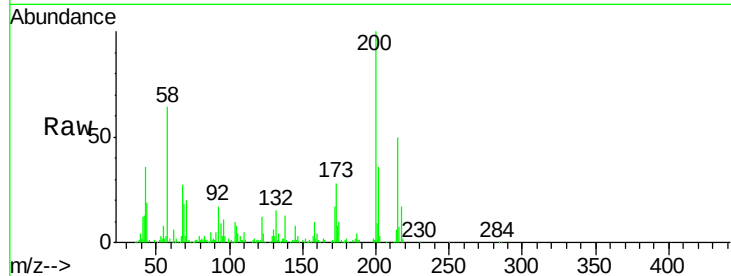




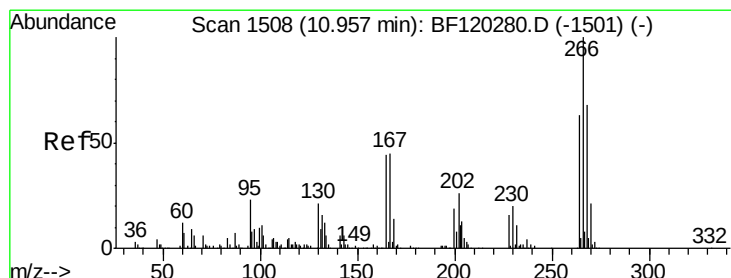
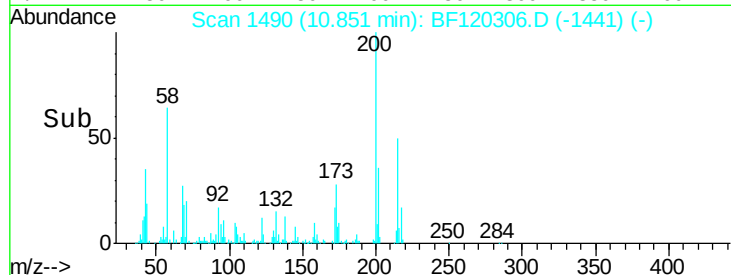
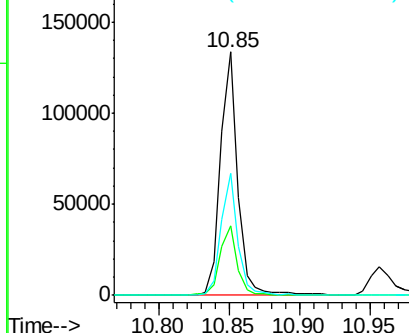
#69
Atrazine
Concen: 10.507 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.7	48.7
215	50.1	30.6	70.6

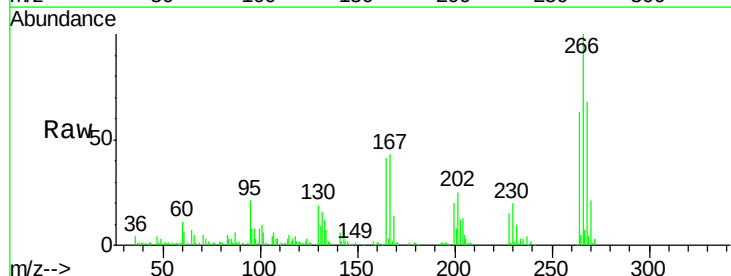


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

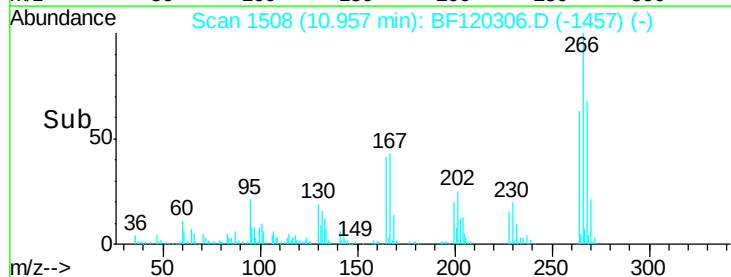
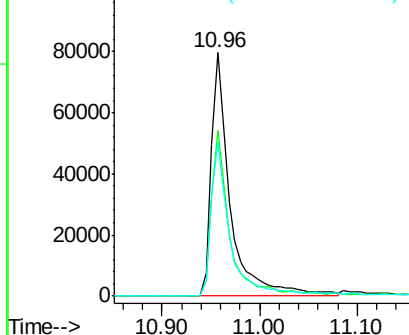


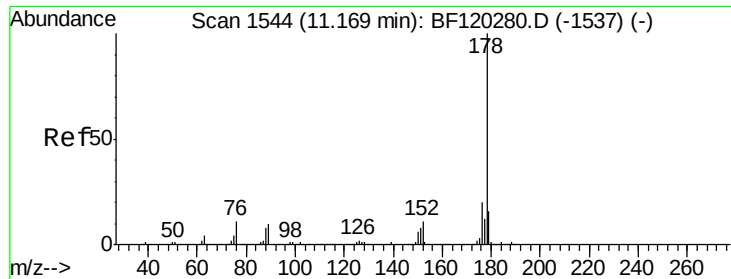
#70
Pentachlorophenol
Concen: 19.112 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.0	54.2	81.4
264	63.0	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: 11.478 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

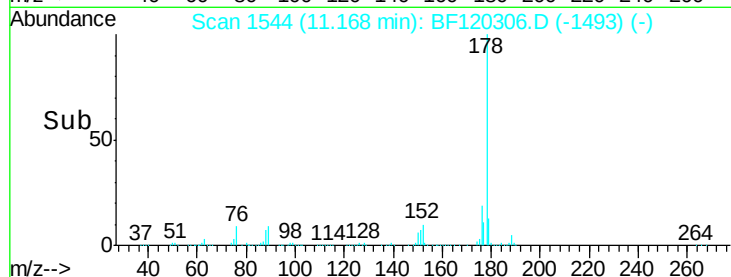
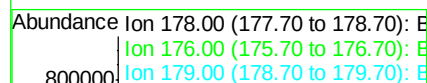
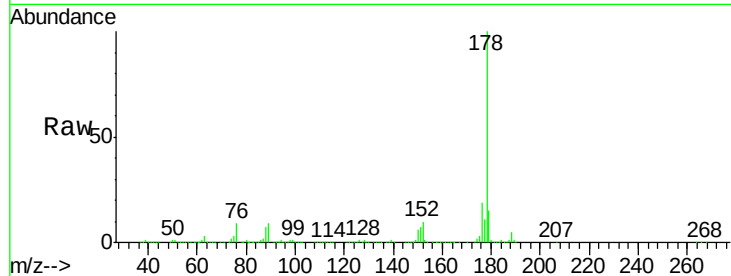
Tot Ion:178 Resp: 634167

Ion Ratio Lower Upper

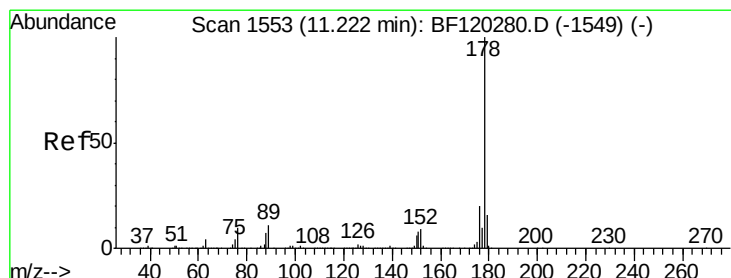
178 100

176 18.7 15.8 23.8

179 15.4 12.8 19.2



Time-->



#72

Anthracene

Concen: 11.947 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

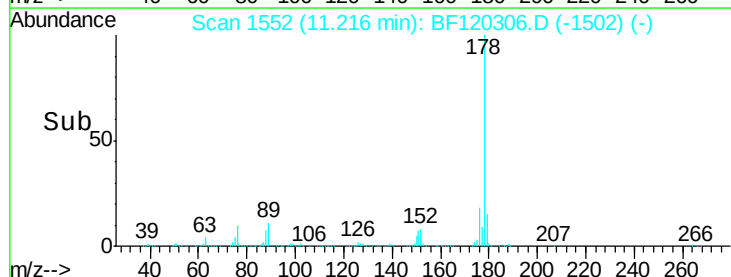
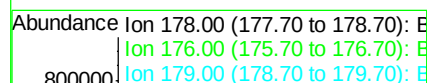
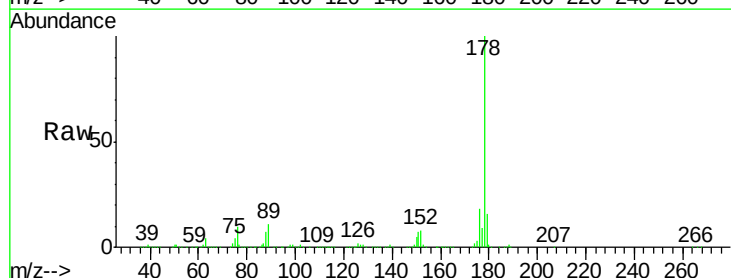
Tgt Ion:178 Resp: 706599

Ion Ratio Lower Upper

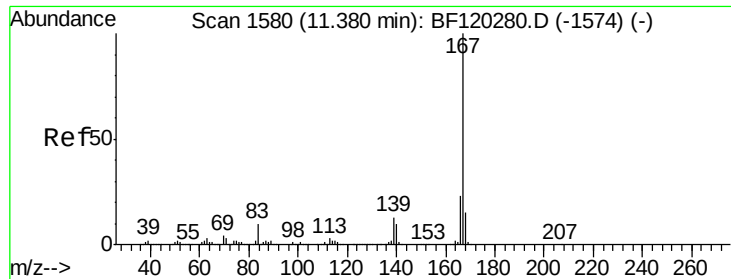
178 100

176 18.3 15.7 23.5

179 15.6 13.0 19.6



Time-->



#73

Carbazole

Concen: 11.067 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

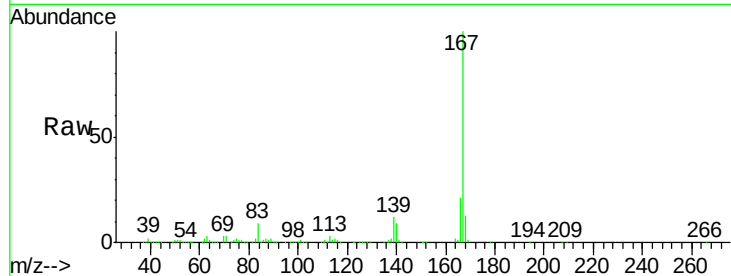
Tot Ion:167 Resp: 611625

Ion Ratio Lower Upper

167 100

166 21.4 18.1 27.1

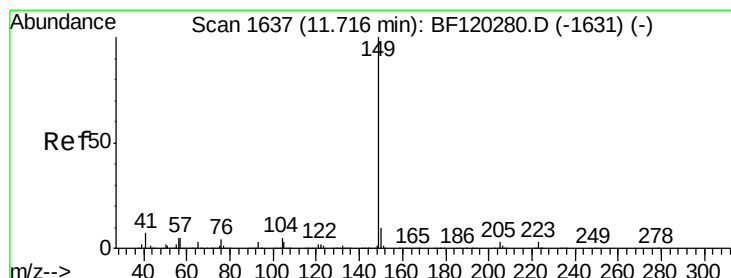
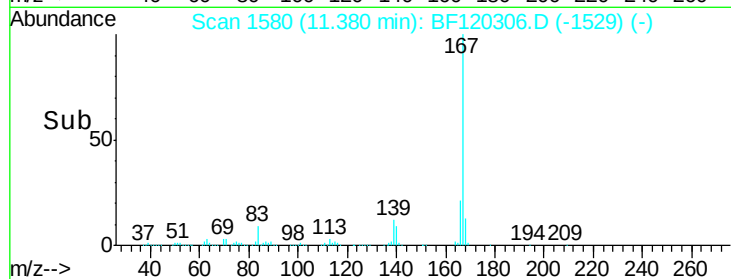
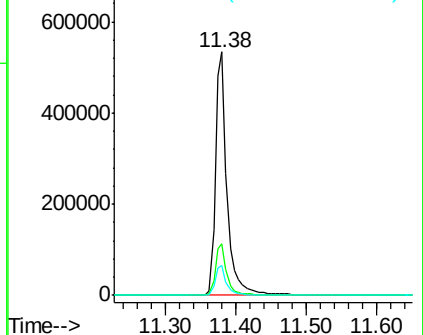
139 12.4 10.6 15.8



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: 11.704 ng

RT: 11.71 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

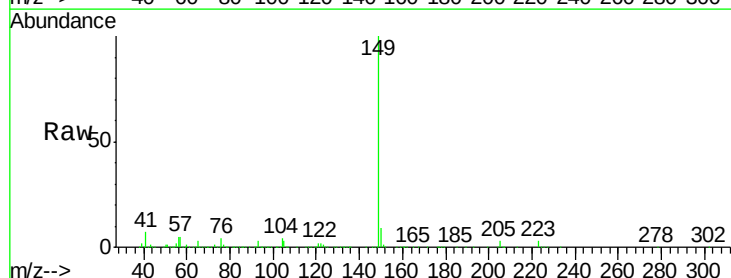
Tgt Ion:149 Resp: 779499

Ion Ratio Lower Upper

149 100

150 9.3 8.2 12.4

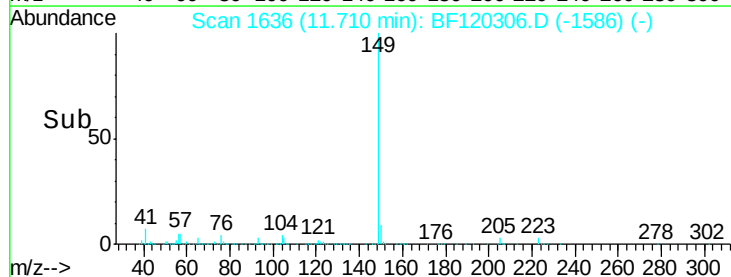
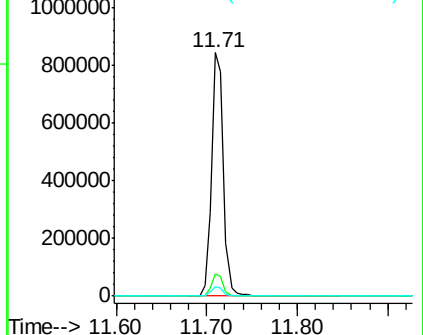
104 4.0 3.8 5.8

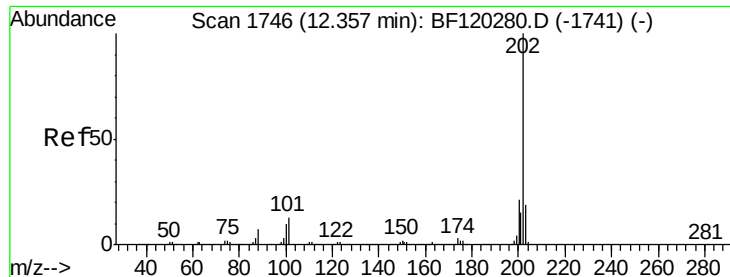


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 10.996 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

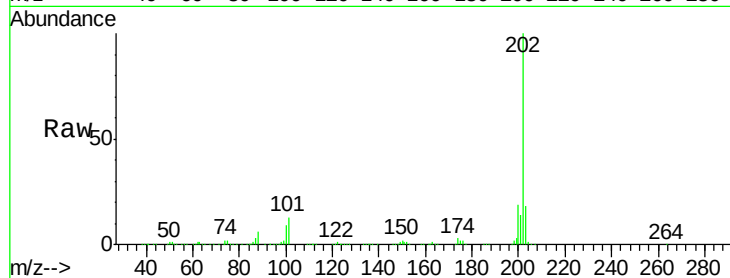
Tot Ion:202 Resp: 651169

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

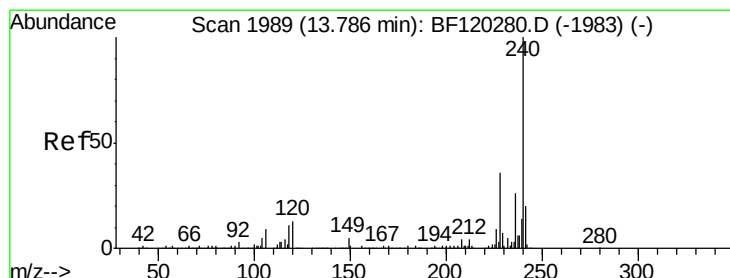
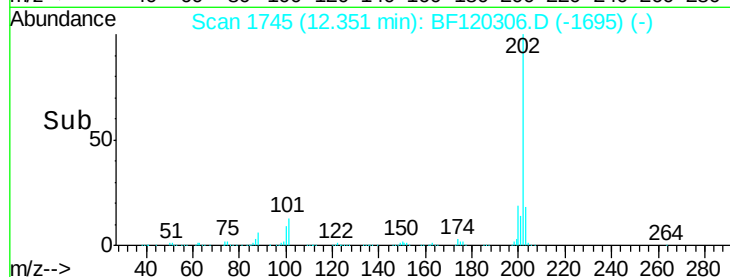
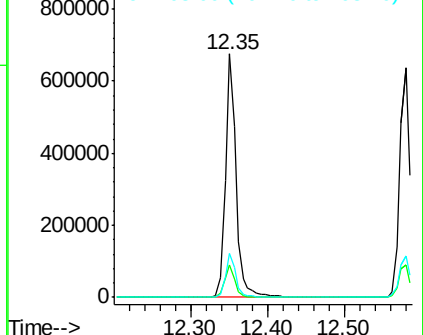
203 17.9 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

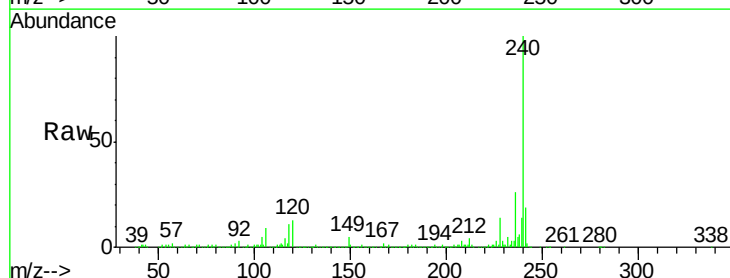
Tgt Ion:240 Resp: 702427

Ion Ratio Lower Upper

240 100

120 13.2 10.4 15.6

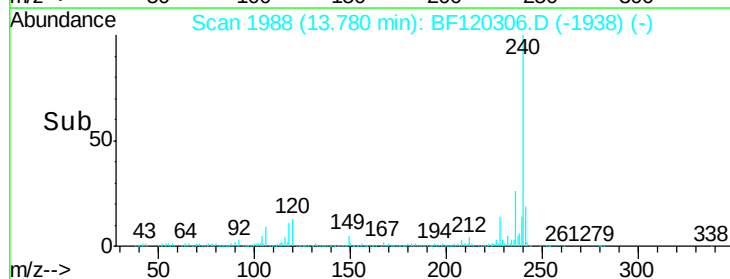
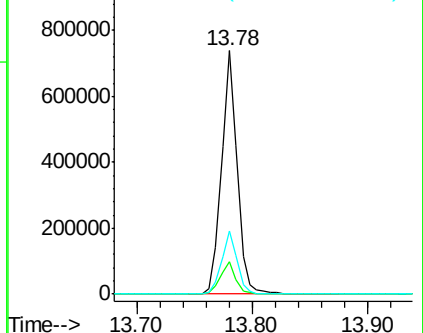
236 26.1 21.0 31.6

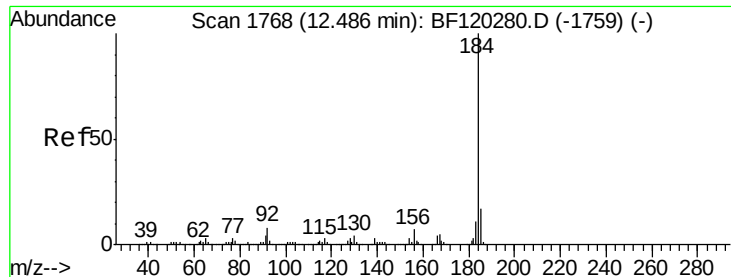


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.716 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

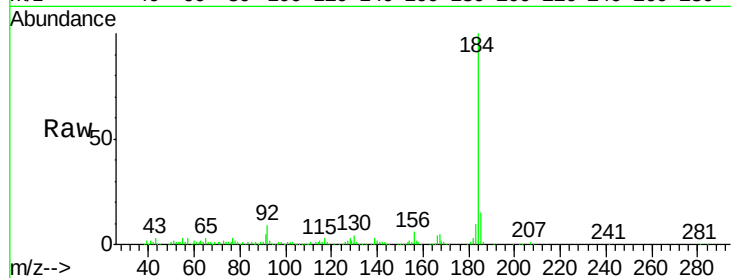
Tot Ion:184 Resp: 260833

Ion Ratio Lower Upper

184 100

185 14.9 13.7 20.5

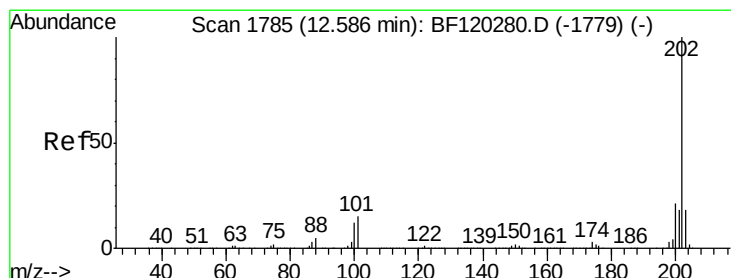
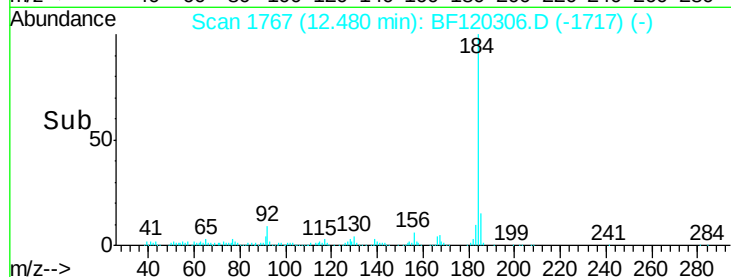
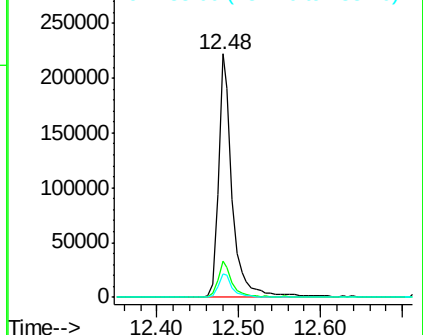
183 9.9 8.7 13.1



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: 13.035 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

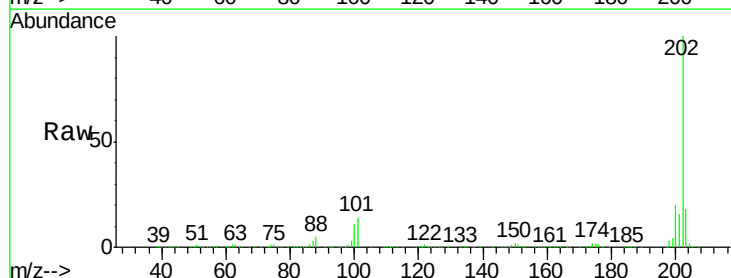
Tgt Ion:202 Resp: 652765

Ion Ratio Lower Upper

202 100

200 20.2 16.6 25.0

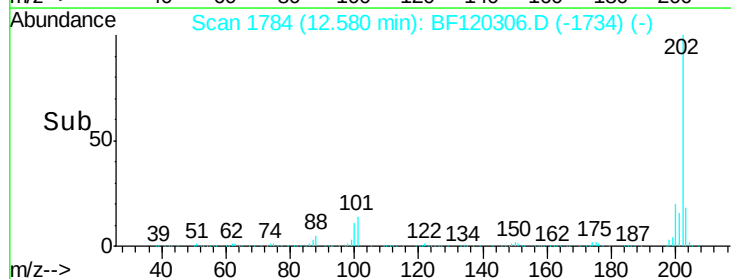
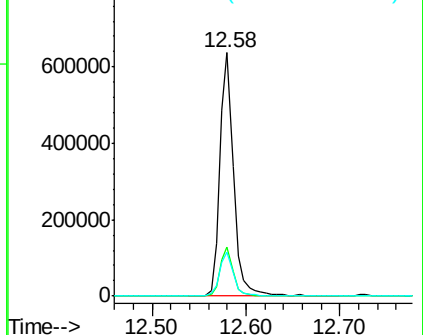
203 17.8 14.6 22.0

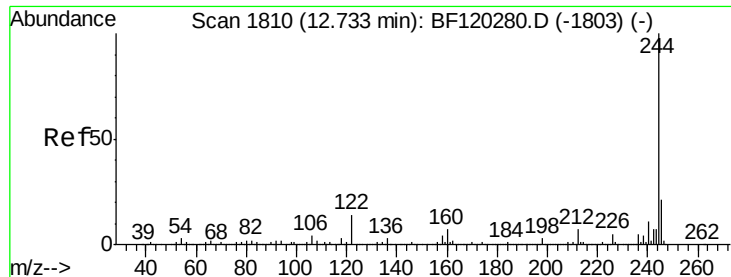


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 29.163 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

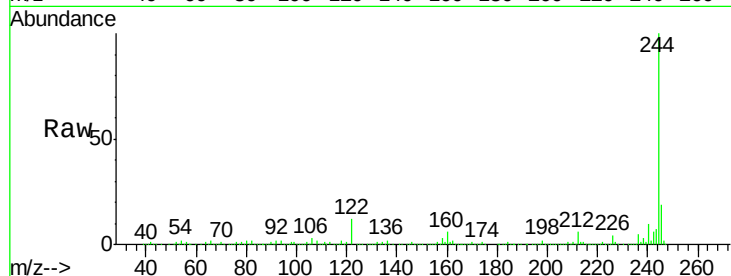
Tot Ion:244 Resp: 927245

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.6

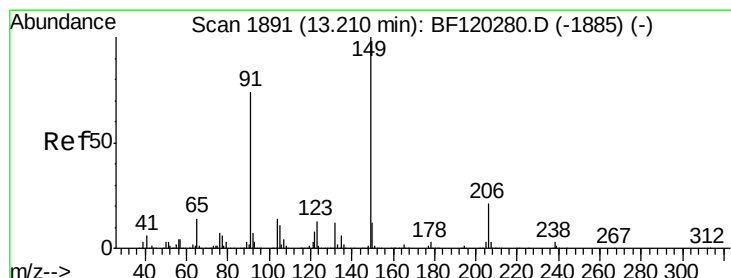
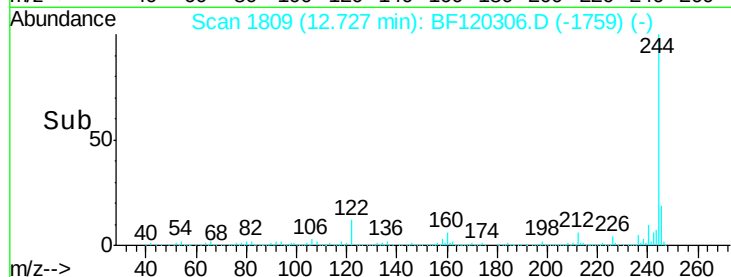
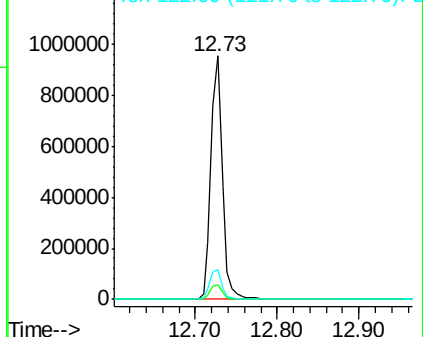
122 12.1 10.8 16.2



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: 11.191 ng

RT: 13.20 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

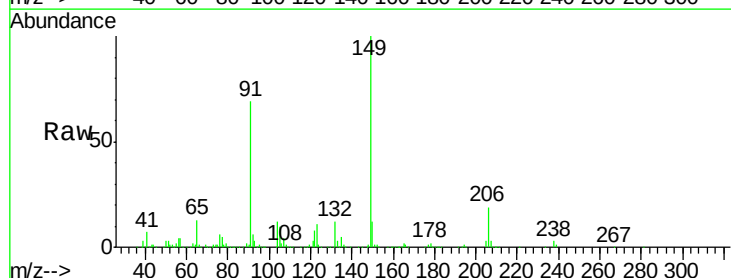
Tgt Ion:149 Resp: 263887

Ion Ratio Lower Upper

149 100

91 68.7 59.0 88.4

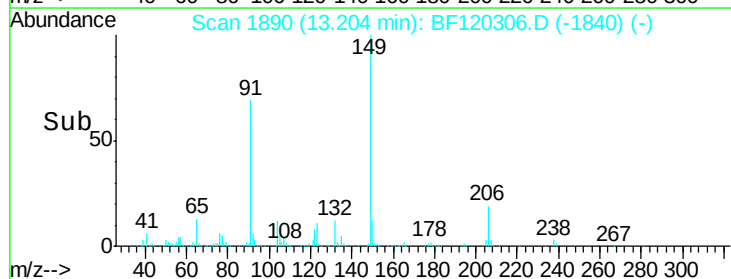
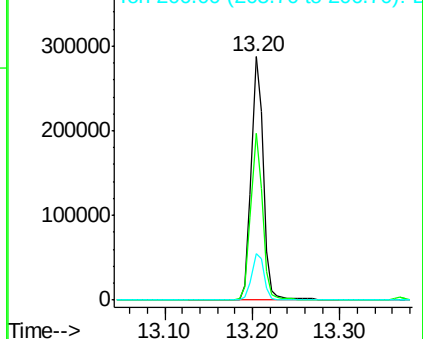
206 18.8 16.8 25.2

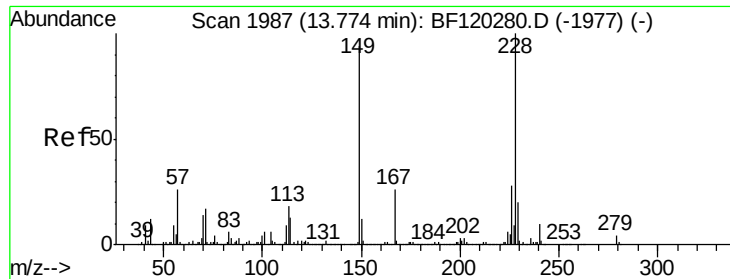


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.712 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

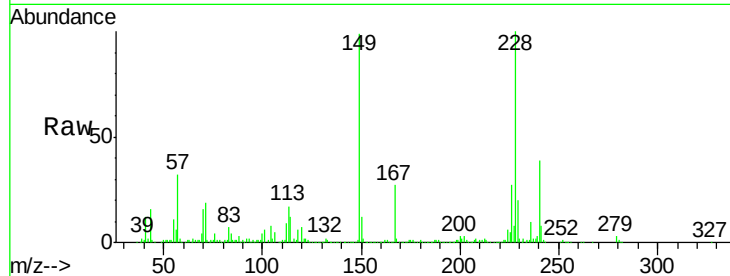
Tot Ion:228 Resp: 396875

Ion Ratio Lower Upper

228 100

226 26.8 22.6 33.8

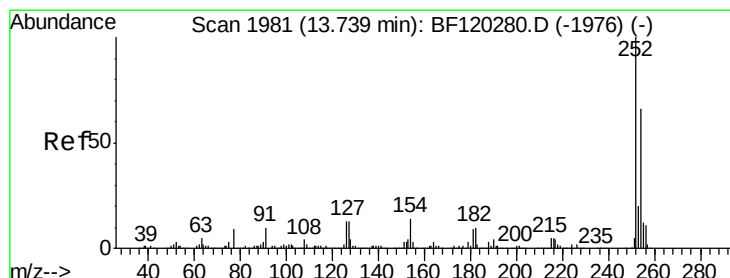
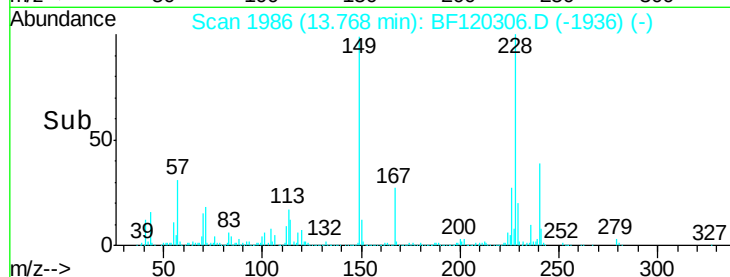
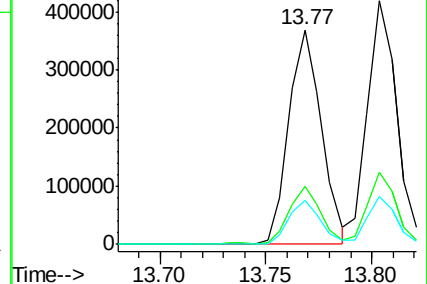
229 20.2 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 9.959 ng

RT: 13.73 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

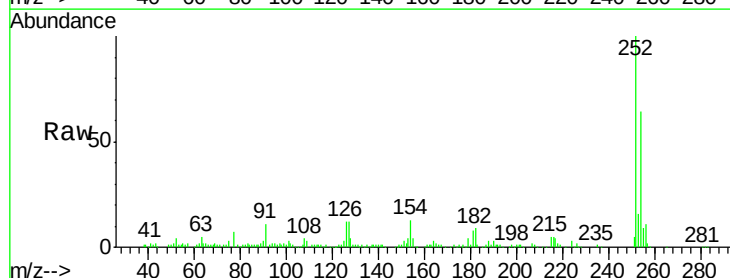
Tgt Ion:252 Resp: 139038

Ion Ratio Lower Upper

252 100

254 64.3 52.6 78.8

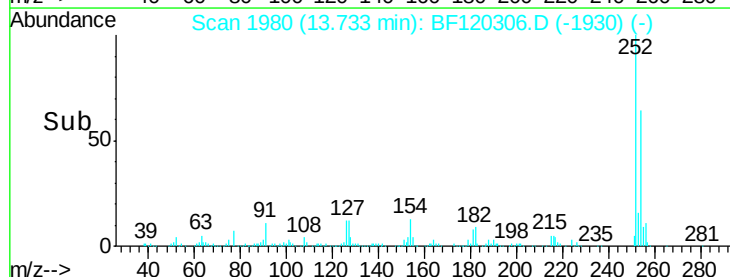
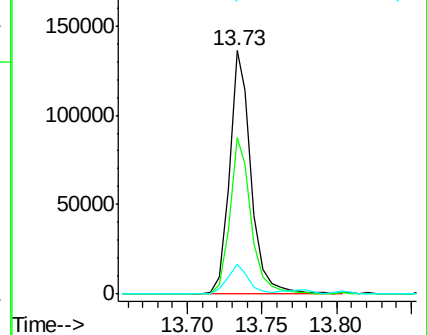
126 12.2 10.7 16.1

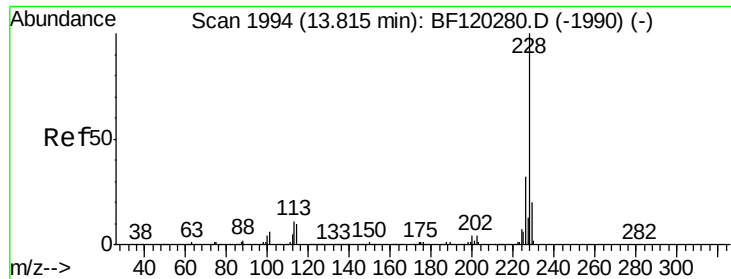


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 10.368 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Instrument :

BNA_F

ClientSampleId :

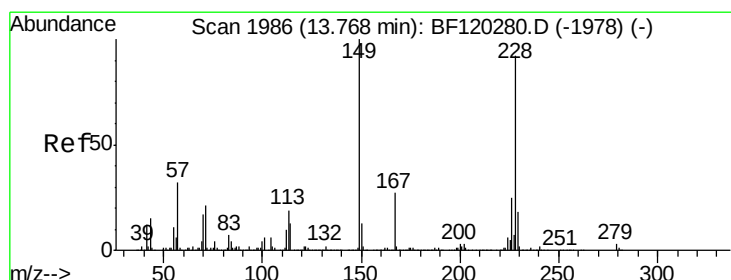
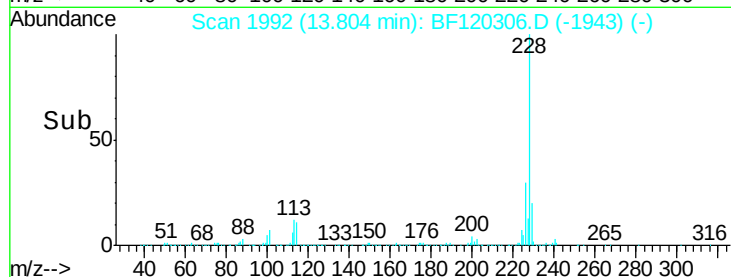
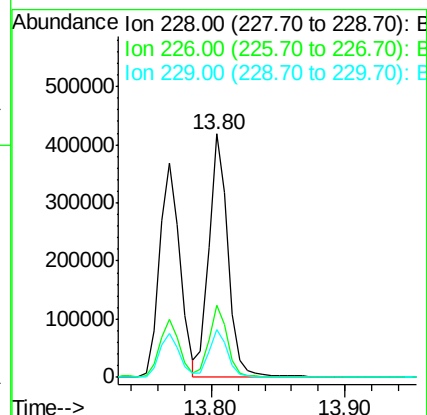
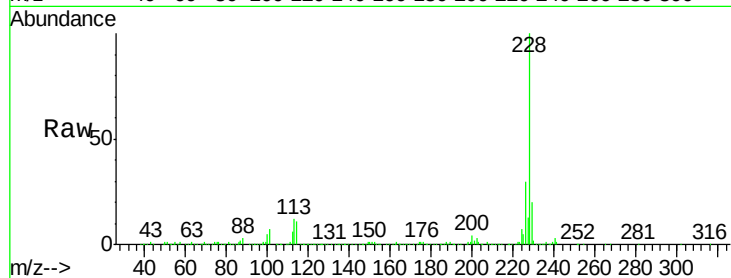
Tot Ion:228 Resp: 412455

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.6

229 19.6 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.388 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

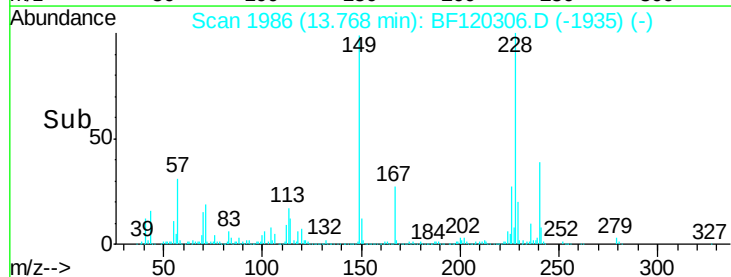
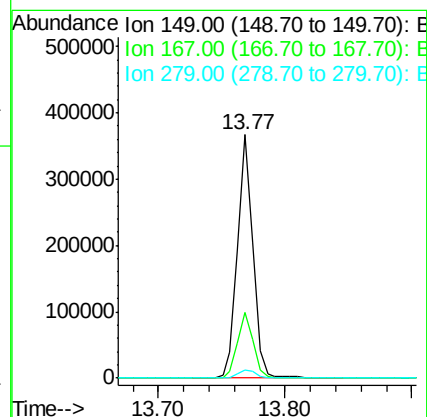
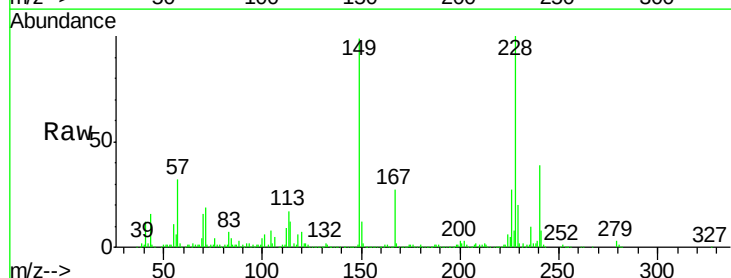
Tgt Ion:149 Resp: 304769

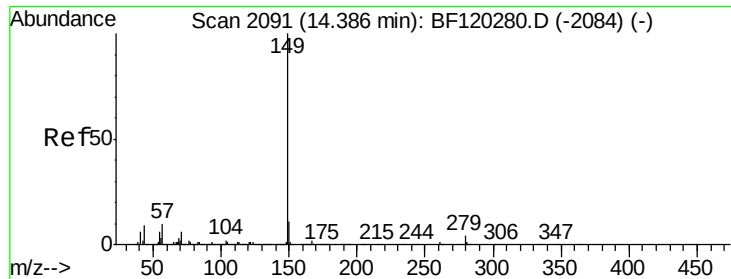
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

279 3.4 2.8 4.2

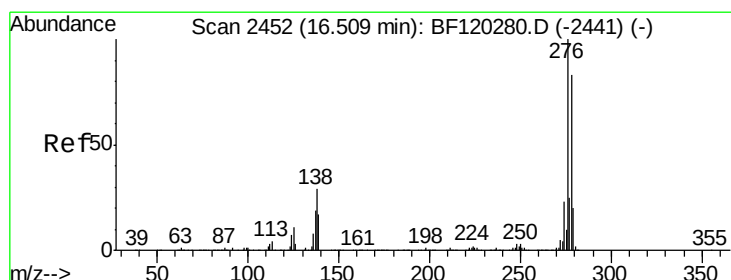
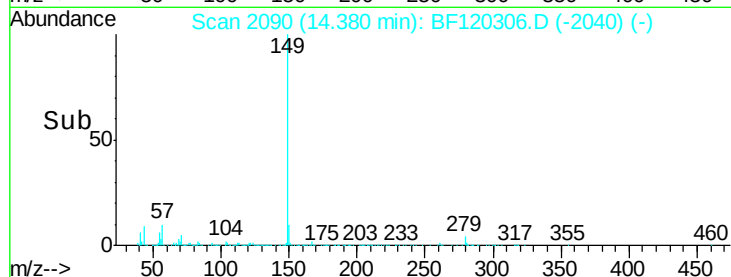
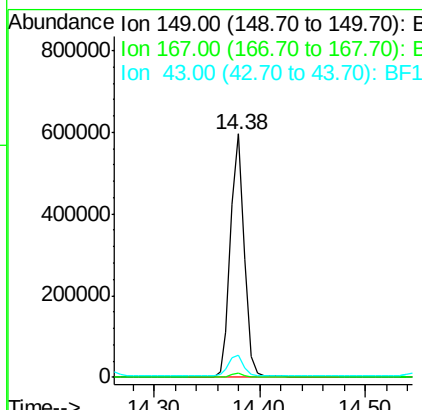
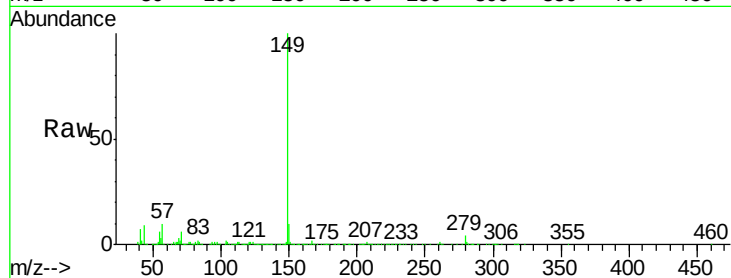




#85
Di-n-octyl phthalate
Concen: 10.146 ng
RT: 14.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

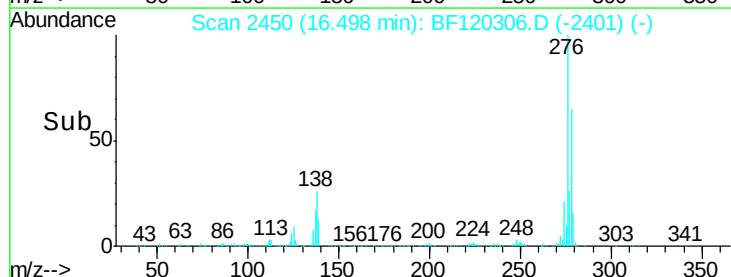
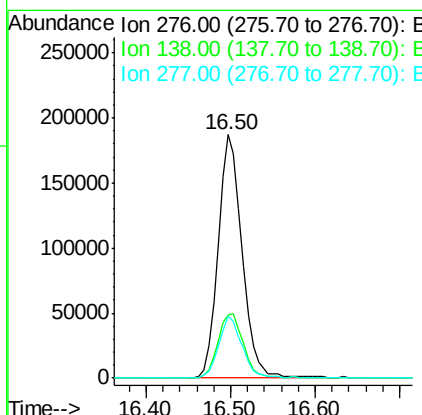
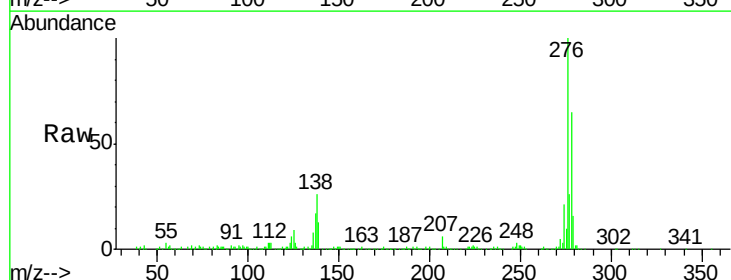
Instrument :
BNA_F
ClientSampleId :

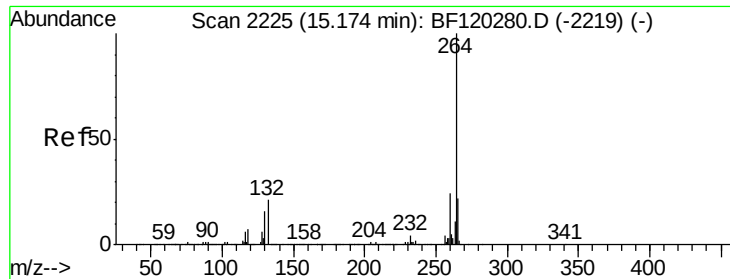
Tot Ion:149 Resp: 535471
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.4 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 10.235 ng
RT: 16.50 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Tgt Ion:276 Resp: 369572
Ion Ratio Lower Upper
276 100
138 28.0 23.3 34.9
277 25.2 20.2 30.4

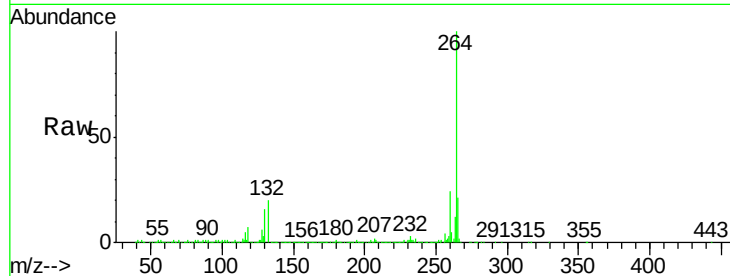




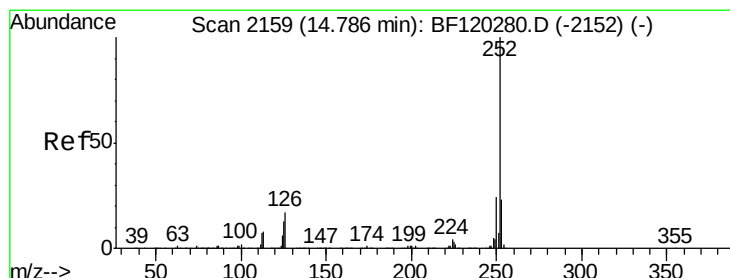
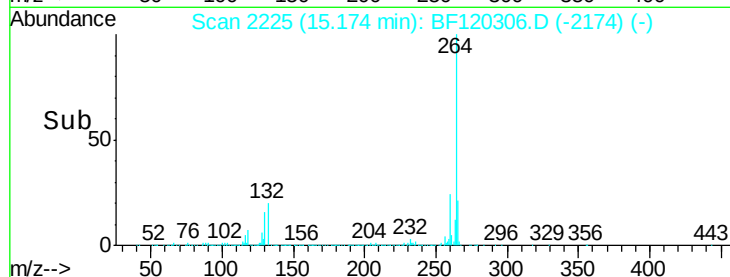
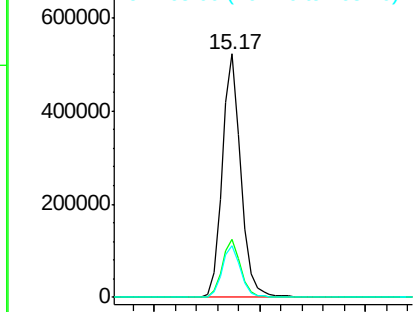
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.1	17.5	26.3

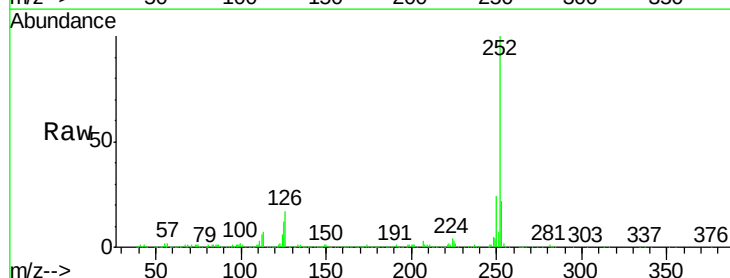


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

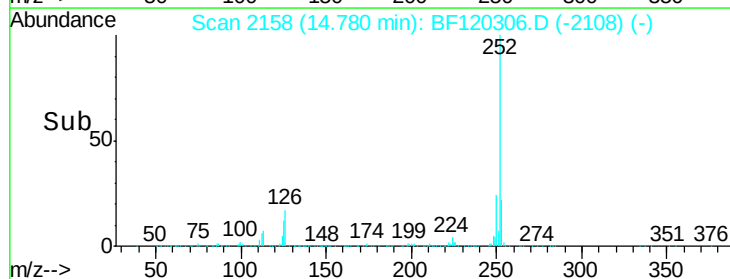
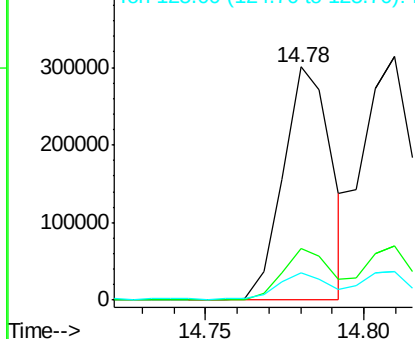


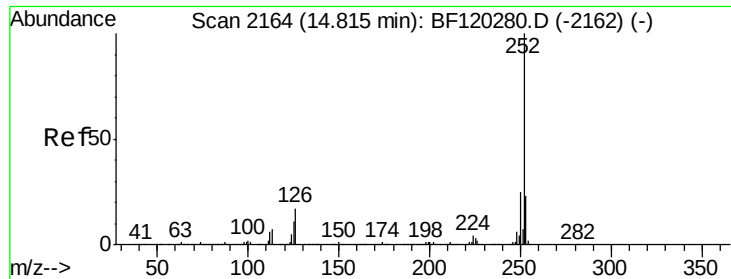
#88
Benzo(b)fluoranthene
Concen: 9.116 ng
RT: 14.78 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.0	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

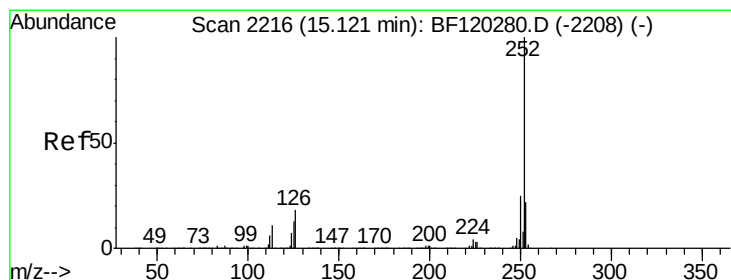
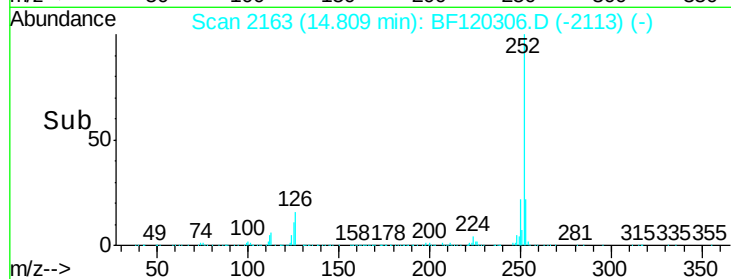
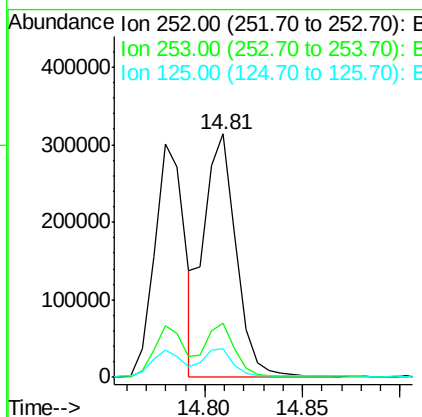
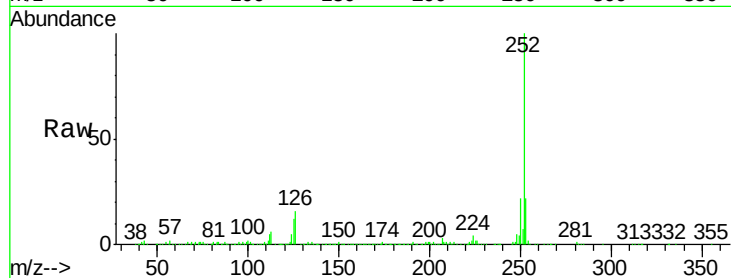




#89
Benzo(k)fluoranthene
Concen: 11.764 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

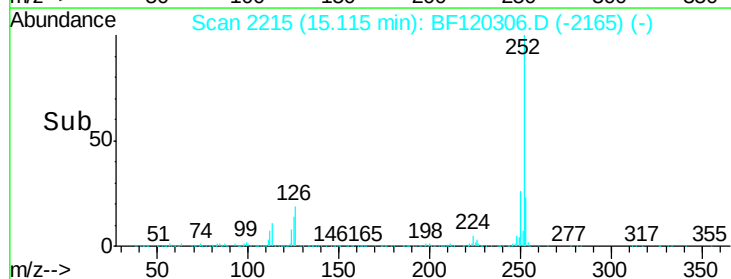
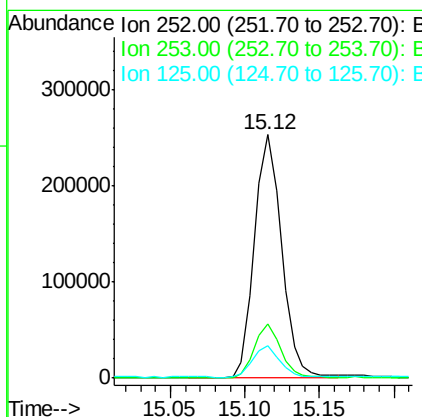
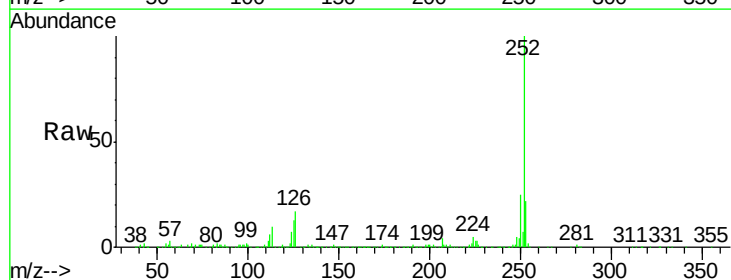
Instrument :
BNA_F
ClientSampleId :

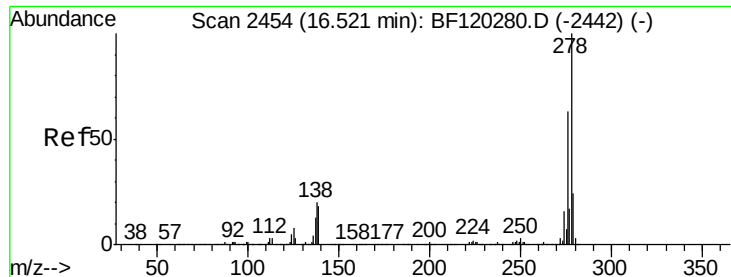
Tot Ion:252 Resp: 356971
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 11.6 9.9 14.9



#90
Benzo(a)pyrene
Concen: 10.114 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF120306.D
Acq: 14 May 2020 22:23

Tgt Ion:252 Resp: 317680
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 13.1 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 11.228 ng

RT: 16.51 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

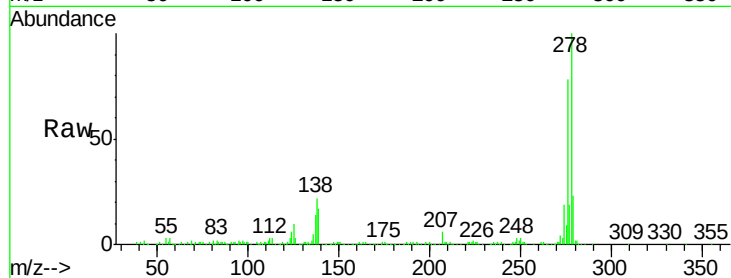
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 312436

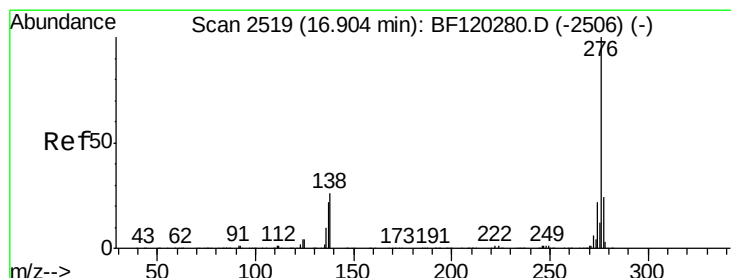
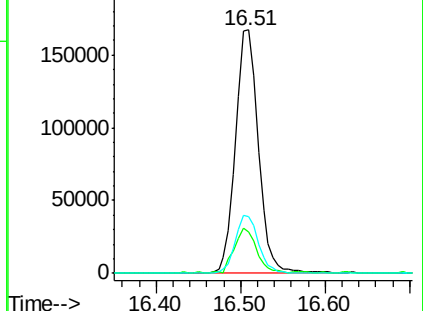
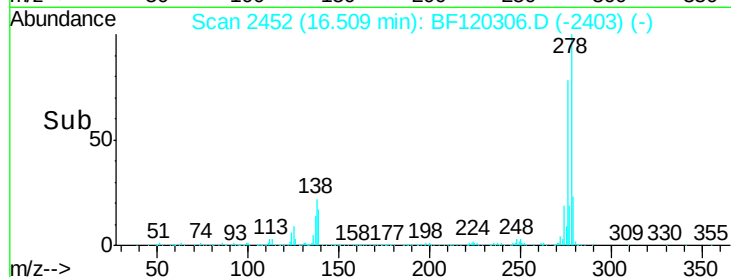
Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.7	22.1
279	23.5	19.2	28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 10.385 ng

RT: 16.89 min Scan# 2517

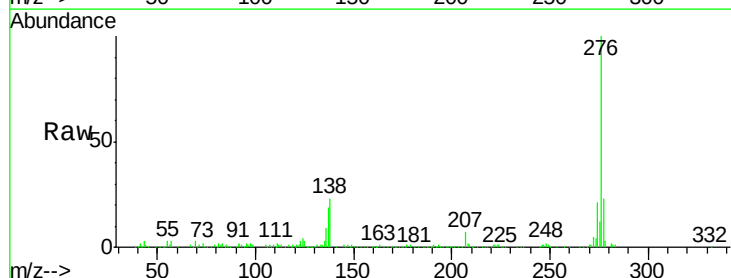
Delta R.T. -0.01 min

Lab File: BF120306.D

Acq: 14 May 2020 22:23

Tgt Ion:276 Resp: 291402

Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.1	28.7
138	23.3	20.8	31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

