

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120182.D
 Acq On : 23 Apr 2020 23:45
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 24 02:28:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	147791	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	561731	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	293290	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	563038	20.00	ng	0.00
76) Chrysene-d12	13.83	240	412436	20.00	ng	0.00
87) Perylene-d12	15.22	264	352732	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	724874	84.76	ng	0.00
7) Phenol-d6	6.31	99	950433	86.25	ng	0.00
23) Nitrobenzene-d5	7.24	82	889512	81.92	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	265704	73.99	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1699373	82.26	ng	0.00
79) Terphenyl-d14	12.77	244	1855541	75.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	151006	39.645	ng	98
3) Pyridine	2.94	79	417803	39.979	ng	95
4) n-Nitrosodimethylamine	2.90	42	201898	37.812	ng	100
6) Aniline	6.33	93	610600	42.218	ng	# 54
8) 2-Chlorophenol	6.45	128	406233	42.515	ng	98
9) Benzaldehyde	6.21	77	246564	43.125	ng	99
10) Phenol	6.32	94	530904	42.467	ng	# 70
11) bis(2-Chloroethyl)ether	6.41	93	399549	41.393	ng	98
12) 1,3-Dichlorobenzene	6.60	146	437512	41.823	ng	97
13) 1,4-Dichlorobenzene	6.68	146	434679	40.791	ng	97
14) 1,2-Dichlorobenzene	6.84	146	413674	42.123	ng	97
15) Benzyl Alcohol	6.82	79	352639	41.202	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	721425	38.408	ng	97
17) 2-Methylphenol	6.93	107	361222	42.361	ng	97
18) Hexachloroethane	7.17	117	163360	41.020	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	290243	40.960	ng	98
20) 3+4-Methylphenols	7.09	107	449828	43.132	ng	# 86
22) Acetophenone	7.08	105	548853	41.725	ng	# 94
24) Nitrobenzene	7.26	77	447051	40.928	ng	96
25) Isophorone	7.50	82	840843	40.172	ng	100
26) 2-Nitrophenol	7.57	139	223485	40.953	ng	95
27) 2,4-Dimethylphenol	7.62	122	333459	40.516	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	500872	40.666	ng	99
29) 2,4-Dichlorophenol	7.82	162	338835	40.164	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	375941	39.329	ng	100
31) Naphthalene	7.97	128	1200346	40.615	ng	98
32) Benzoic acid	7.76	122	261894	36.232	ng	97
33) 4-Chloroaniline	8.03	127	517284	40.205	ng	99
34) Hexachlorobutadiene	8.09	225	226406	39.567	ng	98
35) Caprolactam	8.41	113	104393	40.453	ng	97
36) 4-Chloro-3-methylphenol	8.52	107	374092	40.958	ng	97
37) 2-Methylnaphthalene	8.66	142	801361	39.994	ng	100
38) 1-Methylnaphthalene	8.76	142	752478	39.844	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	374514	40.430	ng	99

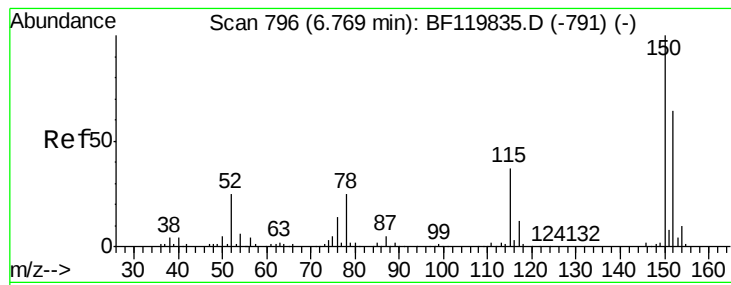
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	136536	25.920	ng	99
43) 2,4,6-Trichlorophenol	8.95	196	253374	39.610	ng	99
44) 2,4,5-Trichlorophenol	8.99	196	283847	39.398	ng	97
46) 1,1'-Biphenyl	9.13	154	1012755	40.911	ng	98
47) 2-Chloronaphthalene	9.16	162	776855	40.737	ng	96
48) 2-Nitroaniline	9.25	65	282369	40.859	ng	99
49) Acenaphthylene	9.57	152	1201131	41.415	ng	98
50) Dimethylphthalate	9.44	163	915227	40.344	ng	100
51) 2,6-Dinitrotoluene	9.50	165	203449	40.954	ng	93
52) Acenaphthene	9.74	154	717873	37.106	ng	99
53) 3-Nitroaniline	9.67	138	234855	41.394	ng	97
54) 2,4-Dinitrophenol	9.77	184	99737	33.534	ng	95
55) Dibenzofuran	9.91	168	1086135	40.912	ng	100
56) 4-Nitrophenol	9.84	139	156784	37.140	ng	88
57) 2,4-Dinitrotoluene	9.90	165	262243	40.067	ng	95
58) Fluorene	10.25	166	846926	39.890	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	213165	38.685	ng	99
60) Diethylphthalate	10.13	149	954434	40.593	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	425574	39.108	ng	98
62) 4-Nitroaniline	10.28	138	237556	43.935	ng	99
63) Azobenzene	10.41	77	871712	41.370	ng	96
65) 4,6-Dinitro-2-methylphenol	10.31	198	143334	38.641	ng	82
66) n-Nitrosodiphenylamine	10.37	169	761805	40.684	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	267704	38.233	ng	98
68) Hexachlorobenzene	10.80	284	277440	39.058	ng	99
69) Atrazine	10.90	200	212926	40.870	ng	98
70) Pentachlorophenol	11.00	266	130288	31.829	ng	98
71) Phenanthrene	11.21	178	1233511	41.164	ng	99
72) Anthracene	11.26	178	1256622	41.051	ng	98
73) Carbazole	11.42	167	1187896	41.035	ng	99
74) Di-n-butylphthalate	11.76	149	1529434	40.190	ng	99
75) Fluoranthene	12.40	202	1330933	41.164	ng	98
77) Benzidine	12.52	184	531168	38.100	ng	100
78) Pyrene	12.63	202	1367571	39.333	ng	98
80) Butylbenzylphthalate	13.25	149	657878	38.994	ng	97
81) Benzo(a)anthracene	13.82	228	1090463	40.190	ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	393390	38.858	ng	99
83) Chrysene	13.85	228	1110372	40.276	ng	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	870116	38.084	ng	100
85) Di-n-octyl phthalate	14.43	149	1566327	40.265	ng	99
86) Indeno(1,2,3-cd)pyrene	16.57	276	907447	37.340	ng	99
88) Benzo(b)fluoranthene	14.83	252	999412	39.386	ng	99
89) Benzo(k)fluoranthene	14.86	252	908238	41.484	ng	99
90) Benzo(a)pyrene	15.17	252	868842	40.724	ng	100
91) Dibenzo(a,h)anthracene	16.59	278	749938	39.683	ng	99
92) Benzo(g,h,i)perylene	16.98	276	721267	38.664	ng	98

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

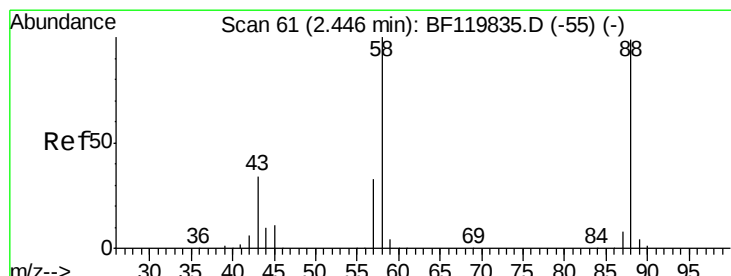
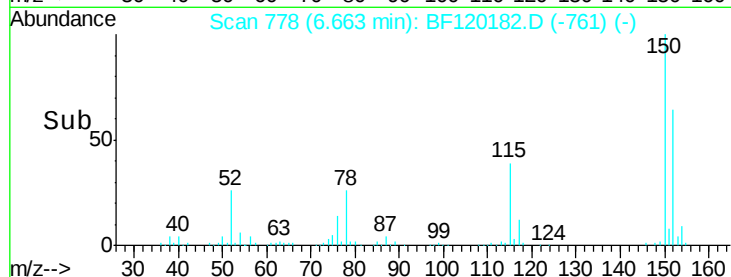
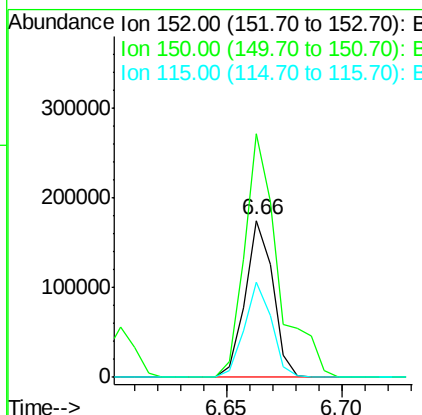
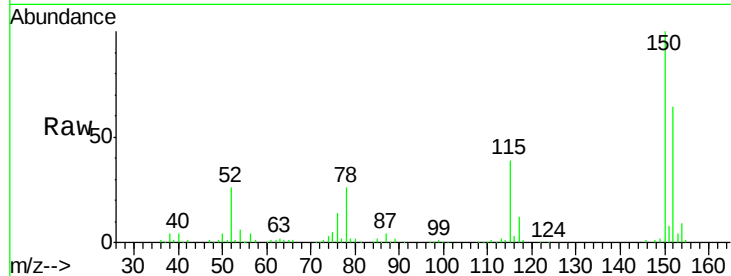


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

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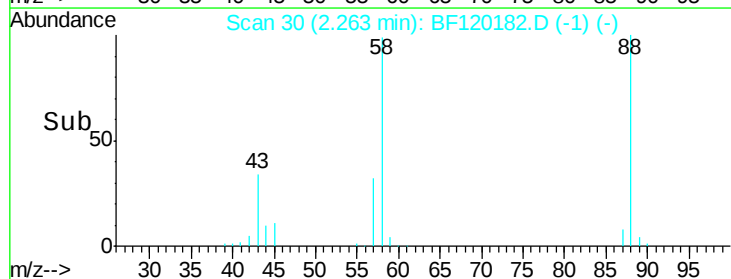
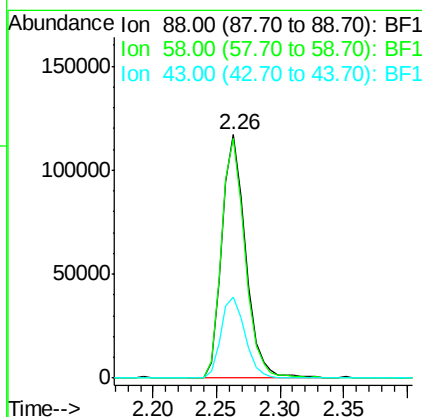
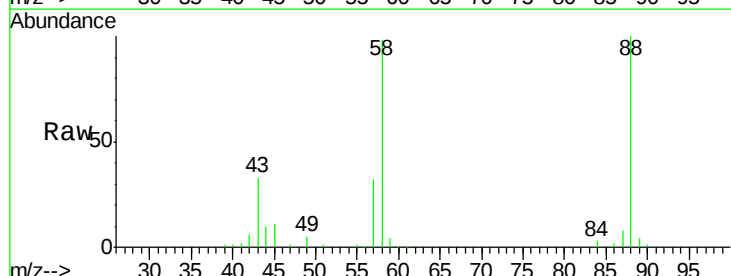
Tot Ion:152 Resp: 147791
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.5 186.7
 115 60.8 49.6 74.4

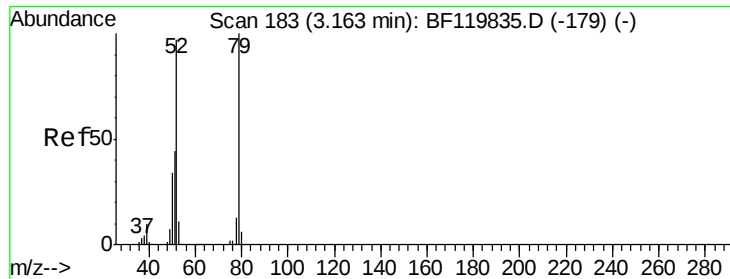


#2

1,4-Dioxane
 Concen: 39.645 ng
 RT: 2.26 min Scan# 30
 Delta R.T. -0.01 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

Tgt Ion: 88 Resp: 151006
 Ion Ratio Lower Upper
 88 100
 58 98.5 80.6 121.0
 43 34.3 27.5 41.3





#3

Pvridine

Concen: 39.979 ng

RT: 2.94 min Scan# 145

Delta R.T. -0.01 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

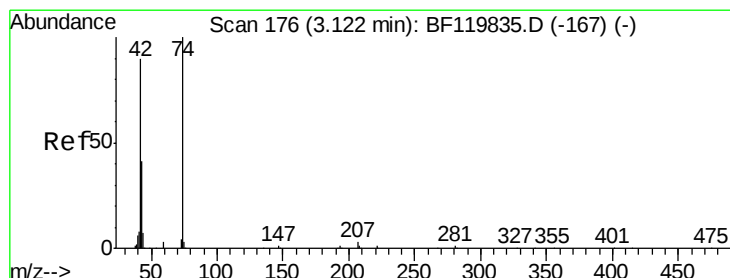
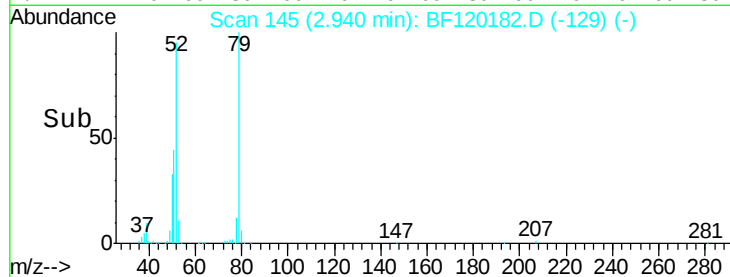
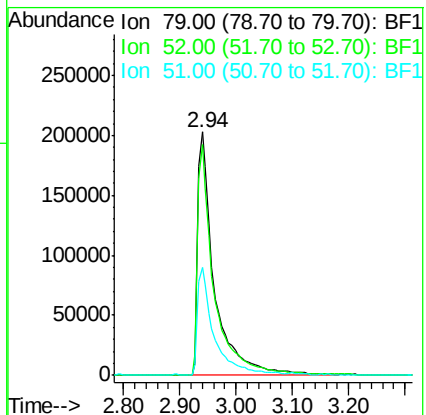
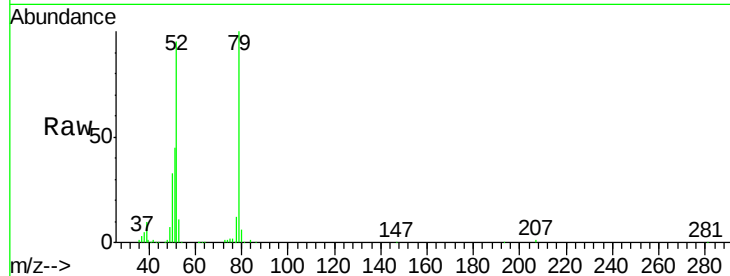
Tot Ion: 79 Resp: 417803

Ion Ratio Lower Upper

79 100

52 94.9 80.2 120.2

51 44.5 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 37.812 ng

RT: 2.90 min Scan# 139

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

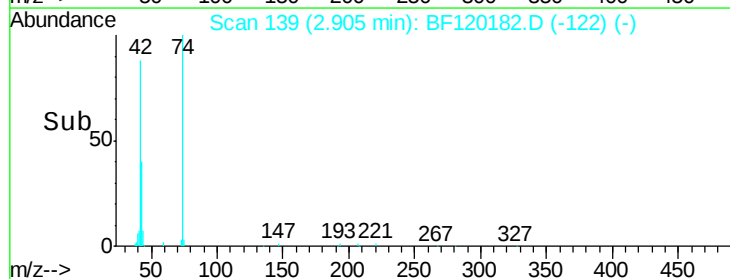
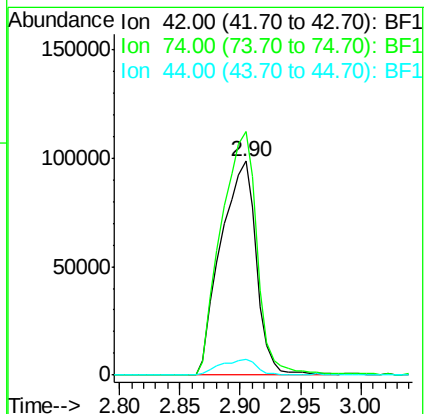
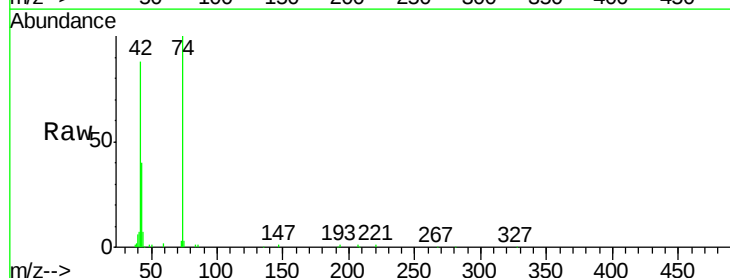
Tgt Ion: 42 Resp: 201898

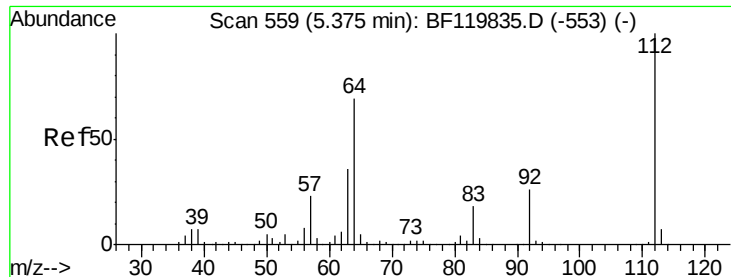
Ion Ratio Lower Upper

42 100

74 113.9 91.5 137.3

44 7.6 6.2 9.4





#5

2-Fluorophenol

Concen: 84.763 ng

RT: 5.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

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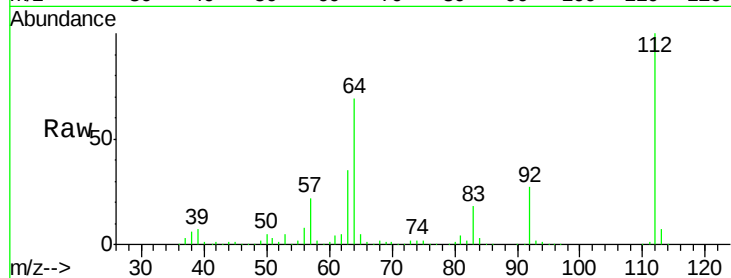
Tot Ion:112 Resp: 724874

Ion Ratio Lower Upper

112 100

64 69.0 56.7 85.1

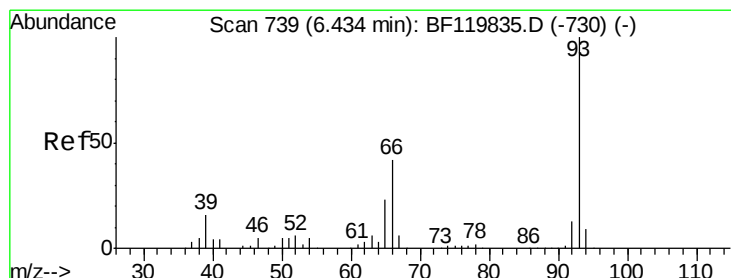
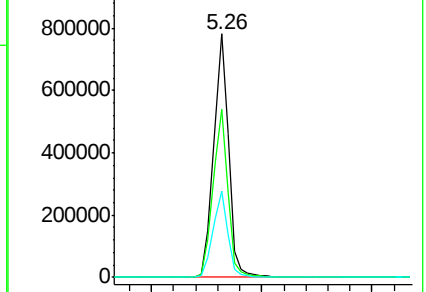
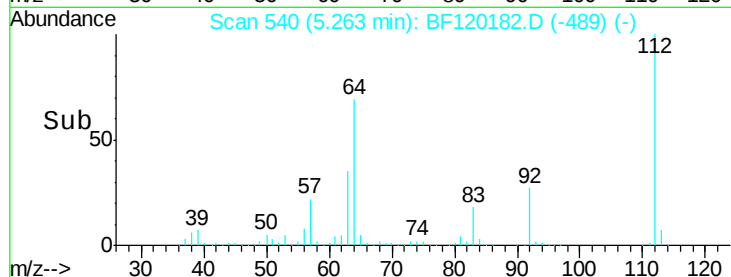
63 35.2 29.5 44.3



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: 42.218 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

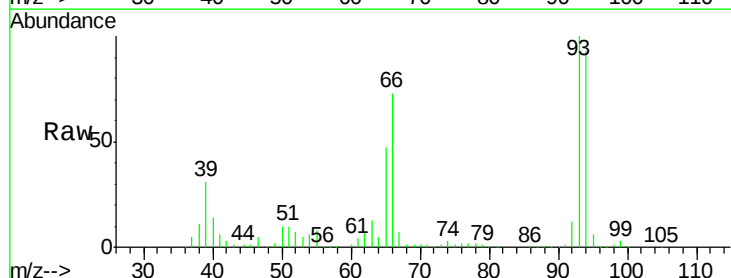
Tgt Ion: 93 Resp: 610600

Ion Ratio Lower Upper

93 100

66 72.7 34.9 52.3#

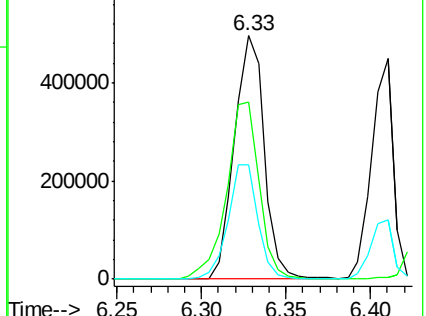
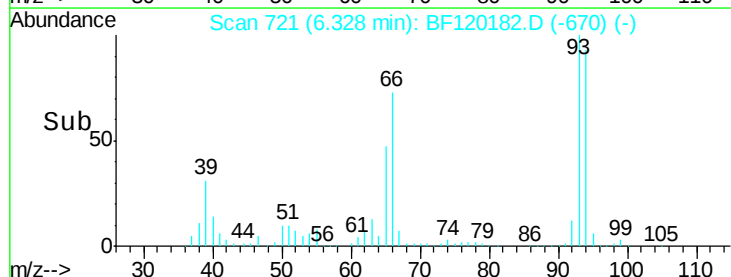
65 46.8 18.6 27.8#

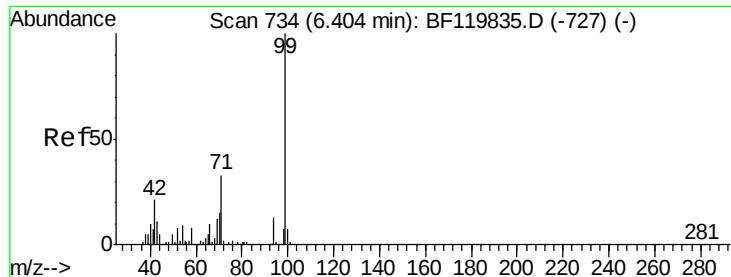


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.251 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

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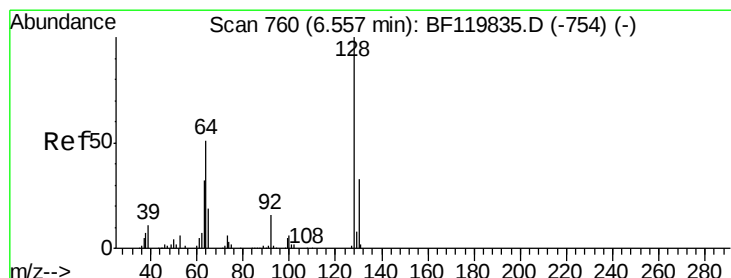
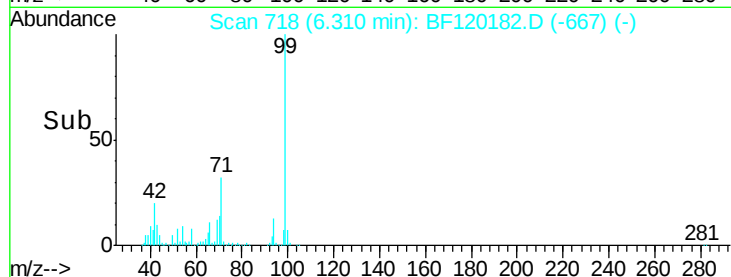
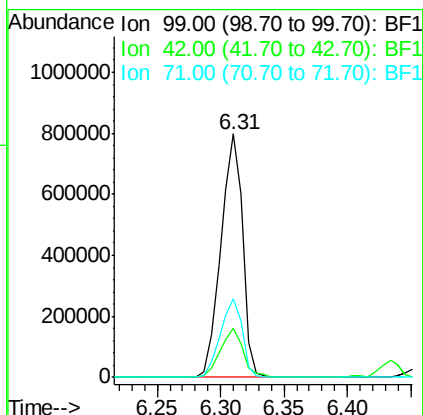
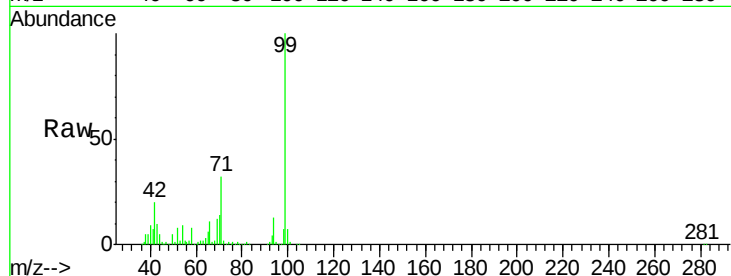
Tot Ion: 99 Resp: 950433

Ion Ratio Lower Upper

99 100

42 19.9 16.6 24.8

71 32.2 26.4 39.6



#8

2-Chlorophenol

Concen: 42.515 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

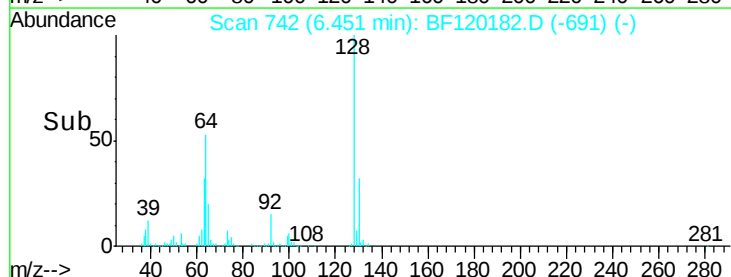
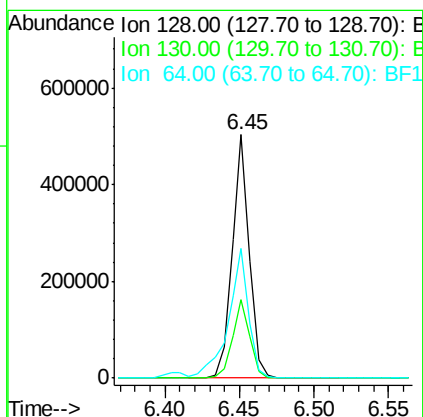
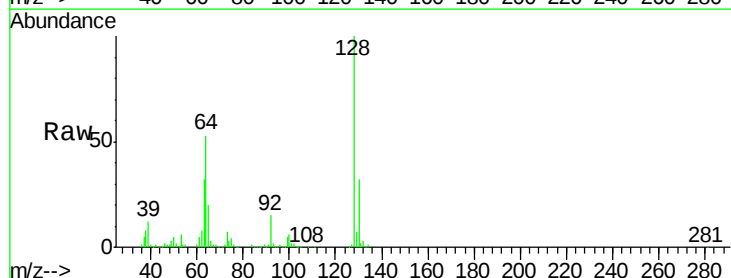
Tgt Ion: 128 Resp: 406233

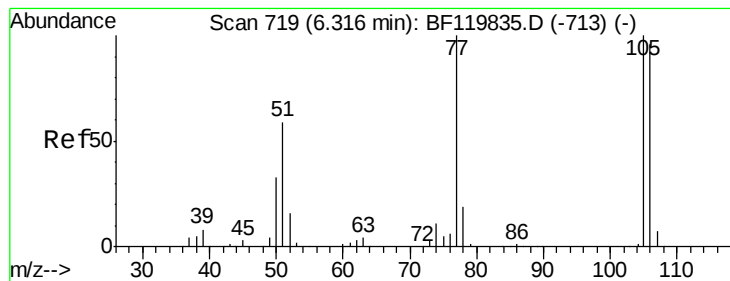
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 53.1 35.3 75.3





#9

Benzaldehyde

Concen: 43.125 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

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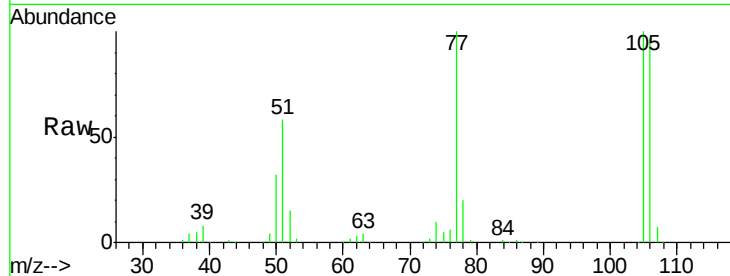
Tot Ion: 77 Resp: 246564

Ion Ratio Lower Upper

77 100

105 100.3 80.9 120.9

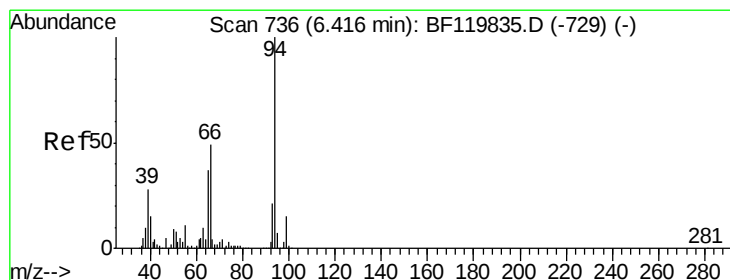
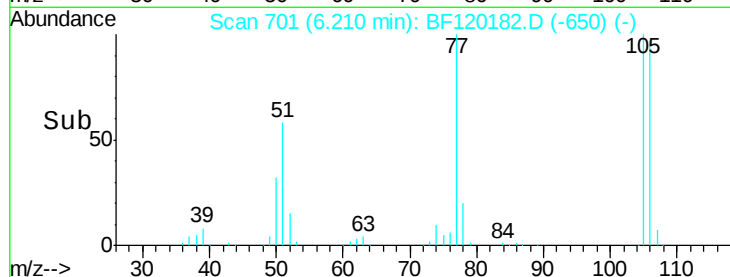
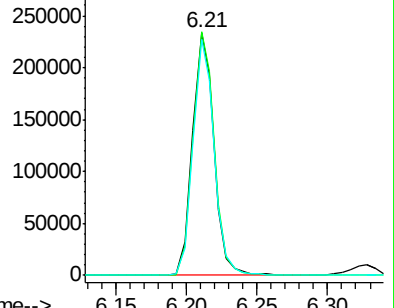
106 97.3 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.467 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

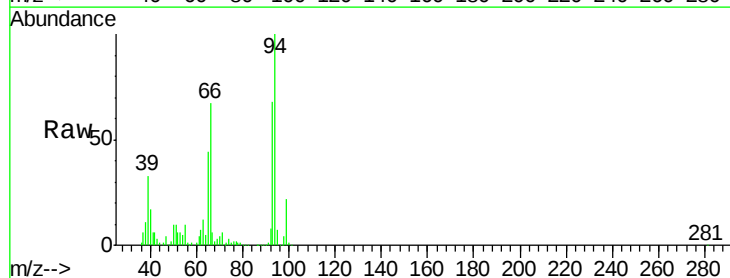
Tgt Ion: 94 Resp: 530904

Ion Ratio Lower Upper

94 100

65 44.1 13.2 53.2

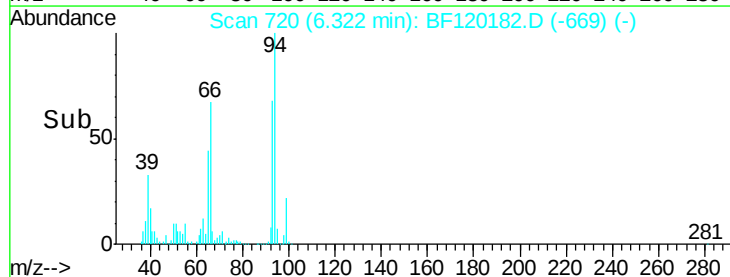
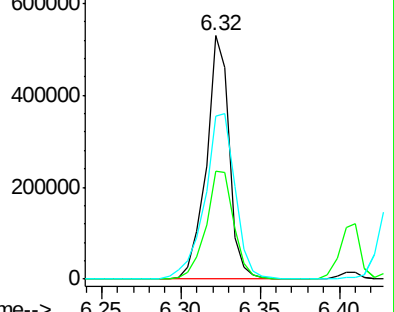
66 66.9 22.3 62.3#

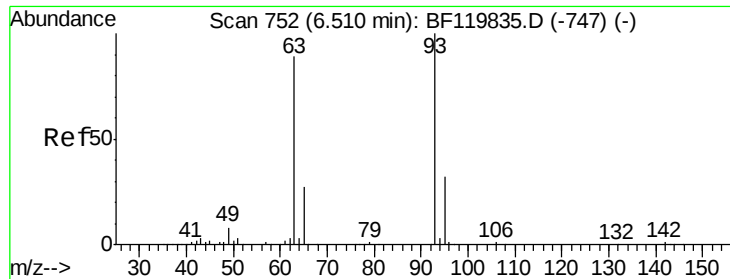


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.393 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

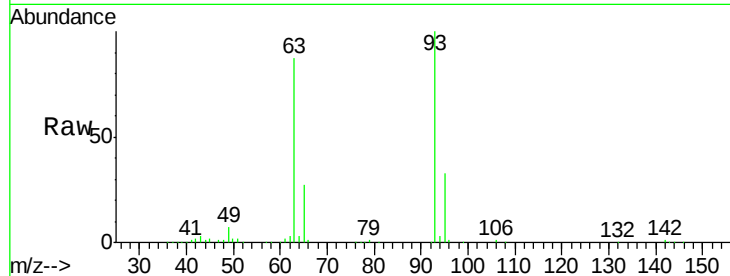
Tot Ion: 93 Resp: 399549

Ion Ratio Lower Upper

93 100

63 87.3 70.2 110.2

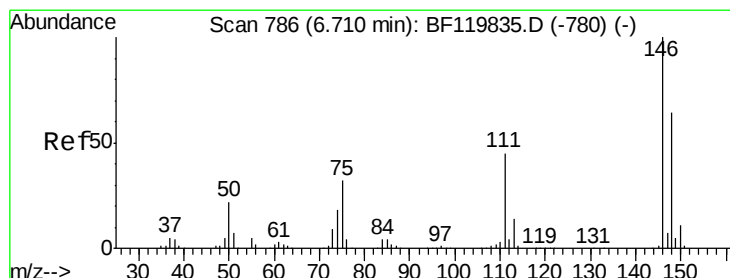
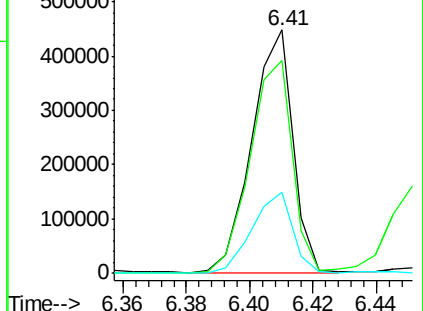
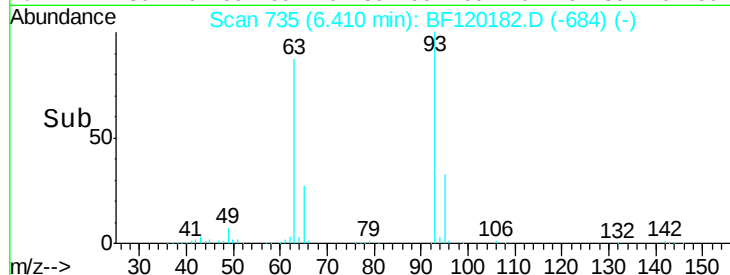
95 33.1 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.823 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

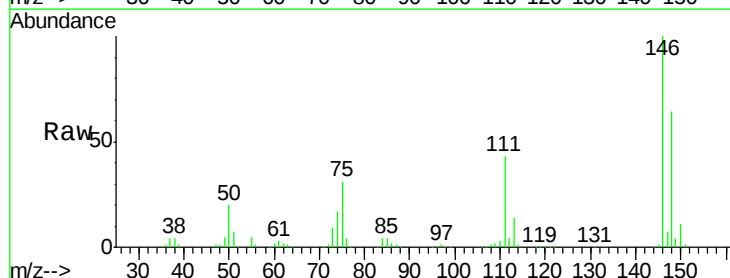
Tgt Ion: 146 Resp: 437512

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.4

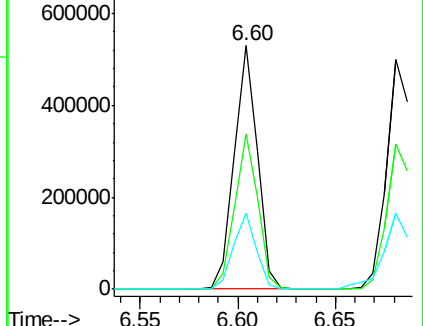
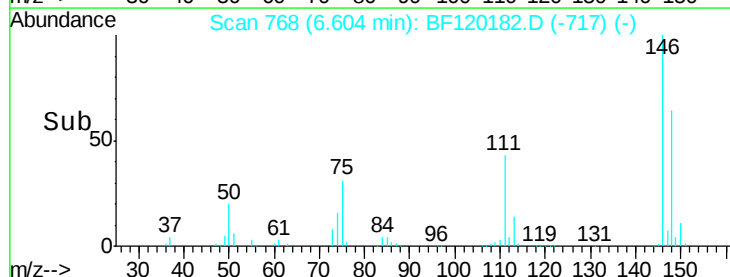
75 31.4 23.0 34.4

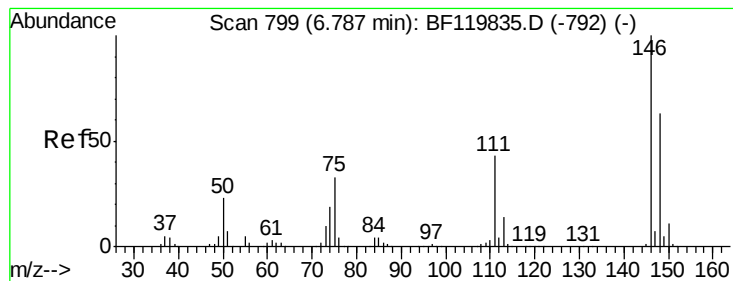


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.791 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

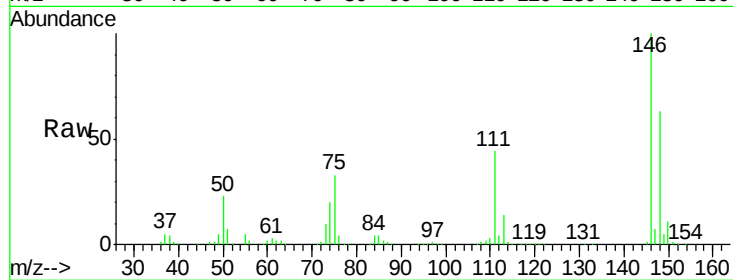
Tot Ion:146 Resp: 434679

Ion Ratio Lower Upper

146 100

148 63.1 51.5 77.3

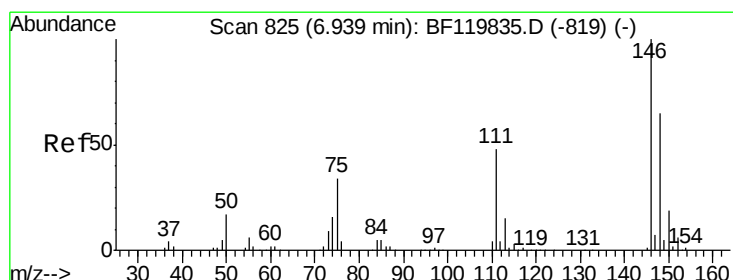
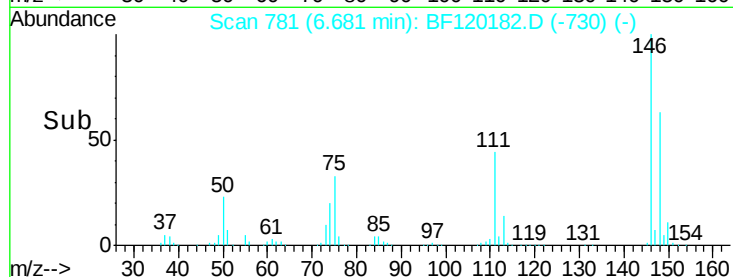
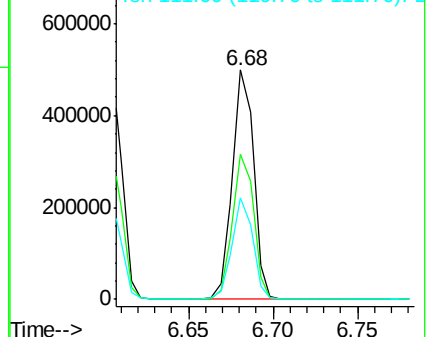
111 44.1 33.3 49.9



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: 42.123 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

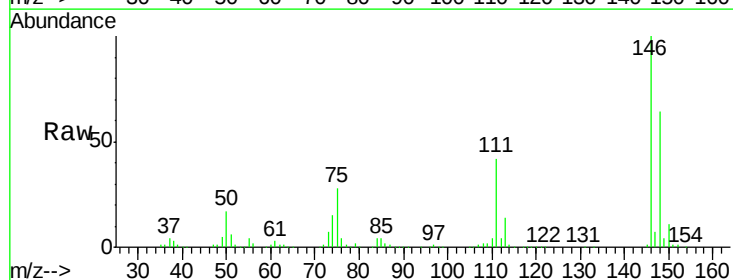
Tgt Ion:146 Resp: 413674

Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

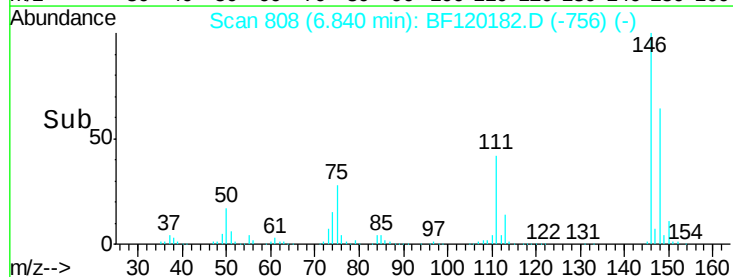
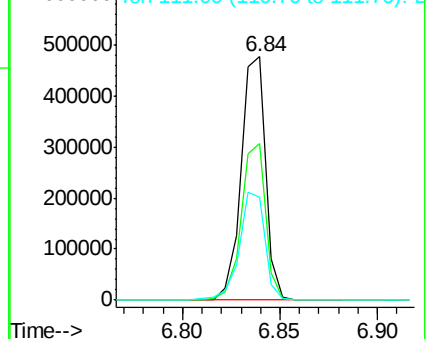
111 42.3 36.1 54.1

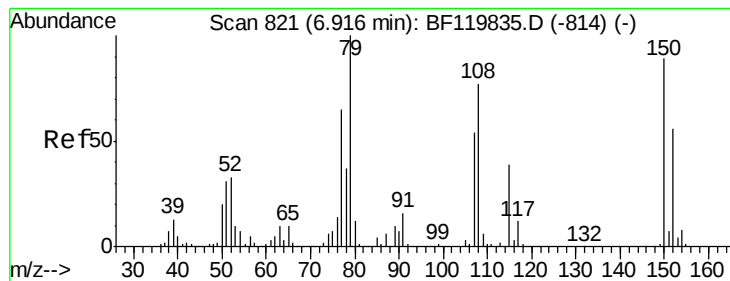


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.202 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

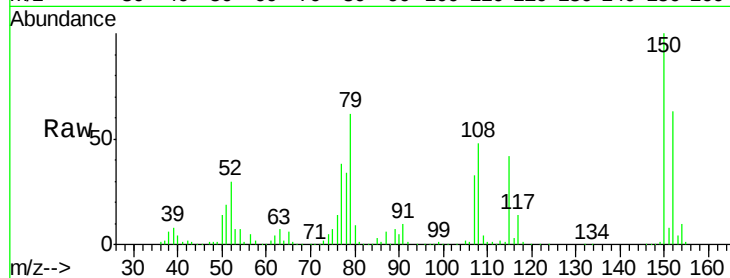
Tot Ion: 79 Resp: 352639

Ion Ratio Lower Upper

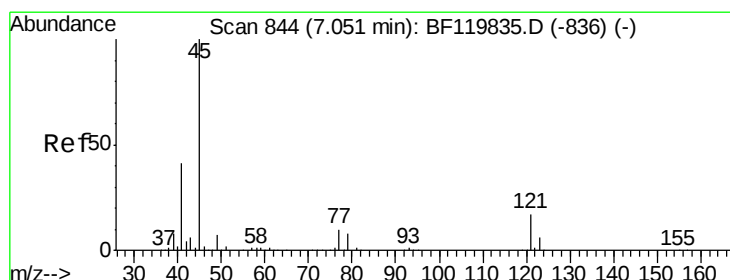
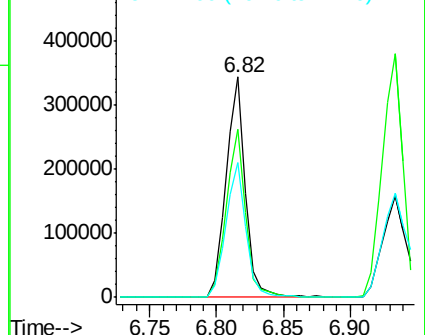
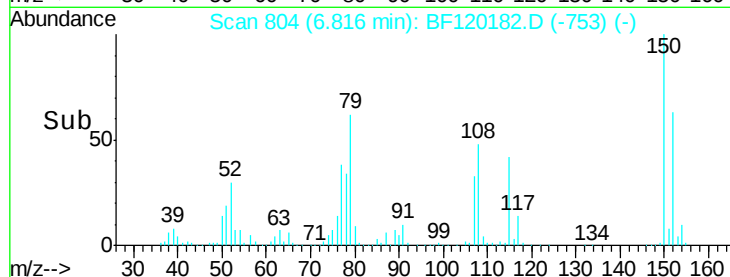
79 100

108 76.6 60.6 90.8

77 61.5 50.2 75.2



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: 38.408 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

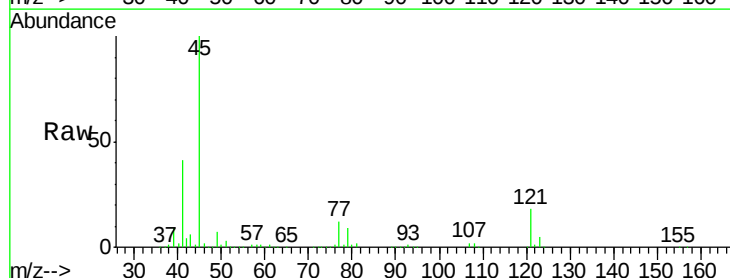
Tgt Ion: 45 Resp: 721425

Ion Ratio Lower Upper

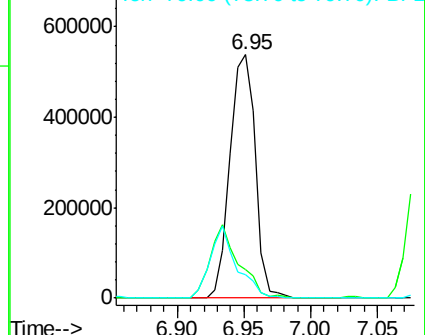
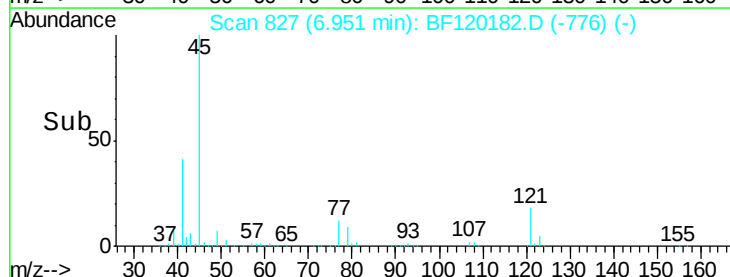
45 100

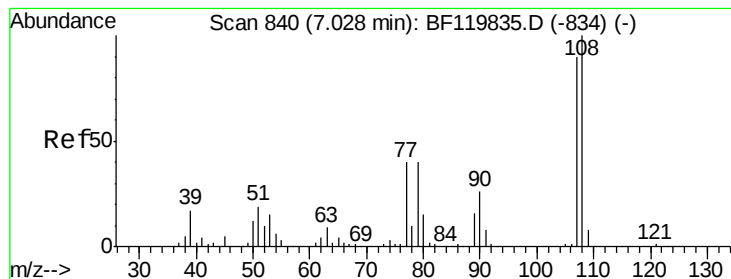
77 11.9 0.0 30.7

79 9.4 0.0 28.2



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

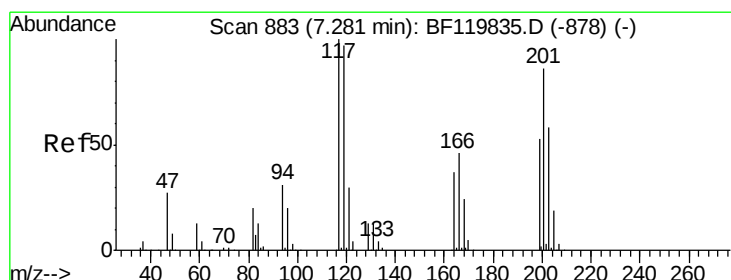
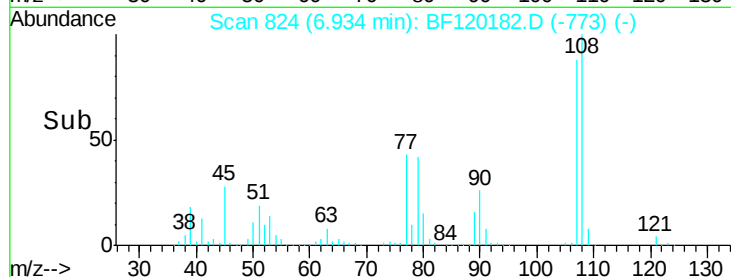
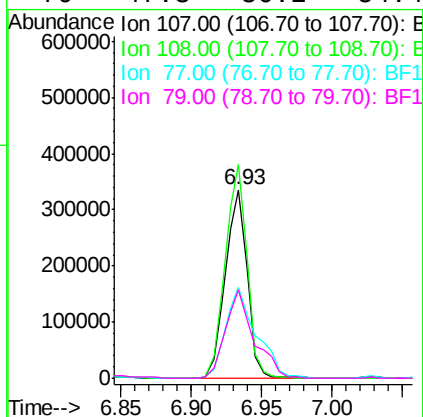
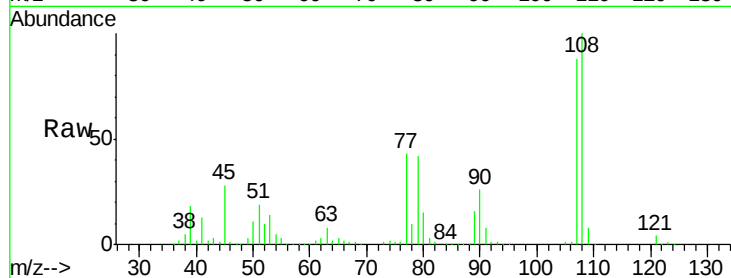




#17
2-Methylphenol
Concen: 42.361 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

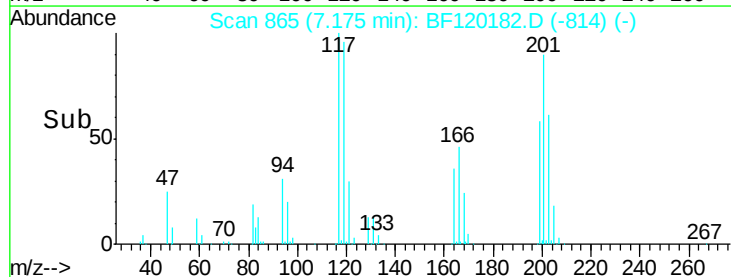
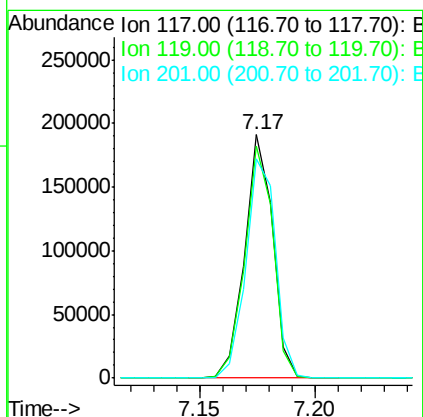
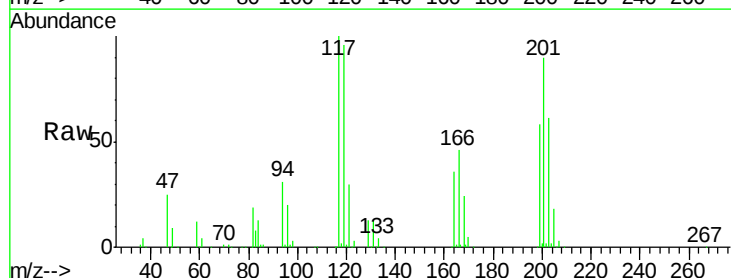
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

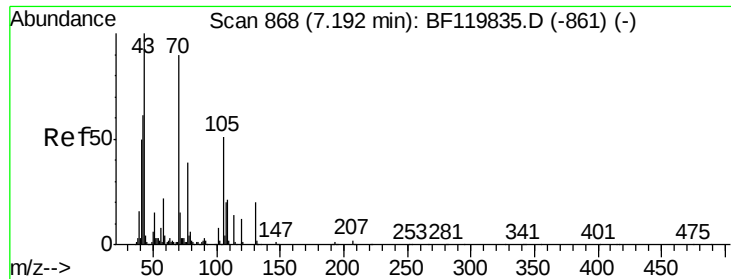
Tot Ion:	107	Resp:	361222
Ion	Ratio	Lower	Upper
107	100		
108	113.5	92.2	138.4
77	48.6	36.6	54.8
79	47.3	36.2	54.4



#18
Hexachloroethane
Concen: 41.020 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Tgt Ion:	117	Resp:	163360
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.1	114.1
201	90.2	73.0	109.6

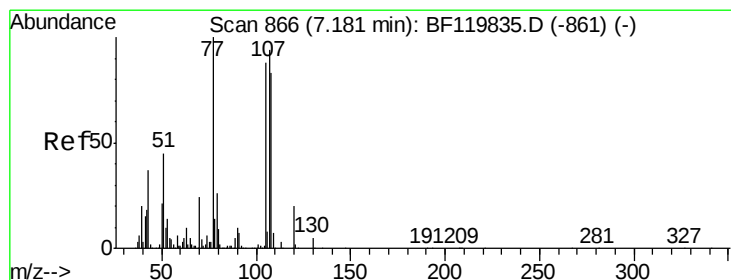
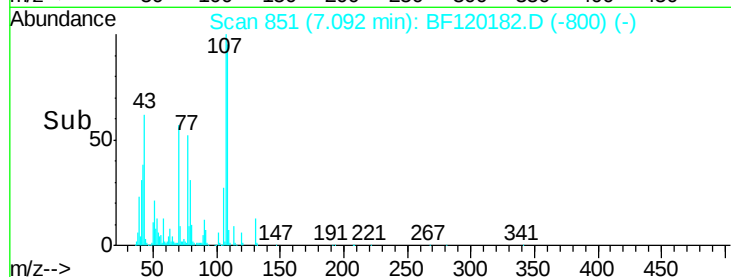
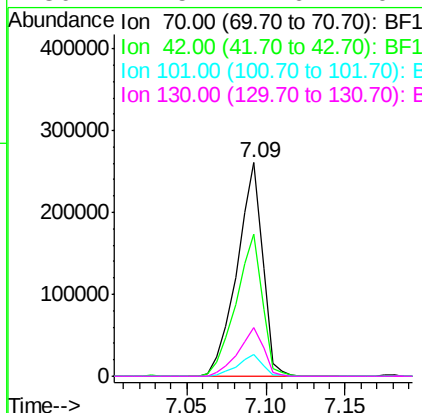
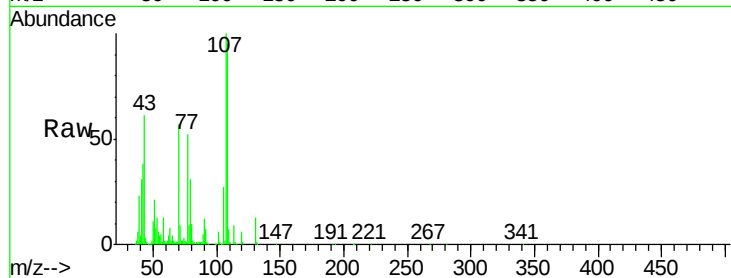




#19
n-Nitroso-di-n-propylamine
Concen: 40.960 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

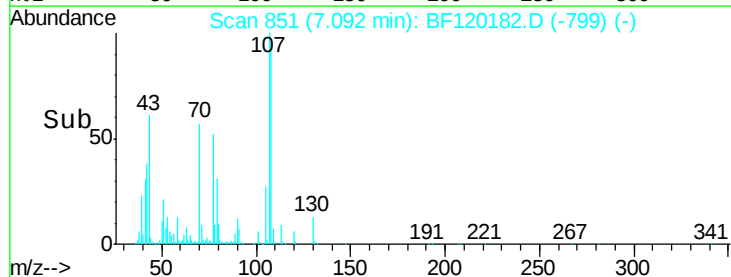
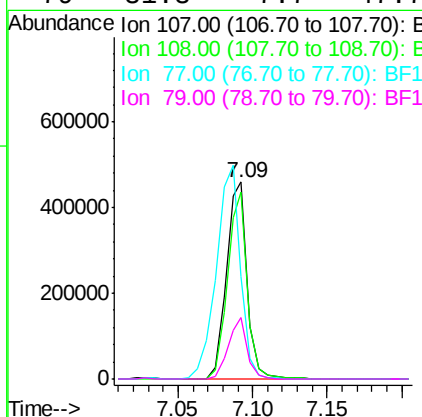
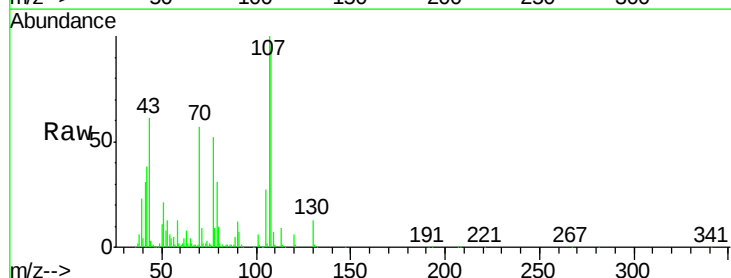
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

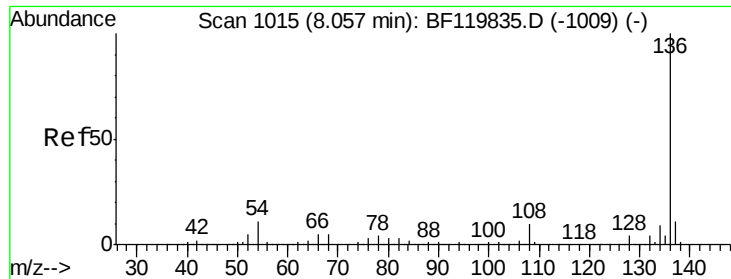
Tot Ion:	70	Resp:	290243
Ion	Ratio	Lower	Upper
70	100		
42	66.3	54.5	81.7
101	10.0	7.6	11.4
130	22.5	17.6	26.4



#20
3+4-Methylphenols
Concen: 43.132 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Tgt Ion:	107	Resp:	449828
Ion	Ratio	Lower	Upper
107	100		
108	95.1	67.9	107.9
77	52.0	52.9	92.9#
79	31.3	7.7	47.7

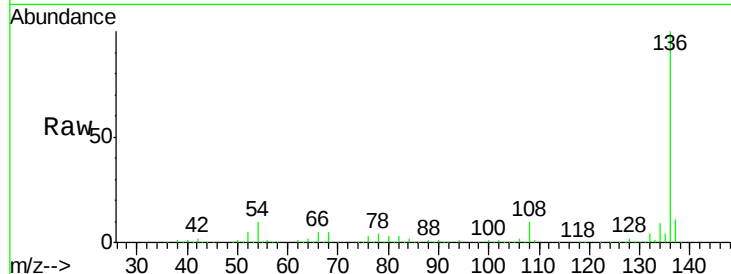




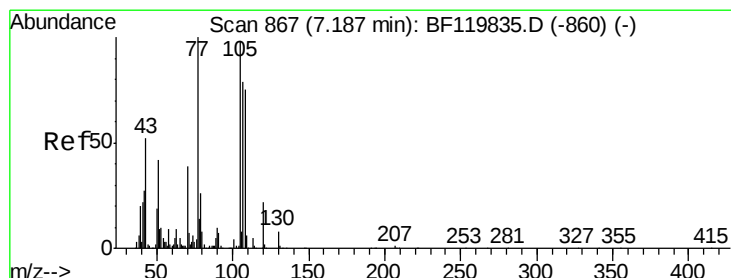
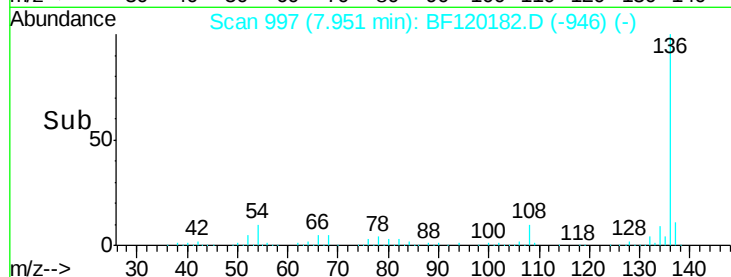
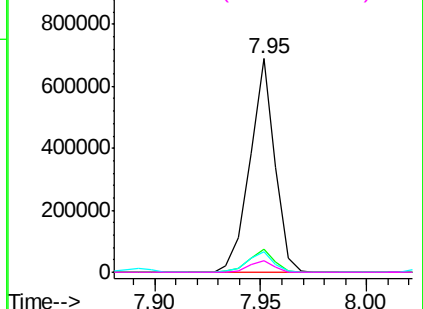
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	561731
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	9.8	9.1 13.7
68	5.4	4.6 6.8

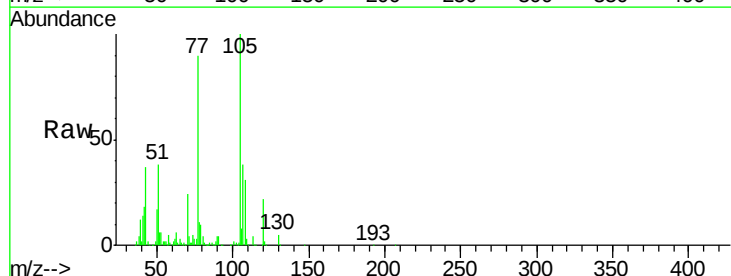


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

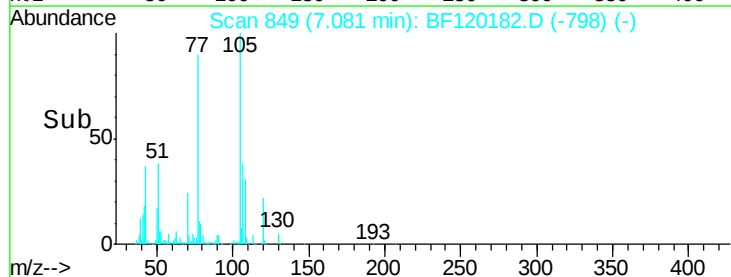
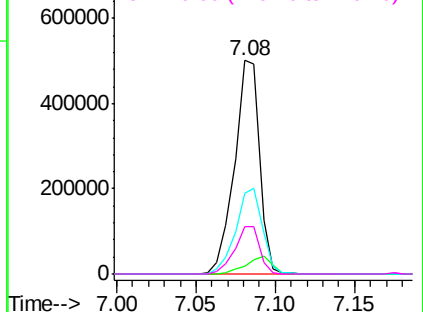


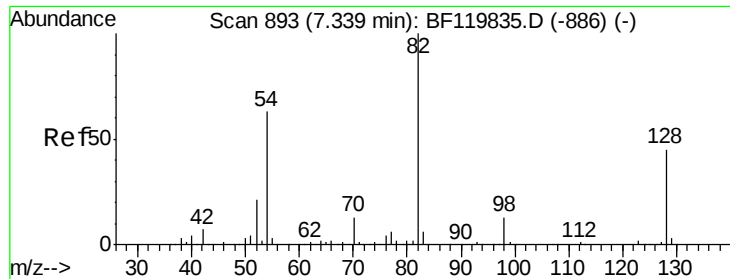
#22
Acetophenone
Concen: 41.725 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Tgt Ion:105	Resp:	548853
Ion Ratio	Lower	Upper
105	100	
71	3.8	5.7 8.5#
51	37.5	26.2 39.4
120	22.0	18.3 27.5



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

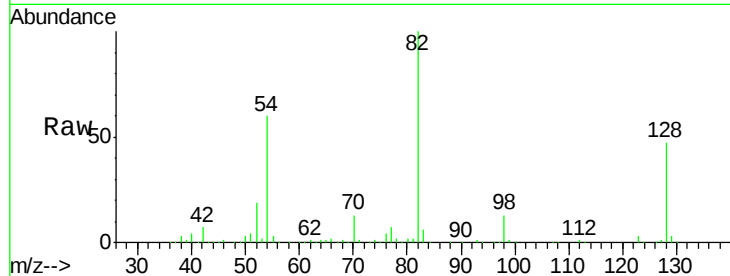




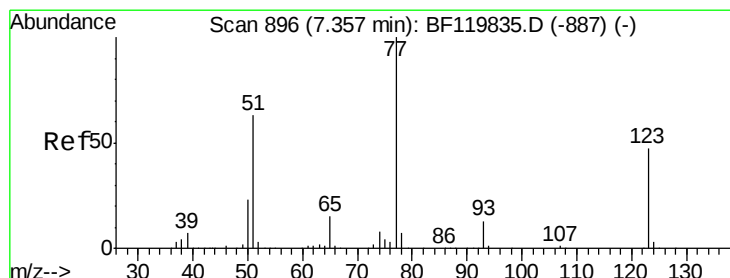
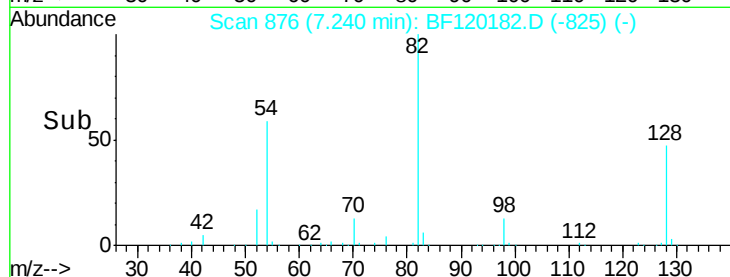
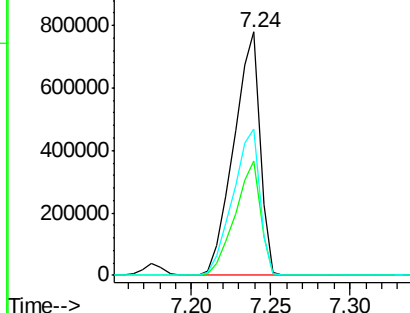
#23
Nitrobenzene-d5
Concen: 81.921 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 889512
Ion Ratio Lower Upper
82 100
128 46.8 36.3 54.5
54 60.2 50.6 75.8

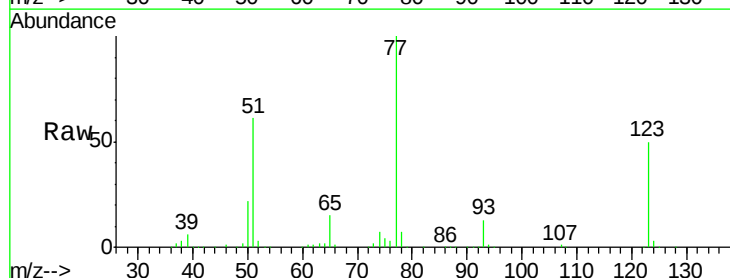


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

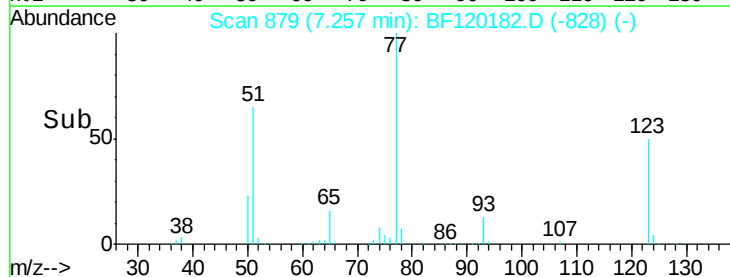
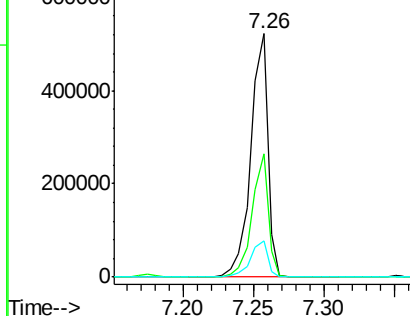


#24
Nitrobenzene
Concen: 40.928 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Tgt Ion: 77 Resp: 447051
Ion Ratio Lower Upper
77 100
123 50.5 38.0 57.0
65 14.8 12.6 18.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

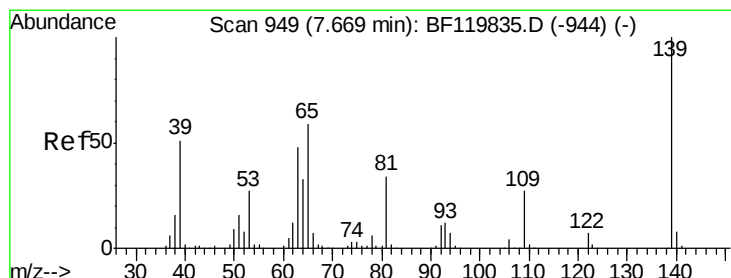
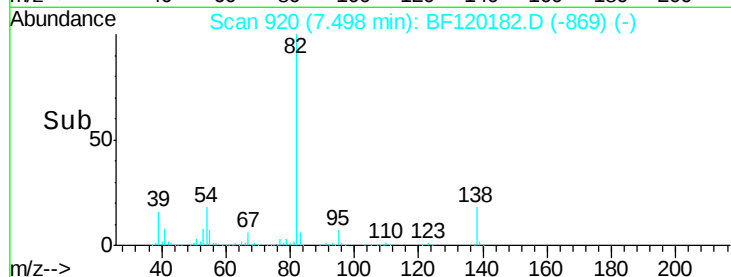
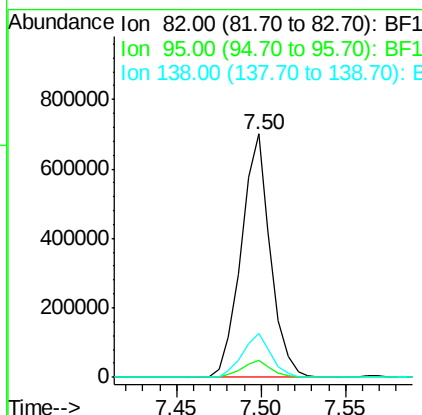
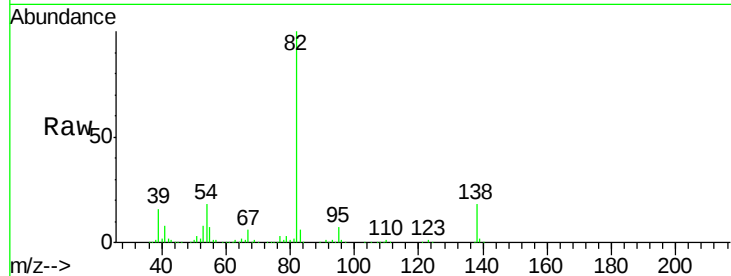




#25
Isophorone
Concen: 40.172 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

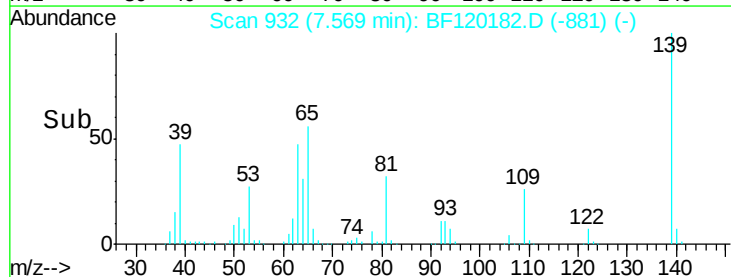
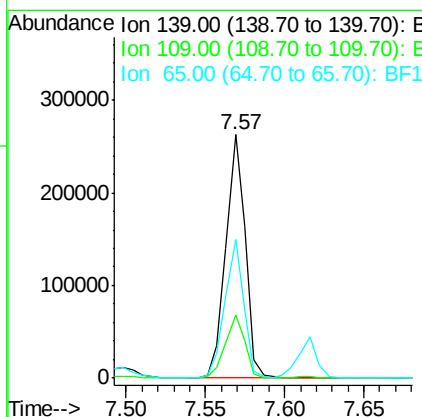
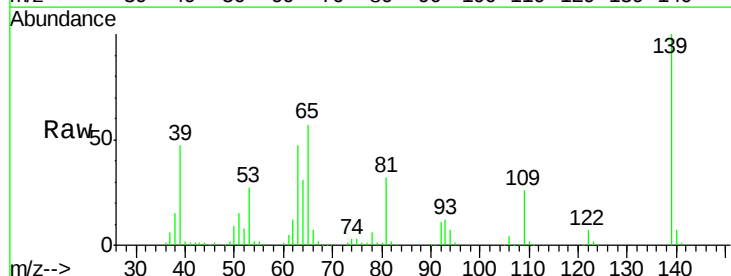
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

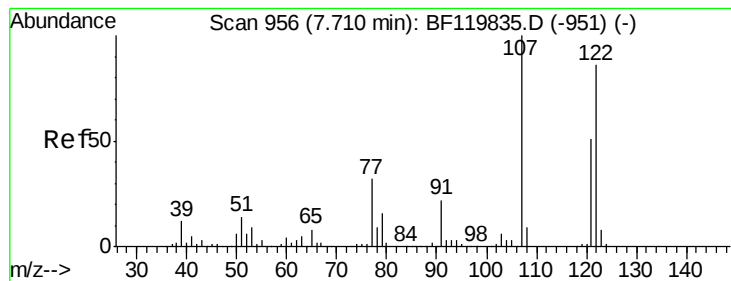
Tot Ion: 82 Resp: 840843
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 18.1 14.6 21.8



#26
2-Nitrophenol
Concen: 40.953 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Tgt Ion: 139 Resp: 223485
Ion Ratio Lower Upper
139 100
109 26.1 22.1 33.1
65 56.8 49.2 73.8





#27

2,4-Dimethylphenol

Concen: 40.516 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

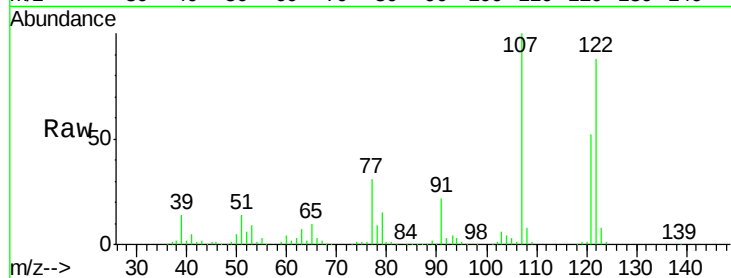
Tot Ion:122 Resp: 333459

Ion Ratio Lower Upper

122 100

107 113.4 89.0 133.6

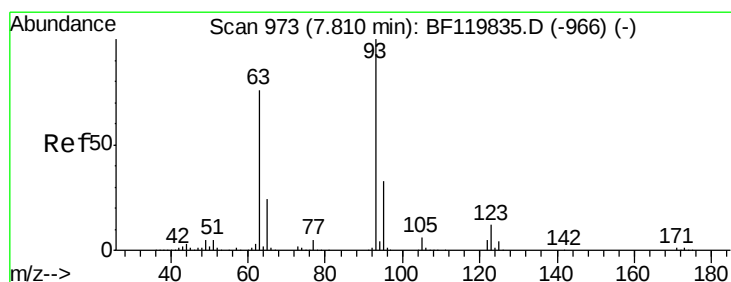
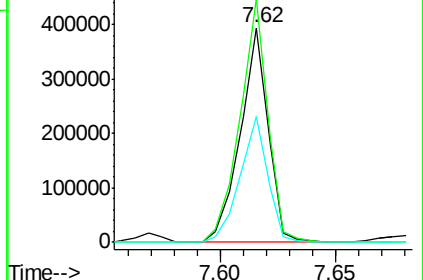
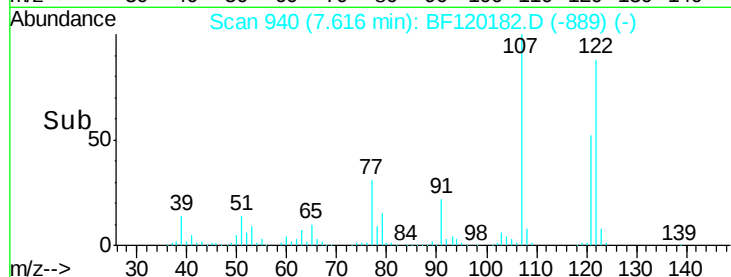
121 58.5 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.666 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

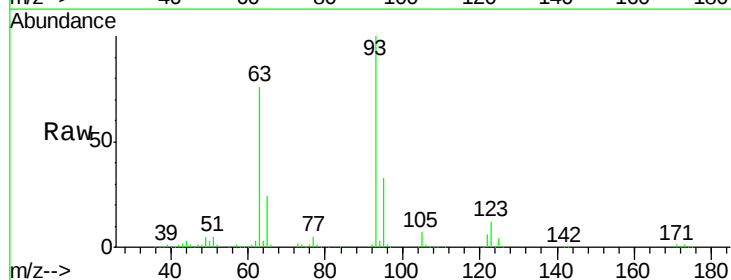
Tgt Ion: 93 Resp: 500872

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

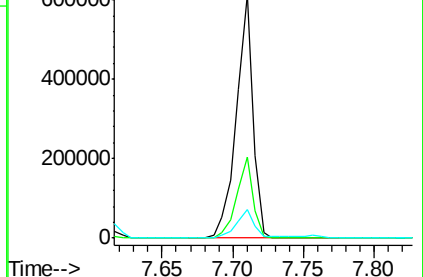
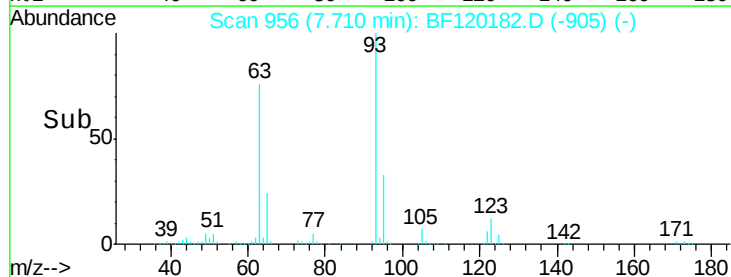
123 11.7 9.7 14.5

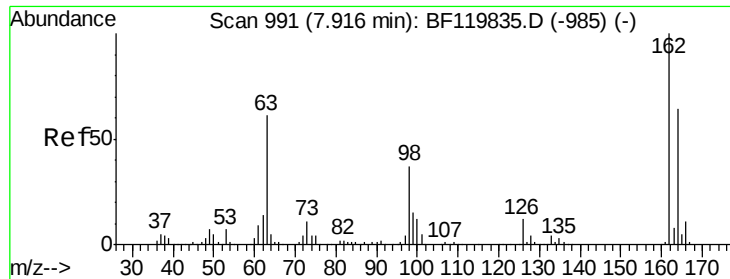


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

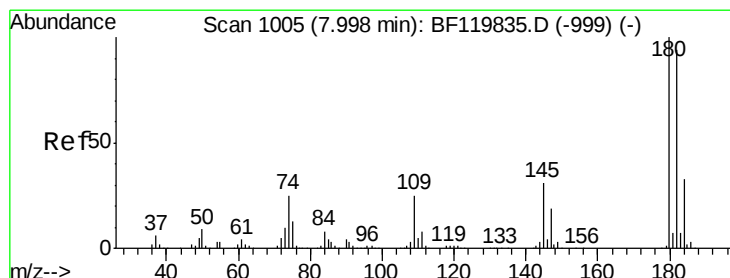
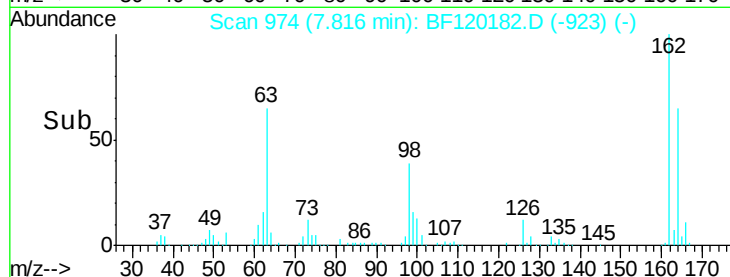
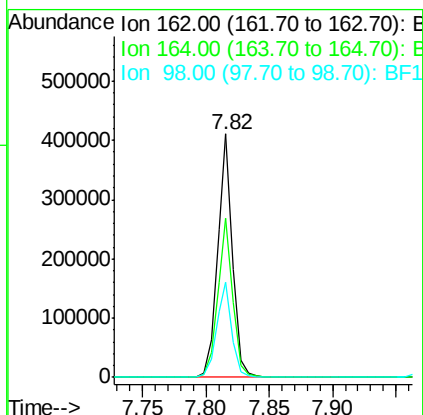
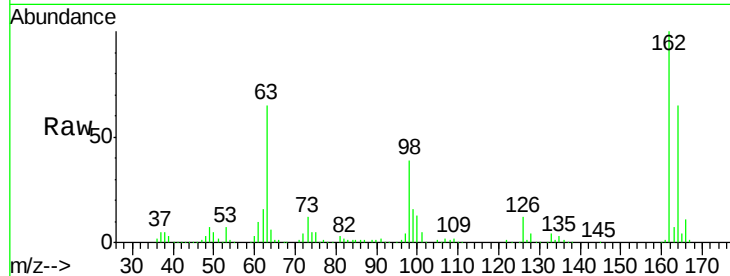




#29
 2,4-Dichlorophenol
 Concen: 40.164 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

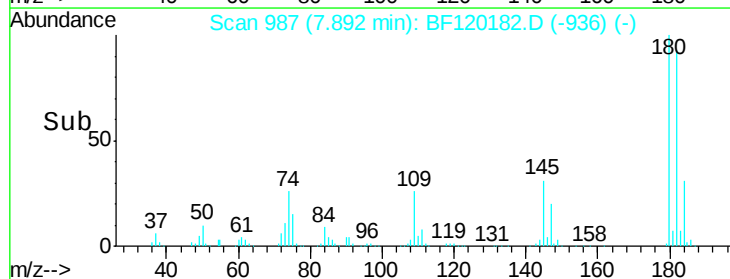
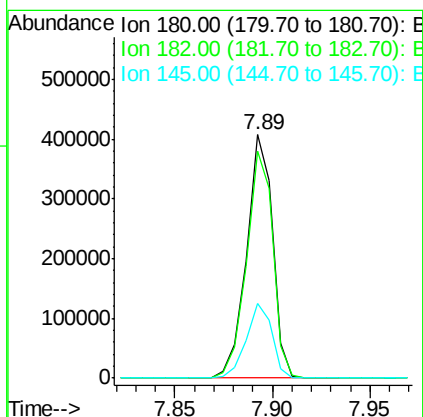
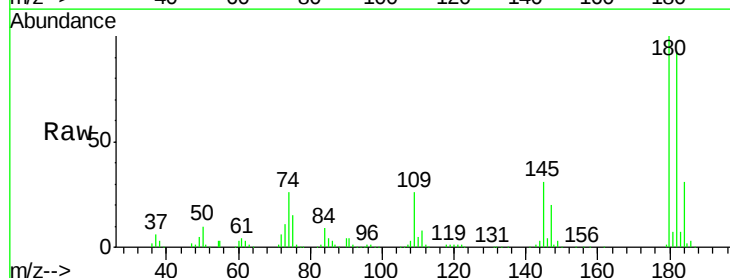
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

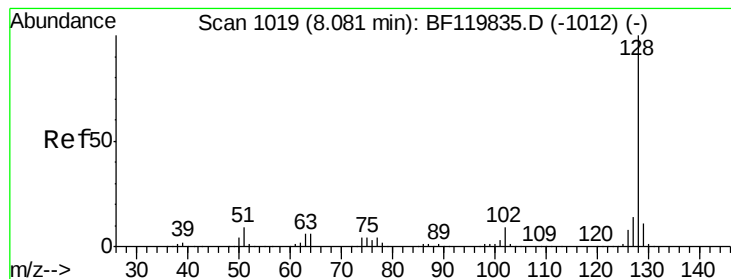
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.7	84.7
98	39.2	20.7	60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 39.329 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	74.7	112.1
145	30.9	24.5	36.7





#31

Naphthalene

Concen: 40.615 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

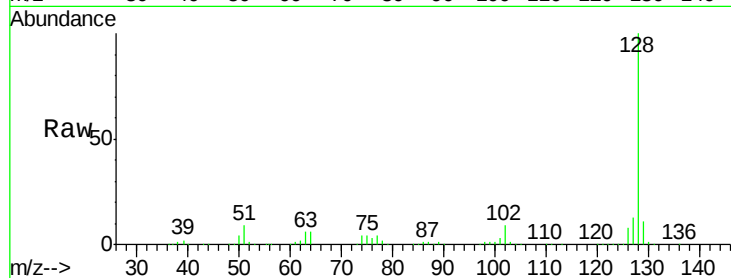
Tot Ion:128 Resp: 1200346

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

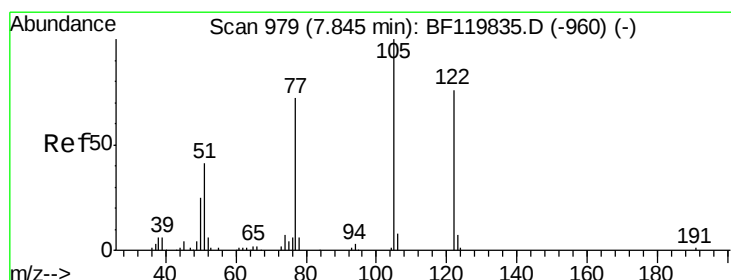
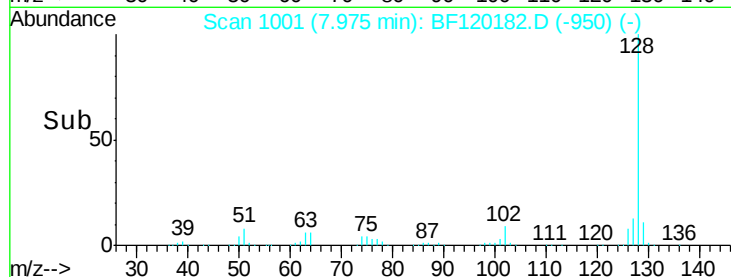
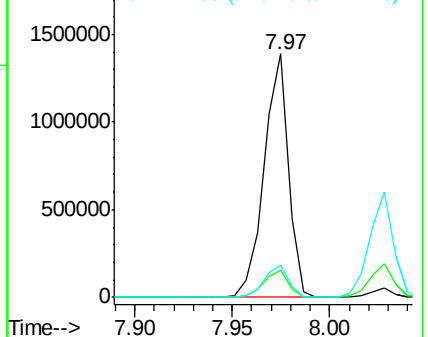
127 13.5 11.3 16.9



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: 36.232 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

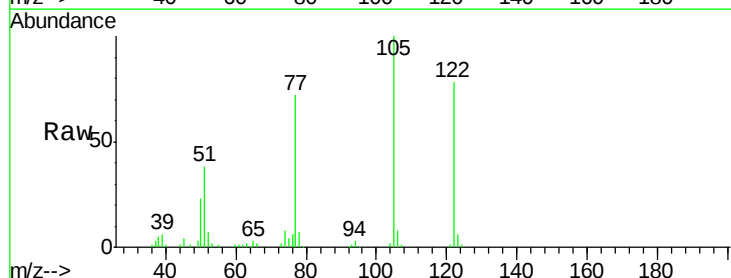
Tgt Ion:122 Resp: 261894

Ion Ratio Lower Upper

122 100

105 127.8 104.9 144.9

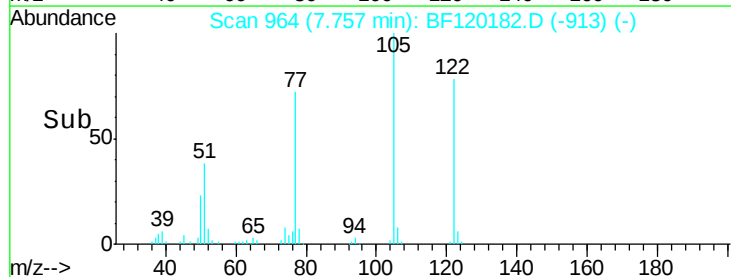
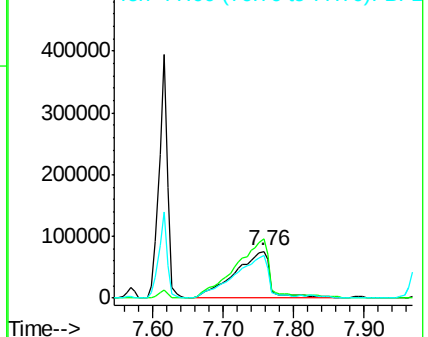
77 91.6 74.4 114.4



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

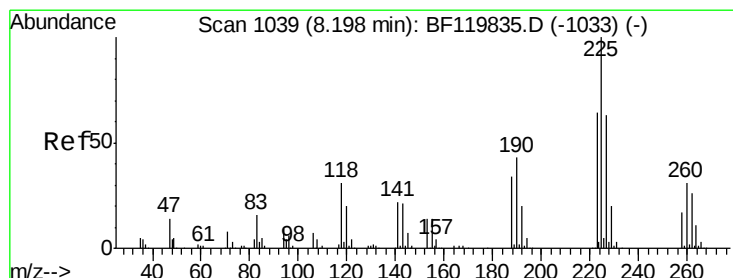
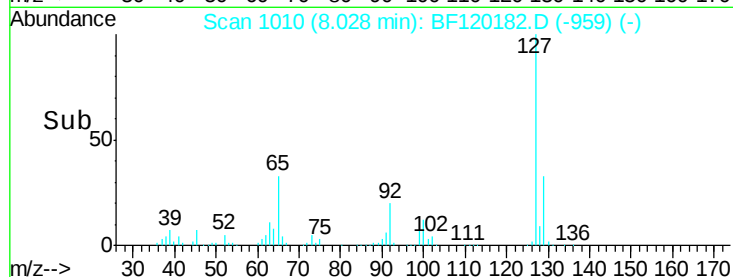
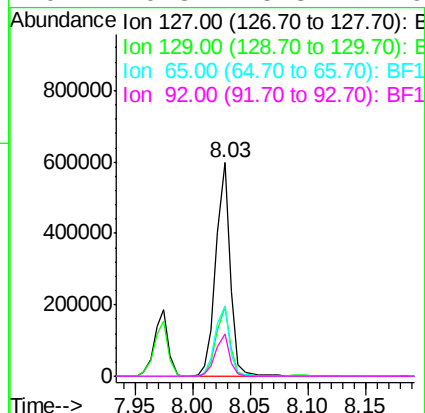
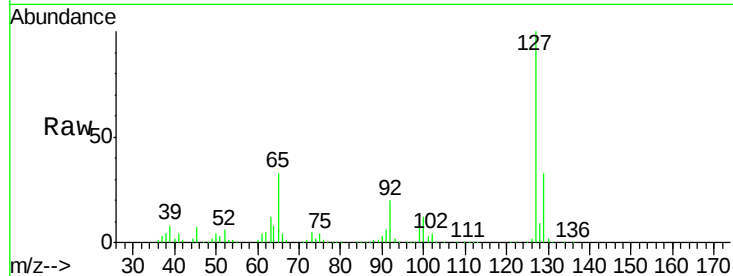




#33
4-Chloroaniline
Concen: 40.205 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

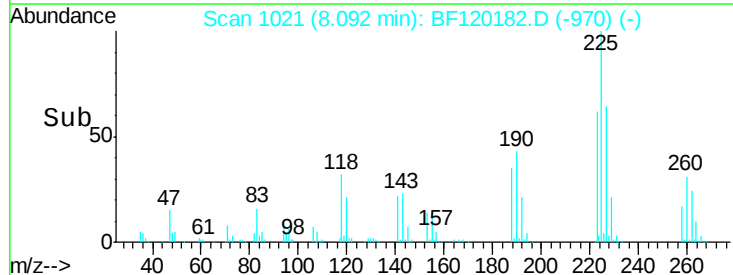
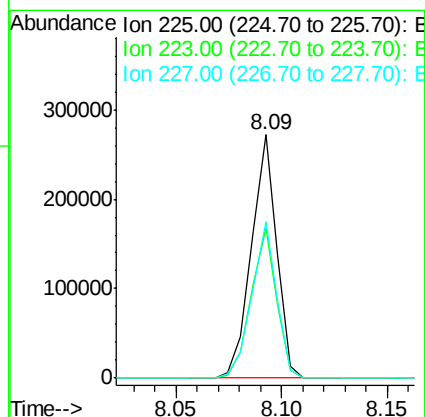
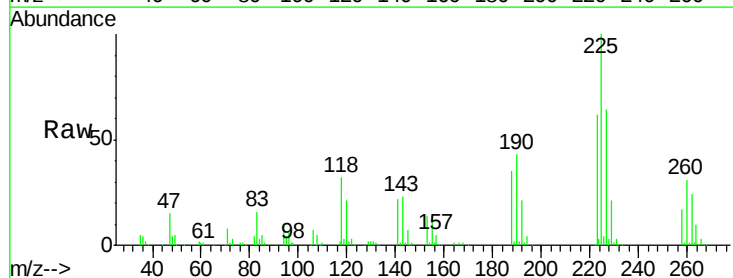
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	517284
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	33.2	27.4	41.0
92	19.8	15.3	22.9



#34
Hexachlorobutadiene
Concen: 39.567 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Tgt Ion:	225	Resp:	226406
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.0	76.6
227	64.3	50.7	76.1

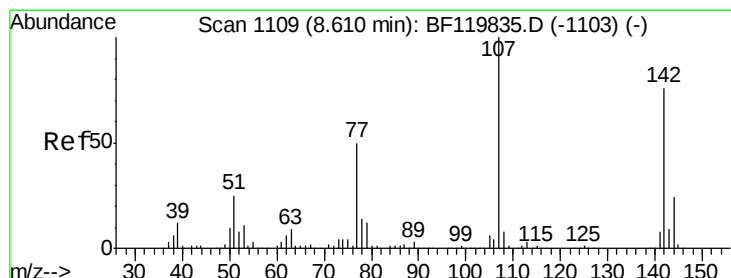
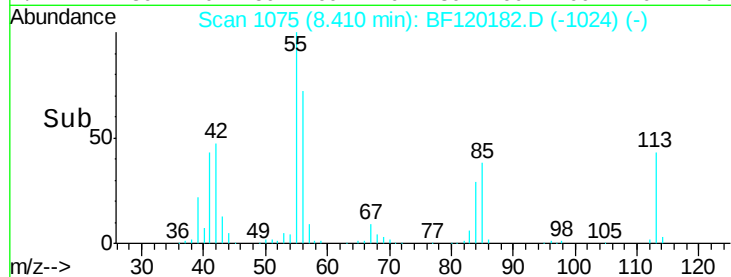
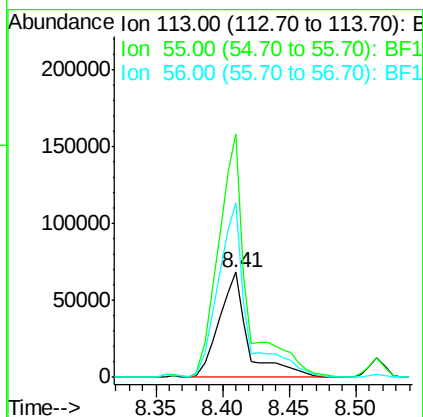
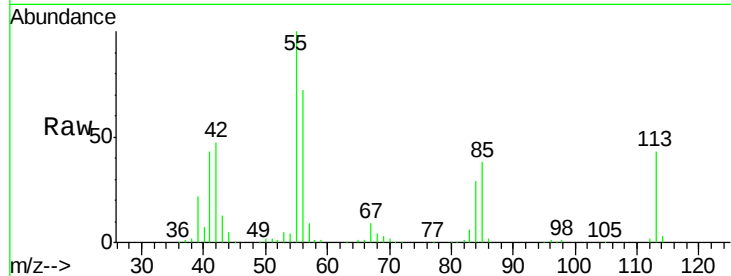




#35
Caprolactam
Concen: 40.453 ng
RT: 8.41 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

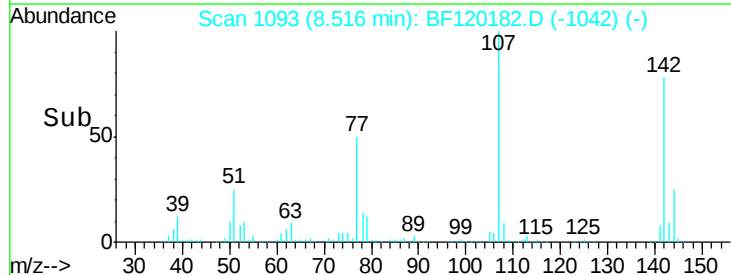
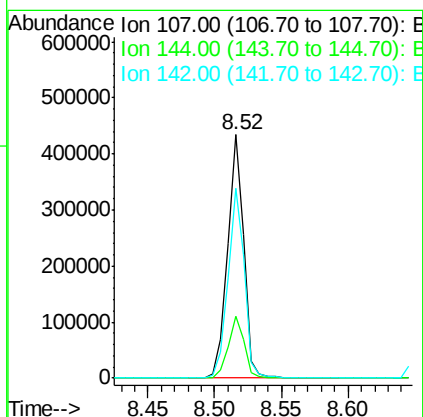
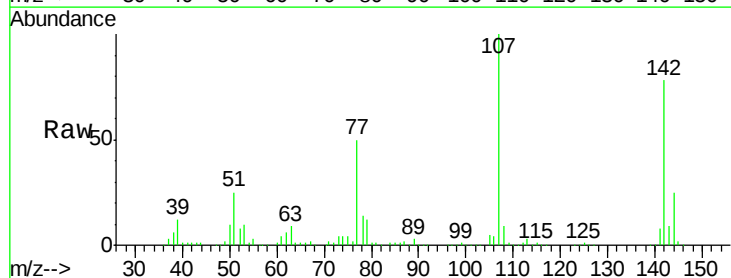
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

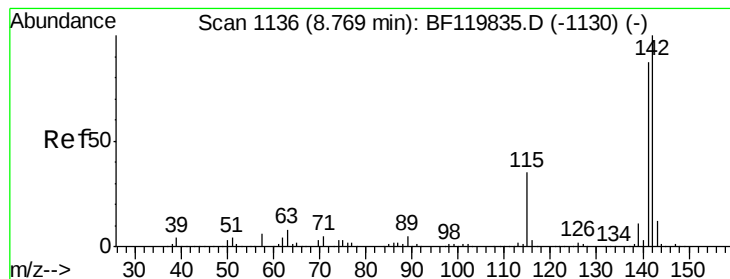
Tot Ion:113 Resp: 104393
Ion Ratio Lower Upper
113 100
55 231.3 218.4 258.4
56 165.6 148.9 188.9



#36
4-Chloro-3-methylphenol
Concen: 40.958 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Tgt Ion:107 Resp: 374092
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.6
142 77.9 64.4 96.6

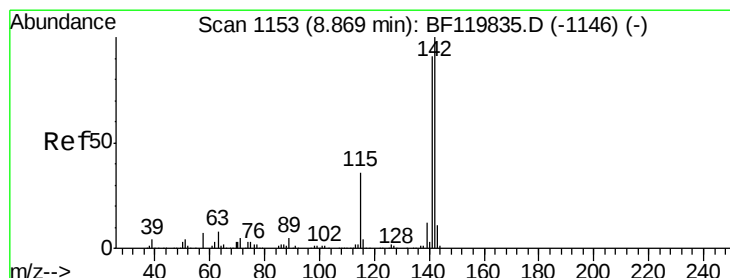
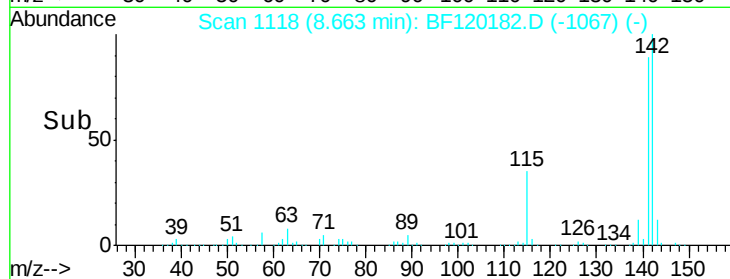
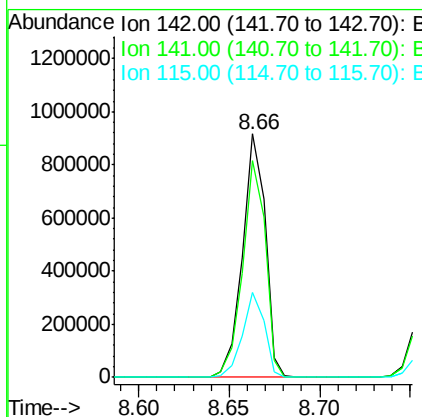
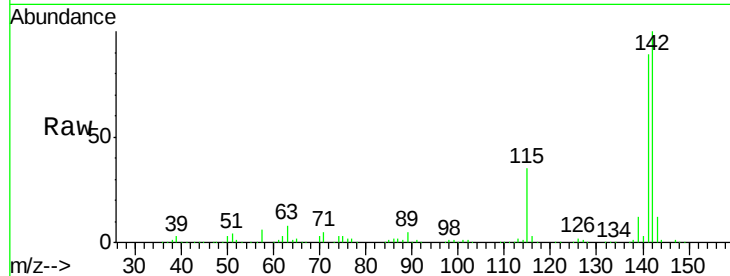




#37
 2-Methylnaphthalene
 Concen: 39.994 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

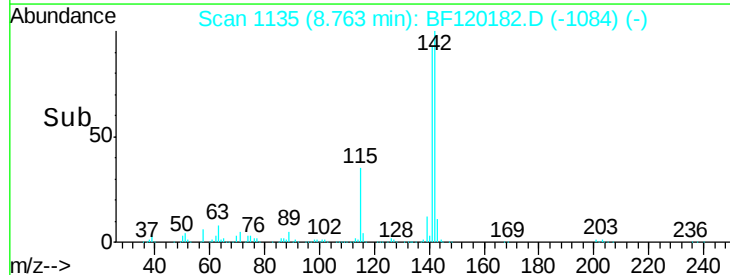
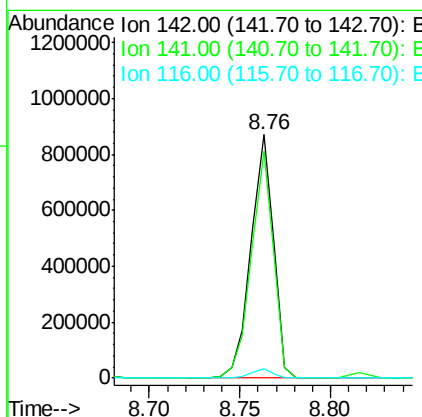
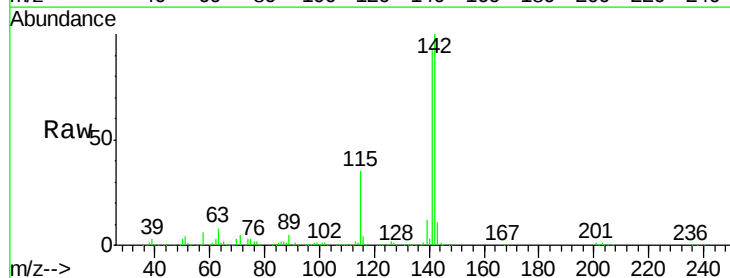
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

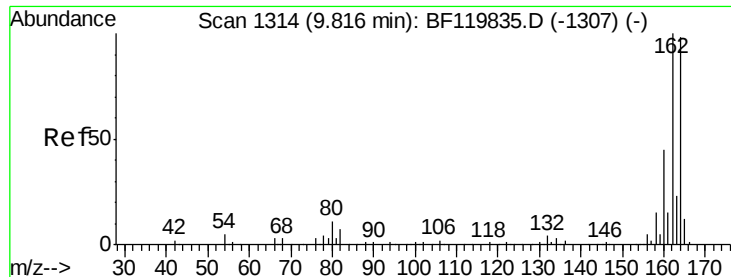
Tot Ion:	142	Resp:	801361
Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.7	107.5
115	35.0	27.9	41.9



#38
 1-Methylnaphthalene
 Concen: 39.844 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

Tgt Ion:	142	Resp:	752478
Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.7	110.5
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

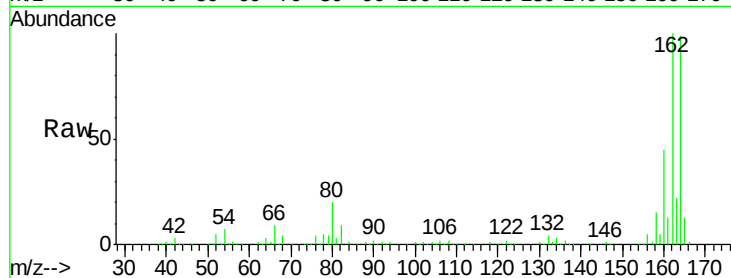
Tot Ion:164 Resp: 293290

Ion Ratio Lower Upper

164 100

162 101.0 80.6 121.0

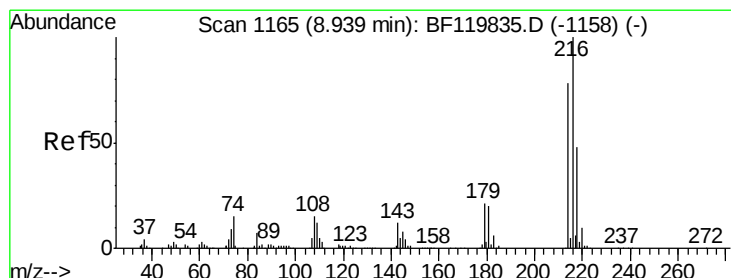
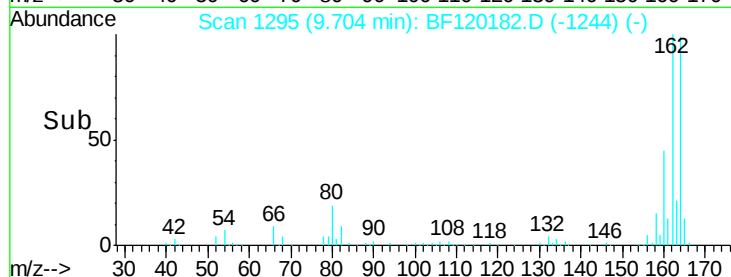
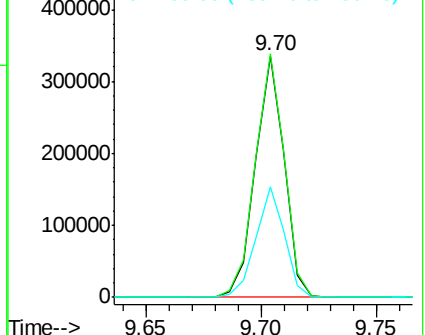
160 45.6 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.430 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Tgt Ion:216 Resp: 374514

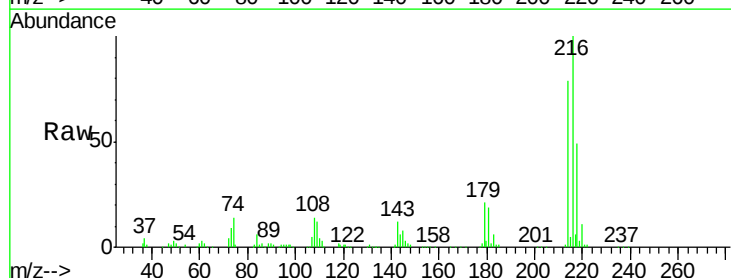
Ion Ratio Lower Upper

216 100

214 78.4 63.2 94.8

179 21.3 17.1 25.7

108 17.6 15.1 22.7

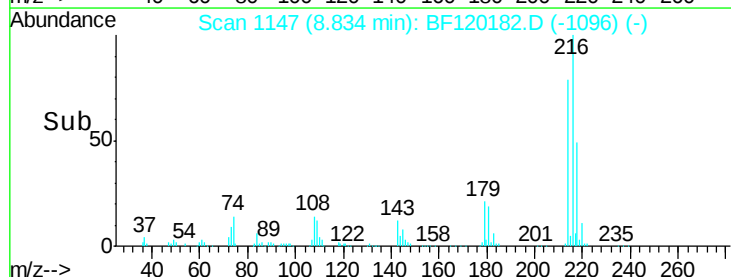
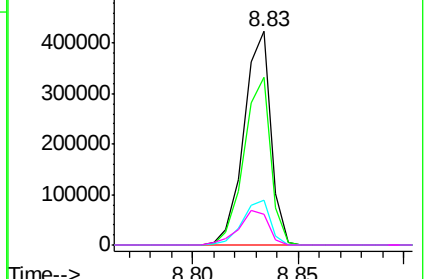


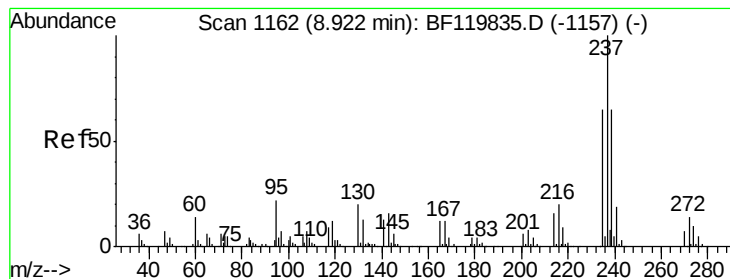
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 25.920 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

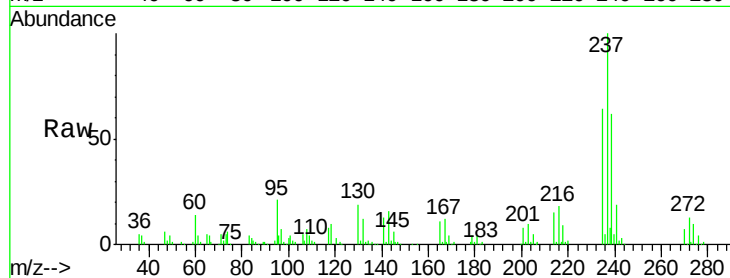
Tot Ion:237 Resp: 136536

Ion Ratio Lower Upper

237 100

235 63.7 43.2 83.2

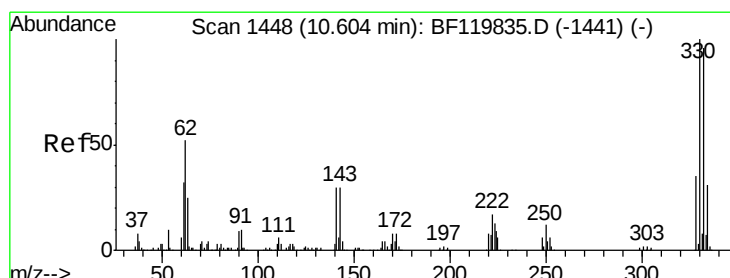
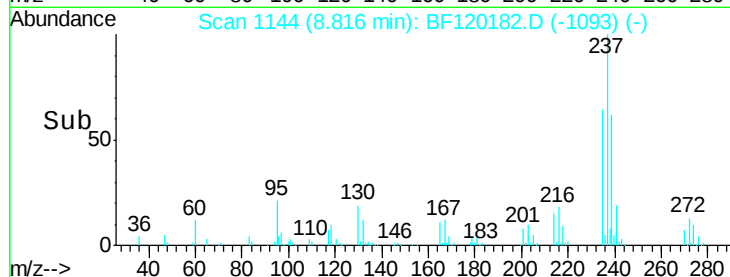
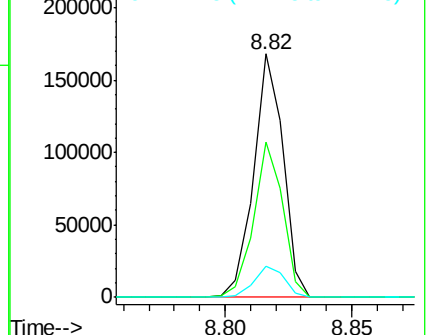
272 13.0 0.0 34.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 73.994 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

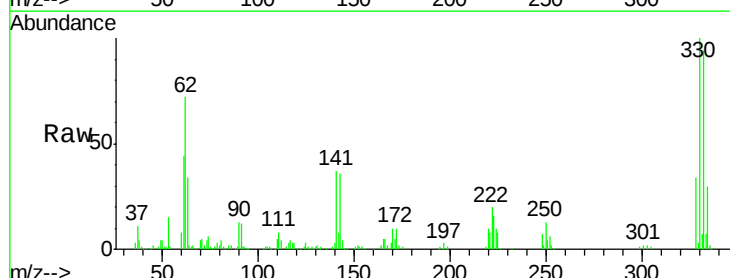
Tgt Ion:330 Resp: 265704

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

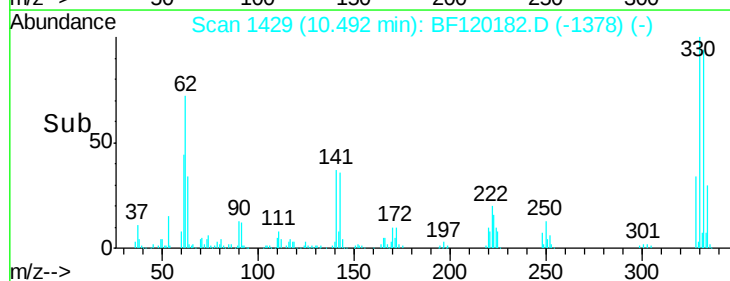
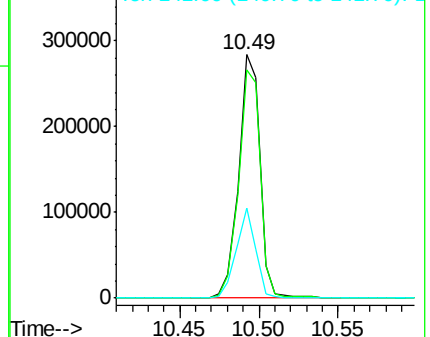
141 34.4 25.4 38.0

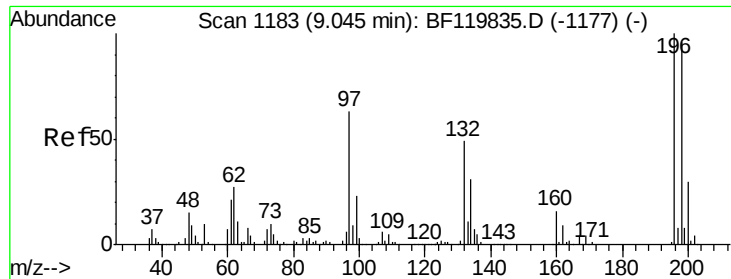


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

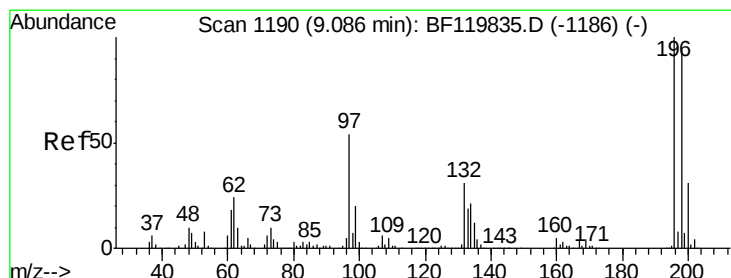
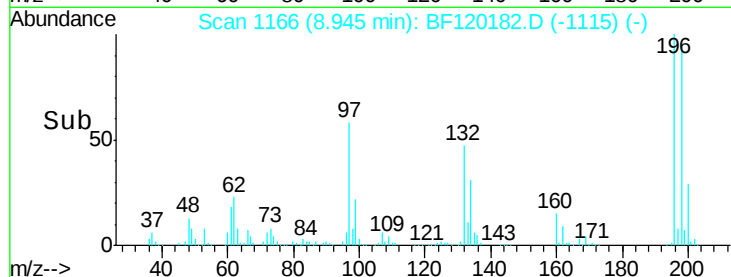
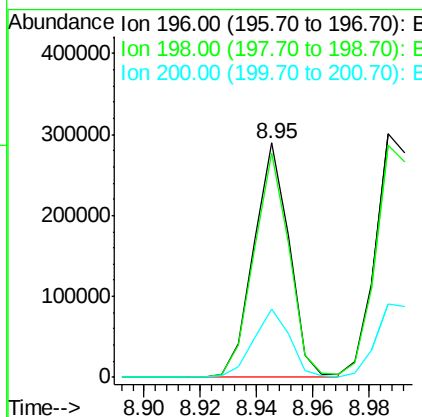
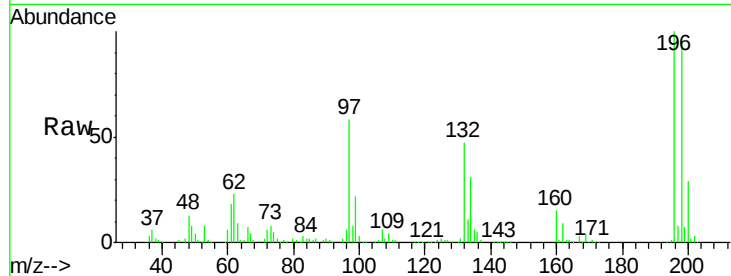




#43
 2,4,6-Trichlorophenol
 Concen: 39.610 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

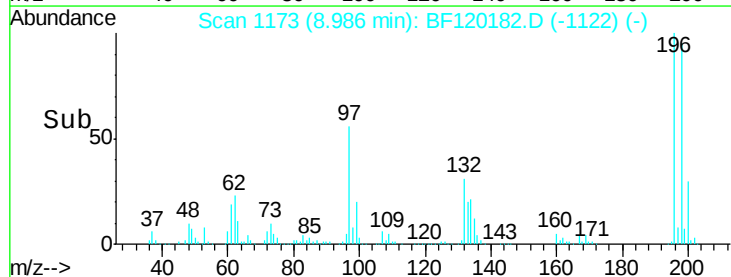
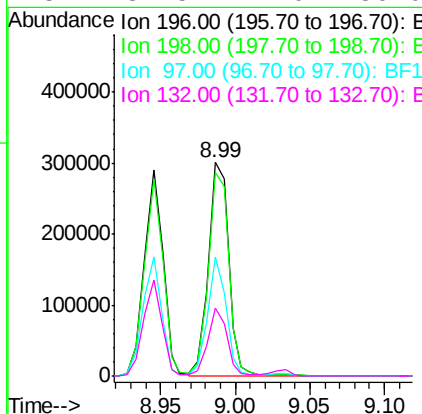
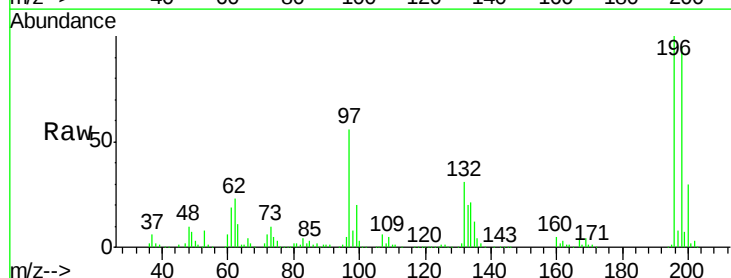
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

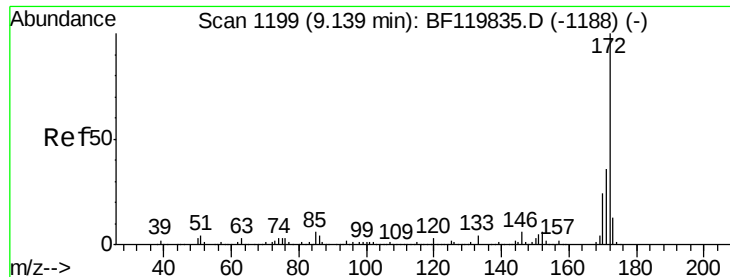
Tot Ion:196 Resp: 253374
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.6 115.0
 200 29.3 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 39.398 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

Tgt Ion:196 Resp: 283847
 Ion Ratio Lower Upper
 196 100
 198 95.3 73.8 110.8
 97 55.6 42.6 63.8
 132 31.5 24.0 36.0

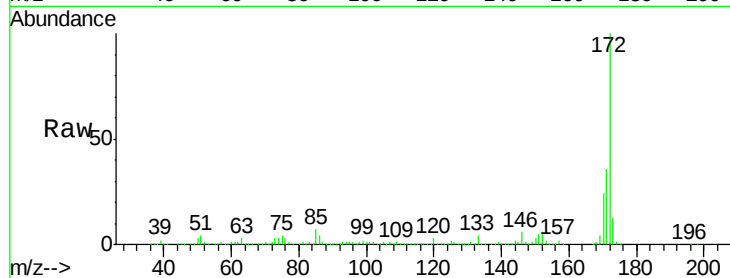




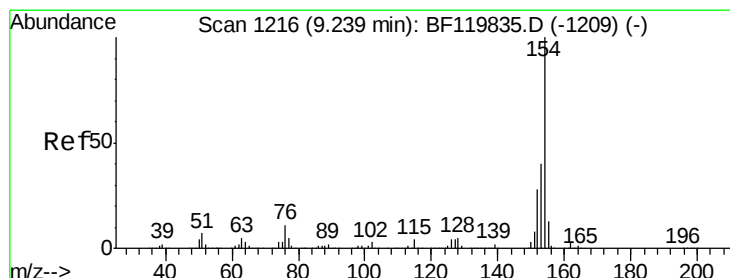
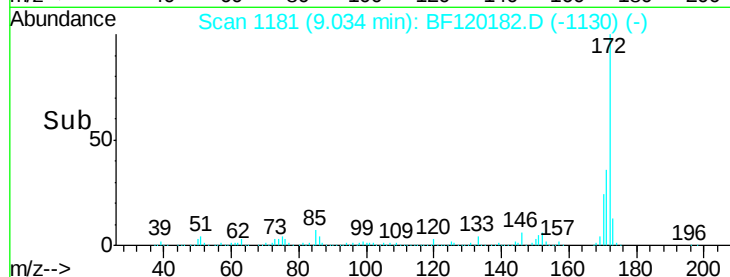
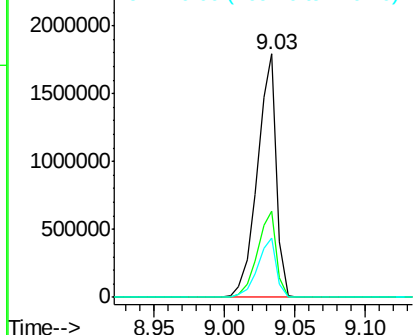
#45
2-Fluorobiphenyl
Concen: 82.265 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1699373
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 24.3 20.2 30.2

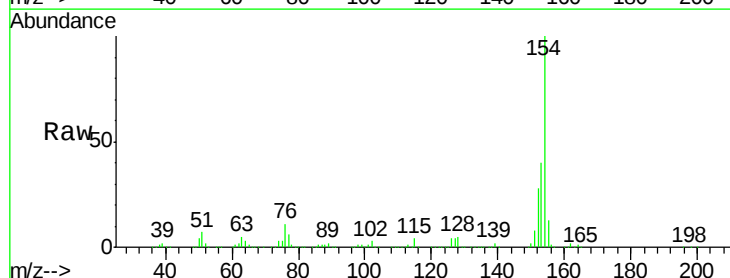


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

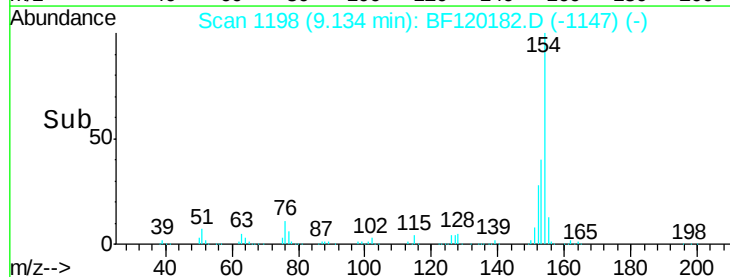
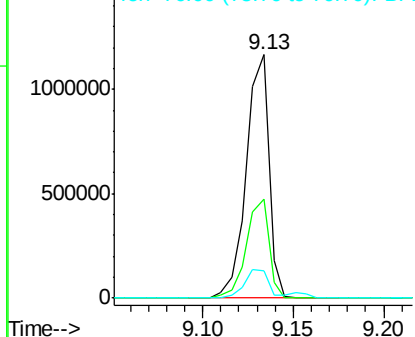


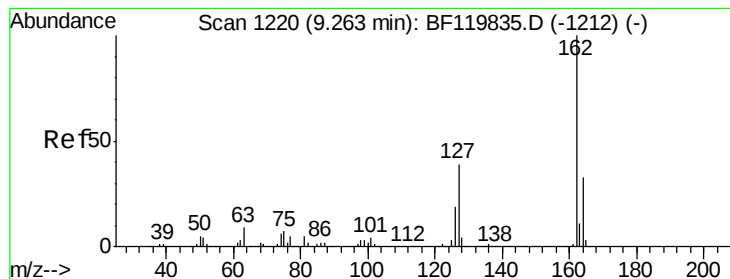
#46
1,1'-Biphenyl
Concen: 40.911 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Tgt Ion:154 Resp: 1012755
Ion Ratio Lower Upper
154 100
153 40.4 21.4 61.4
76 11.2 0.0 33.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.737 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

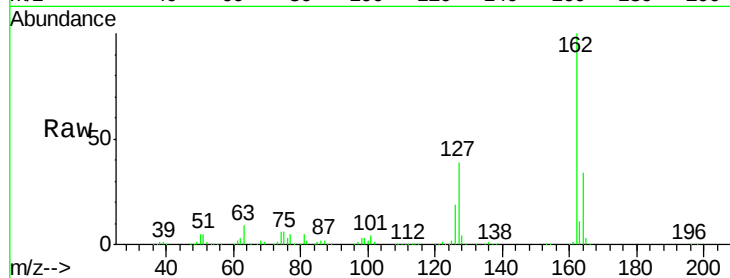
Tot Ion:162 Resp: 776855

Ion Ratio Lower Upper

162 100

127 38.7 33.7 50.5

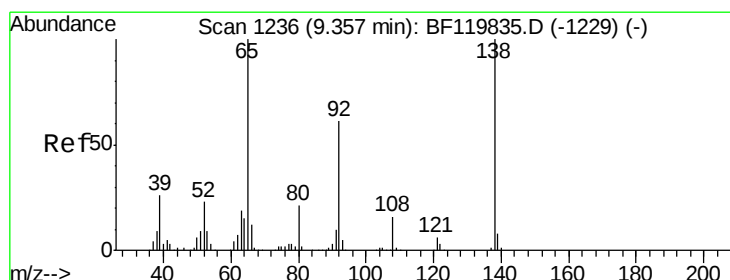
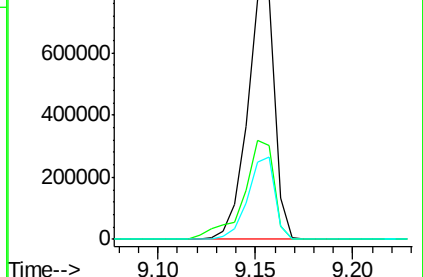
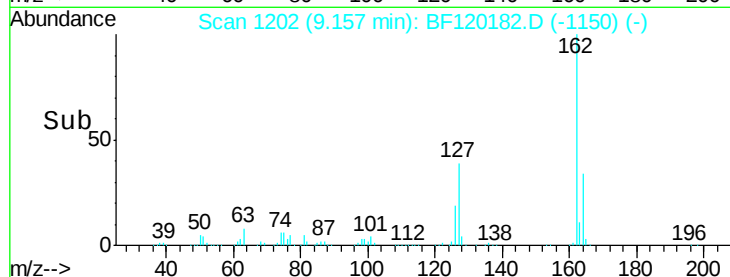
164 33.7 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.859 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

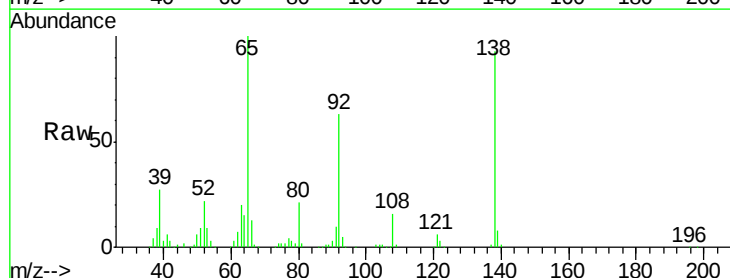
Tgt Ion: 65 Resp: 282369

Ion Ratio Lower Upper

65 100

92 62.7 50.0 75.0

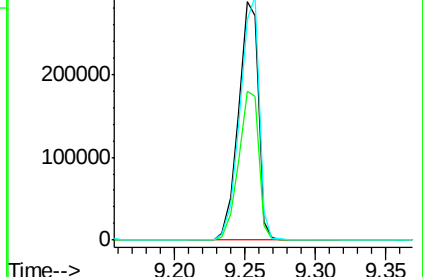
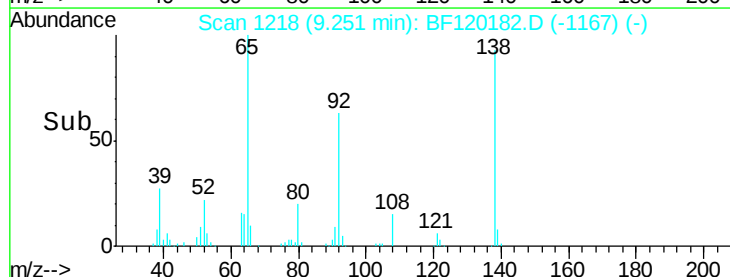
138 92.6 75.0 112.4

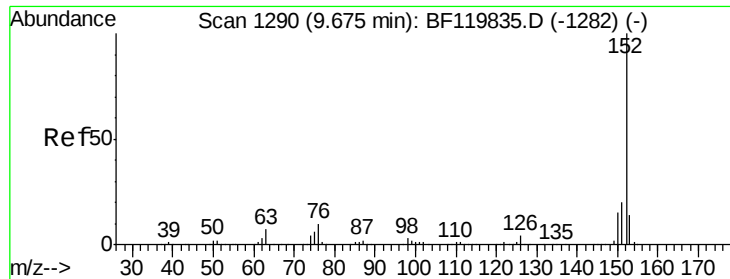


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.415 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

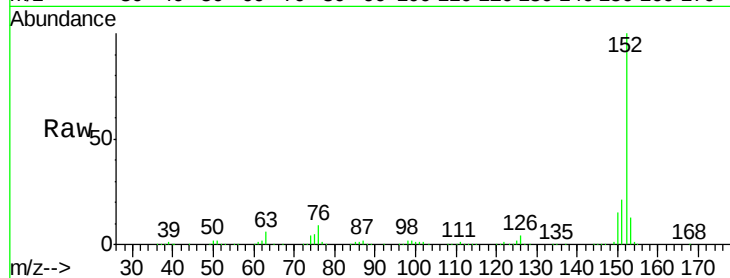
Tot Ion:152 Resp: 1201131

Ion Ratio Lower Upper

152 100

151 20.6 17.2 25.8

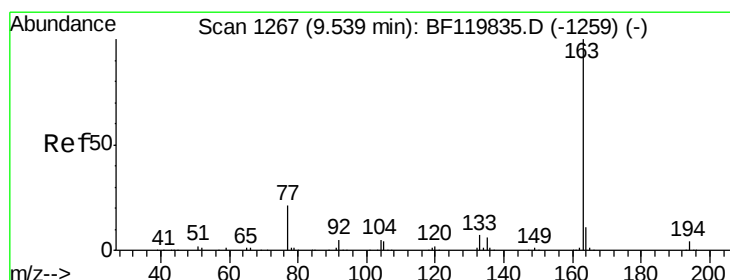
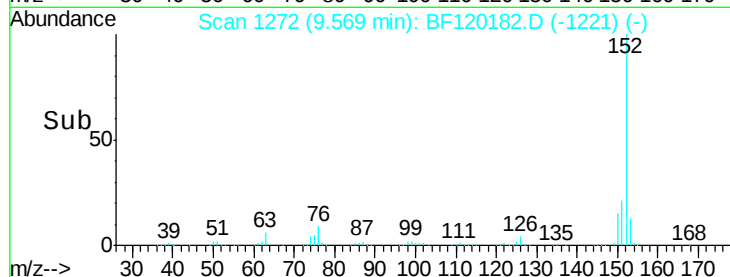
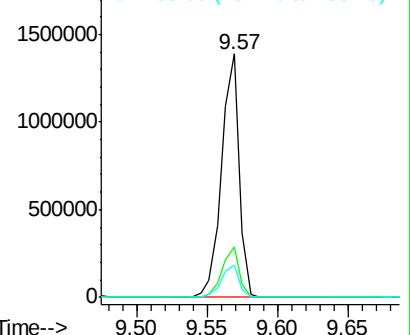
153 13.2 11.2 16.8



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: 40.344 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

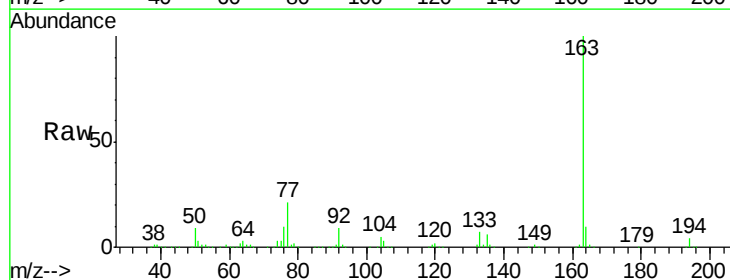
Tgt Ion:163 Resp: 915227

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

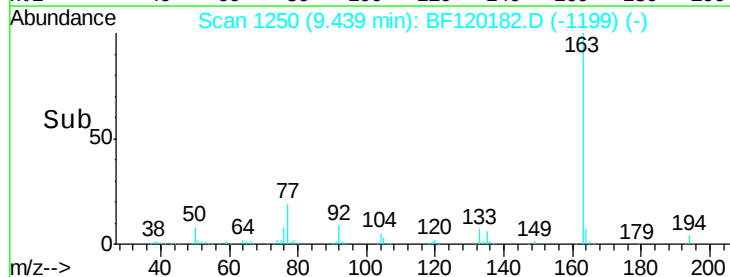
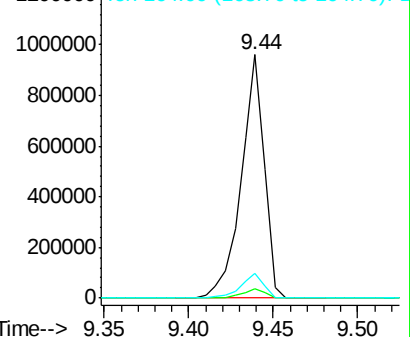
164 10.2 8.2 12.2

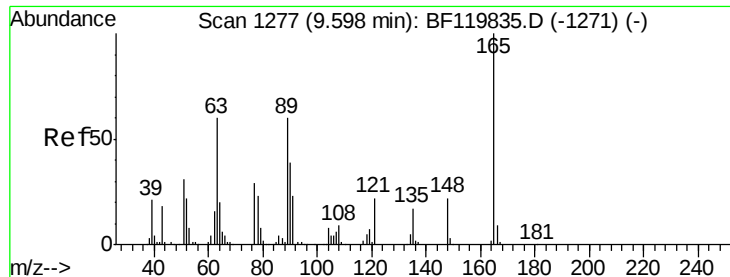


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

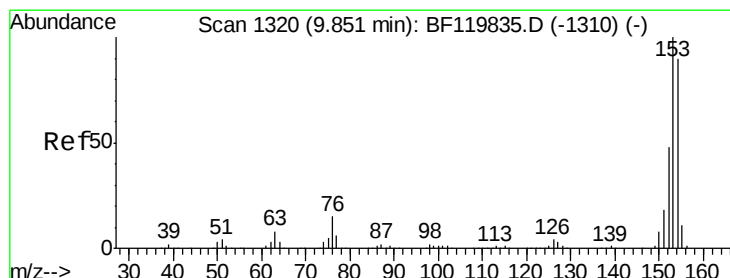
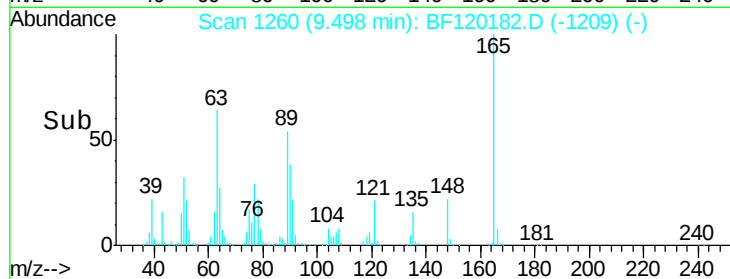
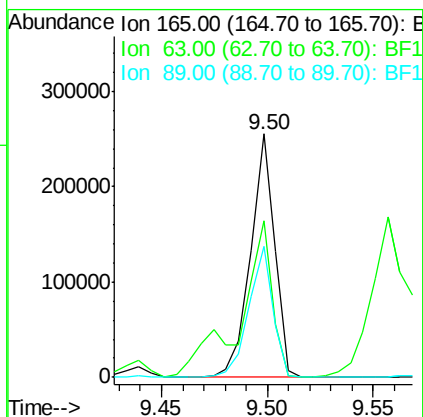
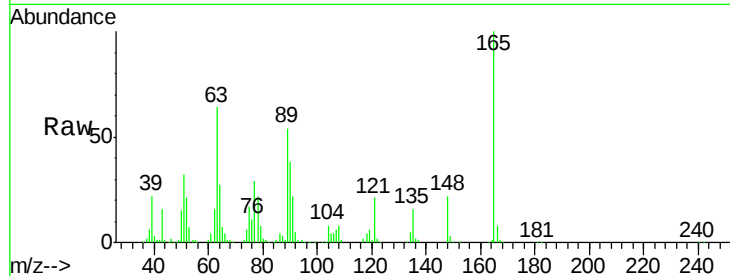




#51
 2,6-Dinitrotoluene
 Concen: 40.954 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

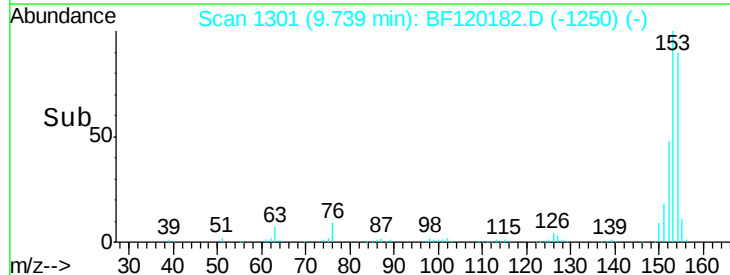
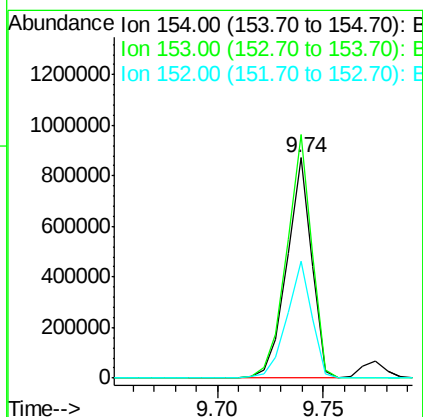
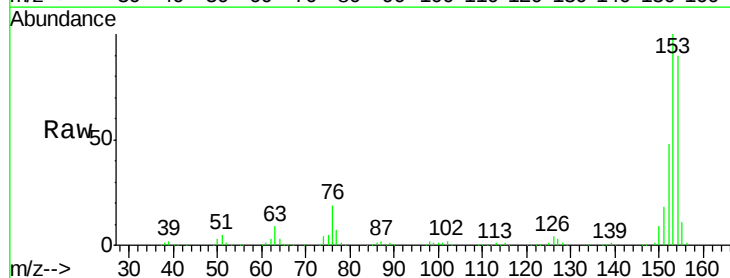
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

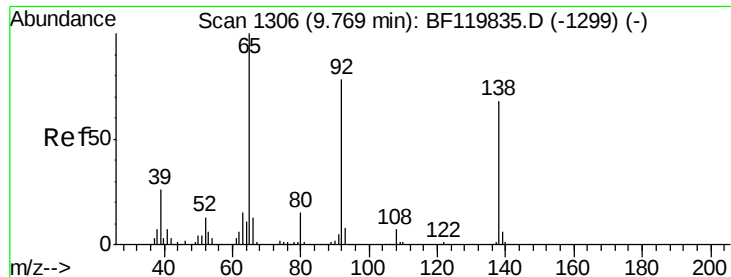
Tot Ion:165 Resp: 203449
 Ion Ratio Lower Upper
 165 100
 63 64.1 45.0 67.4
 89 53.7 41.5 62.3



#52
 Acenaphthene
 Concen: 37.106 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

Tgt Ion:154 Resp: 717873
 Ion Ratio Lower Upper
 154 100
 153 110.6 88.1 132.1
 152 53.0 43.0 64.4

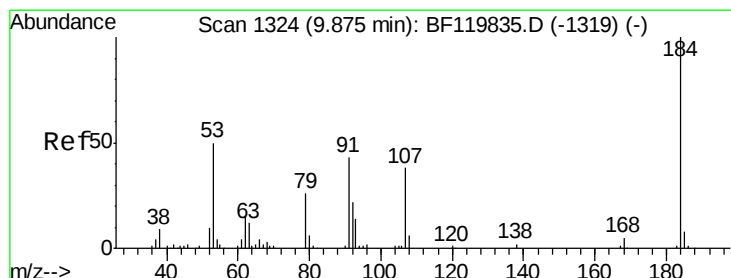
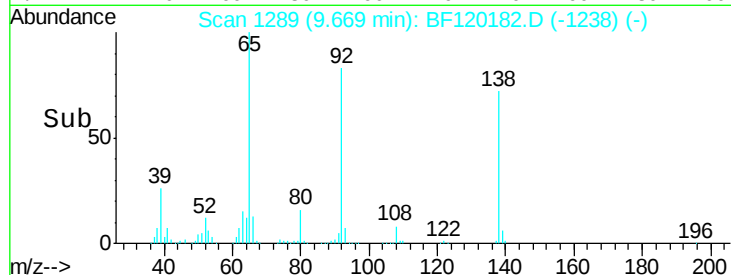
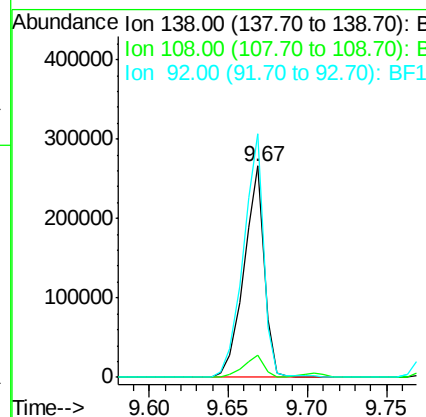
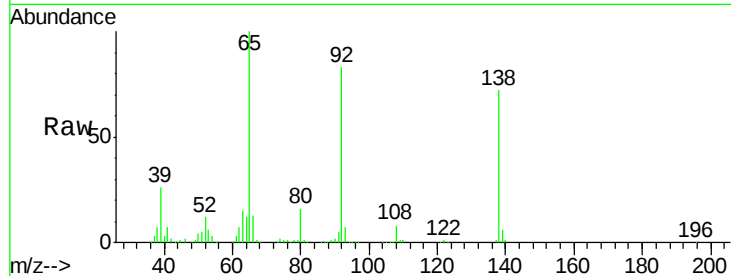




#53
 3-Nitroaniline
 Concen: 41.394 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

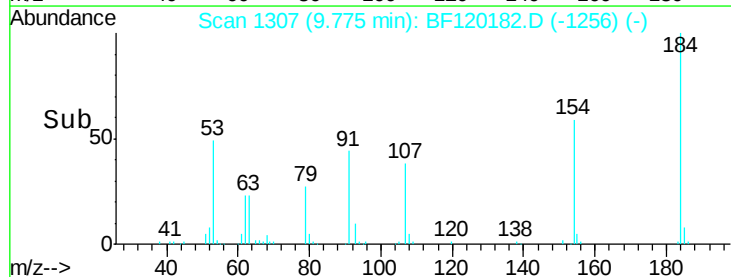
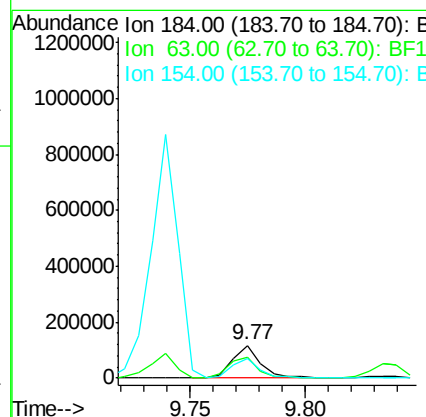
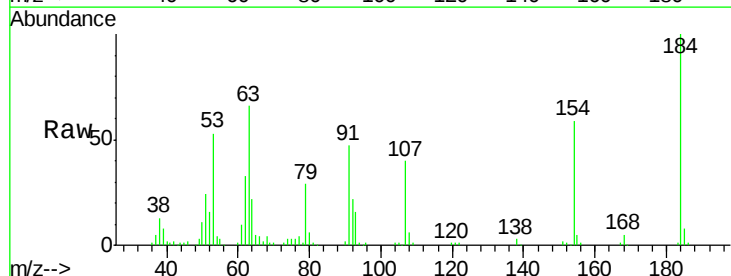
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

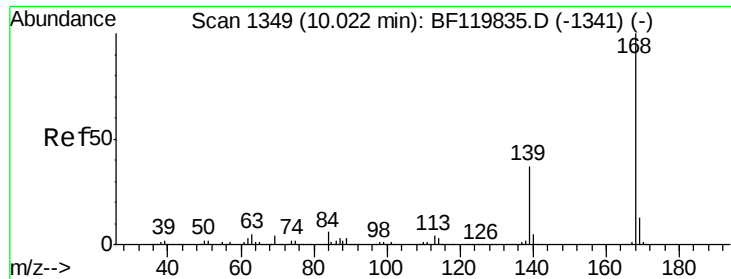
Tot Ion:138 Resp: 234855
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.6 13.0
 92 115.3 95.4 143.0



#54
 2,4-Dinitrophenol
 Concen: 33.534 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

Tgt Ion:184 Resp: 99737
 Ion Ratio Lower Upper
 184 100
 63 65.9 50.2 75.4
 154 59.3 44.5 66.7

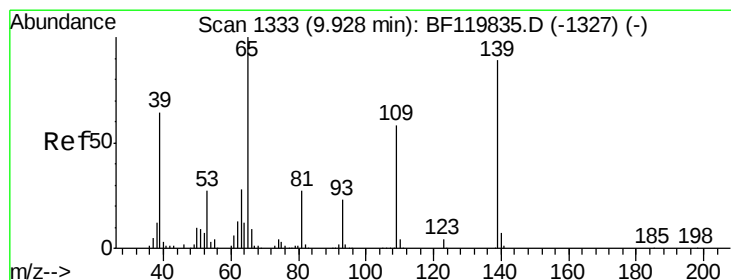
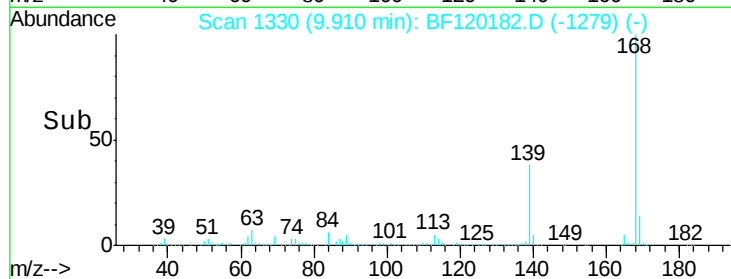
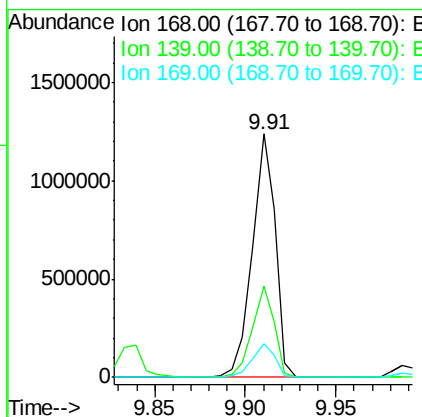
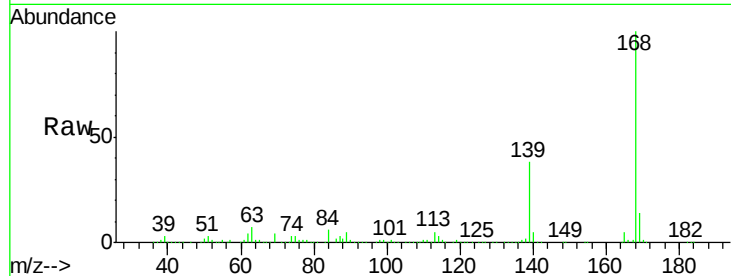




#55
Dibenzofuran
Concen: 40.912 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

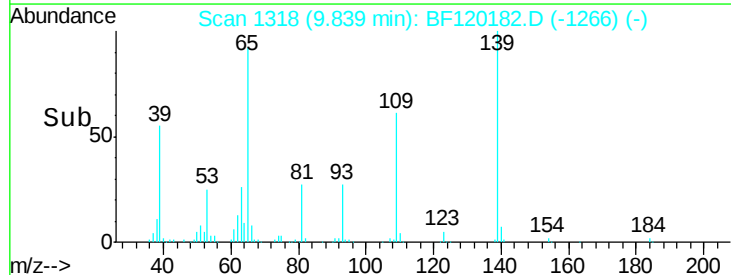
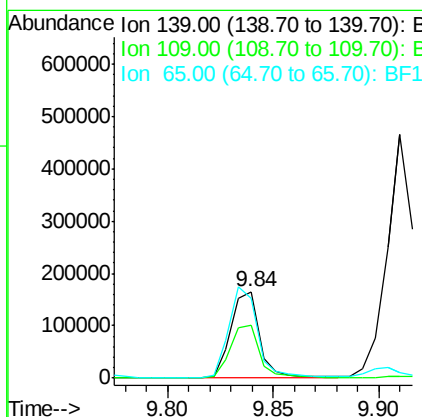
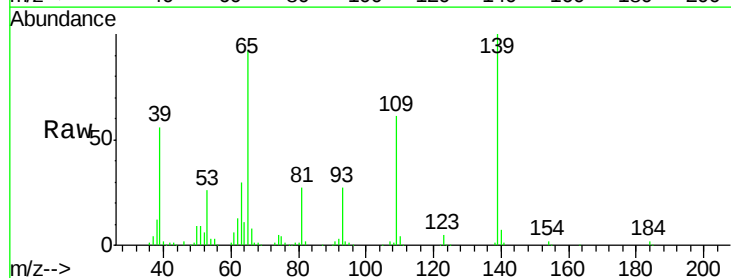
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1086135
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 37.140 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Tgt Ion:139 Resp: 156784
Ion Ratio Lower Upper
139 100
109 61.5 43.3 83.3
65 91.9 91.0 131.0

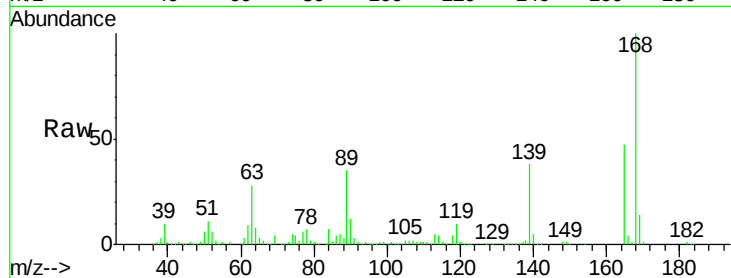




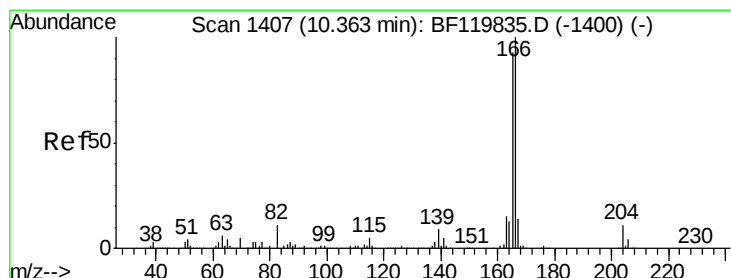
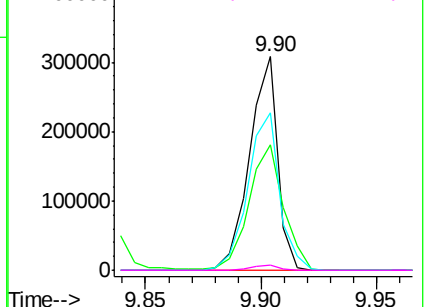
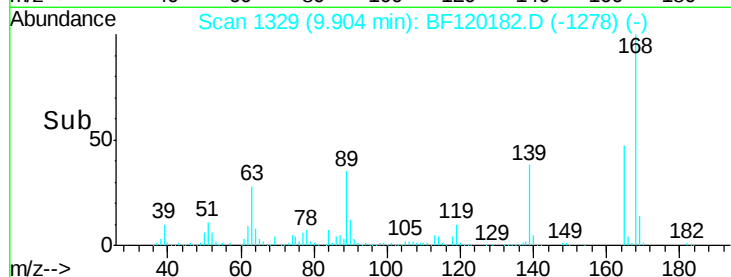
#57
2,4-Dinitrotoluene
Concen: 40.067 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165	Resp:	262243
Ion Ratio	Lower	Upper
165	100	
63	58.9	42.6 64.0
89	73.8	61.0 91.4
182	2.5	2.2 3.2

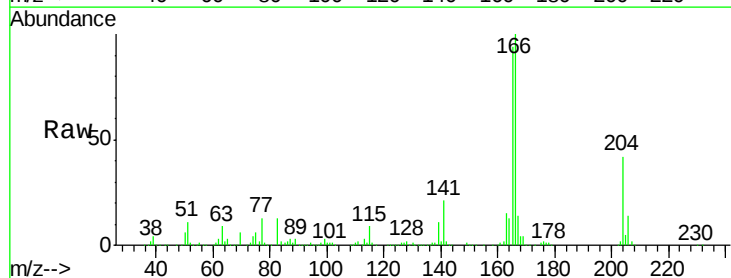


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

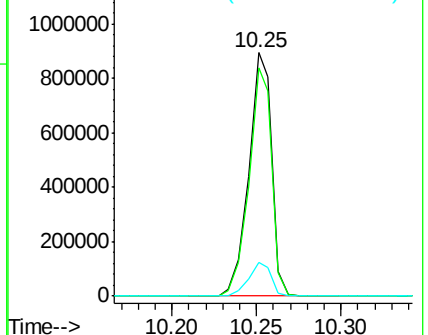
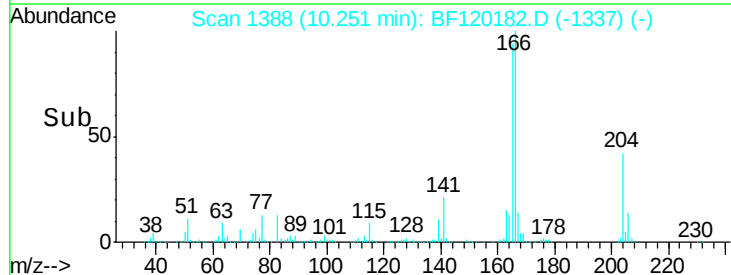


#58
Fluorene
Concen: 39.890 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Tgt Ion:166	Resp:	846926
Ion Ratio	Lower	Upper
166	100	
165	93.9	75.4 113.2
167	13.7	11.2 16.8



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

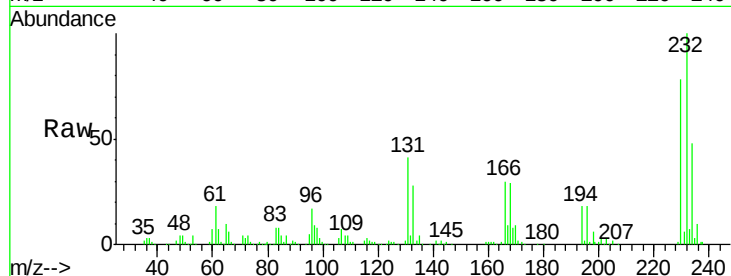




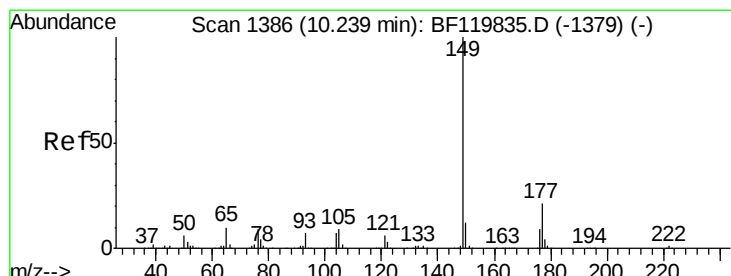
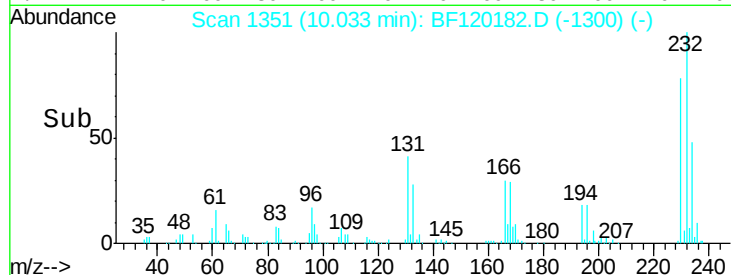
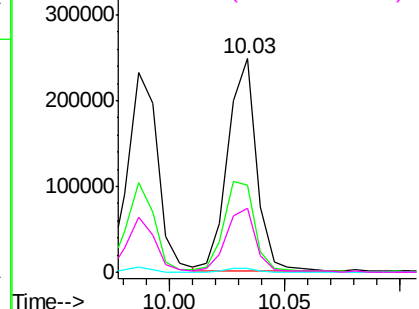
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.685 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	213165
Ion	Ratio	Lower	Upper
232	100		
131	48.0	37.5	56.3
130	2.1	1.8	2.6
166	31.3	24.6	36.8

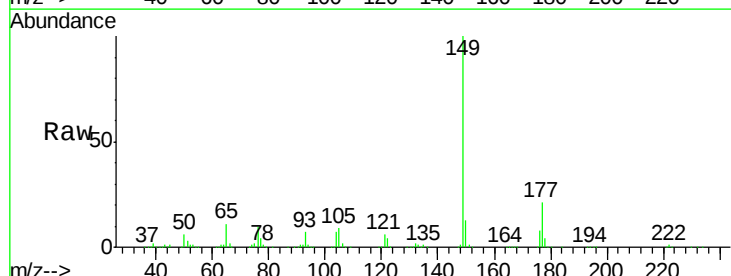


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

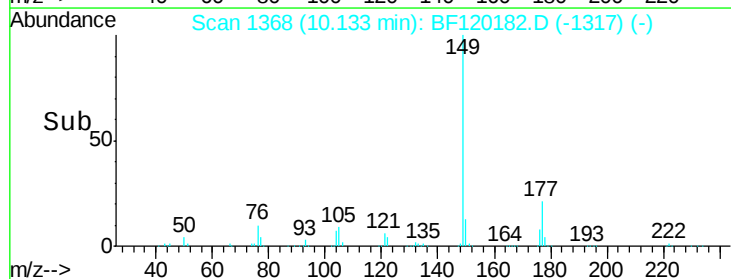
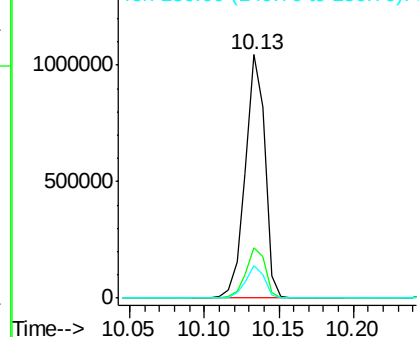


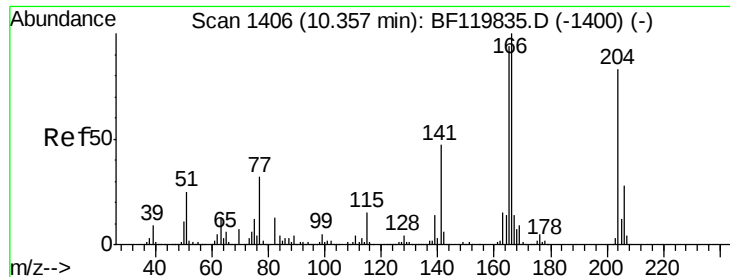
#60
 Diethylphthalate
 Concen: 40.593 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

Tgt Ion:	149	Resp:	954434
Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.0	25.6
150	13.1	10.1	15.1



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

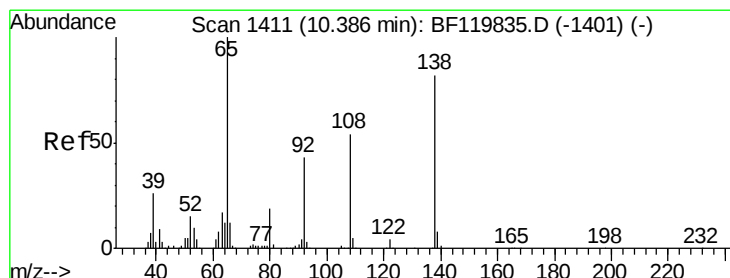
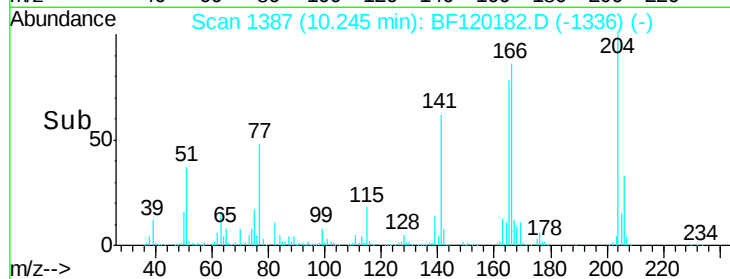
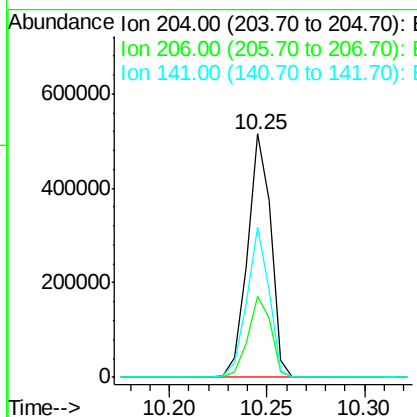
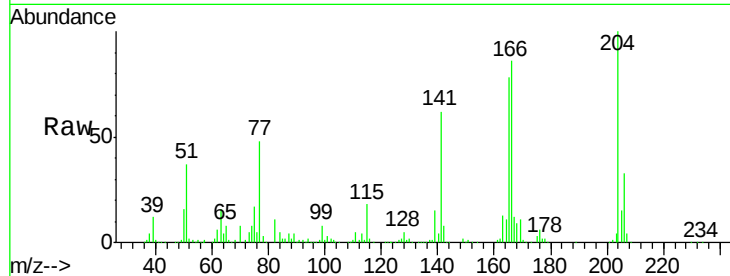




#61
 4-Chlorophenyl-phenylether
 Concen: 39.108 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

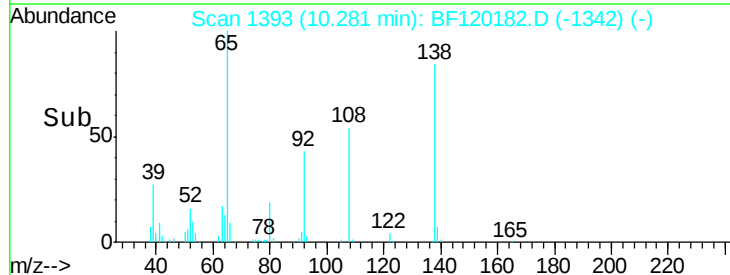
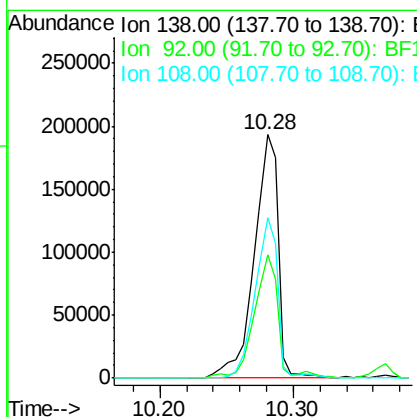
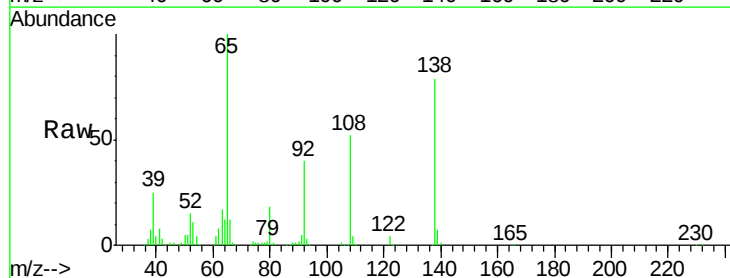
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

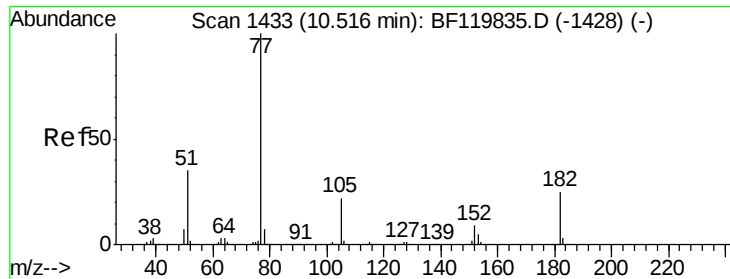
Tot Ion:204 Resp: 425574
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.7 40.1
 141 61.8 47.3 70.9



#62
 4-Nitroaniline
 Concen: 43.935 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

Tgt Ion:138 Resp: 237556
 Ion Ratio Lower Upper
 138 100
 92 50.5 31.5 71.5
 108 65.8 45.8 85.8

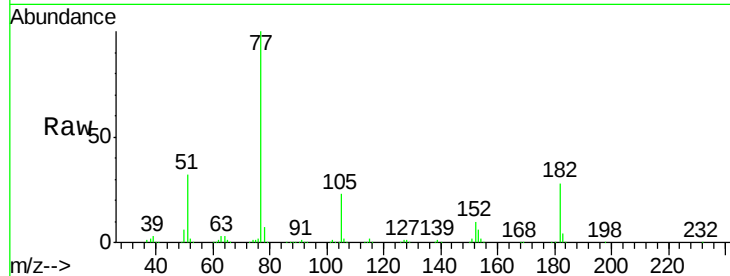




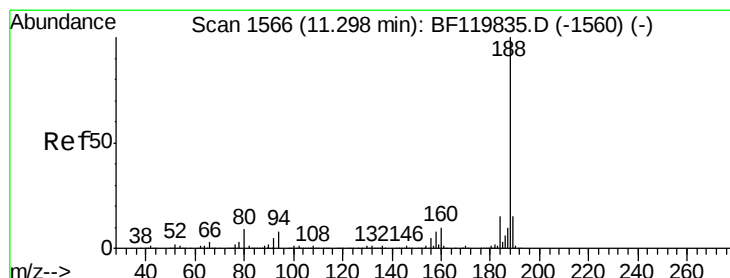
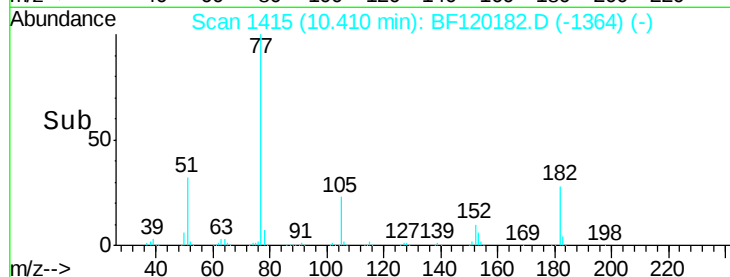
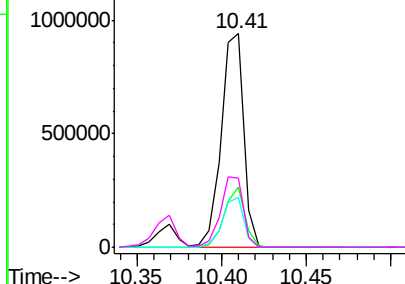
#63
Azobenzene
Concen: 41.370 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 871712
Ion Ratio Lower Upper
77 100
182 27.9 4.4 44.4
105 23.3 2.6 42.6
51 32.4 15.1 55.1

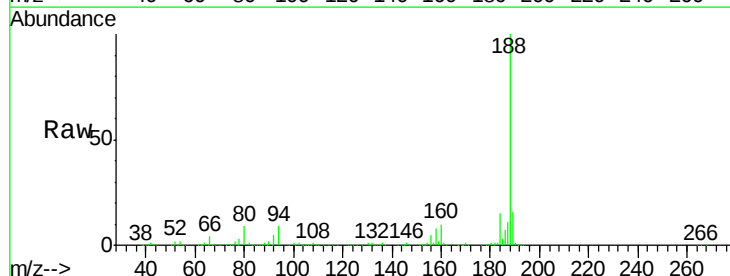


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

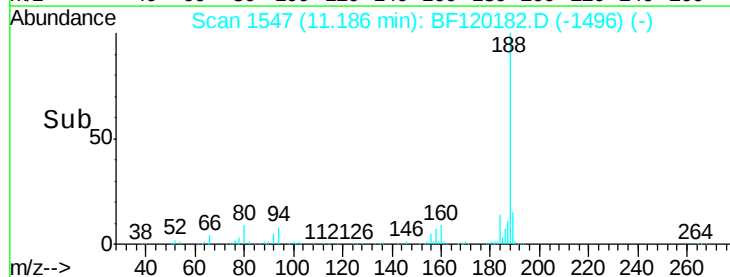
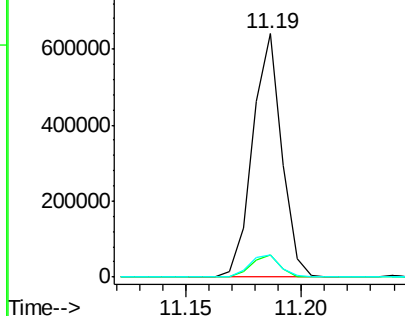


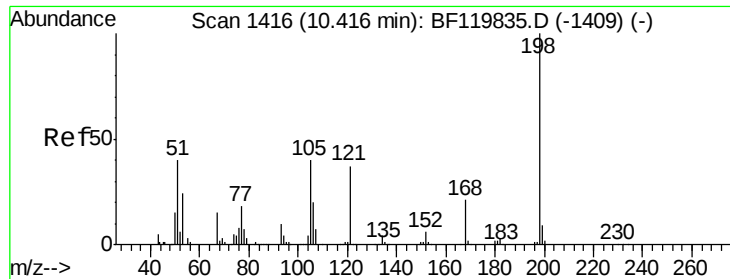
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Tgt Ion: 188 Resp: 563038
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 9.4 9.0 13.4



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

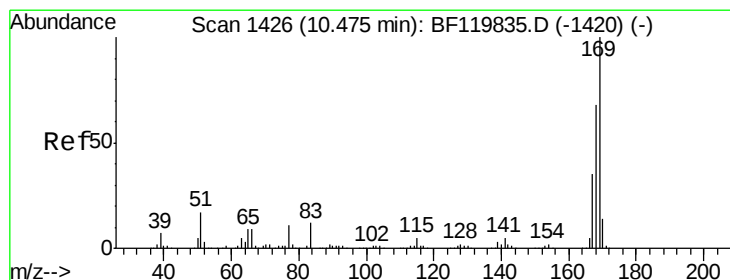
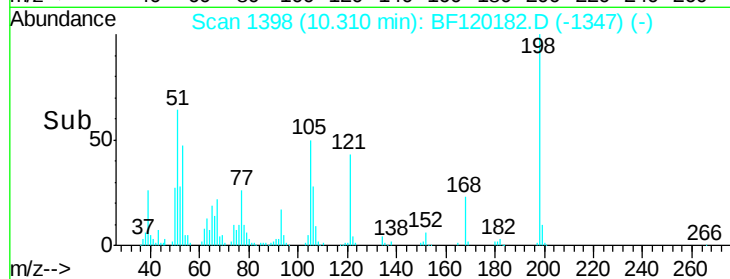
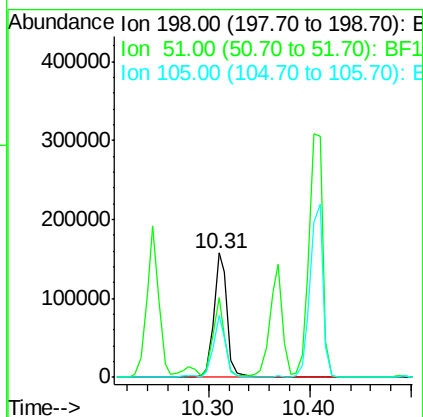
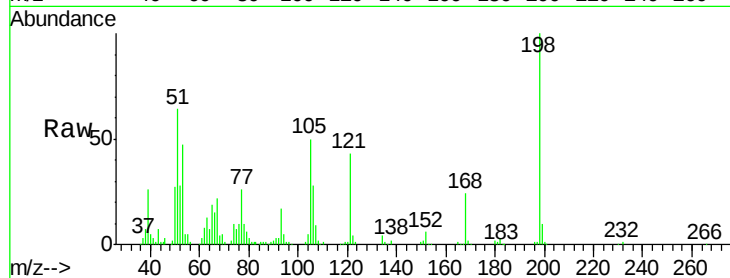




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.641 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

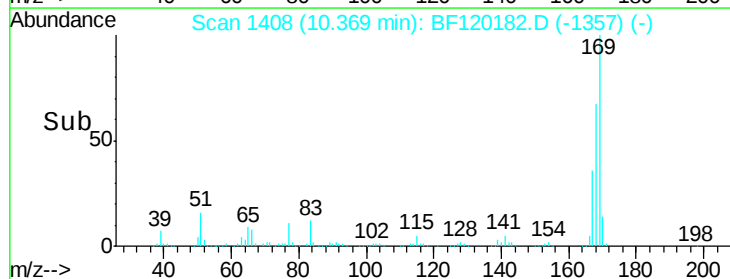
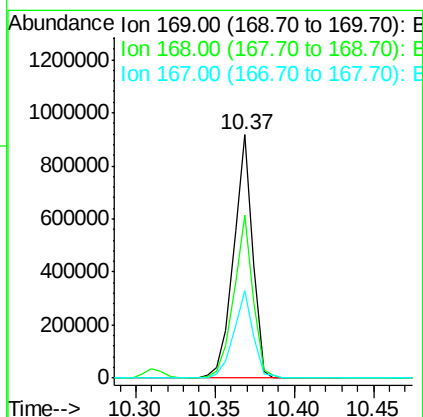
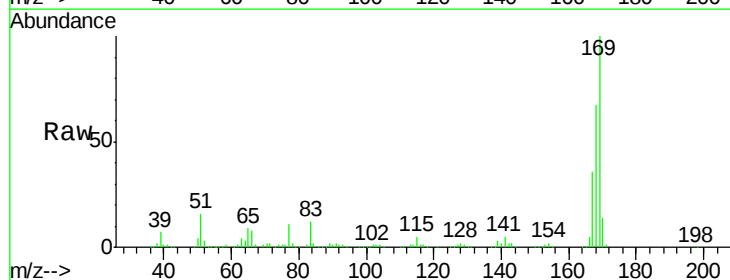
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

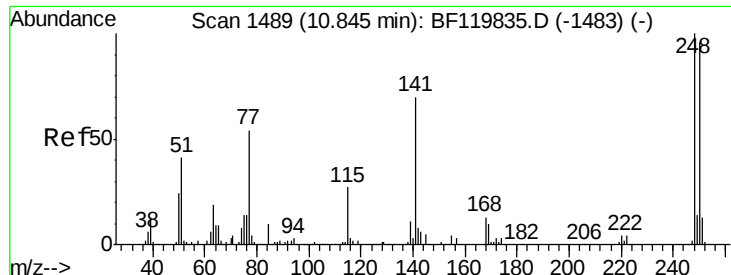
Tot Ion:198 Resp: 143334
 Ion Ratio Lower Upper
 198 100
 51 63.9 29.0 69.0
 105 50.1 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 40.684 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

Tgt Ion:169 Resp: 761805
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.2 79.8
 167 36.1 29.1 43.7

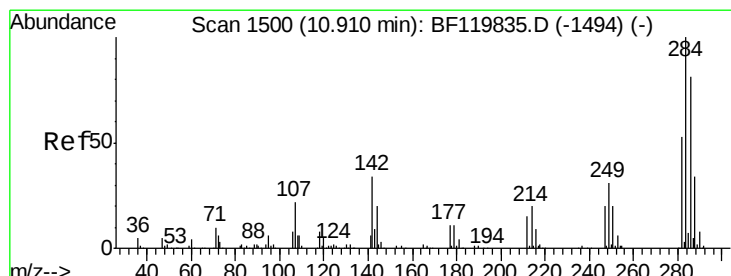
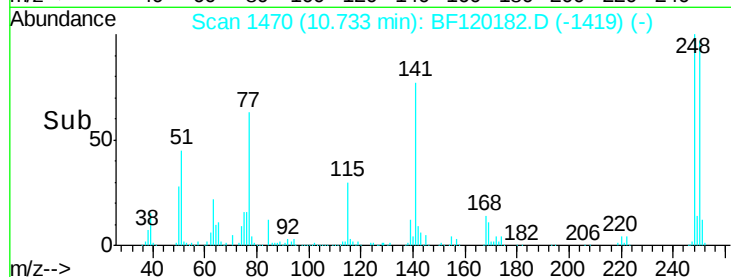
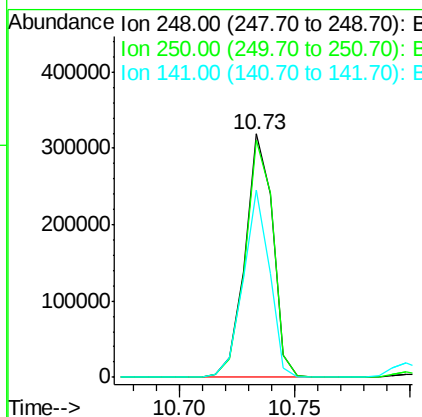
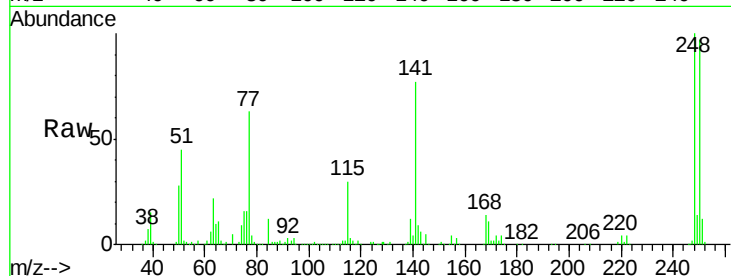




#67
 4-Bromophenyl-phenylether
 Concen: 38.233 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

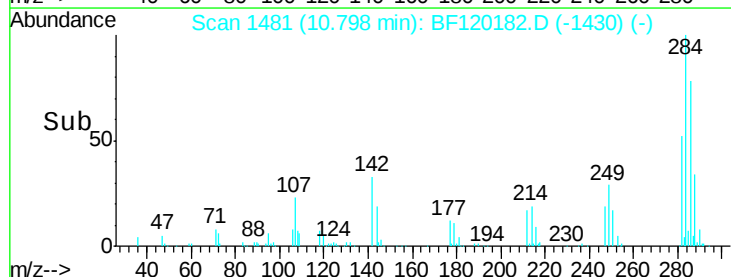
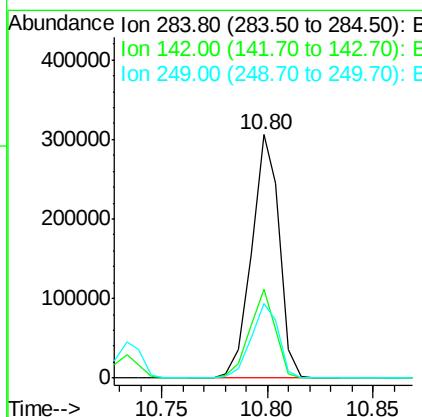
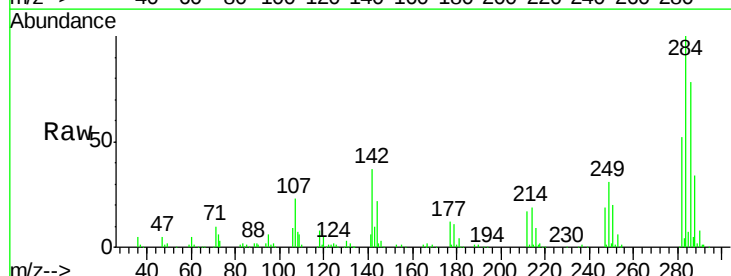
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

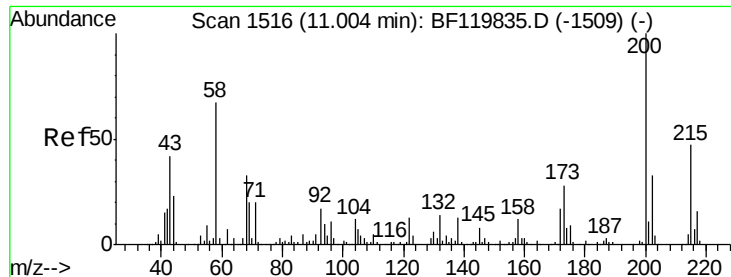
Tot Ion:248 Resp: 267704
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.3 115.9
 141 77.0 58.6 87.8



#68
 Hexachlorobenzene
 Concen: 39.058 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

Tgt Ion:284 Resp: 277440
 Ion Ratio Lower Upper
 284 100
 142 36.6 29.2 43.8
 249 30.8 25.1 37.7

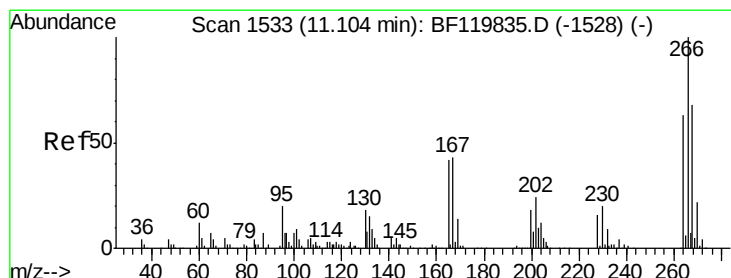
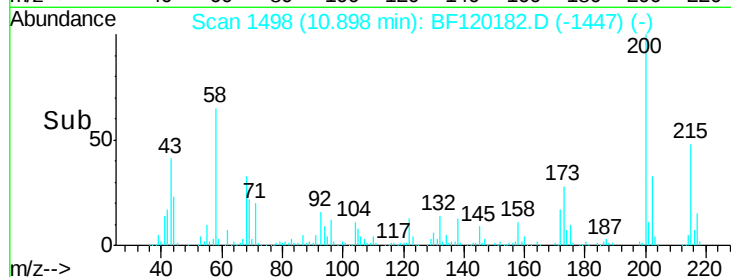
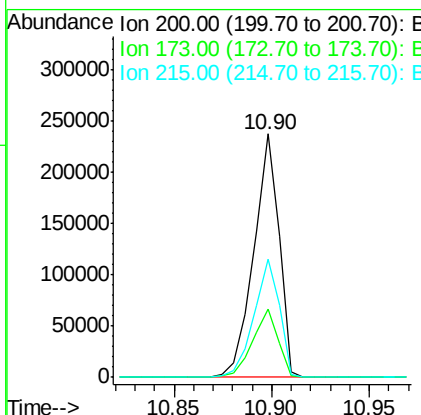
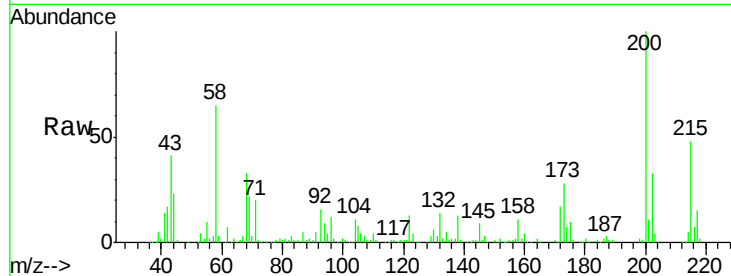




#69
 Atrazine
 Concen: 40.870 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

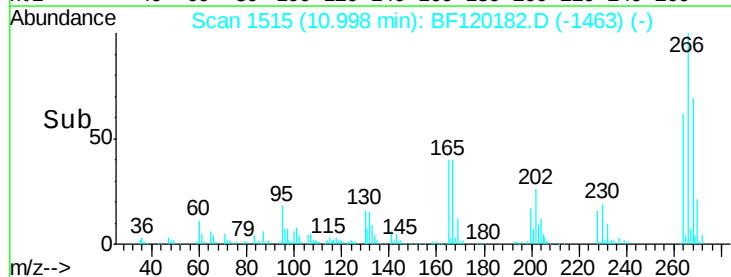
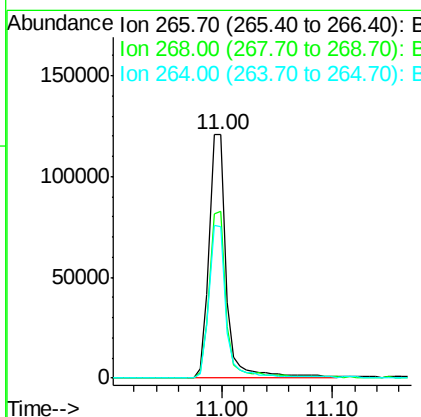
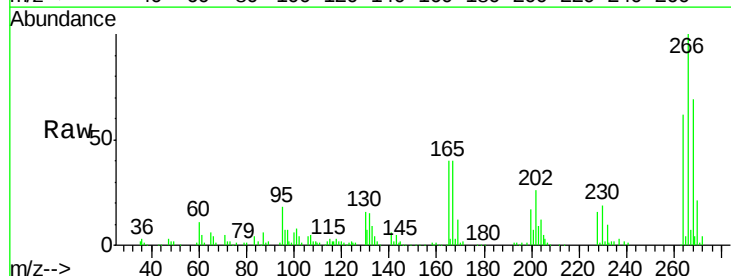
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

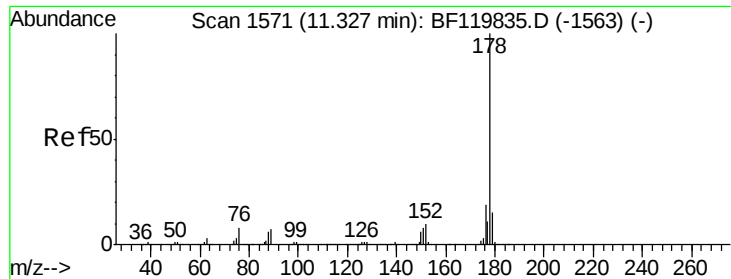
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	9.3	49.3
215	48.4	29.5	69.5



#70
 Pentachlorophenol
 Concen: 31.829 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.7	53.3	79.9
264	62.2	49.0	73.4

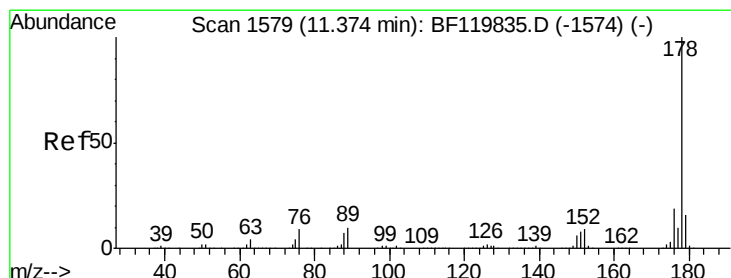
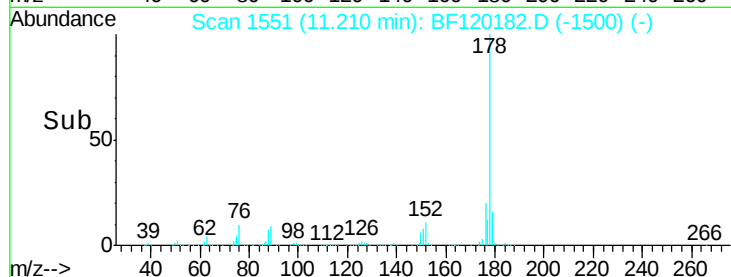
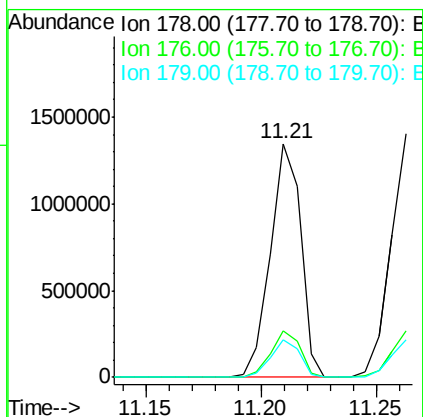
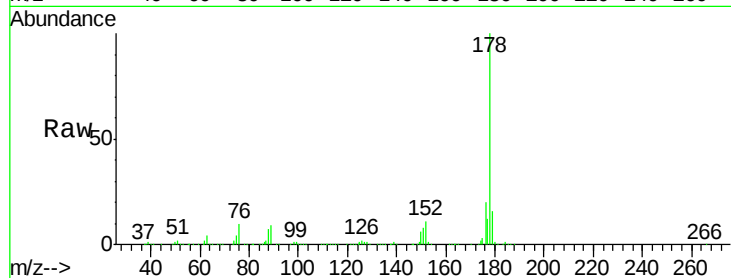




#71
Phenanthrene
Concen: 41.164 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

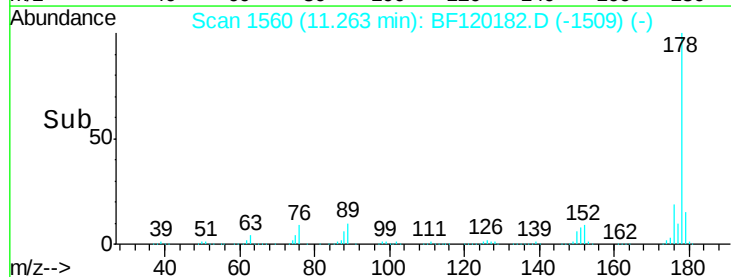
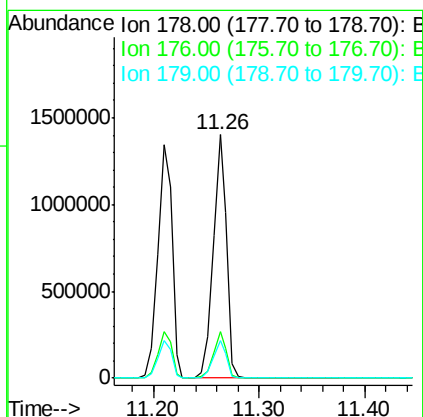
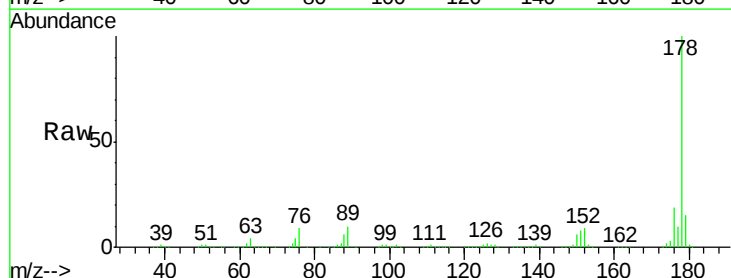
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

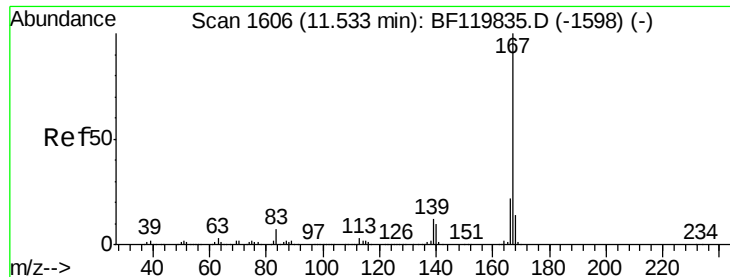
Tot Ion:178 Resp: 1233511
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 16.1 13.2 19.8



#72
Anthracene
Concen: 41.051 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Tgt Ion:178 Resp: 1256622
Ion Ratio Lower Upper
178 100
176 18.9 16.1 24.1
179 15.5 13.0 19.4





#73

Carbazole

Concen: 41.035 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

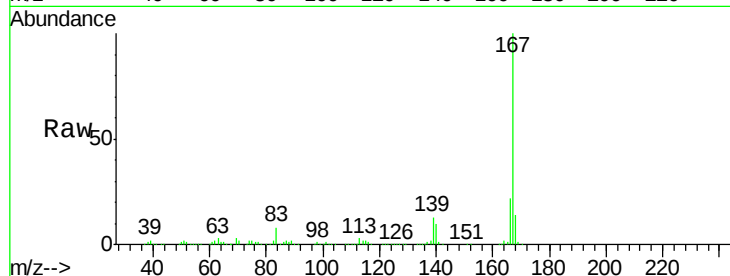
Tot Ion:167 Resp: 1187896

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.4

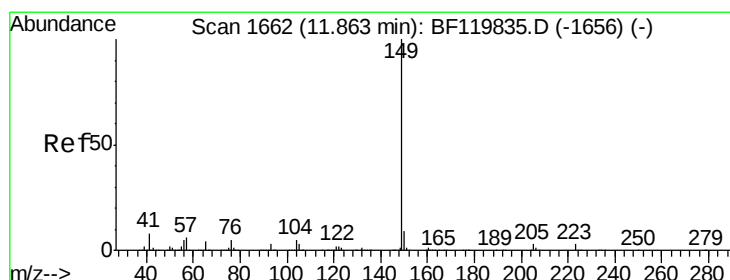
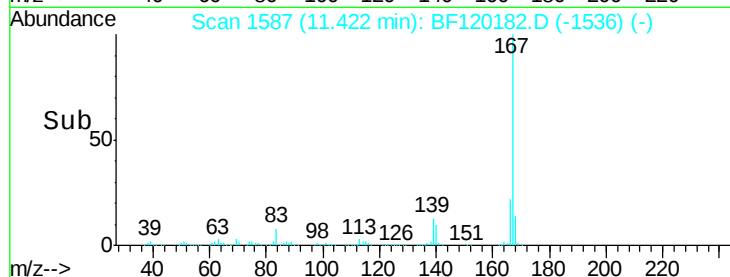
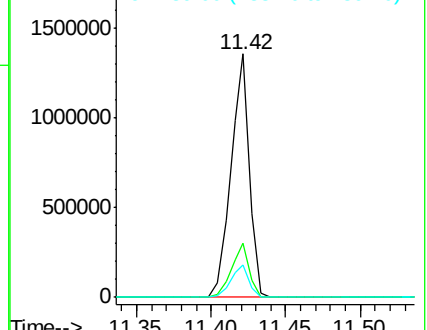
139 13.3 10.7 16.1



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: 40.190 ng

RT: 11.76 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

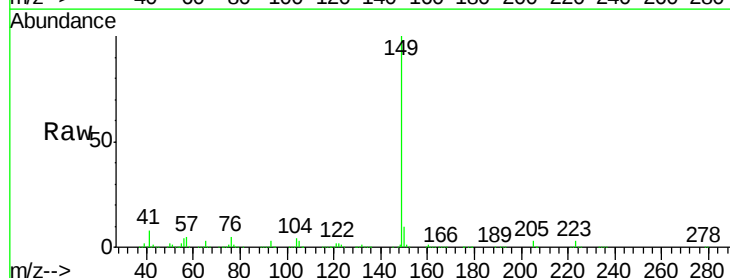
Tgt Ion:149 Resp: 1529434

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

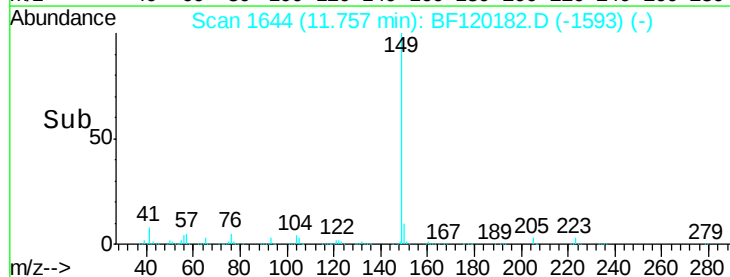
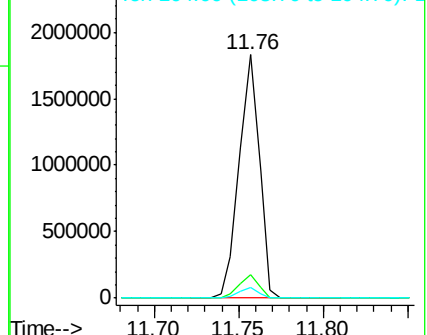
104 4.4 3.6 5.4

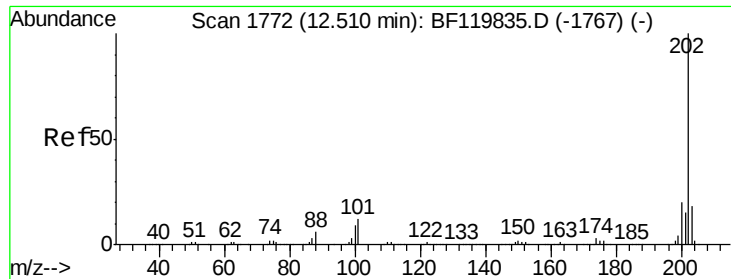


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

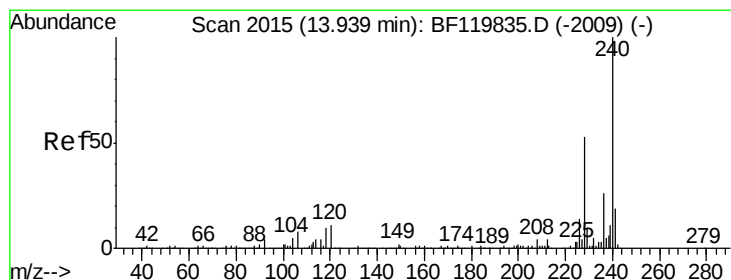
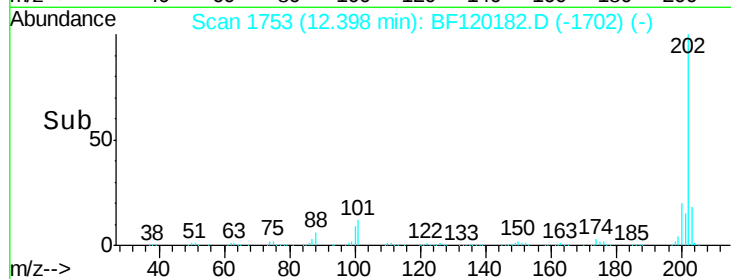
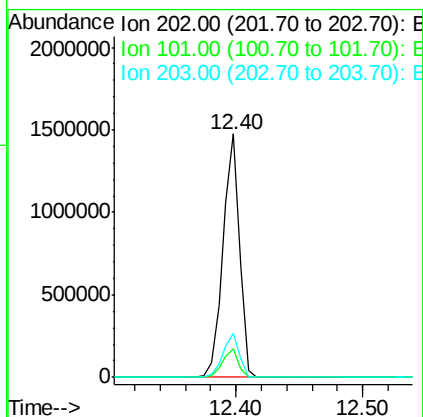
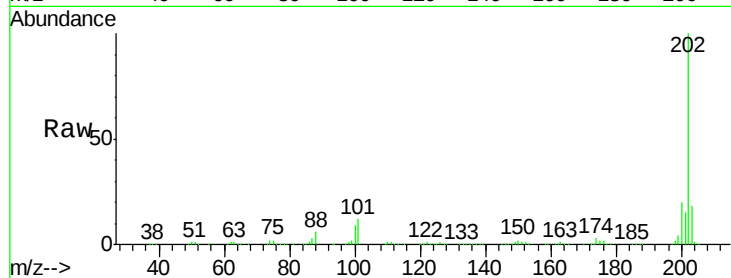




#75
 Fluoranthene
 Concen: 41.164 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

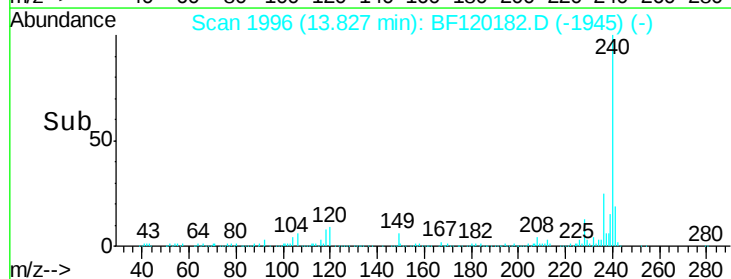
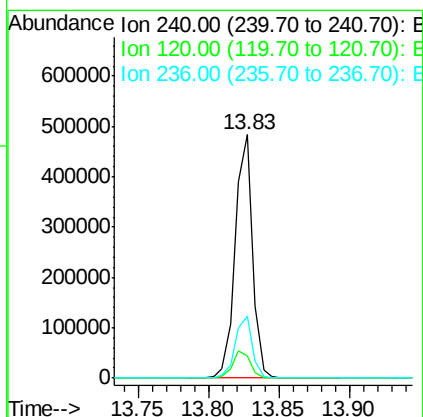
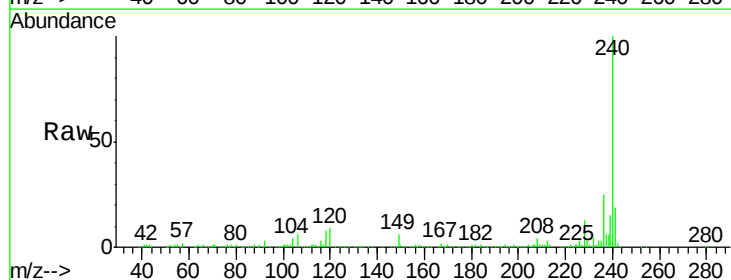
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

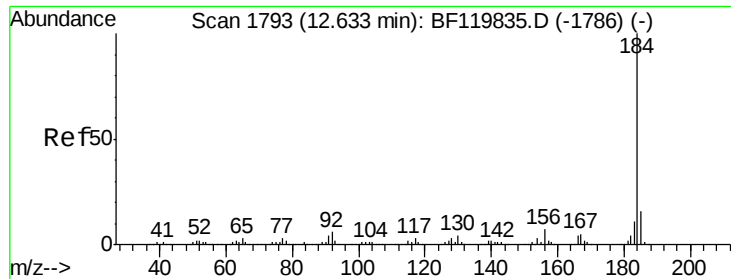
Tot Ion:202 Resp: 1330933
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 32.2
 203 17.9 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF120182.D
 Acq: 23 Apr 2020 23:45

Tgt Ion:240 Resp: 412436
 Ion Ratio Lower Upper
 240 100
 120 9.2 10.6 15.8#
 236 25.4 20.2 30.2





#77

Benzidine

Concen: 38.100 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

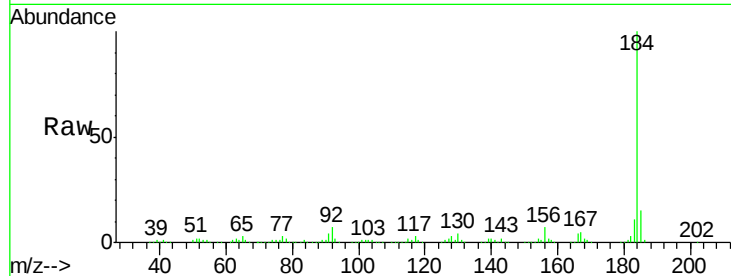
Tot Ion:184 Resp: 531168

Ion Ratio Lower Upper

184 100

185 15.4 12.3 18.5

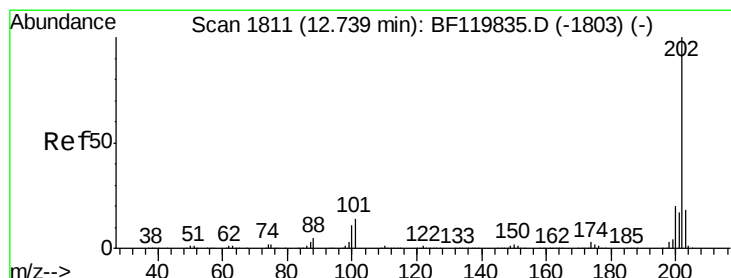
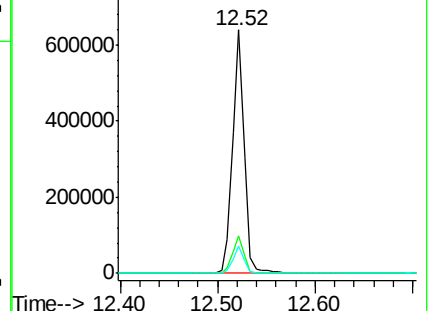
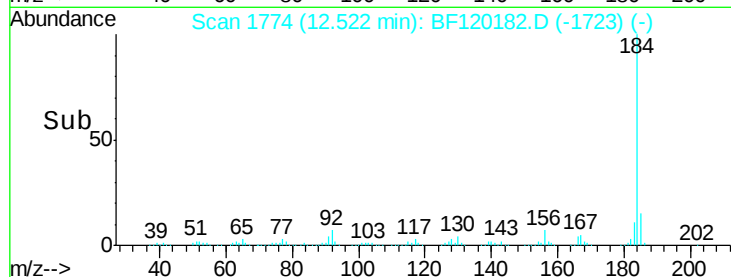
183 11.0 9.0 13.6



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: 39.333 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

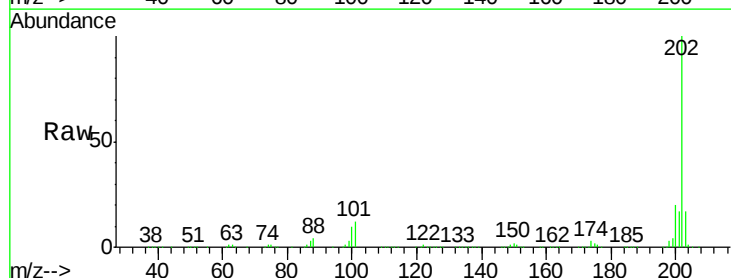
Tgt Ion:202 Resp: 1367571

Ion Ratio Lower Upper

202 100

200 20.2 16.8 25.2

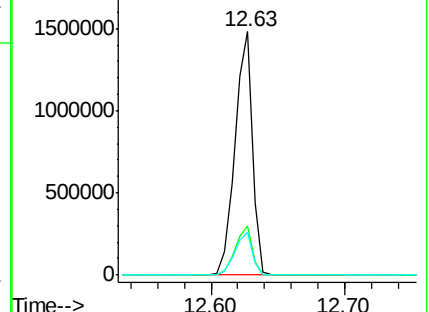
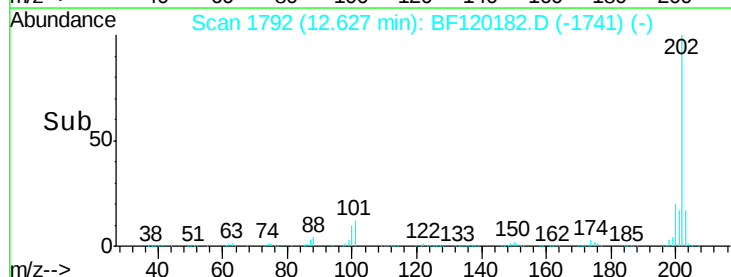
203 17.5 15.1 22.7



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: 75.702 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

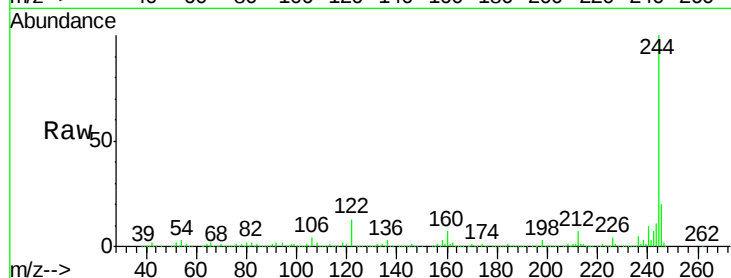
Tot Ion:244 Resp: 1855541

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

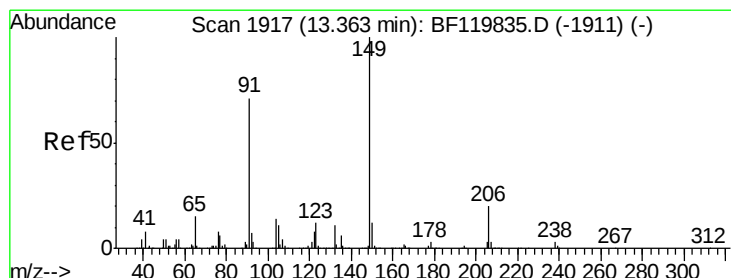
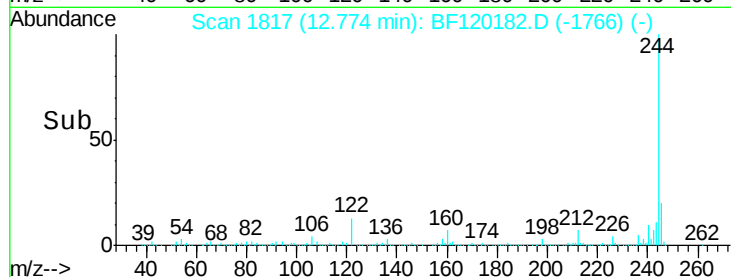
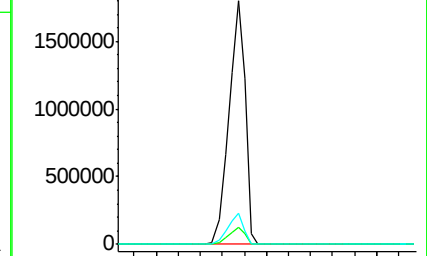
122 12.8 10.3 15.5



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: 38.994 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

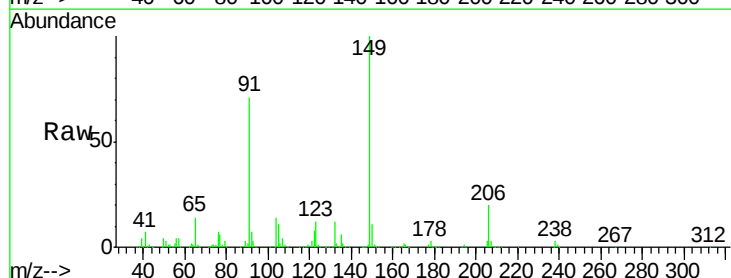
Tgt Ion:149 Resp: 657878

Ion Ratio Lower Upper

149 100

91 70.8 54.7 82.1

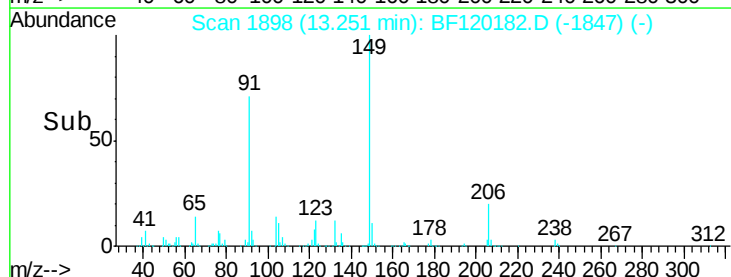
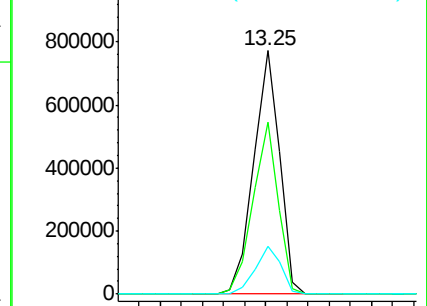
206 19.7 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.190 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

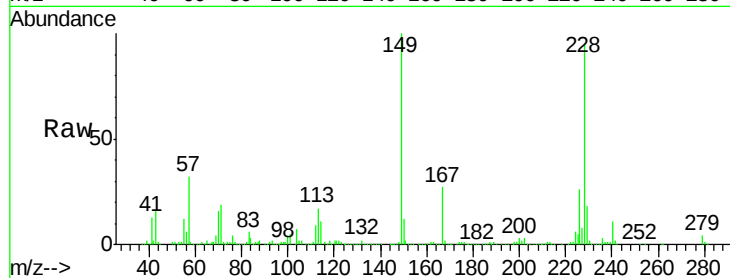
Tot Ion:228 Resp: 1090463

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

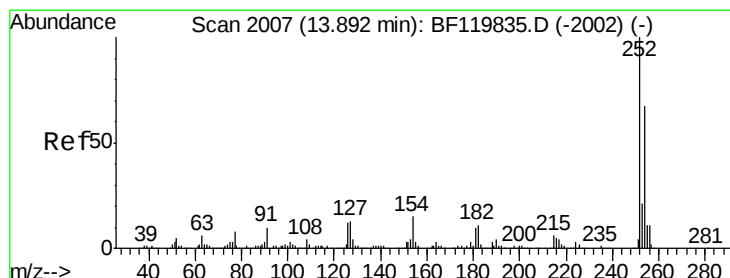
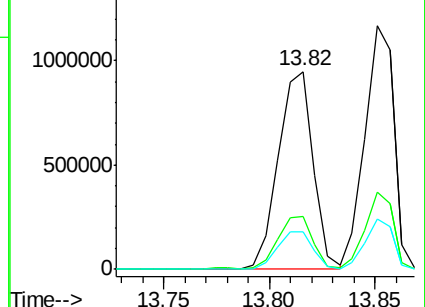
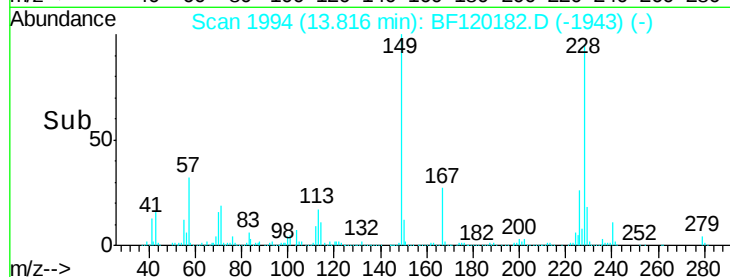
229 19.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.858 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

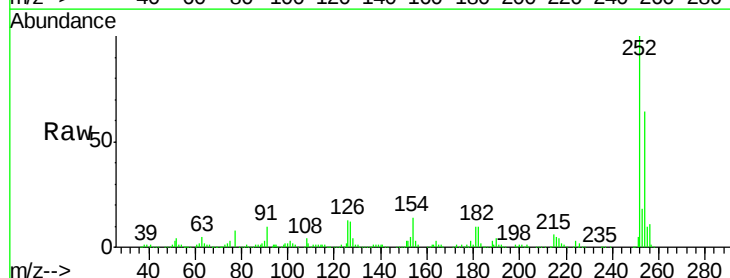
Tgt Ion:252 Resp: 393390

Ion Ratio Lower Upper

252 100

254 63.6 51.2 76.8

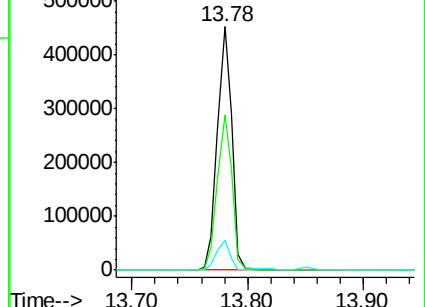
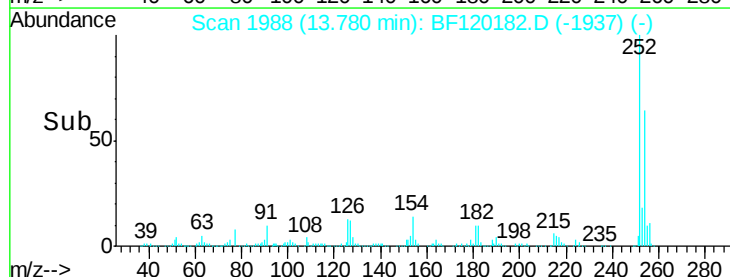
126 12.5 9.6 14.4

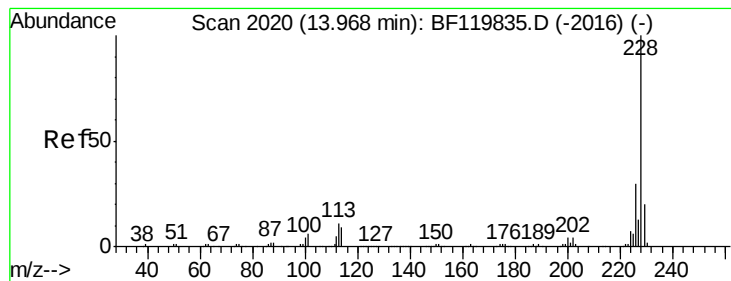


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.276 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

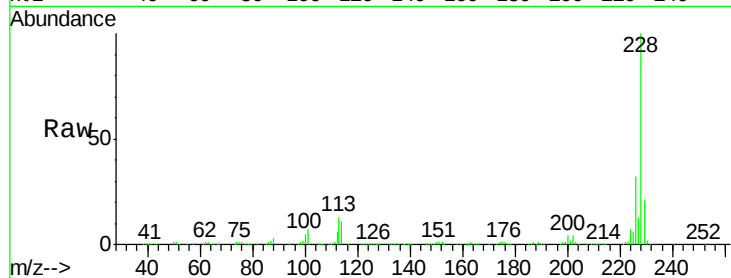
Tot Ion:228 Resp: 1110372

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

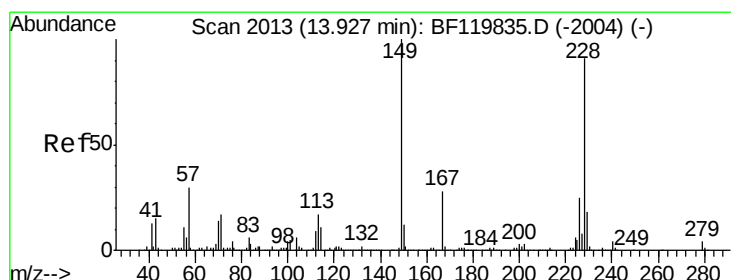
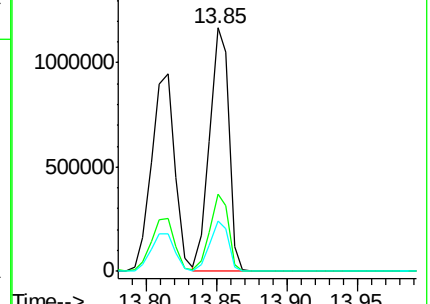
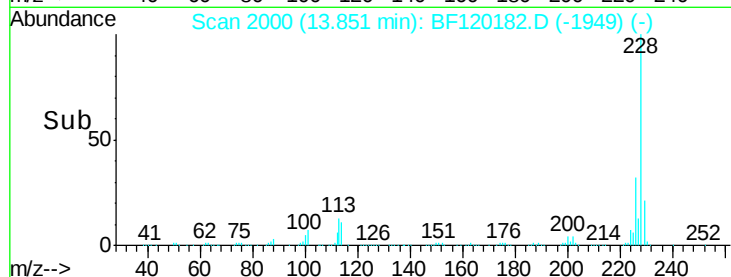
229 20.7 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.084 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

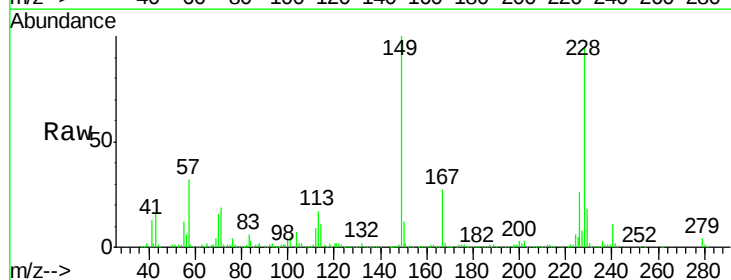
Tgt Ion:149 Resp: 870116

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

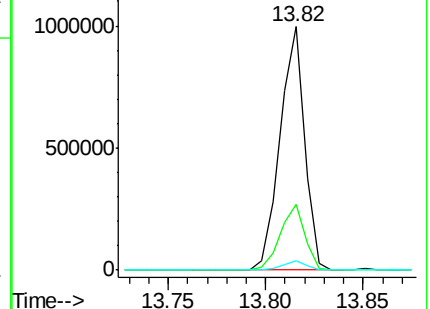
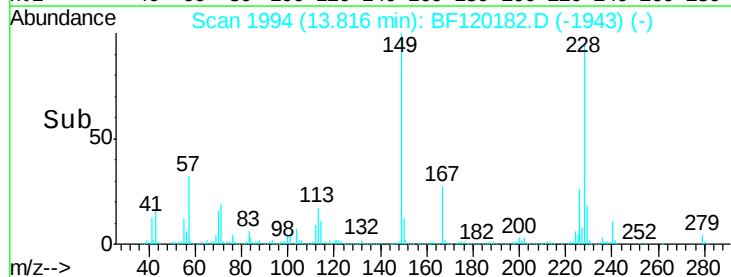
279 3.8 2.7 4.1

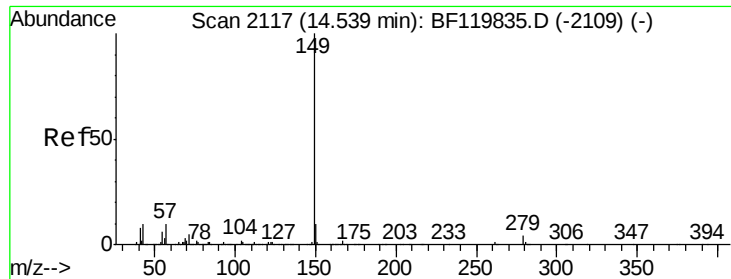


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.265 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

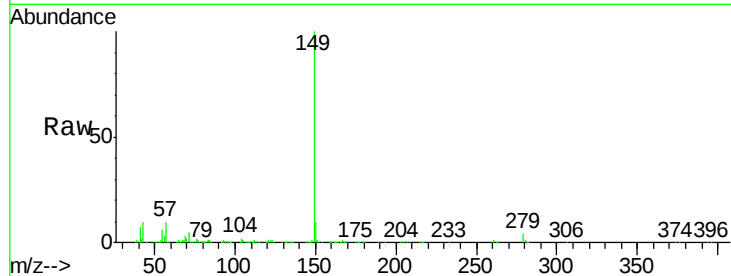
Tot Ion:149 Resp: 1566327

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

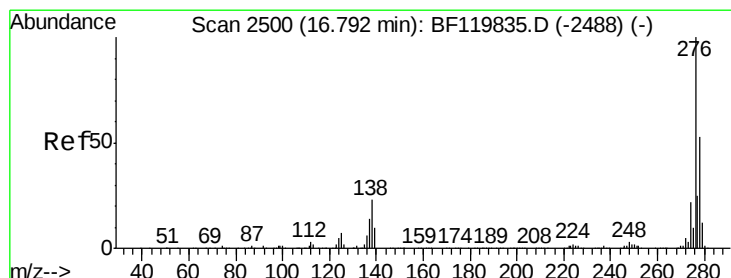
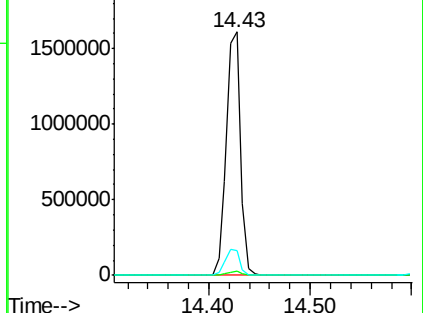
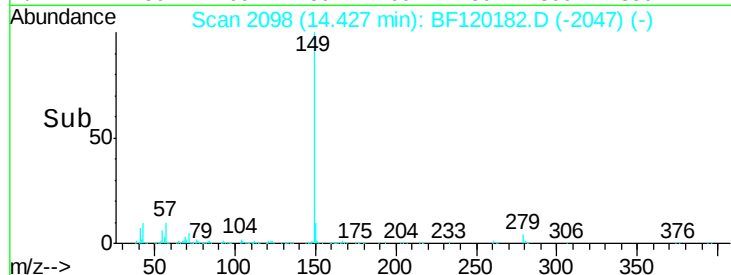
43 11.0 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.340 ng

RT: 16.57 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

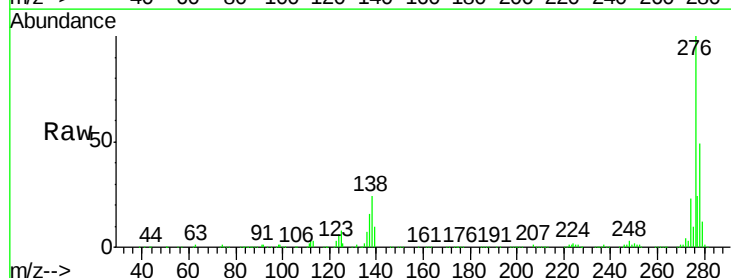
Tgt Ion:276 Resp: 907447

Ion Ratio Lower Upper

276 100

138 25.2 19.6 29.4

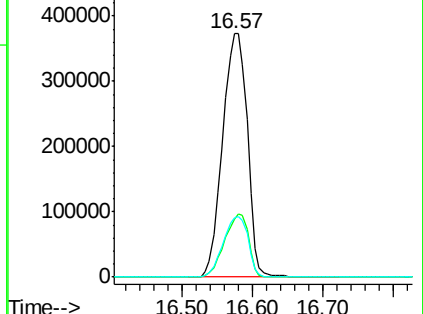
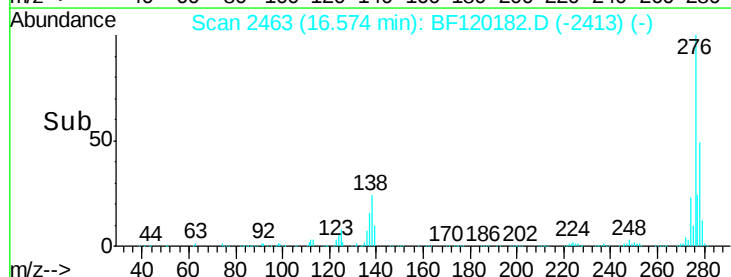
277 25.0 20.0 30.0

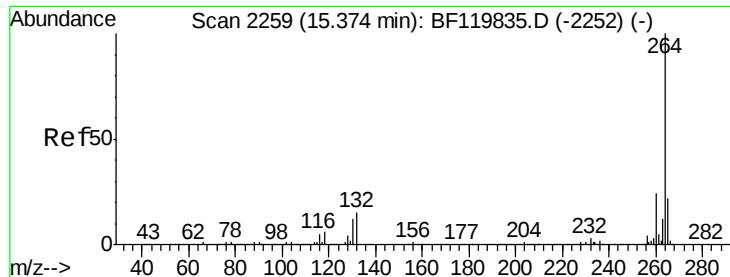


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



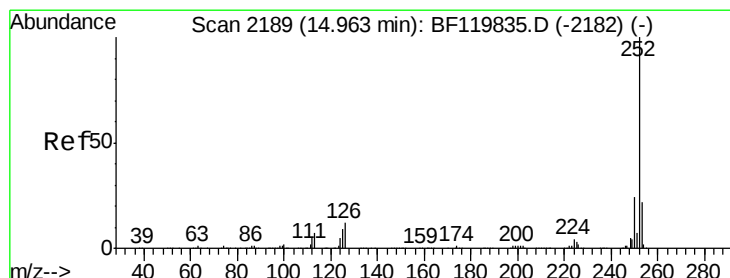
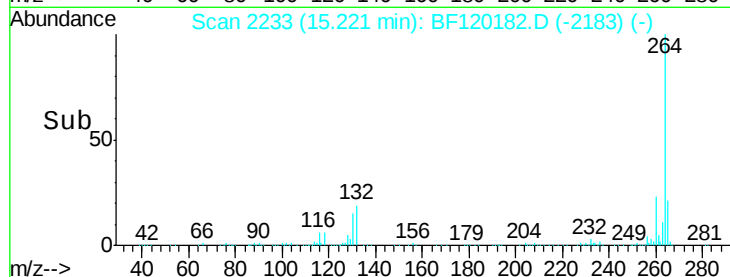
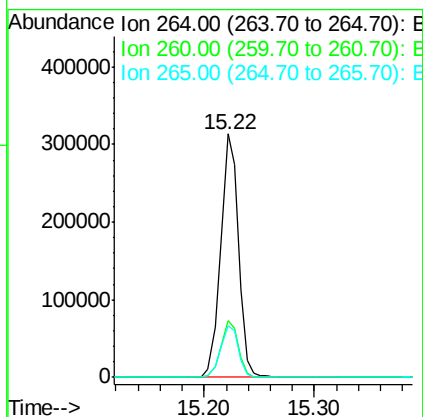
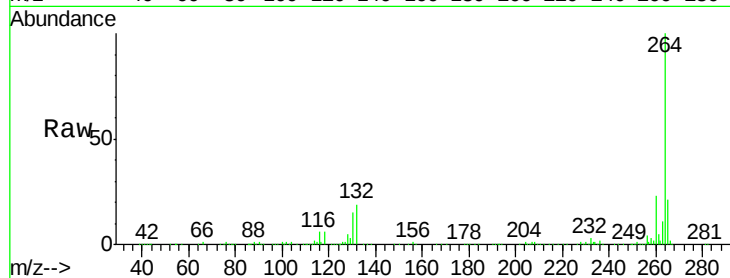


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 352732

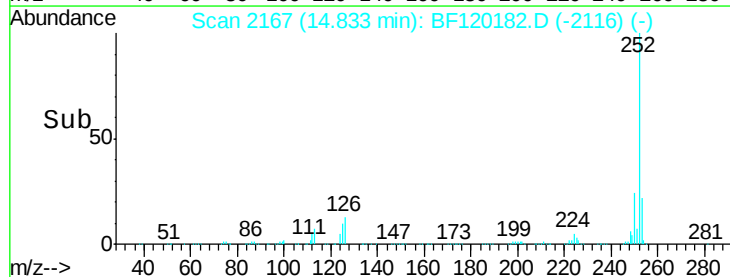
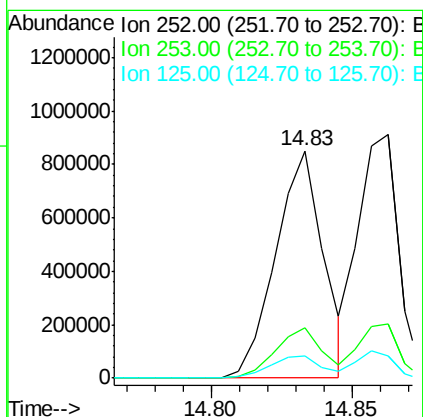
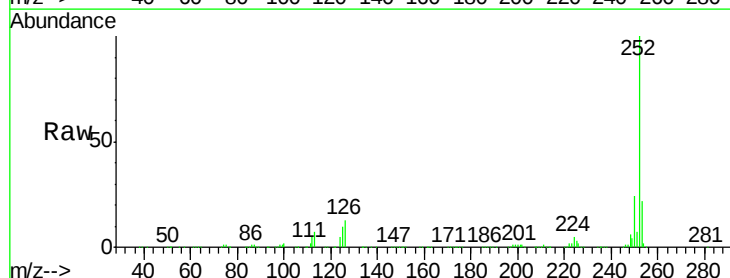
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.0	17.7	26.5

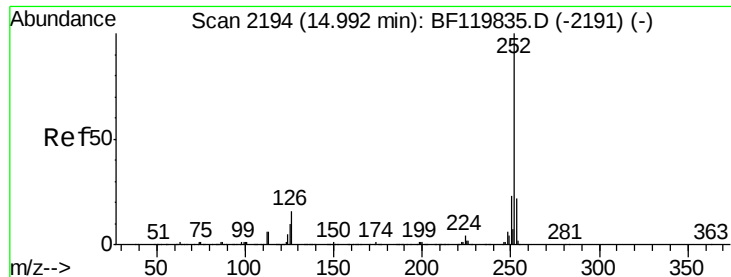


#88
Benzo(b)fluoranthene
Concen: 39.386 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Tgt Ion:252 Resp: 999412

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	10.0	7.9	11.9

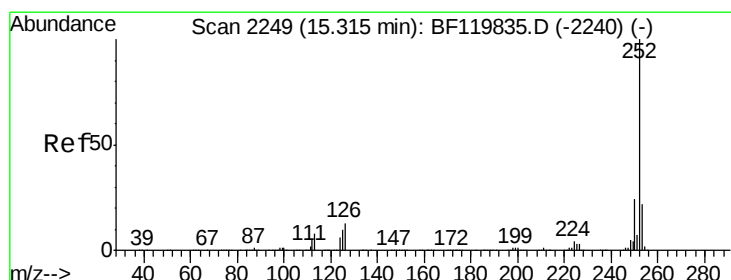
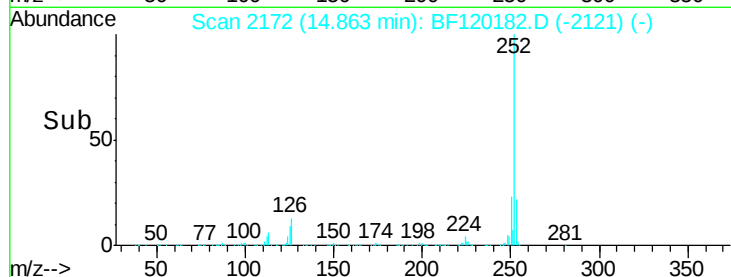
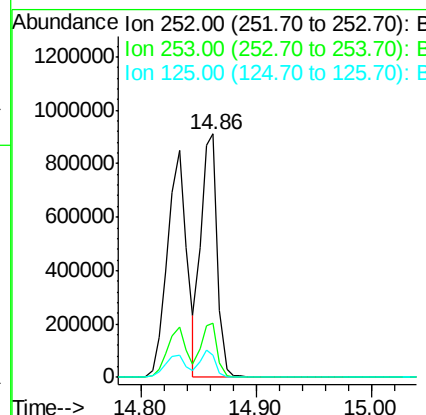
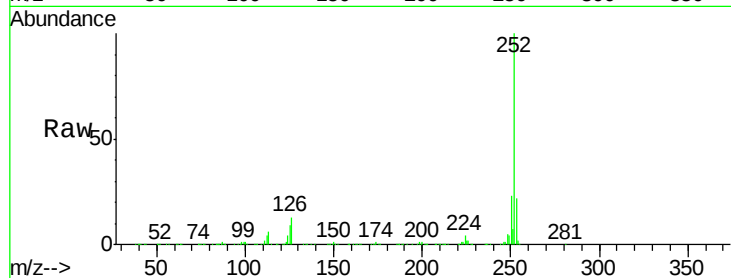




#89
Benzo(k)fluoranthene
Concen: 41.484 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

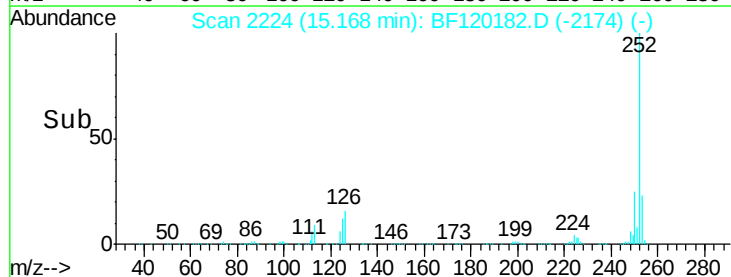
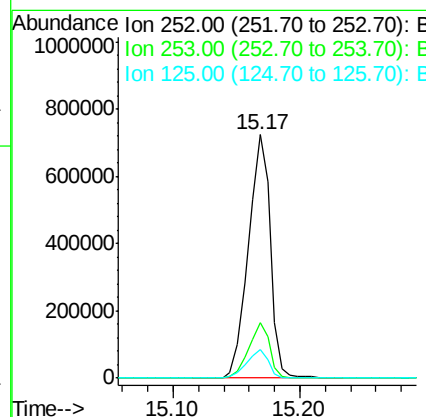
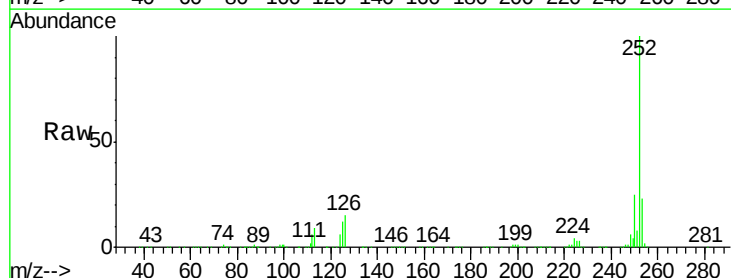
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

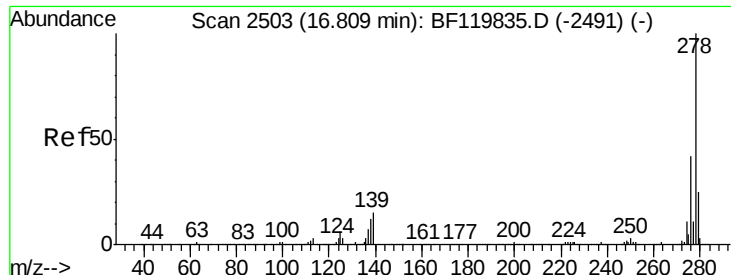
Tot Ion:252 Resp: 908238
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.2 8.4 12.6



#90
Benzo(a)pyrene
Concen: 40.724 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF120182.D
Acq: 23 Apr 2020 23:45

Tgt Ion:252 Resp: 868842
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 11.9 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 39.683 ng

RT: 16.59 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

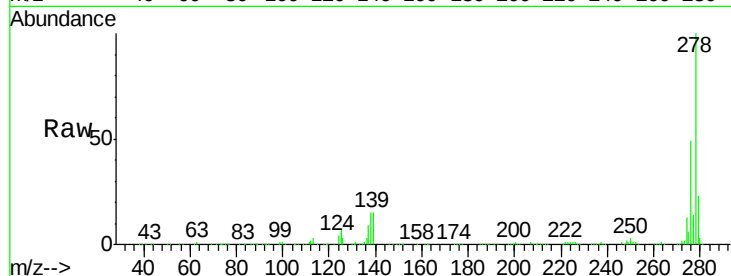
Tot Ion:278 Resp: 749938

Ion Ratio Lower Upper

278 100

139 15.3 12.6 19.0

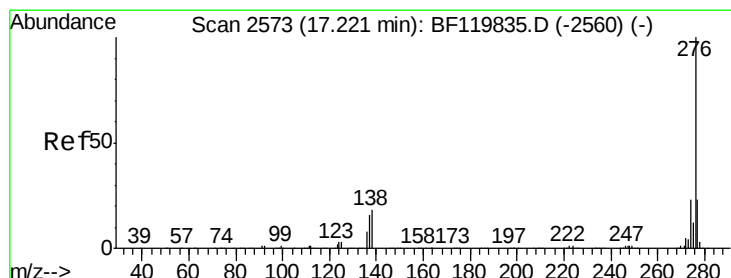
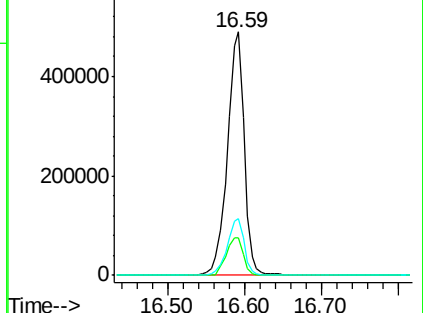
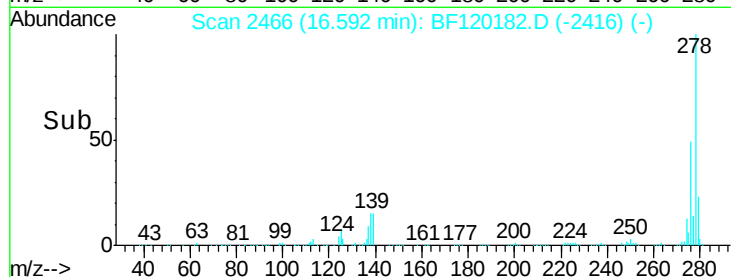
279 23.3 19.0 28.6



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: 38.664 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF120182.D

Acq: 23 Apr 2020 23:45

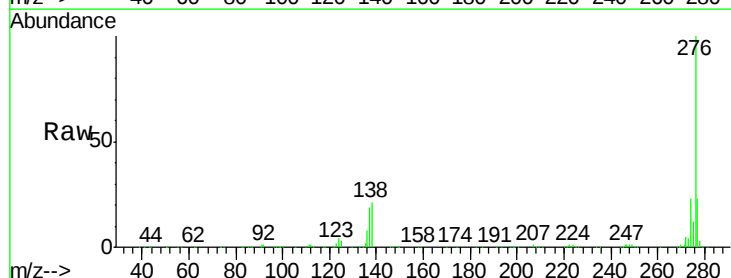
Tgt Ion:276 Resp: 721267

Ion Ratio Lower Upper

276 100

277 23.3 18.4 27.6

138 20.7 15.4 23.0



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

