

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
 Data File : BF116853.D
 Acq On : 6 Sep 2019 9:56
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 06 23:50:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	80490	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	336034	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	170489	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	272868	20.00	ng	0.00
76) Chrysene-d12	14.00	240	176487	20.00	ng	0.00
87) Perylene-d12	15.46	264	153970	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	429294	86.41	ng	0.00
7) Phenol-d6	6.49	99	555626	85.17	ng	0.00
23) Nitrobenzene-d5	7.41	82	540804	91.87	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	122181	107.20	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	929745	91.99	ng	0.00
79) Terphenyl-d14	12.95	244	849332	89.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	88093	38.410	ng	96
3) Pyridine	3.35	79	253737	38.210	ng	92
4) n-Nitrosodimethylamine	3.29	42	86721	38.030	ng	88
6) Aniline	6.51	93	363173	40.192	ng	100
8) 2-Chlorophenol	6.64	128	232648	42.895	ng	98
9) Benzaldehyde	6.40	77	164156	38.193	ng	94
10) Phenol	6.50	94	303069	41.952	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	227702	40.480	ng	99
12) 1,3-Dichlorobenzene	6.79	146	261245	42.619	ng	97
13) 1,4-Dichlorobenzene	6.87	146	263340	43.151	ng	98
14) 1,2-Dichlorobenzene	7.02	146	250074	44.217	ng	97
15) Benzyl Alcohol	6.99	79	223164	42.140	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	233516	35.383	ng	92
17) 2-Methylphenol	7.10	107	195835	41.247	ng	98
18) Hexachloroethane	7.36	117	102337	43.161	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	176548	41.100	ng	92
20) 3+4-Methylphenols	7.26	107	249244	45.150	ng	# 74
22) Acetophenone	7.26	105	356051	44.011	ng	96
24) Nitrobenzene	7.43	77	271203	45.301	ng	98
25) Isophorone	7.67	82	479306	40.184	ng	99
26) 2-Nitrophenol	7.75	139	117938	52.989	ng	97
27) 2,4-Dimethylphenol	7.79	122	180946	40.254	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	299765	41.126	ng	98
29) 2,4-Dichlorophenol	7.99	162	194395	45.000	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	205651	43.891	ng	96
31) Naphthalene	8.15	128	681662	42.661	ng	99
32) Benzoic acid	7.90	122	84486	33.287	ng	94
33) 4-Chloroaniline	8.20	127	305458	41.996	ng	98
34) Hexachlorobutadiene	8.27	225	117090	45.832	ng	99
35) Caprolactam	8.57	113	62590	38.715	ng	91
36) 4-Chloro-3-methylphenol	8.68	107	218178	43.943	ng	100
37) 2-Methylnaphthalene	8.85	142	461286	43.389	ng	95
38) 1-Methylnaphthalene	8.95	142	432003	43.045	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	186107	45.537	ng	99

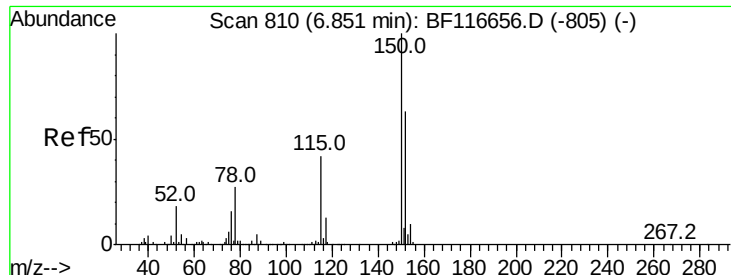
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
 Data File : BF116853.D
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 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	91105	38.603	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	128834	45.986	ng	97
44) 2,4,5-Trichlorophenol	9.16	196	135508	46.590	ng	95
46) 1,1'-Biphenyl	9.30	154	560498	43.326	ng	98
47) 2-Chloronaphthalene	9.33	162	447170	43.641	ng	99
48) 2-Nitroaniline	9.42	65	143465	48.430	ng	95
49) Acenaphthylene	9.75	152	667522	43.097	ng	99
50) Dimethylphthalate	9.60	163	507710	43.134	ng	98
51) 2,6-Dinitrotoluene	9.66	165	108951	48.515	ng	99
52) Acenaphthene	9.92	154	413089	43.406	ng	99
53) 3-Nitroaniline	9.83	138	133531	47.446	ng	89
54) 2,4-Dinitrophenol	9.95	184	33485	46.314	ng	92
55) Dibenzofuran	10.09	168	583380	43.483	ng	99
56) 4-Nitrophenol	10.00	139	88088	45.648	ng	85
57) 2,4-Dinitrotoluene	10.07	165	144418	52.592	ng	95
58) Fluorene	10.43	166	467968	45.778	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	105677	50.343	ng	96
60) Diethylphthalate	10.30	149	501913	42.569	ng	97
61) 4-Chlorophenyl-phenylether	10.42	204	206923	46.225	ng	96
62) 4-Nitroaniline	10.45	138	134913	49.396	ng	96
63) Azobenzene	10.58	77	513619	41.777	ng	96
65) 4,6-Dinitro-2-methylphenol	10.48	198	49399	48.976	ng	82
66) n-Nitrosodiphenylamine	10.54	169	404603	42.863	ng	97
67) 4-Bromophenyl-phenylether	10.91	248	121199	43.723	ng	99
68) Hexachlorobenzene	10.99	284	129938	44.803	ng	98
69) Atrazine	11.06	200	113091	42.777	ng	97
70) Pentachlorophenol	11.17	266	64574	46.027	ng	95
71) Phenanthrene	11.39	178	657184	43.265	ng	99
72) Anthracene	11.45	178	667360	43.646	ng	99
73) Carbazole	11.60	167	619626	42.542	ng	100
74) Di-n-butylphthalate	11.92	149	791953	42.414	ng	99
75) Fluoranthene	12.58	202	642809	43.062	ng	100
77) Benzidine	12.69	184	276747	39.979	ng	99
78) Pyrene	12.81	202	649566	41.404	ng	99
80) Butylbenzylphthalate	13.42	149	319257	41.846	ng	97
81) Benzo(a)anthracene	13.99	228	496316	44.434	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	159622	42.287	ng	99
83) Chrysene	14.03	228	477826	41.522	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	406454	43.158	ng	99
85) Di-n-octyl phthalate	14.59	149	635271	41.220	ng	# 95
86) Indeno(1,2,3-cd)pyrene	16.93	276	356021	38.517	ng	97
88) Benzo(b)fluoranthene	15.04	252	389349	41.826	ng	98
89) Benzo(k)fluoranthene	15.07	252	379965	44.767	ng	98
90) Benzo(a)pyrene	15.40	252	348924	43.084	ng	97
91) Dibenzo(a,h)anthracene	16.94	278	295949	41.748	ng	99
92) Benzo(g,h,i)perylene	17.36	276	285015	39.422	ng	96

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

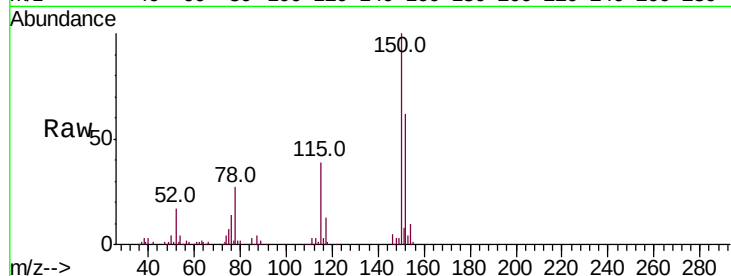


#1

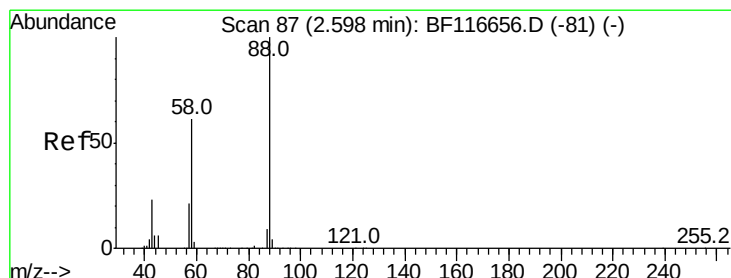
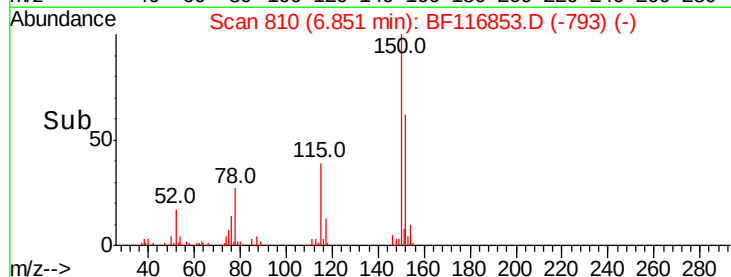
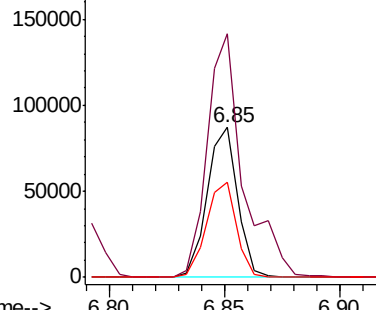
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	124.4	186.6
115	63.4	49.9	74.9



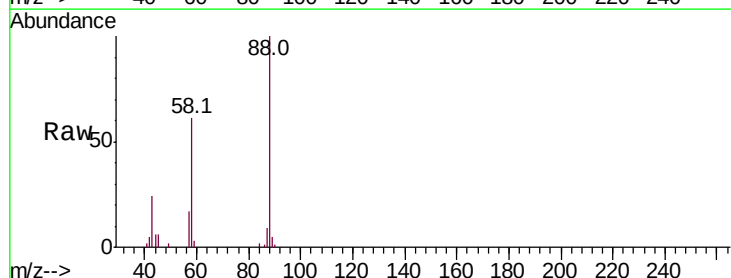
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



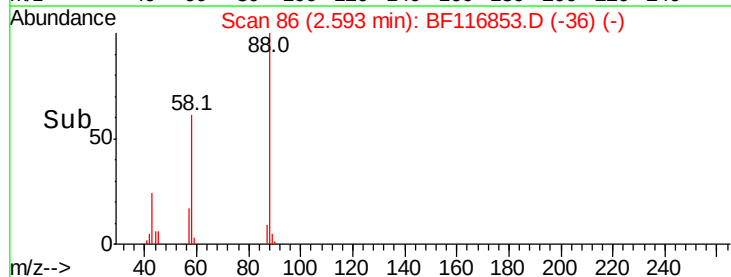
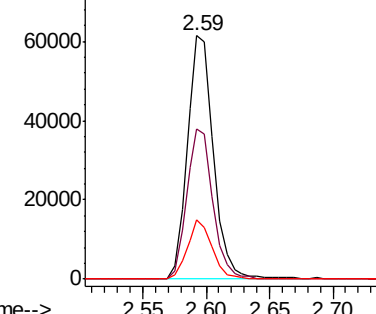
#2

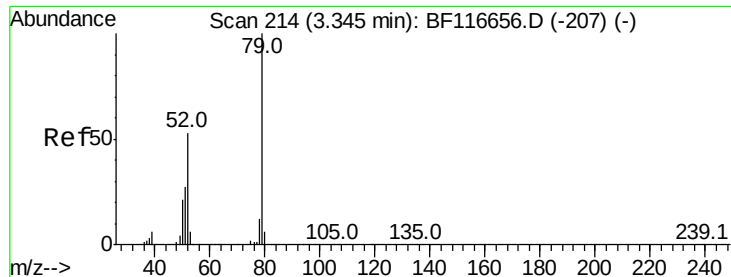
1,4-Dioxane
Concen: 38.410 ng
RT: 2.59 min Scan# 86
Delta R.T. -0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.2	51.7	77.5
43	23.0	19.8	29.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



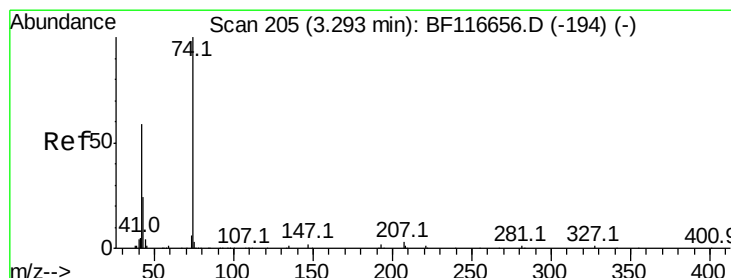
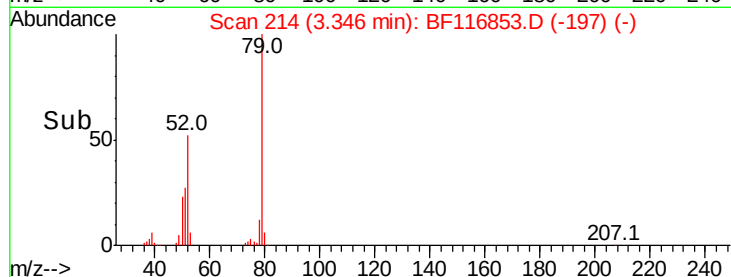
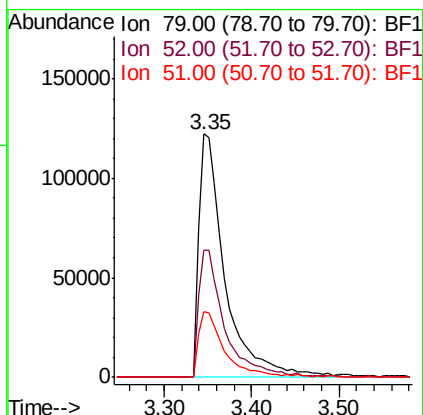
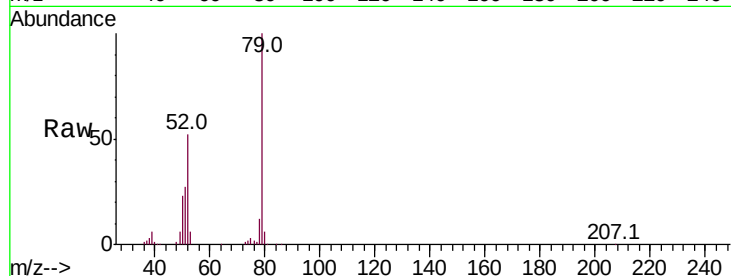


#3
 Pvridine
 Concen: 38.210 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.00 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 253737

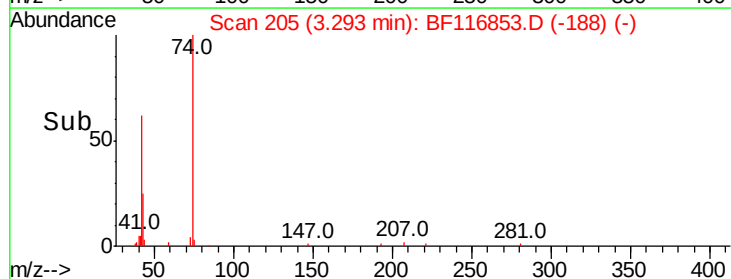
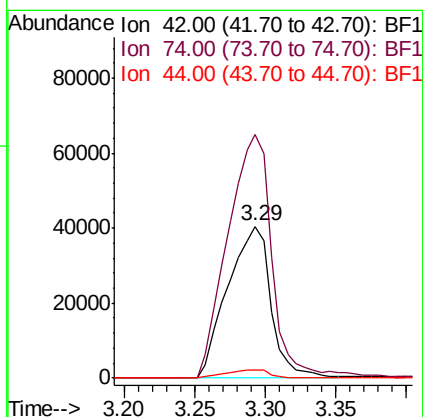
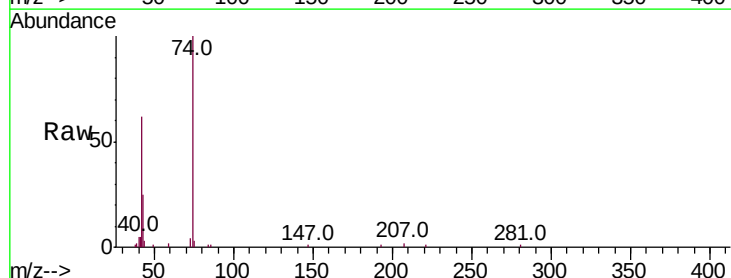
Ion	Ratio	Lower	Upper
79	100		
52	52.4	47.4	71.0
51	27.2	24.1	36.1

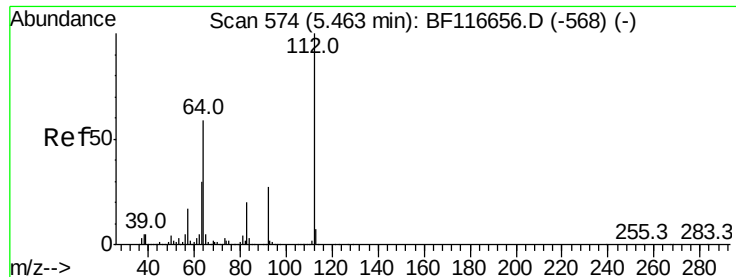


#4
 n-Nitrosodimethylamine
 Concen: 38.030 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.00 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

Tgt Ion: 42 Resp: 86721

Ion	Ratio	Lower	Upper
42	100		
74	160.1	115.6	173.4
44	4.9	4.6	7.0





#5

2-Fluorophenol

Concen: 86.406 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

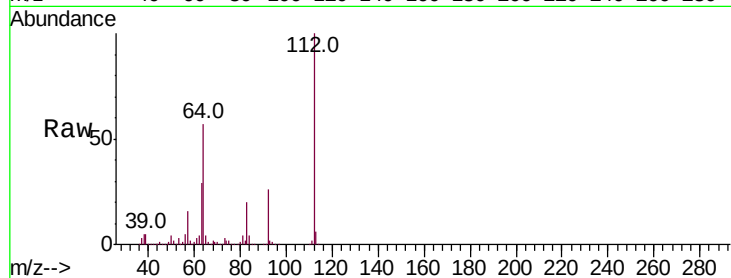
Tot Ion:112 Resp: 429294

Ion Ratio Lower Upper

112 100

64 56.7 47.1 70.7

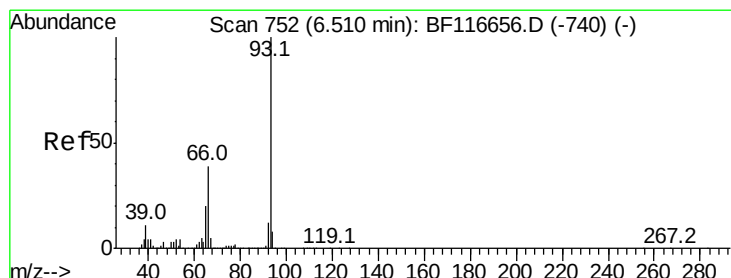
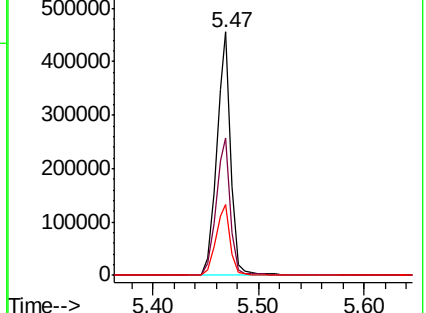
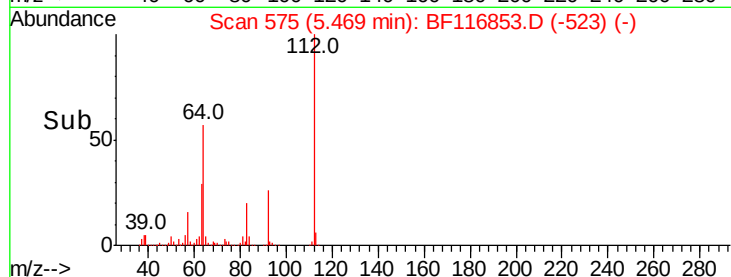
63 29.3 24.9 37.3



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: 40.192 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

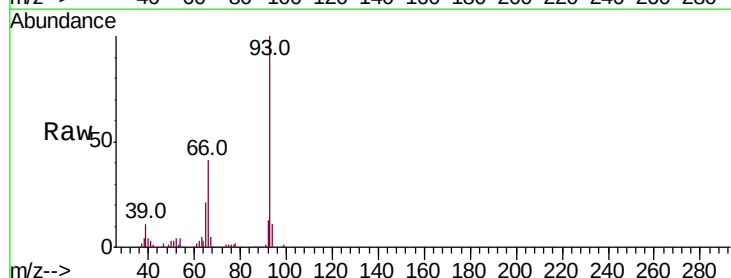
Tgt Ion: 93 Resp: 363173

Ion Ratio Lower Upper

93 100

66 41.0 32.7 49.1

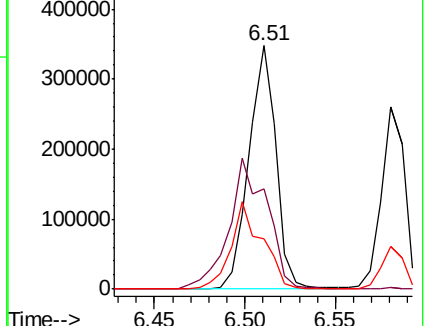
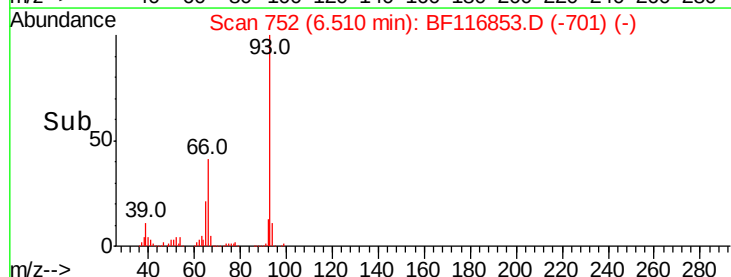
65 20.6 16.3 24.5

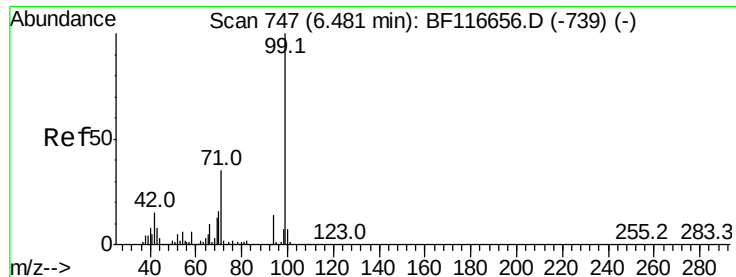


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.167 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

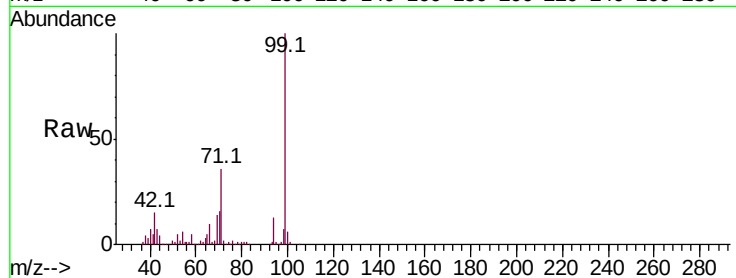
Tot Ion: 99 Resp: 555626

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

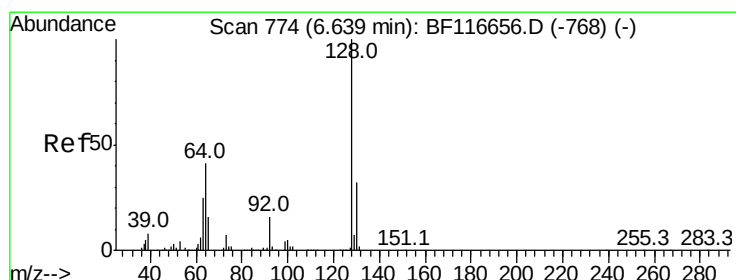
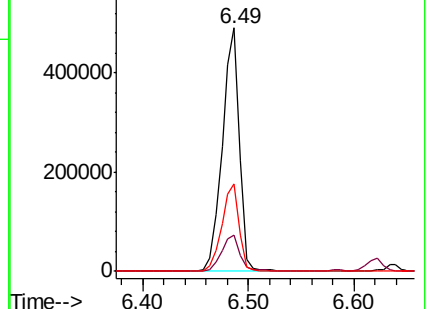
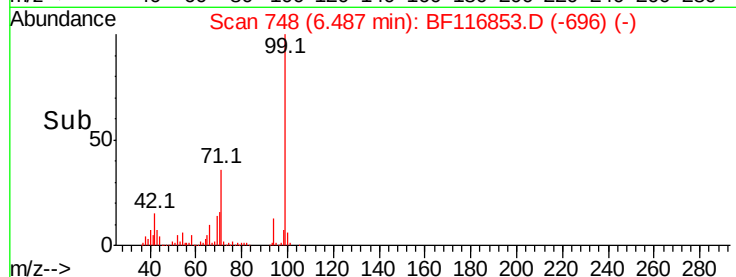
71 35.8 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.895 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

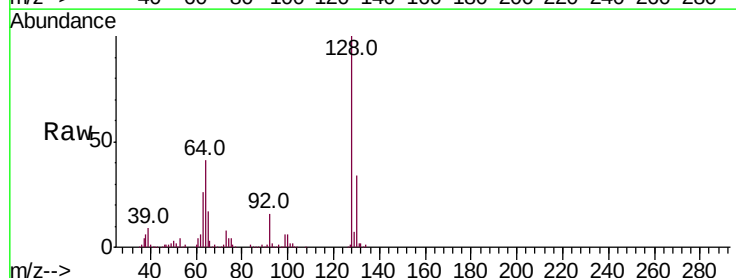
Tgt Ion: 128 Resp: 232648

Ion Ratio Lower Upper

128 100

130 33.5 12.3 52.3

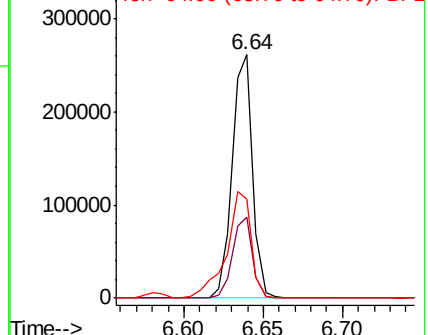
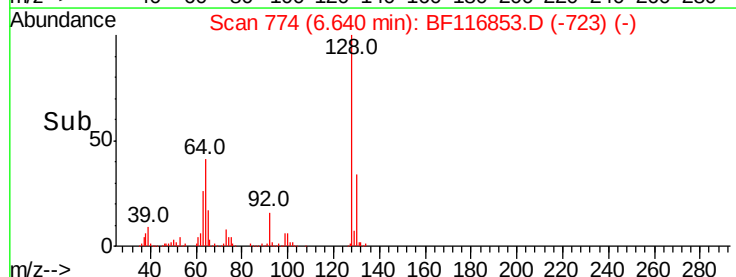
64 40.8 22.5 62.5

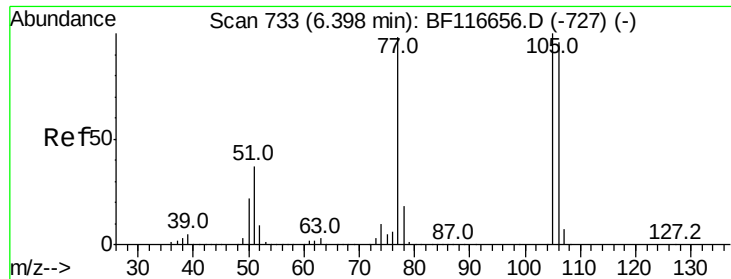


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.193 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

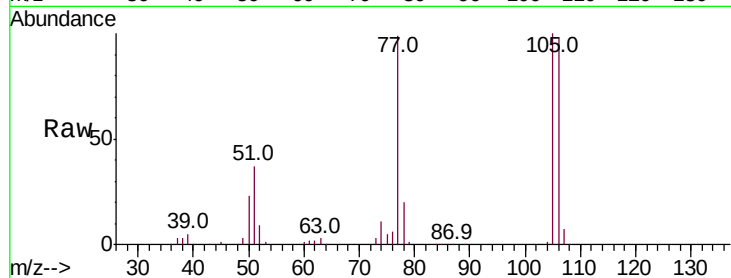
Tot Ion: 77 Resp: 164156

Ion Ratio Lower Upper

77 100

105 101.1 76.7 116.7

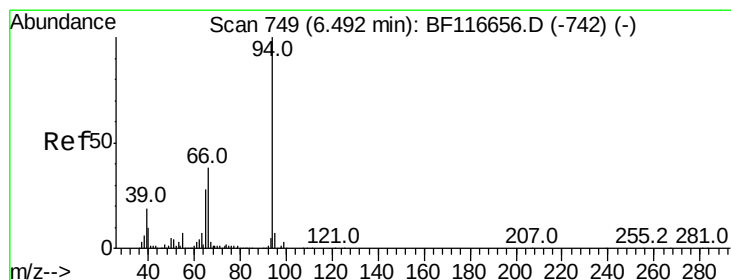
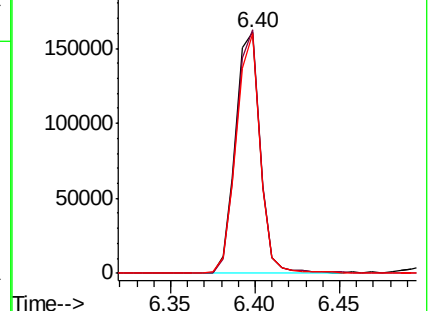
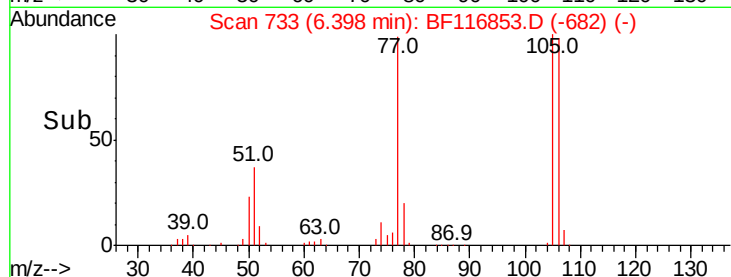
106 99.4 73.1 113.1



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: 41.952 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

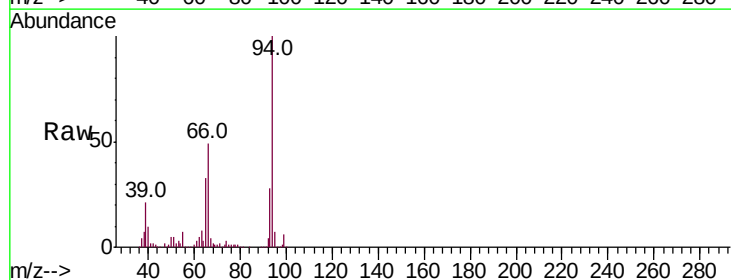
Tgt Ion: 94 Resp: 303069

Ion Ratio Lower Upper

94 100

65 32.7 10.8 50.8

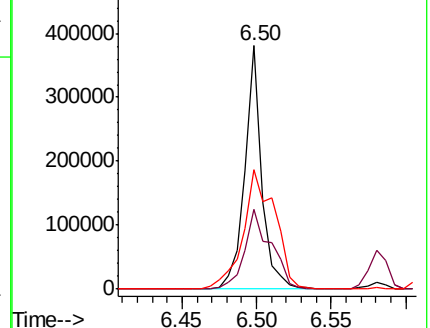
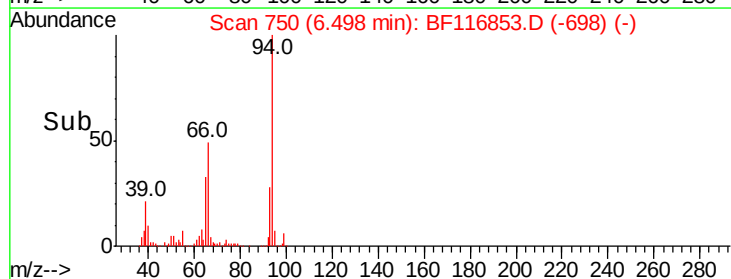
66 49.1 21.1 61.1

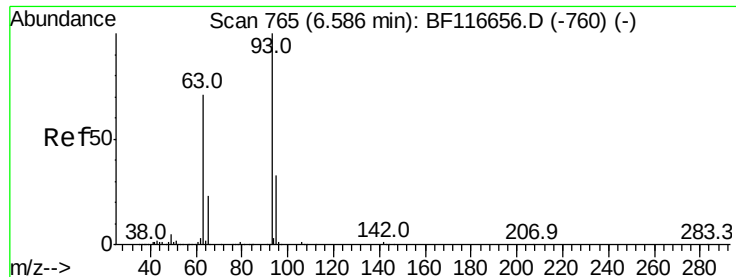


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

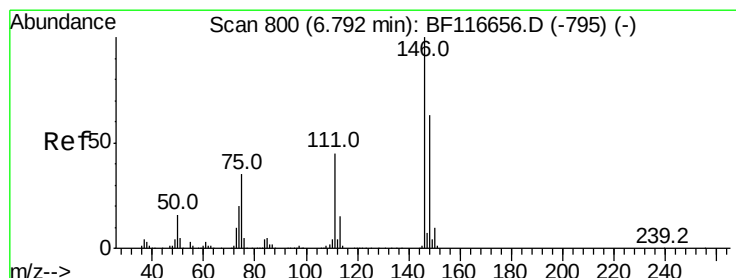
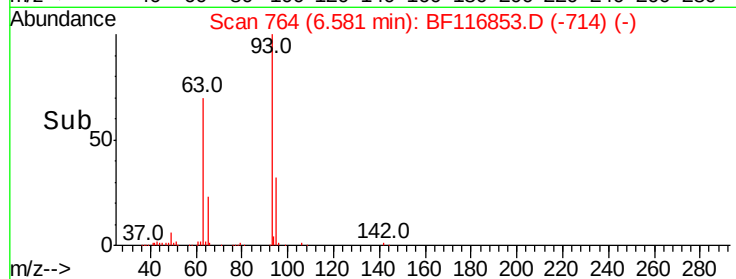
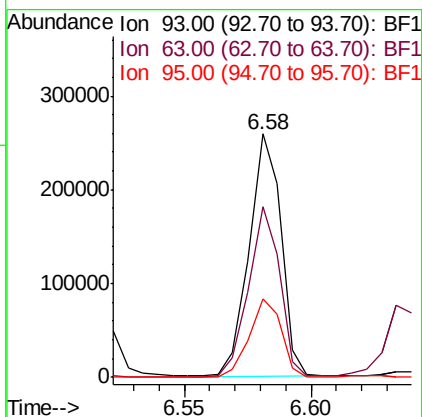
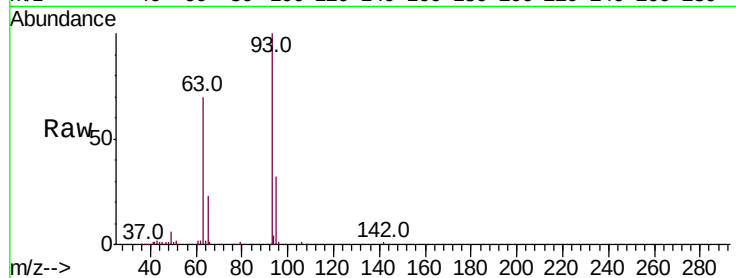




#11
bis(2-Chloroethyl)ether
Concen: 40.480 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

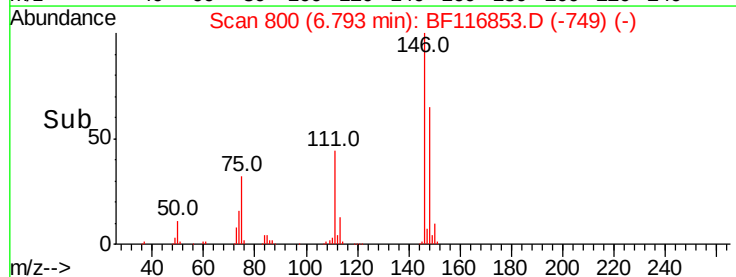
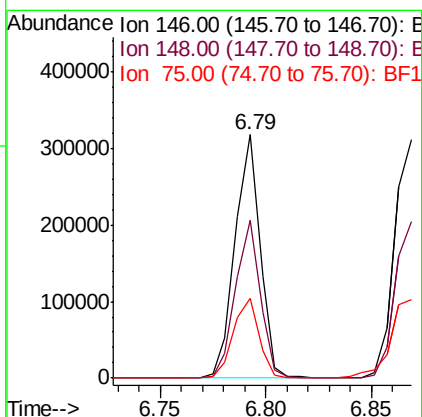
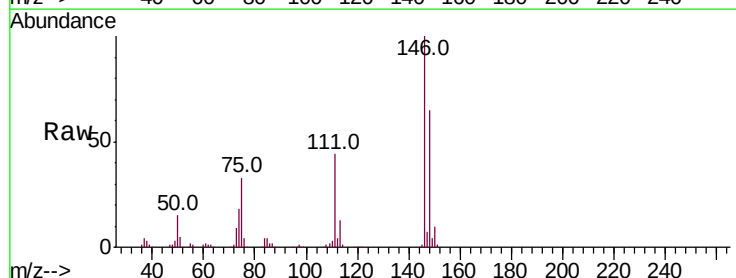
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

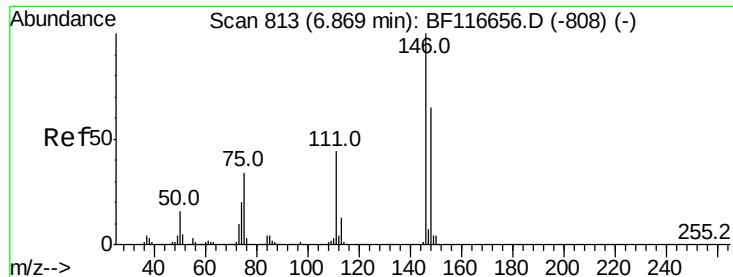
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.3	49.9	89.9
95	32.0	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 42.619 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
75	32.7	29.6	44.4

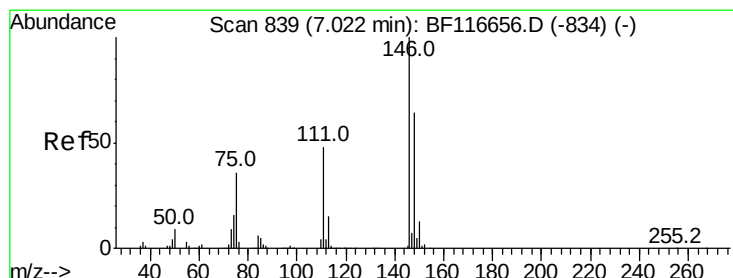
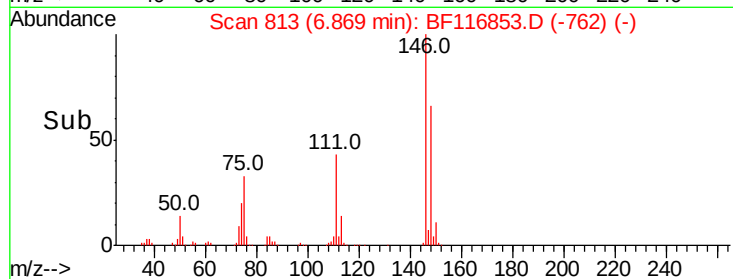
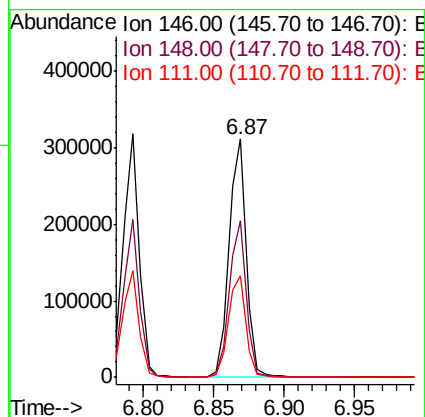
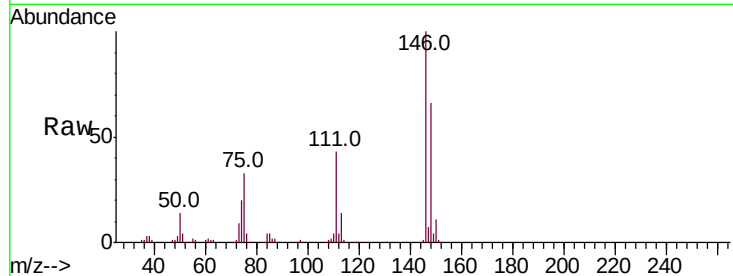




#13
 1,4-Dichlorobenzene
 Concen: 43.151 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

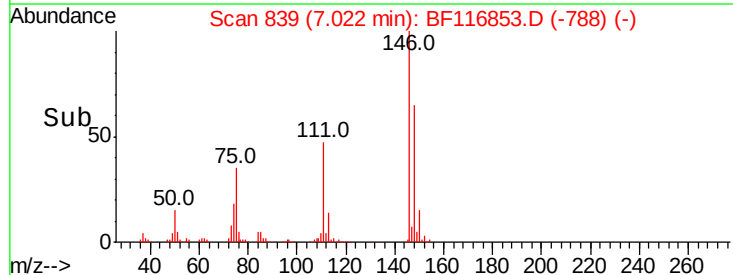
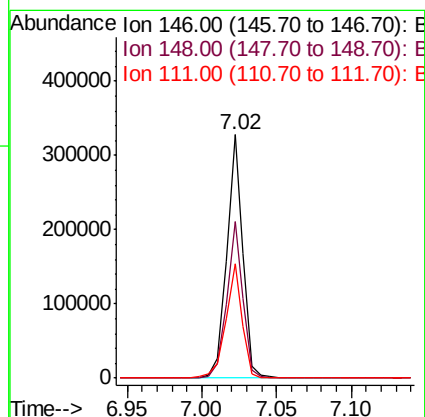
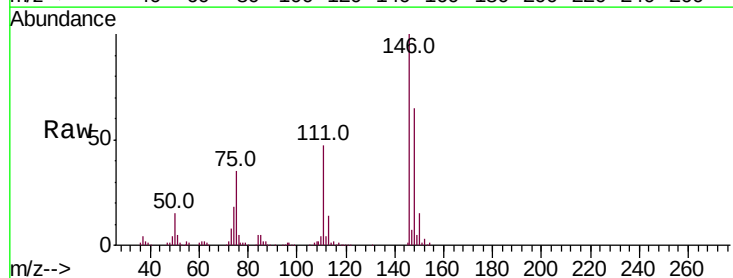
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

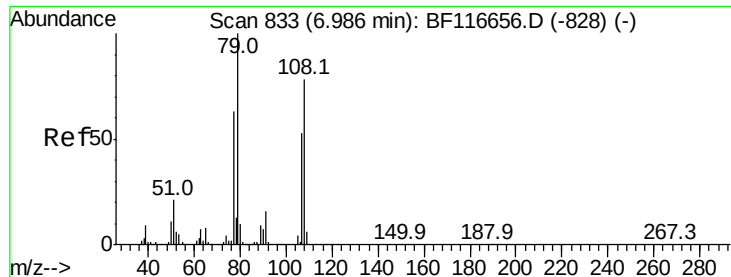
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.4	77.2
111	42.6	34.8	52.2



#14
 1,2-Dichlorobenzene
 Concen: 44.217 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.6	78.8
111	47.0	34.2	51.4





#15

Benzyl Alcohol

Concen: 42.140 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

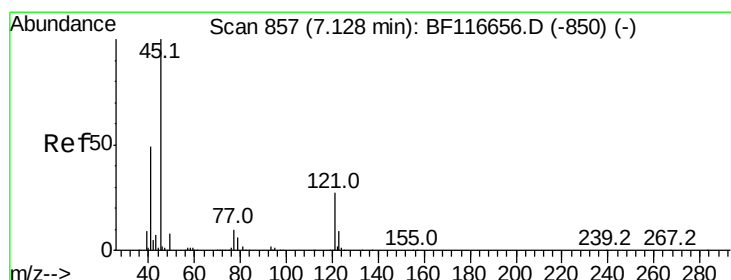
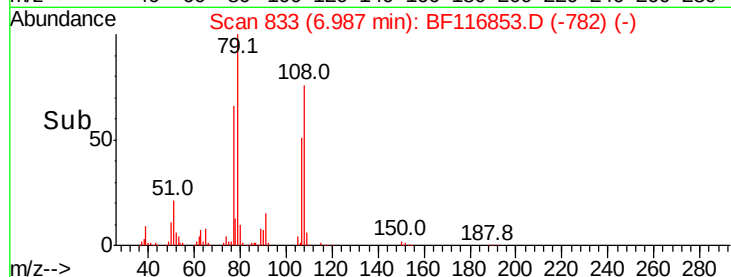
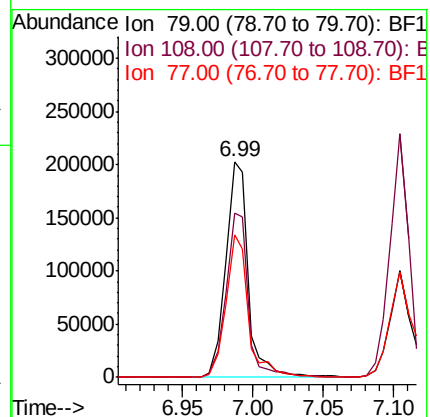
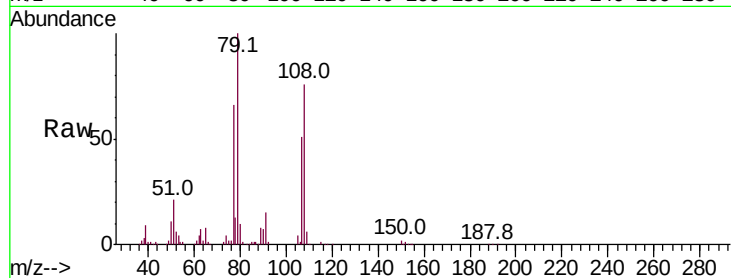
Tot Ion: 79 Resp: 223164

Ion Ratio Lower Upper

79 100

108 76.2 59.2 88.8

77 66.2 53.0 79.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.383 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

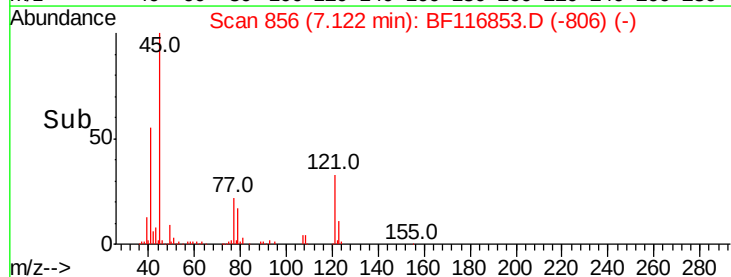
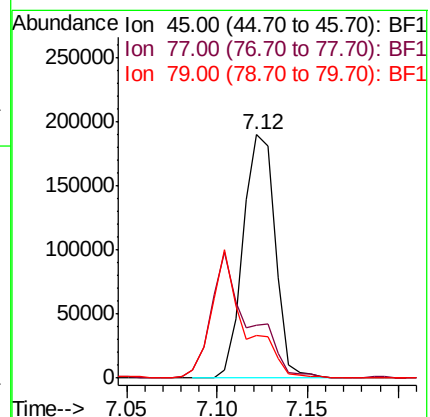
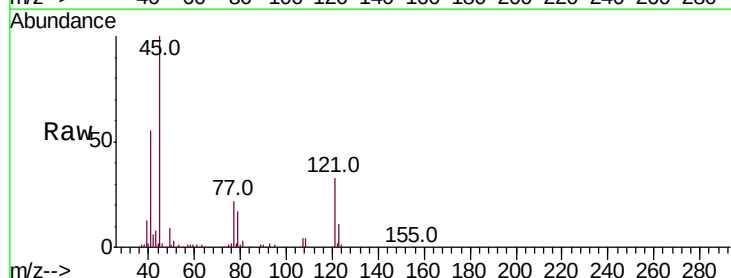
Tgt Ion: 45 Resp: 233516

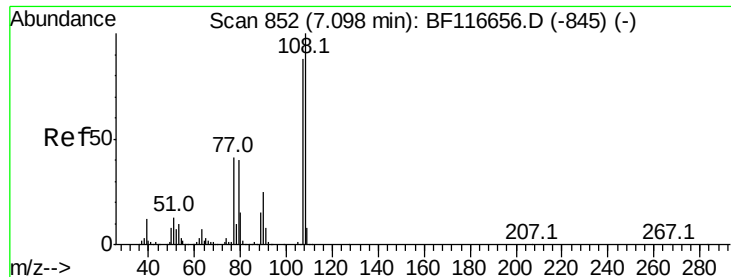
Ion Ratio Lower Upper

45 100

77 21.7 0.0 38.2

79 17.3 0.0 33.9

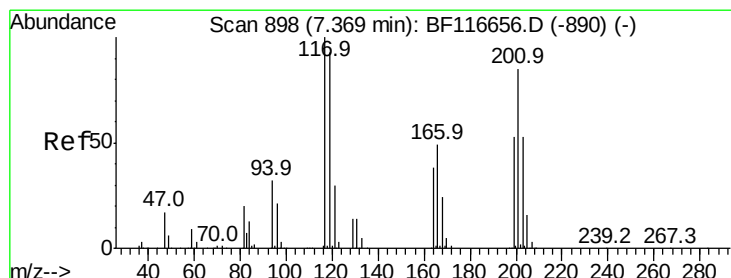
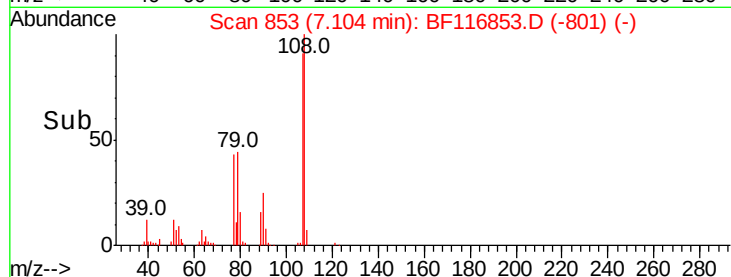
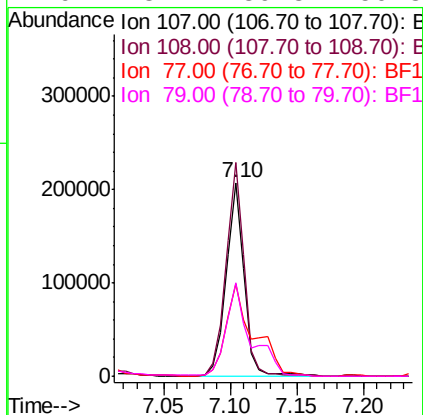
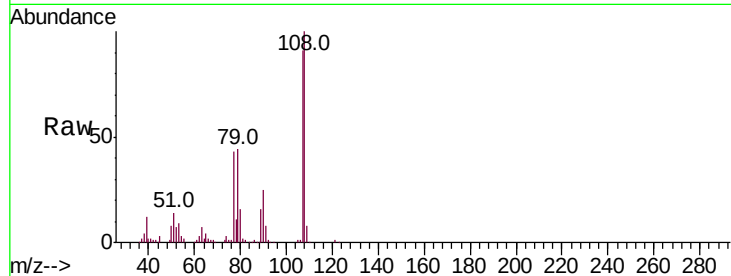




#17
2-Methylphenol
Concen: 41.247 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

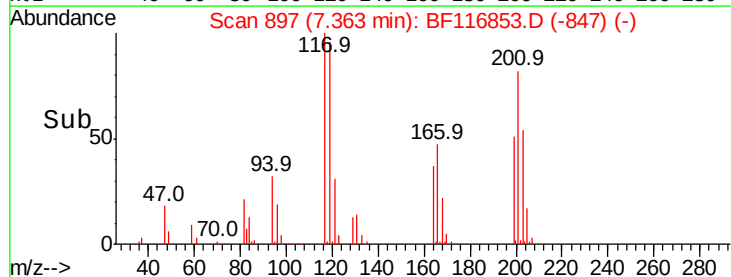
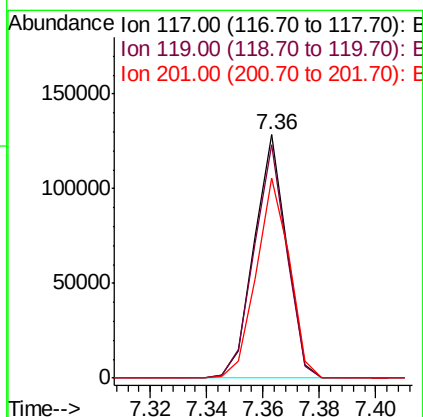
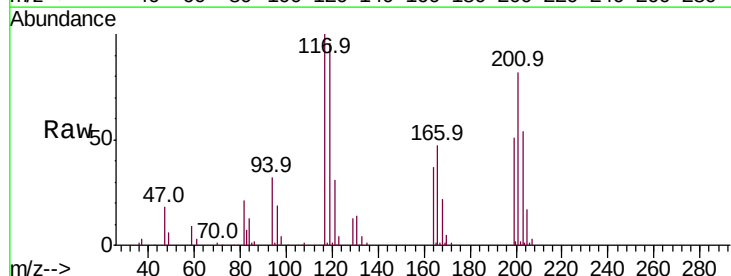
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

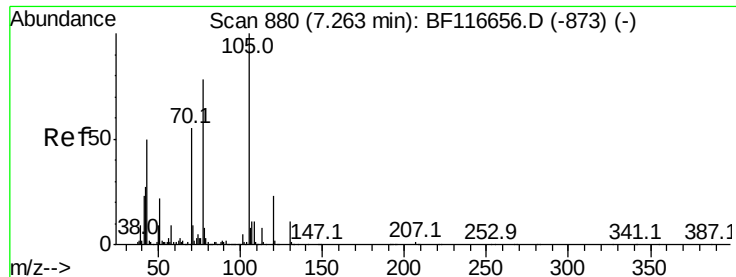
Tot Ion:	107	Resp:	195835
Ion	Ratio	Lower	Upper
107	100		
108	110.2	88.3	132.5
77	47.5	39.9	59.9
79	48.2	39.8	59.8



#18
Hexachloroethane
Concen: 43.161 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion:	117	Resp:	102337
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.9	115.3
201	82.0	79.4	119.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.100 ng

RT: 7.26 min Scan# 880

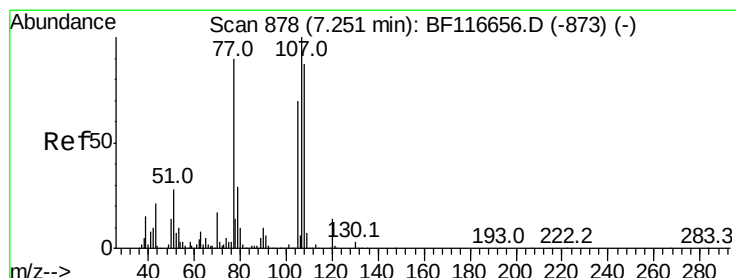
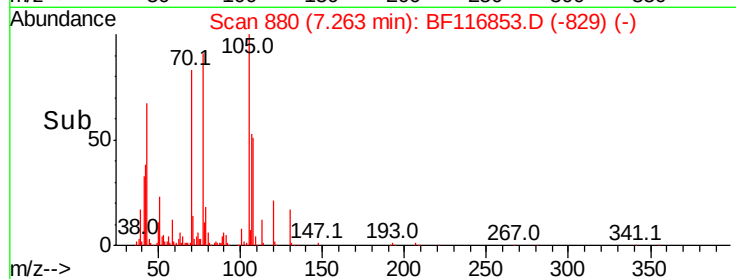
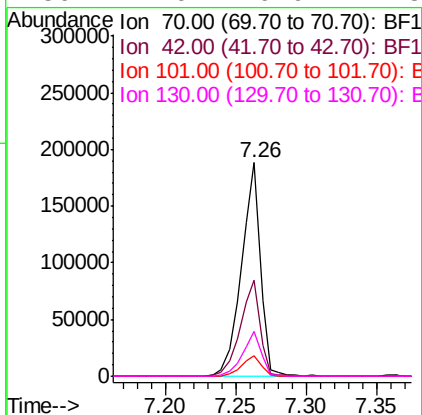
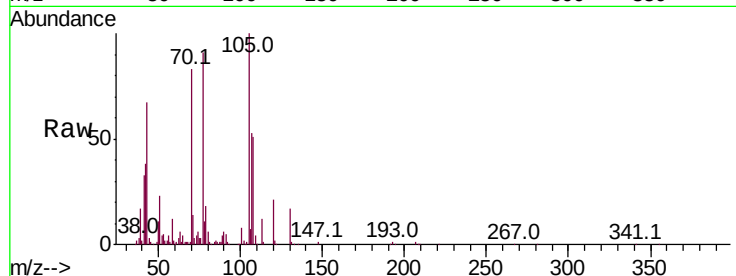
Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	176548
Ion	Ratio	Lower	Upper
70	100		
42	45.2	43.5	65.3
101	9.6	7.8	11.6
130	21.0	16.6	24.8



#20

3+4-Methylphenols

Concen: 45.150 ng

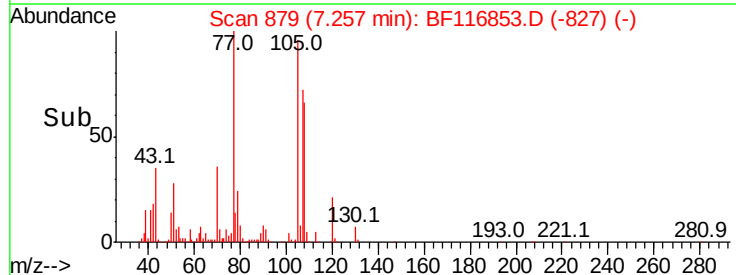
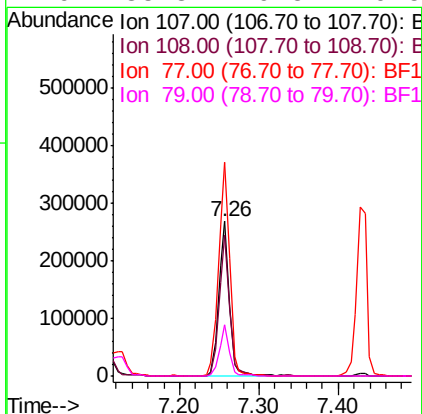
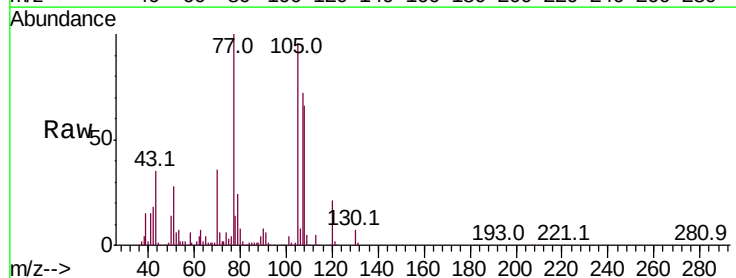
RT: 7.26 min Scan# 879

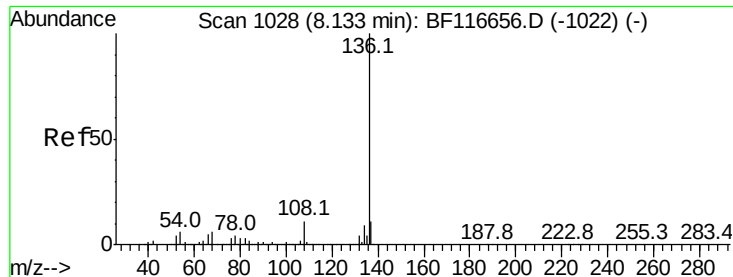
Delta R.T. 0.01 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Tgt Ion:	107	Resp:	249244
Ion	Ratio	Lower	Upper
107	100		
108	91.0	65.5	105.5
77	138.1	69.4	109.4#
79	33.3	9.5	49.5

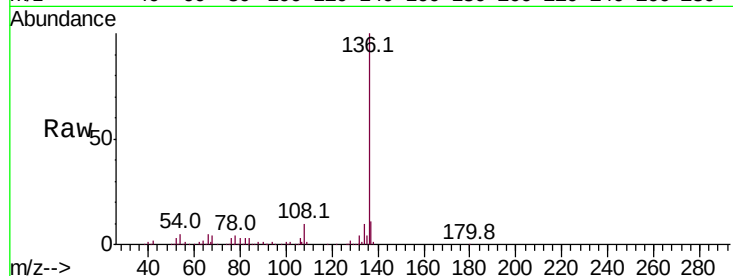




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	336034
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 5.2	4.8	7.2
68 4.3	4.0	6.0



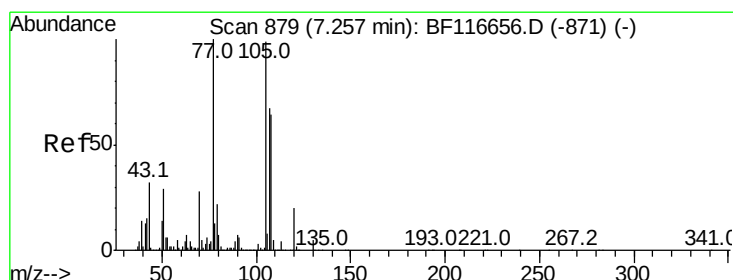
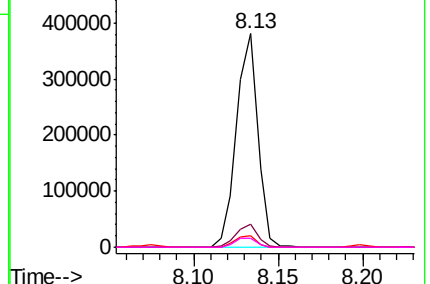
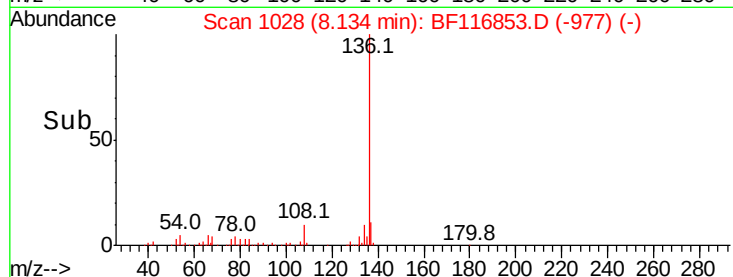
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

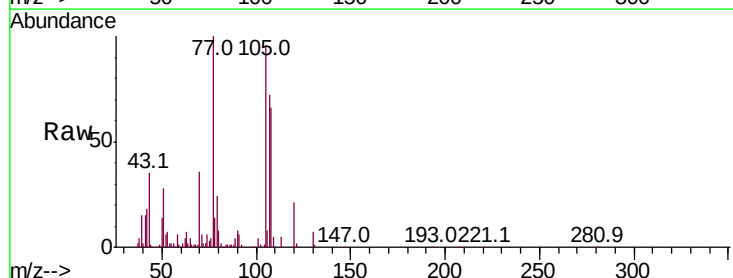
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.011 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion	Ion:105	Resp:	356051
Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.2	6.4
51	29.4	25.8	38.8
120	21.4	16.4	24.6



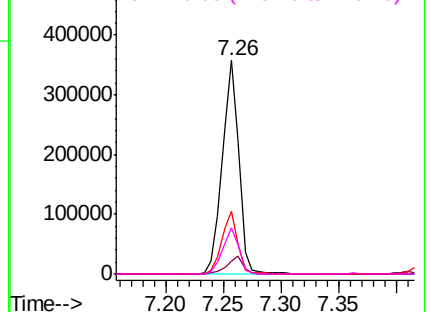
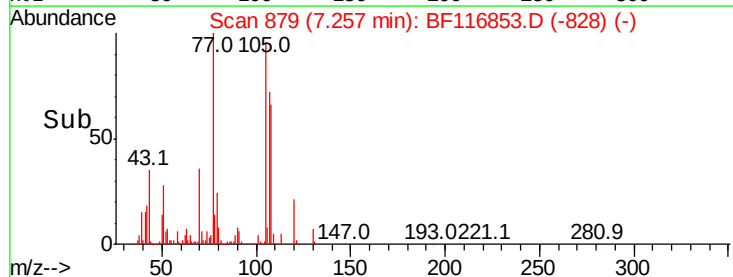
Abundance

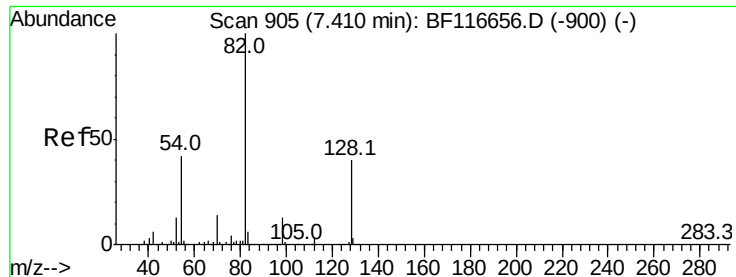
Ion 105.00 (104.70 to 105.70): E

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

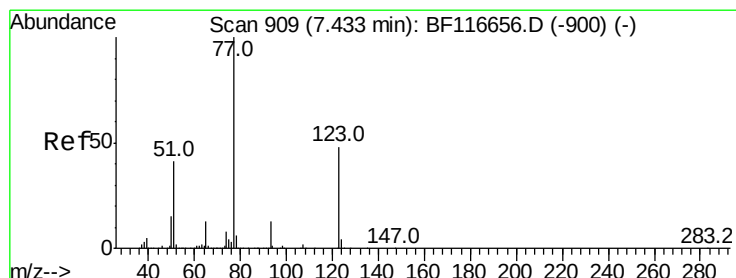
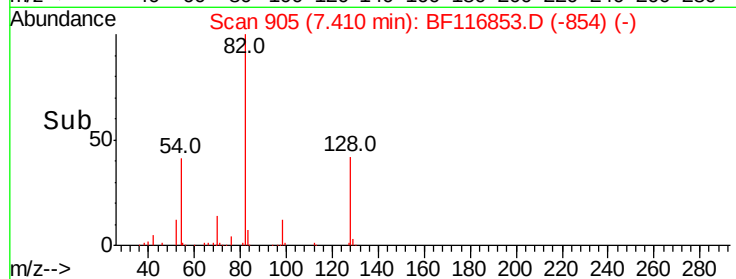
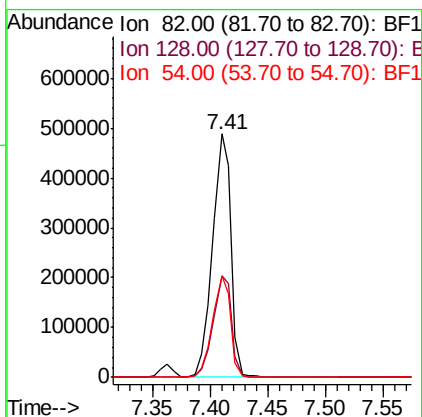
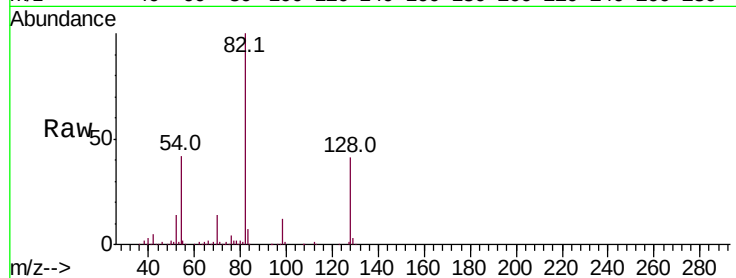




#23
 Nitrobenzene-d5
 Concen: 91.875 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

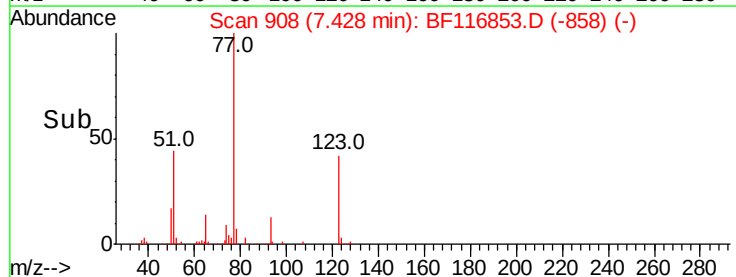
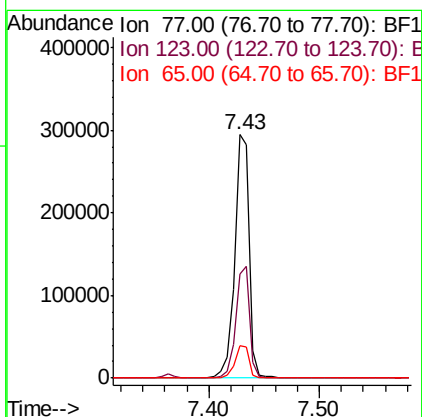
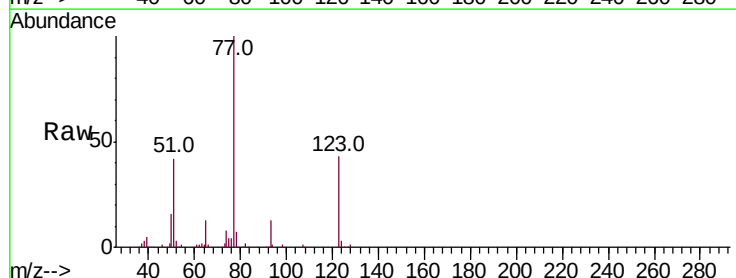
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

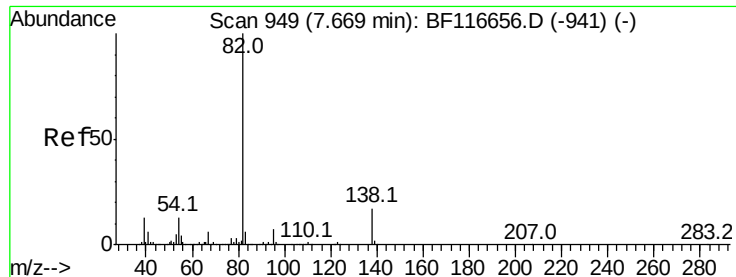
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.8	49.2
54	41.8	36.9	55.3



#24
 Nitrobenzene
 Concen: 45.301 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	33.1	49.7
65	13.2	10.6	15.8





#25

Isophorone

Concen: 40.184 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

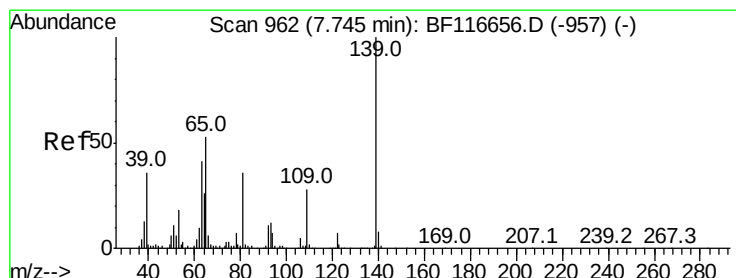
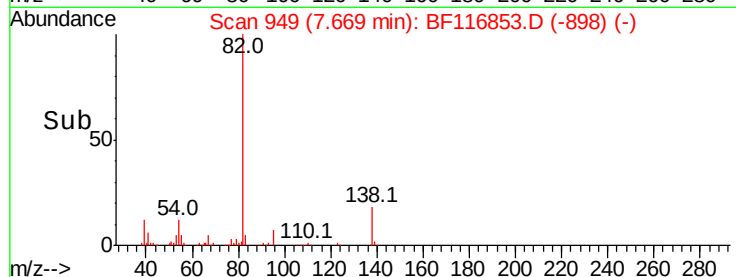
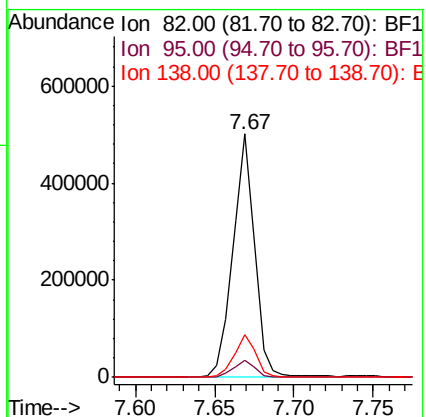
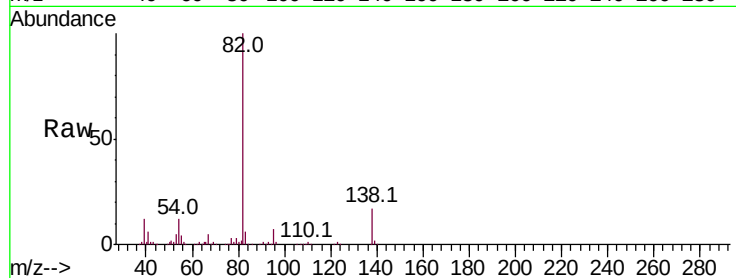
Tot Ion: 82 Resp: 479306

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 17.3 13.5 20.3



#26

2-Nitrophenol

Concen: 52.989 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

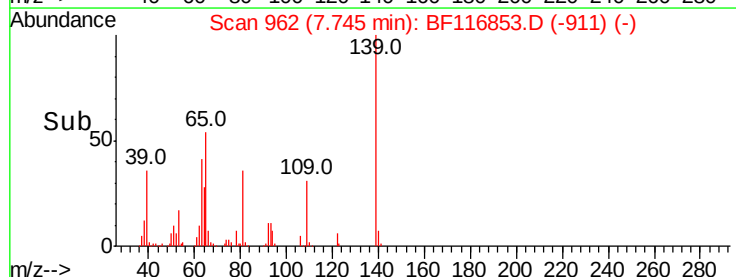
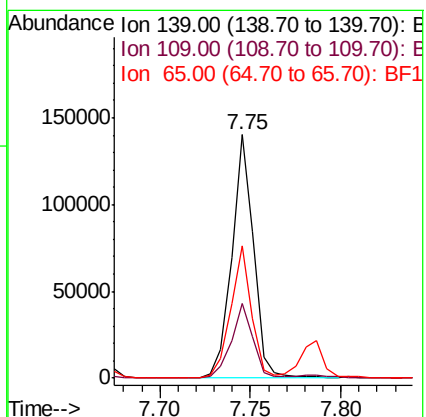
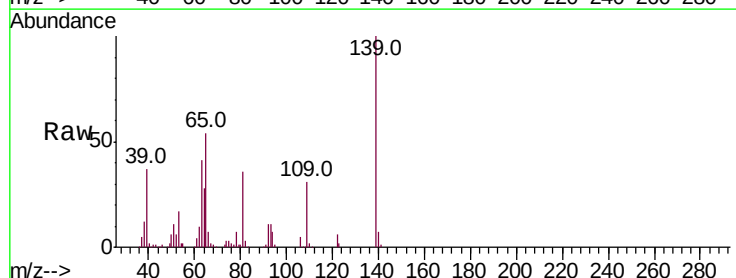
Tgt Ion: 139 Resp: 117938

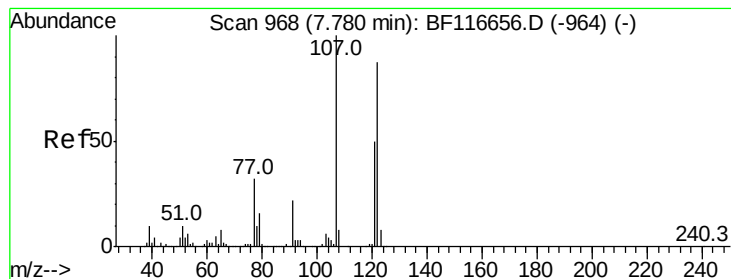
Ion Ratio Lower Upper

139 100

109 30.7 27.1 40.7

65 54.5 43.0 64.6

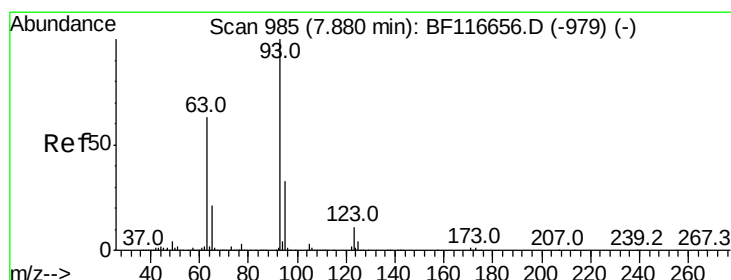
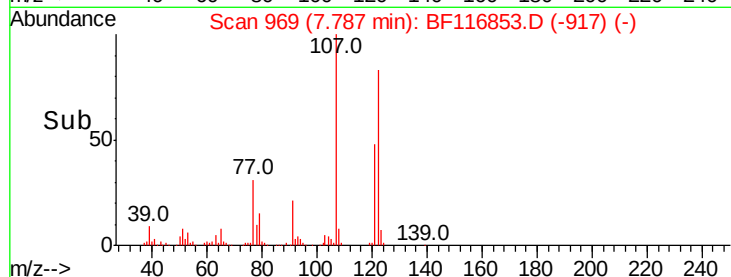
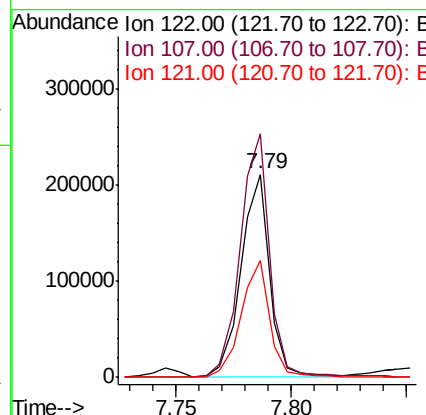
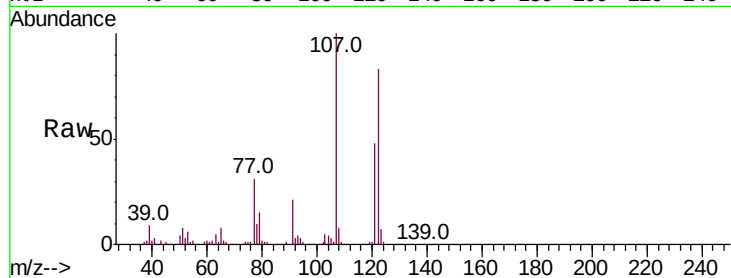




#27
2,4-Dimethylphenol
Concen: 40.254 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

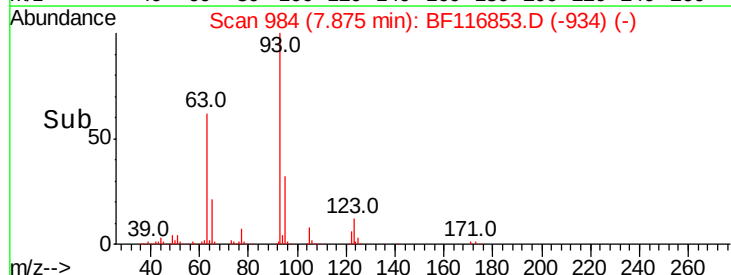
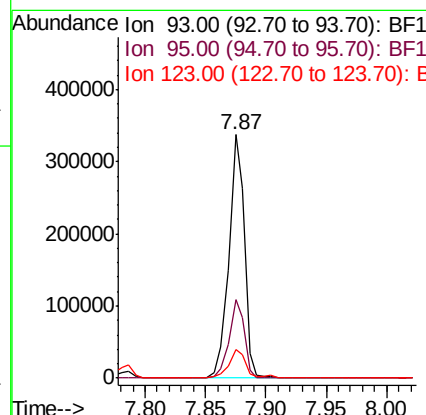
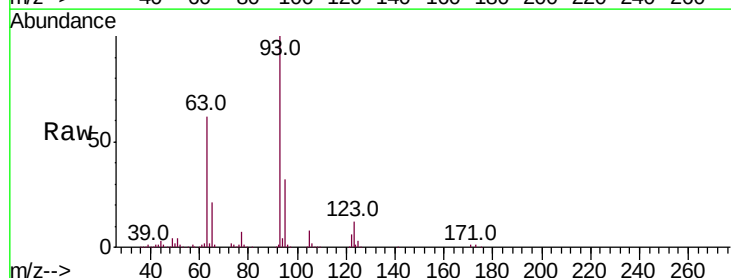
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

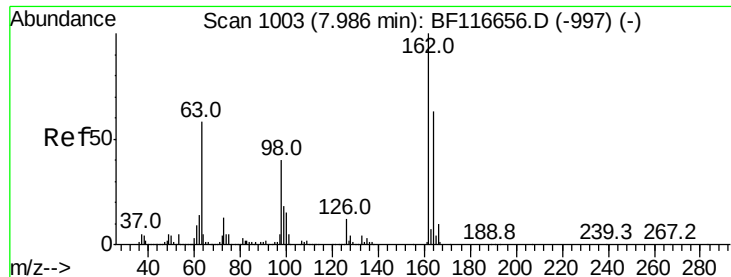
Tot Ion:122 Resp: 180946
Ion Ratio Lower Upper
122 100
107 119.9 98.1 147.1
121 57.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 41.126 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion: 93 Resp: 299765
Ion Ratio Lower Upper
93 100
95 32.0 26.4 39.6
123 12.0 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 45.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

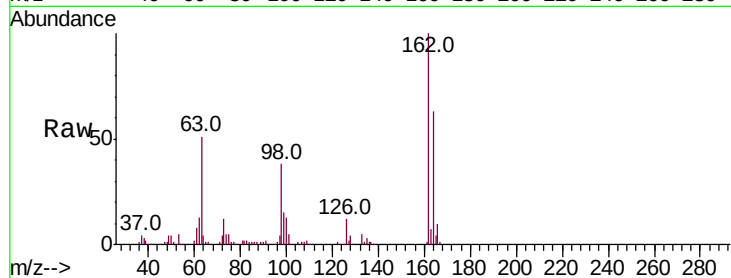
Tot Ion:162 Resp: 194395

Ion Ratio Lower Upper

162 100

164 62.6 43.4 83.4

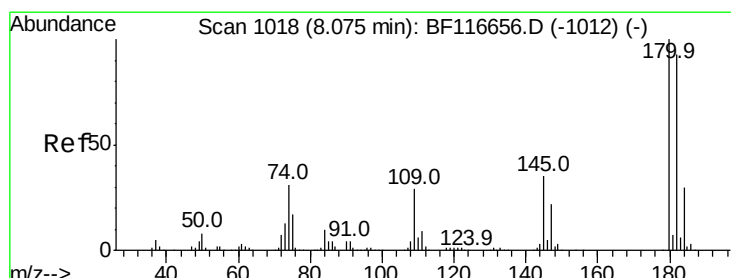
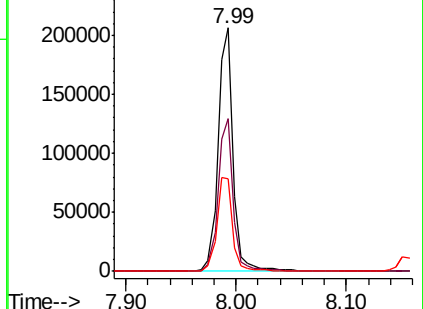
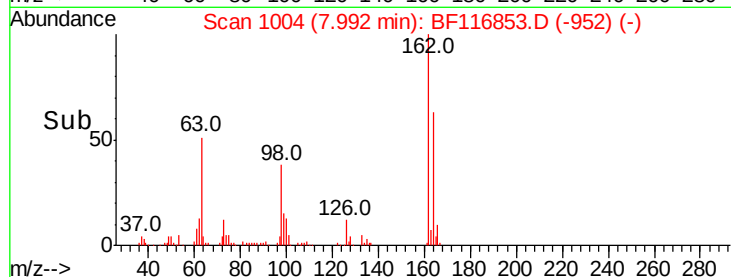
98 37.8 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 43.891 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

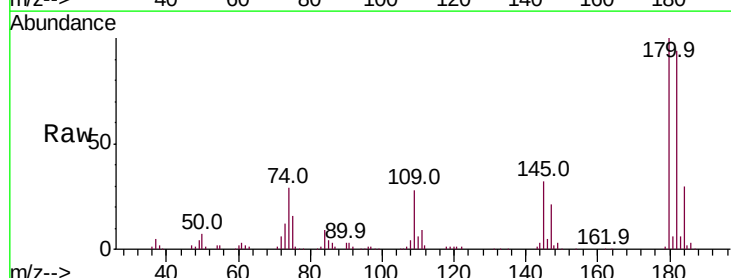
Tgt Ion:180 Resp: 205651

Ion Ratio Lower Upper

180 100

182 93.7 78.6 118.0

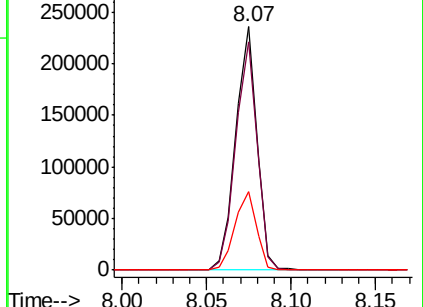
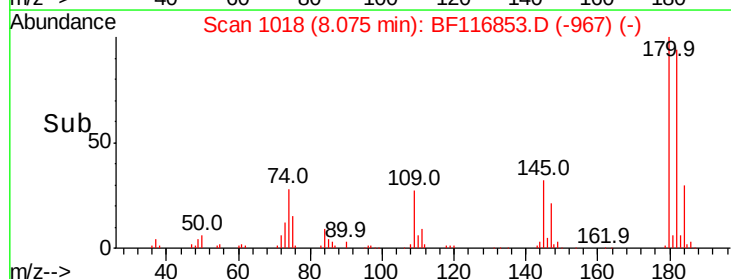
145 32.3 25.7 38.5

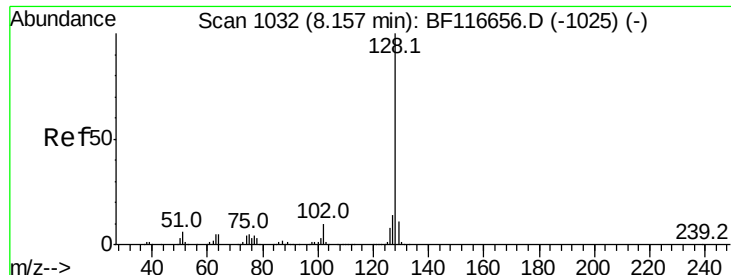


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

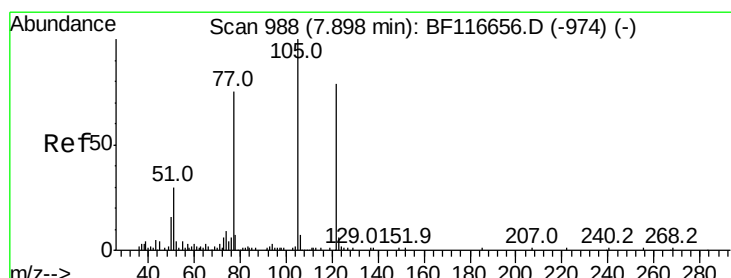
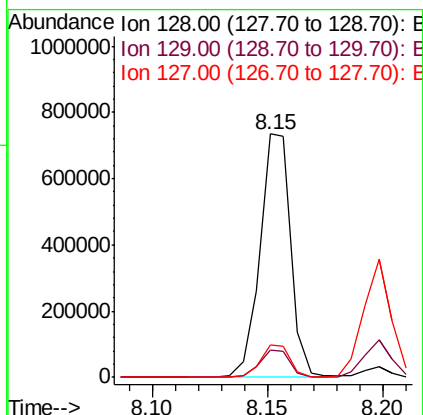
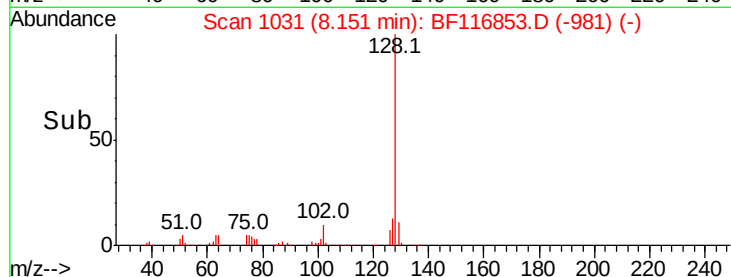
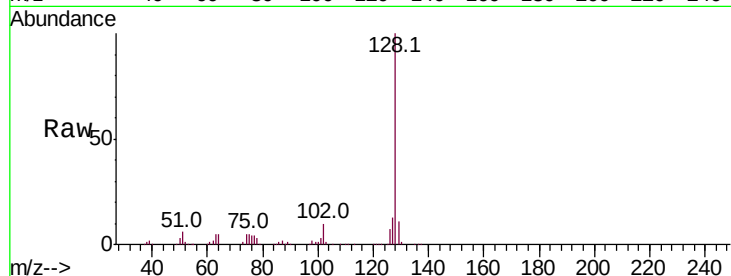




#31
Naphthalene
Concen: 42.661 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

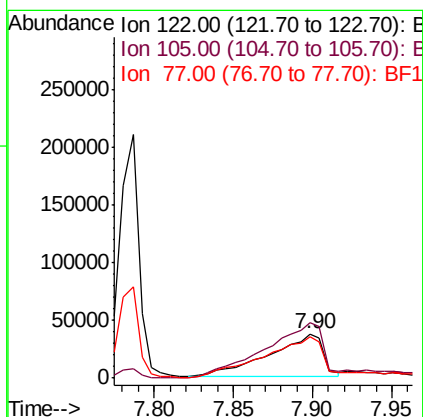
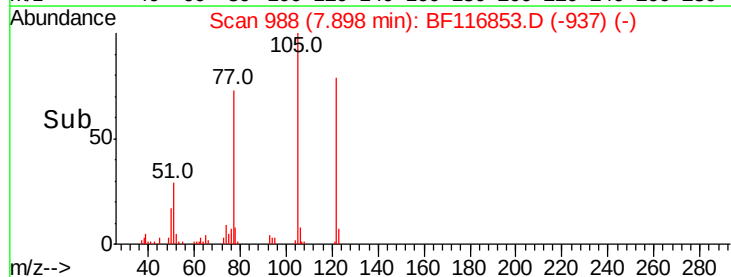
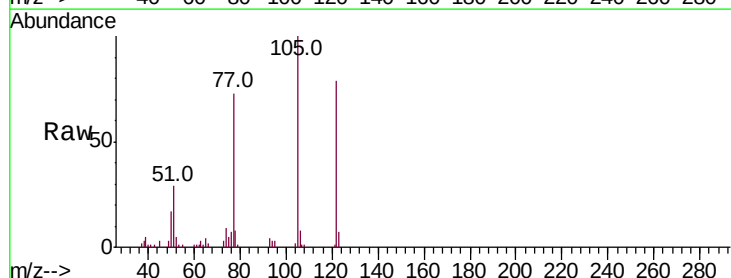
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

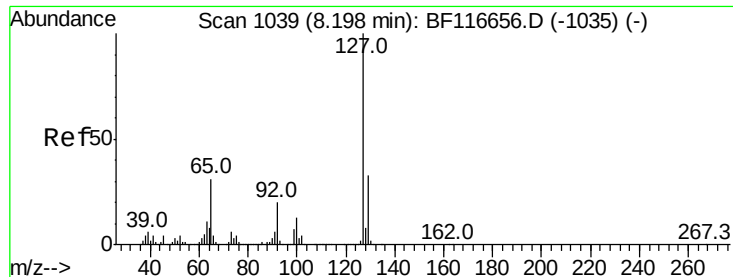
Tot Ion:128 Resp: 681662
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 33.287 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion:122 Resp: 84486
Ion Ratio Lower Upper
122 100
105 126.4 110.0 150.0
77 92.9 81.7 121.7

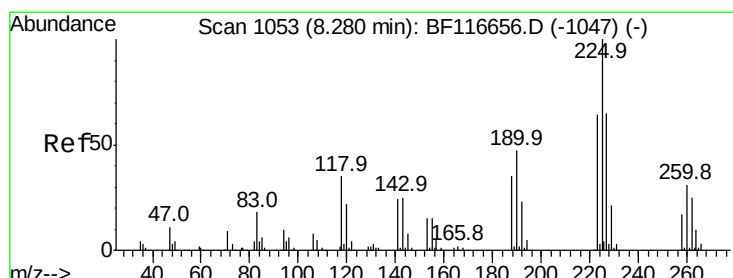
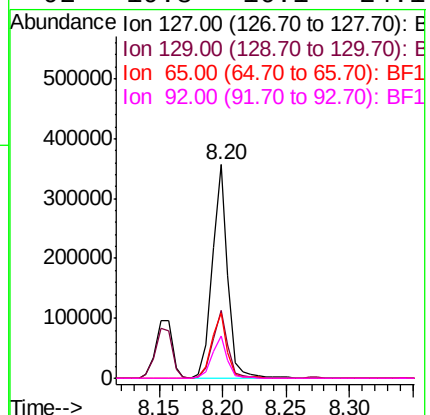
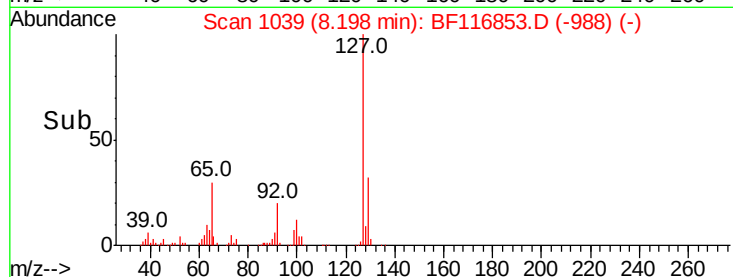
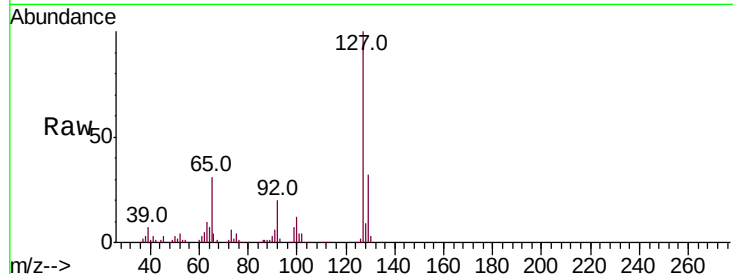




#33
4-Chloroaniline
Concen: 41.996 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

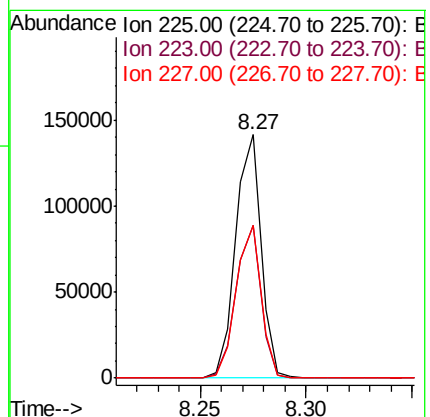
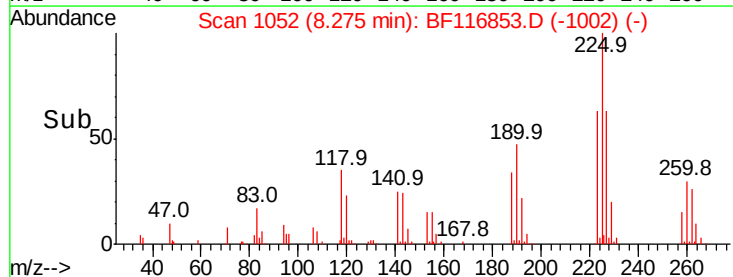
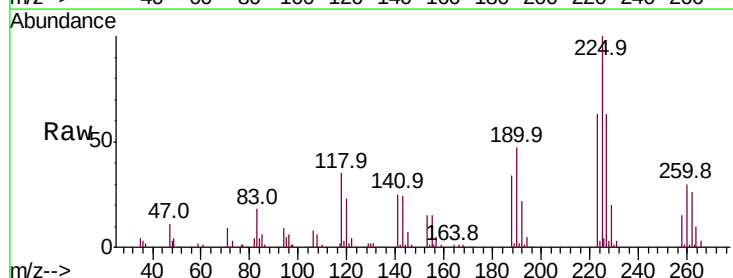
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

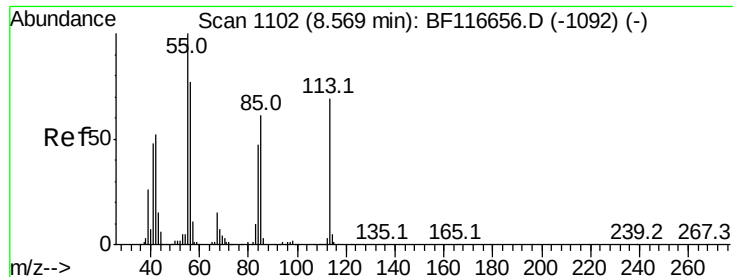
Tot Ion:	127	Resp:	305458
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	30.8	26.0	39.0
92	19.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.832 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion:	225	Resp:	117090
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.2
227	62.6	51.0	76.4





#35

Caprolactam

Concen: 38.715 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

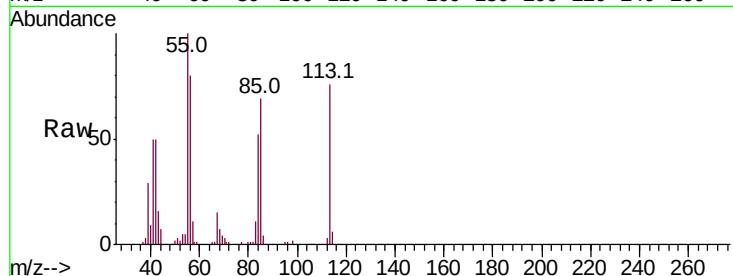
Tot Ion:113 Resp: 62590

Ion Ratio Lower Upper

113 100

55 132.3 124.3 164.3

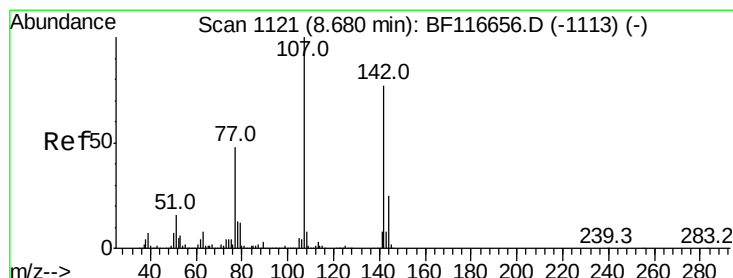
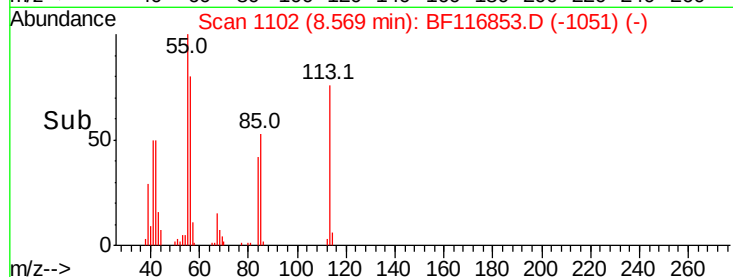
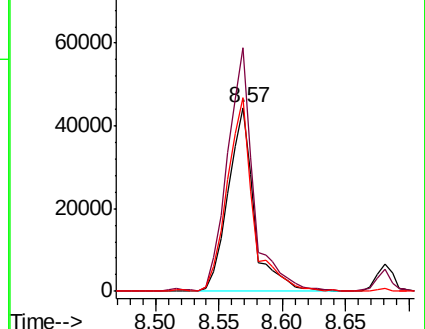
56 105.4 94.6 134.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.943 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

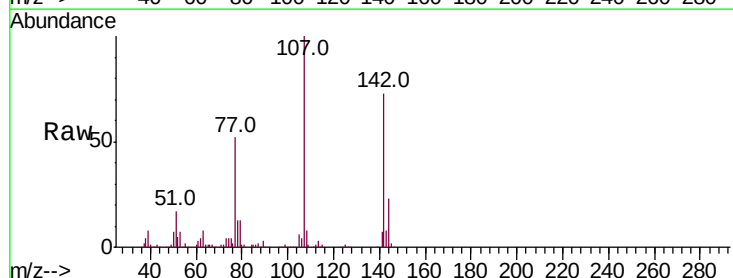
Tgt Ion:107 Resp: 218178

Ion Ratio Lower Upper

107 100

144 23.2 18.6 27.8

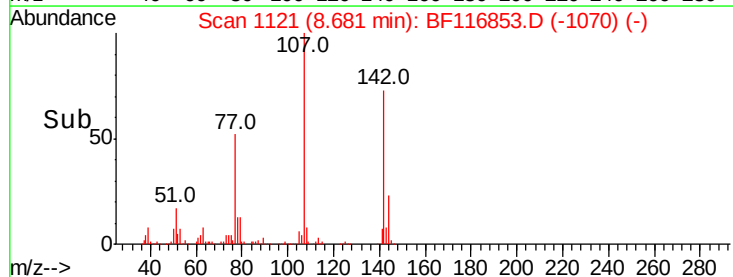
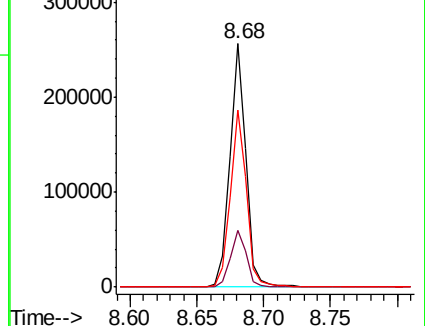
142 72.6 58.5 87.7

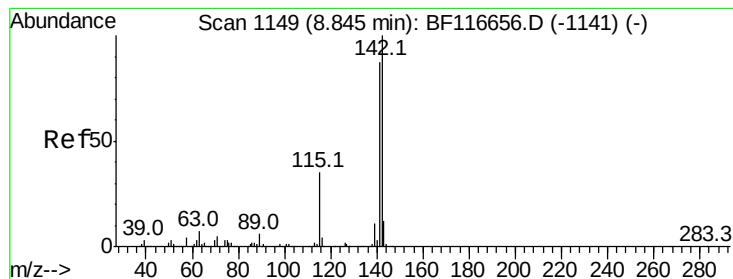


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.389 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

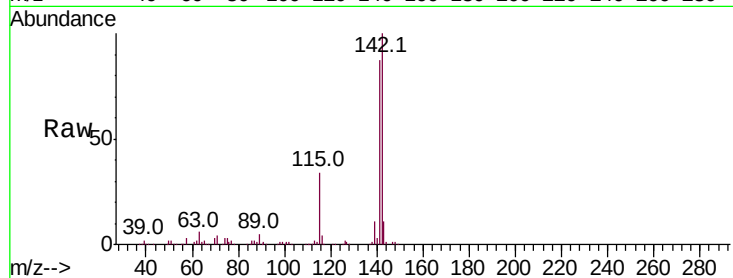
Tot Ion:142 Resp: 461286

Ion Ratio Lower Upper

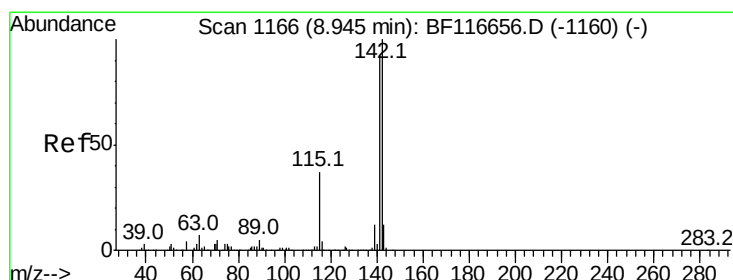
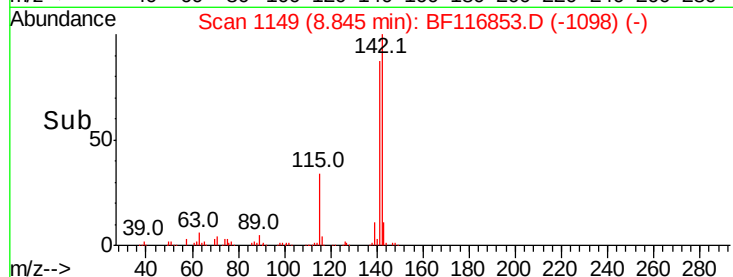
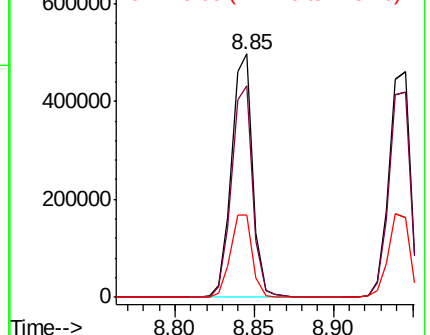
142 100

141 87.1 72.6 109.0

115 33.7 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.045 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

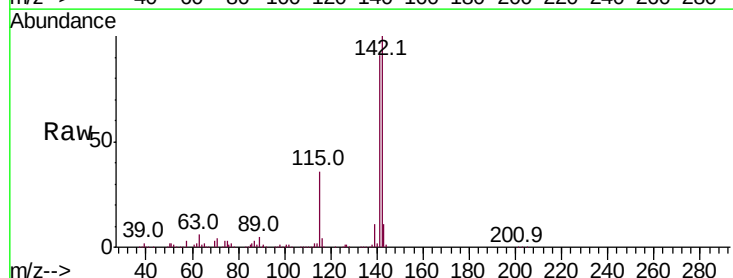
Tgt Ion:142 Resp: 432003

Ion Ratio Lower Upper

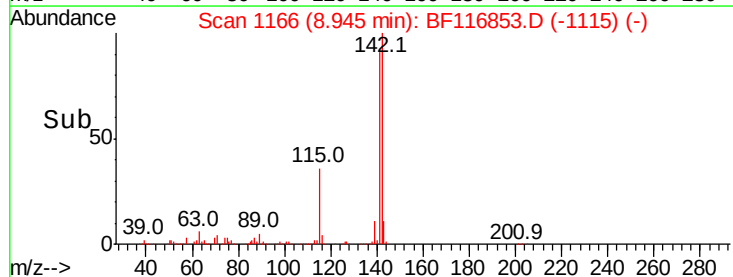
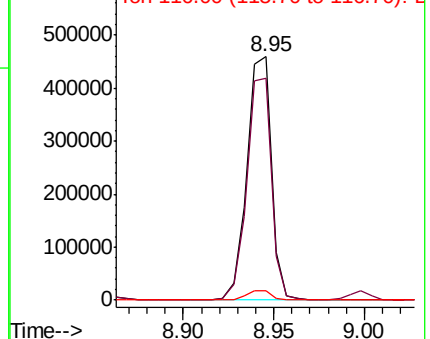
142 100

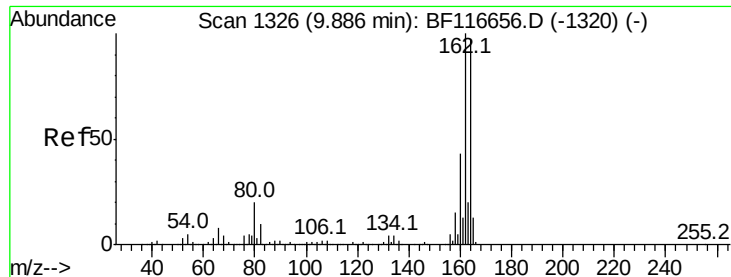
141 91.2 73.9 110.9

116 3.8 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

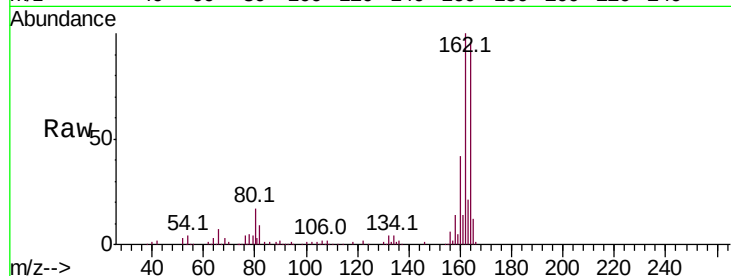
Tot Ion:164 Resp: 170489

Ion Ratio Lower Upper

164 100

162 103.8 81.4 122.0

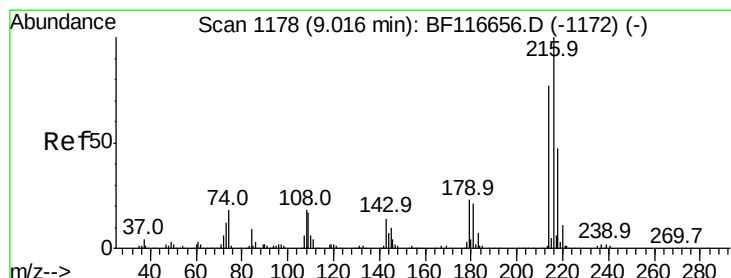
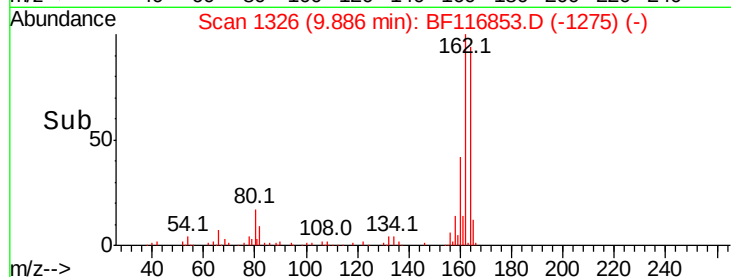
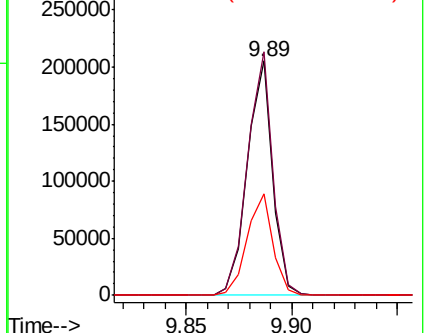
160 43.3 35.4 53.2



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: 45.537 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Tgt Ion:216 Resp: 186107

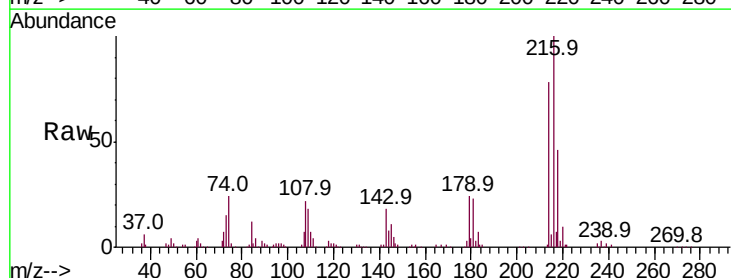
Ion Ratio Lower Upper

216 100

214 79.2 62.7 94.1

179 23.8 19.3 28.9

108 22.7 16.6 25.0

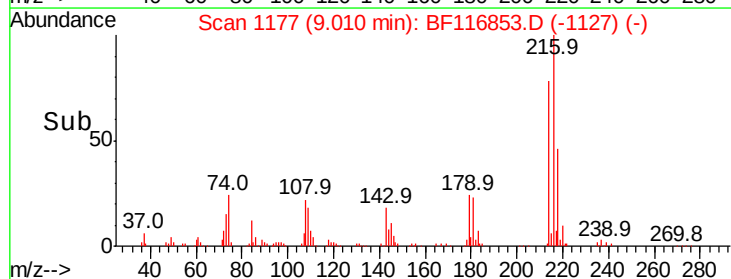
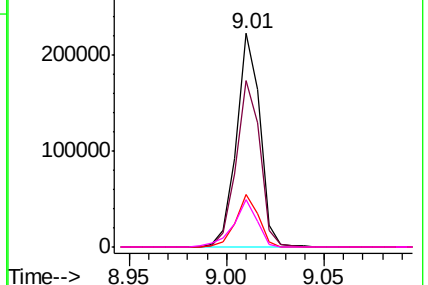


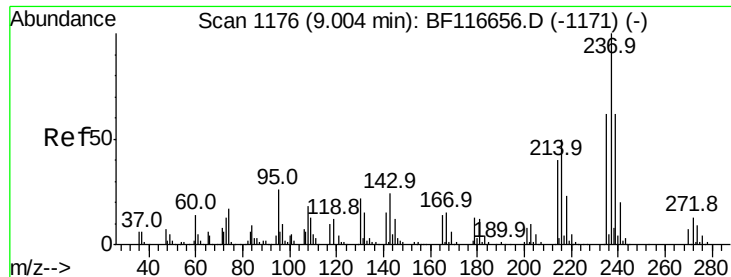
Abundance Ion 216.00 (215.70 to 216.70): E

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

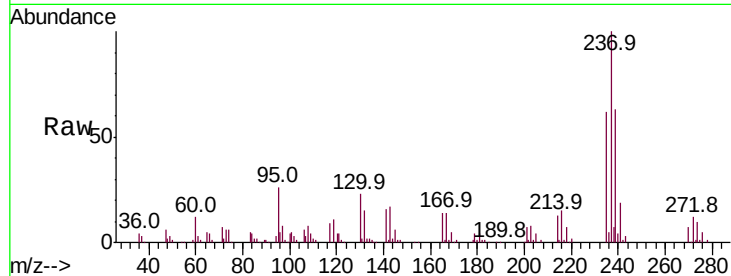




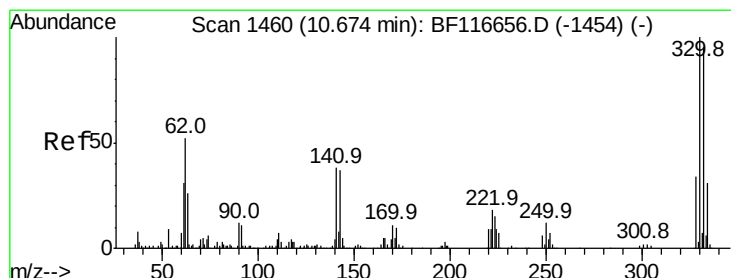
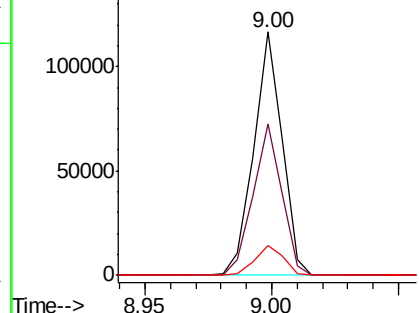
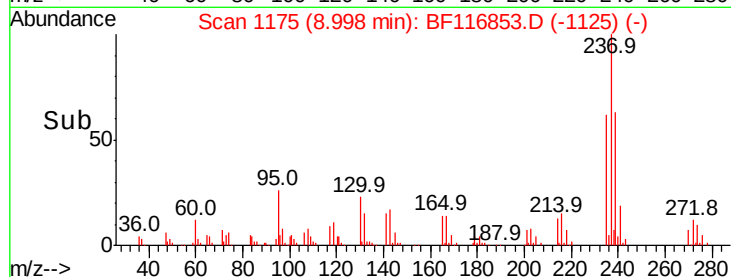
#41
Hexachlorocyclopentadiene
Concen: 38.603 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.4	41.4	81.4
272	12.4	0.0	32.8

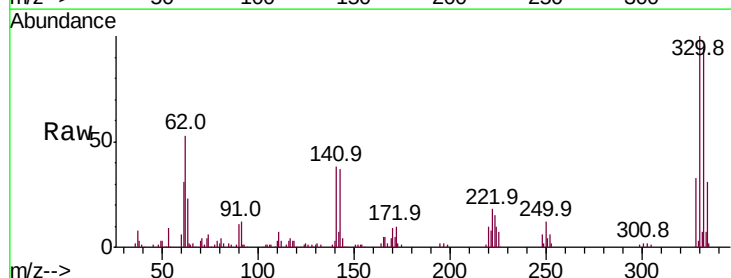


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

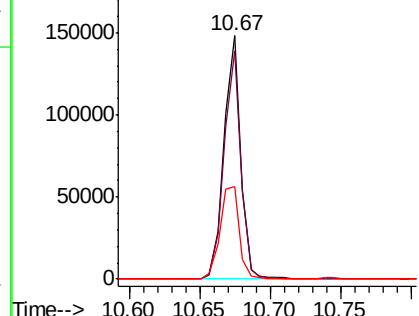
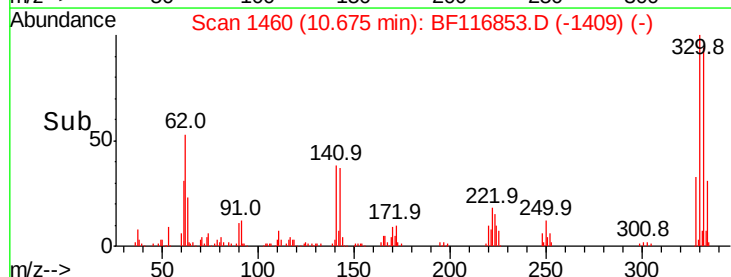


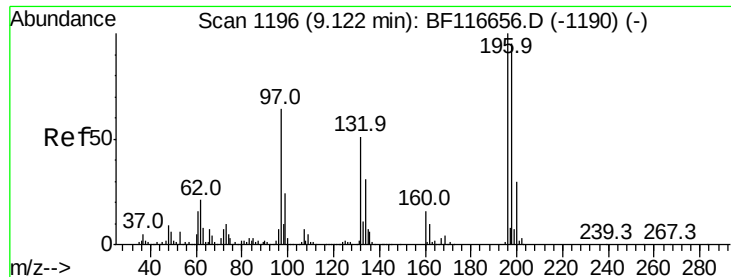
#42
2,4,6-Tribromophenol
Concen: 107.199 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.9	115.3
141	43.7	31.4	47.2



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

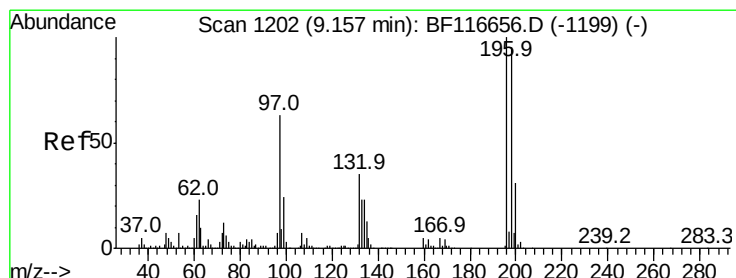
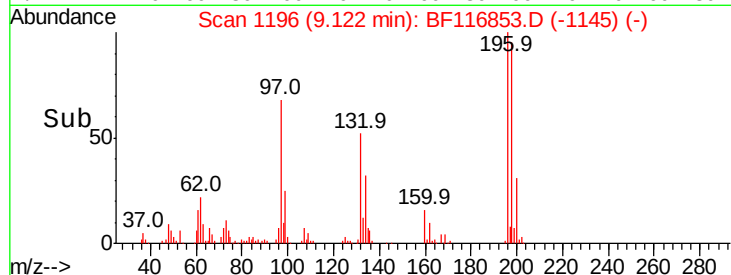
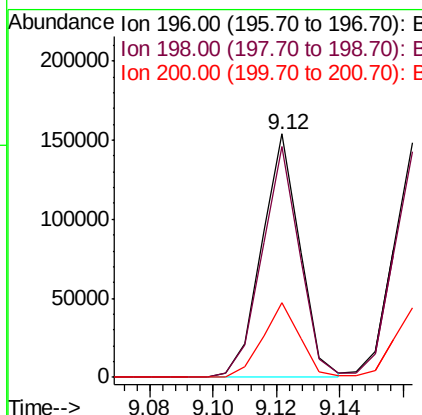
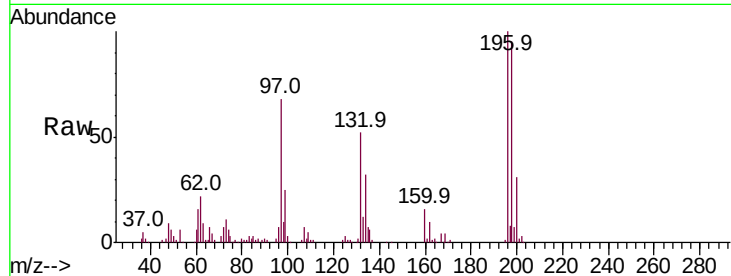




#43
 2,4,6-Trichlorophenol
 Concen: 45.986 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

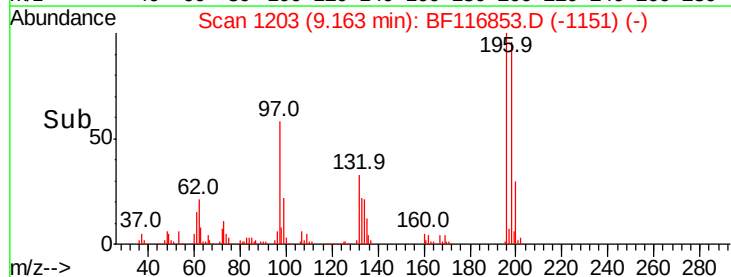
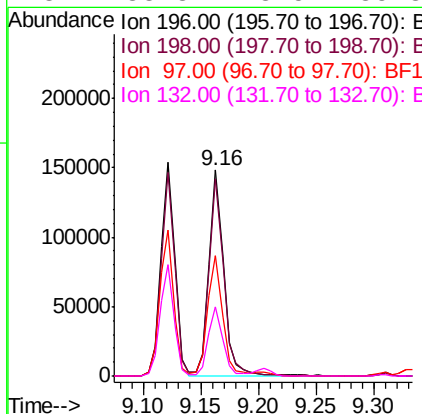
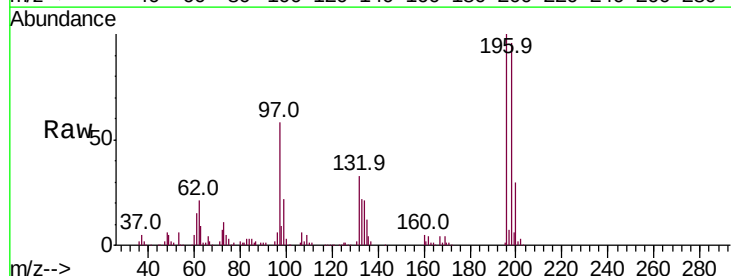
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

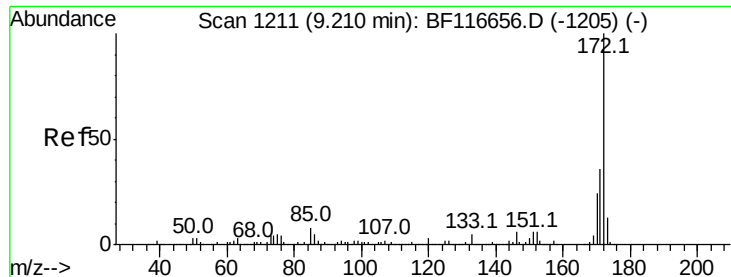
Tot Ion:196 Resp: 128834
 Ion Ratio Lower Upper
 196 100
 198 95.0 79.1 118.7
 200 30.7 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 46.590 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

Tgt Ion:196 Resp: 135508
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.1 117.1
 97 58.2 41.6 62.4
 132 33.3 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 91.993 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

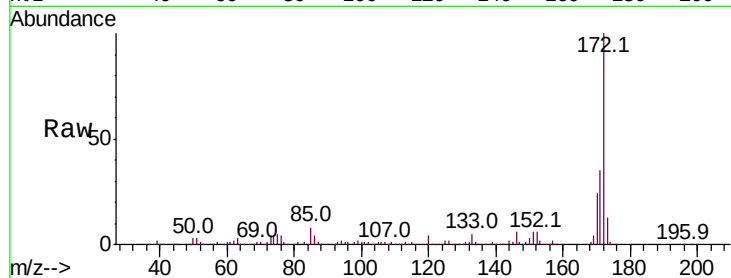
Tot Ion:172 Resp: 929745

Ion Ratio Lower Upper

172 100

171 35.5 27.8 41.6

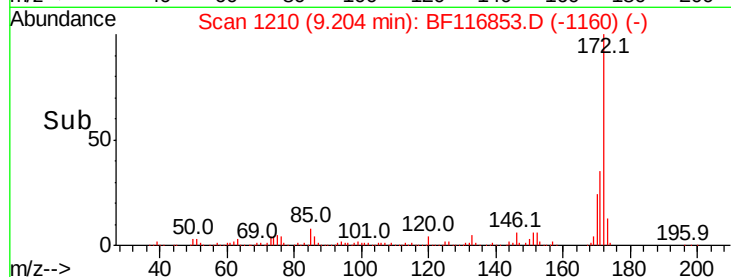
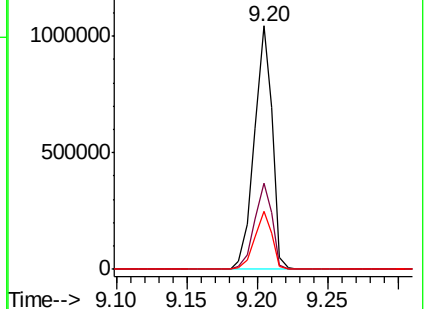
170 23.6 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.326 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

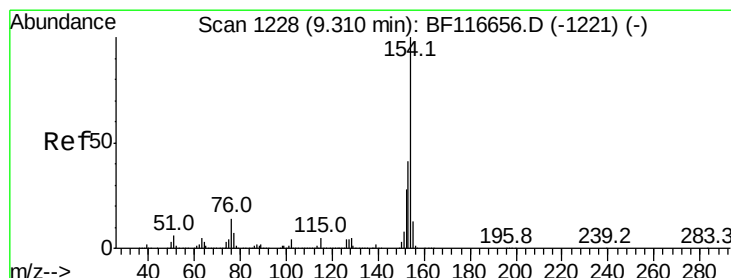
Tgt Ion:154 Resp: 560498

Ion Ratio Lower Upper

154 100

153 40.5 21.2 61.2

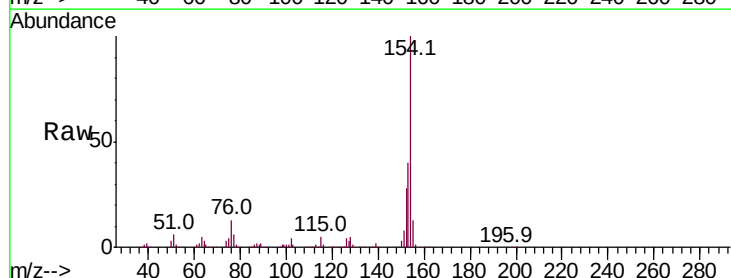
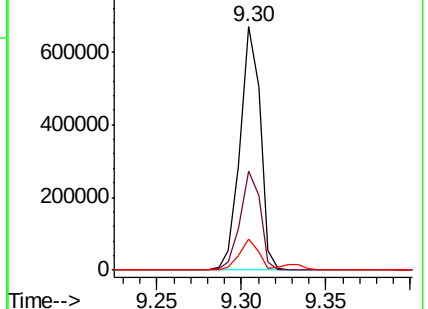
76 12.8 0.0 30.9

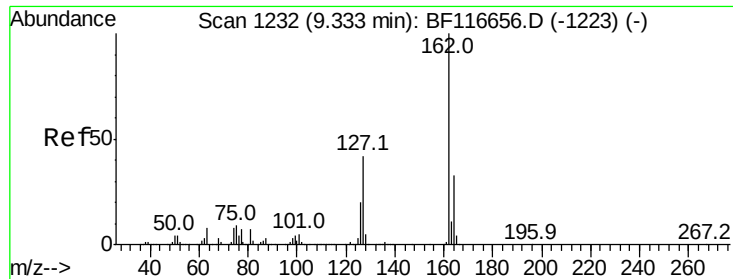


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

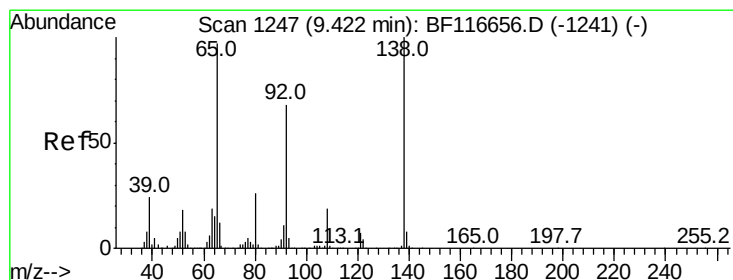
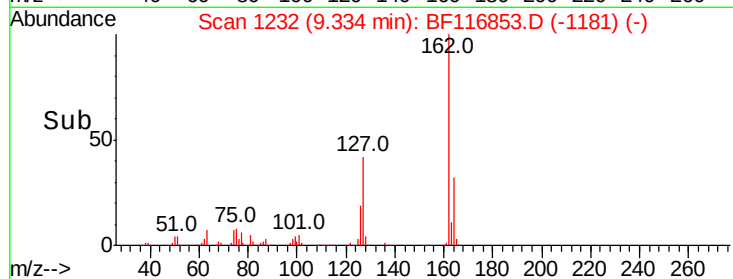
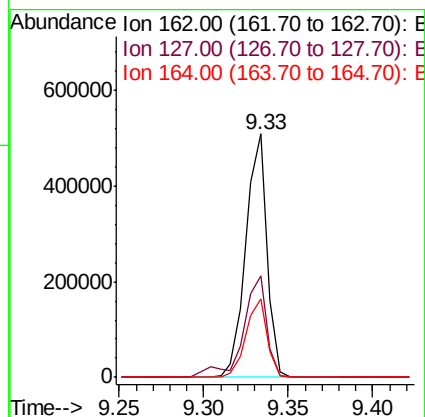
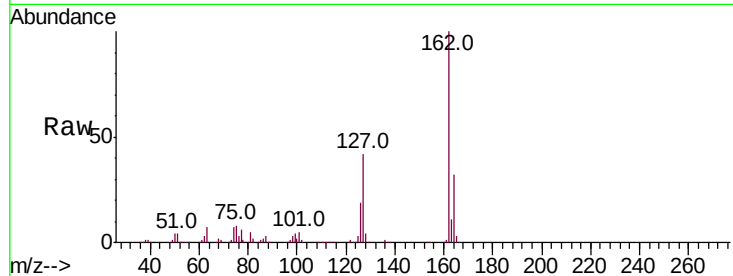




#47
2-Chloronaphthalene
Concen: 43.641 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

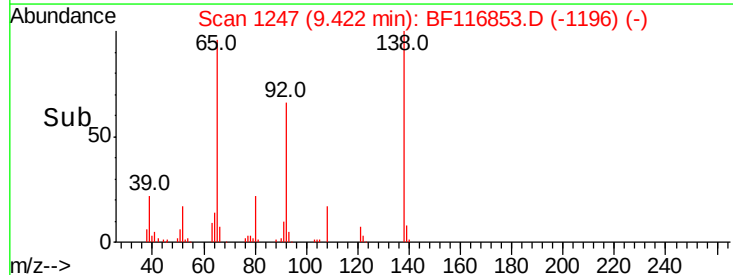
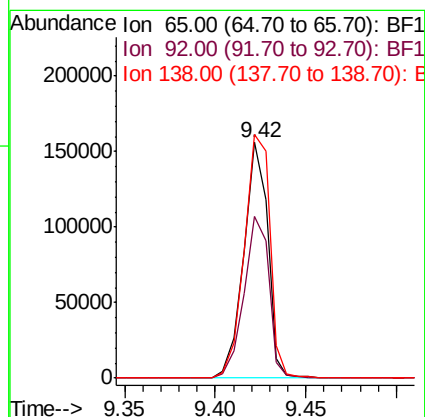
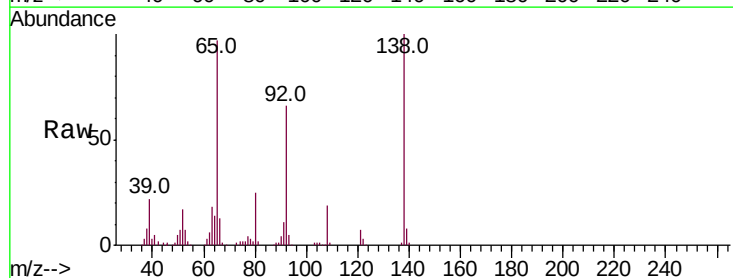
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

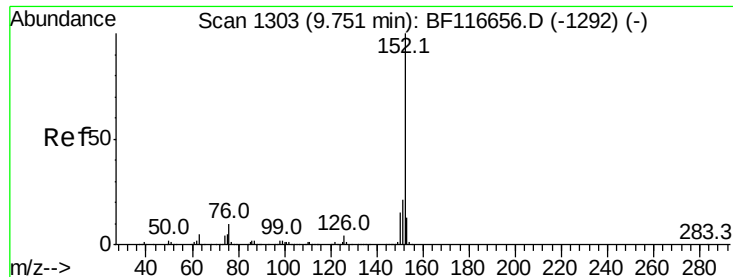
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	32.5	26.6	39.8



#48
2-Nitroaniline
Concen: 48.430 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	57.1	85.7
138	103.4	88.2	132.2





#49

Acenaphthylene

Concen: 43.097 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

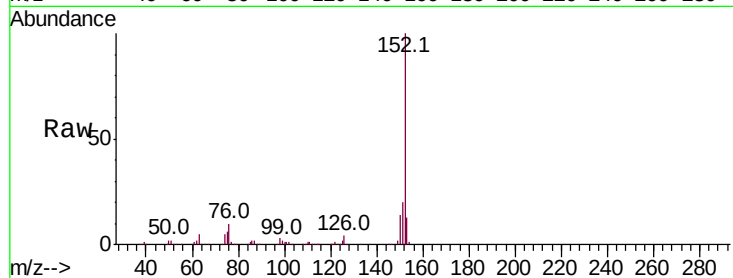
Tot Ion:152 Resp: 667522

Ion Ratio Lower Upper

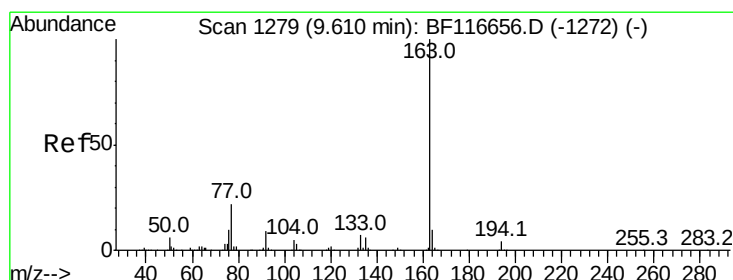
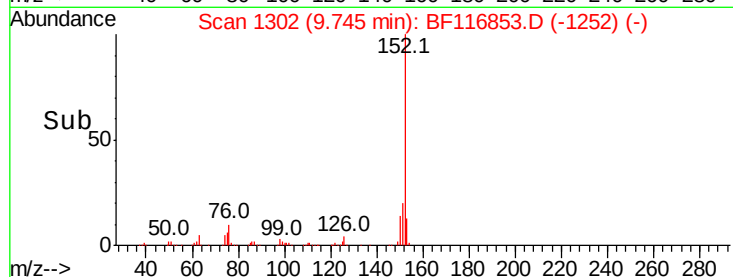
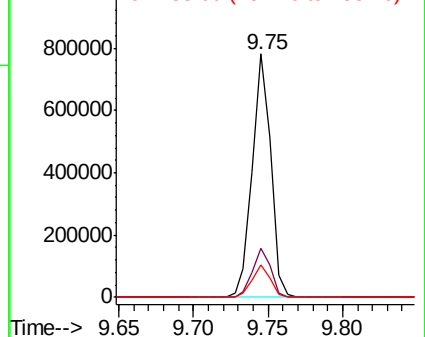
152 100

151 20.1 15.9 23.9

153 13.4 10.9 16.3



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: 43.134 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

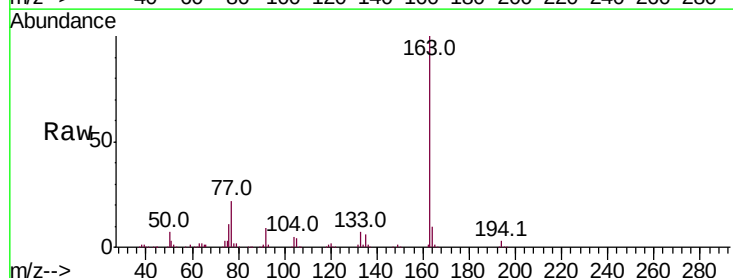
Tgt Ion:163 Resp: 507710

Ion Ratio Lower Upper

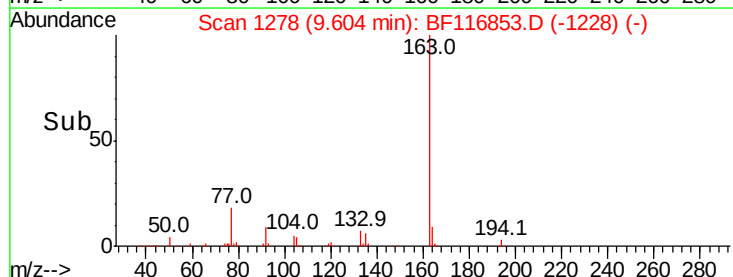
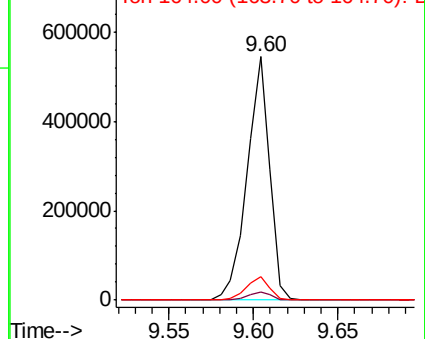
163 100

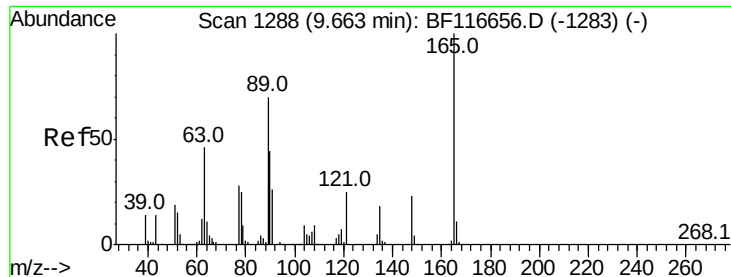
194 3.5 2.8 4.2

164 9.7 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

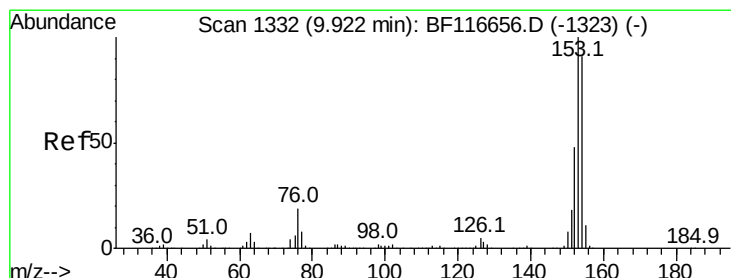
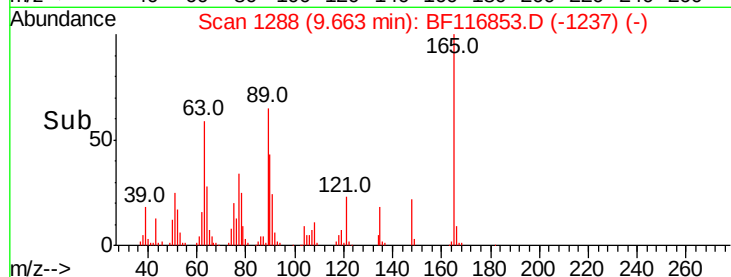
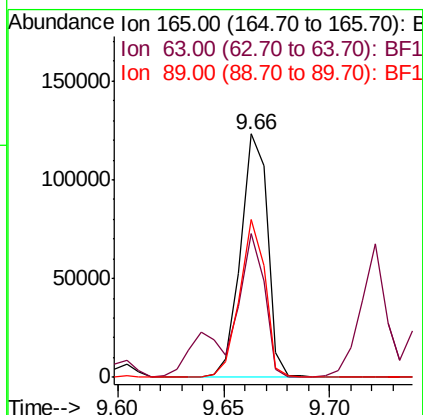
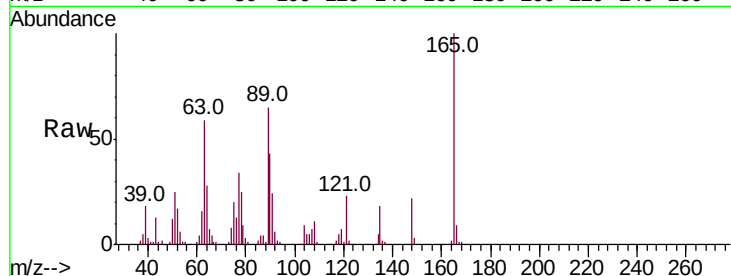




#51
 2,6-Dinitrotoluene
 Concen: 48.515 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

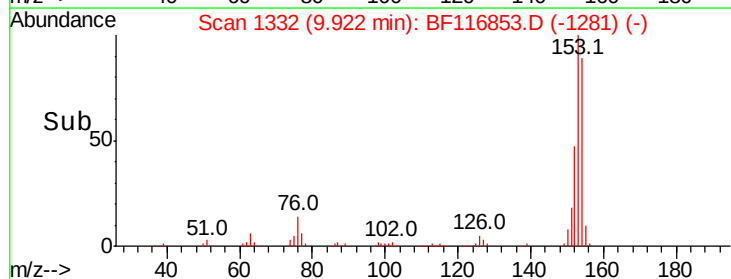
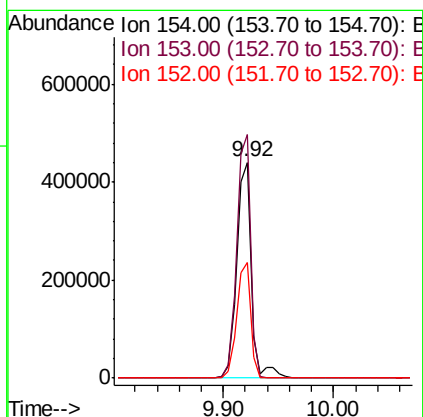
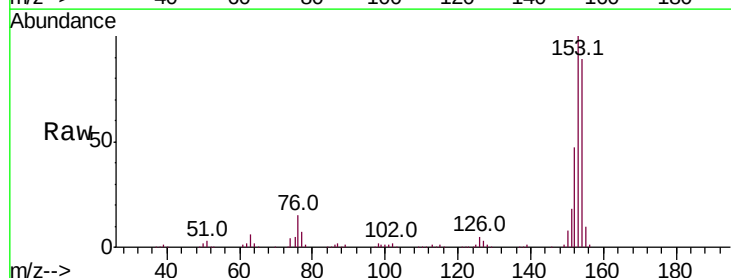
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

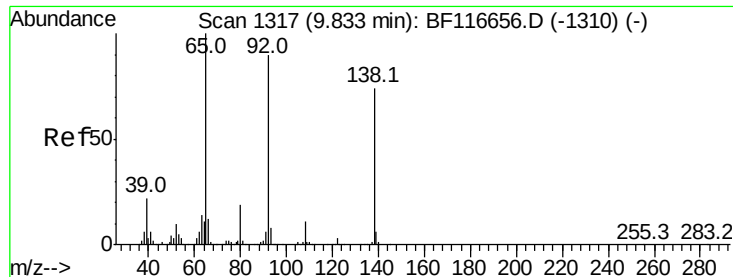
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.9	47.3	70.9
89	64.9	52.5	78.7



#52
 Acenaphthene
 Concen: 43.406 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.5	134.3
152	53.4	41.9	62.9

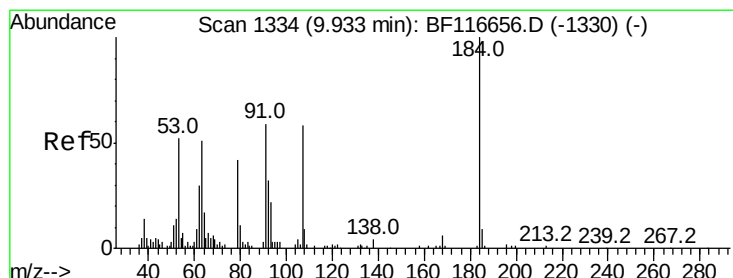
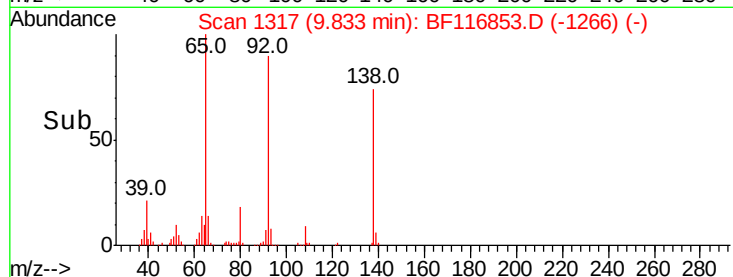
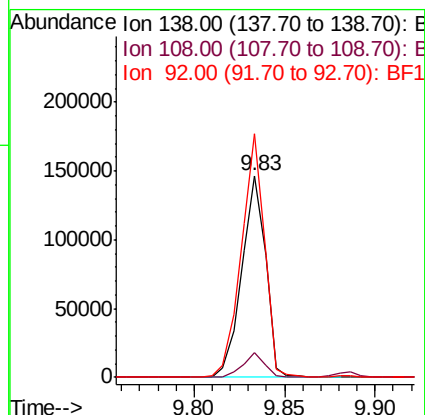
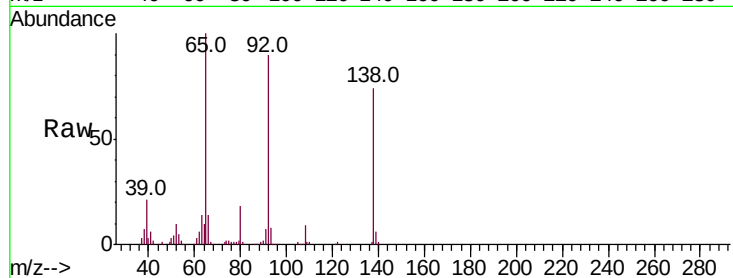




#53
3-Nitroaniline
Concen: 47.446 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

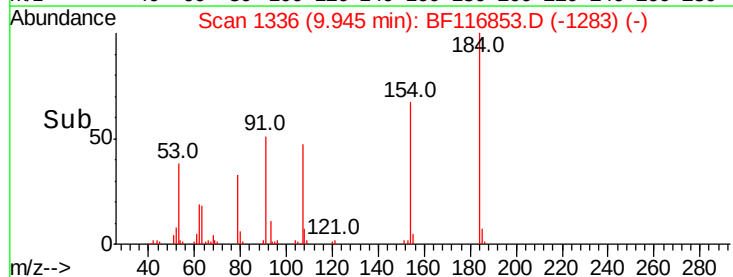
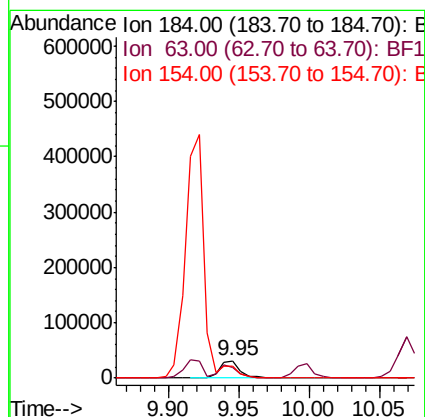
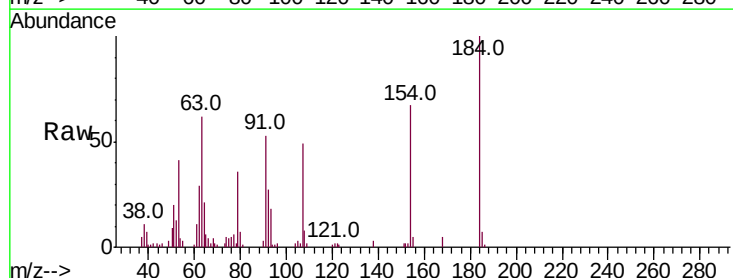
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

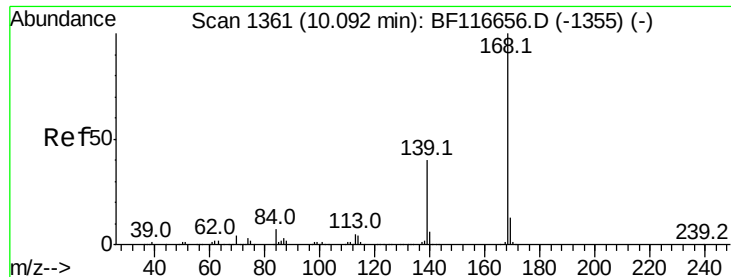
Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	8.5	12.7
92	120.9	87.2	130.8



#54
2,4-Dinitrophenol
Concen: 46.314 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.7	52.2	78.2
154	66.9	60.8	91.2





#55

Dibenzofuran

Concen: 43.483 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

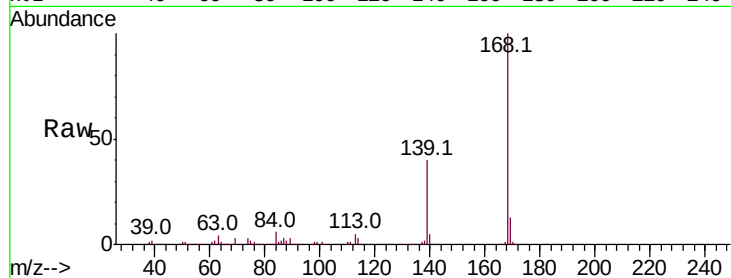
Tot Ion:168 Resp: 583380

Ion Ratio Lower Upper

168 100

139 40.3 31.5 47.3

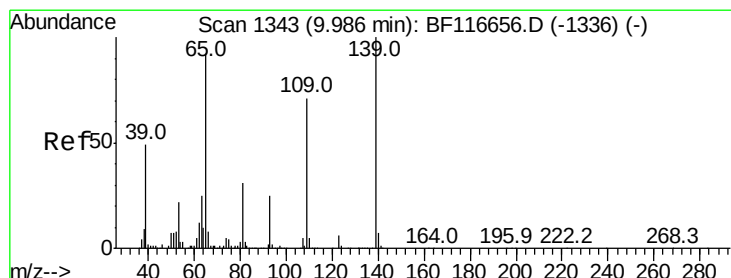
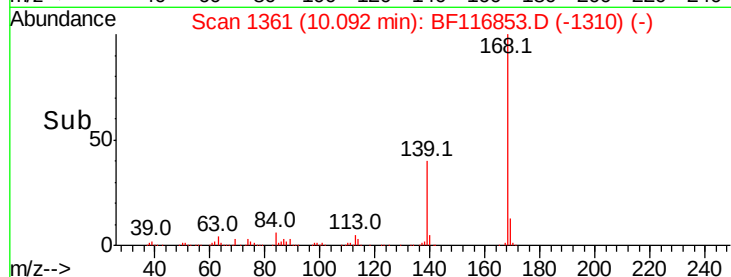
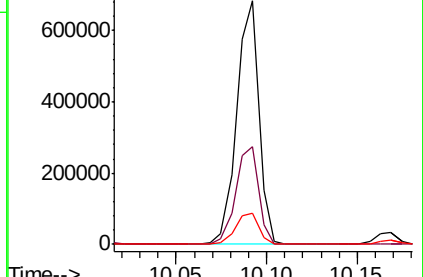
169 12.8 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 45.648 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

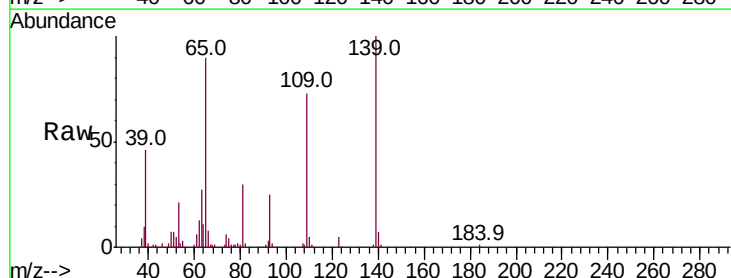
Tgt Ion:139 Resp: 88088

Ion Ratio Lower Upper

139 100

109 73.0 61.7 101.7

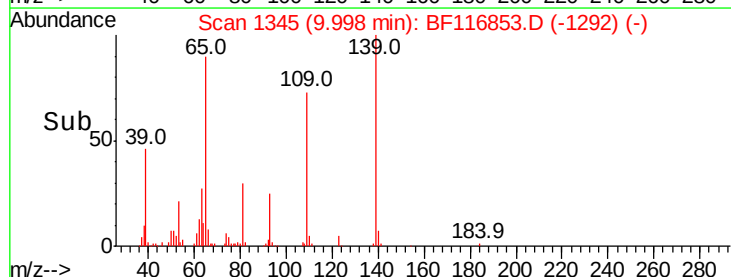
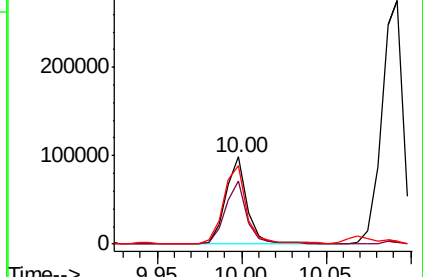
65 89.8 89.1 129.1

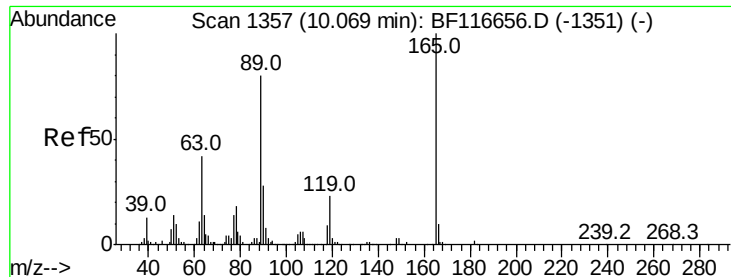


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 52.592 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 144418

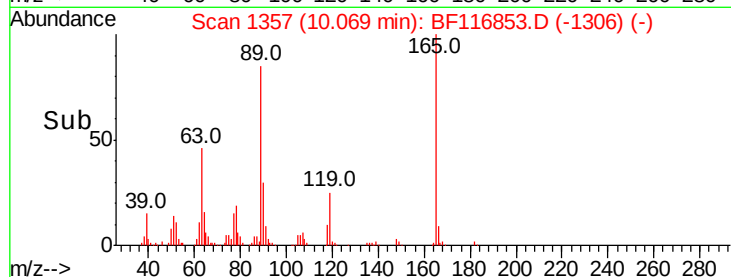
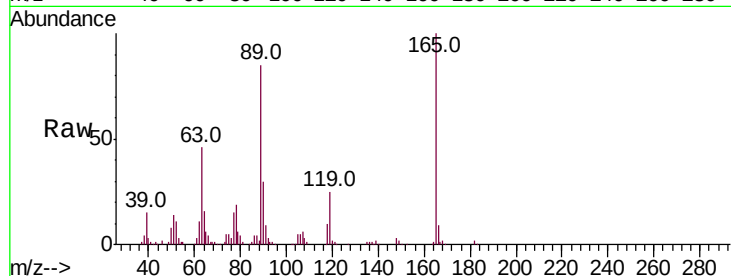
Ion Ratio Lower Upper

165 100

63 46.2 36.4 54.6

89 85.1 62.6 94.0

182 2.2 2.1 3.1

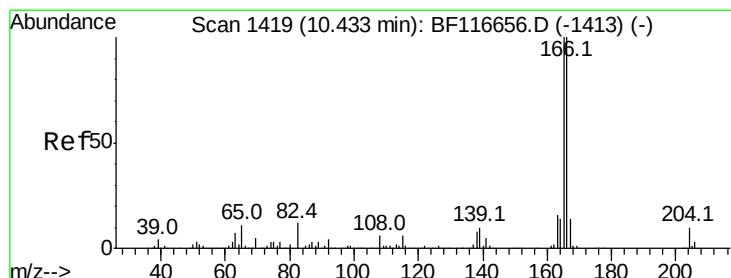
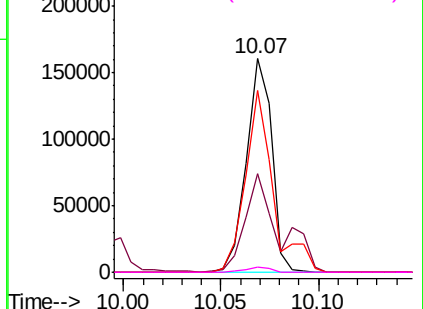


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.778 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

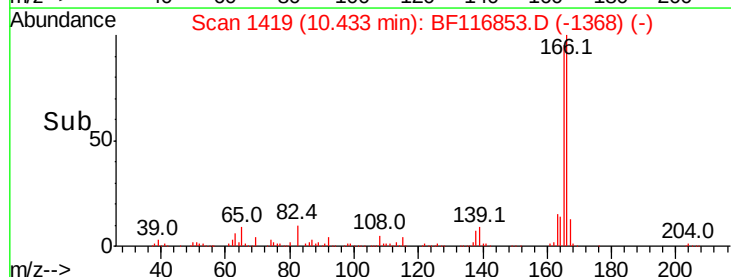
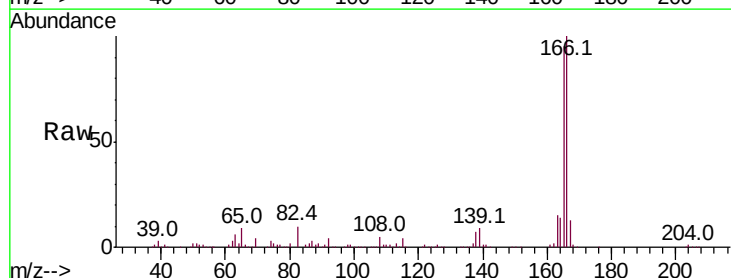
Tgt Ion:166 Resp: 467968

Ion Ratio Lower Upper

166 100

165 95.5 78.8 118.2

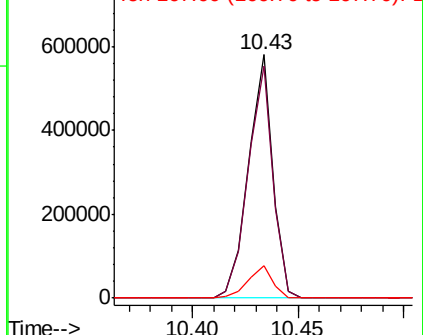
167 13.2 10.0 15.0

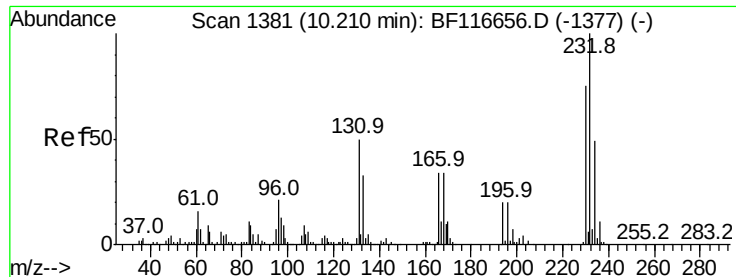


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

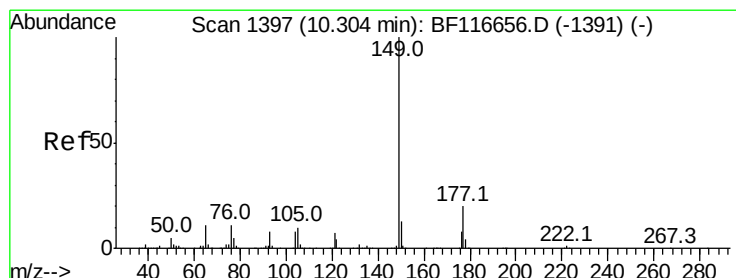
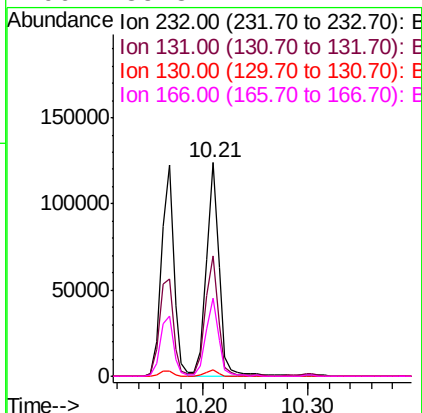
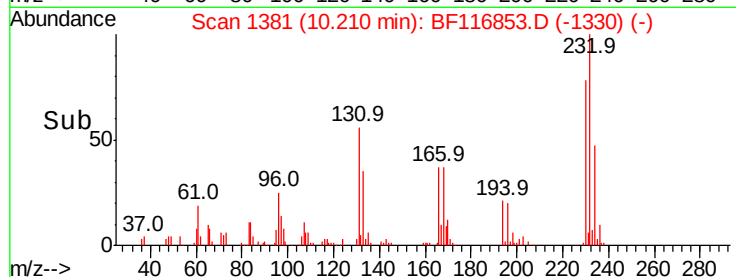
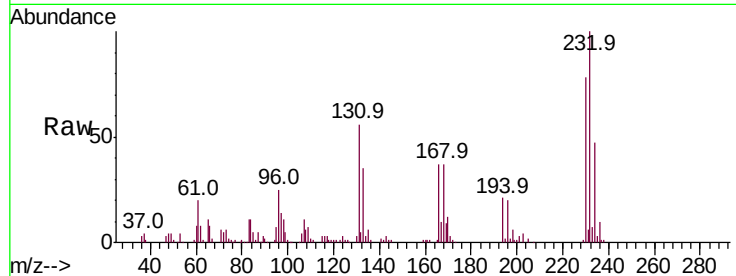




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.343 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

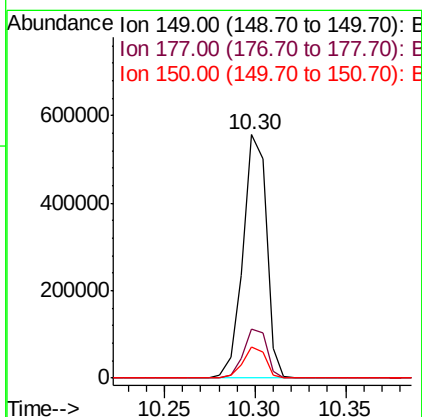
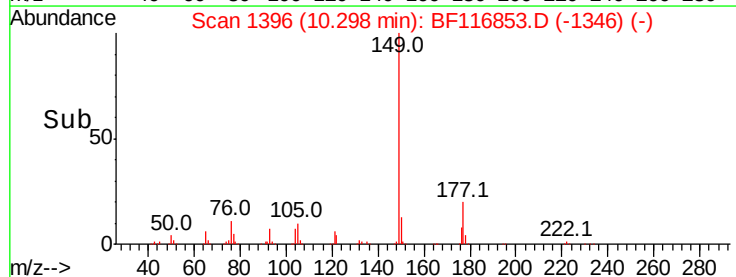
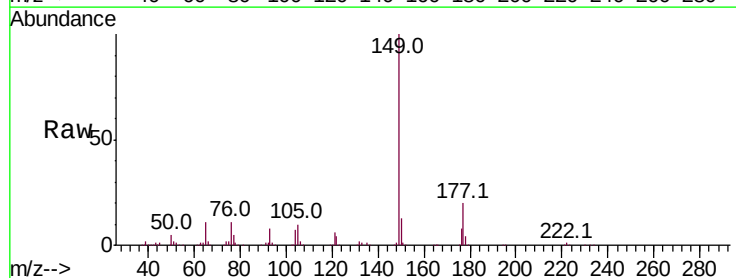
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

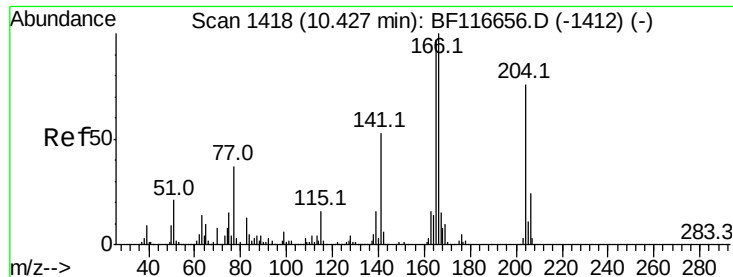
Tot Ion	Ratio	Lower	Upper
232	100		
131	56.9	42.7	64.1
130	2.6	1.9	2.9
166	35.8	27.4	41.2



#60
Diethylphthalate
Concen: 42.569 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.2	17.2	25.8
150	13.0	9.7	14.5





#61

4-Chlorophenyl-phenylether

Concen: 46.225 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

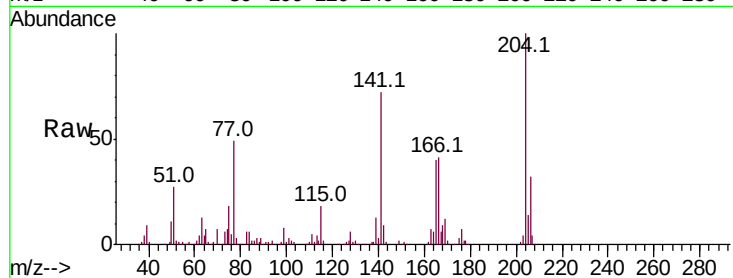
Tot Ion:204 Resp: 206923

Ion Ratio Lower Upper

204 100

206 32.0 25.4 38.2

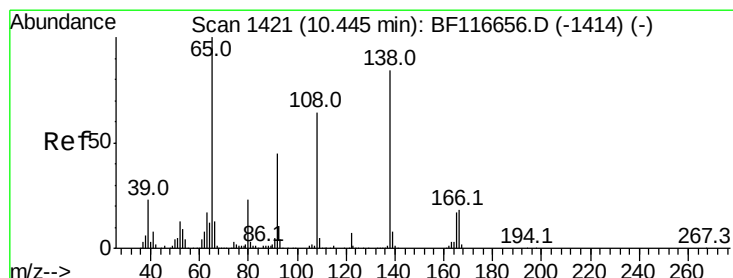
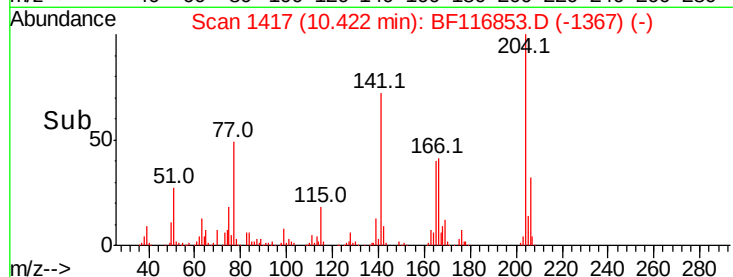
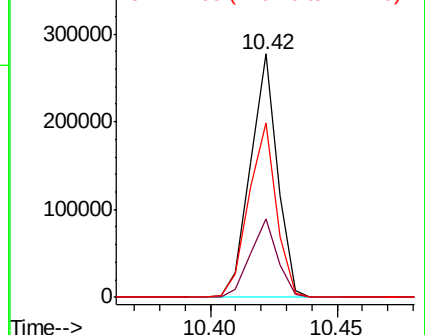
141 71.7 53.8 80.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 49.396 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

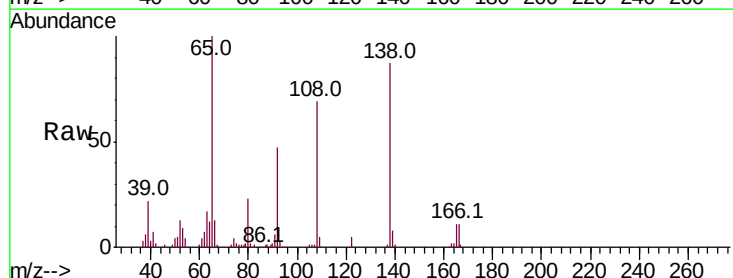
Tgt Ion:138 Resp: 134913

Ion Ratio Lower Upper

138 100

92 53.7 28.7 68.7

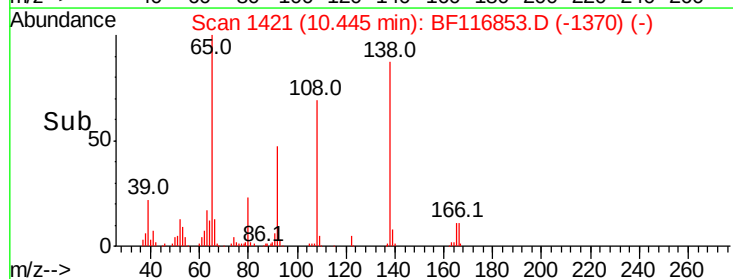
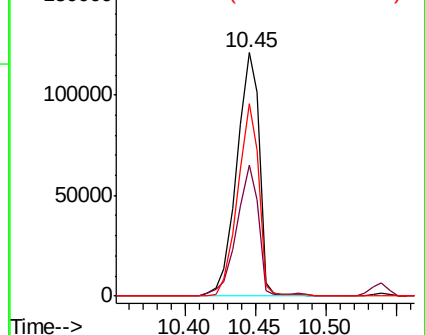
108 79.2 60.4 100.4

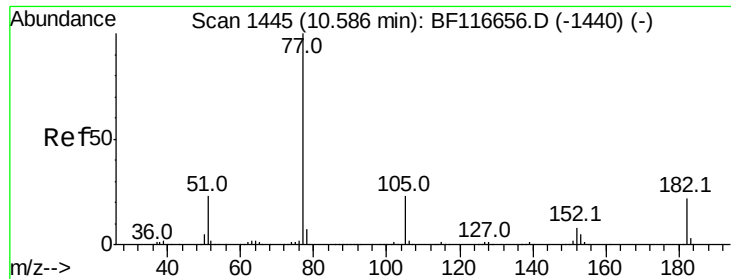


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

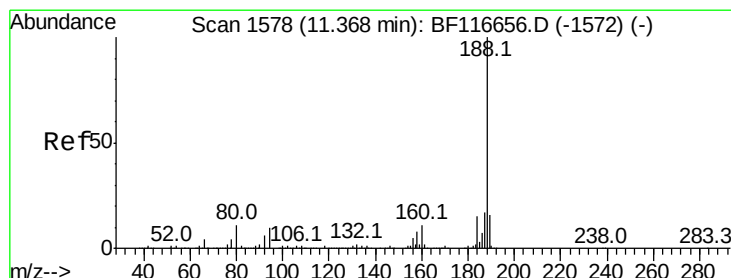
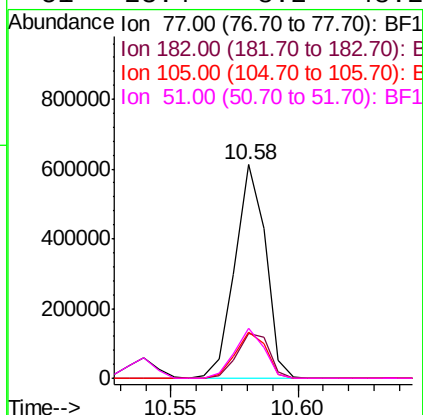
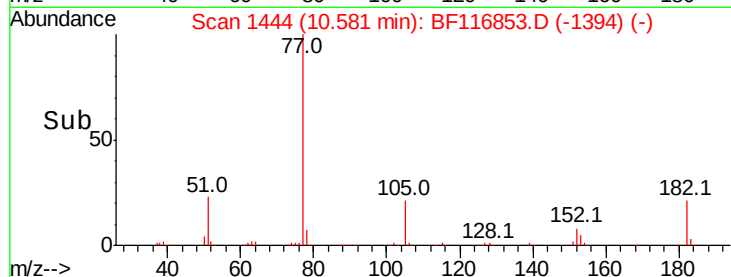
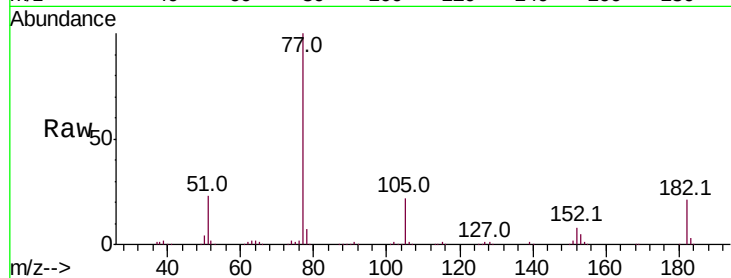




#63
Azobenzene
Concen: 41.777 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

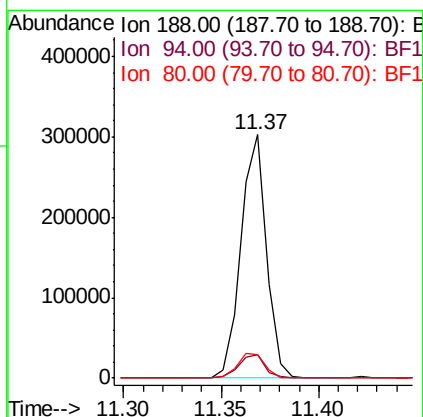
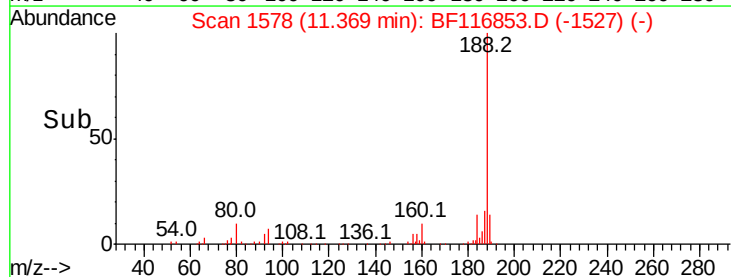
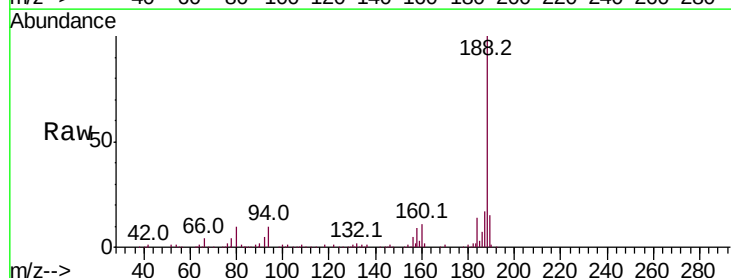
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

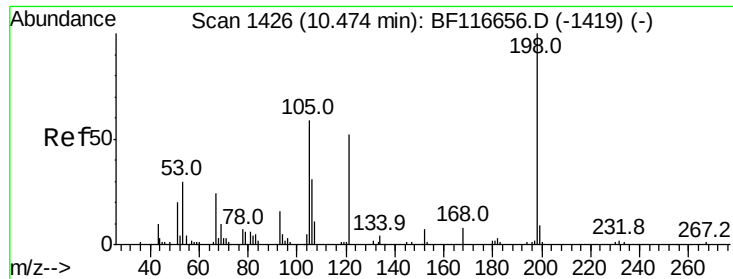
Tot Ion:	77	Resp:	513619
Ion	Ratio	Lower	Upper
77	100		
182	21.2	1.2	41.2
105	21.8	0.6	40.6
51	23.4	8.2	48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion:	188	Resp:	272868
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.3	10.9
80	9.9	8.4	12.6

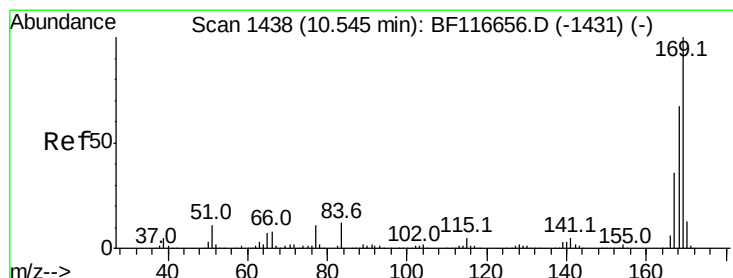
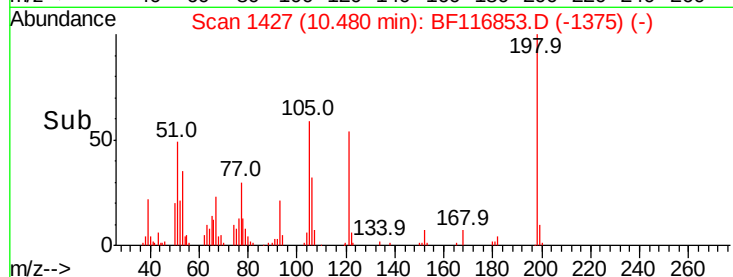
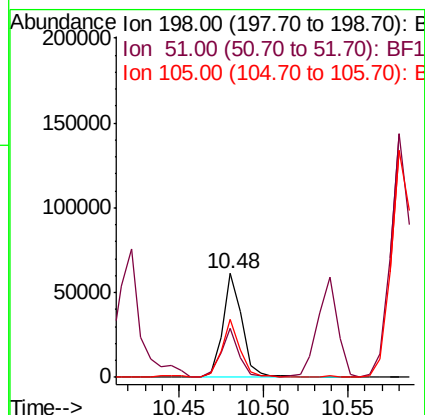
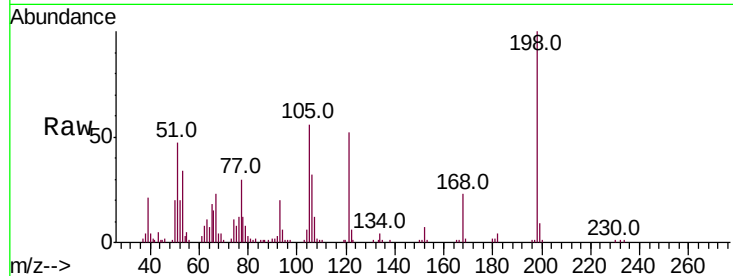




#65
4,6-Dinitro-2-methylphenol
Concen: 48.976 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

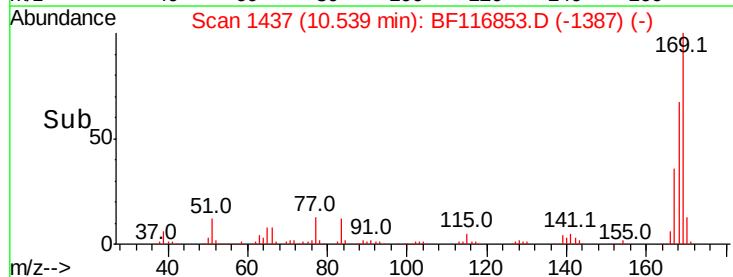
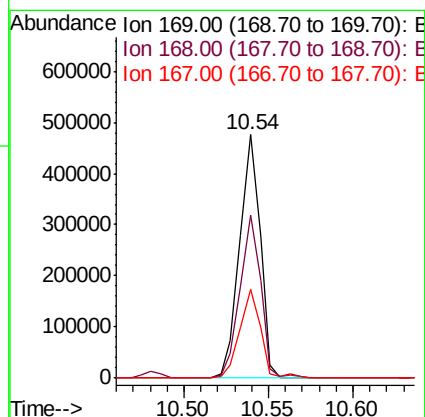
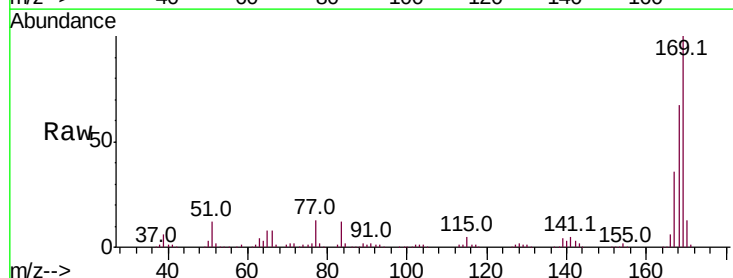
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

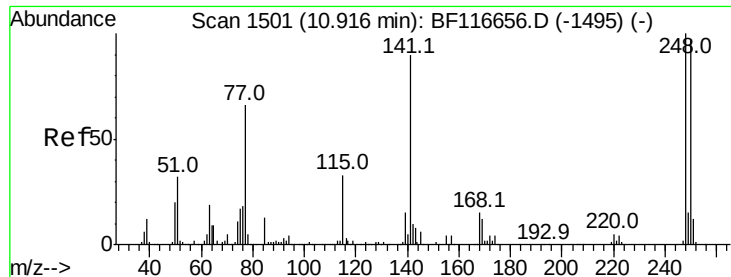
Tot Ion:198 Resp: 49399
Ion Ratio Lower Upper
198 100
51 47.1 18.4 58.4
105 56.0 22.9 62.9



#66
n-Nitrosodiphenylamine
Concen: 42.863 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion:169 Resp: 404603
Ion Ratio Lower Upper
169 100
168 66.7 55.8 83.6
167 36.3 29.4 44.2

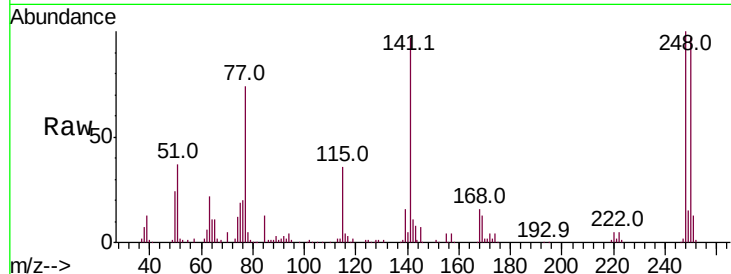




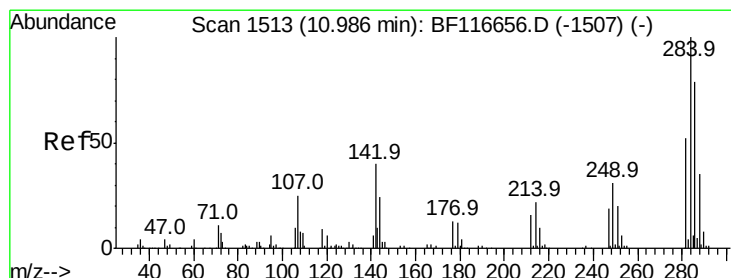
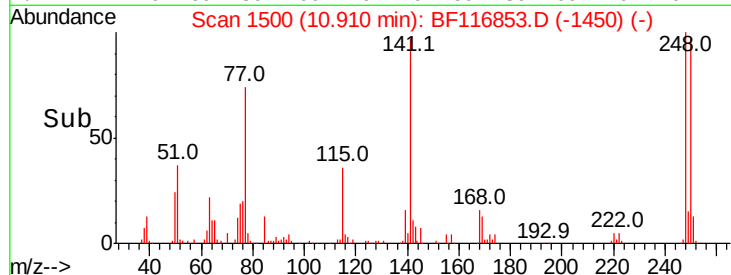
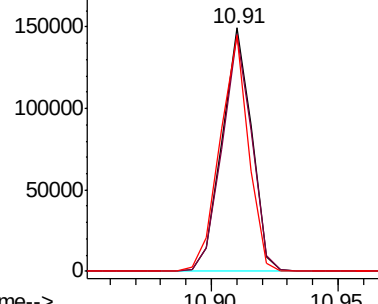
#67
 4-Bromophenyl-phenylether
 Concen: 43.723 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 121199
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.8 116.8
 141 97.0 75.9 113.9

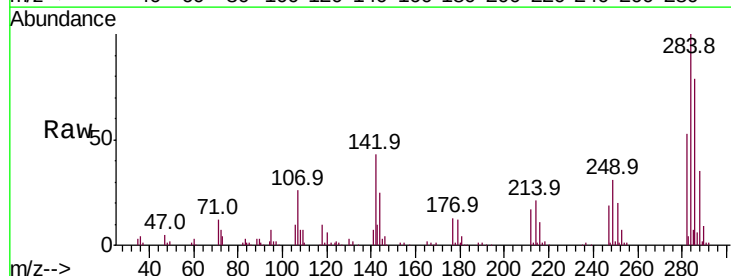


Abundance Ion 248.00 (247.70 to 248.70): E
 200000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

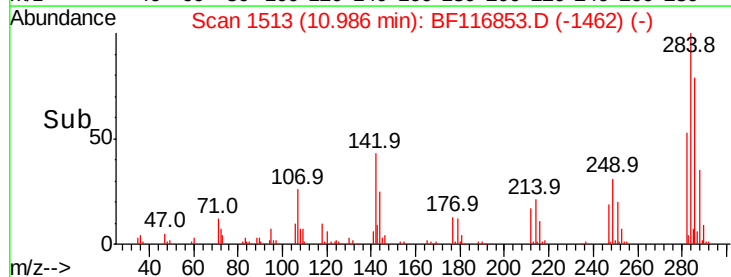
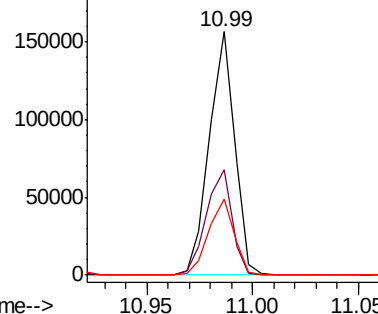


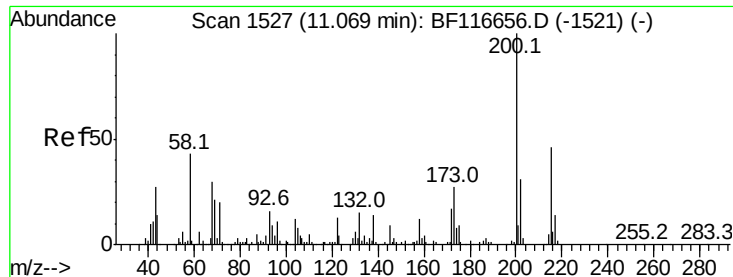
#68
 Hexachlorobenzene
 Concen: 44.803 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

Tgt Ion:284 Resp: 129938
 Ion Ratio Lower Upper
 284 100
 142 43.1 34.0 51.0
 249 31.4 26.4 39.6



Abundance Ion 283.80 (283.50 to 284.50): E
 200000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

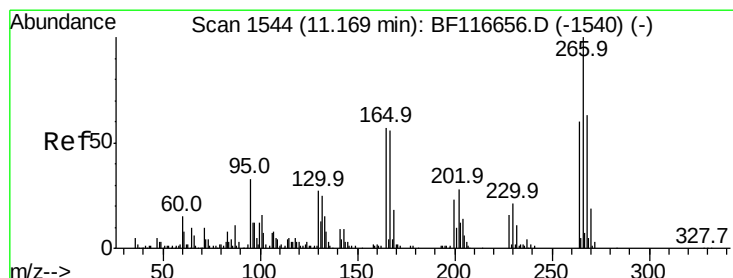
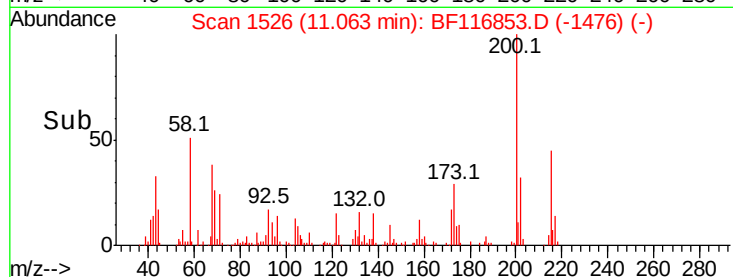
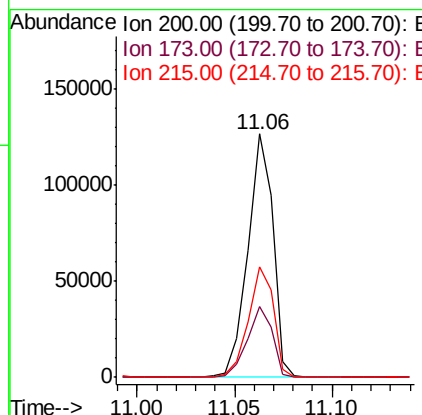
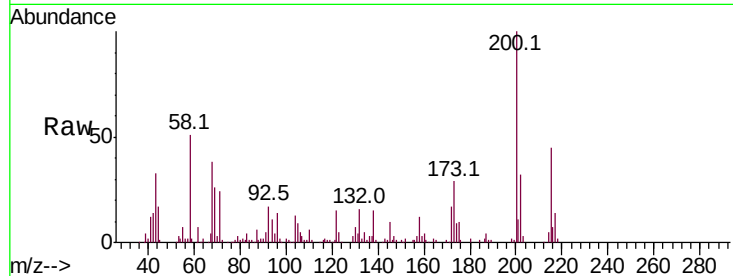




#69
 Atrazine
 Concen: 42.777 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

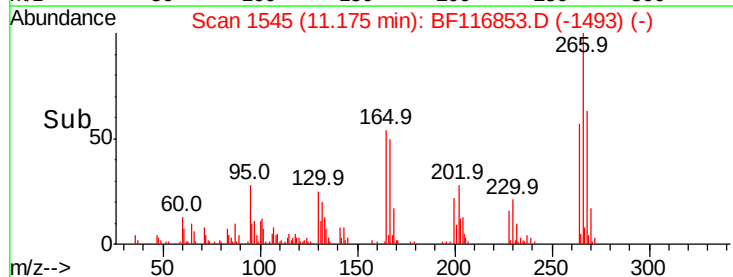
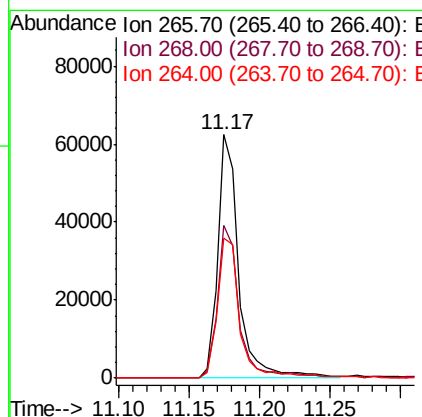
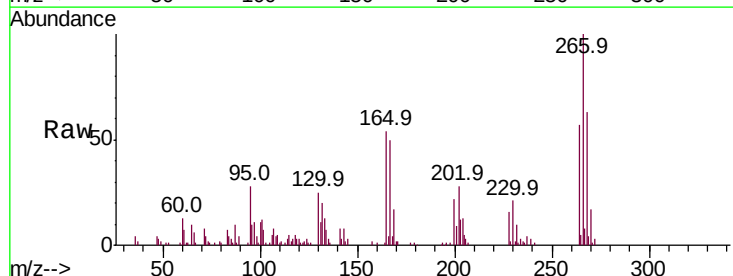
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

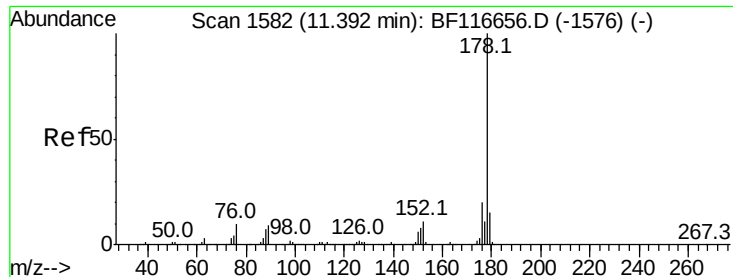
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.0	6.2	46.2
215	45.1	24.3	64.3



#70
 Pentachlorophenol
 Concen: 46.027 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.2	76.8
264	57.5	51.9	77.9

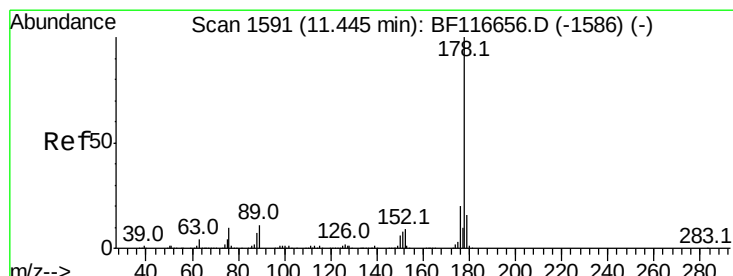
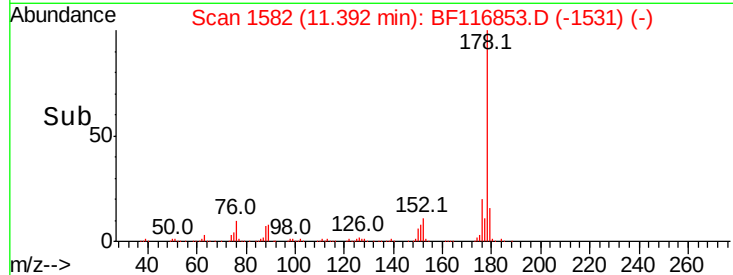
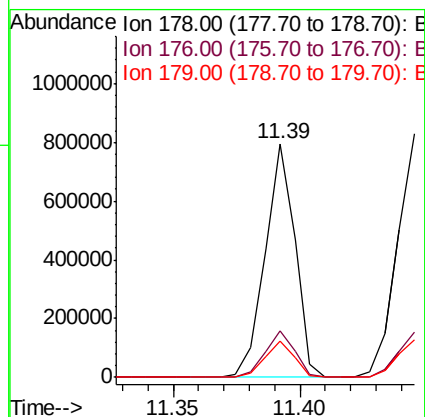
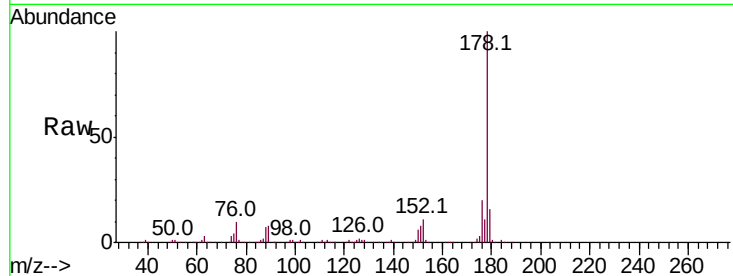




#71
Phenanthrene
Concen: 43.265 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

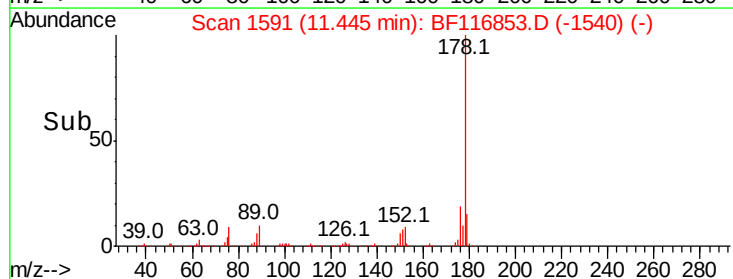
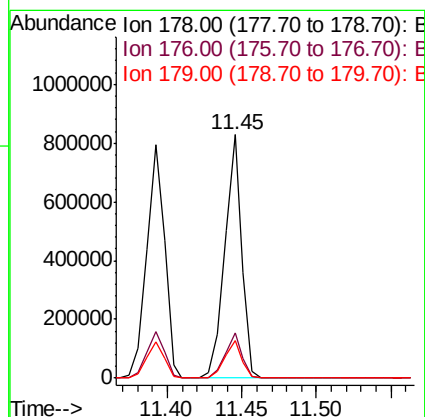
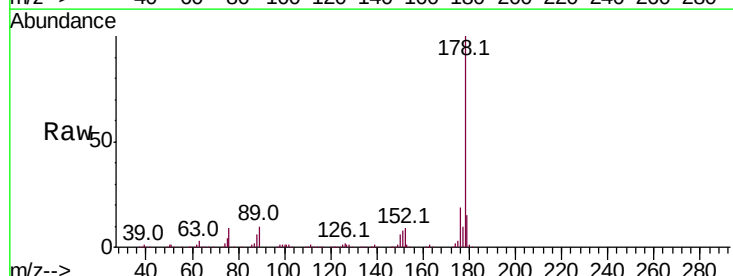
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

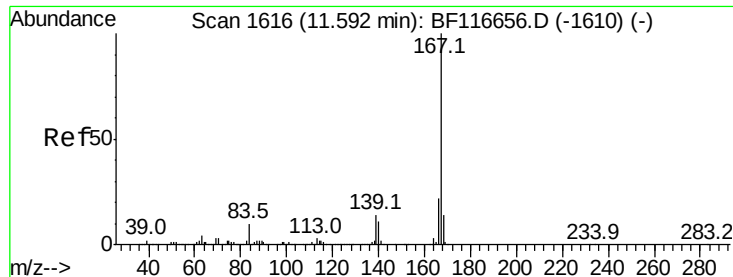
Tot Ion:178 Resp: 657184
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 15.7 12.2 18.2



#72
Anthracene
Concen: 43.646 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion:178 Resp: 667360
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.4 12.5 18.7

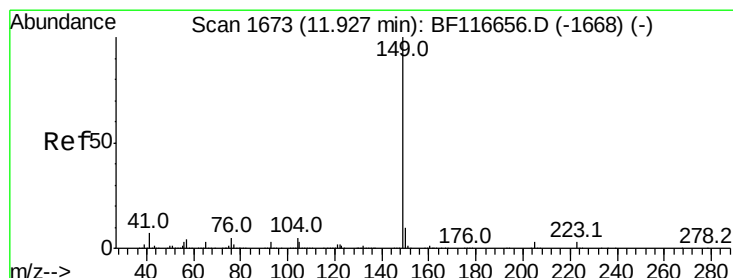
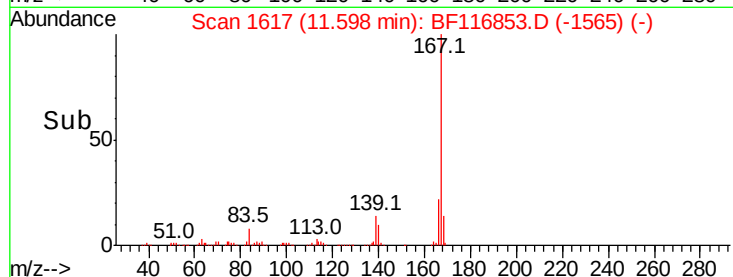
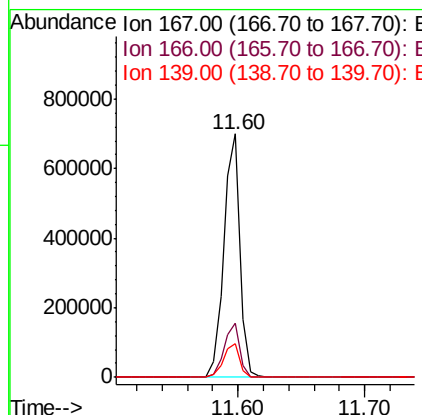
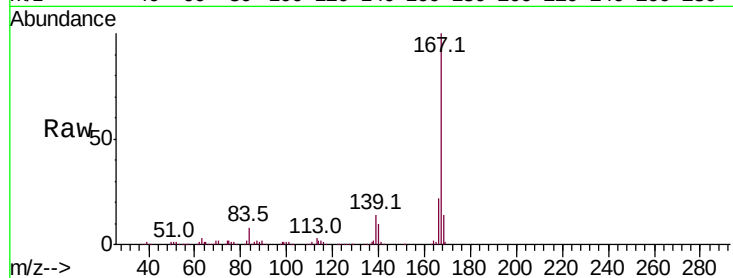




#73
 Carbazole
 Concen: 42.542 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

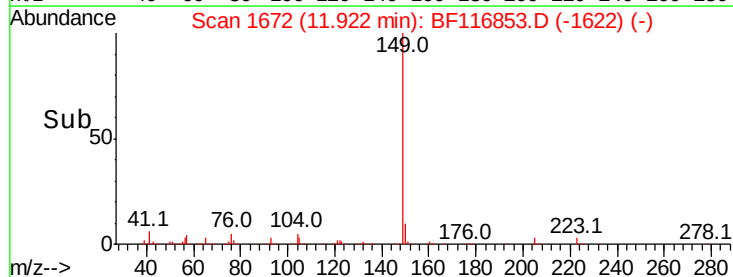
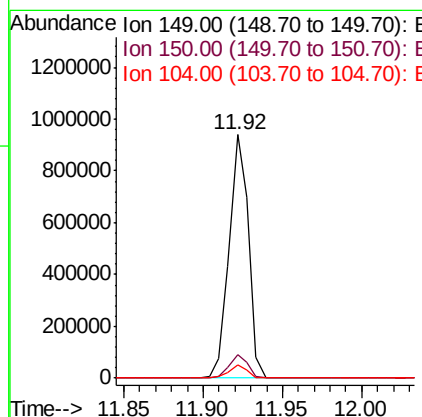
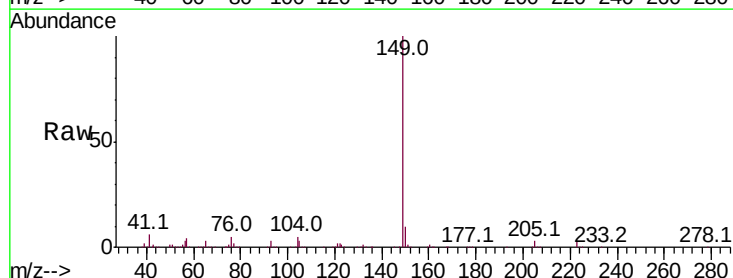
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

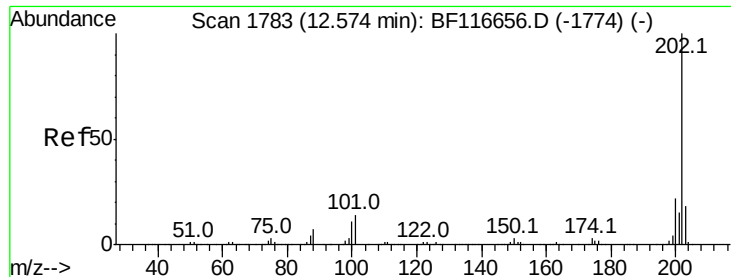
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	13.7	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 42.414 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.2	10.8
104	5.4	4.2	6.2





#75

Fluoranthene

Concen: 43.062 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

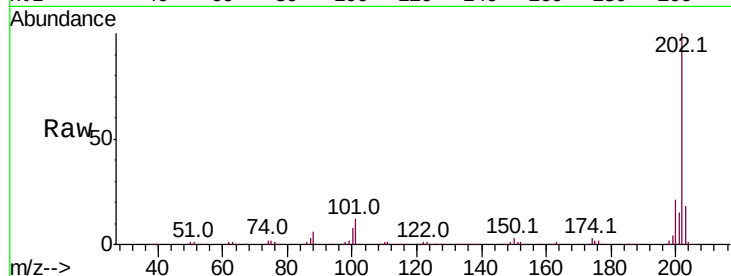
Tot Ion:202 Resp: 642809

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.3

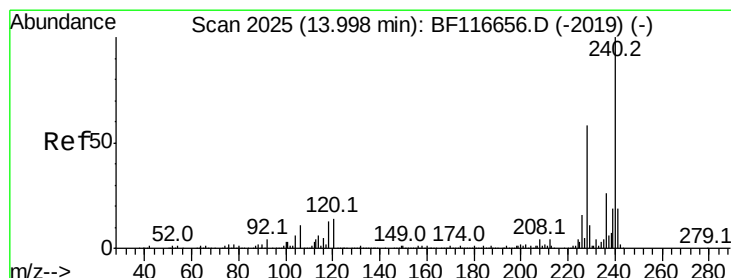
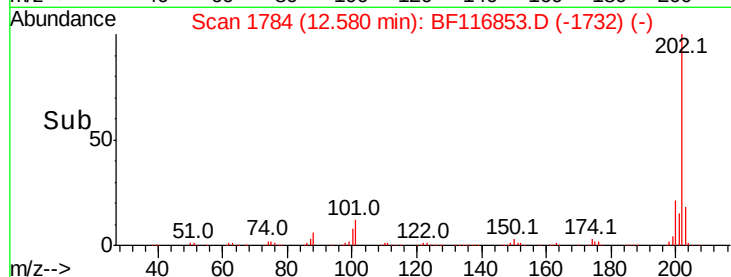
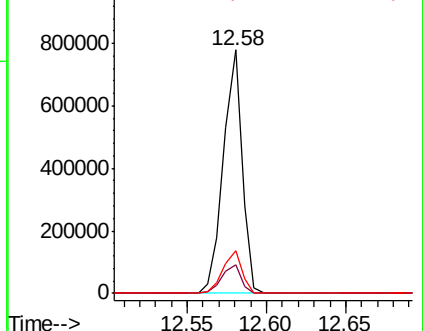
203 17.5 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

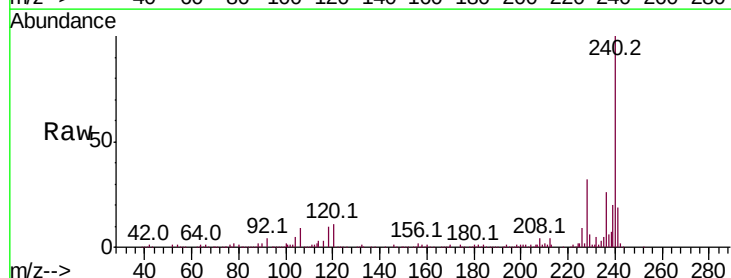
Tgt Ion:240 Resp: 176487

Ion Ratio Lower Upper

240 100

120 11.0 9.1 13.7

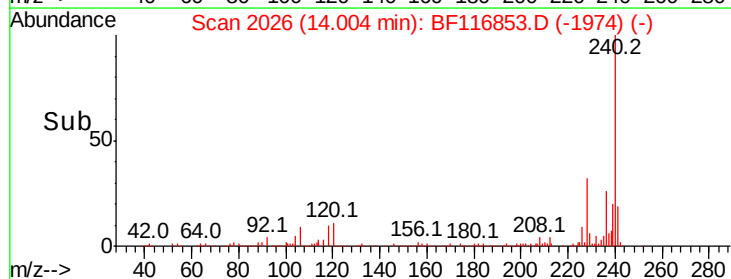
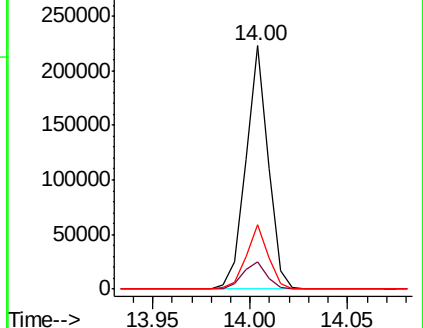
236 26.3 21.1 31.7

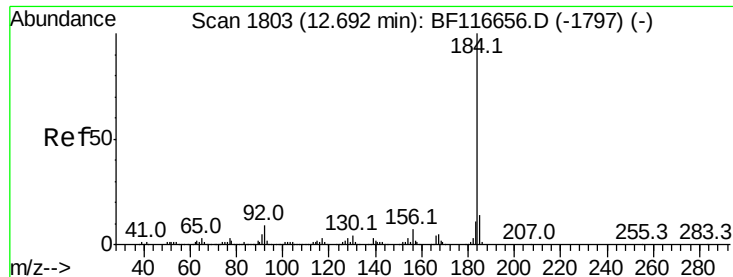


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.979 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

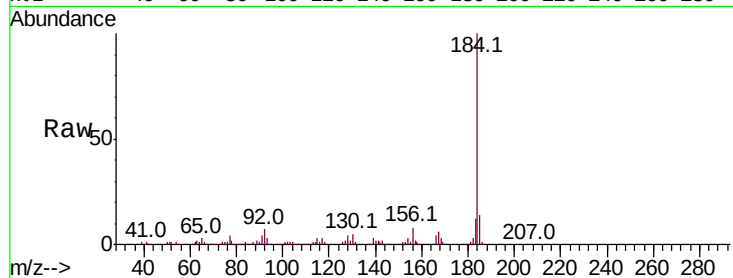
Tot Ion:184 Resp: 276747

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

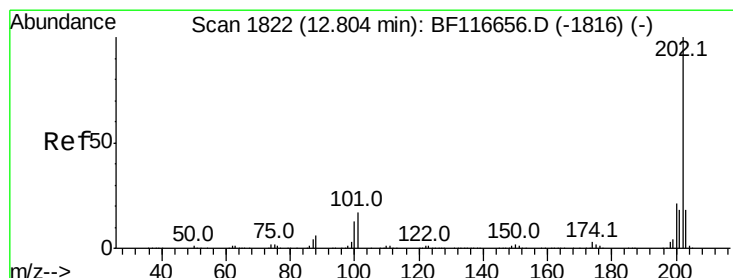
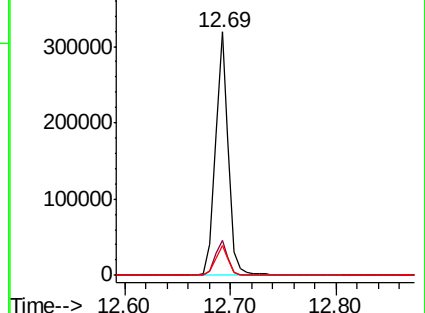
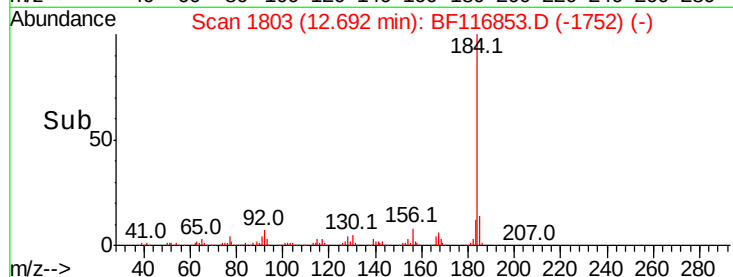
183 12.2 9.2 13.8



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: 41.404 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

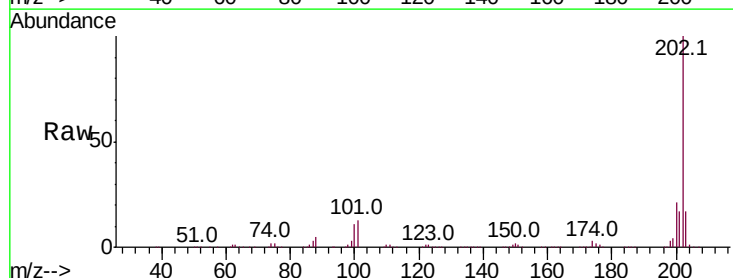
Tgt Ion:202 Resp: 649566

Ion Ratio Lower Upper

202 100

200 21.5 16.5 24.7

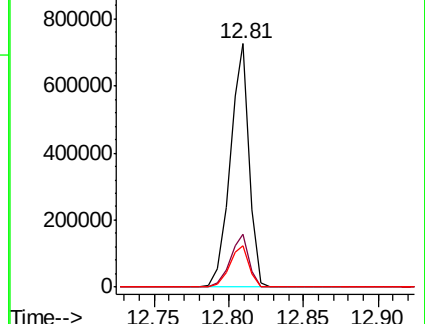
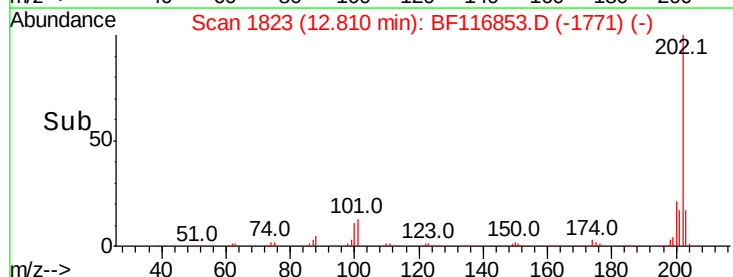
203 17.0 13.7 20.5

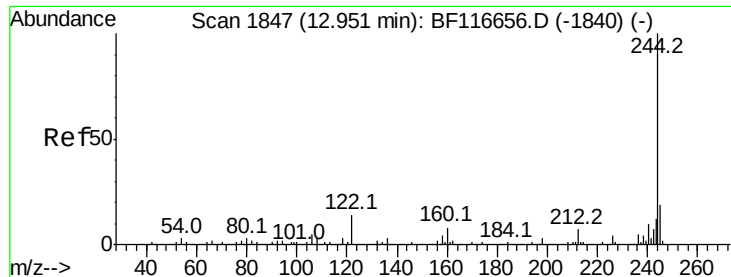


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.027 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

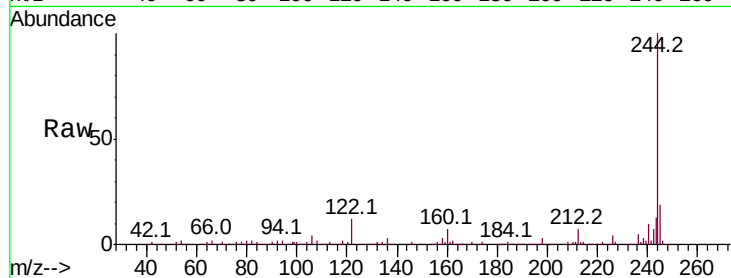
Tot Ion:244 Resp: 849332

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

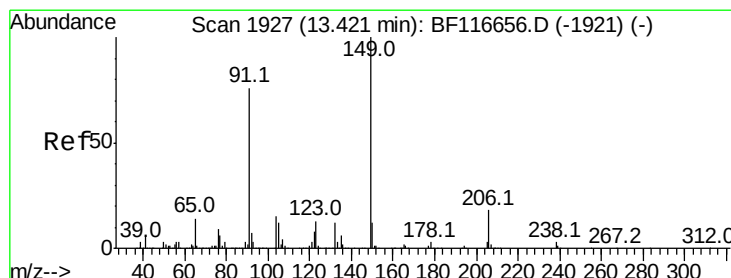
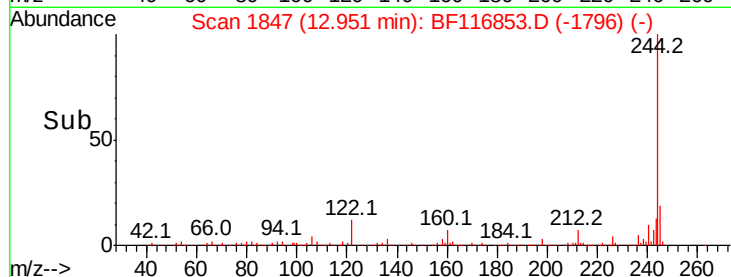
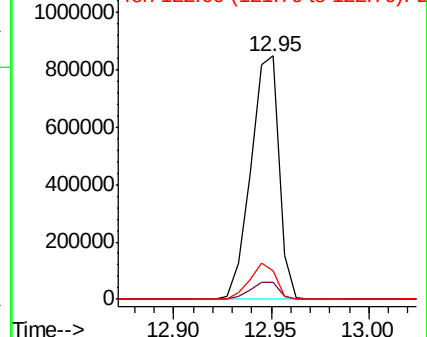
122 11.6 10.2 15.4



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: 41.846 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

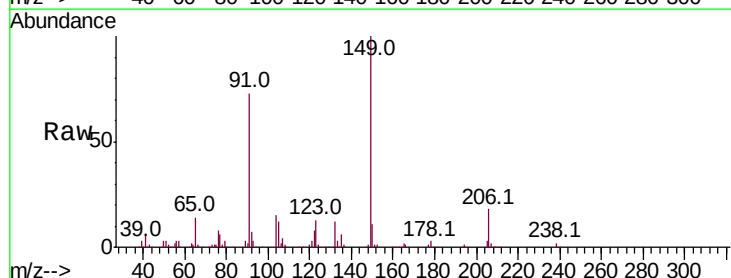
Tgt Ion:149 Resp: 319257

Ion Ratio Lower Upper

149 100

91 73.0 61.0 91.4

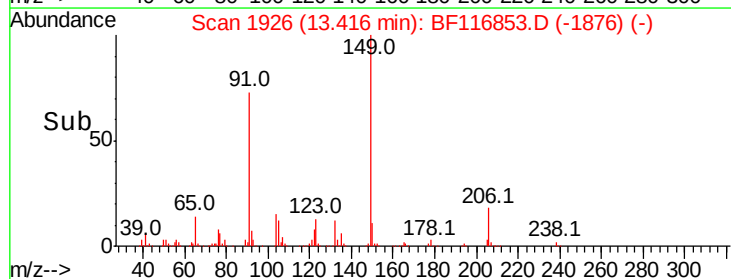
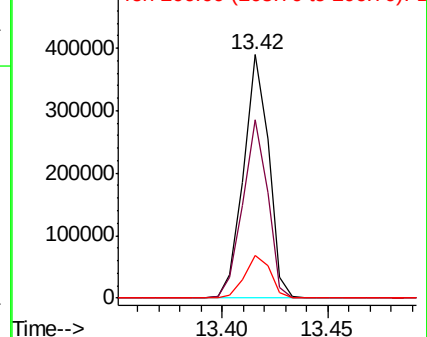
206 17.5 14.8 22.2

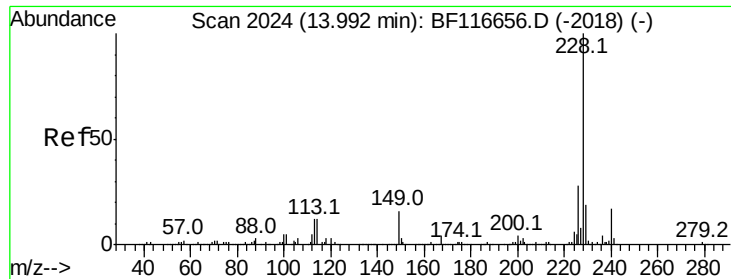


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.434 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

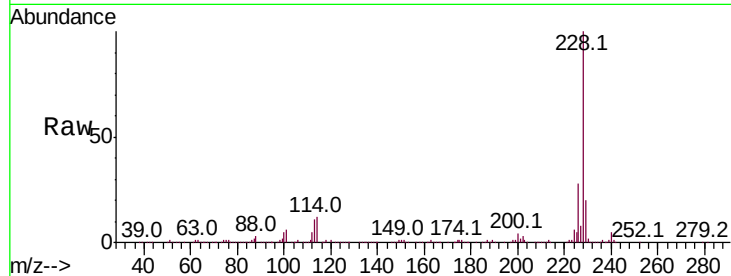
Tot Ion:228 Resp: 496316

Ion Ratio Lower Upper

228 100

226 27.9 22.0 33.0

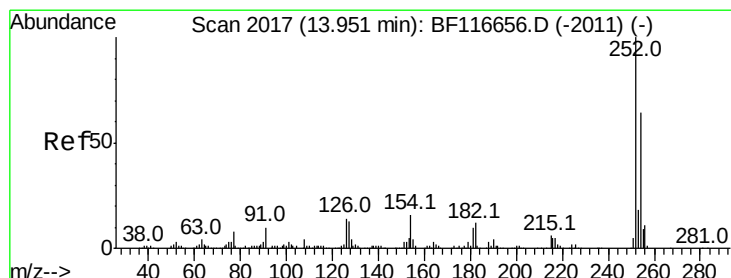
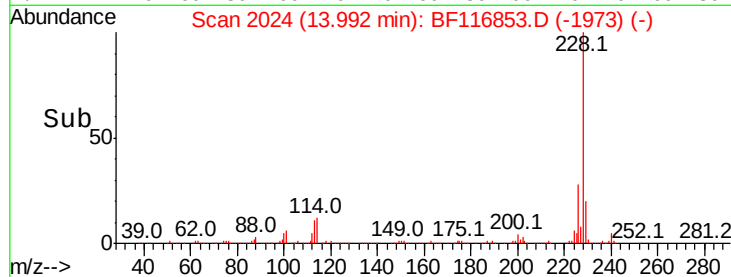
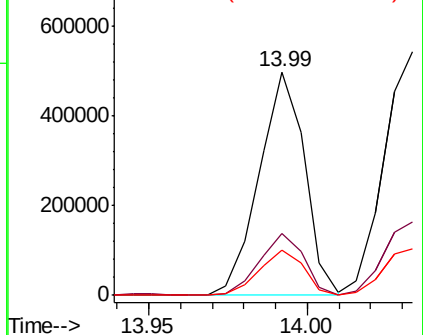
229 20.4 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.287 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF116853.D

Acq: 6 Sep 2019 9:56

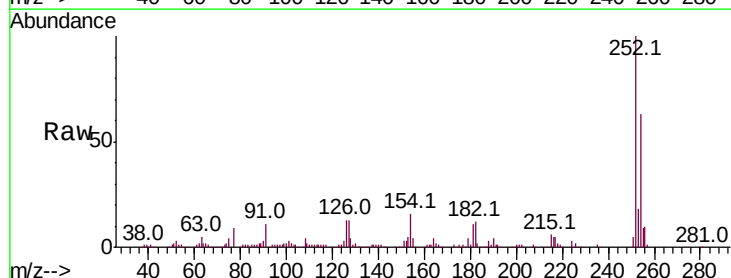
Tgt Ion:252 Resp: 159622

Ion Ratio Lower Upper

252 100

254 63.2 50.1 75.1

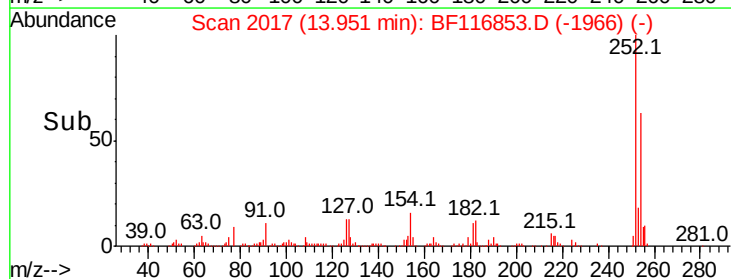
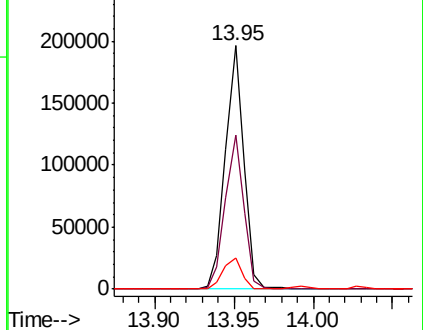
126 12.9 10.6 16.0

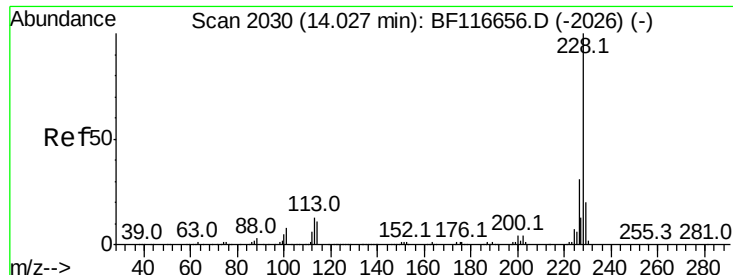


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

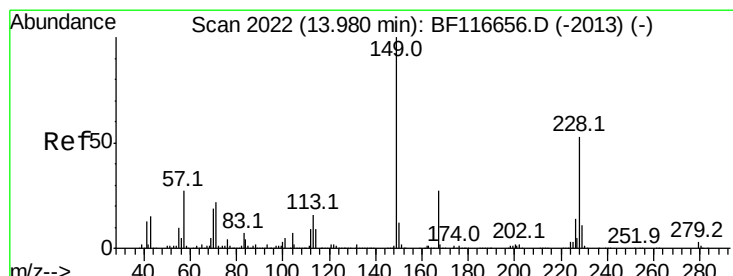
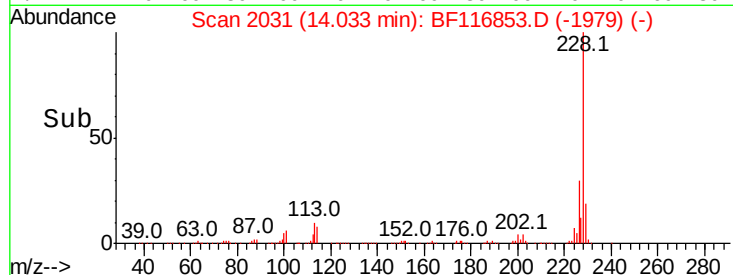
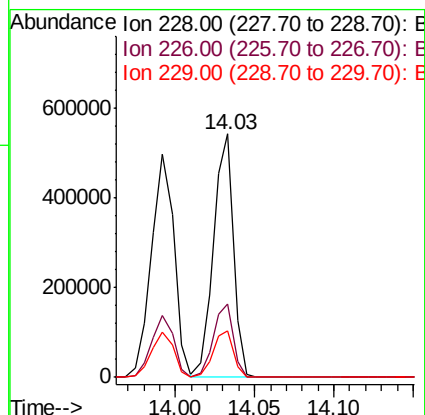
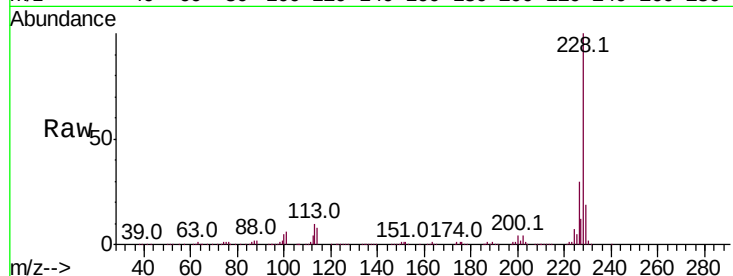




#83
 Chrysene
 Concen: 41.522 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

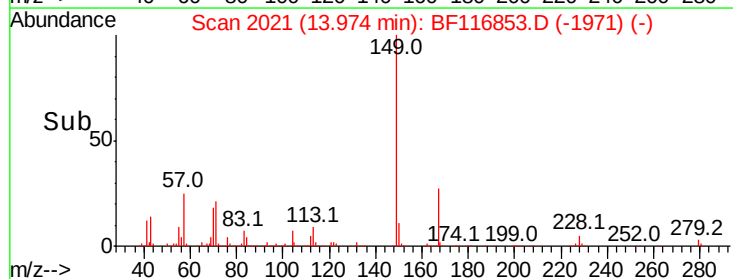
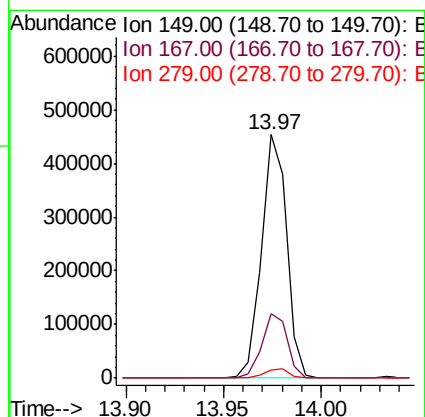
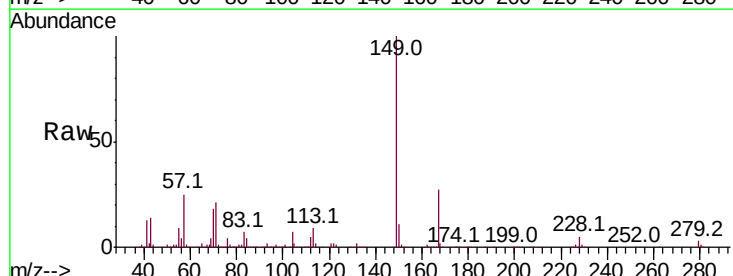
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

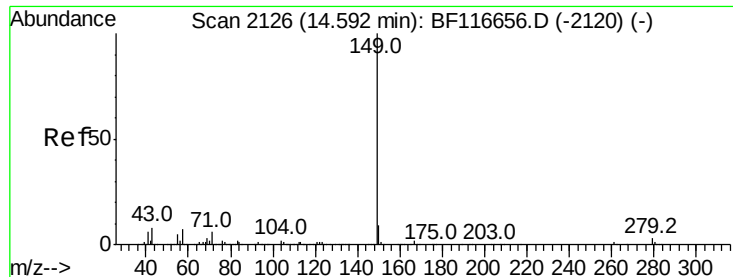
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	19.2	15.4	23.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.158 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF116853.D
 Acq: 6 Sep 2019 9:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.0	31.4
279	3.2	2.8	4.2

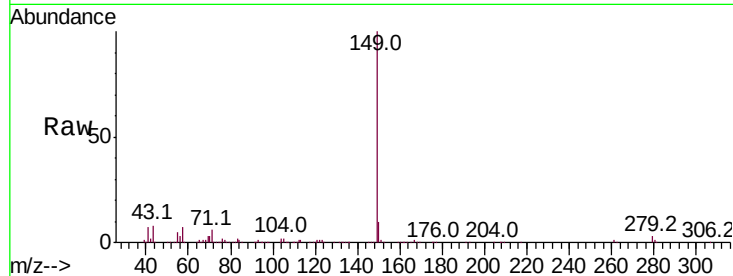




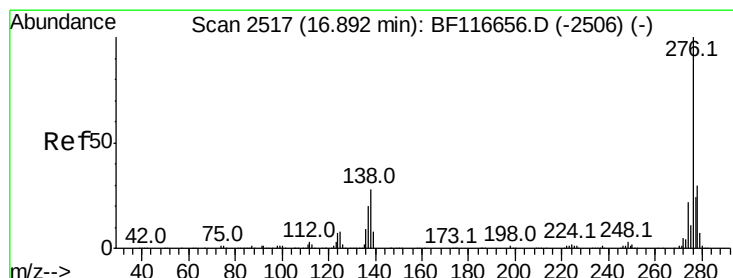
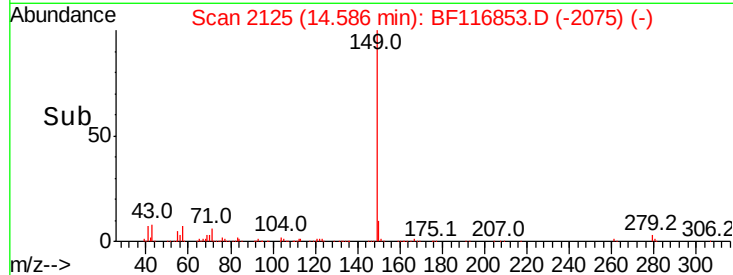
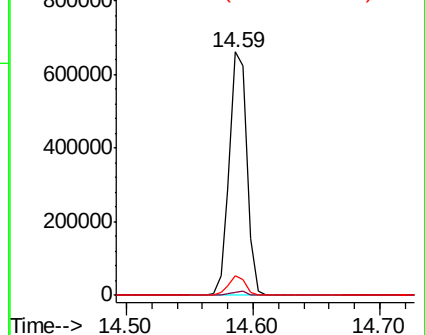
#85
Di-n-octyl phthalate
Concen: 41.220 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 635271
Ion Ratio Lower Upper
149 100
167 1.4 1.3 1.9
43 7.8 7.8 11.8#

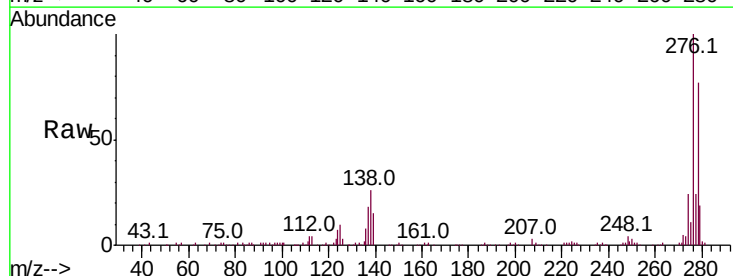


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

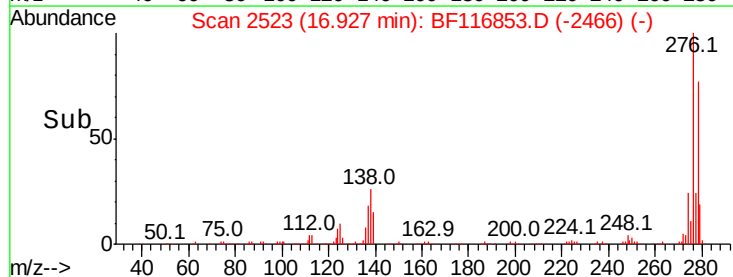
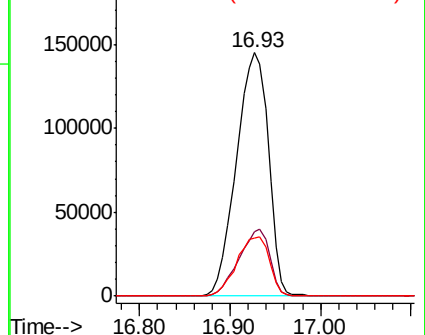


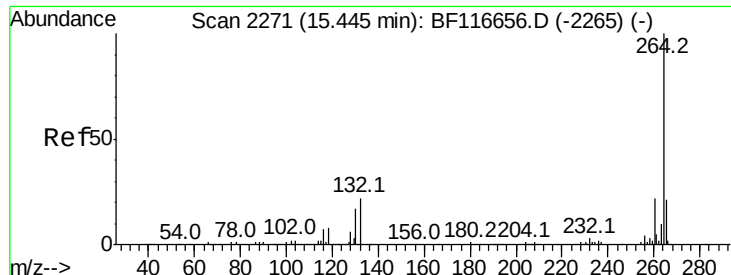
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.517 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.04 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion:276 Resp: 356021
Ion Ratio Lower Upper
276 100
138 26.3 19.4 29.2
277 24.7 20.5 30.7



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

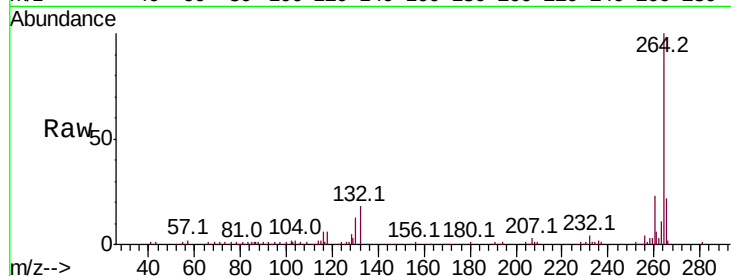




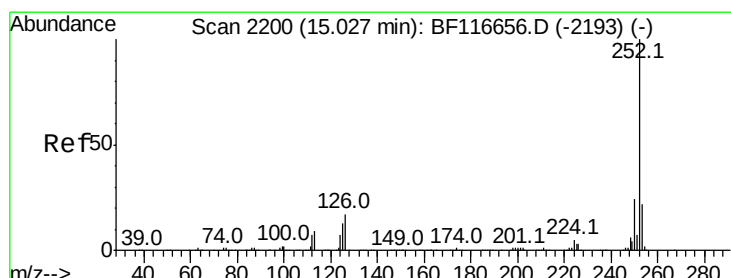
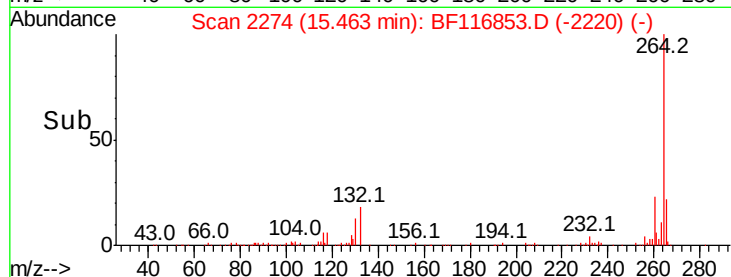
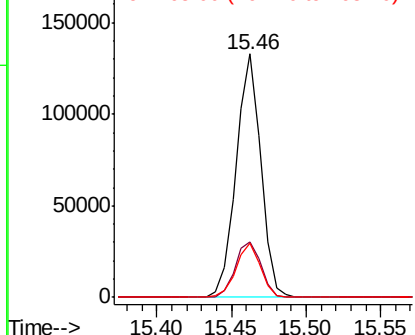
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 153970
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 22.4 16.5 24.7

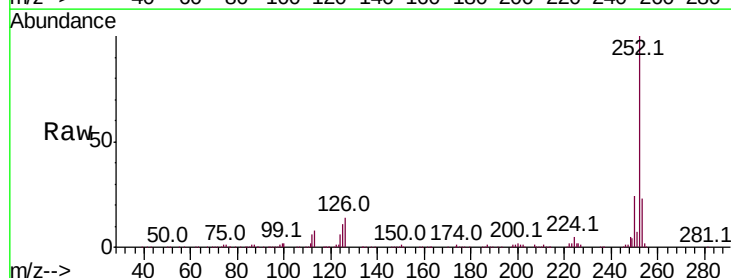


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

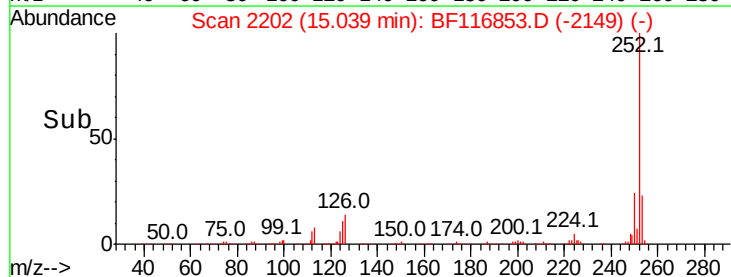
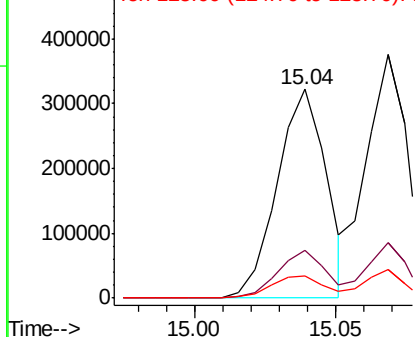


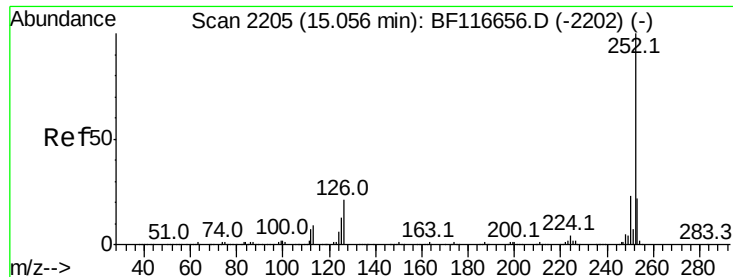
#88
Benzo(b)fluoranthene
Concen: 41.826 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion:252 Resp: 389349
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 10.9 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

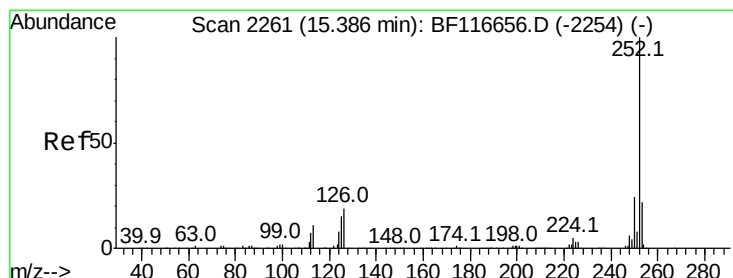
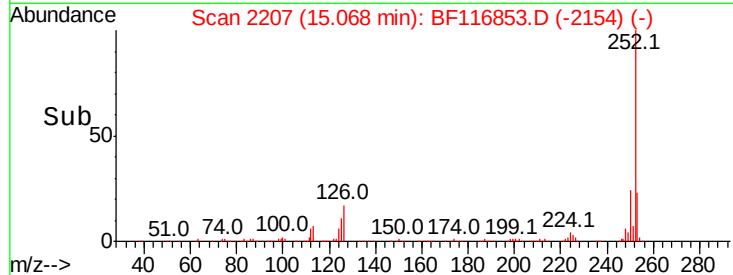
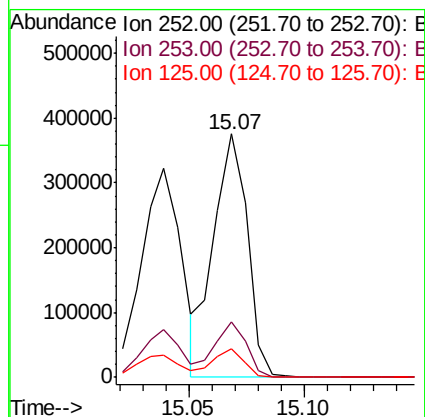
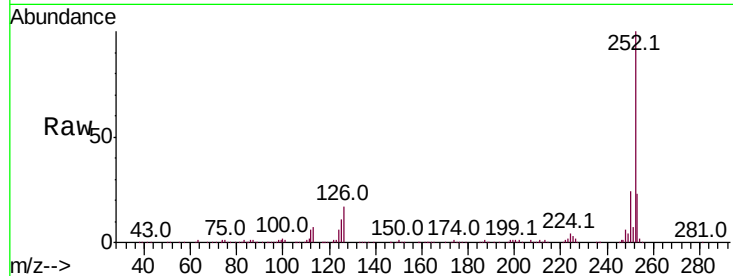




#89
Benzo(k)fluoranthene
Concen: 44.767 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

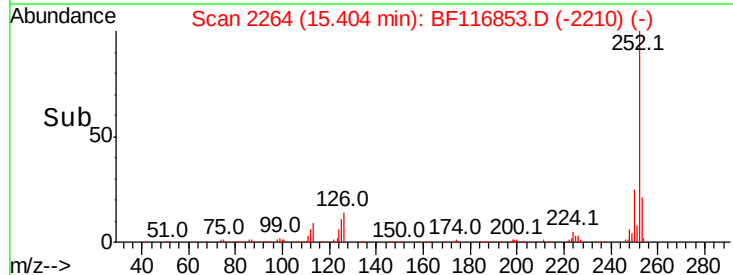
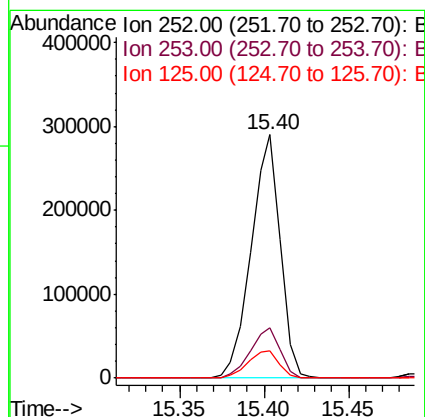
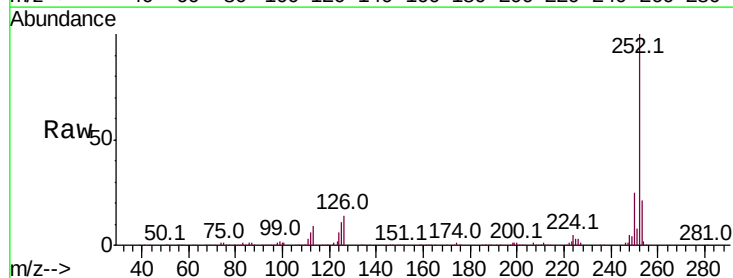
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

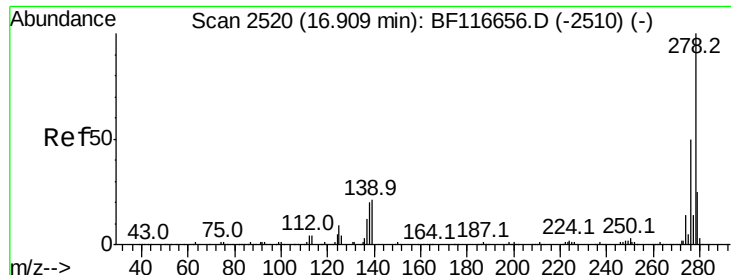
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	11.5	8.6	13.0



#90
Benzo(a)pyrene
Concen: 43.084 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.1	27.1
125	11.4	9.8	14.8

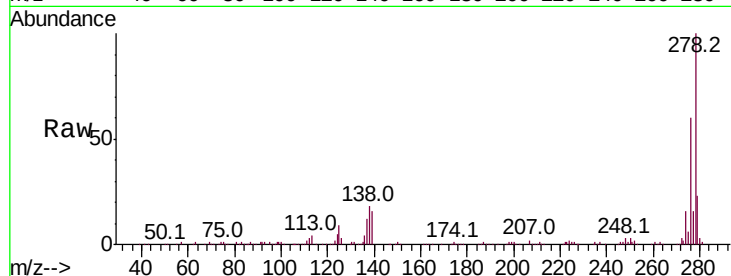




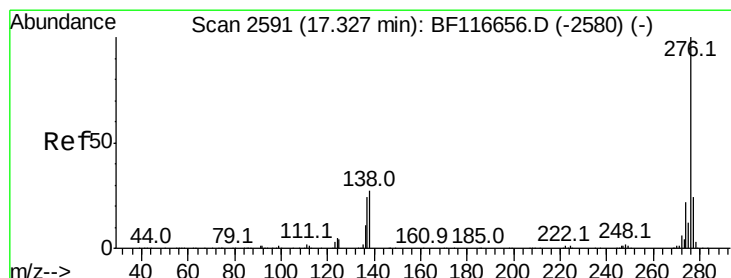
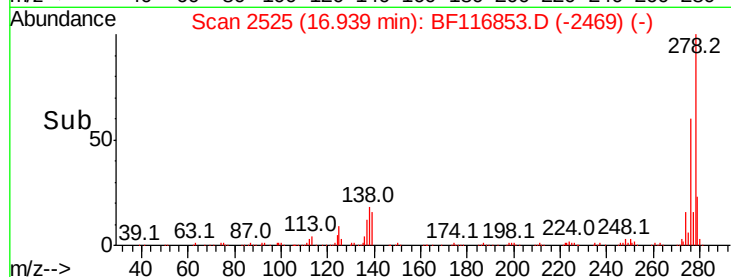
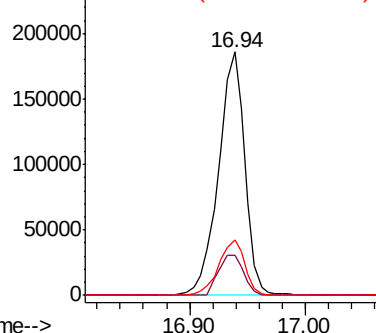
#91
Dibenzo(a,h)anthracene
Concen: 41.748 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.03 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.4	18.6
279	22.9	18.2	27.4

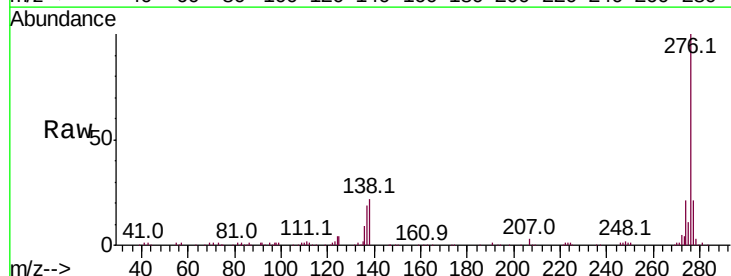


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.422 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.04 min
Lab File: BF116853.D
Acq: 6 Sep 2019 9:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.2	18.5	27.7
138	22.2	16.2	24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

