

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
 Data File : BF109677.D
 Acq On : 9 Oct 2018 5:24
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 09 08:19:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	86081	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	330673	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	133735	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	221367	20.00	ng	0.00
75) Chrysene-d12	13.83	240	174655	20.00	ng	0.00
86) Perylene-d12	15.22	264	156207	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	410324	84.61	ng	0.00
7) Phenol-d6	6.35	99	515829	79.62	ng	0.00
23) Nitrobenzene-d5	7.26	82	480557	80.11	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	105890	72.67	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	837752	86.27	ng	0.00
78) Terphenyl-d14	12.78	244	667049	73.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.36	88	110623	43.464	ng	97
3) Pyridine	3.07	79	205920	39.216	ng	97
4) n-Nitrosodimethylamine	3.02	42	70261	37.071	ng	98
6) Aniline	6.37	93	303561	40.224	ng	89
8) 2-Chlorophenol	6.49	128	241413	40.477	ng	97
9) Benzaldehyde	6.25	77	168558	40.432	ng	99
10) Phenol	6.36	94	275682	37.110	ng	95
11) bis(2-Chloroethyl)ether	6.44	93	255679	41.515	ng	98
12) 1,3-Dichlorobenzene	6.64	146	266903	39.126	ng	98
13) 1,4-Dichlorobenzene	6.72	146	293674	39.493	ng	99
14) 1,2-Dichlorobenzene	6.87	146	262156	40.144	ng	99
15) Benzyl Alcohol	6.85	79	181947	37.883	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	301150	36.877	ng	94
17) 2-Methylphenol	6.97	107	174702	37.041	ng	96
18) Hexachloroethane	7.20	117	90969	34.610	ng	94
19) n-Nitroso-di-n-propylamine	7.12	70	161769	35.607	ng	99
20) 3+4-Methylphenols	7.12	107	216499	37.252	ng	# 84
22) Acetophenone	7.11	105	321426	40.197	ng	99
24) Nitrobenzene	7.28	77	255730	40.969	ng	98
25) Isophorone	7.52	82	370086	37.152	ng	98
26) 2-Nitrophenol	7.60	139	117841	40.361	ng	98
27) 2,4-Dimethylphenol	7.65	122	164452	39.005	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	260882	38.719	ng	99
29) 2,4-Dichlorophenol	7.85	162	186343	39.403	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	208852	39.893	ng	98
31) Naphthalene	8.00	128	591031	38.648	ng	99
32) Benzoic acid	7.77	122	67988	22.554	ng	87
33) 4-Chloroaniline	8.06	127	252400	37.479	ng	99
34) Hexachlorobutadiene	8.12	225	128672	39.529	ng	99
35) Caprolactam	8.42	113	50307	35.619	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	182536	36.565	ng	97
37) 2-Methylnaphthalene	8.69	142	371099	37.046	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	198992	43.712	ng	99
40) Hexachlorocyclopentadiene	8.85	237	13903	13.550	ng	99

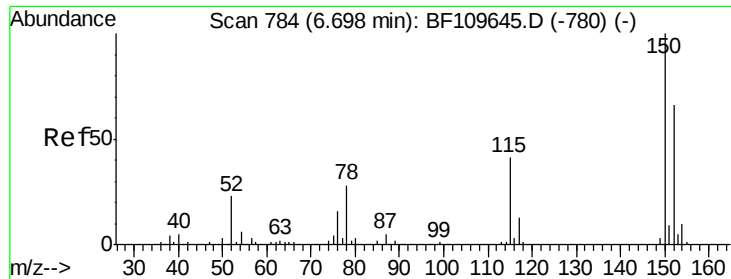
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	112898	41.485	ng	97
43) 2,4,5-Trichlorophenol	9.02	196	133067	42.526	ng	98
45) 1,1'-Biphenyl	9.15	154	511098	42.780	ng	100
46) 2-Chloronaphthalene	9.17	162	373111	41.685	ng	99
47) 2-Nitroaniline	9.28	65	111501	41.141	ng	93
48) Acenaphthylene	9.59	152	530105	40.624	ng	100
49) Dimethylphthalate	9.46	163	411362	41.941	ng	99
50) 2,6-Dinitrotoluene	9.52	165	87165	40.998	ng	99
51) Acenaphthene	9.76	154	301134	38.929	ng	99
52) 3-Nitroaniline	9.69	138	97160	40.768	ng	96
53) 2,4-Dinitrophenol	9.82	184	11362	16.564	ng	# 66
54) Dibenzofuran	9.93	168	458857	39.573	ng	96
55) 4-Nitrophenol	9.87	139	38651	29.629	ng	98
56) 2,4-Dinitrotoluene	9.92	165	103152	38.877	ng	97
57) Fluorene	10.27	166	330548	38.173	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	88525	34.804	ng	98
59) Diethylphthalate	10.15	149	392362	40.374	ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	182204	39.885	ng	99
61) 4-Nitroaniline	10.30	138	84616	38.338	ng	95
62) Azobenzene	10.42	77	377192	38.222	ng	99
64) 4,6-Dinitro-2-methylphenol	10.33	198	24331	22.582	ng	94
65) n-Nitrosodiphenylamine	10.39	169	326273	43.478	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	107368	42.212	ng	94
67) Hexachlorobenzene	10.82	284	109873	39.892	ng	97
68) Atrazine	10.91	200	98622	42.110	ng	100
69) Pentachlorophenol	11.02	266	54155	34.942	ng	98
70) Phenanthrene	11.23	178	432832	39.071	ng	99
71) Anthracene	11.28	178	466146	40.706	ng	99
72) Carbazole	11.44	167	440661	39.675	ng	99
73) Di-n-butylphthalate	11.77	149	546611	42.432	ng	99
74) Fluoranthene	12.41	202	450750	38.948	ng	98
76) Benzidine	12.54	184	267149	41.176	ng	97
77) Pyrene	12.63	202	460735	36.005	ng	99
79) Butylbenzylphthalate	13.25	149	214321	38.631	ng	97
80) Benzo(a)anthracene	13.82	228	380811	39.511	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	164575	42.407	ng	99
82) Chrysene	13.86	228	391388	38.660	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	287828	42.524	ng	98
84) Di-n-octyl phthalate	14.42	149	496929	46.447	ng	100
85) Indeno(1,2,3-cd)pyrene	16.57	276	296316	40.892	ng	100
87) Benzo(b)fluoranthene	14.83	252	328801	38.090	ng	98
88) Benzo(k)fluoranthene	14.86	252	333038	38.398	ng	99
89) Benzo(a)pyrene	15.17	252	304886	38.920	ng	98
90) Dibenzo(a,h)anthracene	16.58	278	247196	38.423	ng	98
91) Benzo(g,h,i)perylene	16.97	276	235846	36.711	ng	99

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

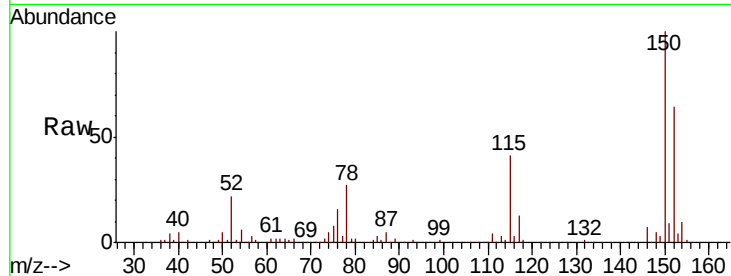


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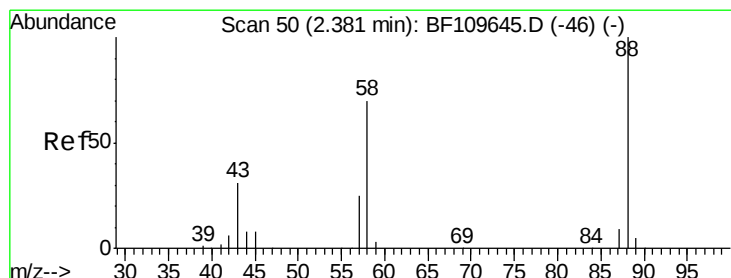
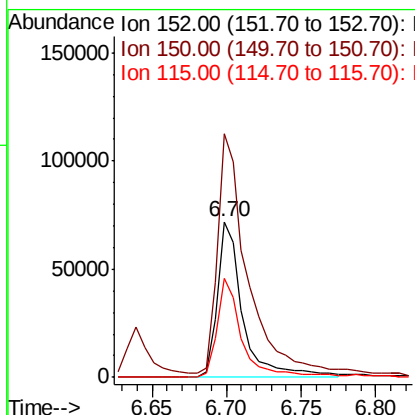
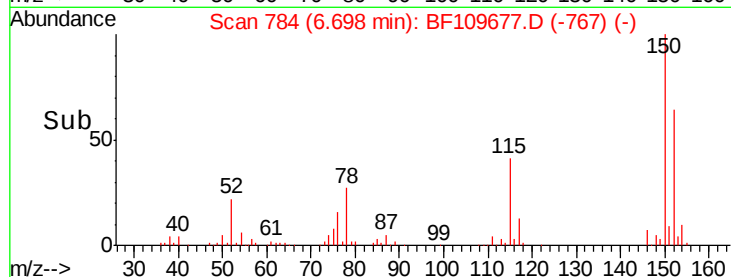
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 86081
Ion Ratio Lower Upper
152 100
150 156.3 122.7 184.1
115 63.8 49.1 73.7



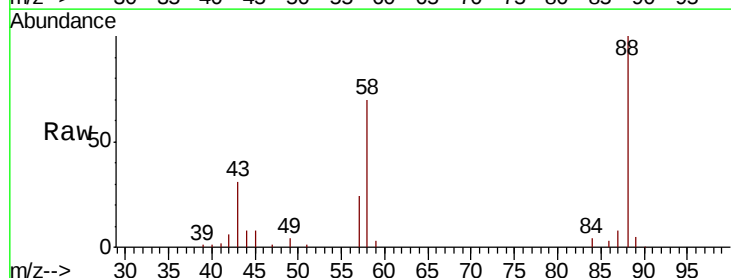
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



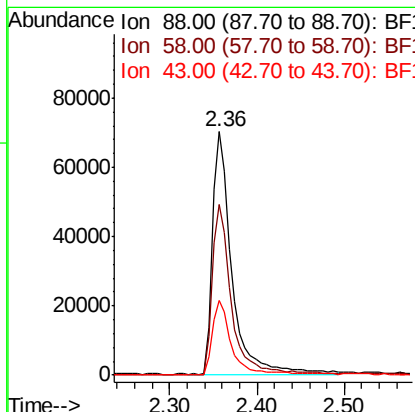
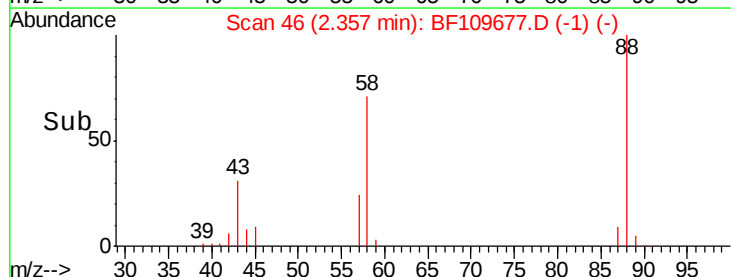
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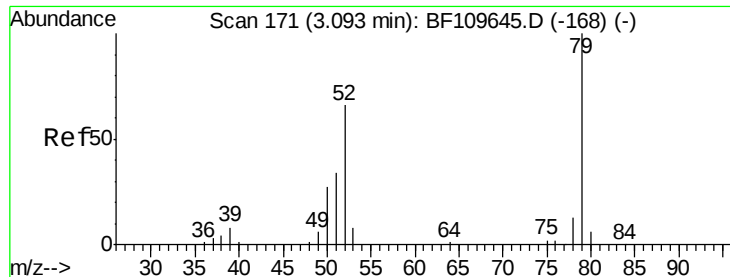
1,4-Dioxane
Concen: 43.464 ng
RT: 2.36 min Scan# 46
Delta R.T. -0.02 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion: 88 Resp: 110623
Ion Ratio Lower Upper
88 100
58 68.7 57.1 85.7
43 30.8 24.1 36.1



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

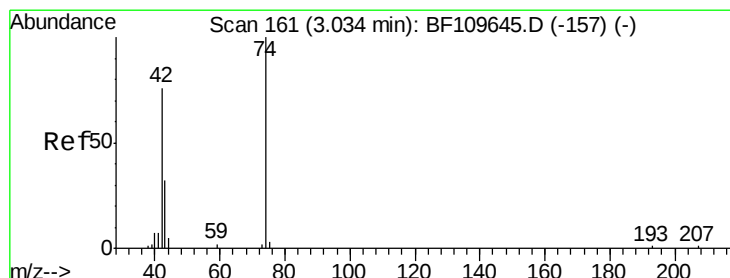
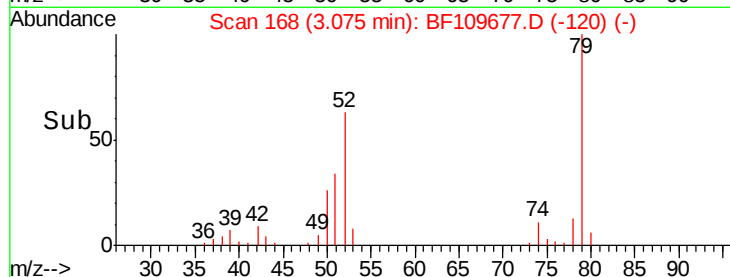
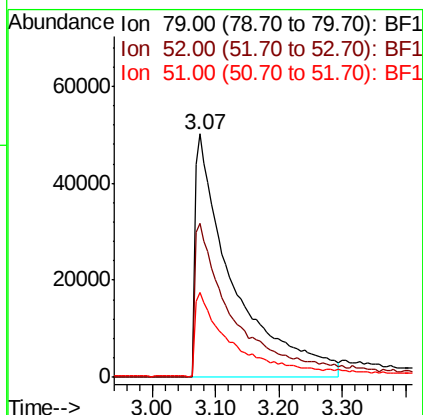
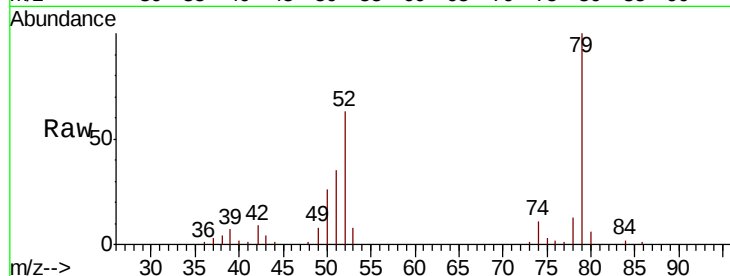




#3
 Pyridine
 Concen: 39.216 ng
 RT: 3.07 min Scan# 168
 Delta R.T. -0.02 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

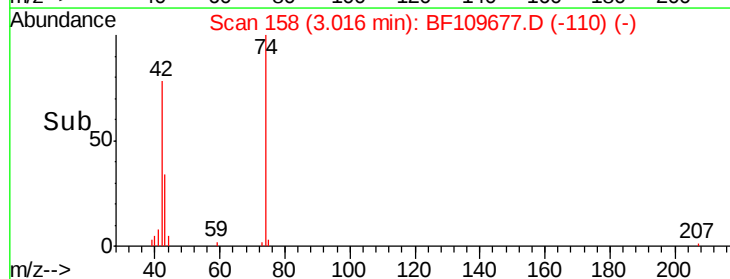
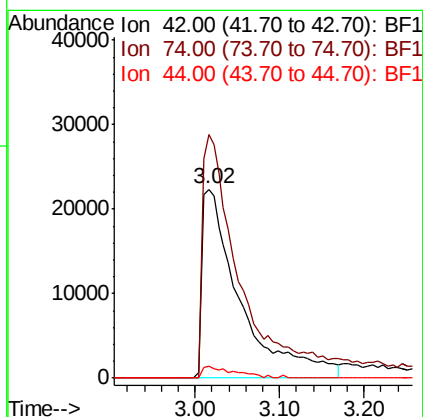
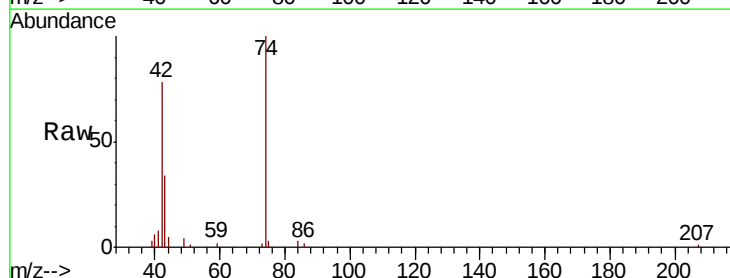
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

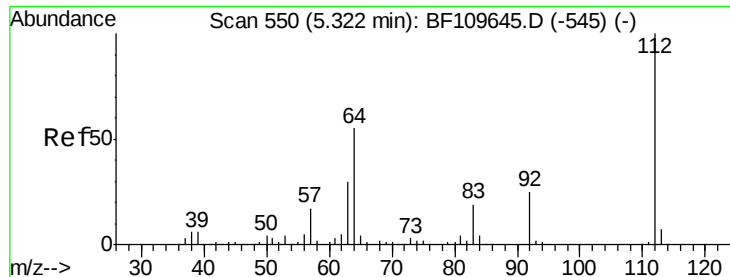
Tgt Ion: 79 Resp: 205920
 Ion Ratio Lower Upper
 79 100
 52 63.4 53.1 79.7
 51 34.7 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 37.071 ng
 RT: 3.02 min Scan# 158
 Delta R.T. -0.02 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Tgt Ion: 42 Resp: 70261
 Ion Ratio Lower Upper
 42 100
 74 128.9 105.5 158.3
 44 6.0 4.9 7.3





#5

2-Fluorophenol

Concen: 84.611 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

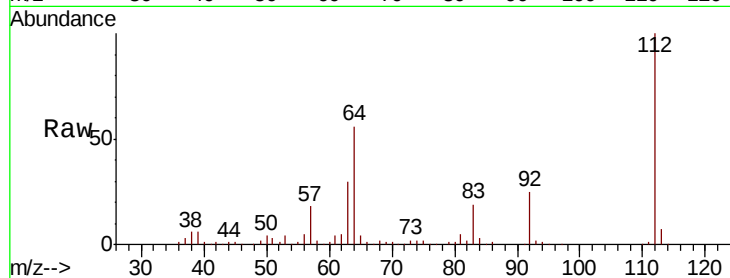
Tgt Ion: 112 Resp: 410324

Ion Ratio Lower Upper

112 100

64 56.0 44.1 66.1

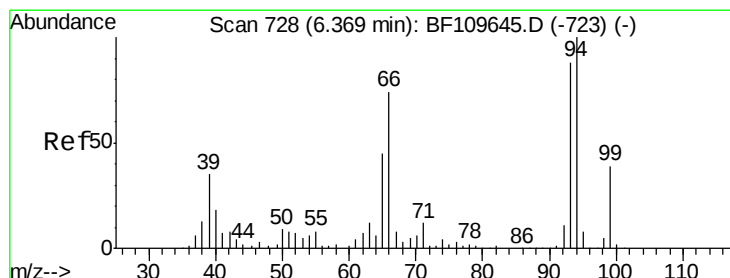
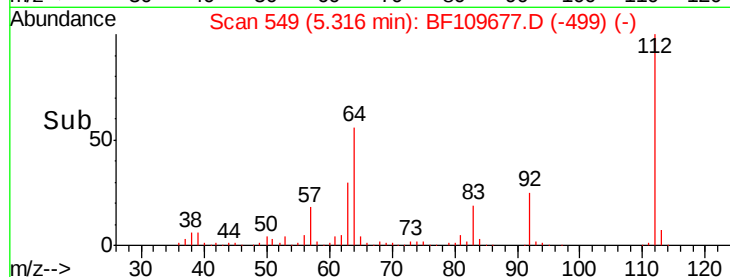
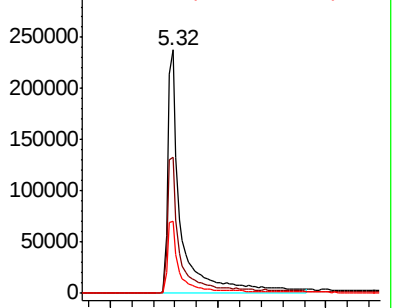
63 29.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.224 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

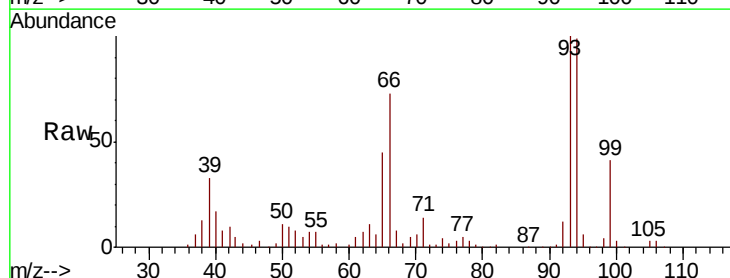
Tgt Ion: 93 Resp: 303561

Ion Ratio Lower Upper

93 100

66 73.3 67.4 101.0

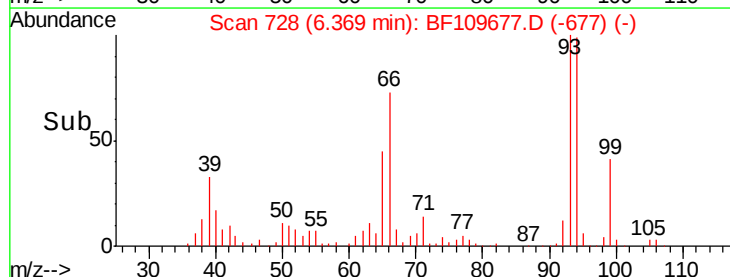
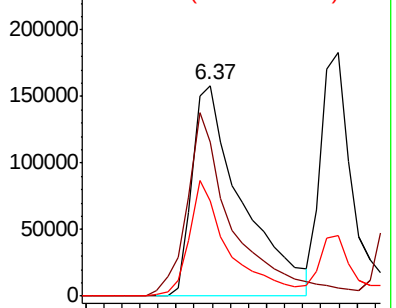
65 45.3 41.0 61.4

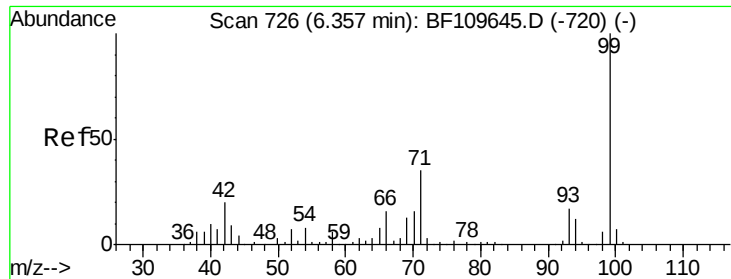


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.622 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

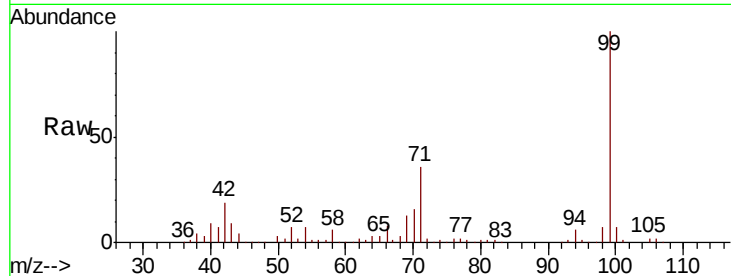
Tgt Ion: 99 Resp: 515829

Ion Ratio Lower Upper

99 100

42 19.4 15.8 23.6

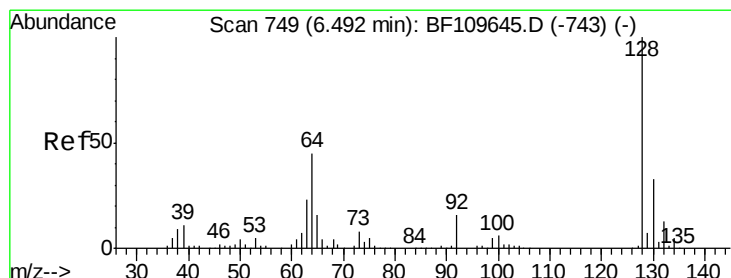
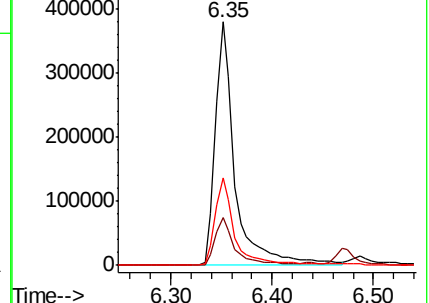
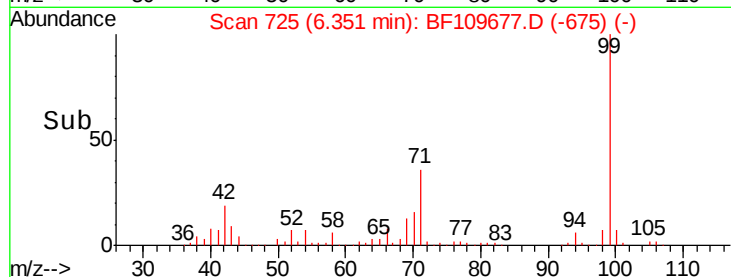
71 35.9 28.0 42.0



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: 40.477 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

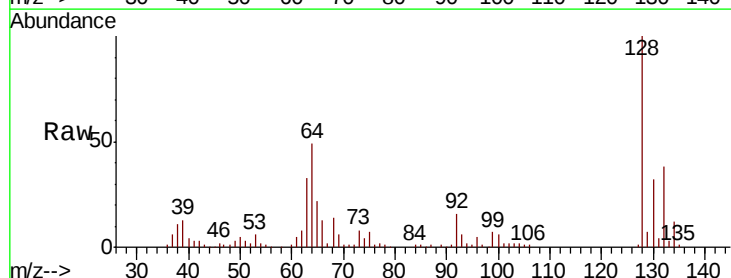
Tgt Ion: 128 Resp: 241413

Ion Ratio Lower Upper

128 100

130 32.0 13.1 53.1

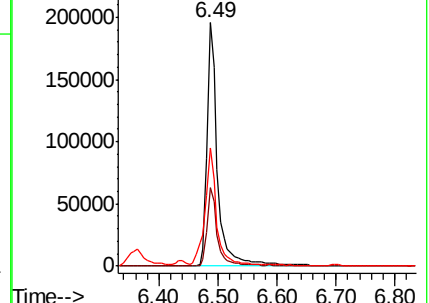
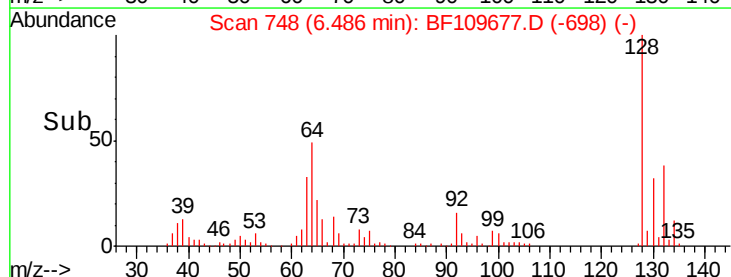
64 48.7 26.0 66.0

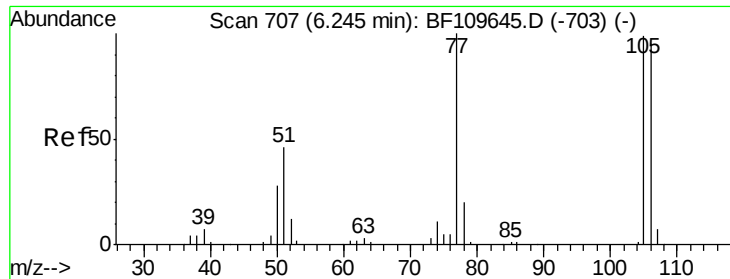


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

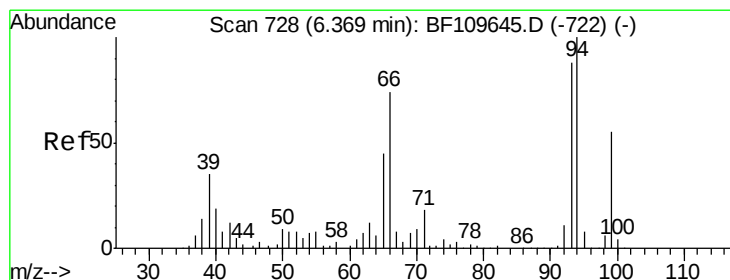
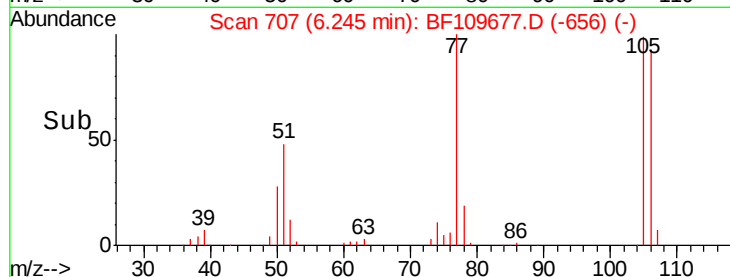
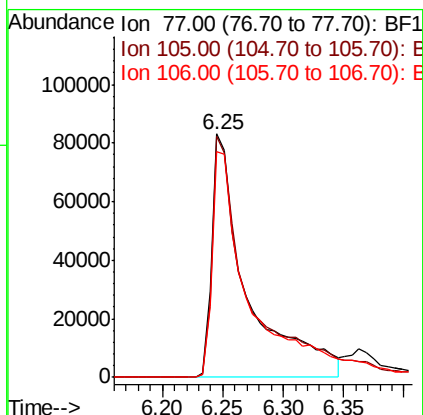
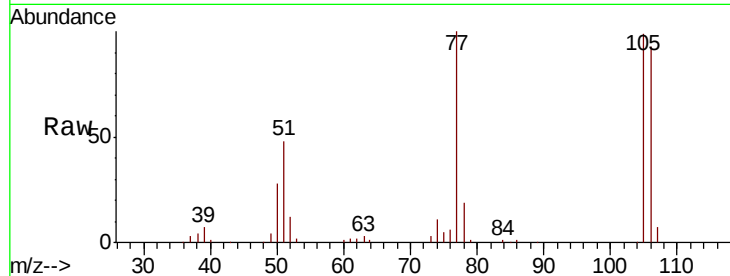




#9
Benzaldehyde
Concen: 40.432 ng
RT: 6.25 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

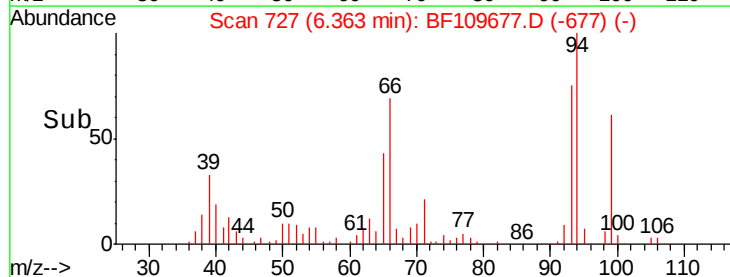
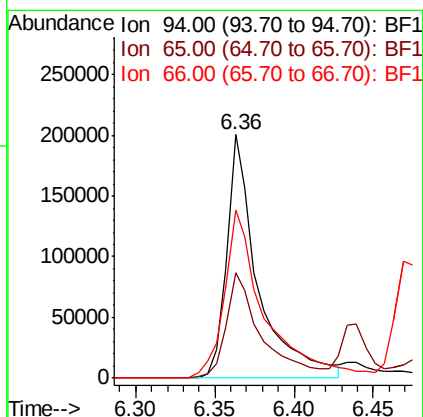
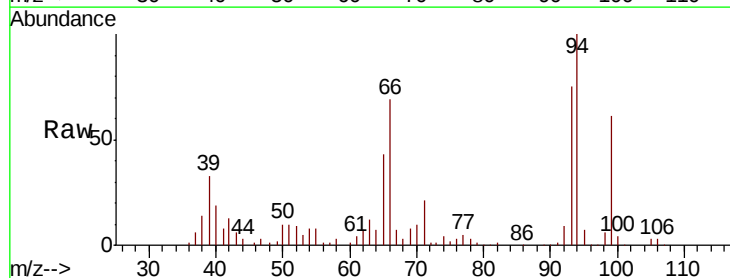
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 168558
Ion Ratio Lower Upper
77 100
105 99.0 78.6 118.6
106 92.6 74.8 114.8



#10
Phenol
Concen: 37.110 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion: 94 Resp: 275682
Ion Ratio Lower Upper
94 100
65 43.3 25.3 65.3
66 69.0 54.5 94.5

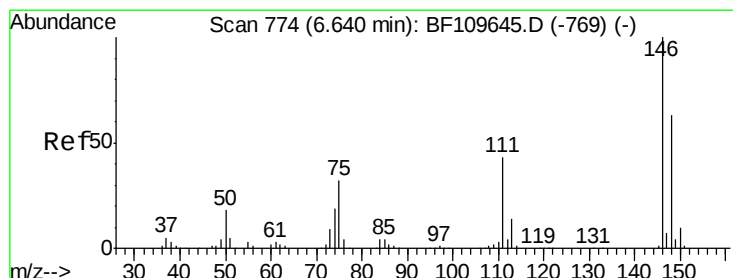
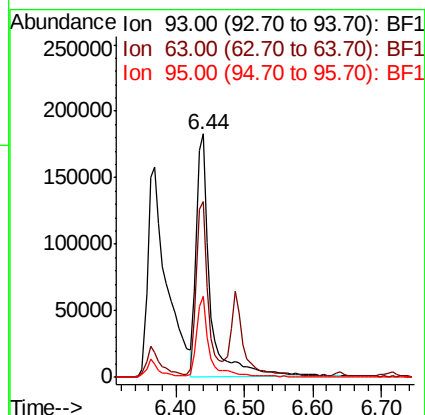
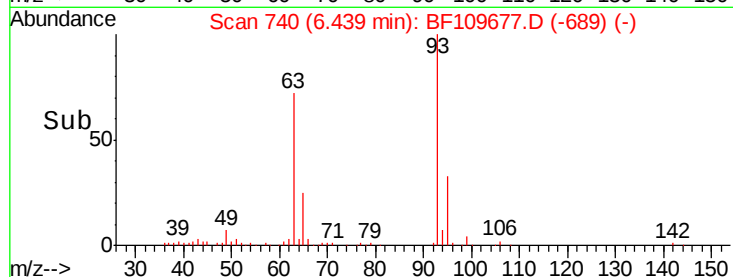
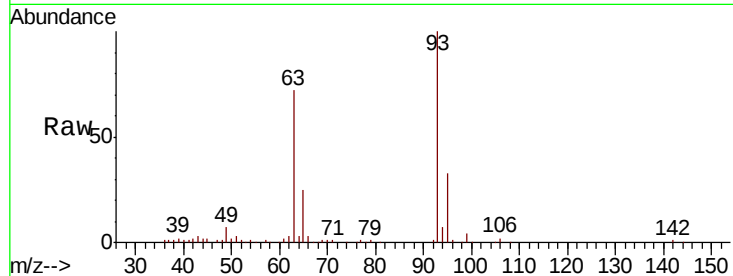




#11
bis(2-Chloroethyl)ether
Concen: 41.515 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

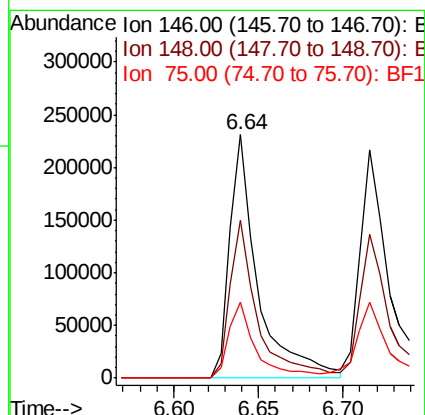
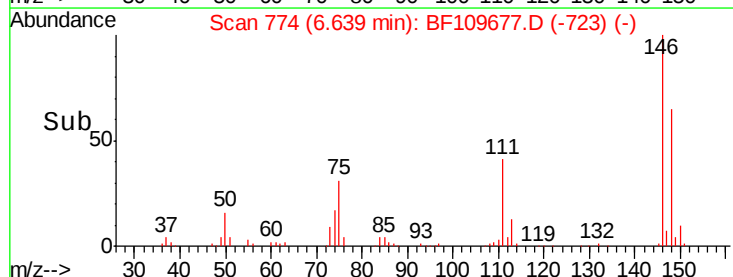
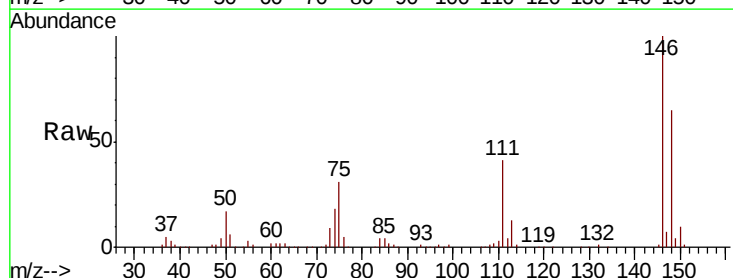
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 255679
Ion Ratio Lower Upper
93 100
63 72.2 53.4 93.4
95 33.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 39.126 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion: 146 Resp: 266903
Ion Ratio Lower Upper
146 100
148 65.0 50.4 75.6
75 31.2 25.8 38.6

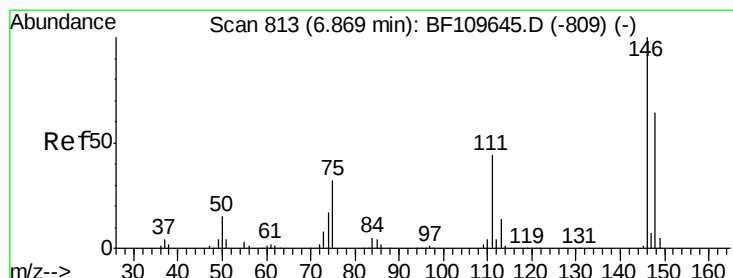
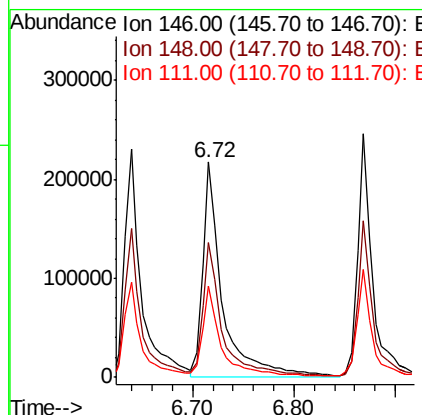
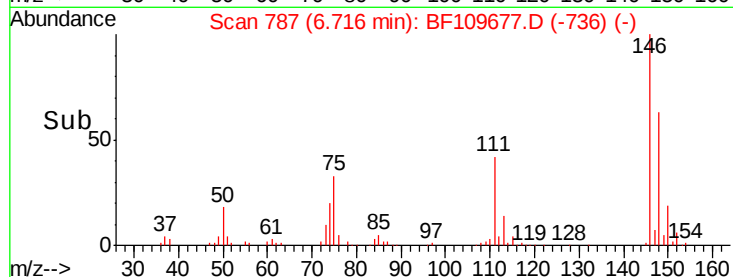
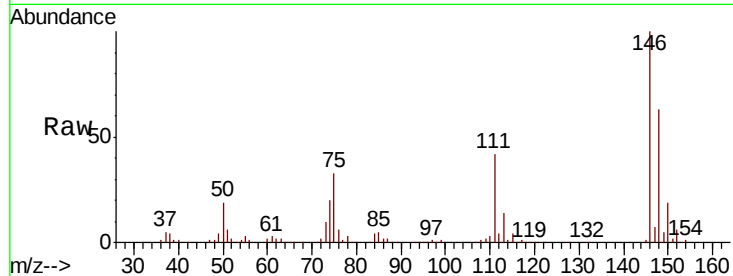




#13
 1,4-Dichlorobenzene
 Concen: 39.493 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

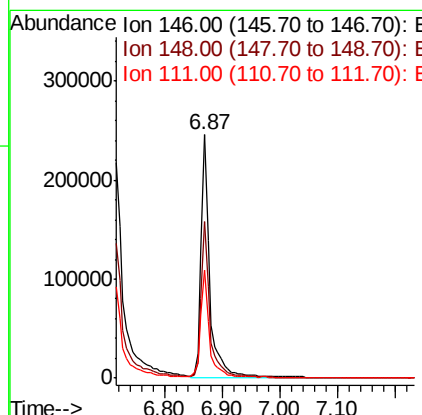
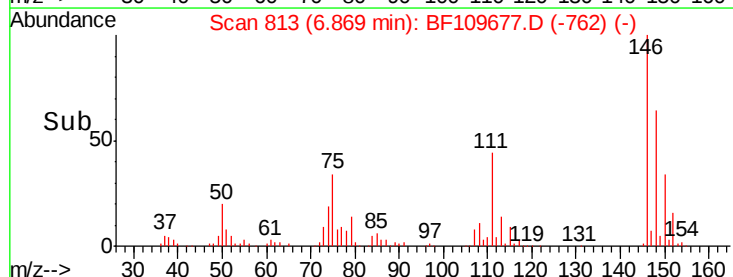
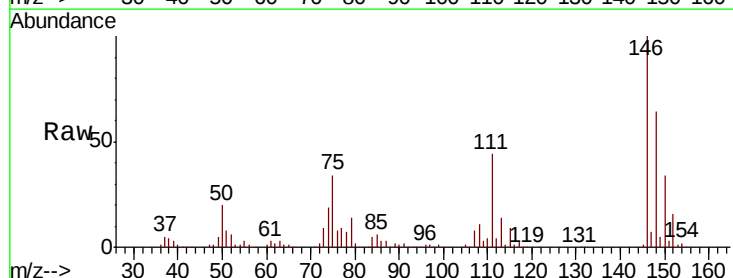
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

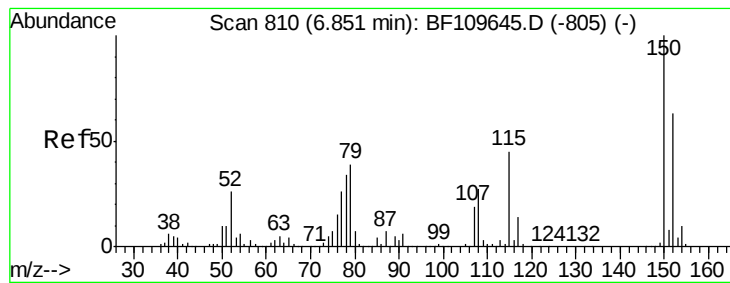
Tgt Ion:146 Resp: 293674
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.3 75.5
 111 42.3 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 40.144 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Tgt Ion:146 Resp: 262156
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 44.2 35.8 53.6





#15

Benzyl Alcohol

Concen: 37.883 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

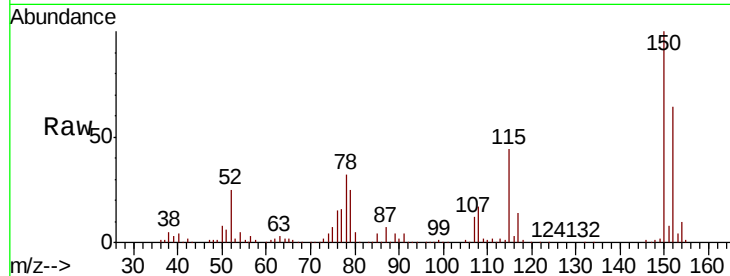
Tgt Ion: 79 Resp: 181947

Ion Ratio Lower Upper

79 100

108 70.2 56.3 84.5

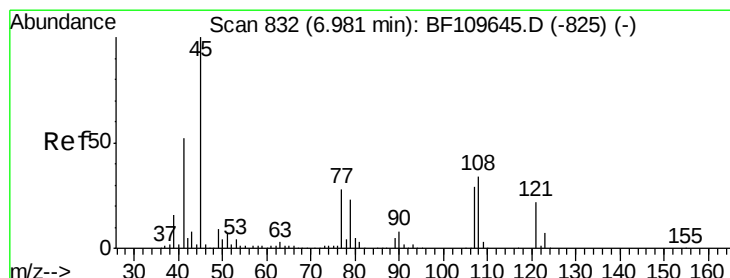
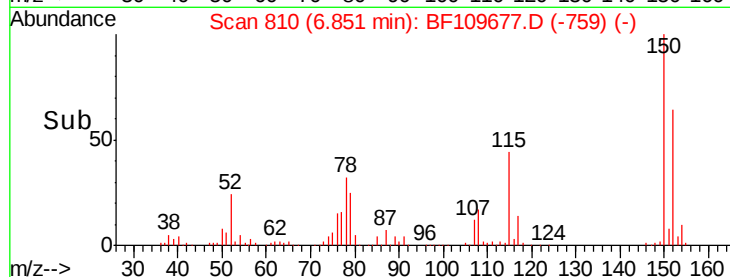
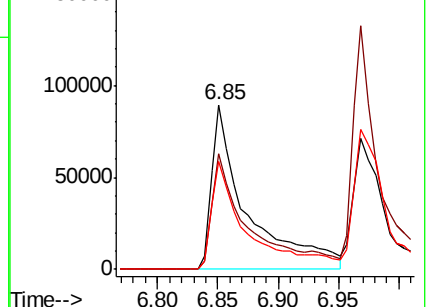
77 65.3 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.877 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

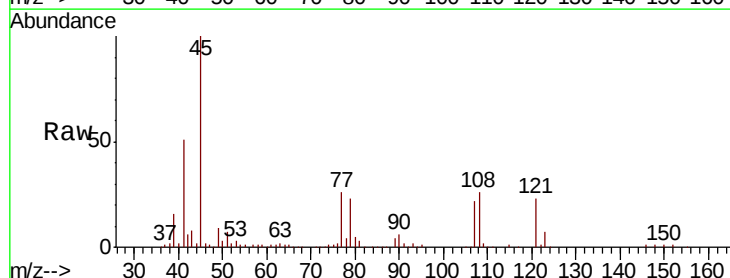
Tgt Ion: 45 Resp: 301150

Ion Ratio Lower Upper

45 100

77 26.3 10.0 50.0

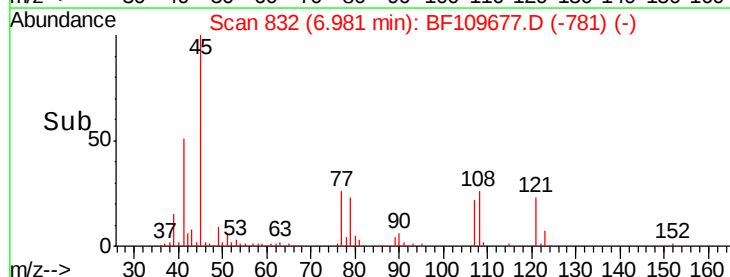
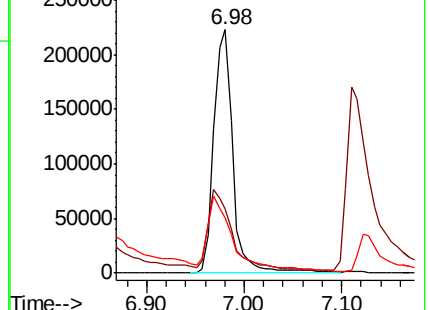
79 23.0 6.1 46.1

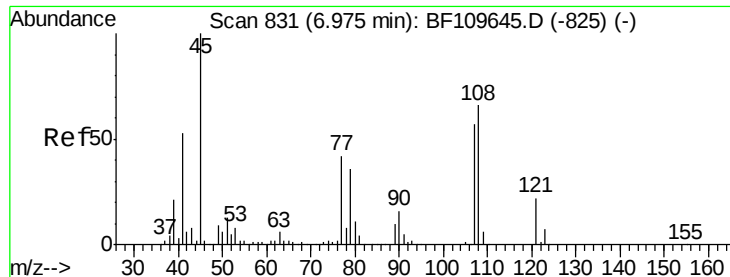


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

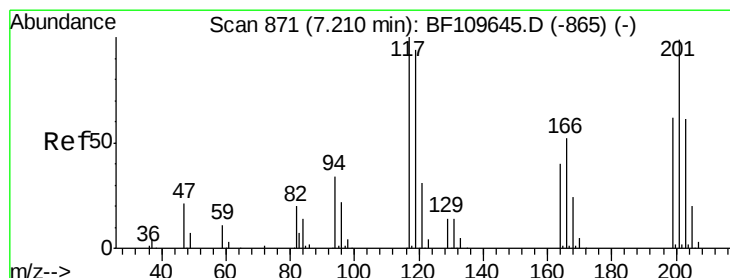
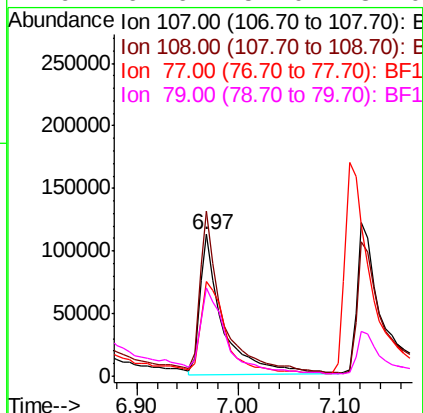
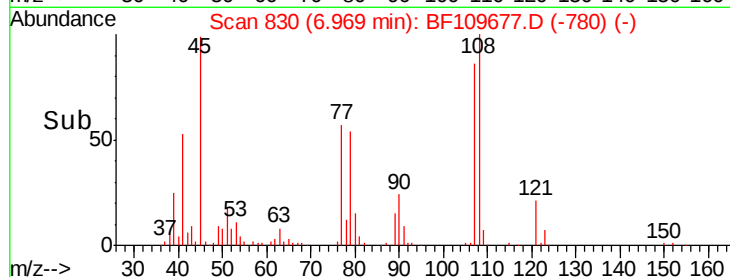
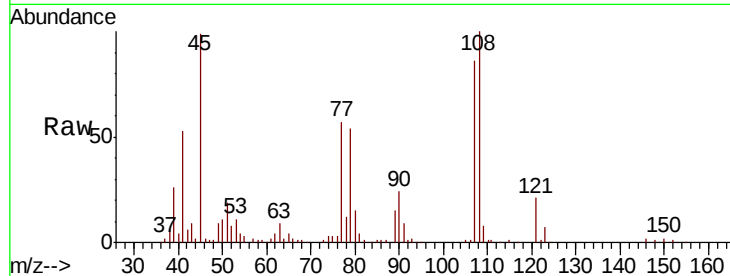




#17
2-Methylphenol
Concen: 37.041 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

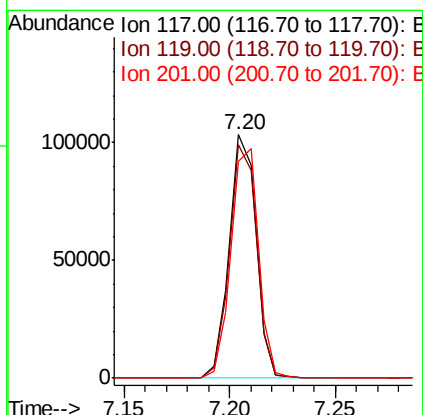
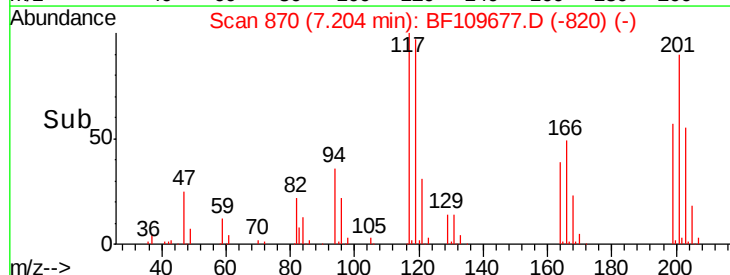
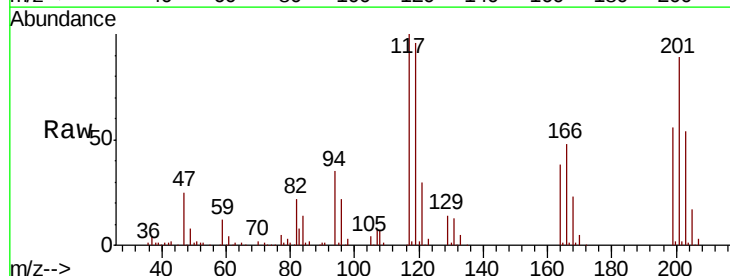
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 174702
Ion Ratio Lower Upper
107 100
108 116.6 92.6 138.8
77 66.9 59.4 89.2
79 62.6 54.0 81.0



#18
Hexachloroethane
Concen: 34.610 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion:117 Resp: 90969
Ion Ratio Lower Upper
117 100
119 96.1 75.0 112.6
201 88.9 79.2 118.8

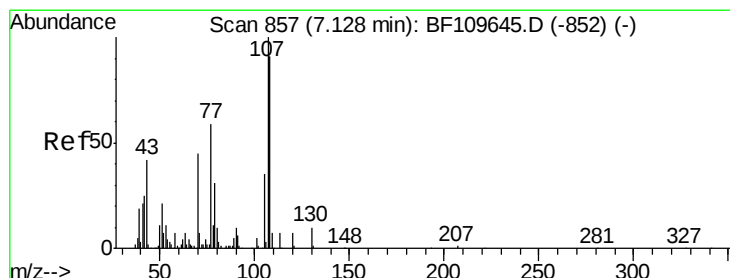
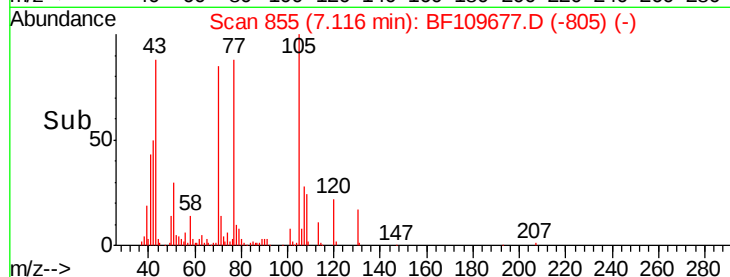
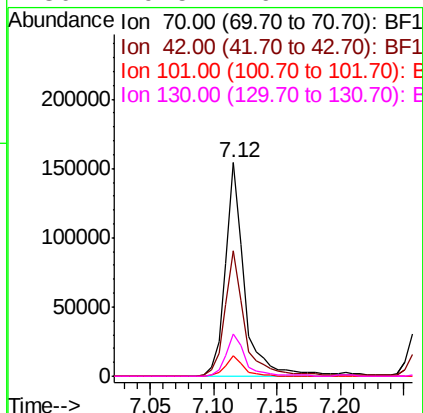
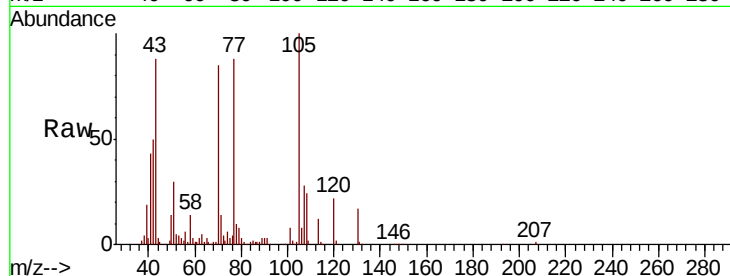




#19
n-Nitroso-di-n-propylamine
Concen: 35.607 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

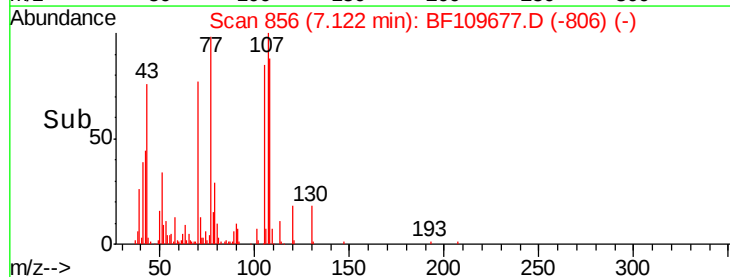
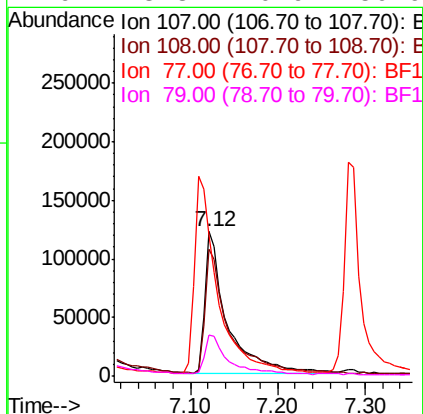
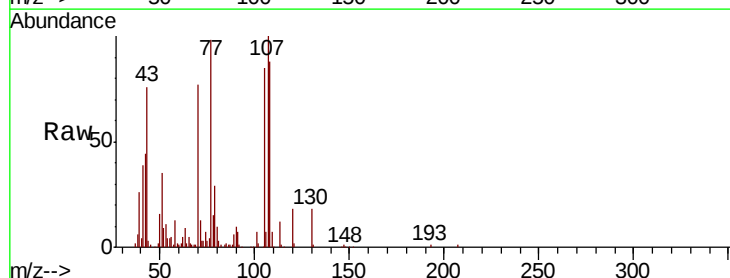
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

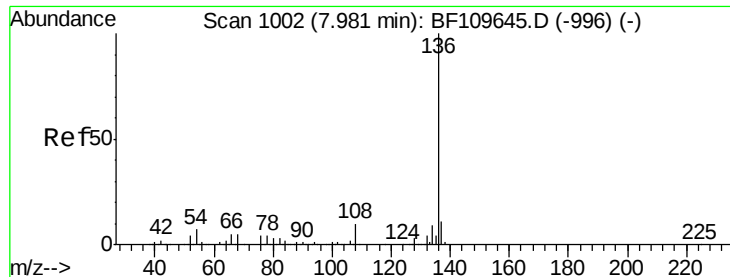
Tgt Ion:	70	Resp:	161769
Ion	Ratio	Lower	Upper
70	100		
42	58.9	47.4	71.2
101	9.6	7.3	10.9
130	19.5	16.2	24.2



#20
3+4-Methylphenols
Concen: 37.252 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion:	107	Resp:	216499
Ion	Ratio	Lower	Upper
107	100		
108	87.5	71.4	111.4
77	97.8	47.3	87.3#
79	28.8	10.9	50.9

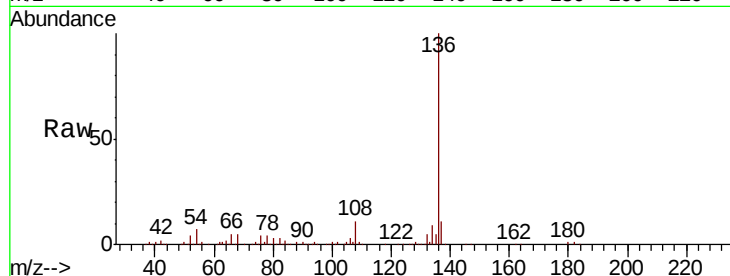




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	330673
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.4	8.2
68	5.1	4.2	6.2



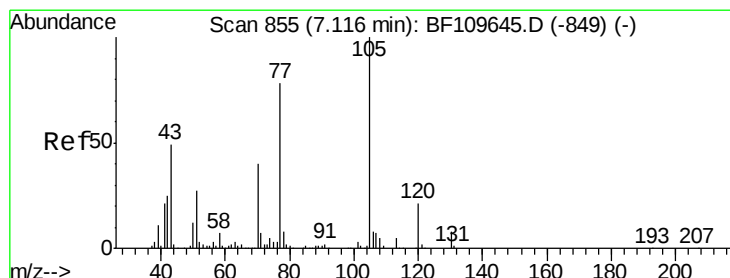
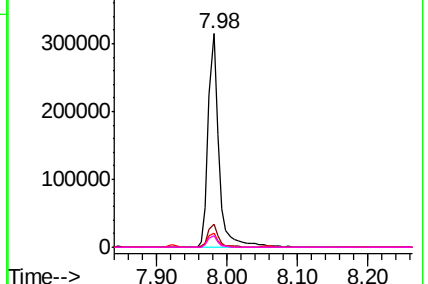
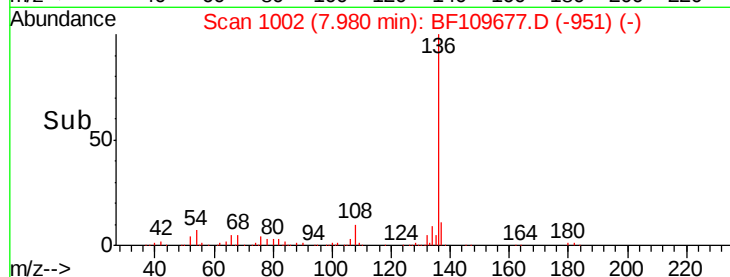
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

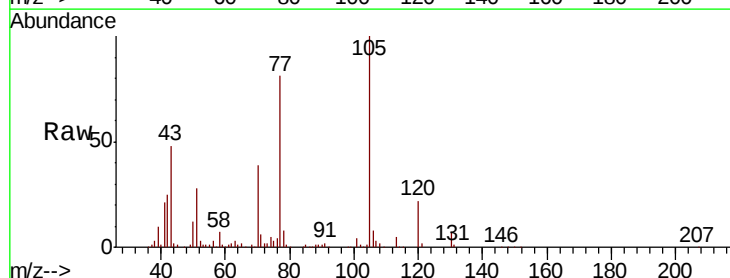
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.197 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion:	105	Resp:	321426
Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.2	7.8
51	27.6	21.8	32.8
120	21.6	17.0	25.4



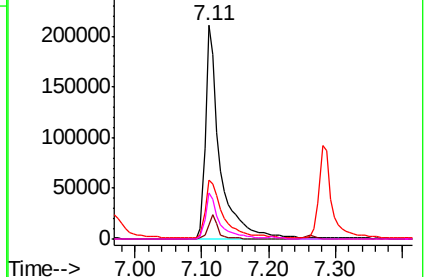
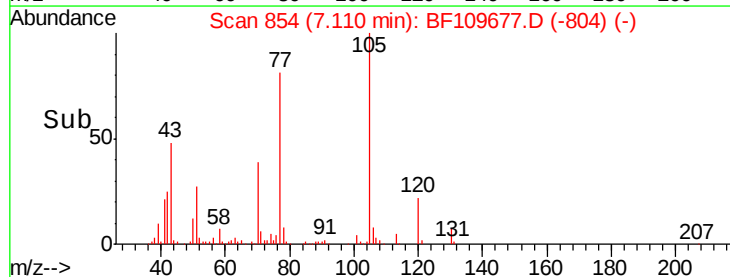
Abundance

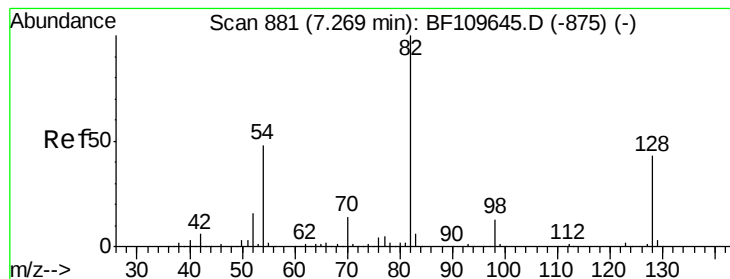
Ion 105.00 (104.70 to 105.70): E

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: 80.109 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

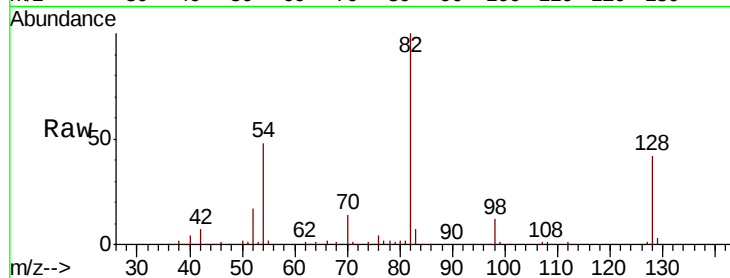
Tgt Ion: 82 Resp: 480557

Ion Ratio Lower Upper

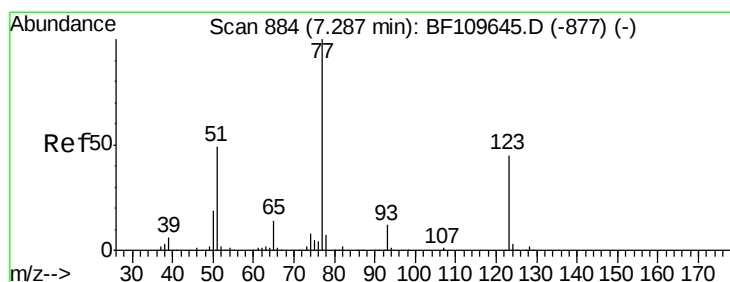
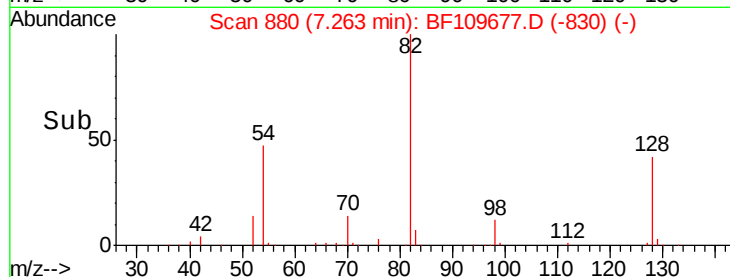
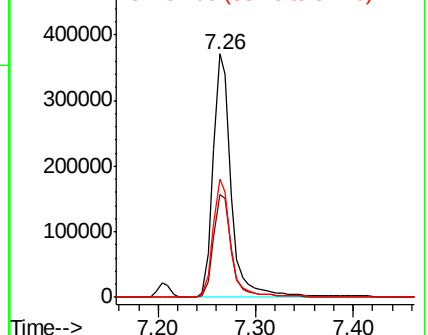
82 100

128 42.1 34.2 51.2

54 48.4 38.6 58.0



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



#24

Nitrobenzene

Concen: 40.969 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

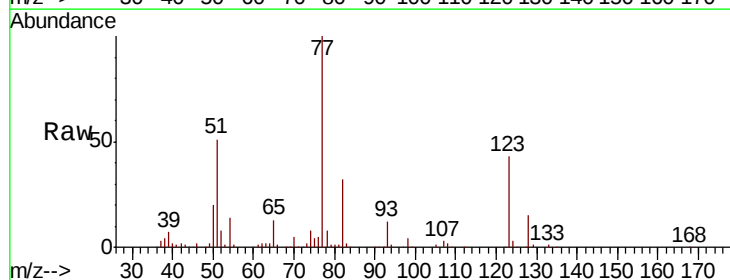
Tgt Ion: 77 Resp: 255730

Ion Ratio Lower Upper

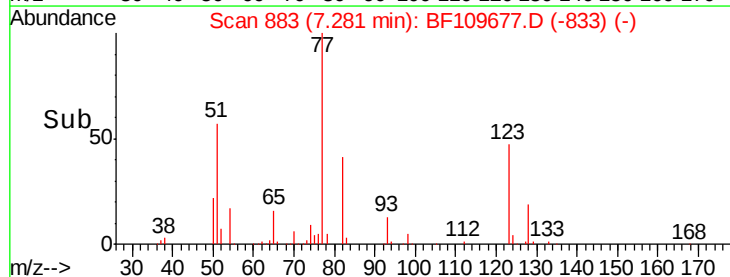
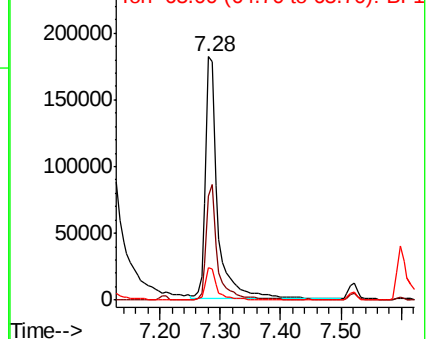
77 100

123 42.7 35.7 53.5

65 13.5 10.7 16.1



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

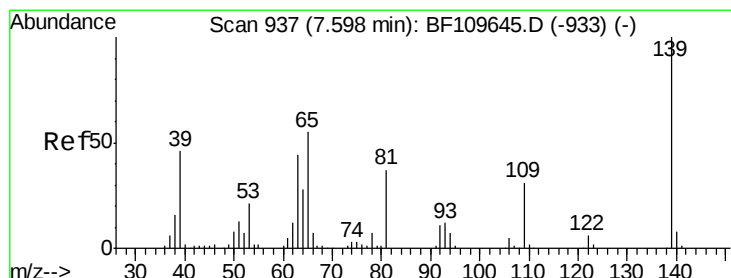
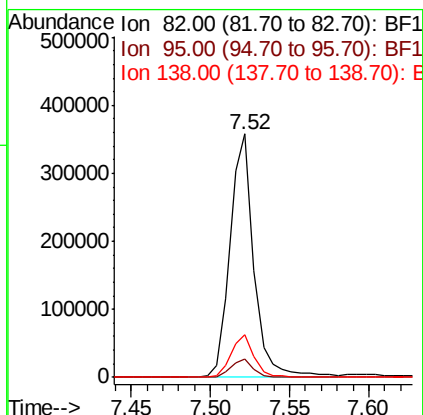
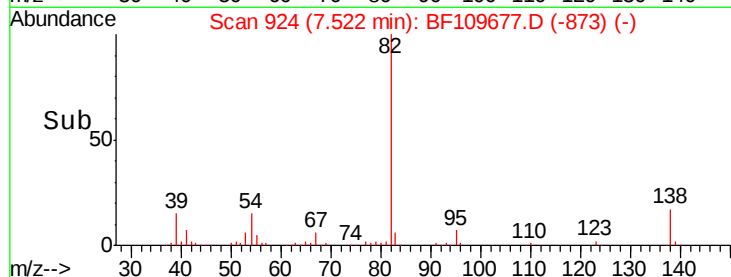
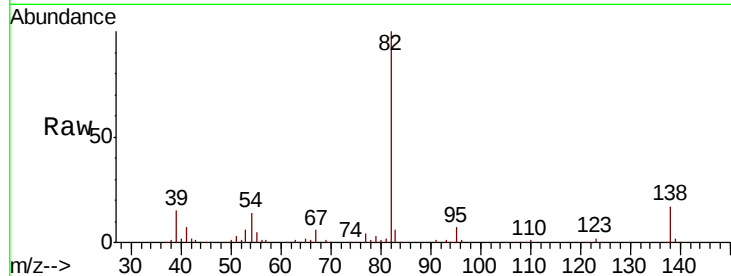




#25
Isophorone
Concen: 37.152 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

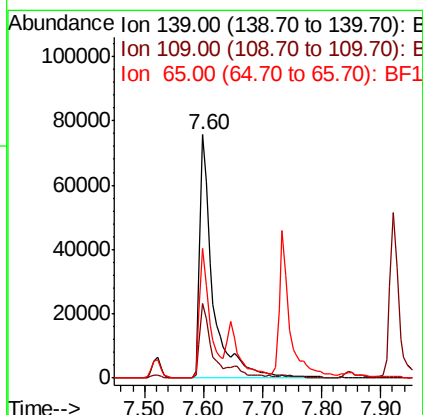
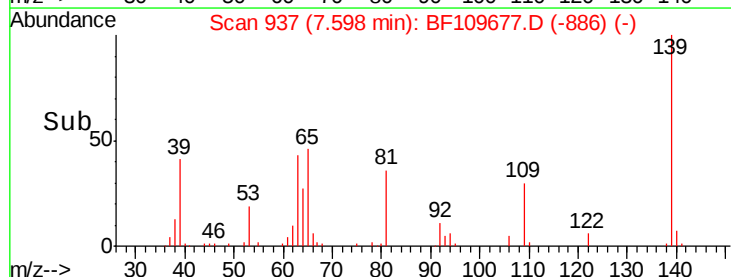
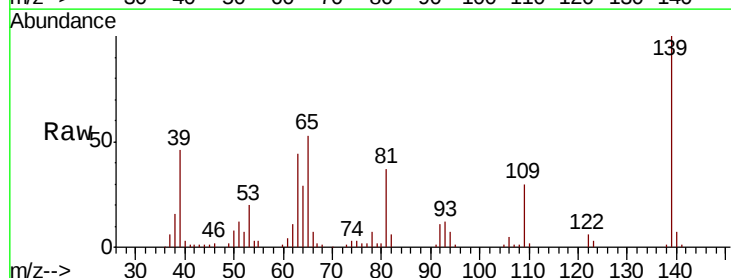
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

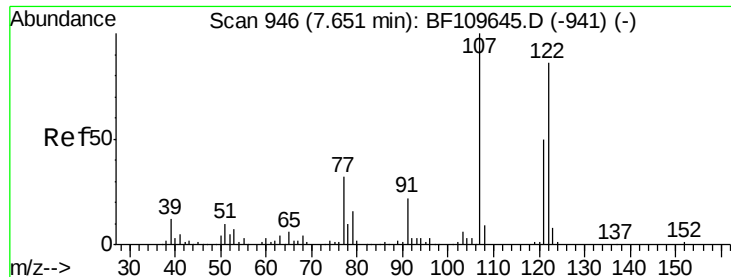
Tgt Ion: 82 Resp: 370086
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 17.5 13.2 19.8



#26
2-Nitrophenol
Concen: 40.361 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion: 139 Resp: 117841
Ion Ratio Lower Upper
139 100
109 30.5 25.0 37.6
65 53.1 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 39.005 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

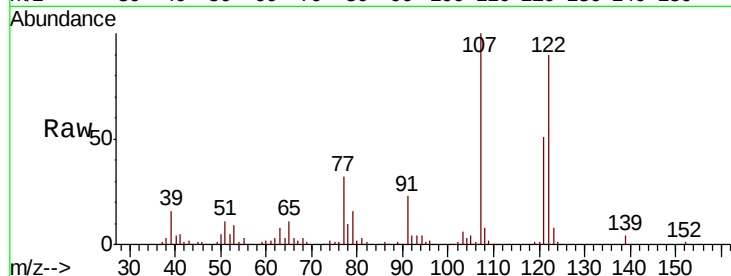
Tgt Ion: 122 Resp: 164452

Ion Ratio Lower Upper

122 100

107 111.6 92.5 138.7

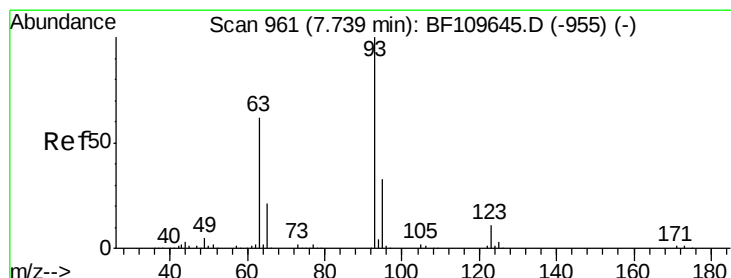
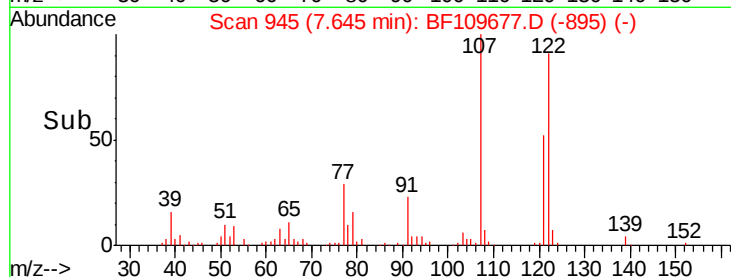
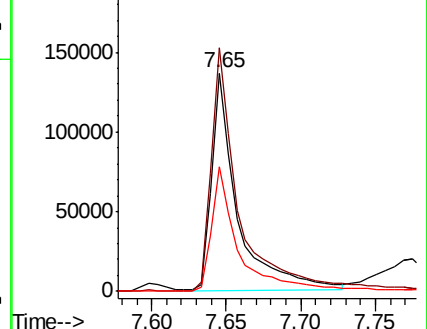
121 57.3 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.719 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

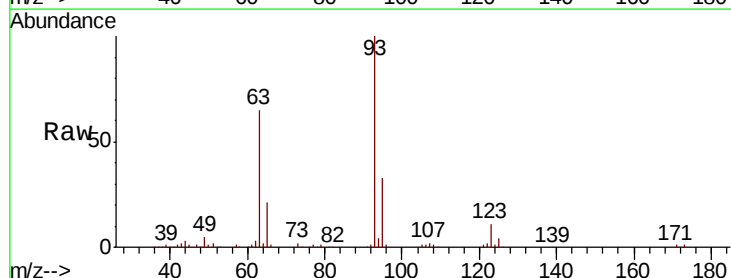
Tgt Ion: 93 Resp: 260882

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

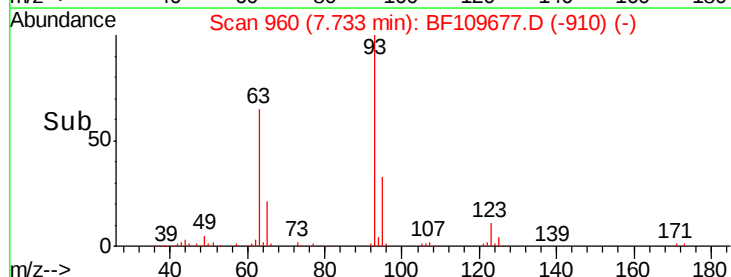
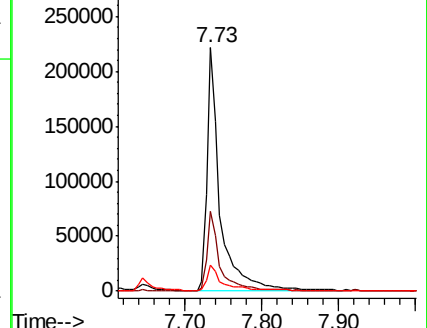
123 10.8 9.0 13.6

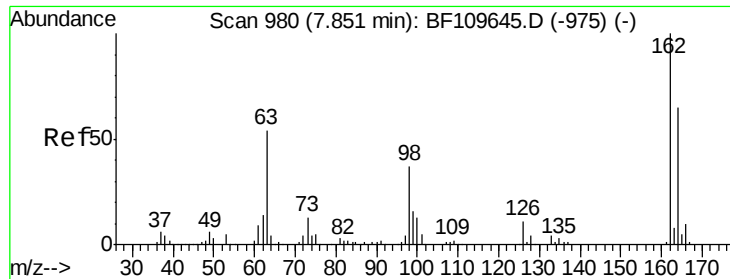


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

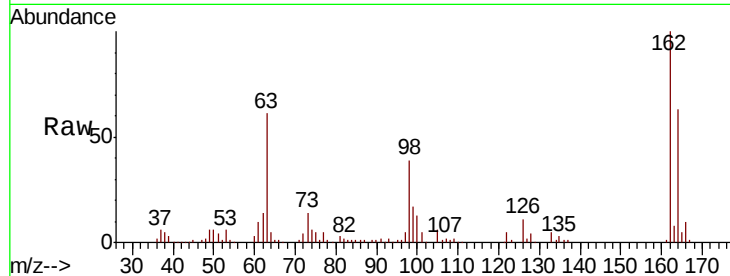




#29
2,4-Dichlorophenol
Concen: 39.403 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	38.6	17.4	57.4

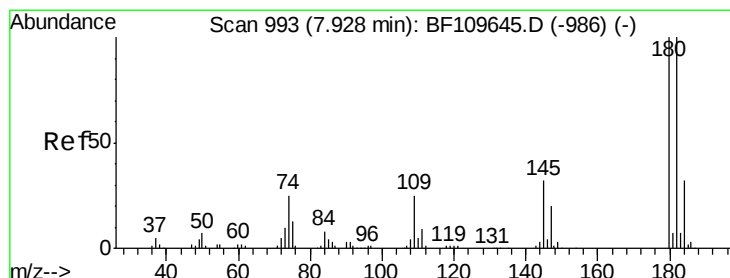
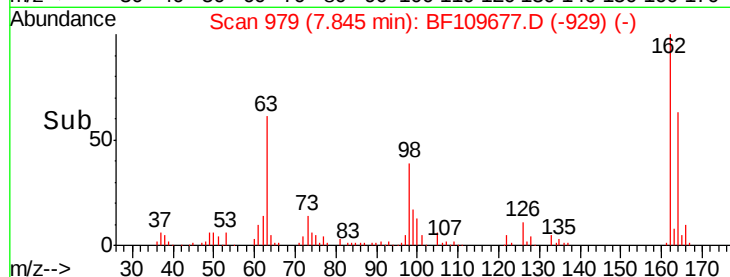
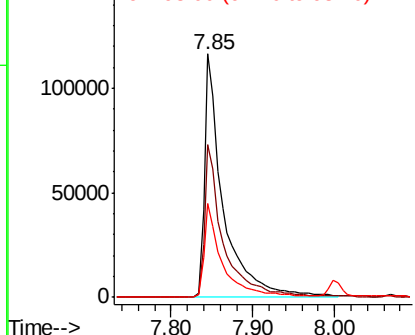


Abundance

Ion 162.00 (161.70 to 162.70): E

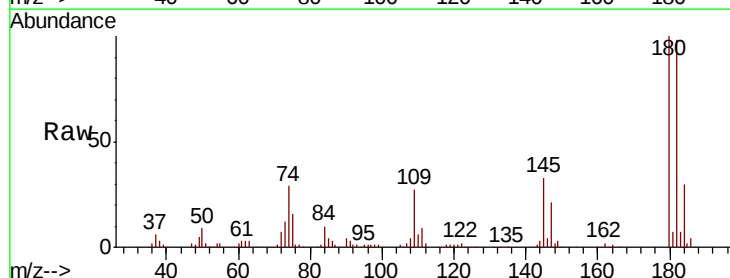
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.893 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	80.3	120.5
145	33.1	25.4	38.0

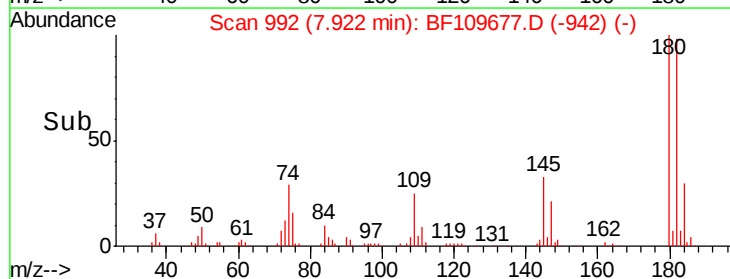
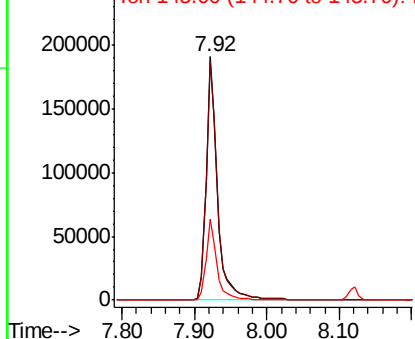


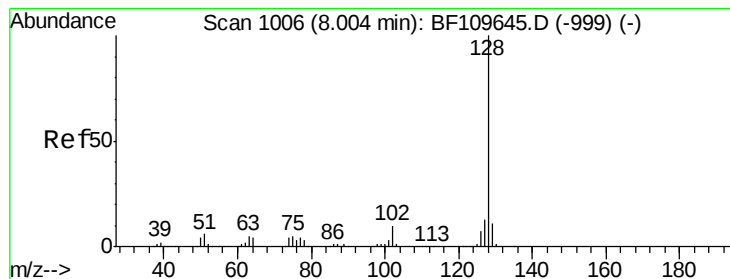
Abundance

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: 38.648 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

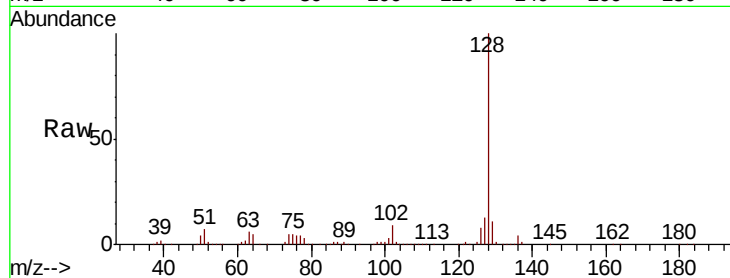
Tgt Ion:128 Resp: 591031

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

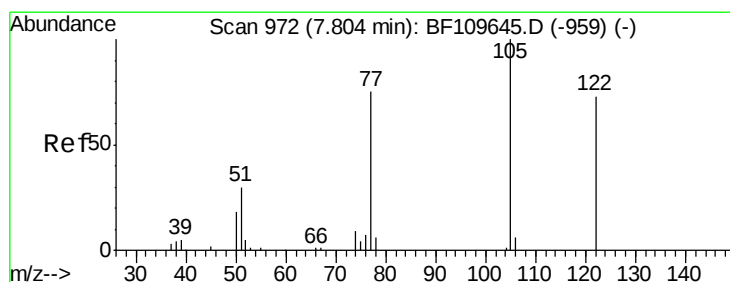
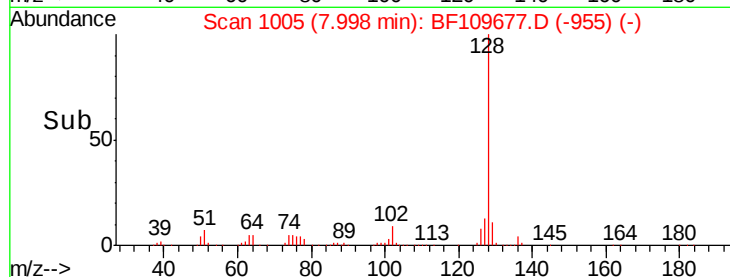
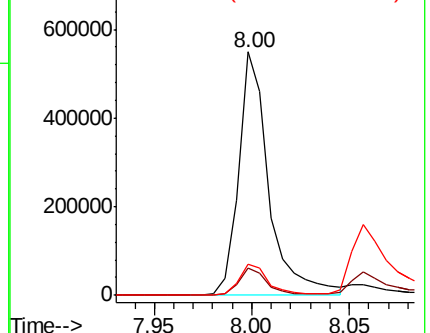
127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.554 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

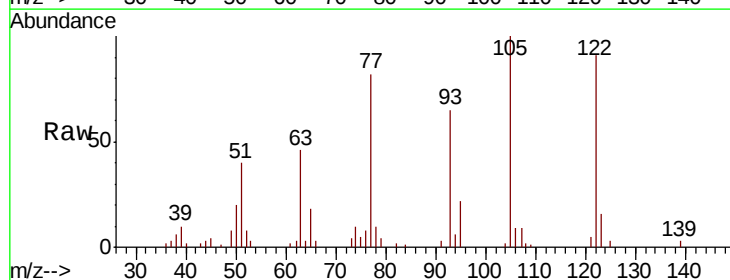
Tgt Ion:122 Resp: 67988

Ion Ratio Lower Upper

122 100

105 109.3 109.0 149.0

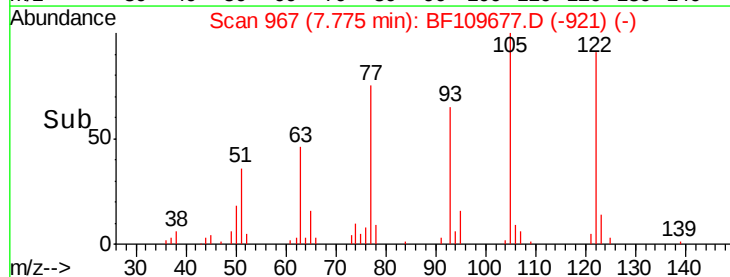
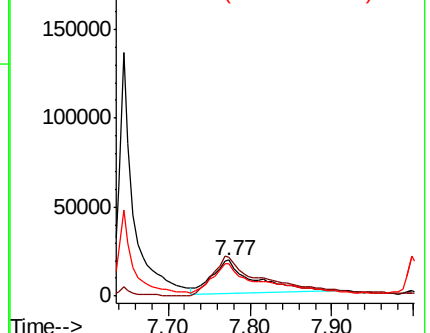
77 90.1 79.0 119.0

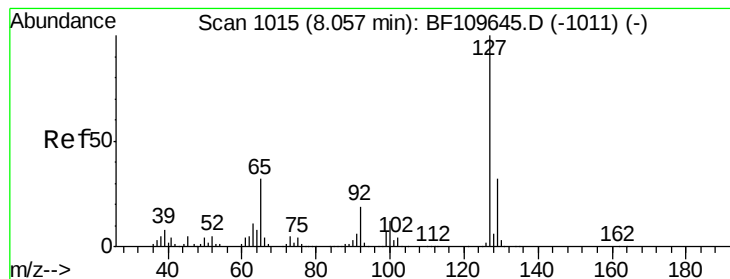


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 37.479 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 252400

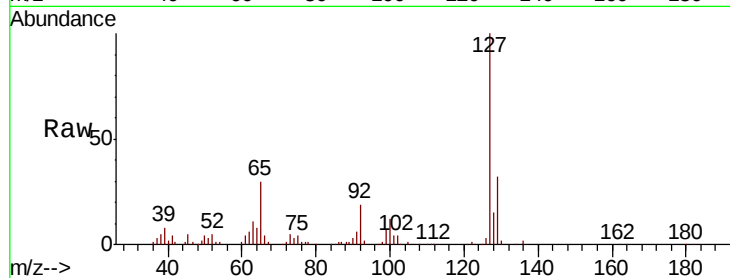
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 30.2 25.1 37.7

92 18.5 15.0 22.6

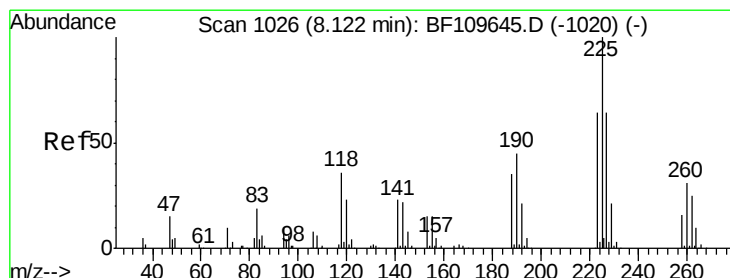
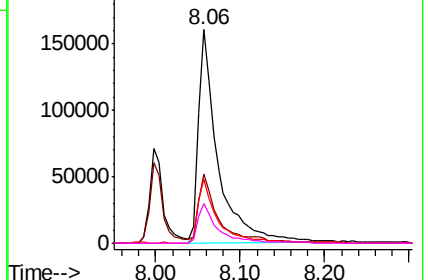
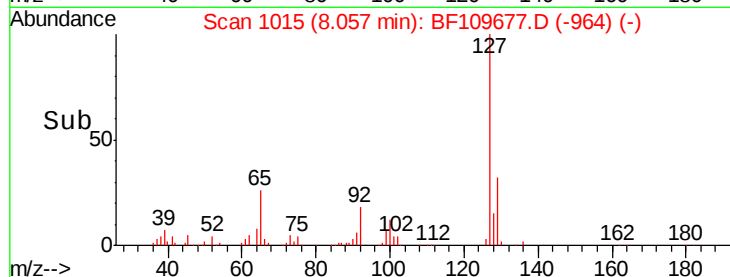


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.529 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

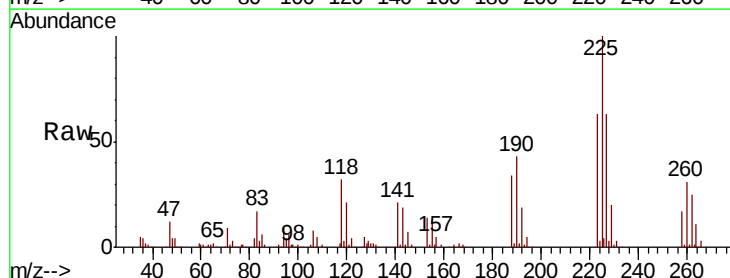
Tgt Ion:225 Resp: 128672

Ion Ratio Lower Upper

225 100

223 63.2 51.4 77.2

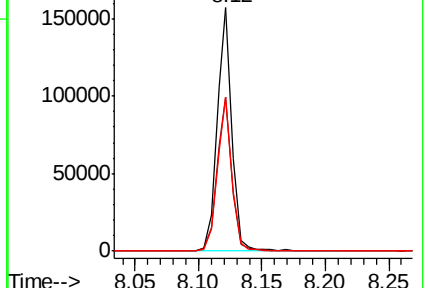
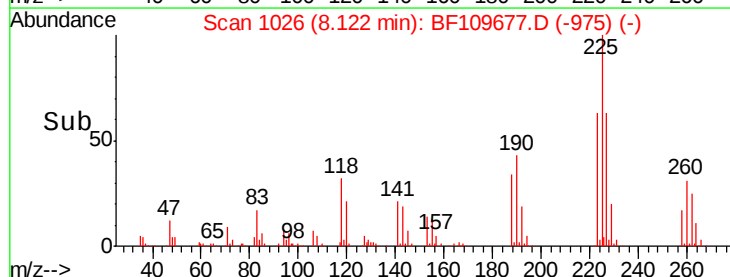
227 63.4 51.0 76.6

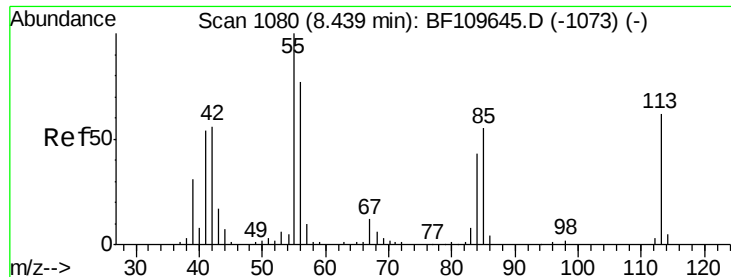


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

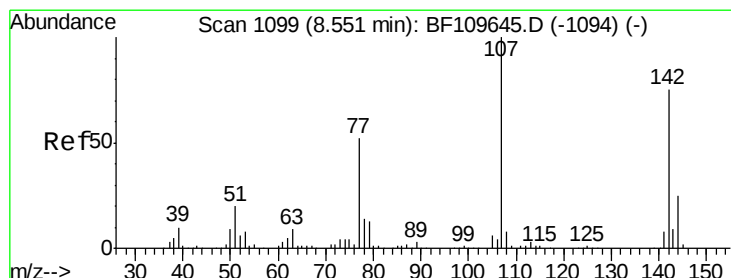
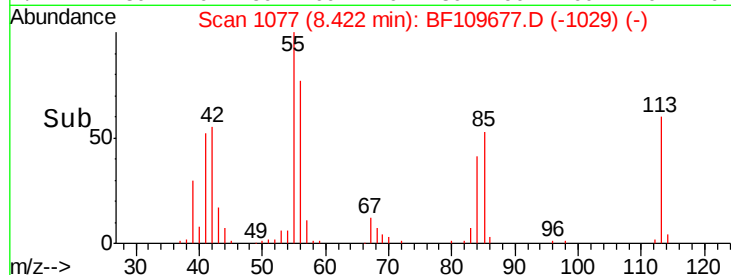
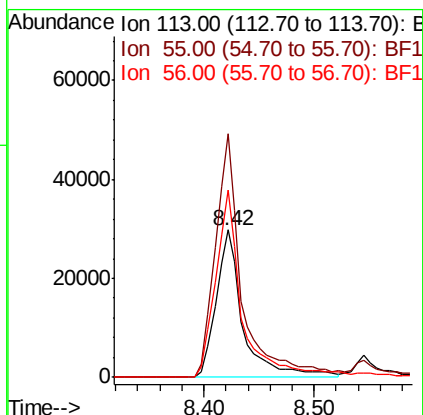
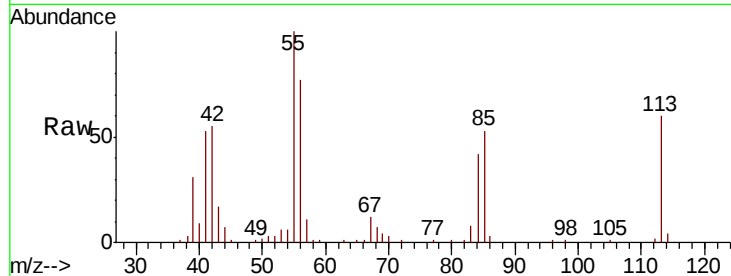




#35
 Caprolactam
 Concen: 35.619 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

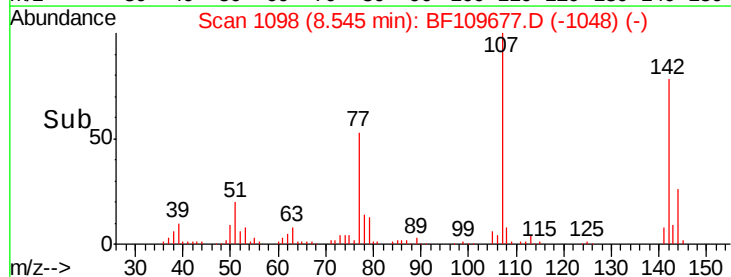
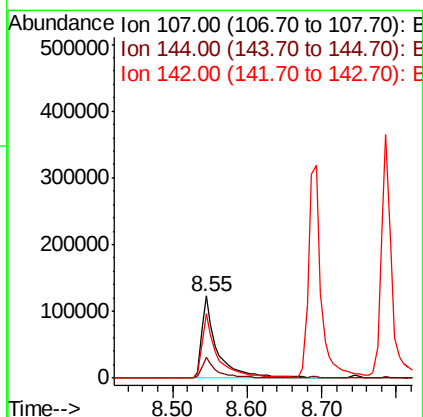
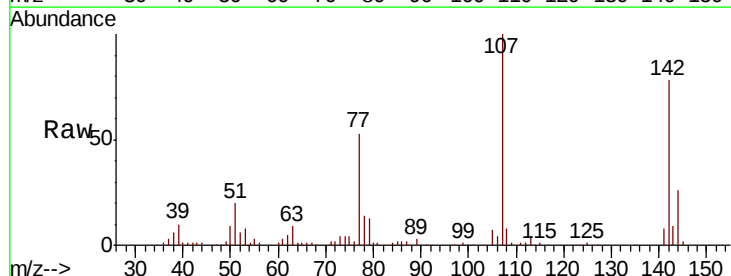
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

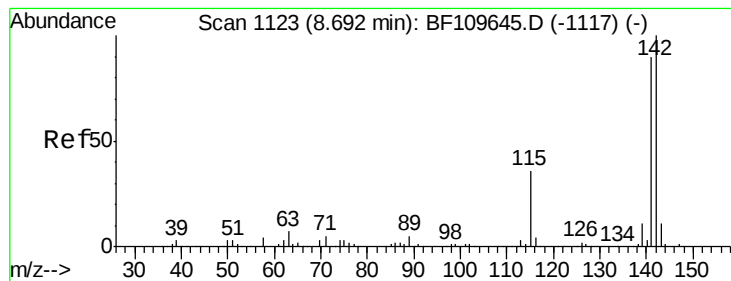
Tgt Ion:113 Resp: 50307
 Ion Ratio Lower Upper
 113 100
 55 165.4 142.8 182.8
 56 127.6 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.565 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Tgt Ion:107 Resp: 182536
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.0 30.0
 142 77.8 59.7 89.5





#37

2-Methylnaphthalene

Concen: 37.046 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

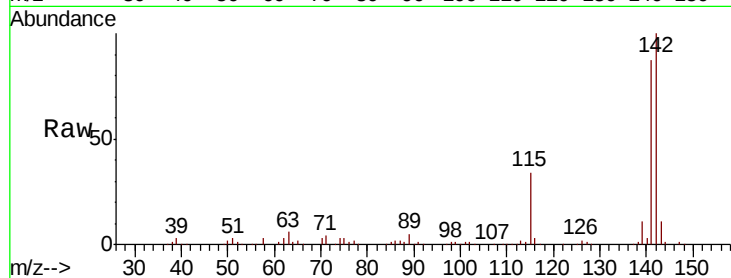
Tgt Ion:142 Resp: 371099

Ion Ratio Lower Upper

142 100

141 87.0 71.4 107.2

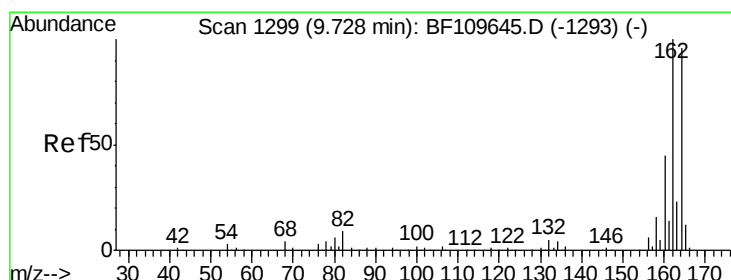
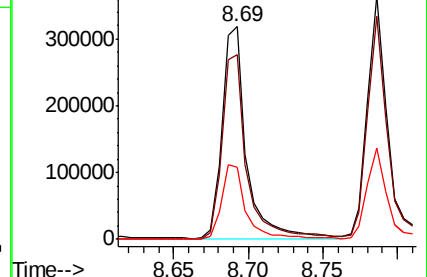
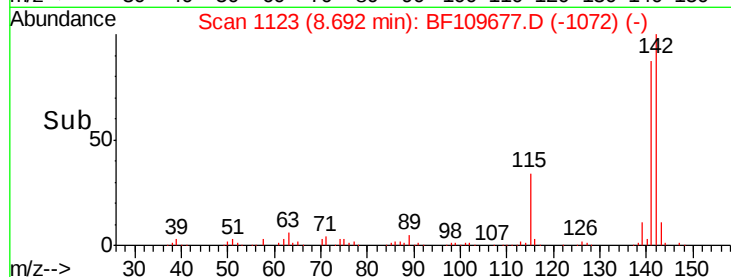
115 34.1 28.7 43.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

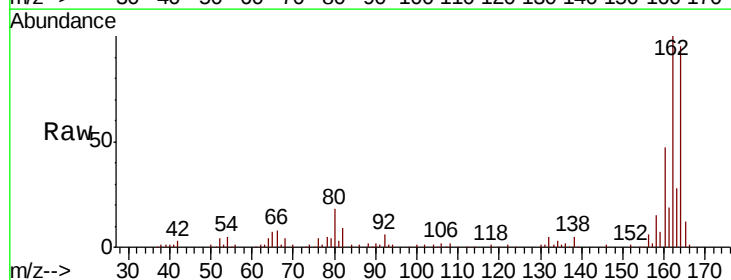
Tgt Ion:164 Resp: 133735

Ion Ratio Lower Upper

164 100

162 105.8 83.0 124.6

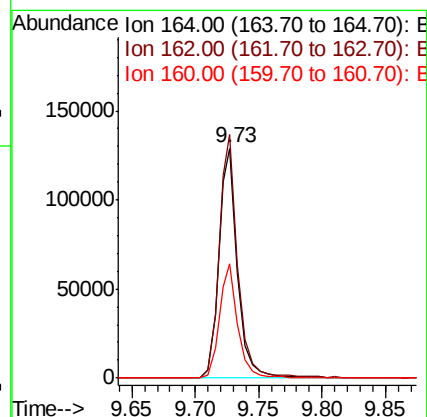
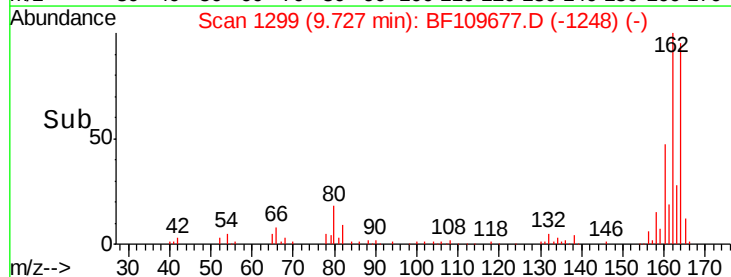
160 49.5 37.0 55.6

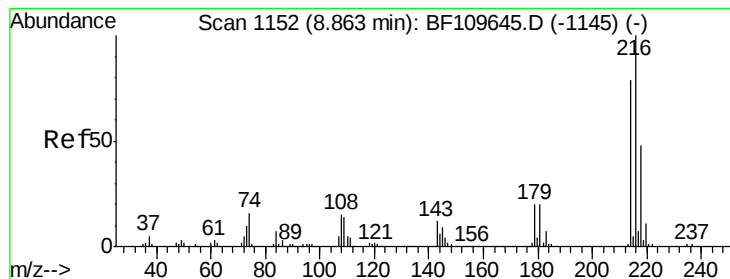


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.712 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 198992

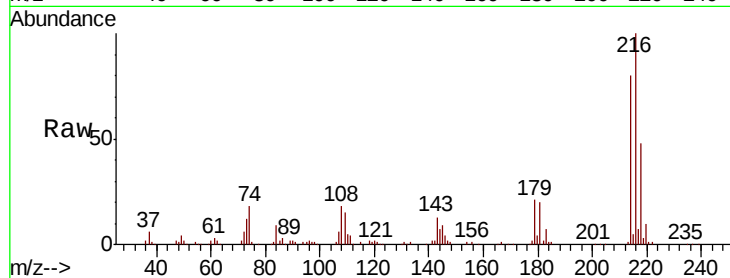
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 20.5 16.6 25.0

108 17.6 15.1 22.7

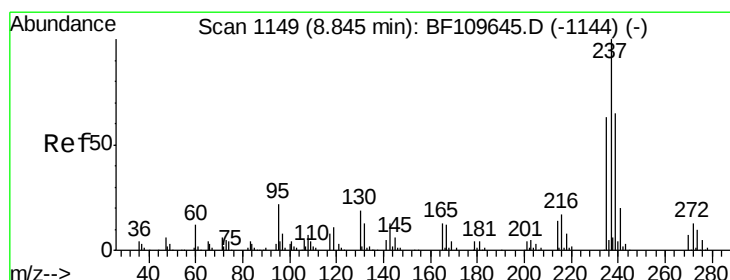
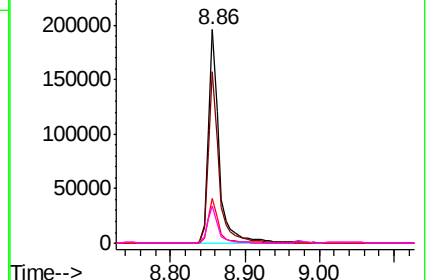
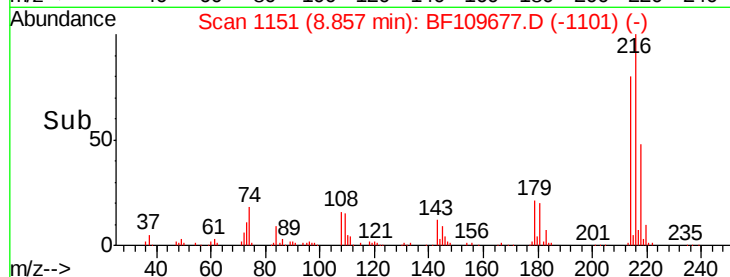


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 13.550 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

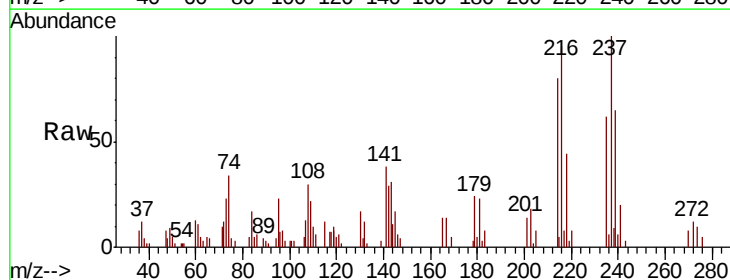
Tgt Ion:237 Resp: 13903

Ion Ratio Lower Upper

237 100

235 62.4 43.1 83.1

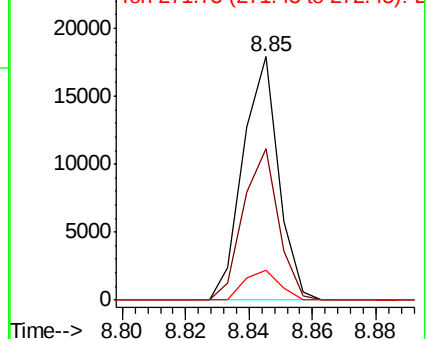
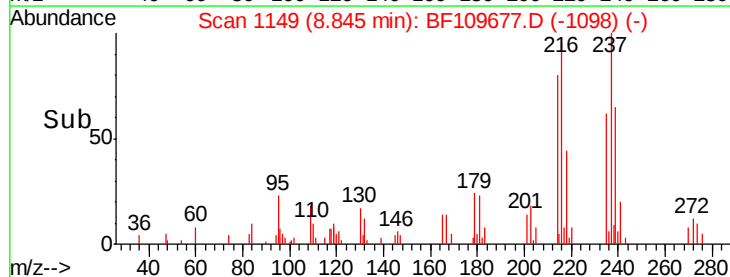
272 12.3 0.0 32.6



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

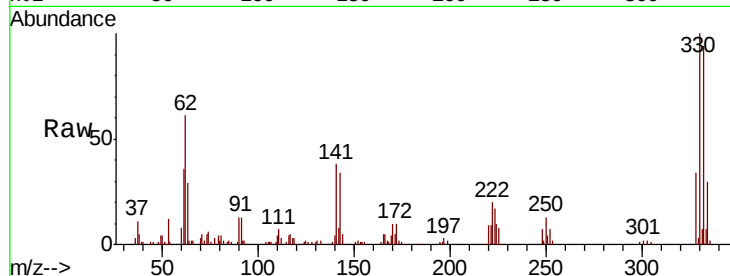




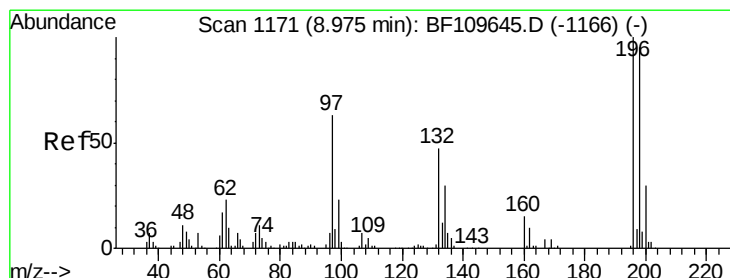
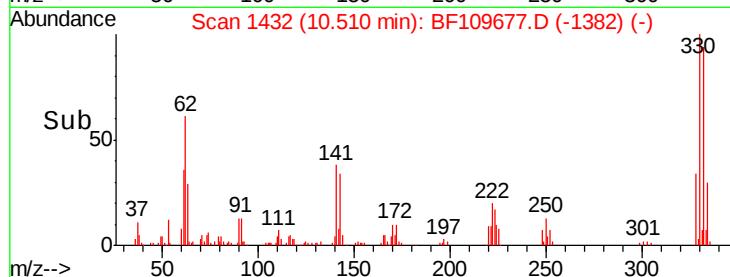
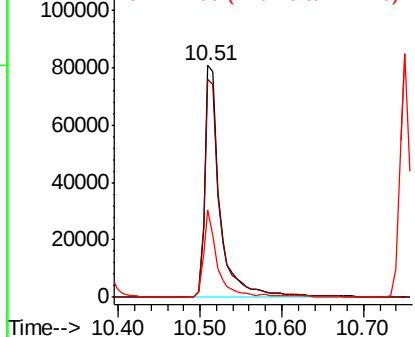
#41
 2,4,6-Tribromophenol
 Concen: 72.667 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:330 Resp: 105890
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.1 115.7
 141 33.1 27.0 40.4

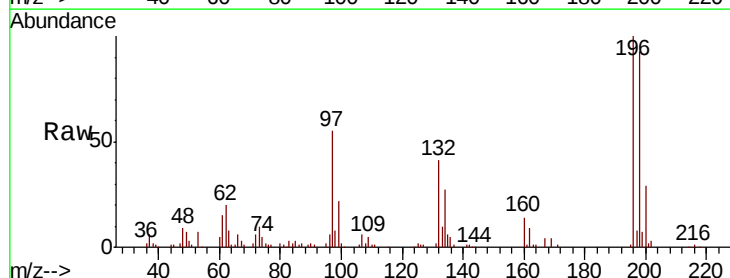


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

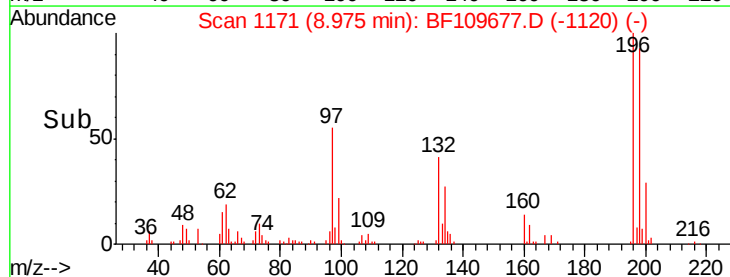
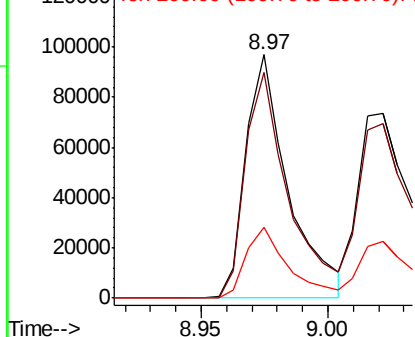


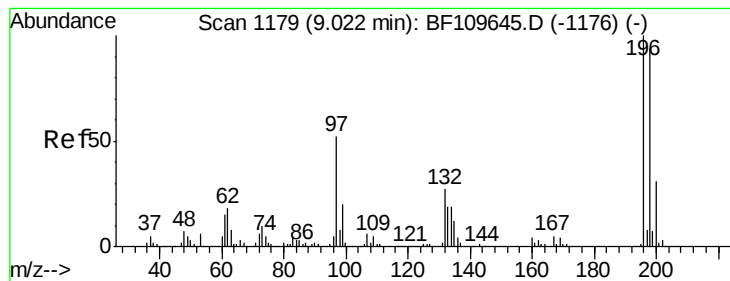
#42
 2,4,6-Trichlorophenol
 Concen: 41.485 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Tgt Ion:196 Resp: 112898
 Ion Ratio Lower Upper
 196 100
 198 92.7 76.2 114.4
 200 29.2 24.4 36.6



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





#43

2,4,5-Trichlorophenol

Concen: 42.526 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 133067

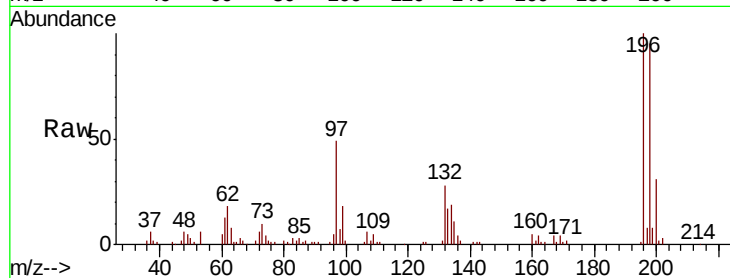
Ion Ratio Lower Upper

196 100

198 94.6 75.8 113.6

97 49.1 42.4 63.6

132 28.2 22.8 34.2

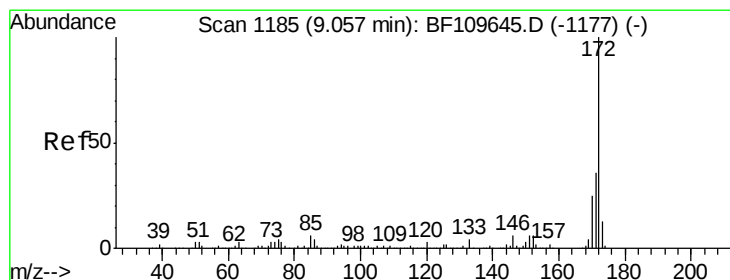
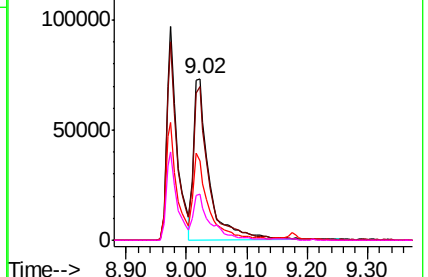
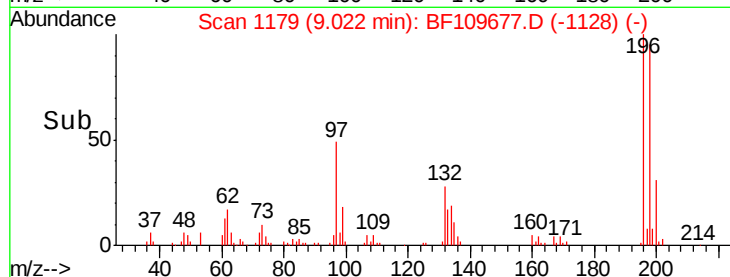


Abundance Ion 196.00 (195.70 to 196.70): E

150000 Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 86.275 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

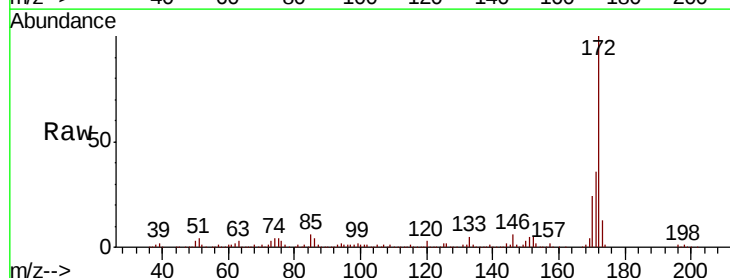
Tgt Ion:172 Resp: 837752

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

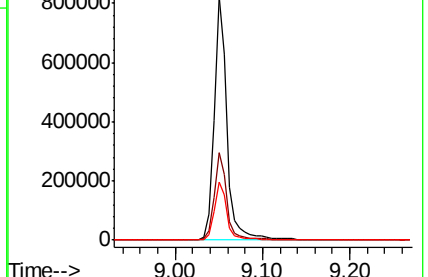
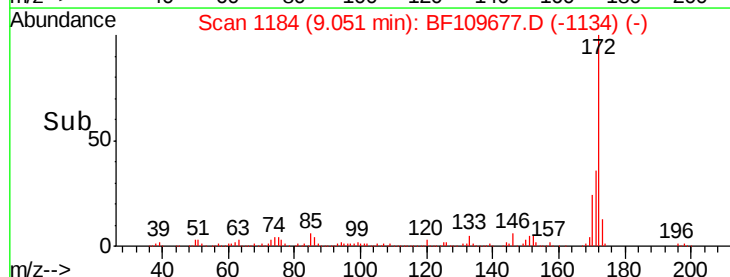
170 23.7 19.7 29.5

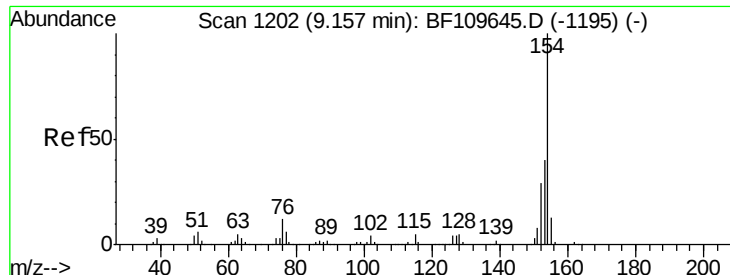


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

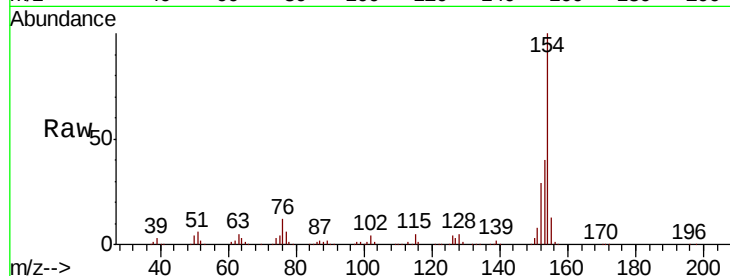




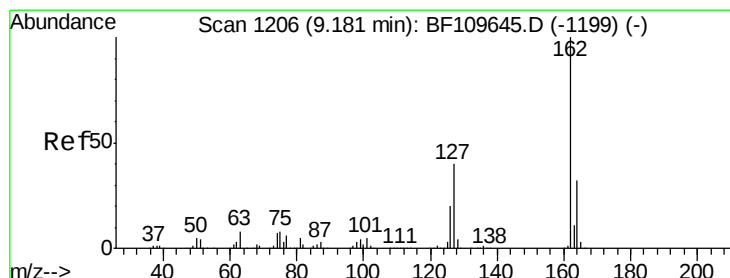
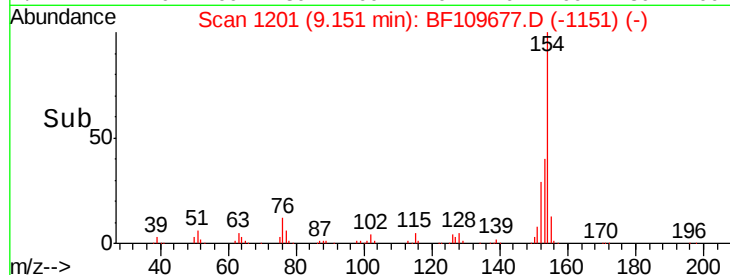
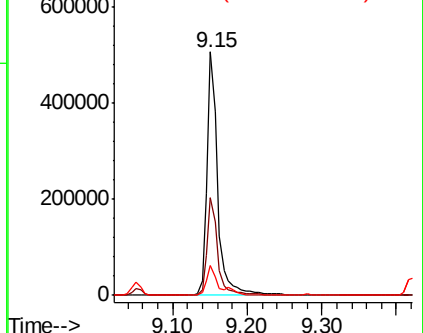
#45
 1,1'-Biphenyl
 Concen: 42.780 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 511098
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.4 60.4
 76 12.2 0.0 31.9

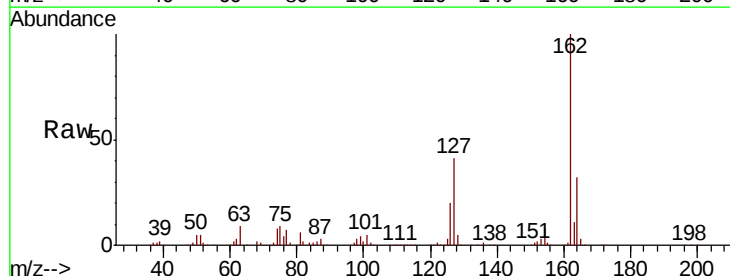


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

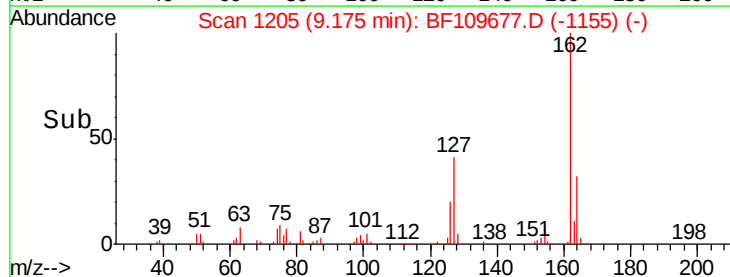
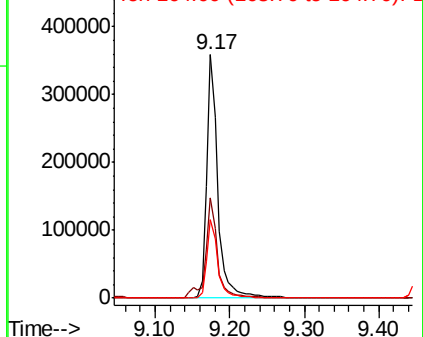


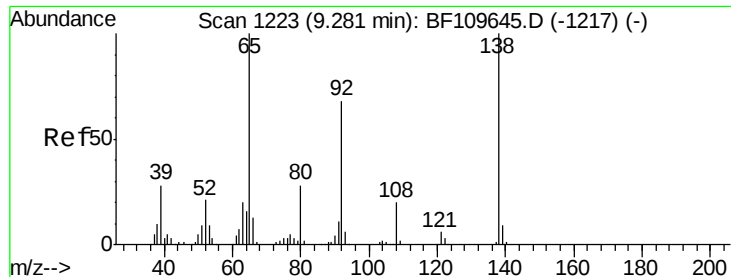
#46
 2-Chloronaphthalene
 Concen: 41.685 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Tgt Ion:162 Resp: 373111
 Ion Ratio Lower Upper
 162 100
 127 41.2 32.6 48.8
 164 32.3 25.9 38.9



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

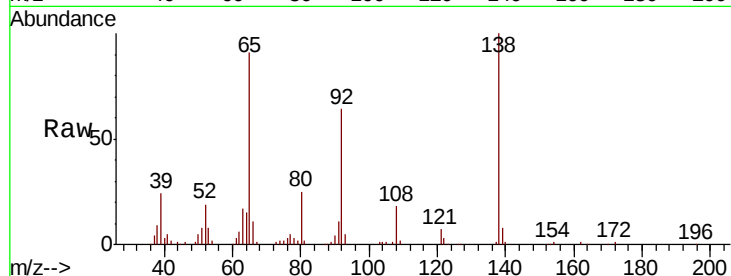




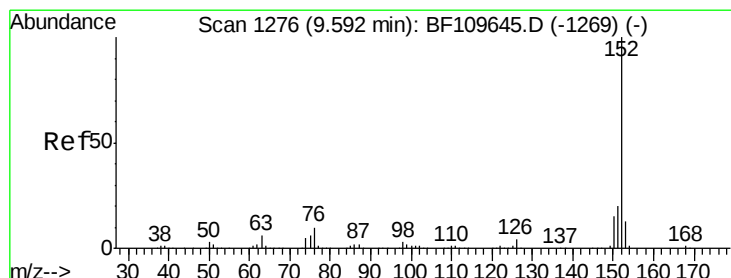
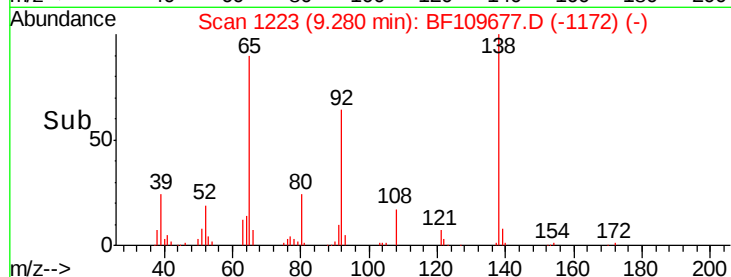
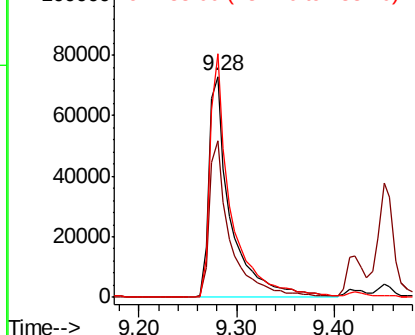
#47
2-Nitroaniline
Concen: 41.141 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 65 Resp: 111501
Ion Ratio Lower Upper
65 100
92 70.8 54.6 81.8
138 110.1 80.3 120.5

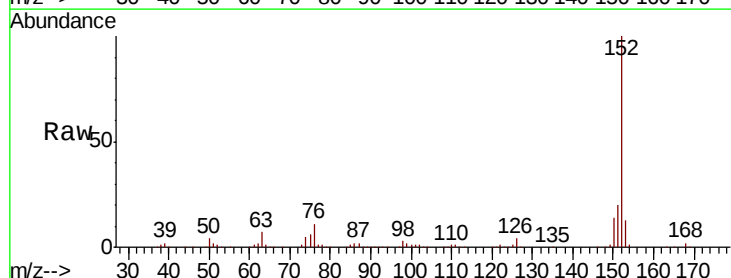


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

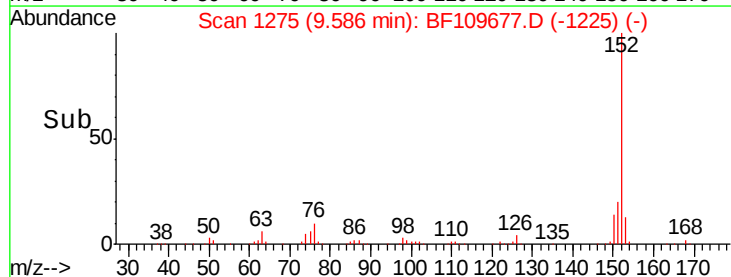
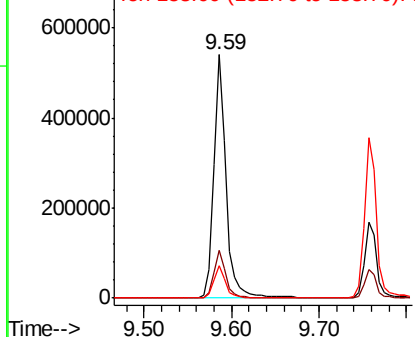


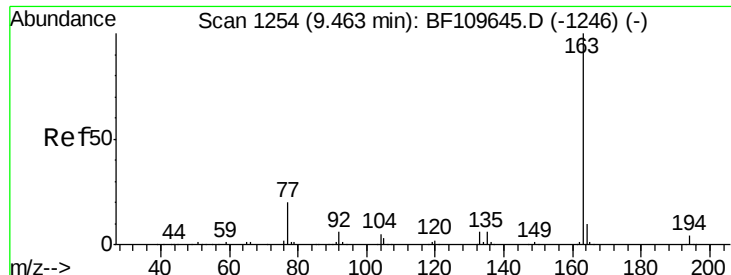
#48
Acenaphthylene
Concen: 40.624 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion: 152 Resp: 530105
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.3 10.4 15.6



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

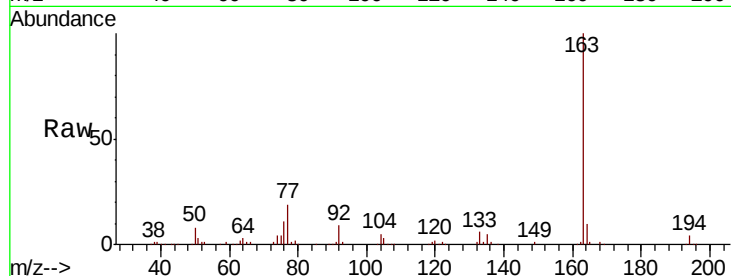




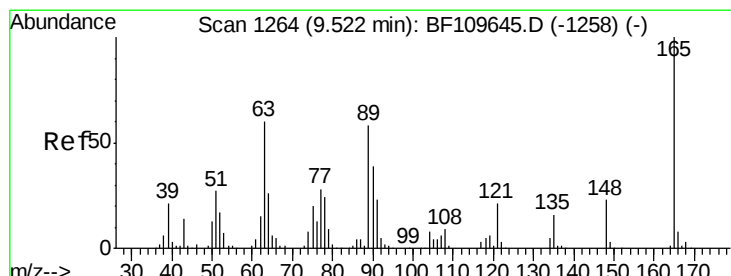
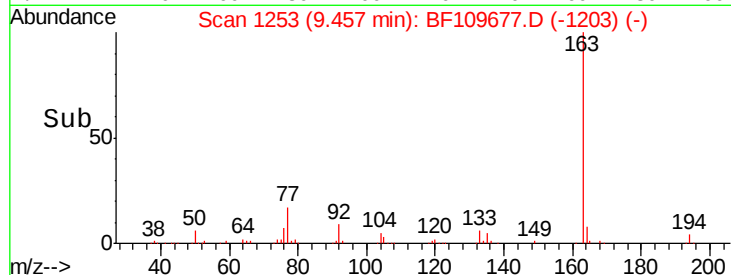
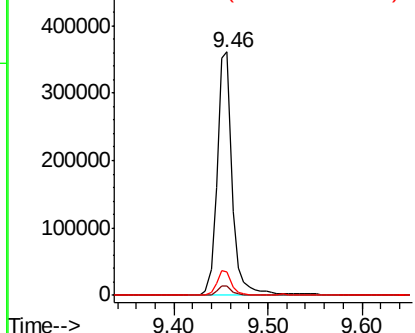
#49
Dimethylphthalate
Concen: 41.941 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 411362
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.8 8.1 12.1

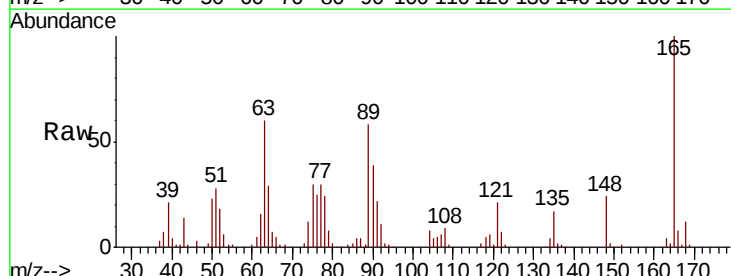


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

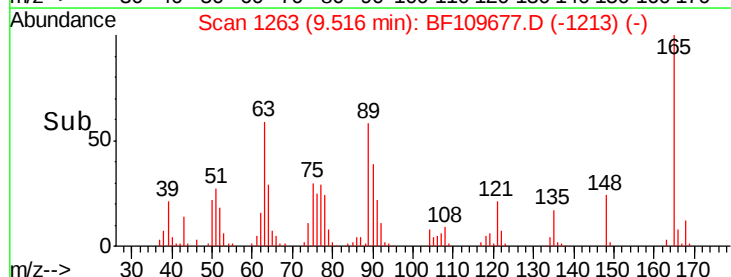
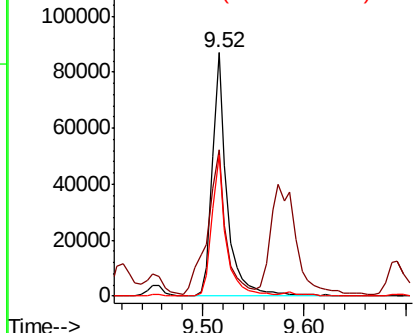


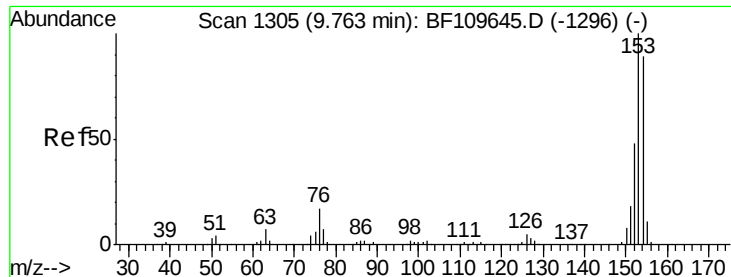
#50
2,6-Dinitrotoluene
Concen: 40.998 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion:165 Resp: 87165
Ion Ratio Lower Upper
165 100
63 60.1 48.9 73.3
89 58.0 46.6 69.8



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





#51

Acenaphthene

Concen: 38.929 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

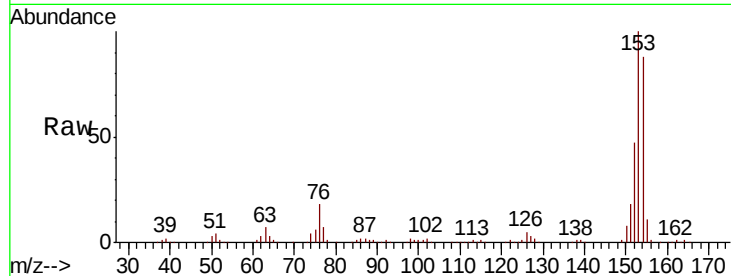
Tgt Ion:154 Resp: 301134

Ion Ratio Lower Upper

154 100

153 113.1 90.1 135.1

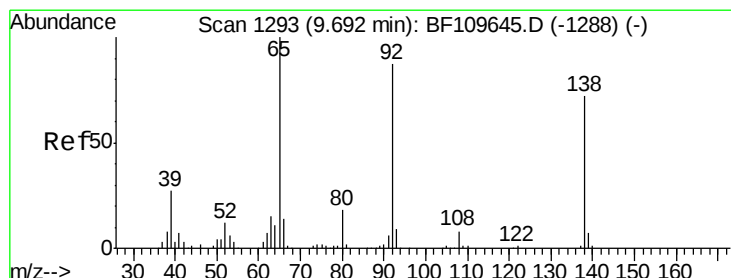
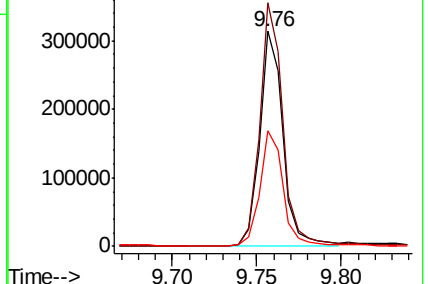
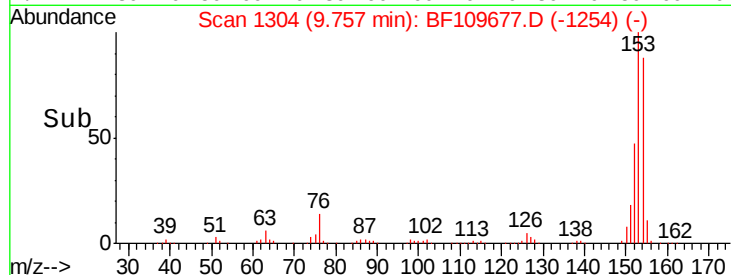
152 53.6 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.768 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

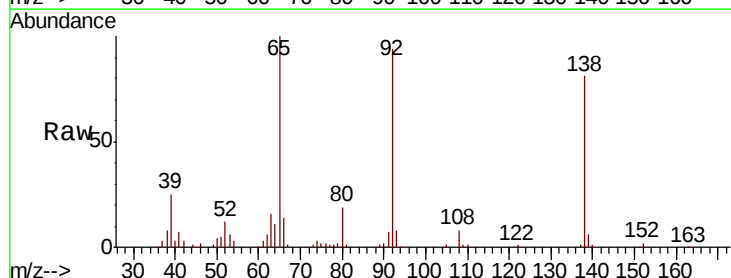
Tgt Ion:138 Resp: 97160

Ion Ratio Lower Upper

138 100

108 10.5 8.7 13.1

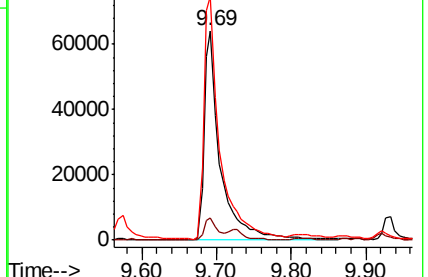
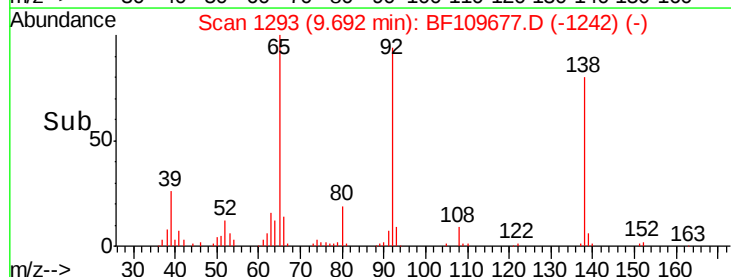
92 116.2 97.0 145.4

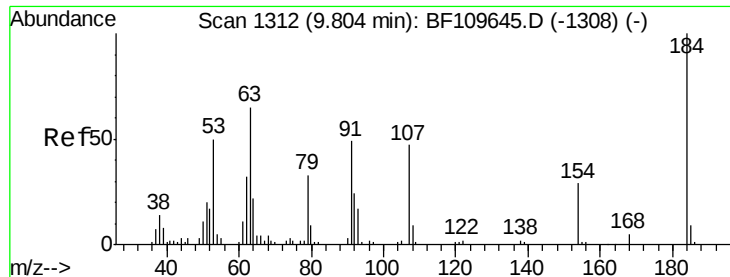


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

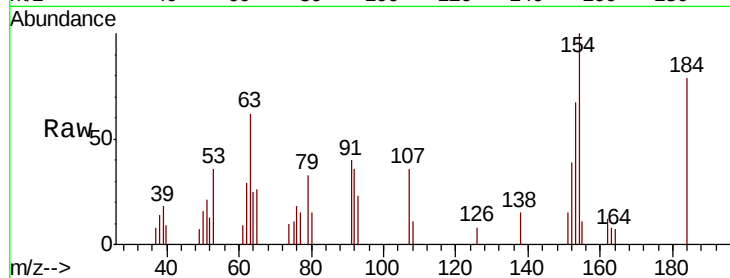




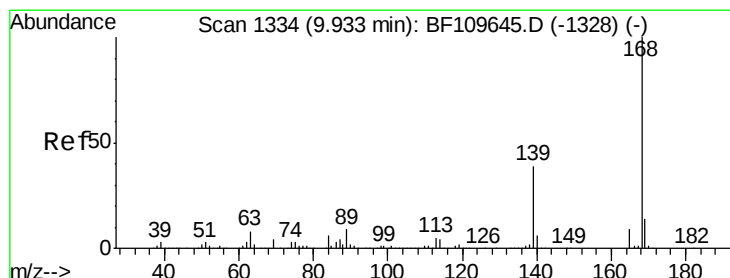
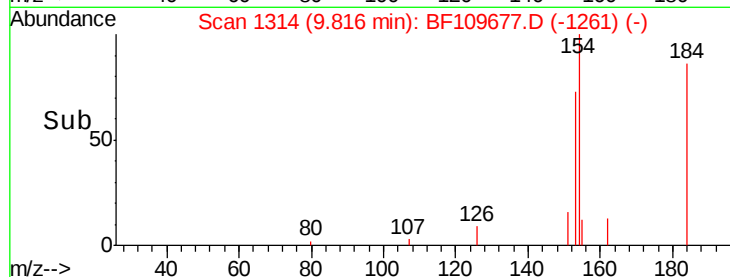
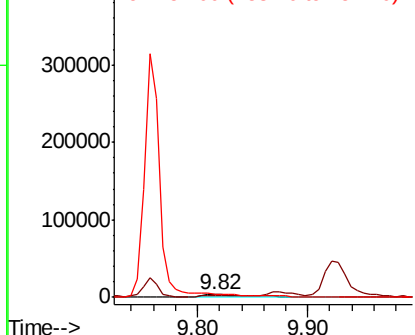
#53
 2,4-Dinitrophenol
 Concen: 16.564 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 11362
 Ion Ratio Lower Upper
 184 100
 63 78.9 55.8 83.6
 154 126.3 63.2 94.8#

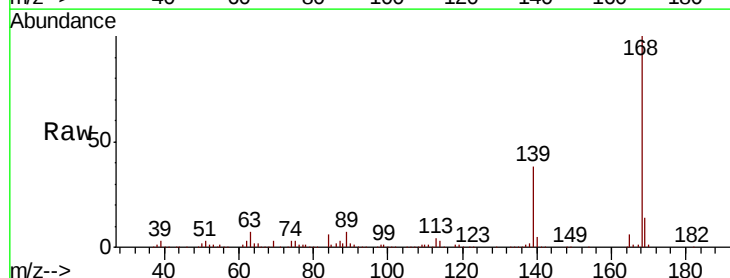


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

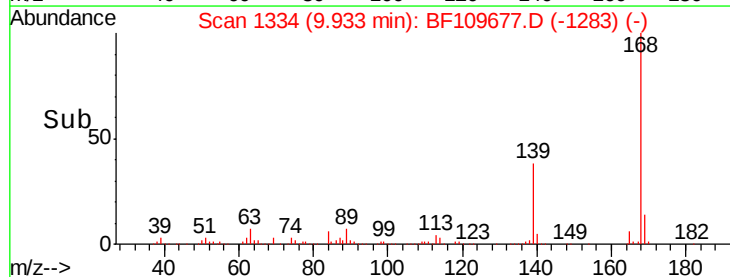
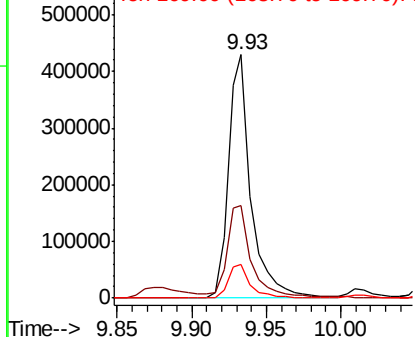


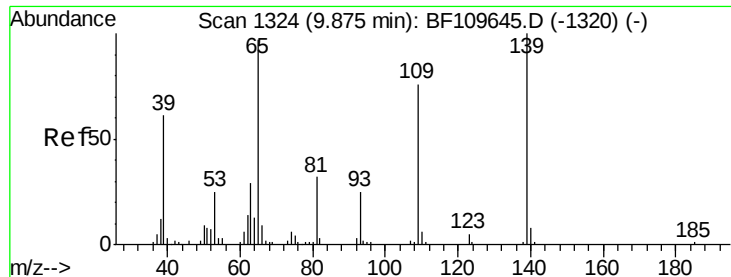
#54
 Dibenzofuran
 Concen: 39.573 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Tgt Ion:168 Resp: 458857
 Ion Ratio Lower Upper
 168 100
 139 38.1 33.0 49.6
 169 13.8 11.3 16.9



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

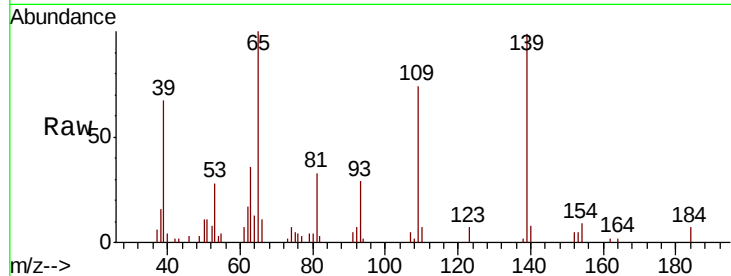




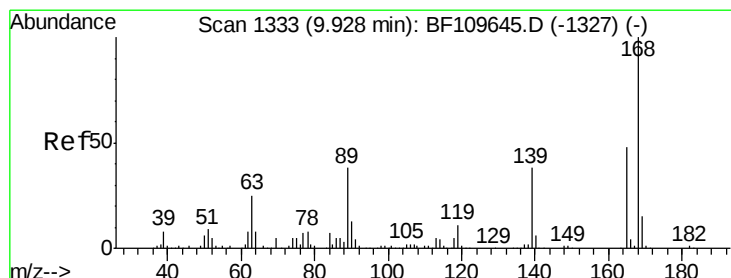
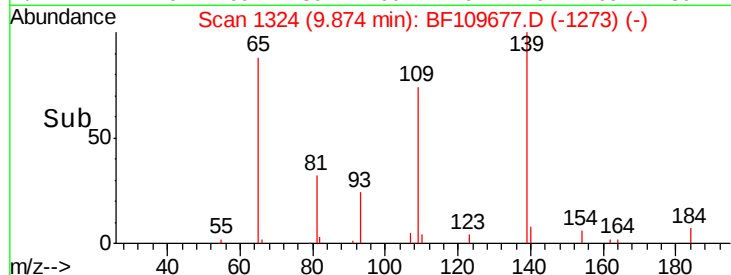
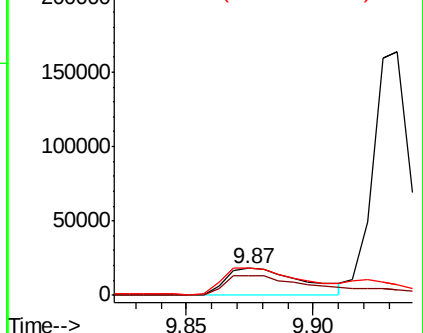
#55
4-Nitrophenol
Concen: 29.629 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 38651
Ion Ratio Lower Upper
139 100
109 74.4 55.8 95.8
65 100.6 77.9 117.9



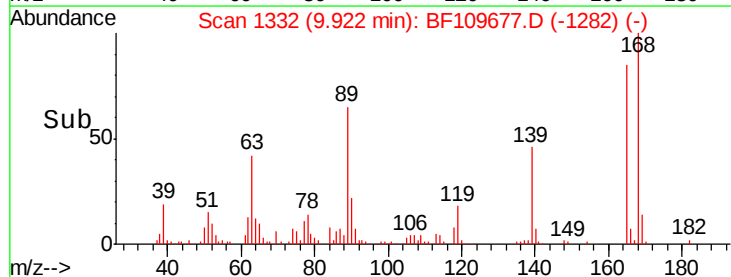
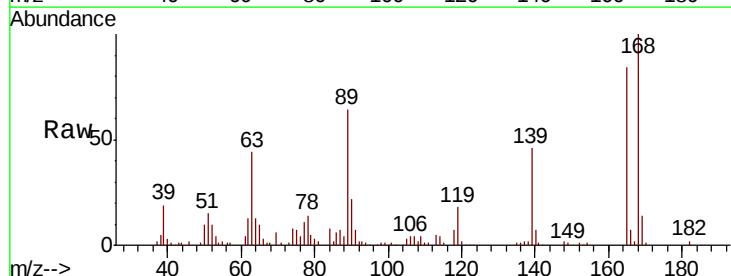
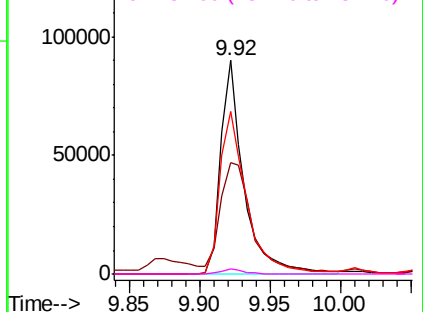
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

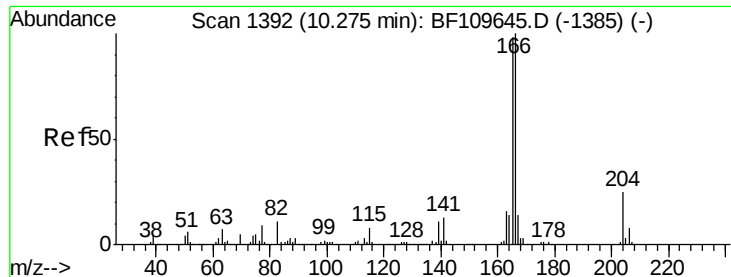


#56
2,4-Dinitrotoluene
Concen: 38.877 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion:165 Resp: 103152
Ion Ratio Lower Upper
165 100
63 52.3 44.8 67.2
89 76.4 62.2 93.4
182 2.5 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





#57

Fluorene

Concen: 38.173 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

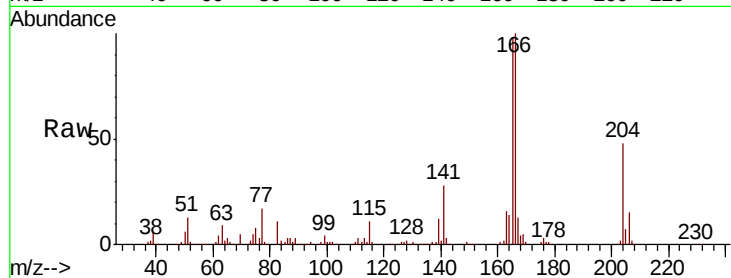
Tgt Ion:166 Resp: 330548

Ion Ratio Lower Upper

166 100

165 97.5 78.6 117.8

167 13.2 10.8 16.2

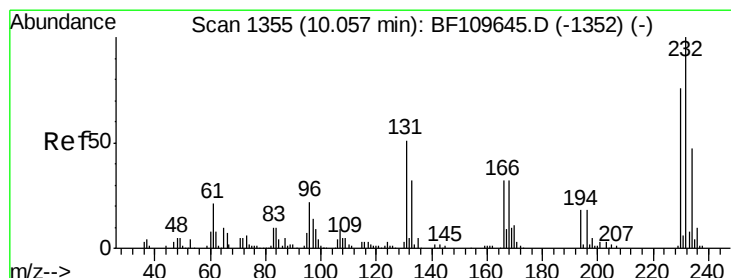
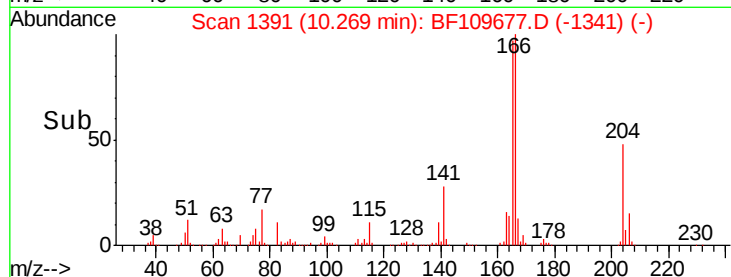
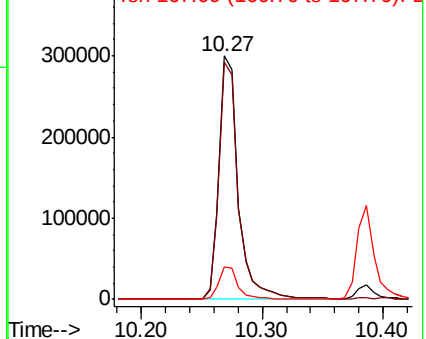


Abundance

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.804 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Tgt Ion:232 Resp: 88525

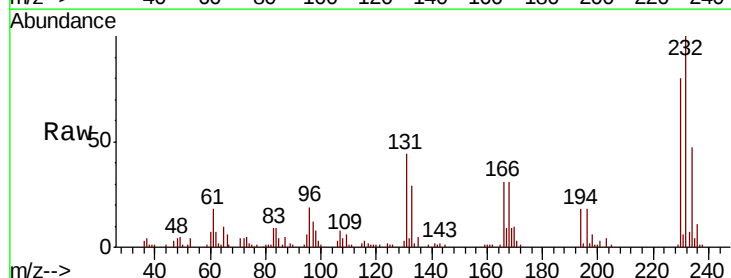
Ion Ratio Lower Upper

232 100

131 47.7 37.0 55.4

130 1.9 1.8 2.6

166 28.9 22.0 33.0



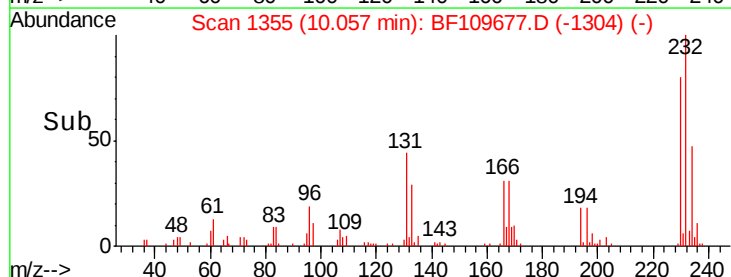
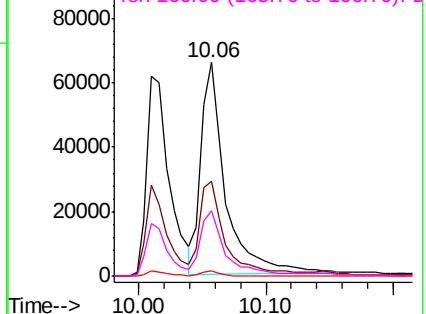
Abundance

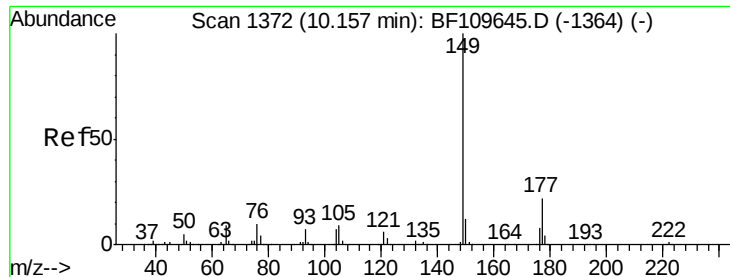
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

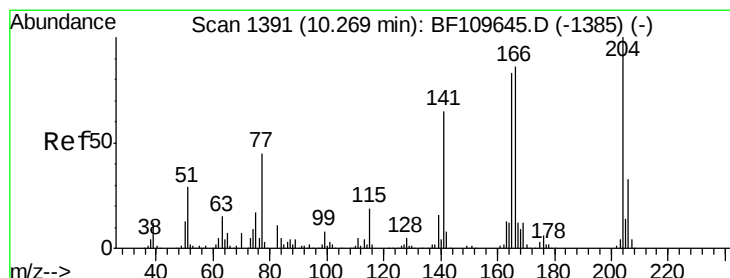
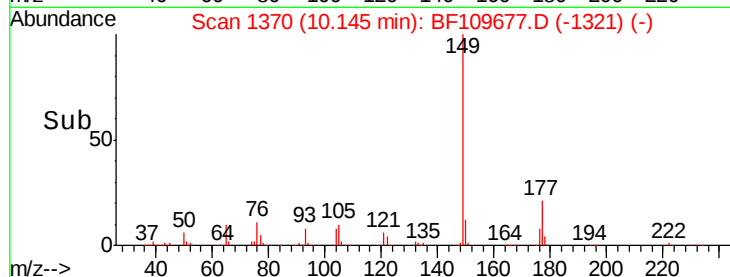
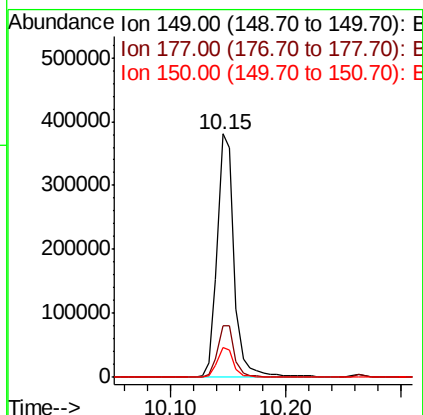
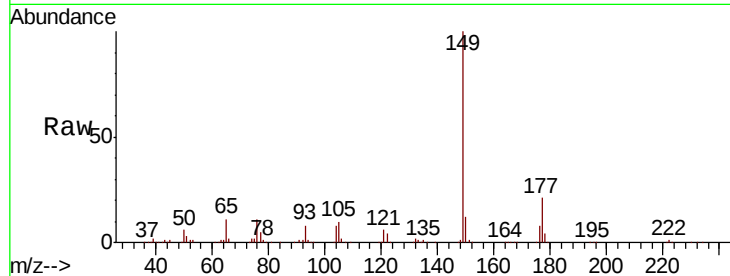




#59
Diethylphthalate
Concen: 40.374 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

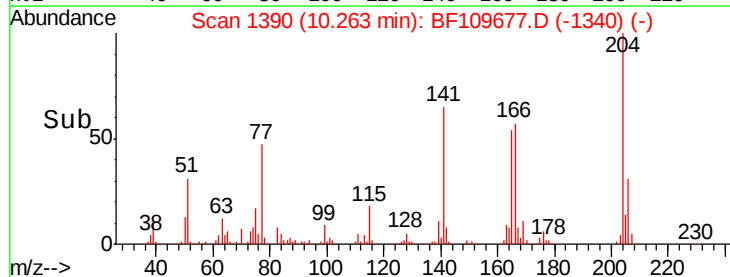
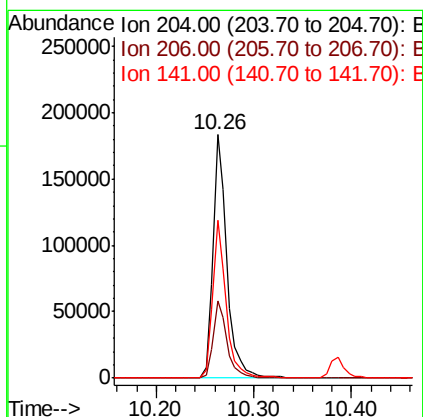
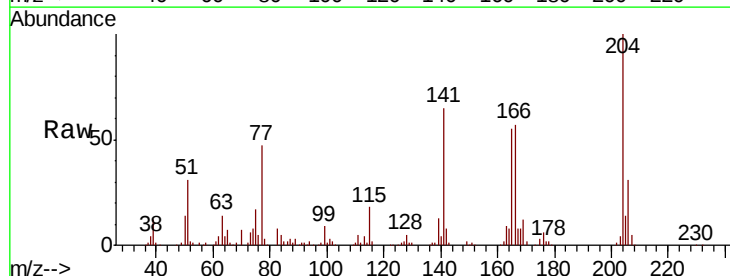
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

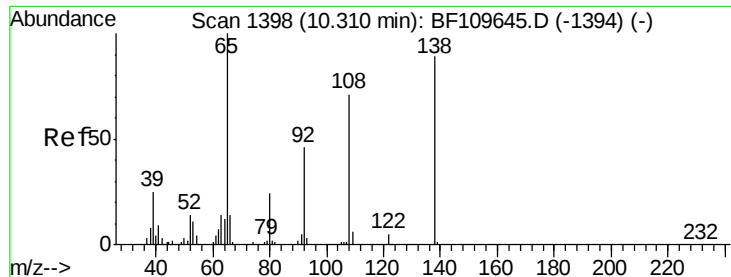
Tgt Ion:149 Resp: 392362
Ion Ratio Lower Upper
149 100
177 21.1 17.4 26.2
150 12.4 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 39.885 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion:204 Resp: 182204
Ion Ratio Lower Upper
204 100
206 31.5 26.5 39.7
141 64.9 51.8 77.8

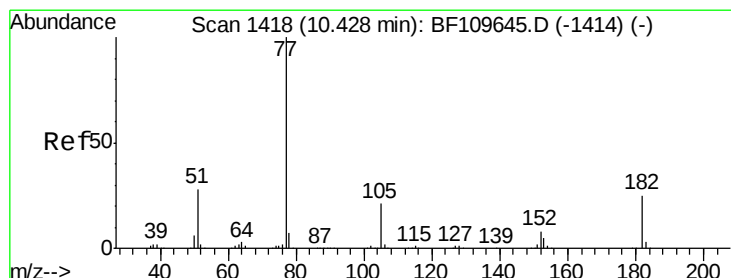
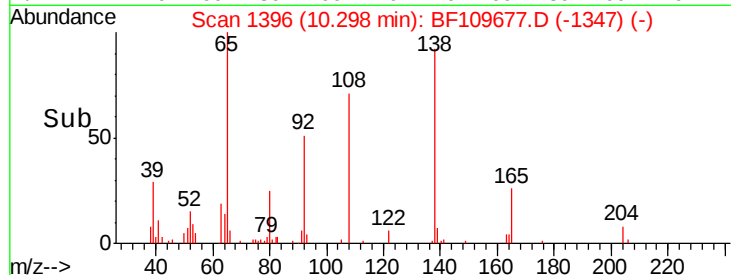
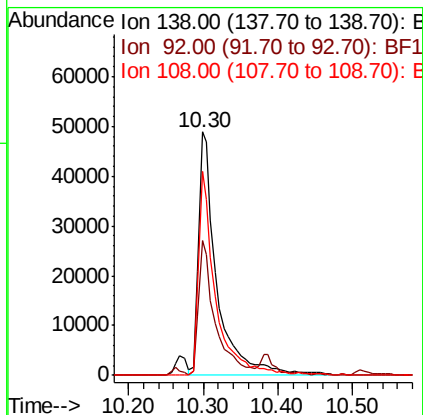
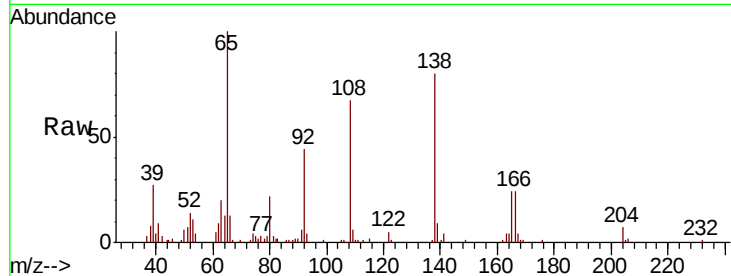




#61
4-Nitroaniline
Concen: 38.338 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

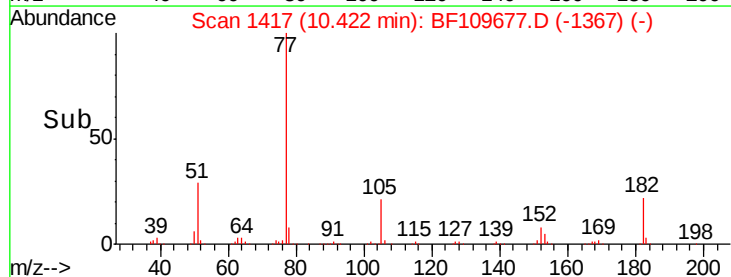
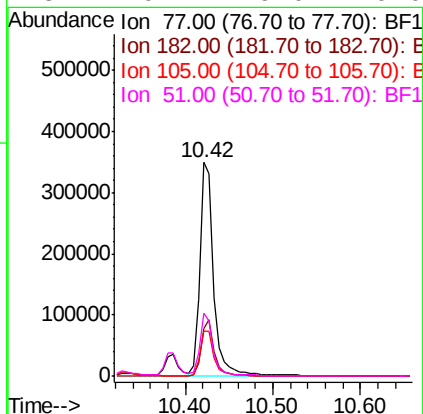
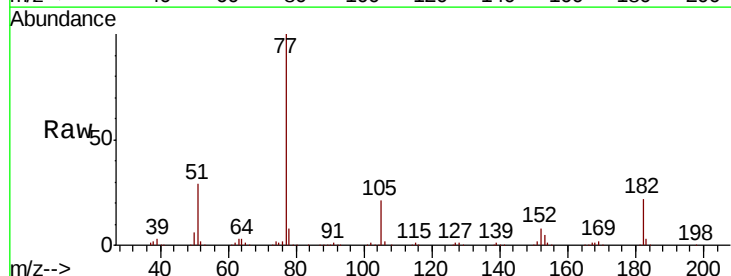
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

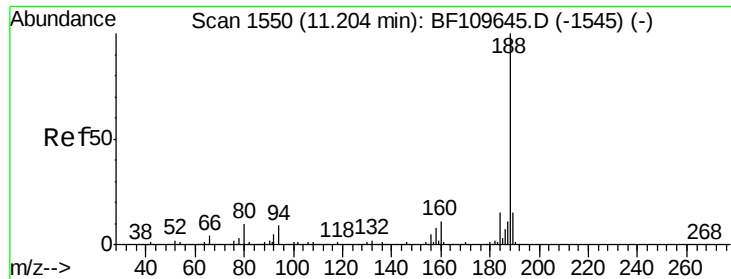
Tgt Ion: 138 Resp: 84616
Ion Ratio Lower Upper
138 100
92 55.3 31.7 71.7
108 83.7 59.3 99.3



#62
Azobenzene
Concen: 38.222 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion: 77 Resp: 377192
Ion Ratio Lower Upper
77 100
182 22.5 4.3 44.3
105 21.1 1.3 41.3
51 29.1 9.0 49.0

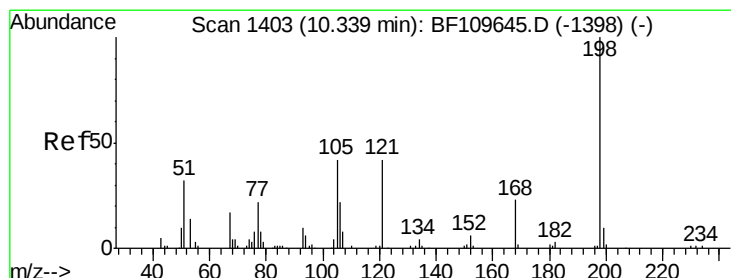
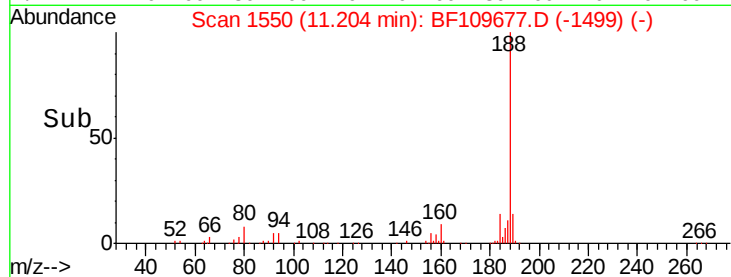
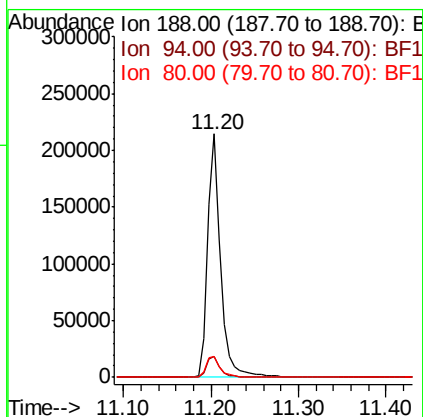
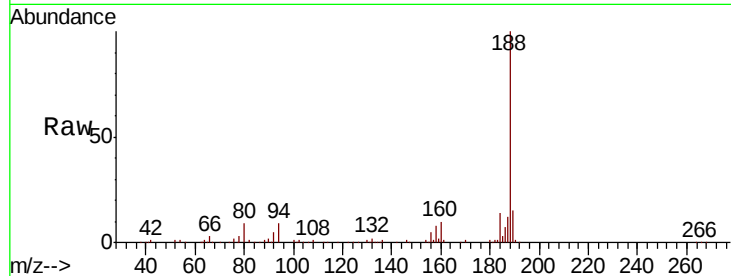




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

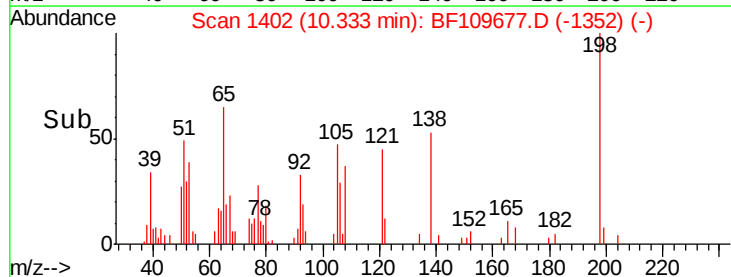
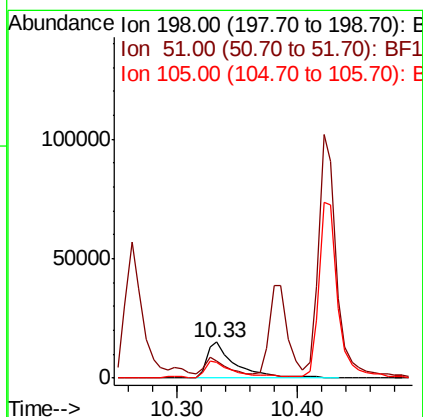
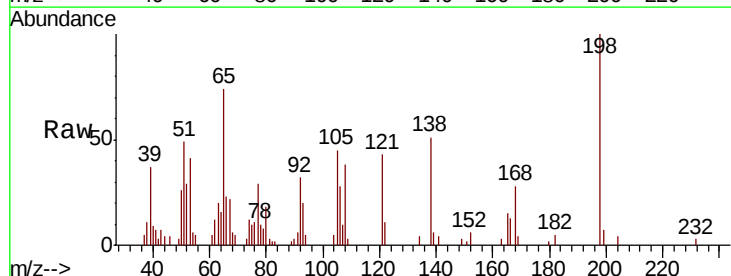
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

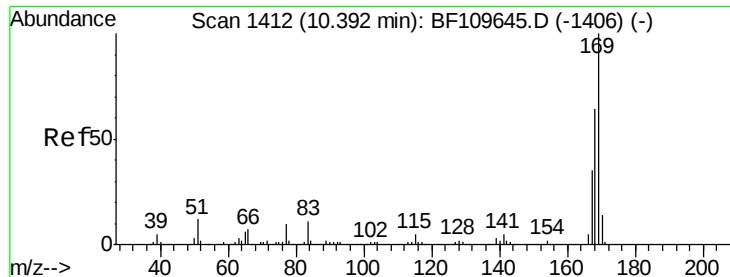
Tgt Ion:188 Resp: 221367
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.2 10.8
 80 8.6 7.9 11.9



#64
 4,6-Dinitro-2-methylphenol
 Concen: 22.582 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Tgt Ion:198 Resp: 24331
 Ion Ratio Lower Upper
 198 100
 51 49.3 22.8 62.8
 105 45.4 23.6 63.6





#65

n-Nitrosodiphenylamine

Concen: 43.478 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

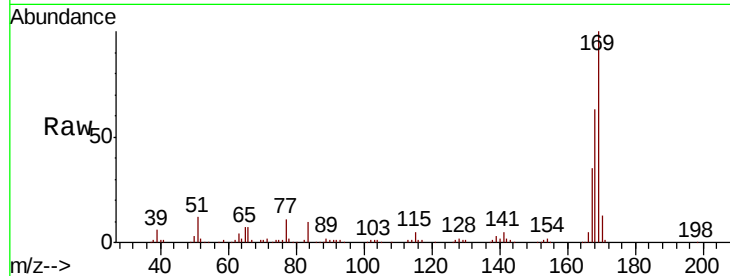
Tgt Ion:169 Resp: 326273

Ion Ratio Lower Upper

169 100

168 62.9 51.2 76.8

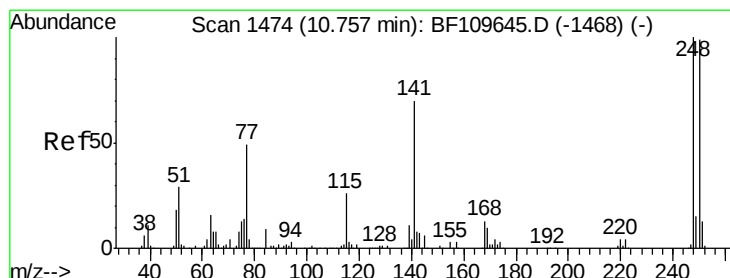
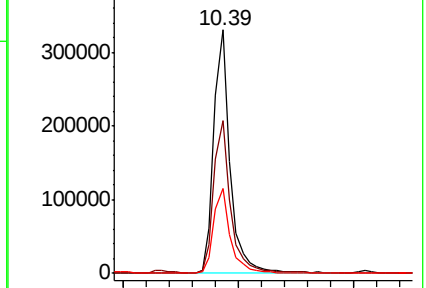
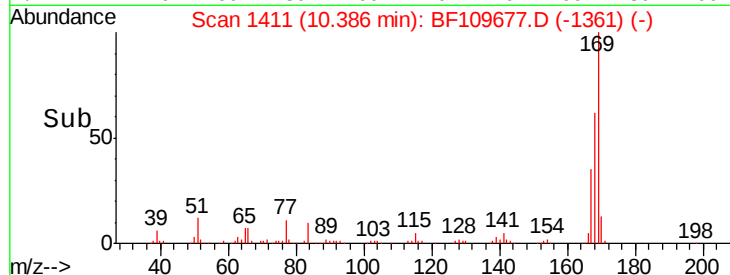
167 34.8 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.212 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

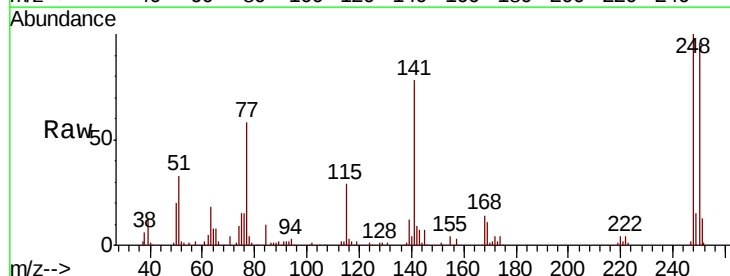
Tgt Ion:248 Resp: 107368

Ion Ratio Lower Upper

248 100

250 95.5 79.4 119.2

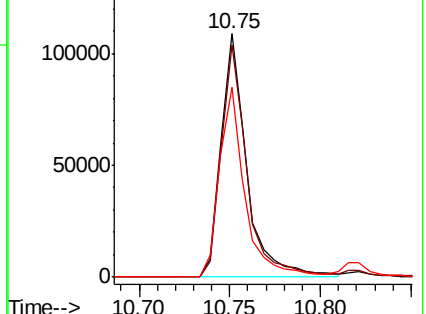
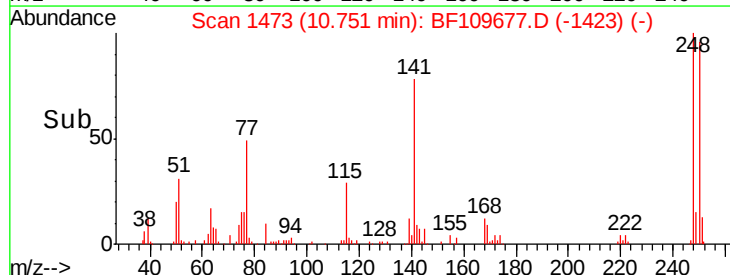
141 77.8 55.9 83.9

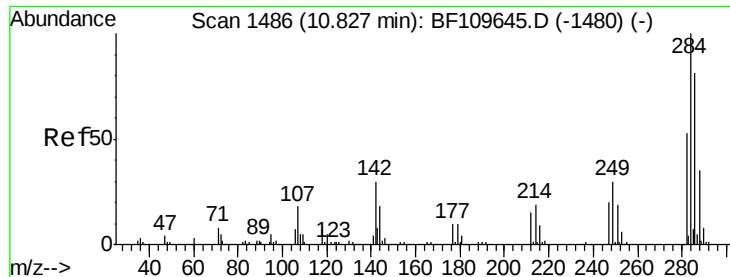


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.892 ng

RT: 10.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

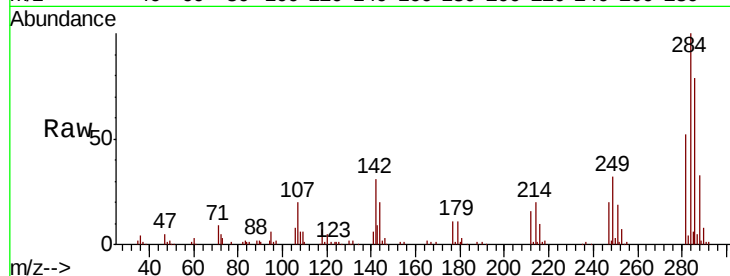
Tgt Ion:284 Resp: 109873

Ion Ratio Lower Upper

284 100

142 31.1 23.9 35.9

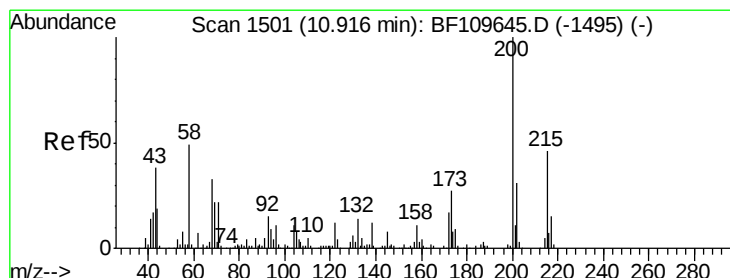
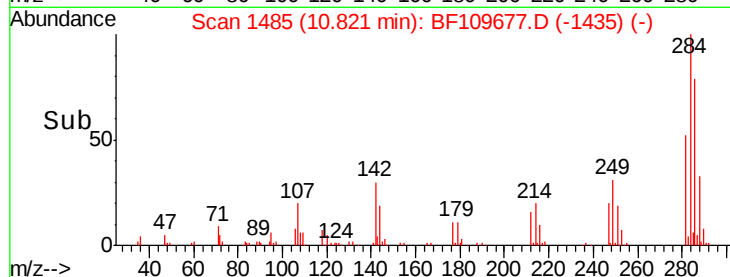
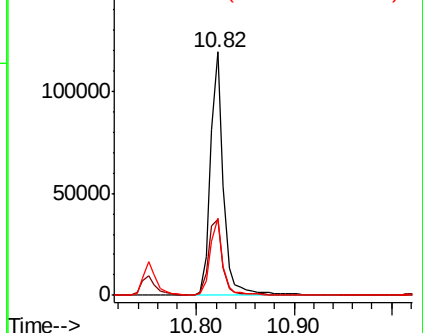
249 31.7 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.110 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

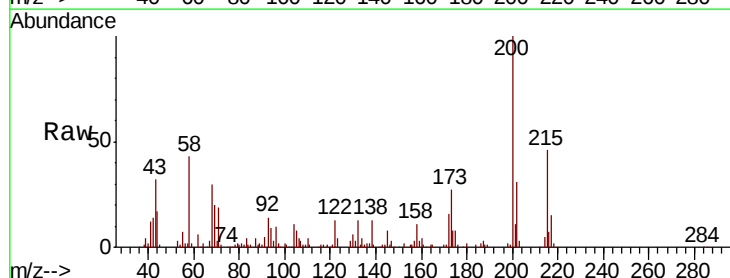
Tgt Ion:200 Resp: 98622

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

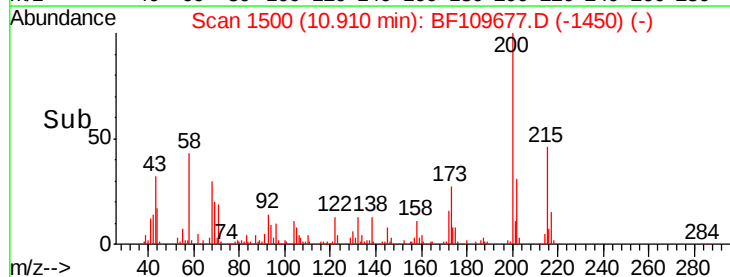
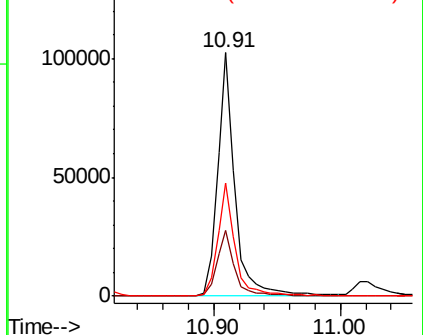
215 46.2 26.3 66.3

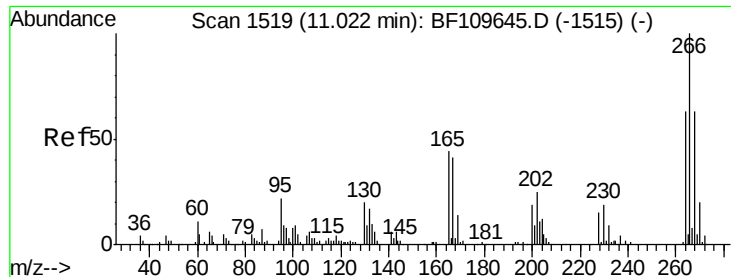


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

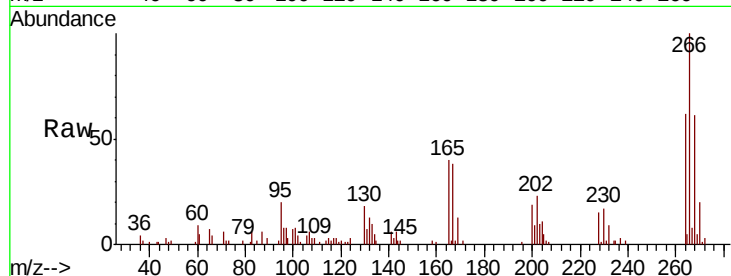




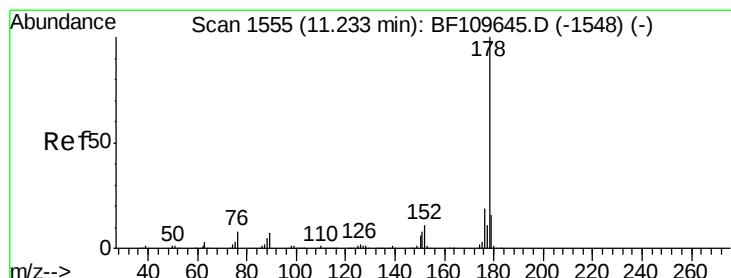
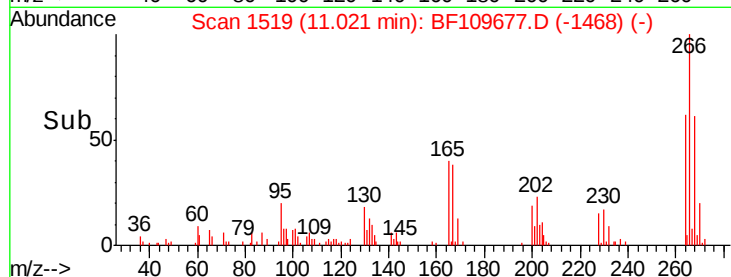
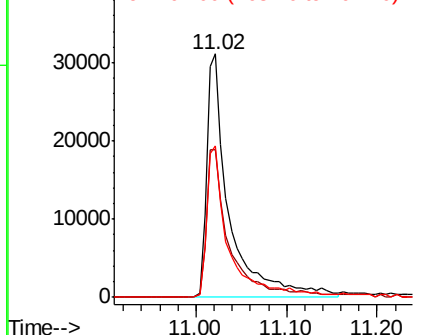
#69
 Pentachlorophenol
 Concen: 34.942 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 54155
 Ion Ratio Lower Upper
 266 100
 268 60.7 50.6 75.8
 264 62.3 50.6 75.8

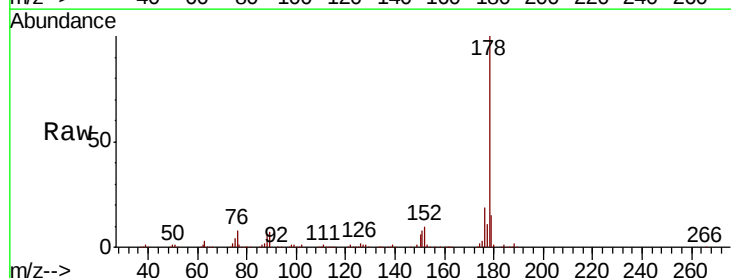


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

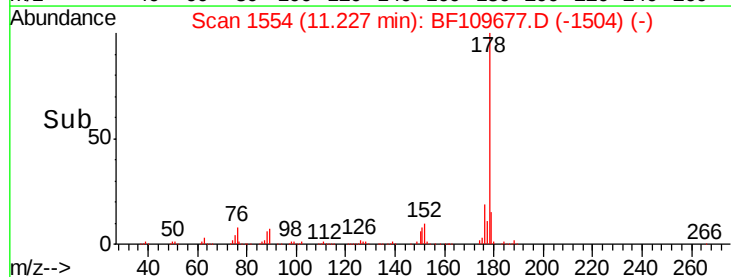
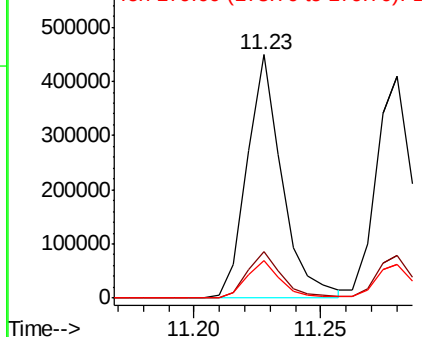


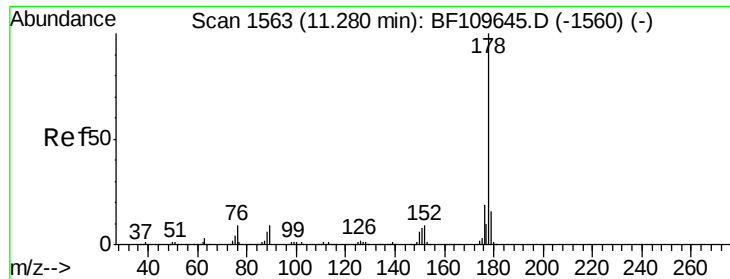
#70
 Phenanthrene
 Concen: 39.071 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Tgt Ion: 178 Resp: 432832
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 15.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

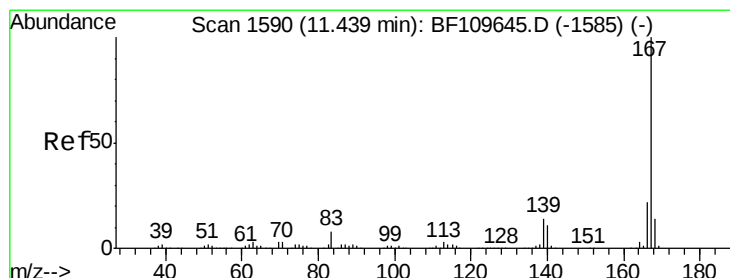
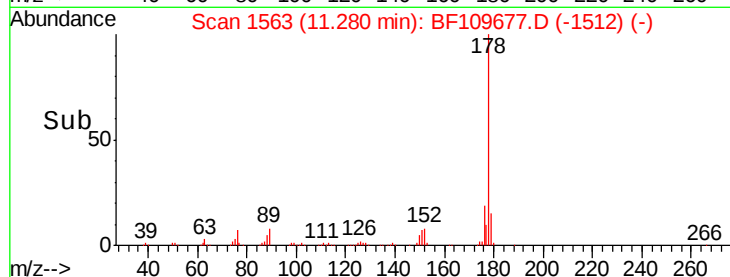
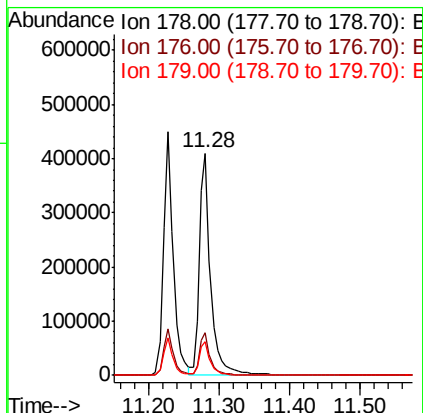
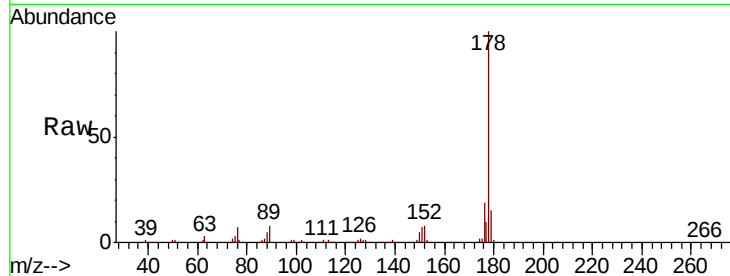




#71
 Anthracene
 Concen: 40.706 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

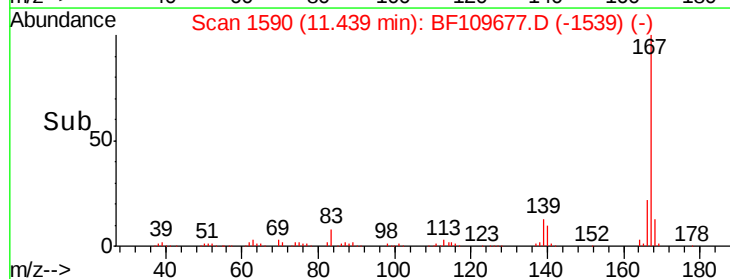
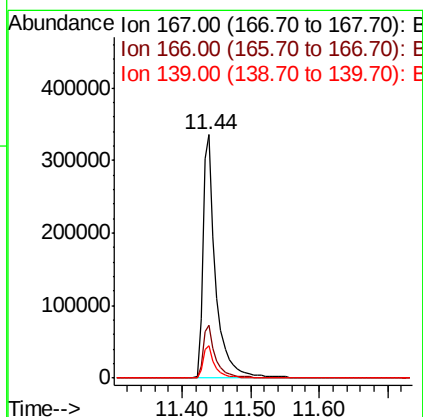
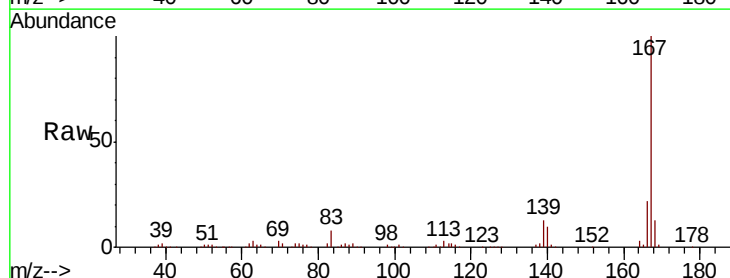
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 466146
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.4 12.6 18.8



#72
 Carbazole
 Concen: 39.675 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Tgt Ion:167 Resp: 440661
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.1 10.9 16.3

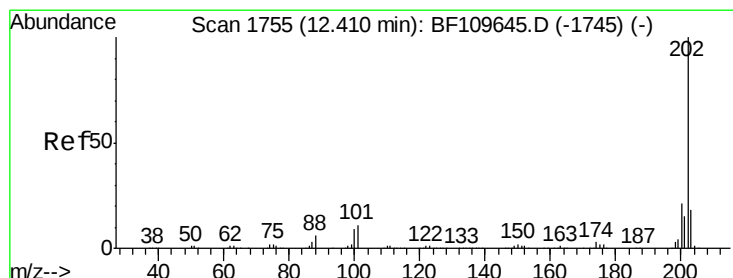
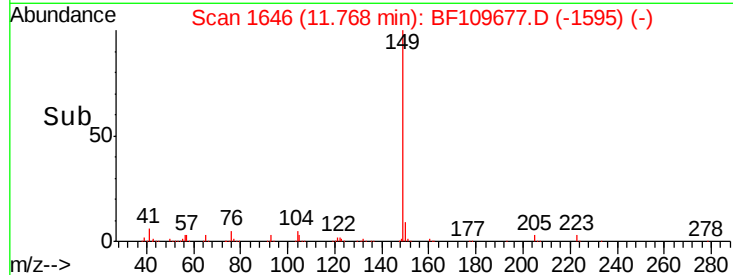
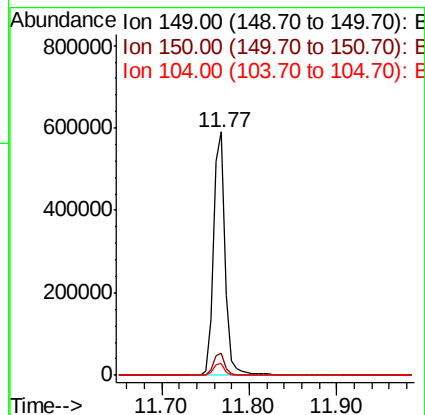
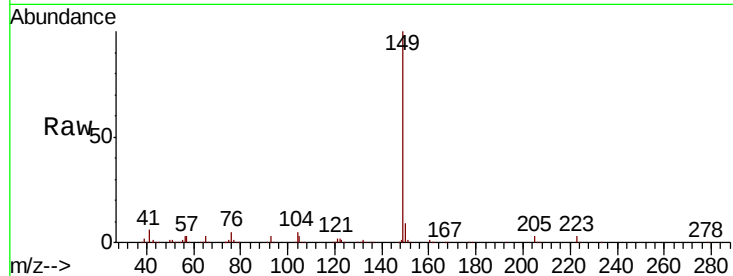




#73
Di-n-butylphthalate
Concen: 42.432 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

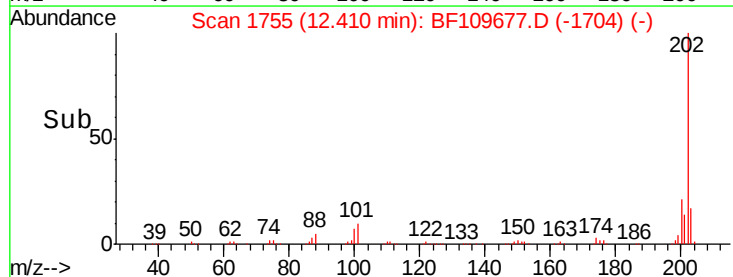
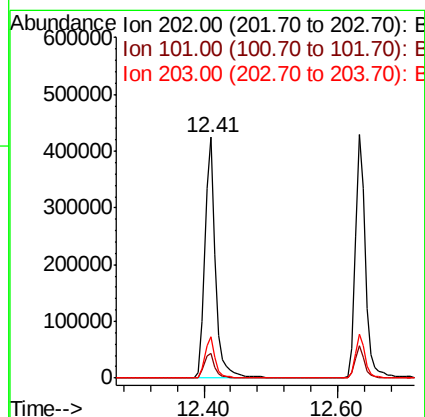
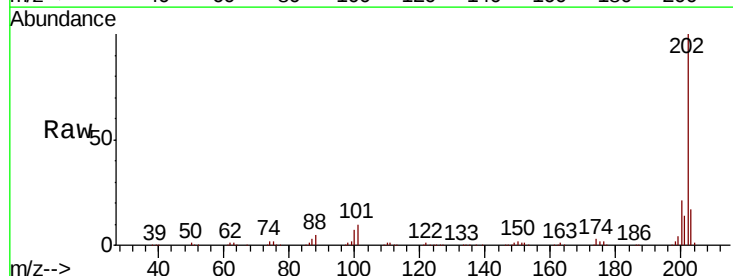
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

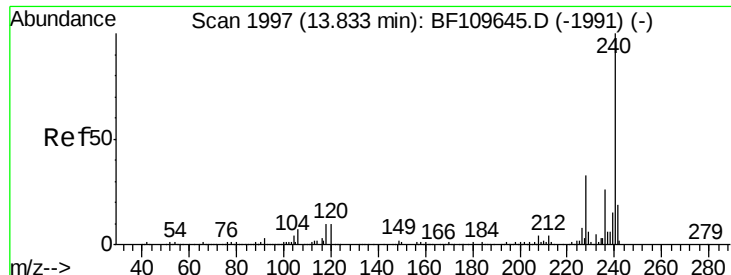
Tgt Ion:149 Resp: 546611
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 5.0 4.2 6.4



#74
Fluoranthene
Concen: 38.948 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion:202 Resp: 450750
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.4
203 17.1 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

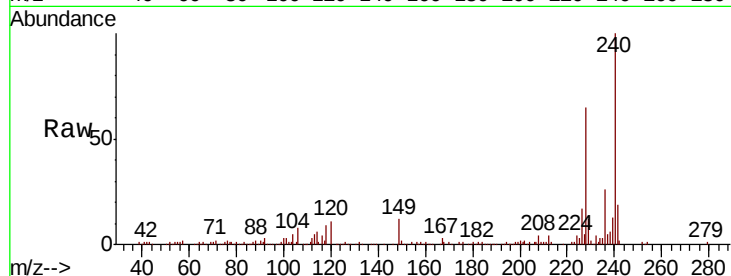
Tgt Ion:240 Resp: 174655

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

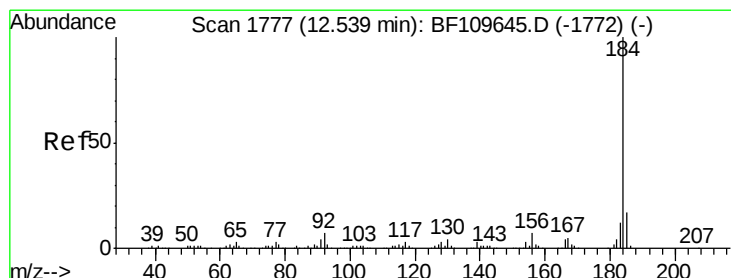
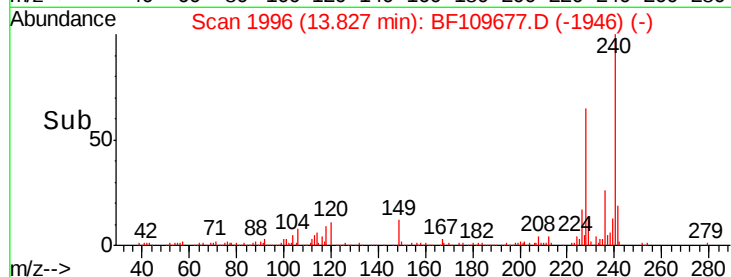
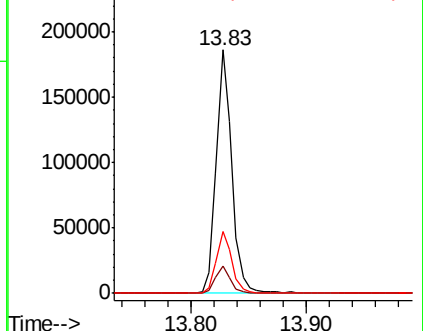
236 25.5 21.2 31.8



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



#76

Benzidine

Concen: 41.176 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

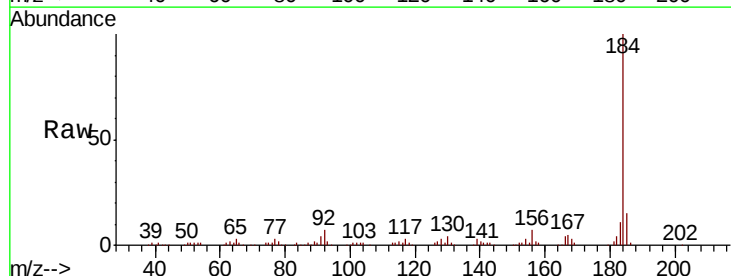
Tgt Ion:184 Resp: 267149

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.2

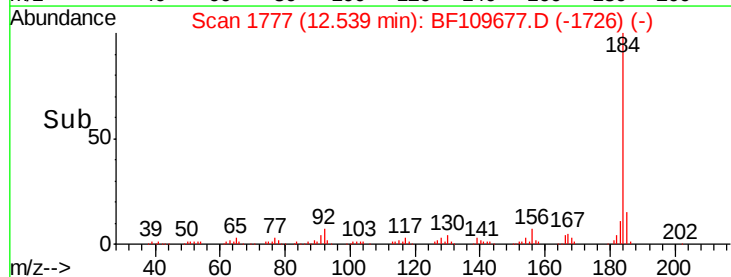
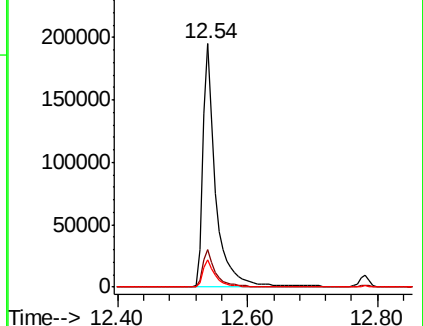
183 11.2 9.4 14.2

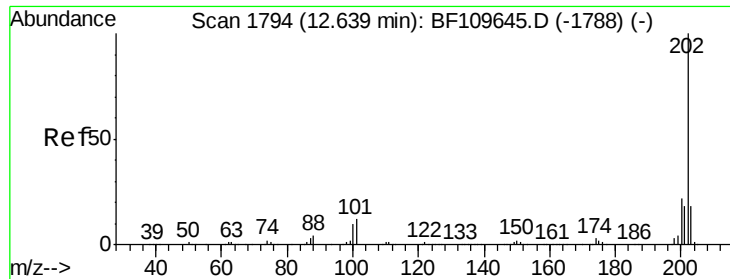


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

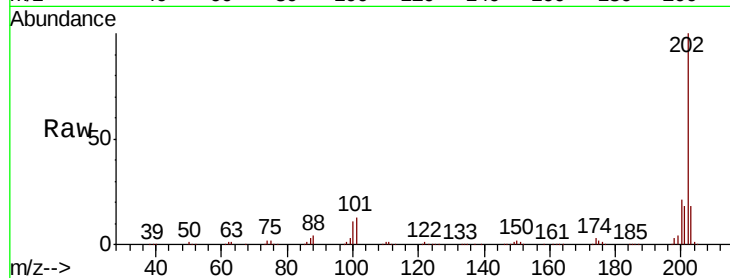




#77
 Pyrene
 Concen: 36.005 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	18.2	14.2	21.4

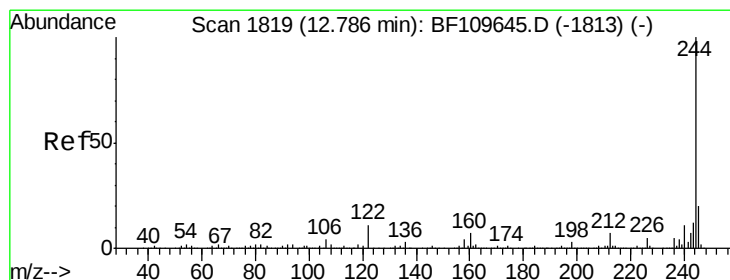
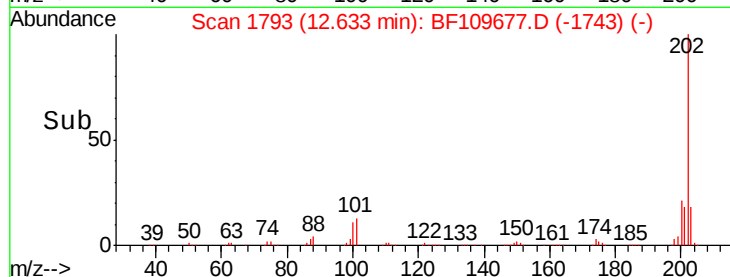
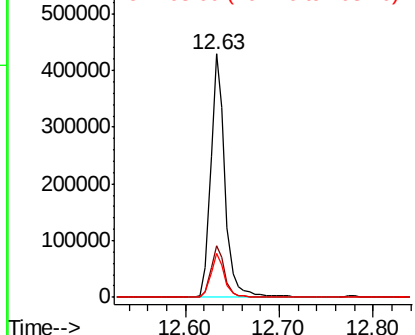


Abundance

Ion 202.00 (201.70 to 202.70): E

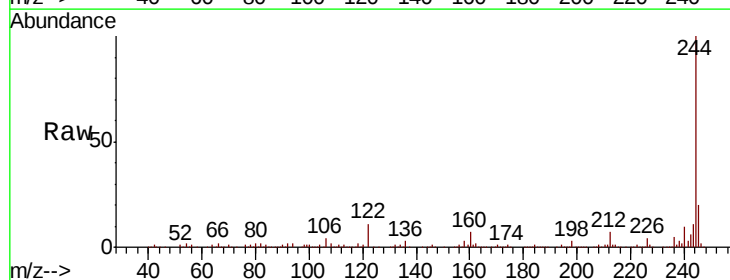
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
 Terphenyl-d14
 Concen: 73.934 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.1	8.7	13.1

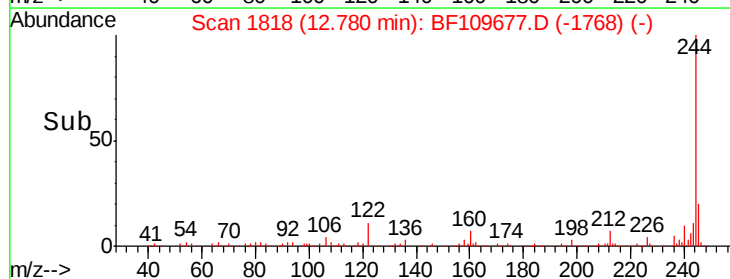
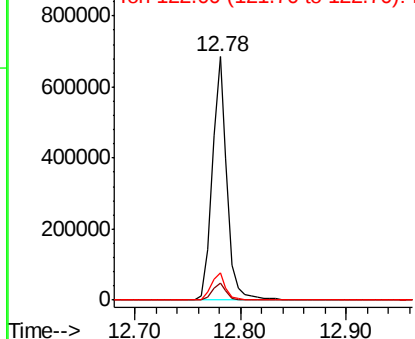


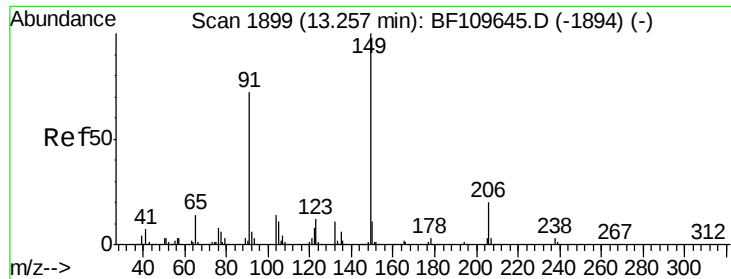
Abundance

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

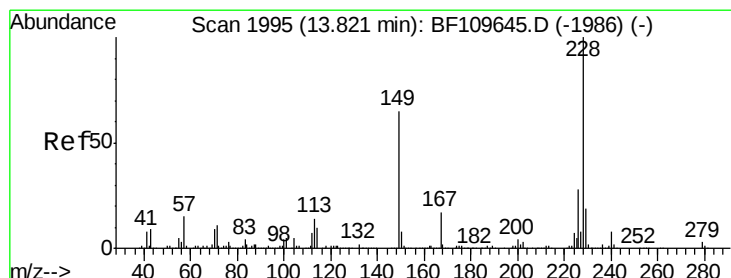
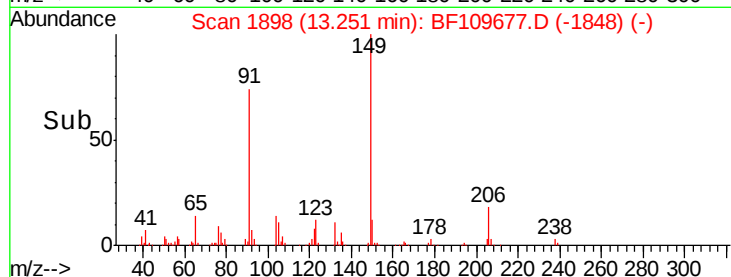
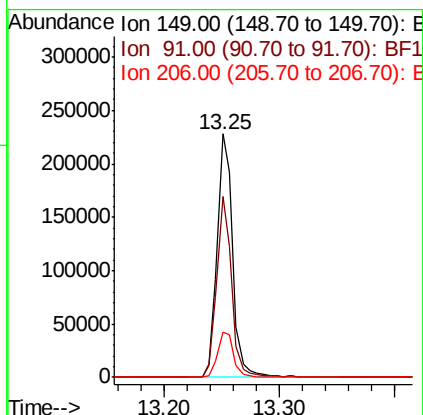
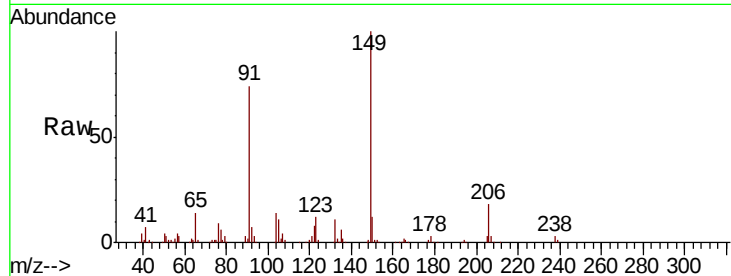




#79
Butylbenzylphthalate
Concen: 38.631 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

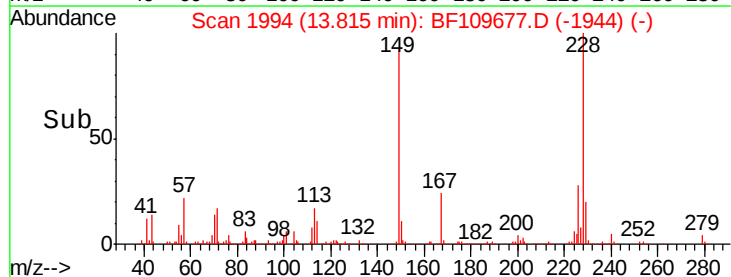
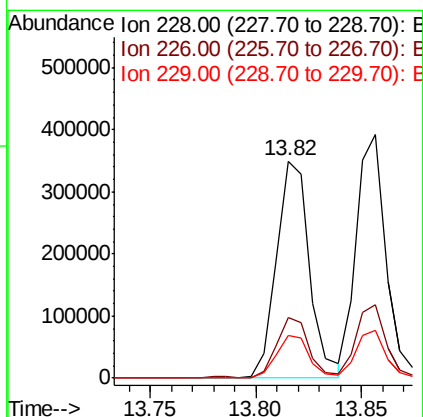
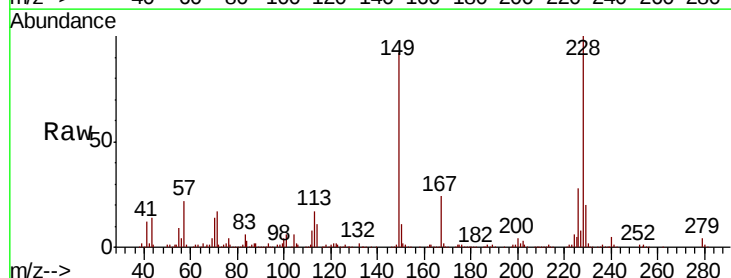
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 214321
Ion Ratio Lower Upper
149 100
91 74.3 57.2 85.8
206 18.5 15.7 23.5



#80
Benzo(a)anthracene
Concen: 39.511 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion:228 Resp: 380811
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 19.7 15.6 23.4

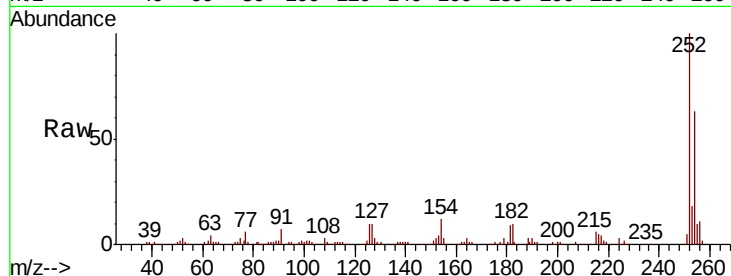




#81
 3,3'-Dichlorobenzidine
 Concen: 42.407 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.3	76.9
126	10.0	9.4	14.2

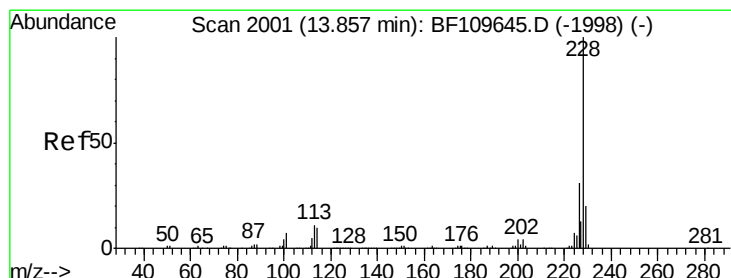
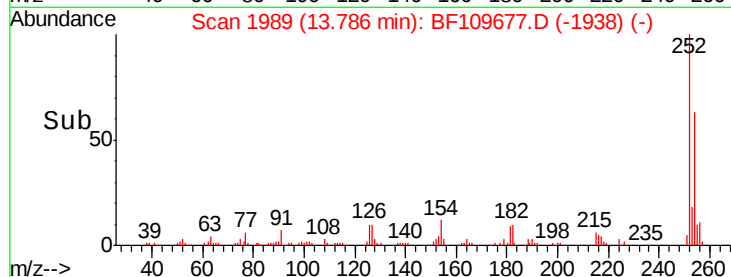
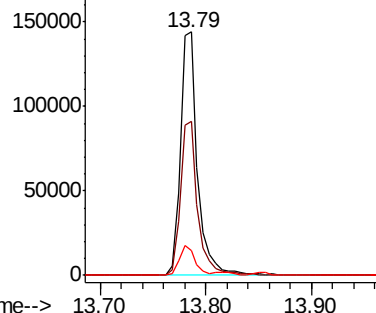


Abundance

Ion 252.00 (251.70 to 252.70): E

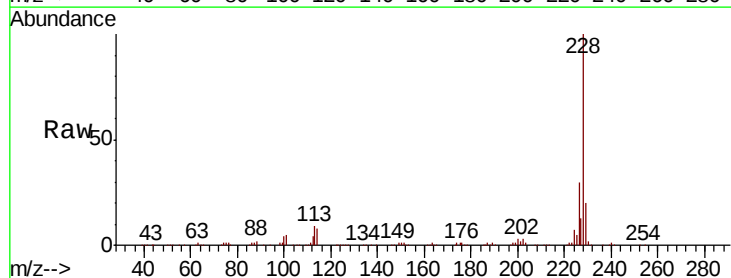
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 38.660 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	19.6	15.9	23.9

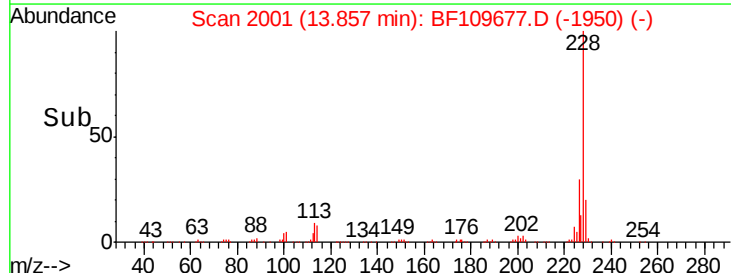
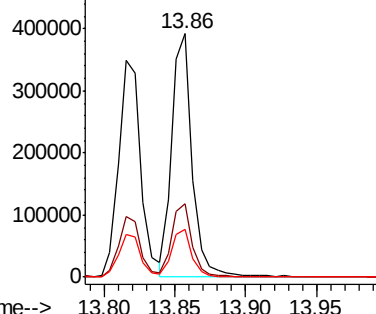


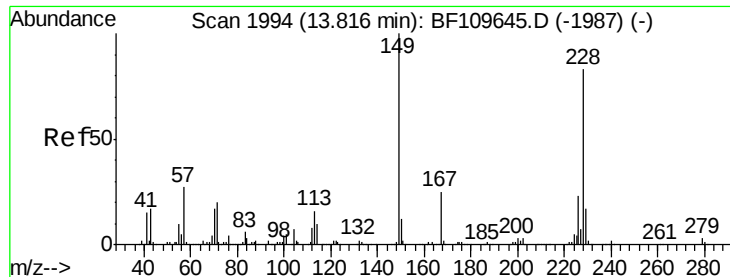
Abundance

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

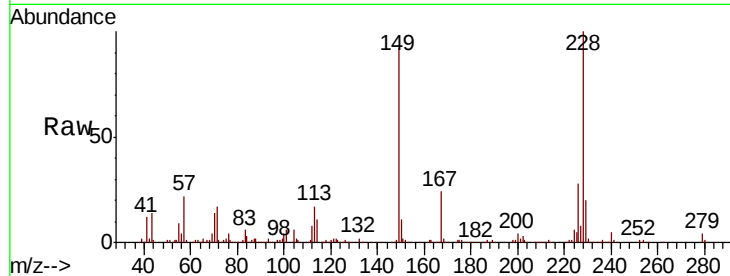




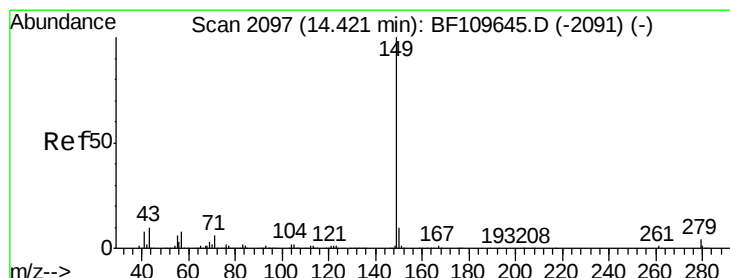
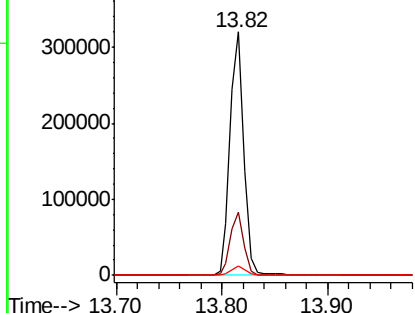
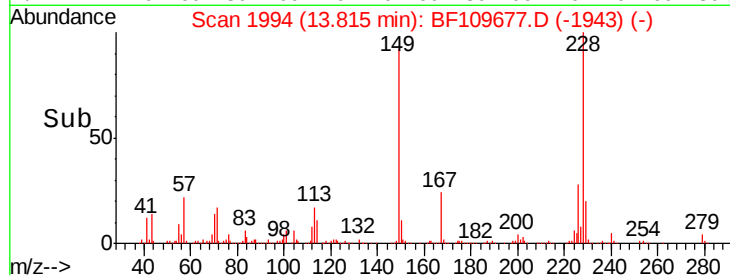
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.524 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 287828
 Ion Ratio Lower Upper
 149 100
 167 26.1 19.8 29.8
 279 3.8 2.7 4.1

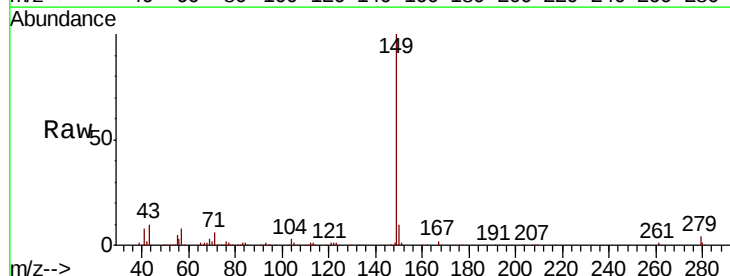


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

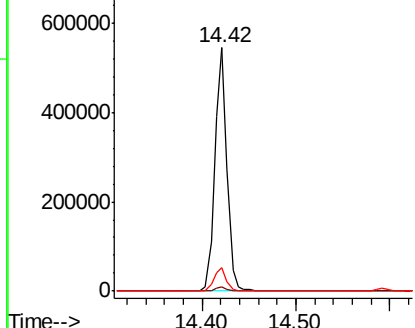
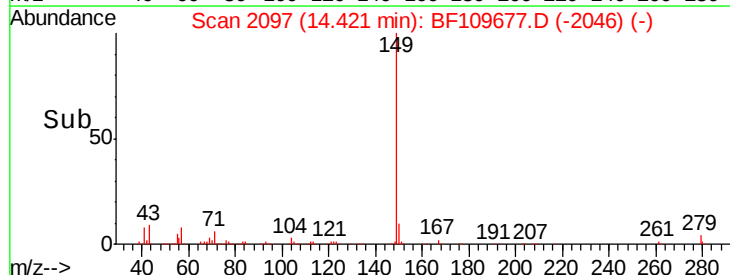


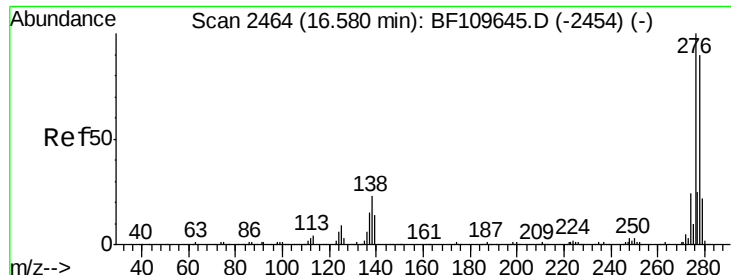
#84
 Di-n-octyl phthalate
 Concen: 46.447 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Tgt Ion:149 Resp: 496929
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 9.6 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

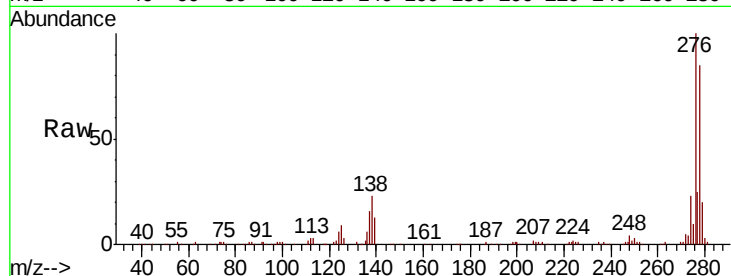




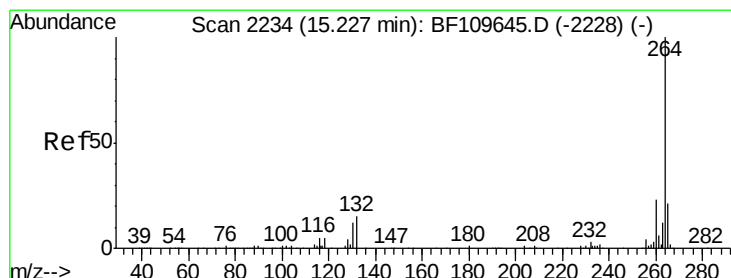
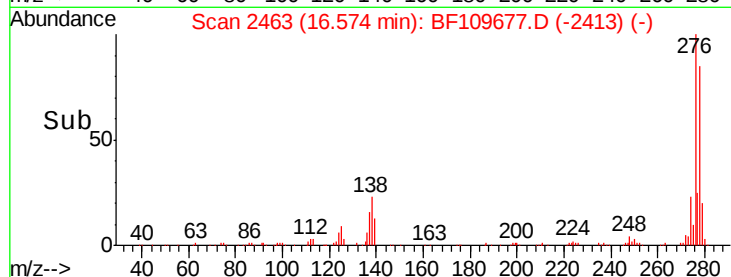
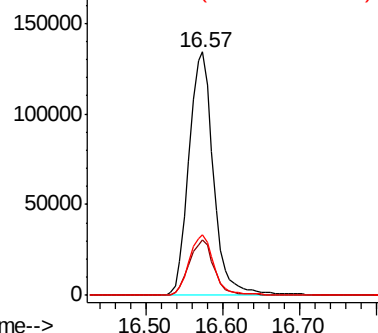
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.892 ng
 RT: 16.57 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.5	27.7
277	24.8	20.0	30.0

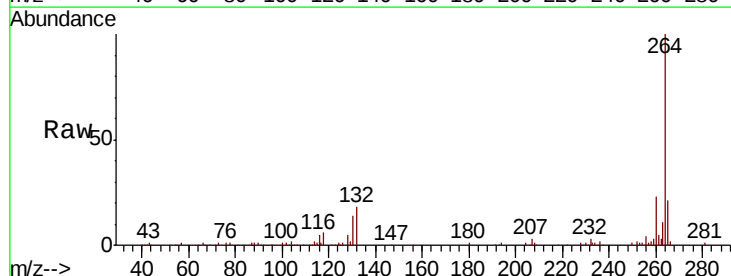


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

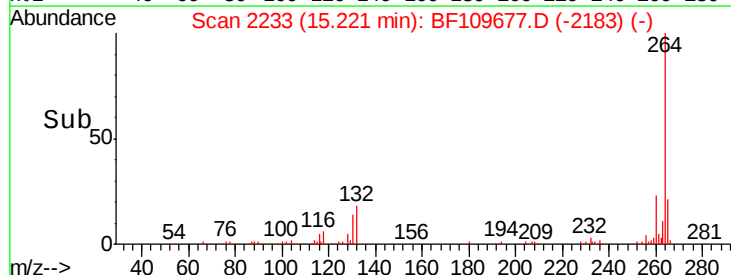
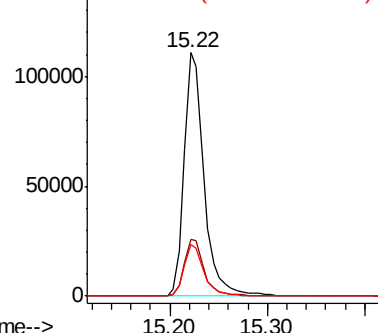


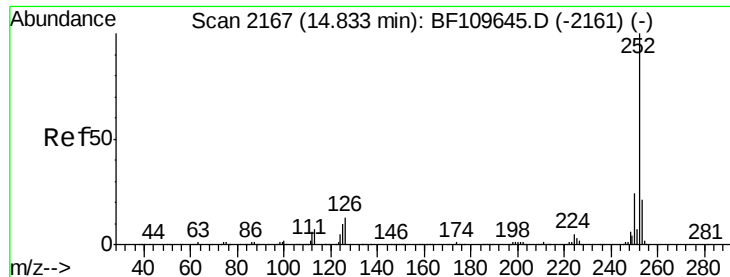
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109677.D
 Acq: 9 Oct 2018 5:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.1	16.7	25.1



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

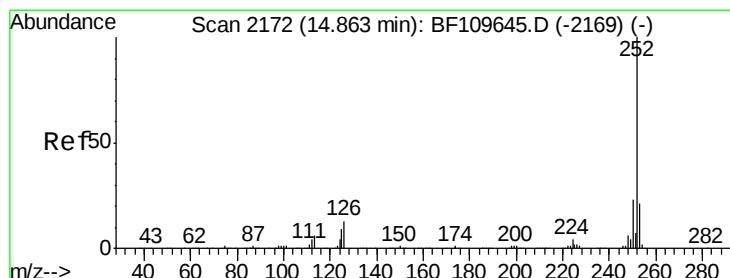
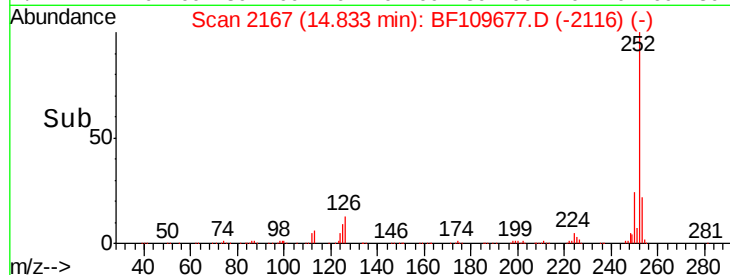
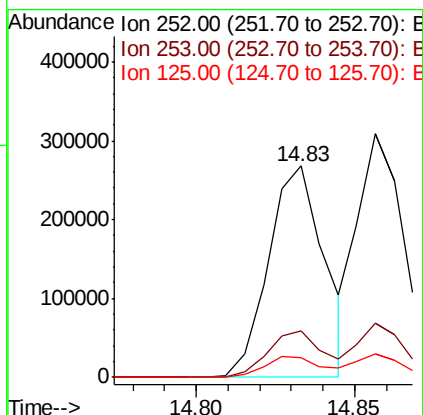
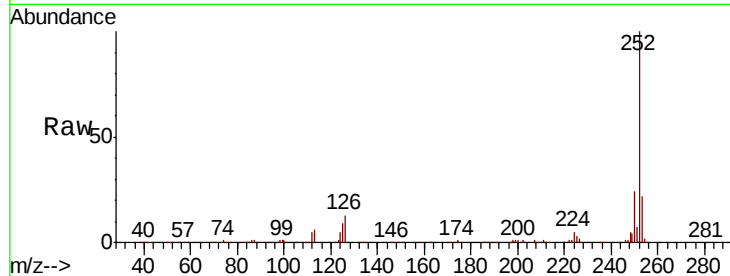




#87
Benzo(b)fluoranthene
Concen: 38.090 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

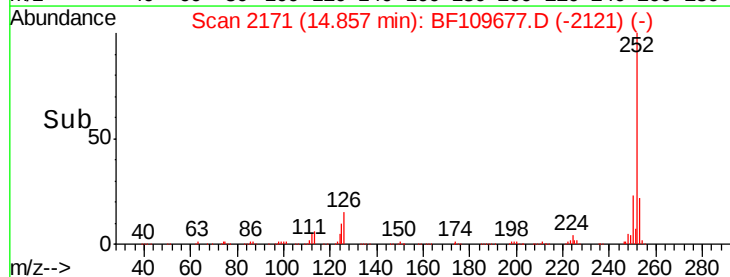
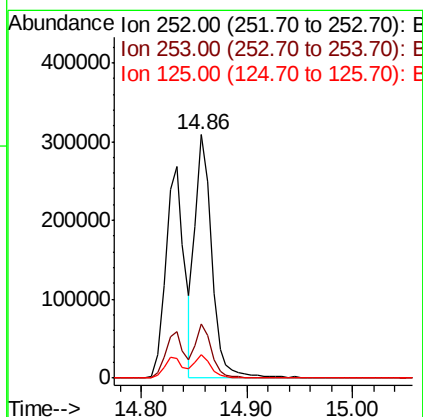
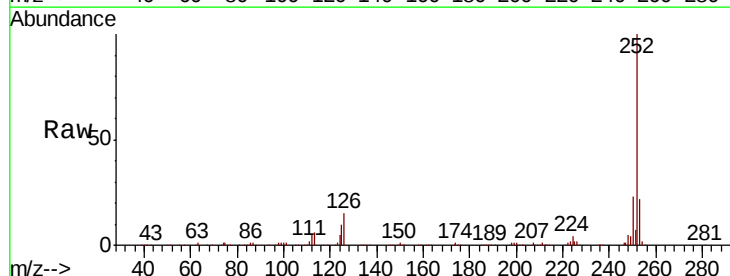
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

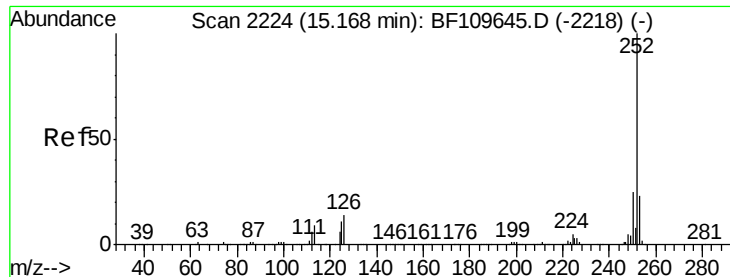
Tgt Ion:252 Resp: 328801
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.3 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 38.398 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF109677.D
Acq: 9 Oct 2018 5:24

Tgt Ion:252 Resp: 333038
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.7 7.4 11.0





#89

Benzo(a)pyrene

Concen: 38.920 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

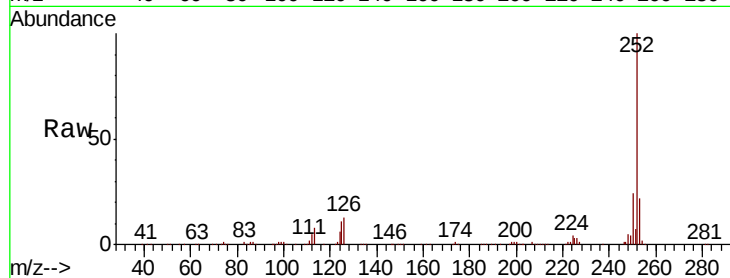
Tgt Ion:252 Resp: 304886

Ion Ratio Lower Upper

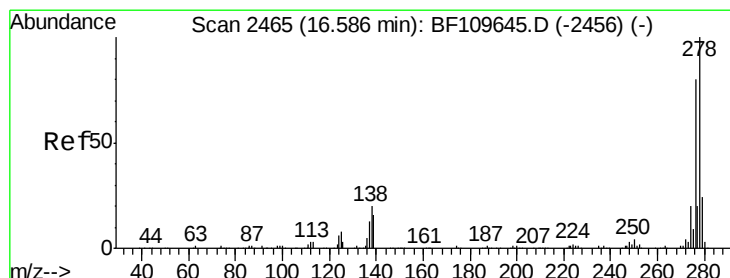
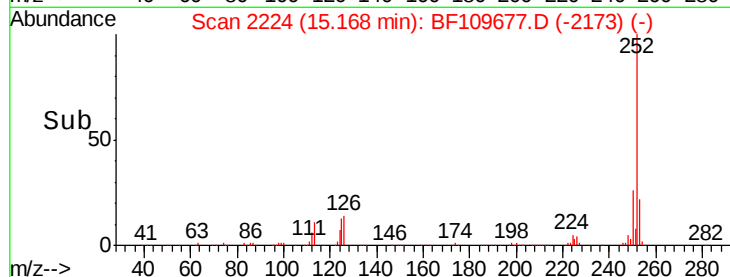
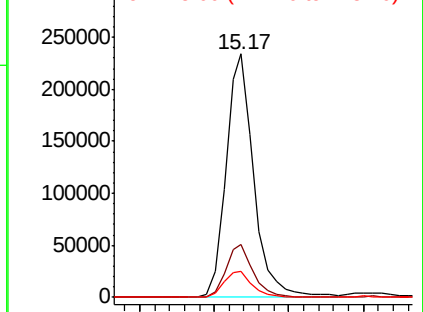
252 100

253 21.7 18.2 27.4

125 10.6 9.0 13.6



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



#90

Dibenzo(a,h)anthracene

Concen: 38.423 ng

RT: 16.58 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

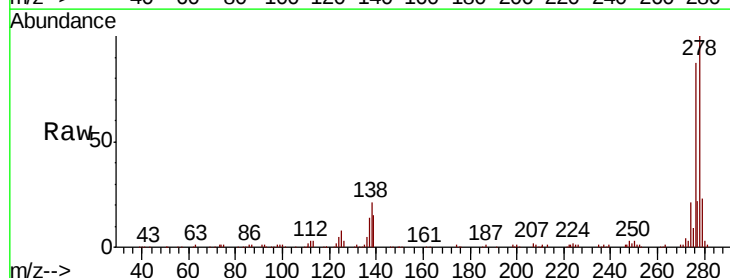
Tgt Ion:278 Resp: 247196

Ion Ratio Lower Upper

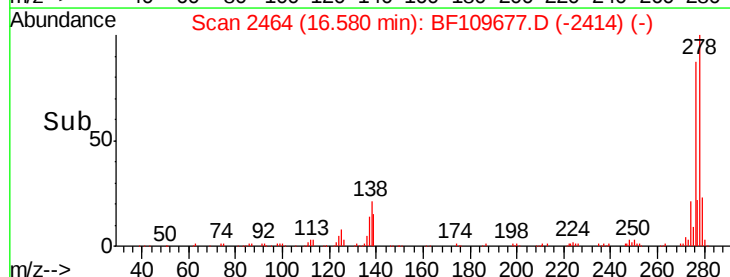
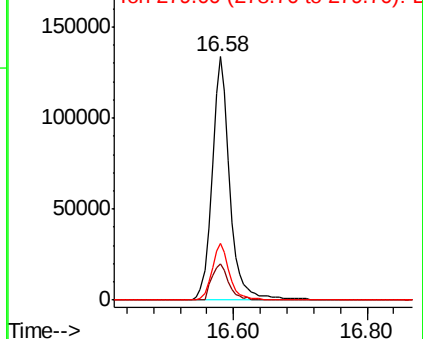
278 100

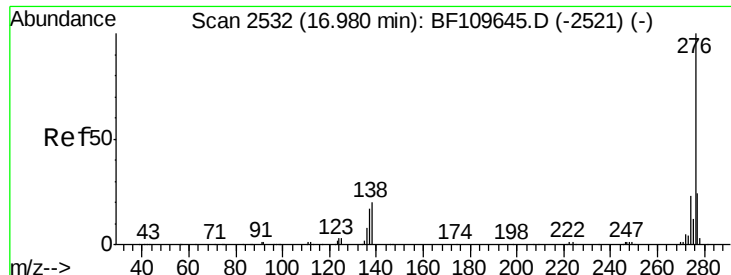
139 14.9 12.7 19.1

279 23.3 19.0 28.4



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





#91

Benzo(g,h,i)perylene

Concen: 36.711 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BF109677.D

Acq: 9 Oct 2018 5:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

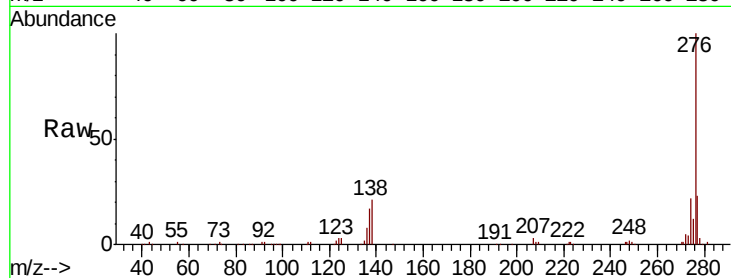
Tgt Ion: 276 Resp: 235846

Ion Ratio Lower Upper

276 100

277 22.8 18.8 28.2

138 20.7 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

