

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102659.D
 Acq On : 31 Jan 2018 17:16
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 31 18:45:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	152938	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	663568	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	297400	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	511570	20.00	ng	0.00
75) Chrysene-d12	13.87	240	350052	20.00	ng	0.00
86) Perylene-d12	15.29	264	282910	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	843972	83.67	ng	0.00
7) Phenol-d6	6.36	99	991304	81.52	ng	0.00
23) Nitrobenzene-d5	7.28	82	912193	79.00	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	199832	67.81	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1525194	75.41	ng	0.00
78) Terphenyl-d14	12.81	244	1246489	80.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	201853	42.119	ng	98
3) Pyridine	3.06	79	523476	41.798	ng	96
4) n-Nitrosodimethylamine	3.04	42	201666	41.073	ng	100
6) Aniline	6.37	93	637727	39.650	ng	# 64
8) 2-Chlorophenol	6.49	128	436444	41.278	ng	99
9) Benzaldehyde	6.26	77	266007	39.121	ng	97
10) Phenol	6.37	94	523793	39.455	ng	# 55
11) bis(2-Chloroethyl)ether	6.45	93	425083	42.100	ng	95
12) 1,3-Dichlorobenzene	6.65	146	505831	40.226	ng	98
13) 1,4-Dichlorobenzene	6.72	146	507896	40.320	ng	99
14) 1,2-Dichlorobenzene	6.87	146	461070	40.017	ng	99
15) Benzyl Alcohol	6.86	79	331582	38.647	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	665208	39.281	ng	76
17) 2-Methylphenol	6.97	107	370437	40.340	ng	# 93
18) Hexachloroethane	7.21	117	180867	41.205	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	303457	40.778	ng	99
20) 3+4-Methylphenols	7.13	107	471897	43.694	ng	94
22) Acetophenone	7.12	105	619106	39.138	ng	# 96
24) Nitrobenzene	7.30	77	474371	40.144	ng	97
25) Isophorone	7.53	82	814846	39.584	ng	100
26) 2-Nitrophenol	7.61	139	253359	40.737	ng	97
27) 2,4-Dimethylphenol	7.65	122	355649	39.382	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	508952	40.024	ng	99
29) 2,4-Dichlorophenol	7.86	162	366553	39.847	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	373229	37.849	ng	99
31) Naphthalene	8.01	128	1269391	38.314	ng	99
32) Benzoic acid	7.82	122	273750	36.181	ng	96
33) 4-Chloroaniline	8.07	127	544243	39.064	ng	98
34) Hexachlorobutadiene	8.12	225	198343	37.660	ng	99
35) Caprolactam	8.45	113	118250	38.923	ng	97
36) 4-Chloro-3-methylphenol	8.56	107	387777	39.992	ng	96
37) 2-Methylnaphthalene	8.70	142	844031	38.253	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	346788	38.758	ng	100
40) Hexachlorocyclopentadiene	8.85	237	151051	37.723	ng	98

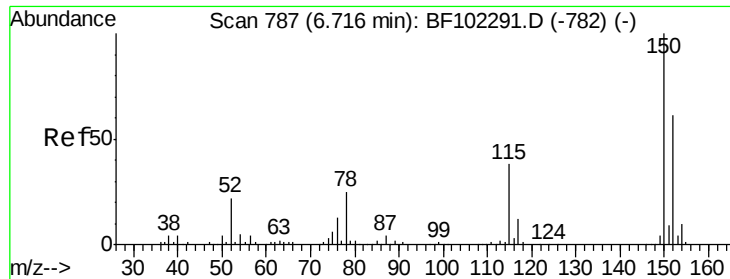
Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102659.D
 Acq On : 31 Jan 2018 17:16
 Operator : SJ/JU
 Sample : SSTDCCC040
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 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	220320	36.783	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	253643	37.610	ng	96
45) 1,1'-Biphenyl	9.16	154	1015390	38.183	ng	100
46) 2-Chloronaphthalene	9.19	162	790528	38.245	ng	98
47) 2-Nitroaniline	9.30	65	263498	40.889	ng	99
48) Acenaphthylene	9.60	152	1195018	37.110	ng	100
49) Dimethylphthalate	9.47	163	926638	37.696	ng	99
50) 2,6-Dinitrotoluene	9.54	165	203531	38.403	ng	97
51) Acenaphthene	9.77	154	712136	37.865	ng	99
52) 3-Nitroaniline	9.71	138	251215	40.068	ng	98
53) 2,4-Dinitrophenol	9.83	184	95867	42.148	ng	# 21
54) Dibenzofuran	9.95	168	972337	38.201	ng	98
55) 4-Nitrophenol	9.89	139	146572	35.416	ng	95
56) 2,4-Dinitrotoluene	9.95	165	239952	36.817	ng	94
57) Fluorene	10.29	166	800437	39.686	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	174482	36.236	ng	98
59) Diethylphthalate	10.16	149	885480	37.068	ng	99
60) 4-Chlorophenyl-phenylether	10.28	204	347267	39.713	ng	98
61) 4-Nitroaniline	10.33	138	242118	38.700	ng	90
62) Azobenzene	10.44	77	844715	38.623	ng	99
64) 4,6-Dinitro-2-methylphenol	10.36	198	122312	35.837	ng	87
65) n-Nitrosodiphenylamine	10.40	169	729339	38.843	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	214823	39.009	ng	94
67) Hexachlorobenzene	10.84	284	220461	35.795	ng	93
68) Atrazine	10.93	200	207966	37.501	ng	98
69) Pentachlorophenol	11.04	266	112006	34.619	ng	97
70) Phenanthrene	11.25	178	1126163	37.778	ng	99
71) Anthracene	11.30	178	1165911	38.318	ng	100
72) Carbazole	11.46	167	1148374	38.686	ng	99
73) Di-n-butylphthalate	11.78	149	1388418	37.419	ng	100
74) Fluoranthene	12.44	202	1129806	37.166	ng	99
76) Benzidine	12.56	184	458962	39.029	ng	99
77) Pyrene	12.67	202	1144300	42.280	ng	99
79) Butylbenzylphthalate	13.28	149	556853	41.344	ng	96
80) Benzo(a)anthracene	13.86	228	888009	41.204	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	300755	38.042	ng	99
82) Chrysene	13.89	228	867176	39.623	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	727699	40.203	ng	100
84) Di-n-octyl phthalate	14.44	149	1079809	36.683	ng	100
85) Indeno(1,2,3-cd)pyrene	16.69	276	630470	34.882	ng	98
87) Benzo(b)fluoranthene	14.88	252	703282	38.354	ng	98
88) Benzo(k)fluoranthene	14.91	252	723121	41.740	ng	99
89) Benzo(a)pyrene	15.23	252	655642	39.645	ng	# 96
90) Dibenzo(a,h)anthracene	16.69	278	511223	38.161	ng	98
91) Benzo(g,h,i)perylene	17.10	276	538666	40.723	ng	99

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

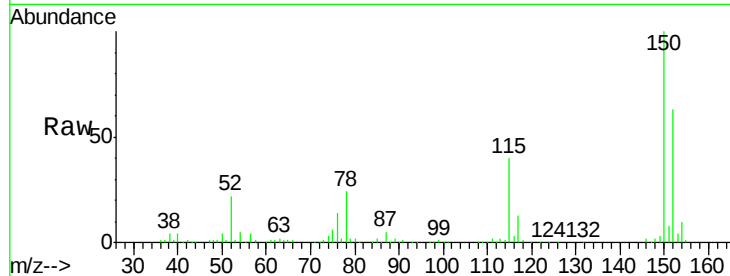


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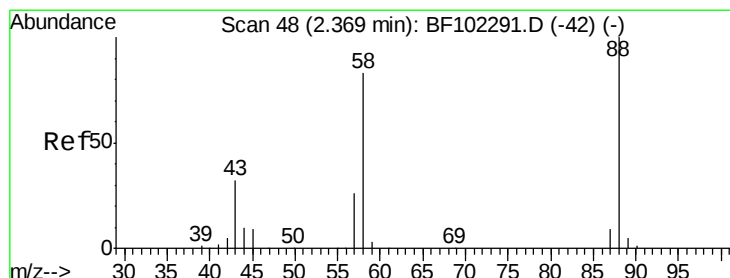
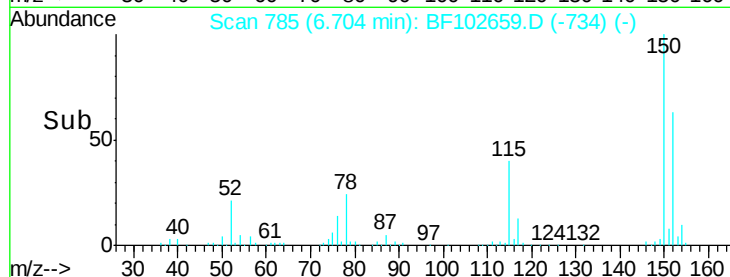
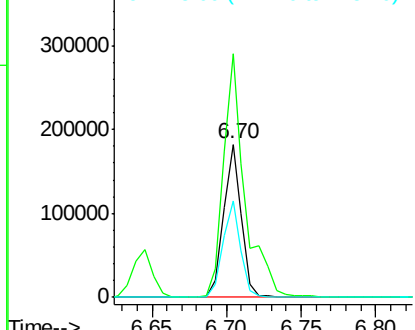
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 152938
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.6 186.8
 115 63.3 50.1 75.1



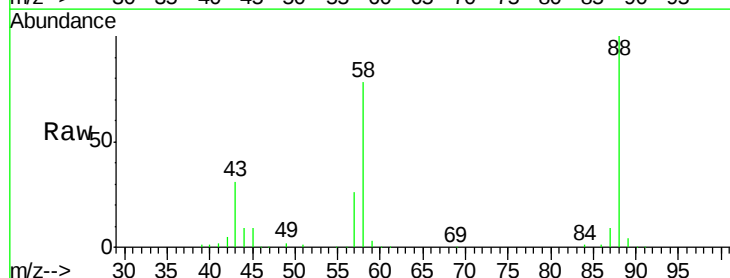
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



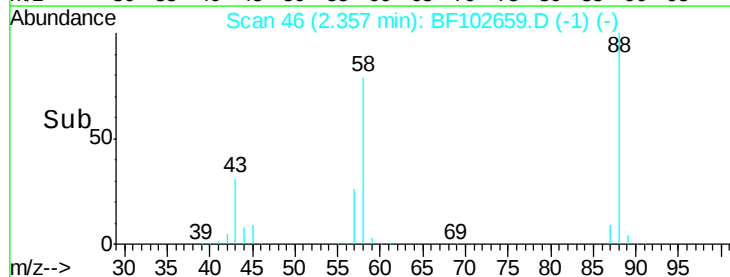
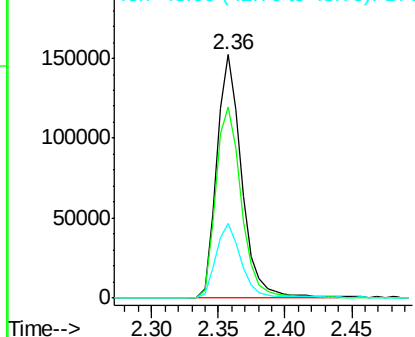
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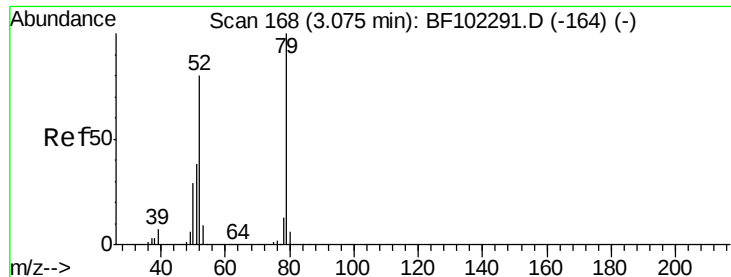
1,4-Dioxane
 Concen: 42.119 ng
 RT: 2.36 min Scan# 46
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

Tgt Ion: 88 Resp: 201853
 Ion Ratio Lower Upper
 88 100
 58 80.5 62.6 93.8
 43 31.5 24.6 37.0



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





#3

Pvridine

Concen: 41.798 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

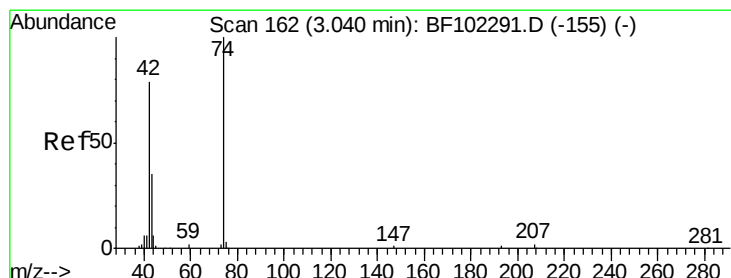
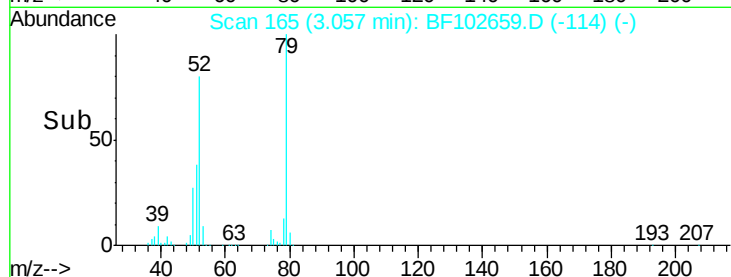
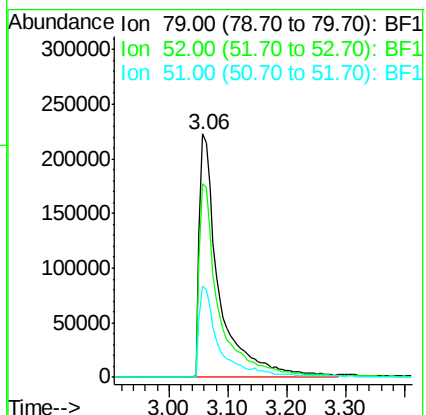
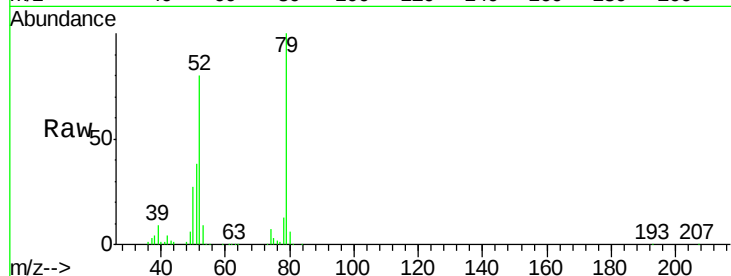
Tot Ion: 79 Resp: 523476

Ion Ratio Lower Upper

79 100

52 79.8 59.8 89.6

51 37.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 41.073 ng

RT: 3.04 min Scan# 162

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

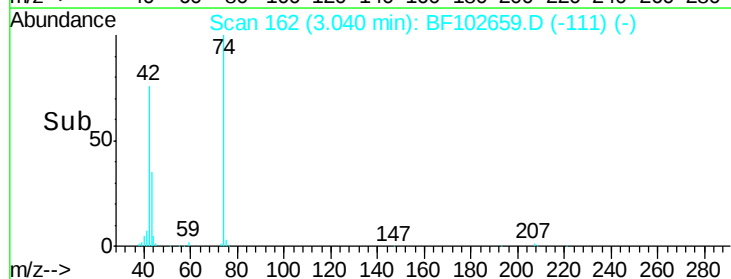
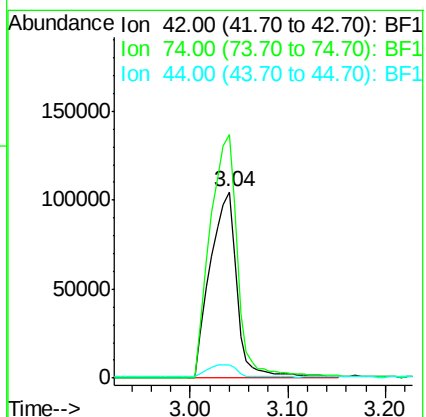
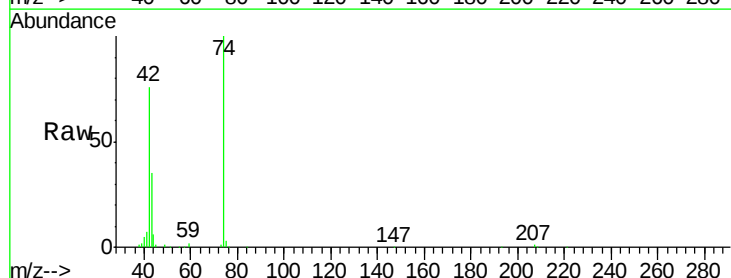
Tgt Ion: 42 Resp: 201666

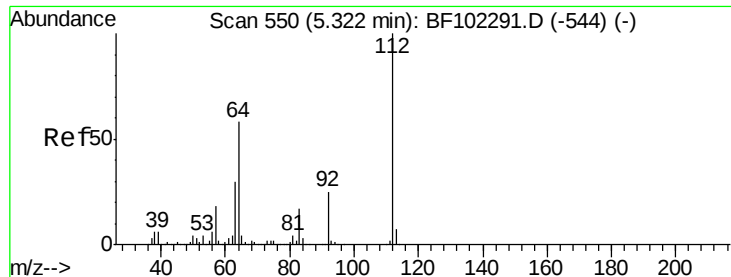
Ion Ratio Lower Upper

42 100

74 130.8 104.9 157.3

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 83.673 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

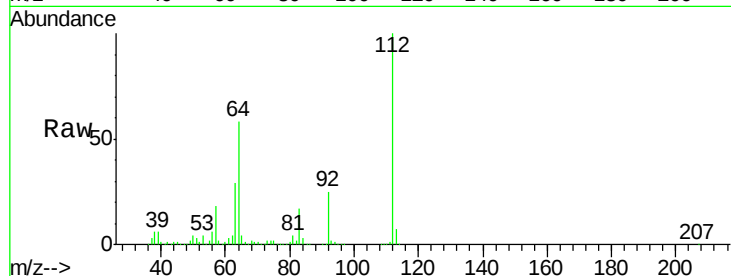
Tot Ion:112 Resp: 843972

Ion Ratio Lower Upper

112 100

64 58.2 47.9 71.9

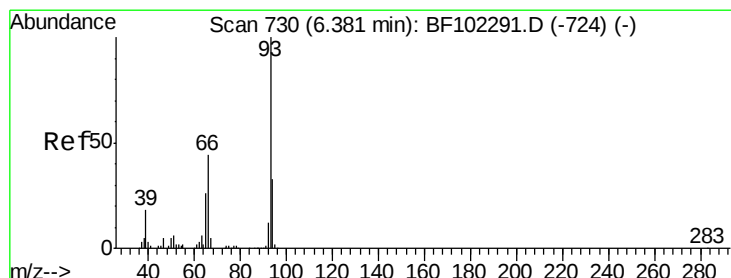
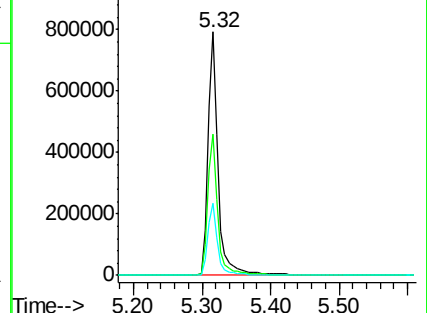
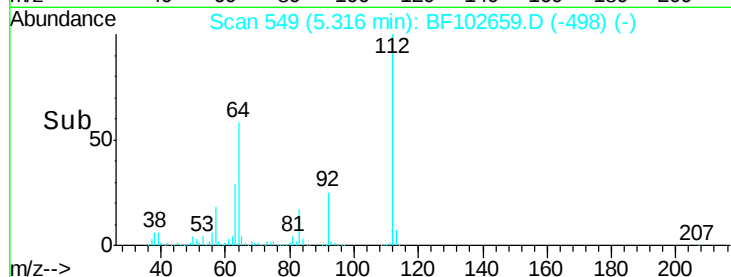
63 29.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.650 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

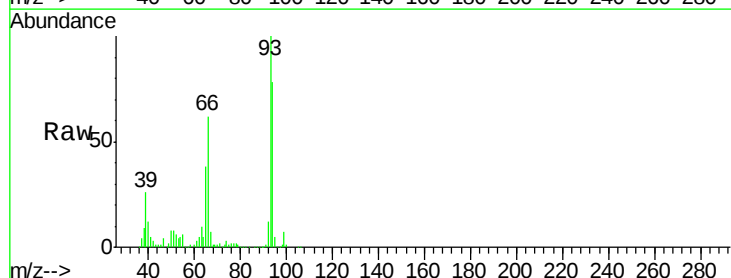
Tgt Ion: 93 Resp: 637727

Ion Ratio Lower Upper

93 100

66 61.9 32.2 48.2#

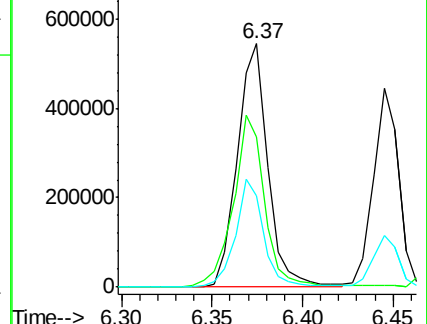
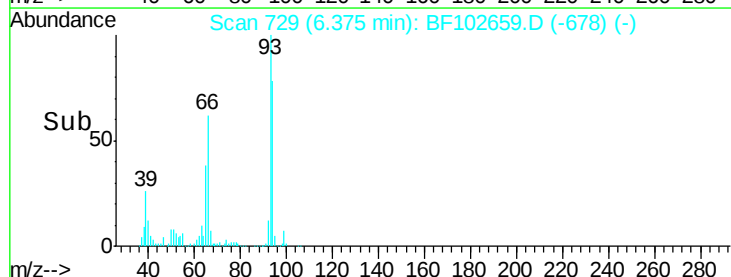
65 37.6 16.4 24.6#

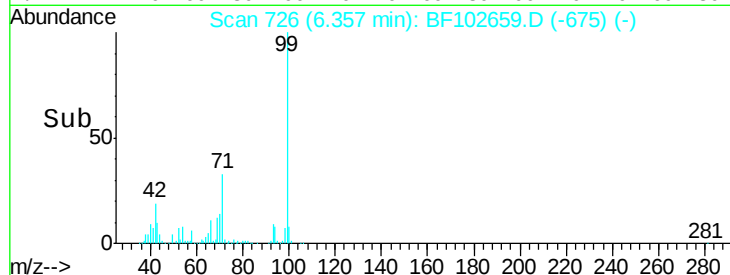
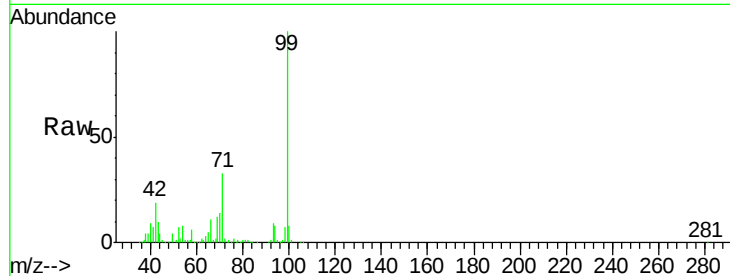
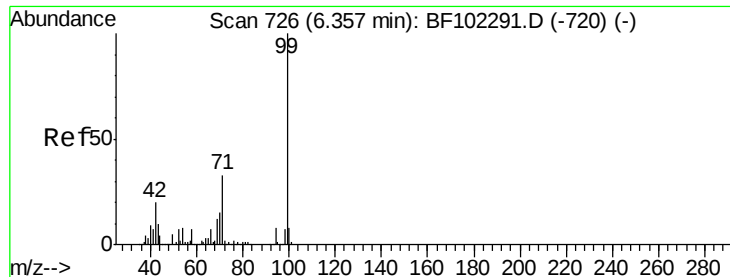


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.520 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

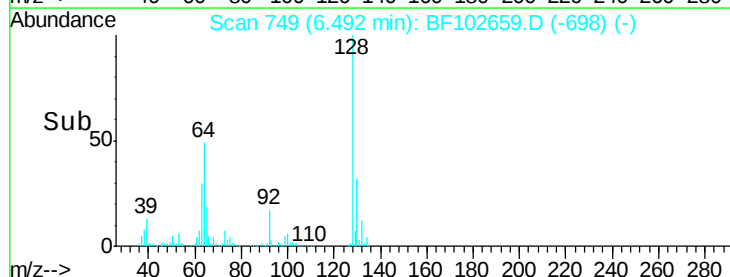
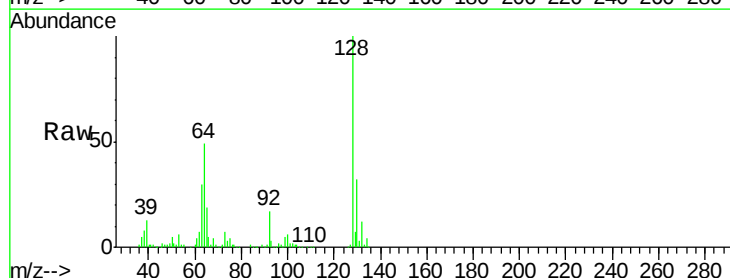
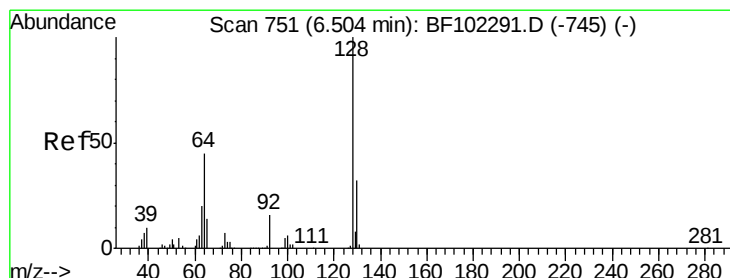
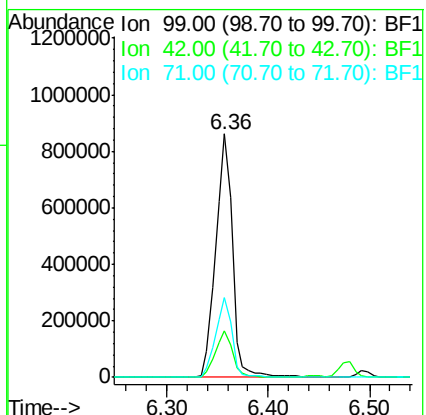
Tot Ion: 99 Resp: 991304

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 32.8 25.4 38.0



#8

2-Chlorophenol

Concen: 41.278 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

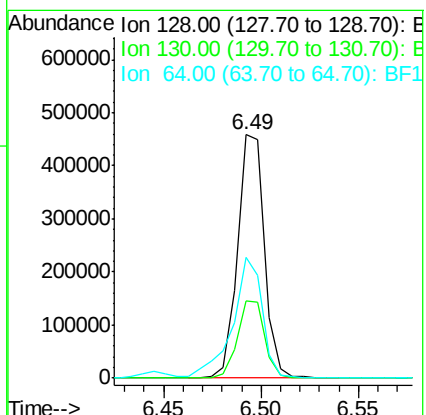
Tgt Ion: 128 Resp: 436444

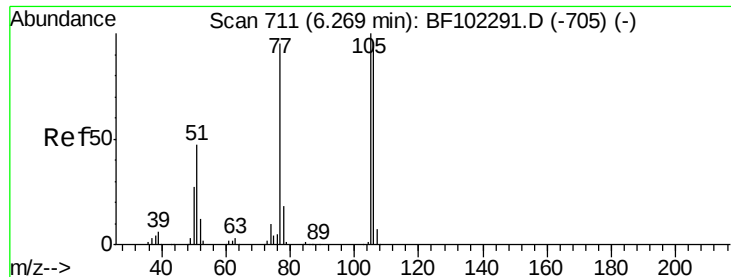
Ion Ratio Lower Upper

128 100

130 31.7 13.0 53.0

64 49.4 29.4 69.4





#9

Benzaldehyde

Concen: 39.121 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

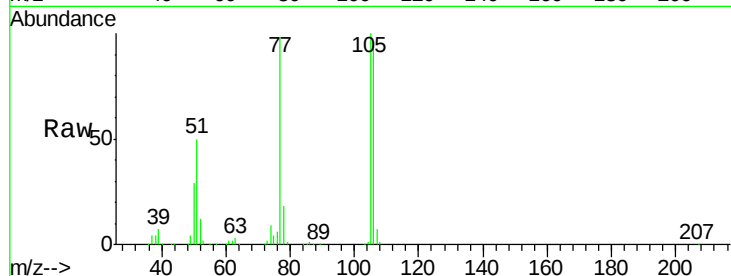
Tot Ion: 77 Resp: 266007

Ion Ratio Lower Upper

77 100

105 102.5 81.1 121.1

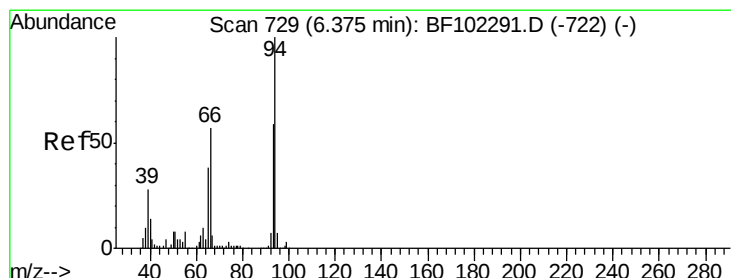
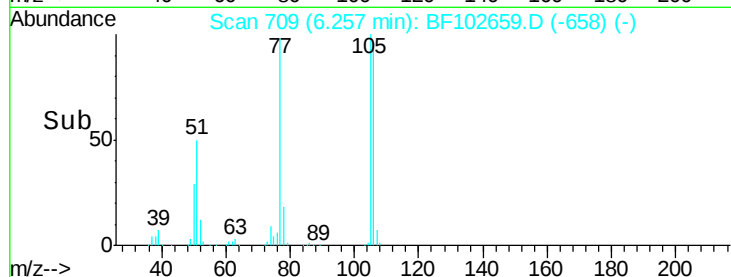
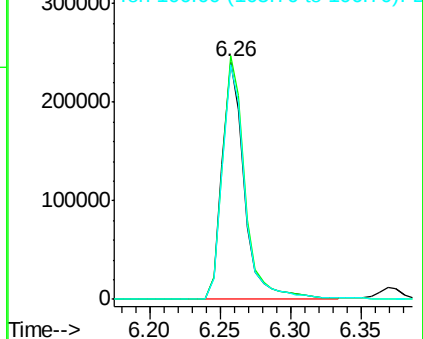
106 98.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.455 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

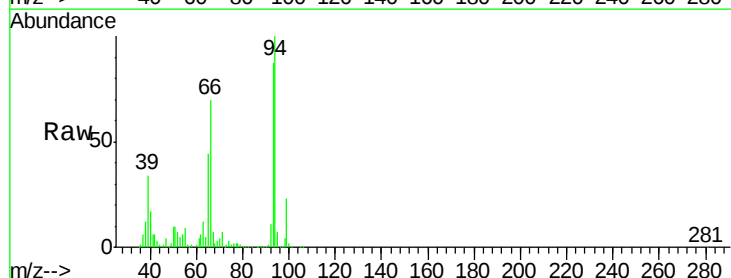
Tgt Ion: 94 Resp: 523793

Ion Ratio Lower Upper

94 100

65 43.6 7.9 47.9

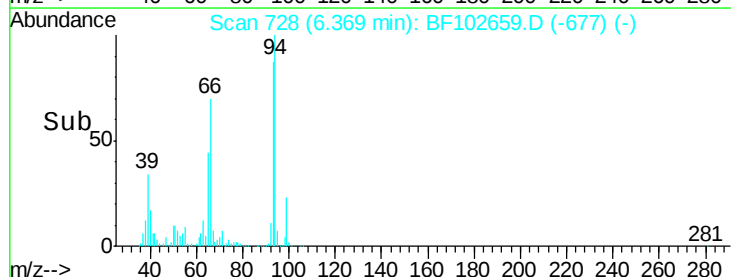
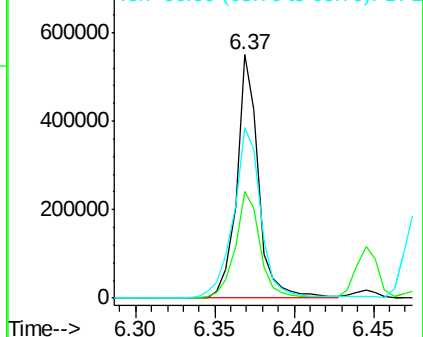
66 70.0 16.2 56.2#

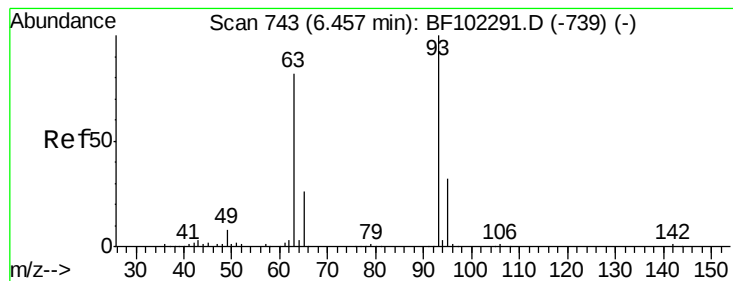


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.100 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

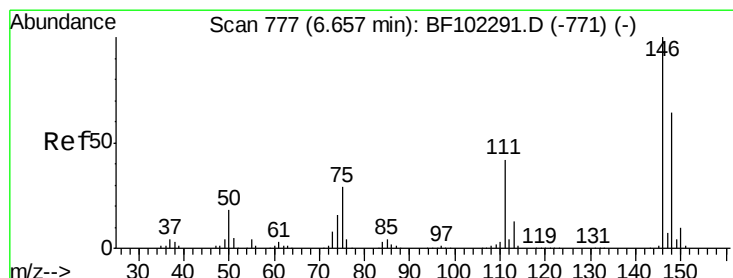
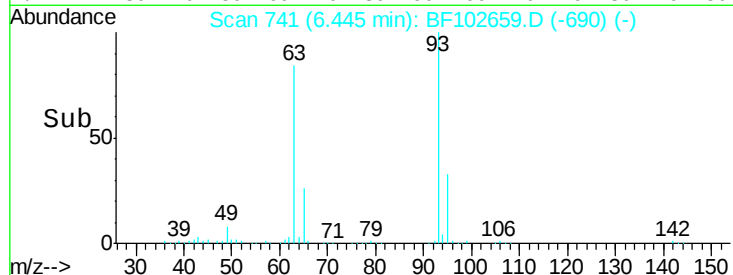
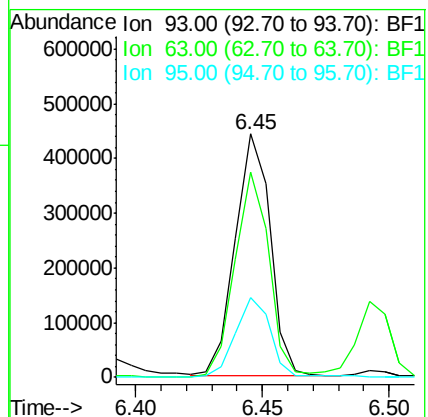
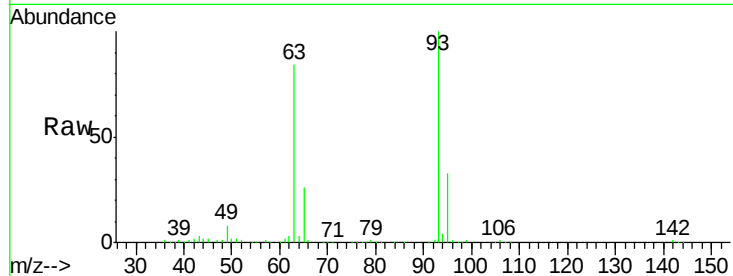
Tot Ion: 93 Resp: 425083

Ion Ratio Lower Upper

93 100

63 84.4 58.6 98.6

95 32.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.226 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

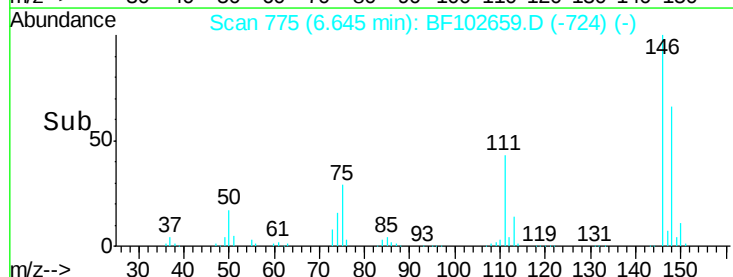
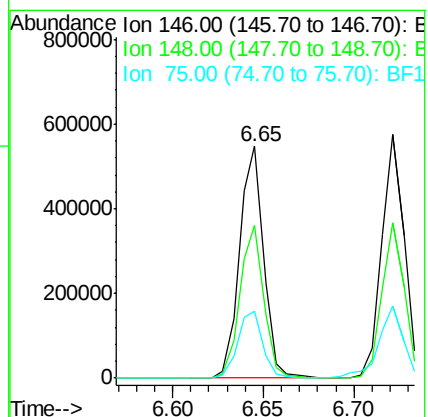
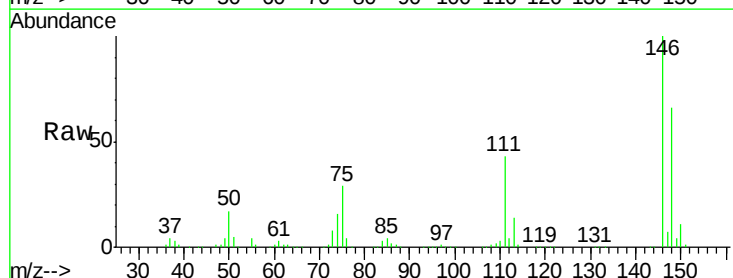
Tgt Ion: 146 Resp: 505831

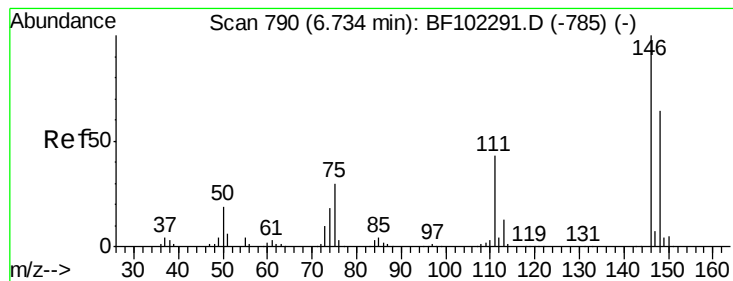
Ion Ratio Lower Upper

146 100

148 66.1 51.8 77.8

75 29.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.320 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

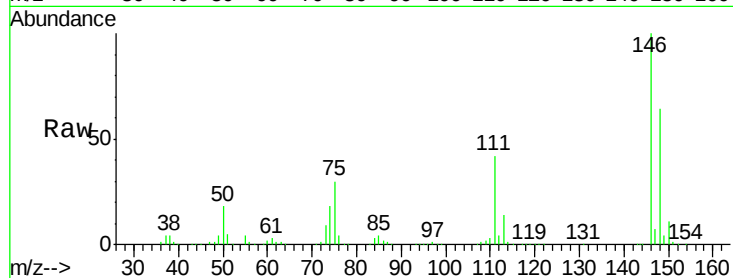
Tot Ion:146 Resp: 507896

Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

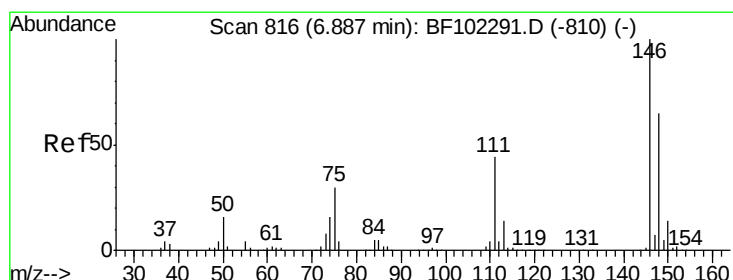
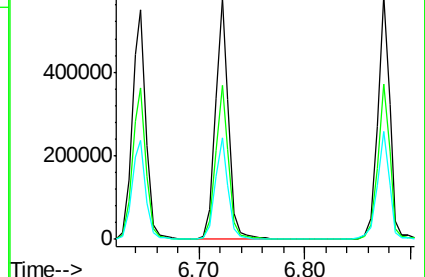
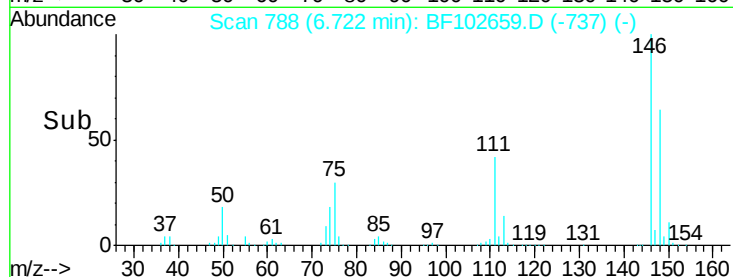
111 42.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.017 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

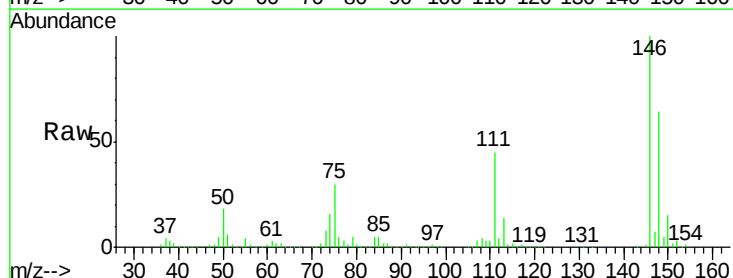
Tgt Ion:146 Resp: 461070

Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

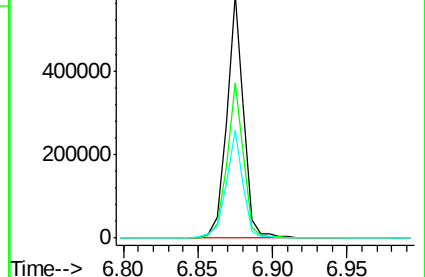
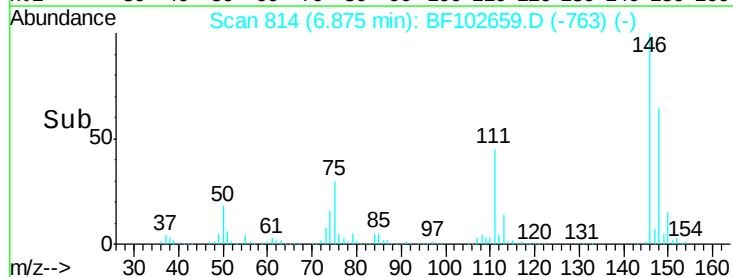
111 44.5 36.0 54.0

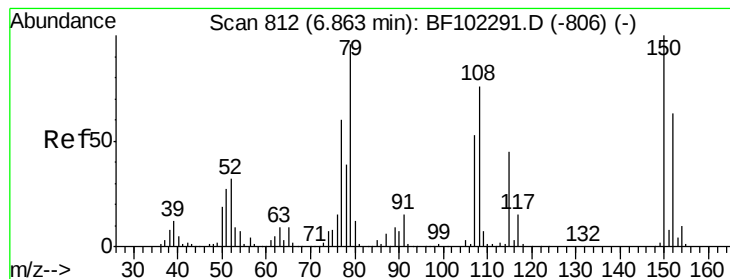


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.647 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

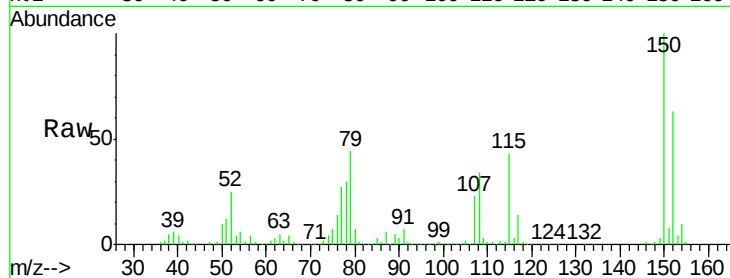
Tot Ion: 79 Resp: 331582

Ion Ratio Lower Upper

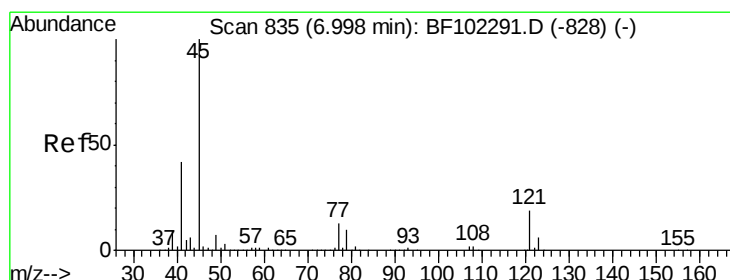
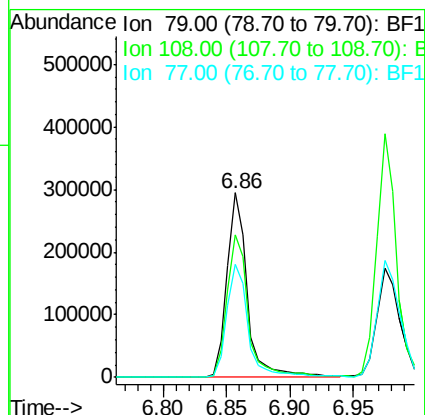
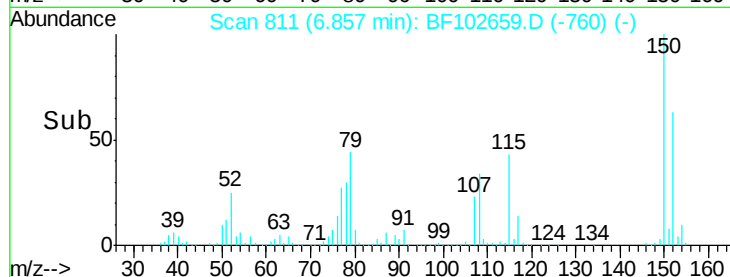
79 100

108 77.0 65.1 97.7

77 61.2 50.6 75.8



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: 39.281 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

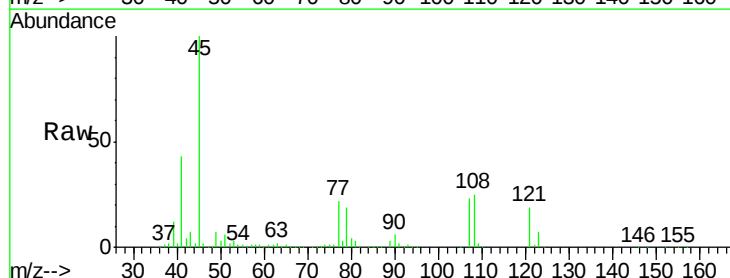
Tgt Ion: 45 Resp: 665208

Ion Ratio Lower Upper

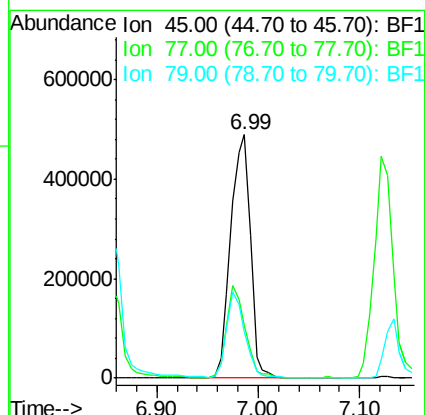
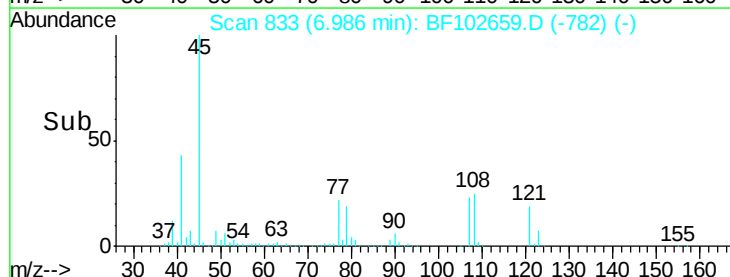
45 100

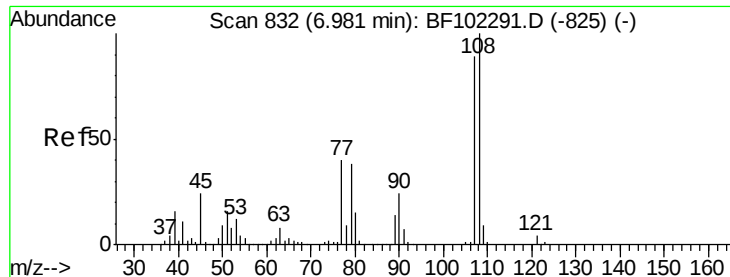
77 21.5 0.0 32.9

79 19.2 0.0 29.6



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

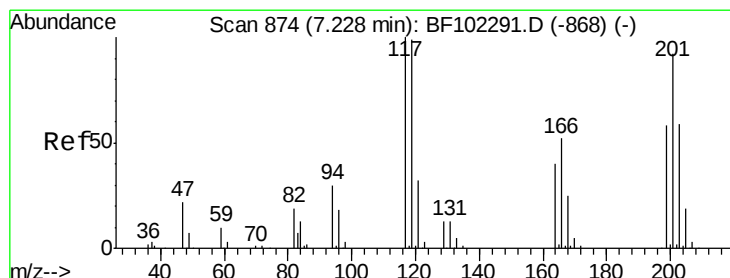
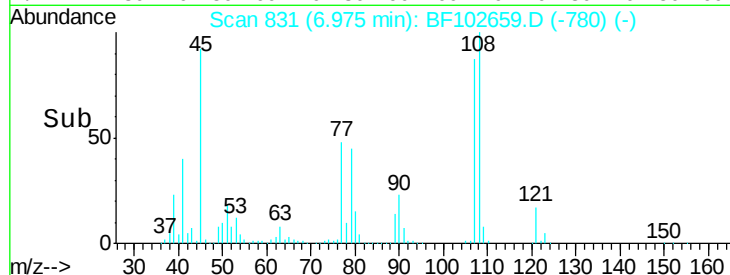
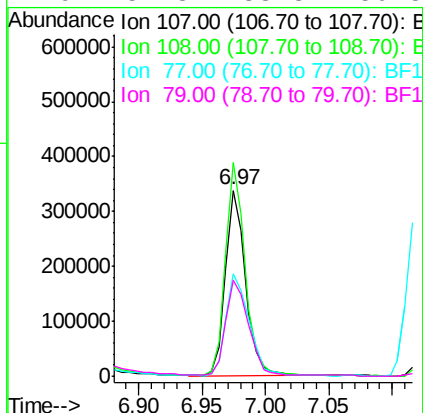
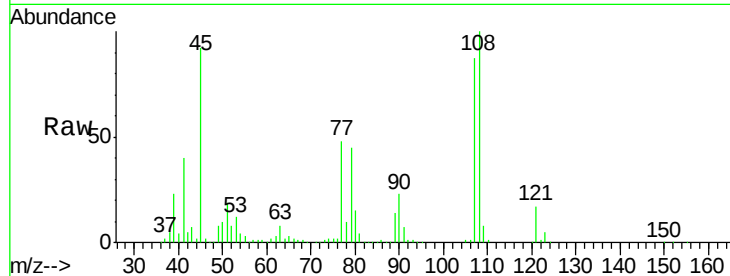




#17
2-Methylphenol
Concen: 40.340 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

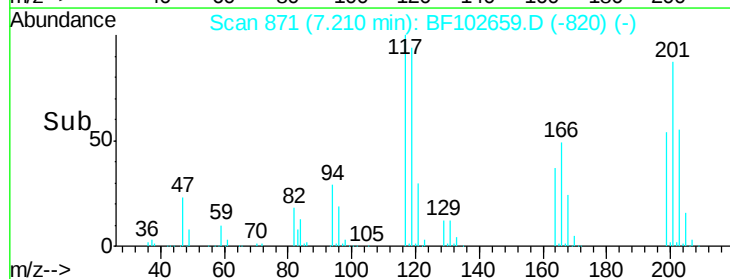
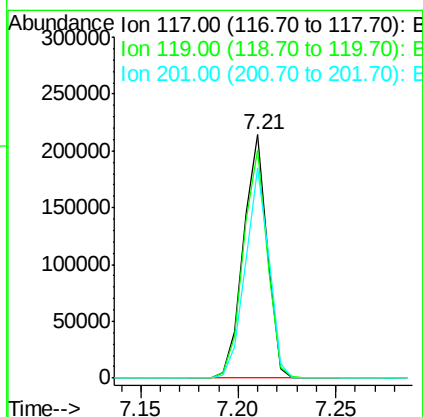
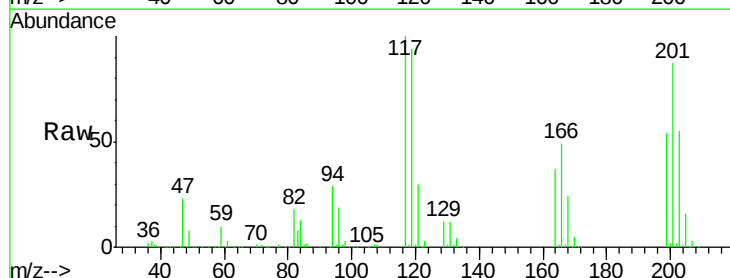
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

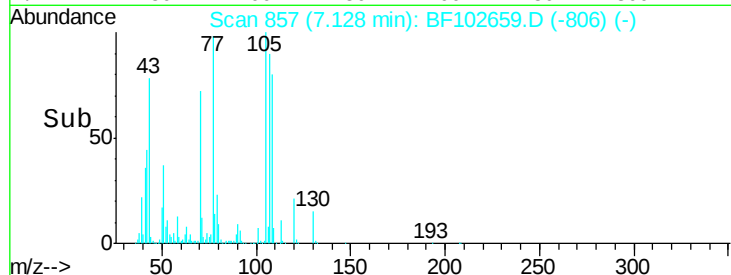
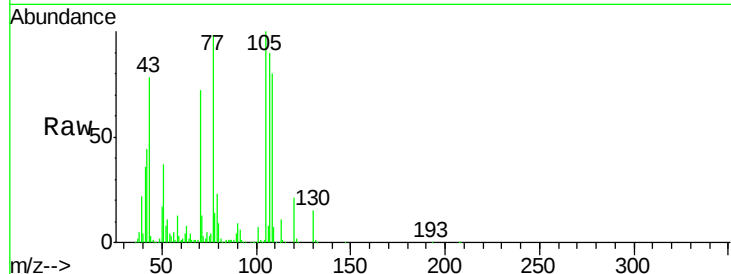
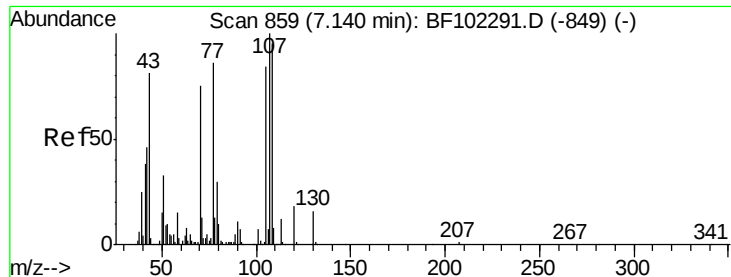
Tot Ion:107 Resp: 370437
Ion Ratio Lower Upper
107 100
108 114.7 91.7 137.5
77 55.2 33.8 50.8#
79 51.3 33.8 50.8#



#18
Hexachloroethane
Concen: 41.205 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Tgt Ion:117 Resp: 180867
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.8
201 86.5 75.7 113.5

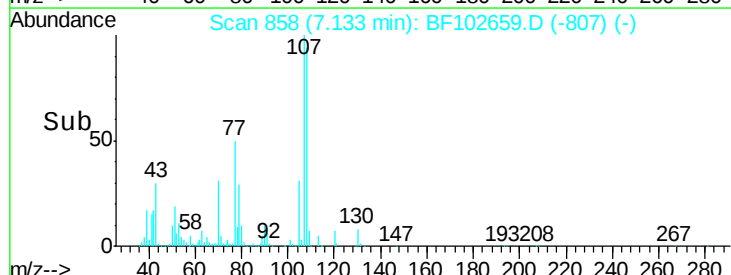
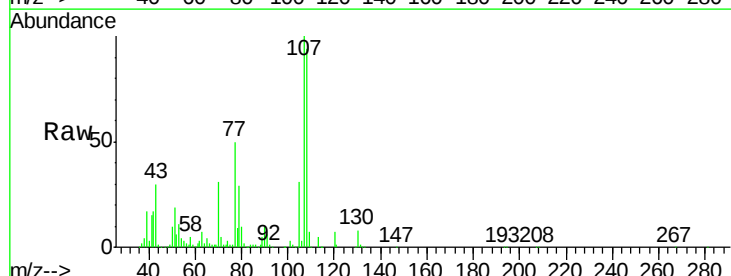
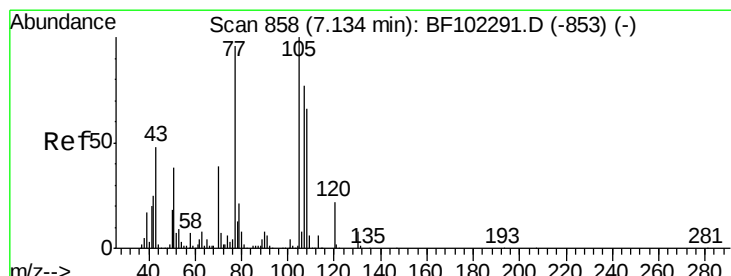
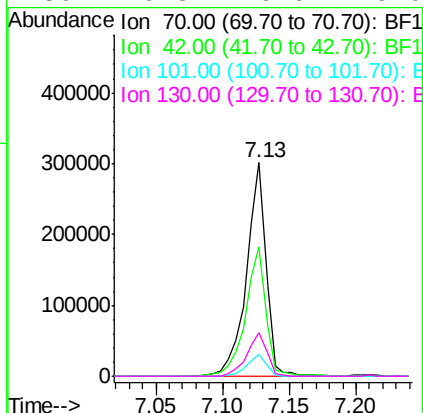




#19
n-Nitroso-di-n-propylamine
Concen: 40.778 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

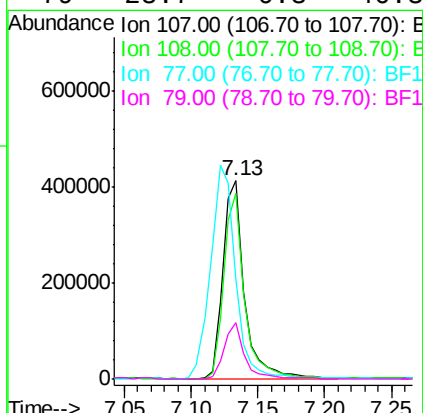
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

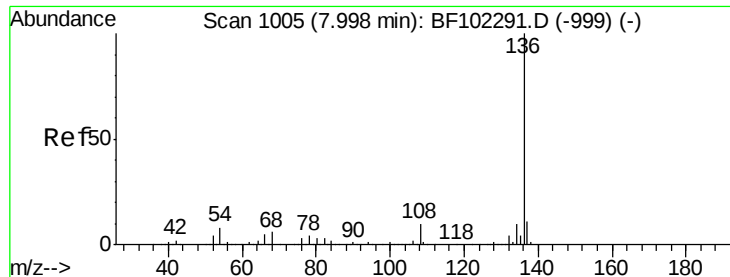
Tot Ion:	70	Resp:	303457
Ion	Ratio	Lower	Upper
70	100		
42	60.5	47.5	71.3
101	10.1	7.4	11.2
130	20.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.694 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Tgt Ion:	107	Resp:	471897
Ion	Ratio	Lower	Upper
107	100		
108	93.8	68.2	108.2
77	50.4	26.7	66.7
79	28.7	6.3	46.3

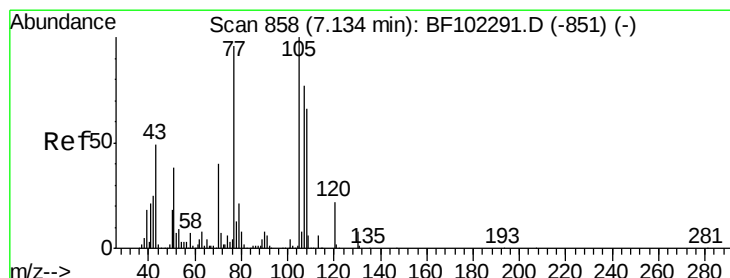
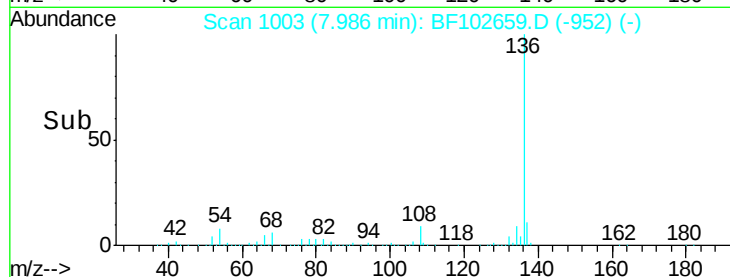
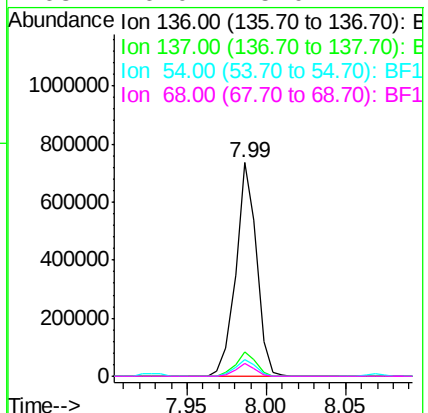
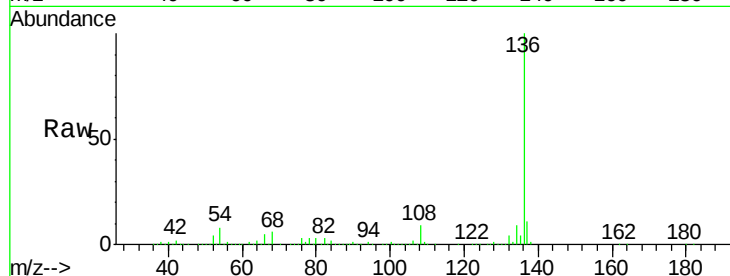




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

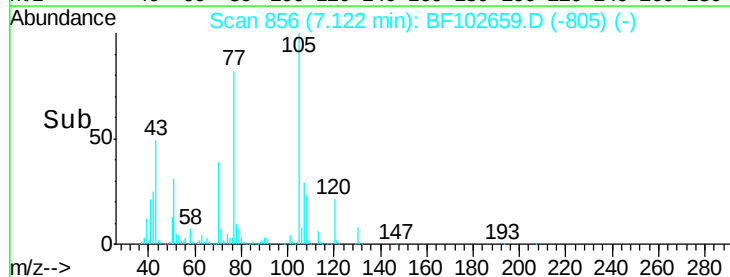
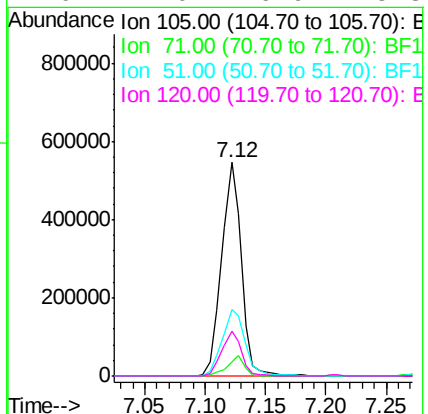
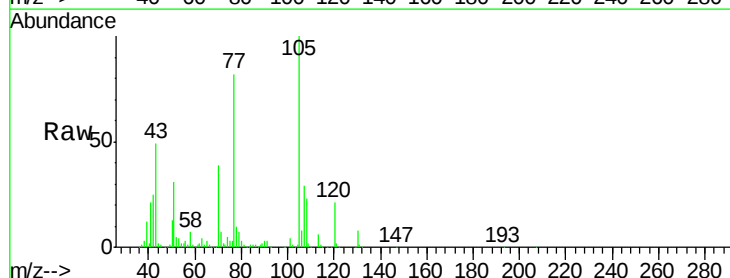
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

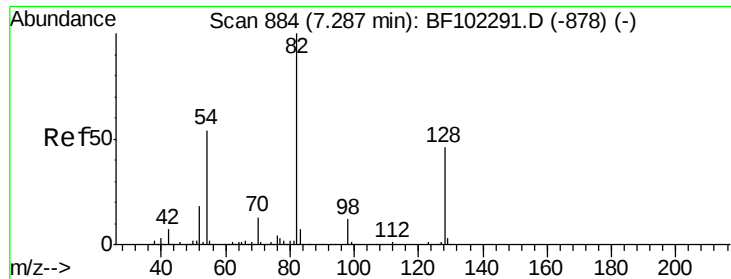
Tot Ion:136	Resp:	663568
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	8.1	6.6 9.8
68	6.0	5.0 7.4



#22
Acetophenone
Concen: 39.138 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Tgt Ion:105	Resp:	619106
Ion Ratio	Lower	Upper
105	100	
71	6.9	4.4 6.6#
51	31.2	22.3 33.5
120	21.0	16.9 25.3

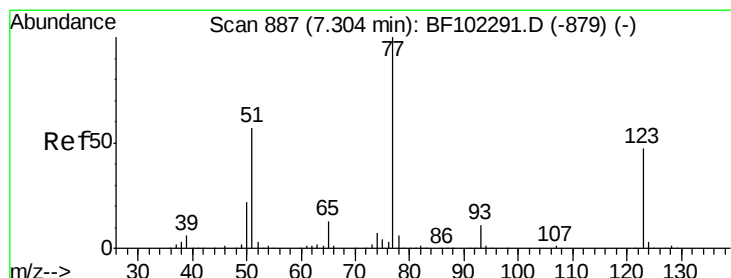
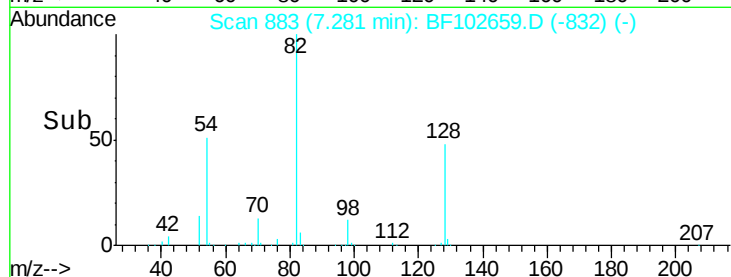
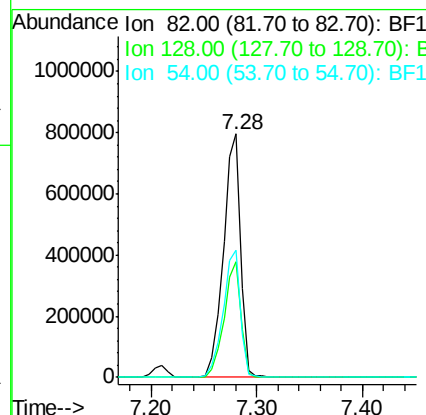
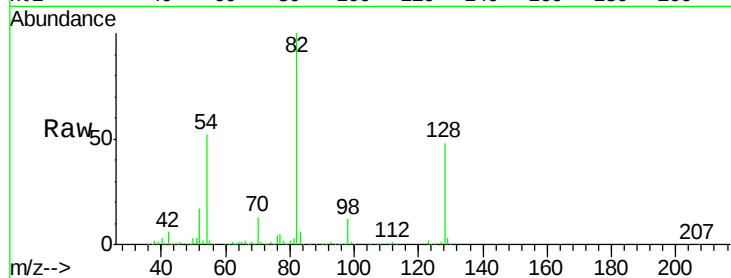




#23
Nitrobenzene-d5
Concen: 78.999 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

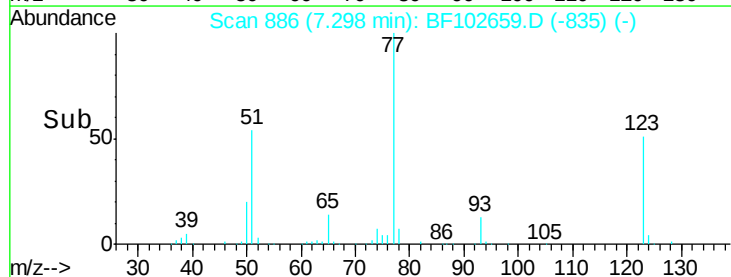
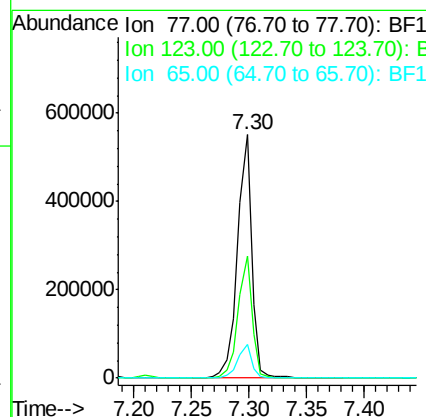
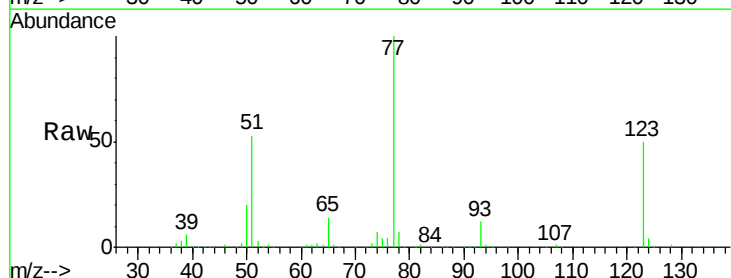
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

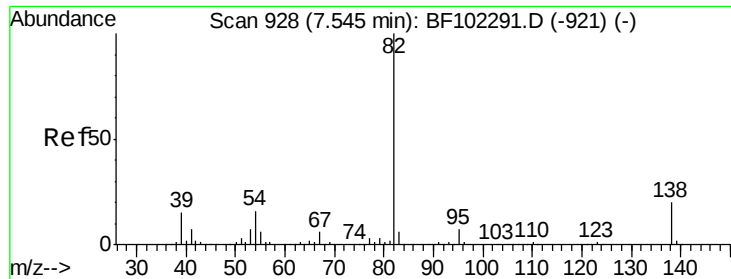
Tot Ion: 82 Resp: 912193
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 52.2 41.4 62.2



#24
Nitrobenzene
Concen: 40.144 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Tgt Ion: 77 Resp: 474371
Ion Ratio Lower Upper
77 100
123 50.2 37.9 56.9
65 13.6 11.0 16.4





#25

Isophorone

Concen: 39.584 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

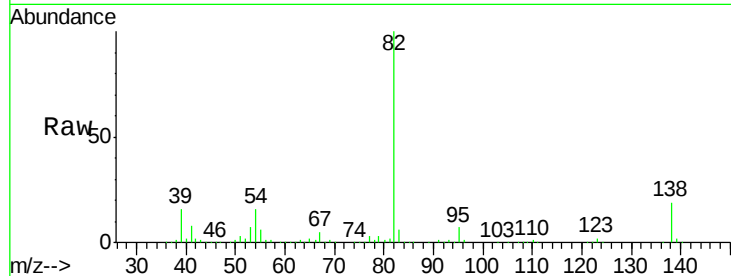
Tot Ion: 82 Resp: 814846

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

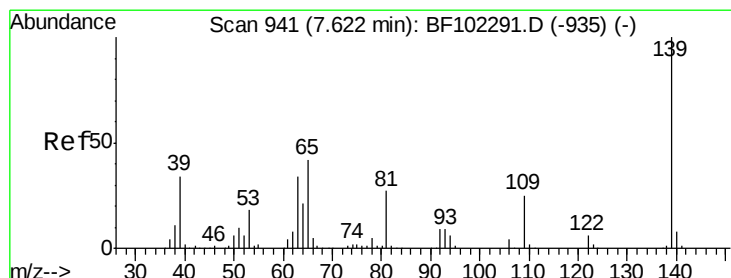
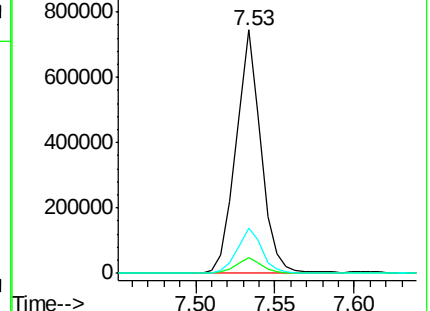
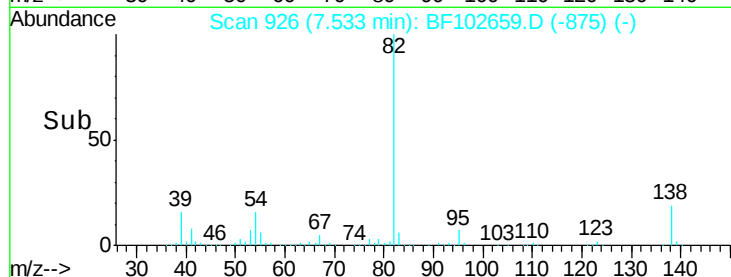
138 18.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.737 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

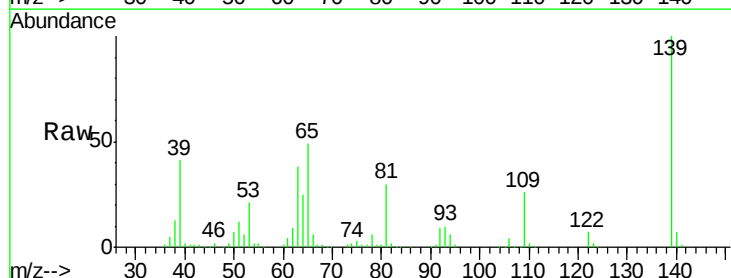
Tgt Ion: 139 Resp: 253359

Ion Ratio Lower Upper

139 100

109 25.5 22.7 34.1

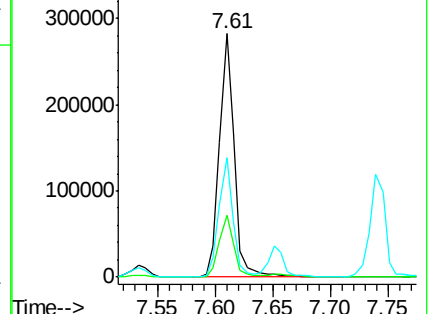
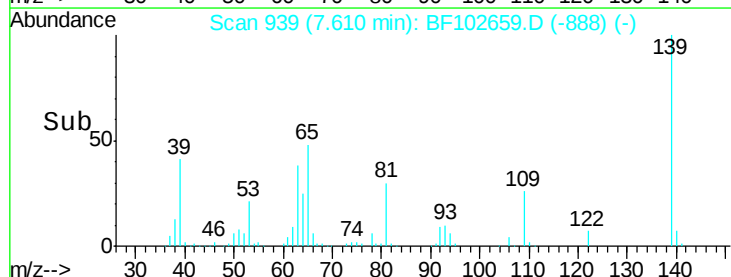
65 49.2 40.5 60.7

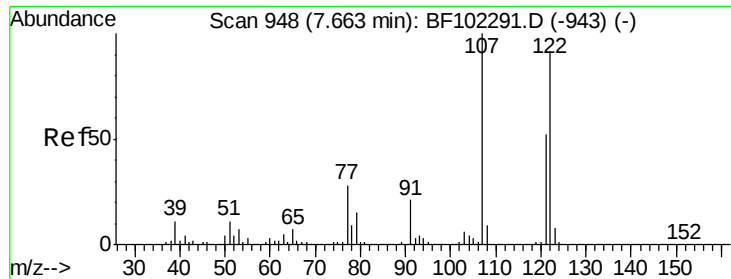


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

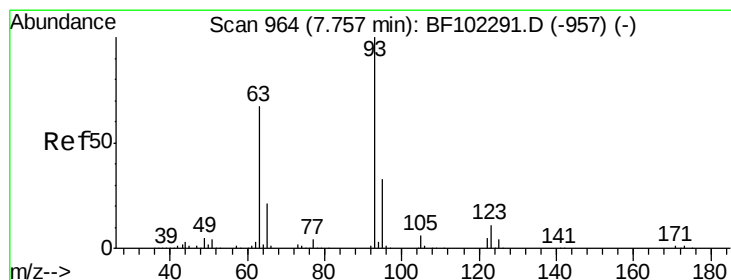
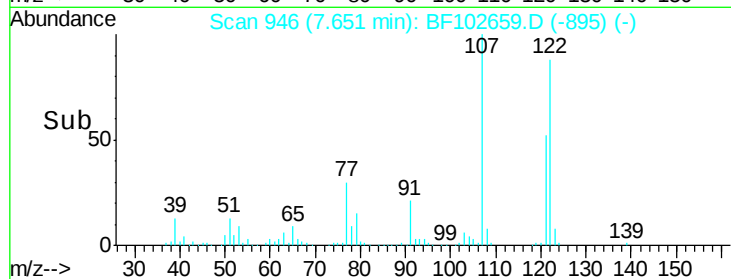
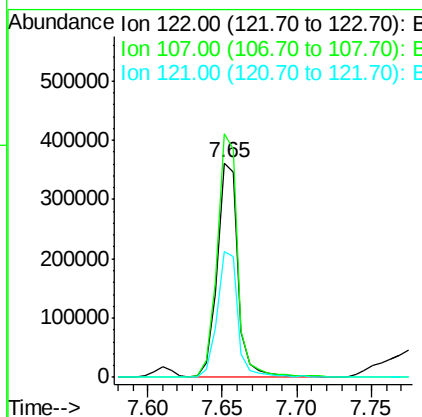
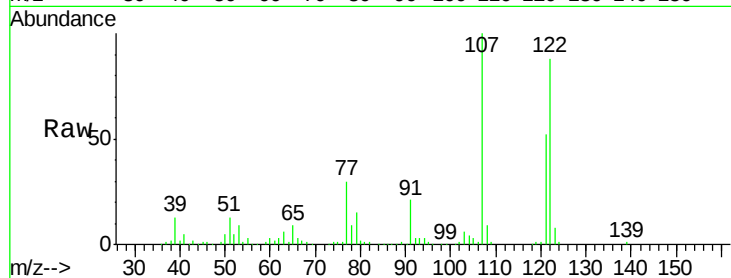




#27
 2,4-Dimethylphenol
 Concen: 39.382 ng
 RT: 7.65 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

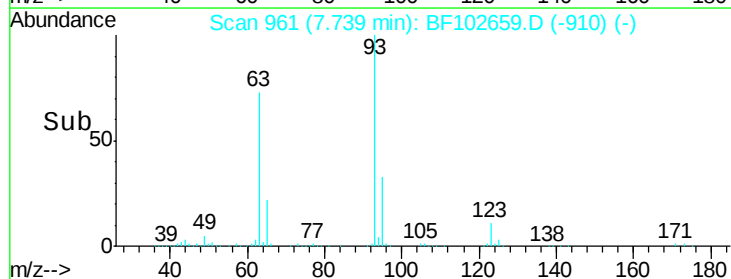
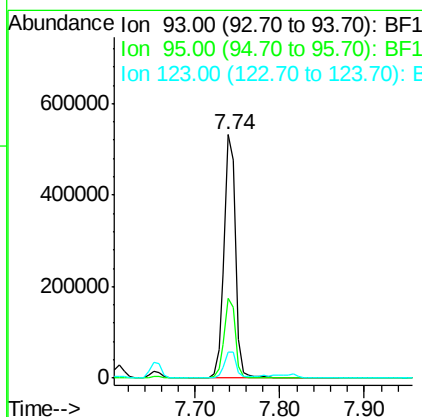
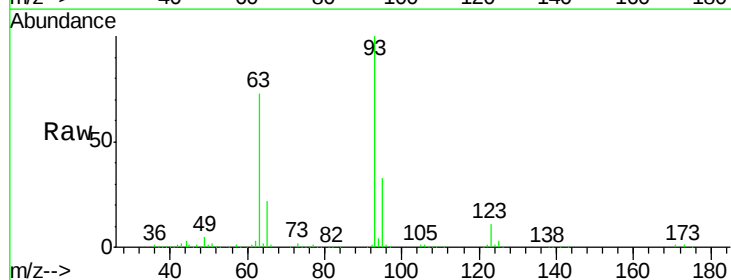
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

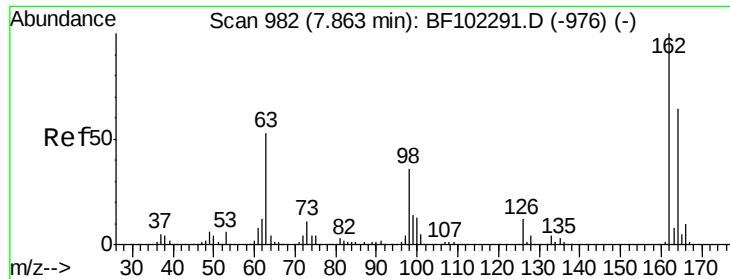
Tot Ion:122 Resp: 355649
 Ion Ratio Lower Upper
 122 100
 107 113.5 91.2 136.8
 121 58.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.024 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

Tgt Ion: 93 Resp: 508952
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 10.8 9.8 14.6

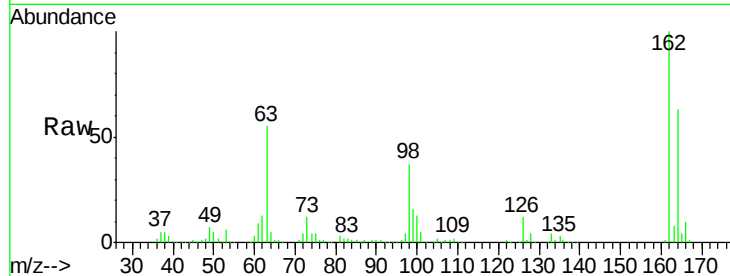




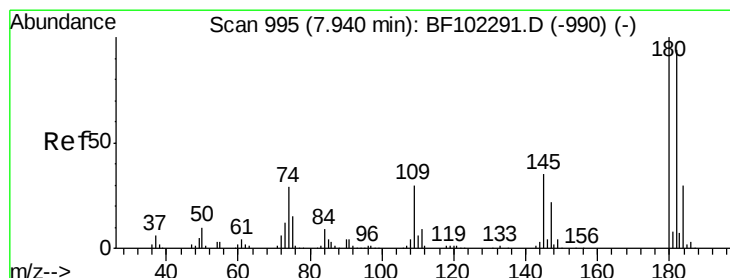
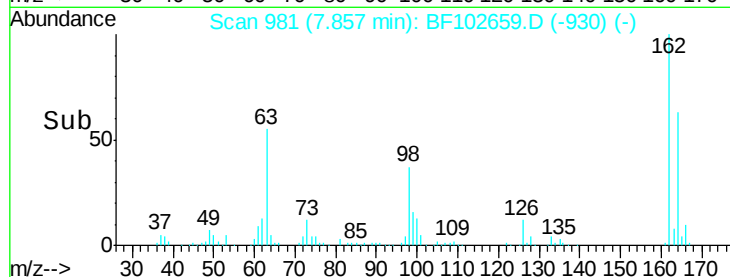
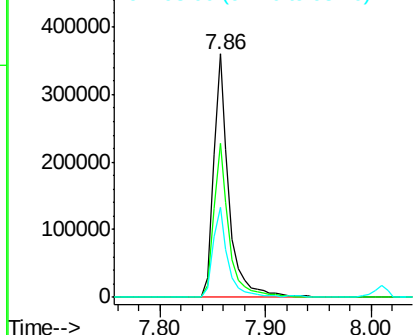
#29
2,4-Dichlorophenol
Concen: 39.847 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	36.9	18.1	58.1

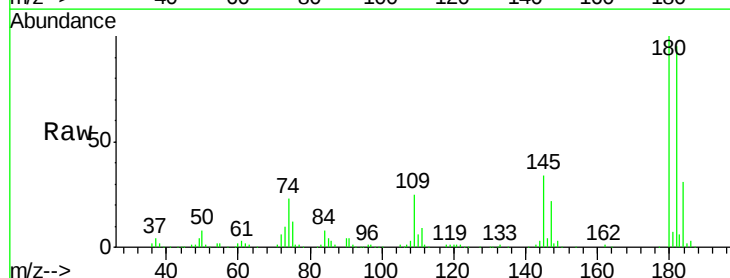


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

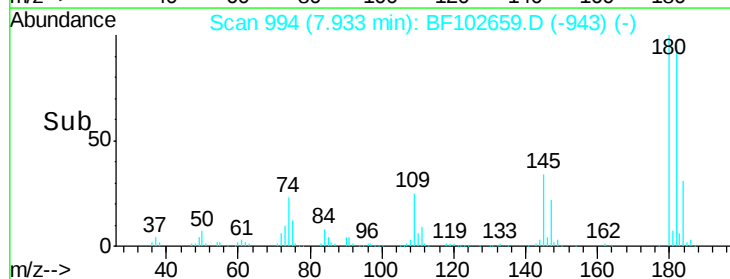
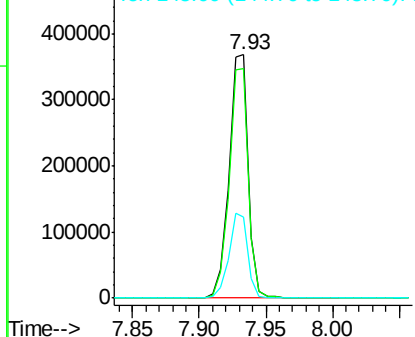


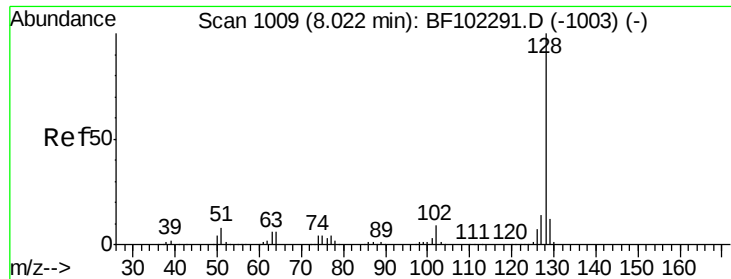
#30
1,2,4-Trichlorobenzene
Concen: 37.849 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.8	115.2
145	33.5	26.5	39.7



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

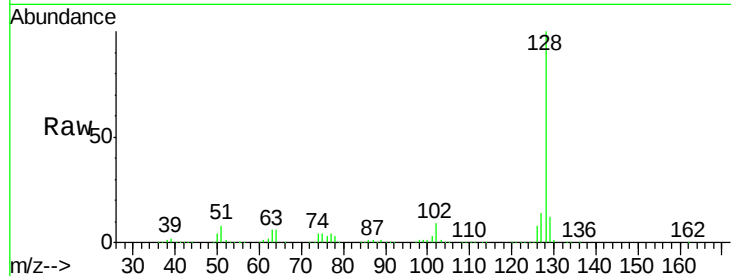




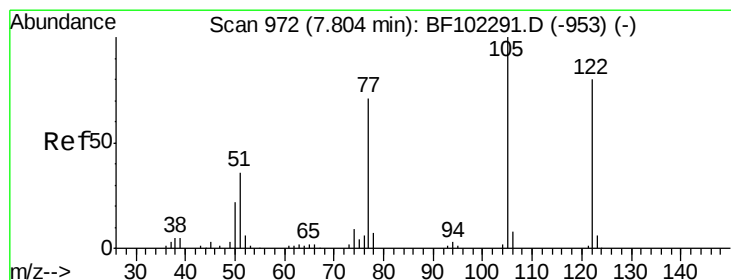
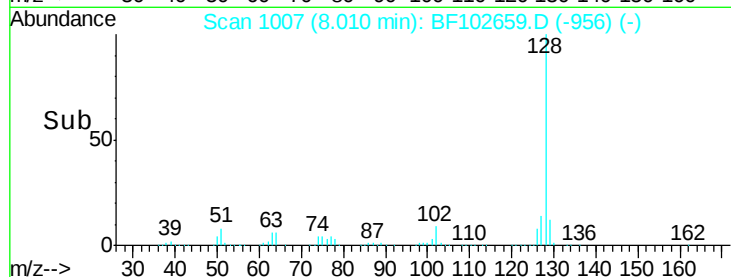
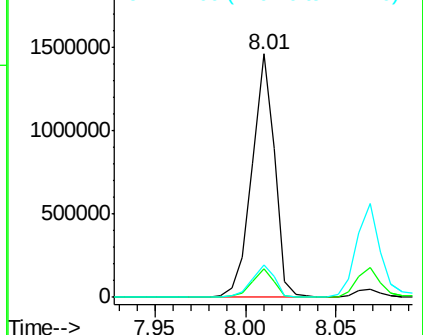
#31
Naphthalene
Concen: 38.314 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1269391
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.5 10.9 16.3

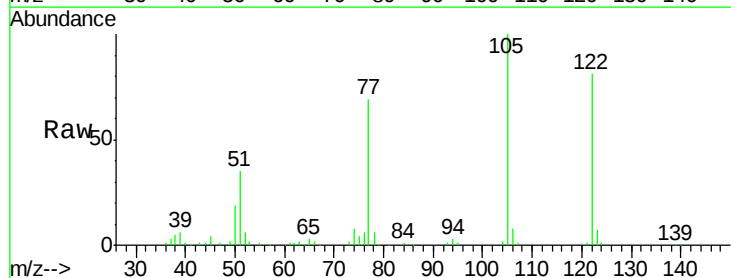


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

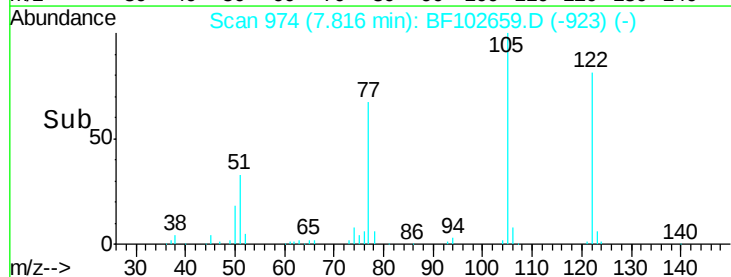
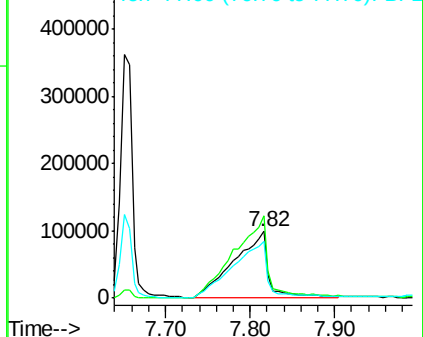


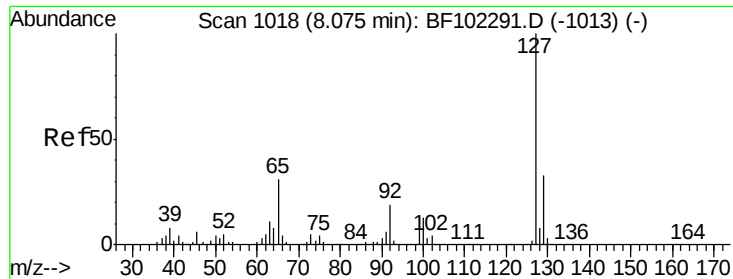
#32
Benzoic acid
Concen: 36.181 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Tgt Ion:122 Resp: 273750
Ion Ratio Lower Upper
122 100
105 124.0 101.1 141.1
77 85.3 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

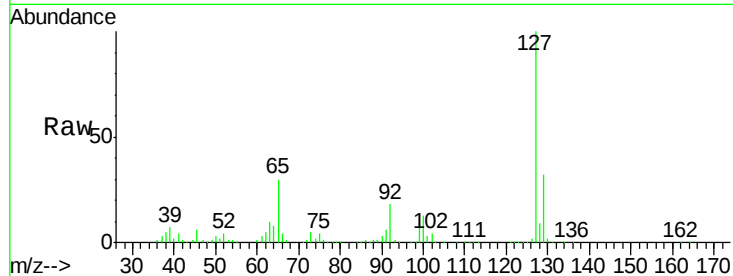




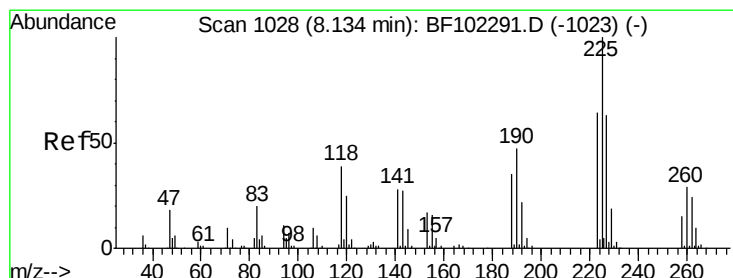
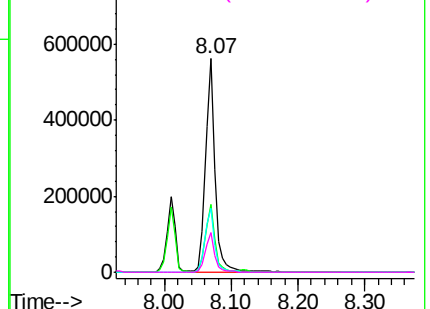
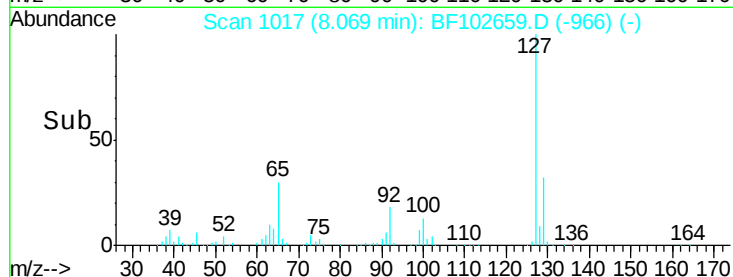
#33
4-Chloroaniline
Concen: 39.064 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	544243
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	29.9	25.0	37.4
92	18.5	15.2	22.8

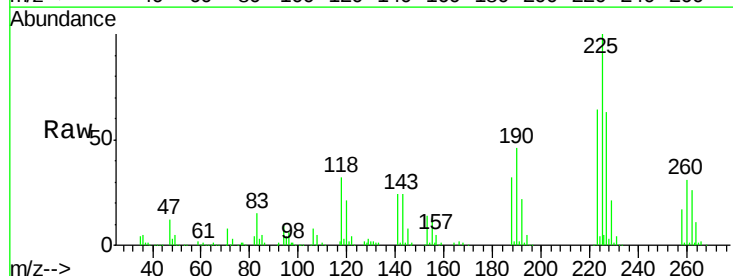


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

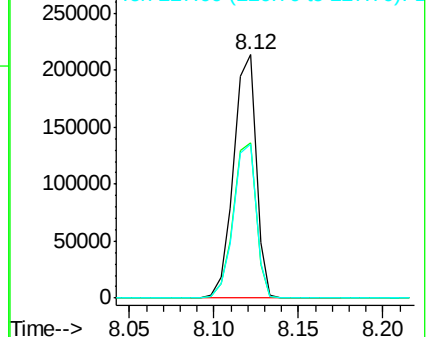
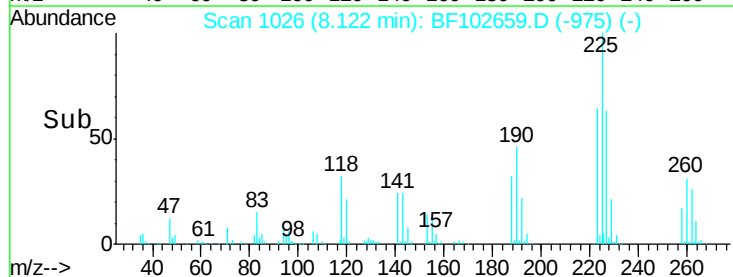


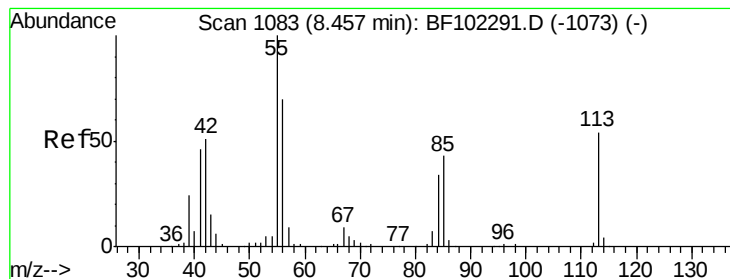
#34
Hexachlorobutadiene
Concen: 37.660 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Tgt Ion:	225	Resp:	198343
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	63.2	51.9	77.9



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: 38.923 ng

RT: 8.45 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

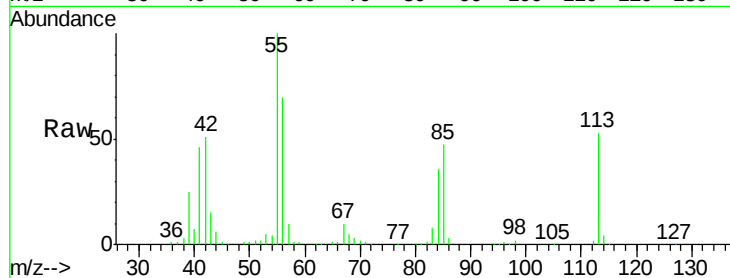
Tot Ion:113 Resp: 118250

Ion Ratio Lower Upper

113 100

55 188.2 163.3 203.3

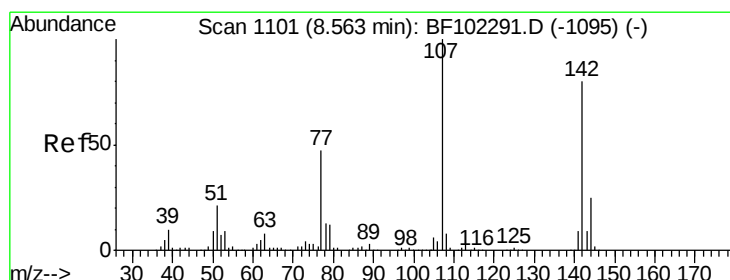
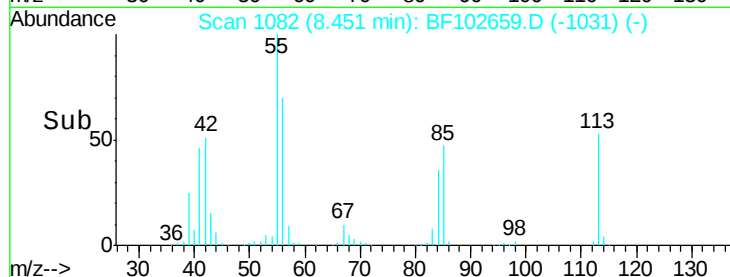
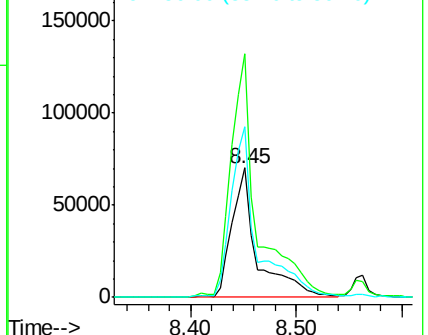
56 132.3 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.992 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

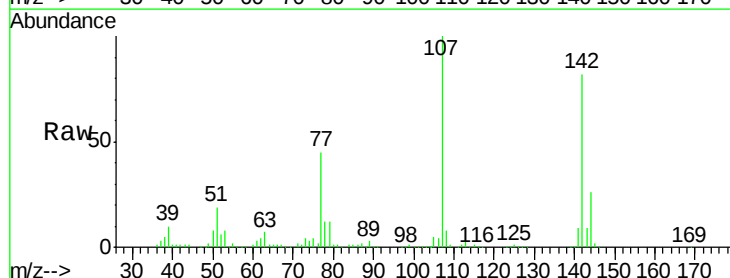
Tgt Ion:107 Resp: 387777

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

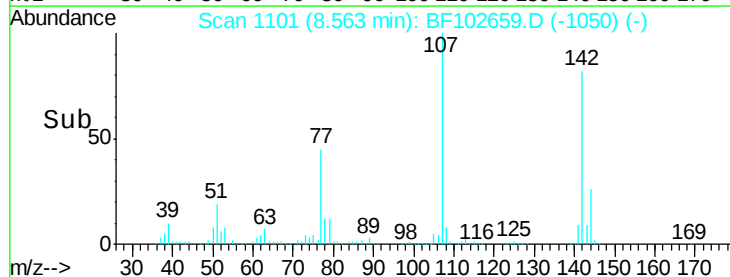
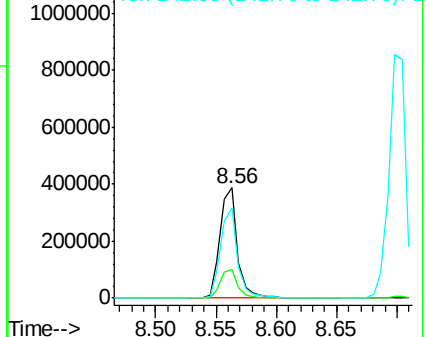
142 81.9 62.0 93.0

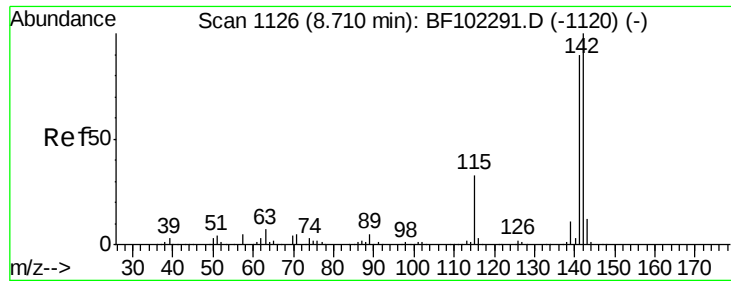


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

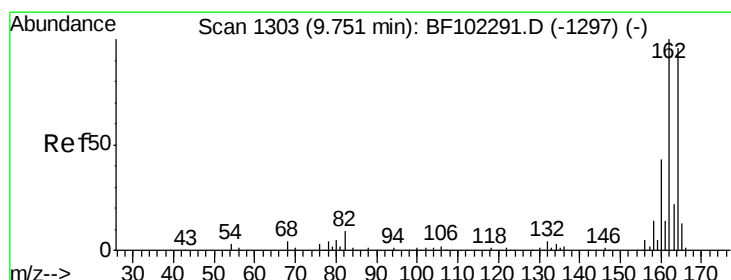
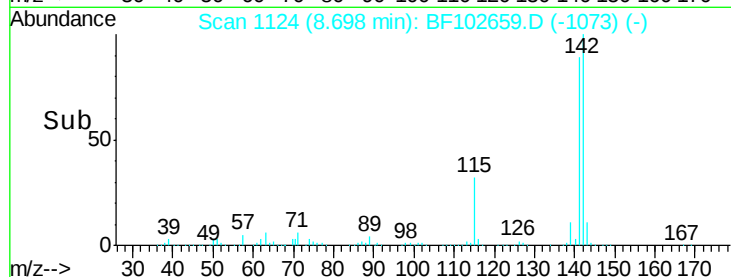
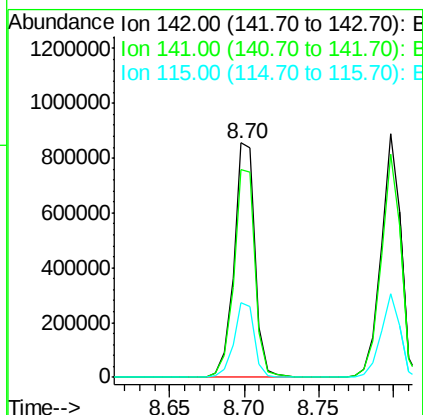
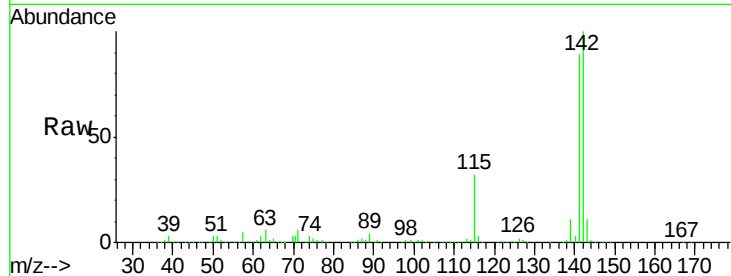




#37
 2-Methylnaphthalene
 Concen: 38.253 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

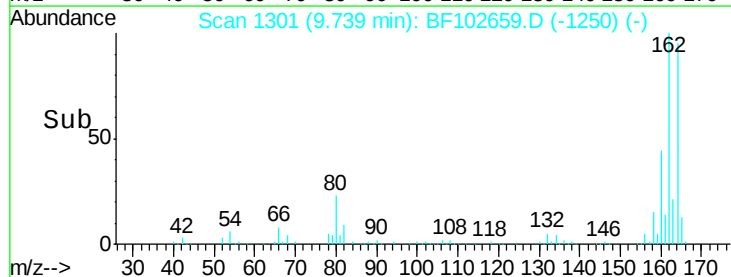
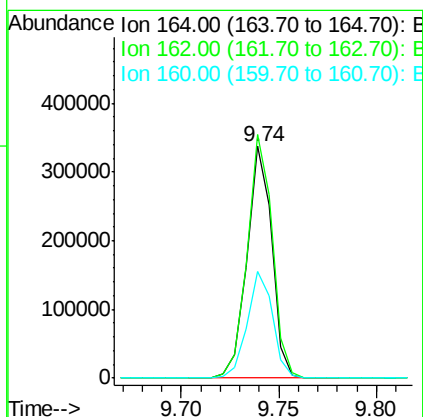
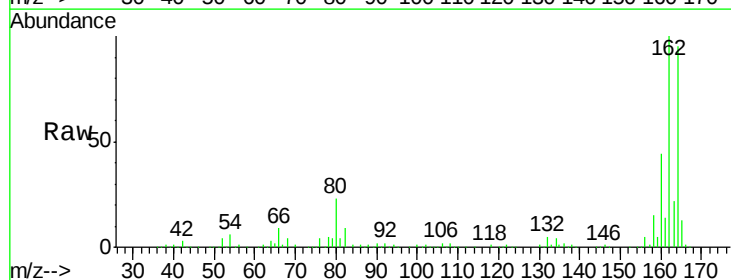
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

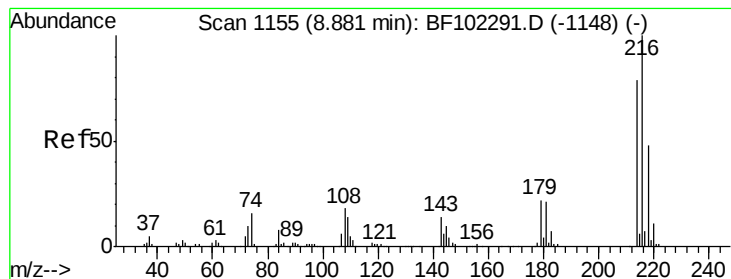
Tot Ion:142 Resp: 844031
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.8 106.2
 115 31.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

Tgt Ion:164 Resp: 297400
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 45.7 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.758 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 346788

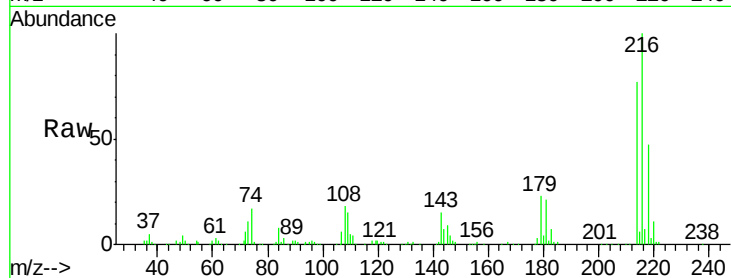
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 22.7 18.1 27.1

108 21.4 17.2 25.8

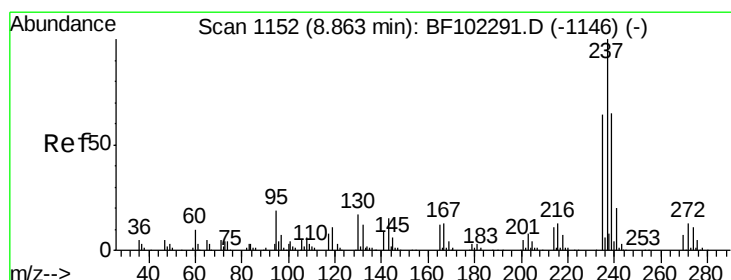
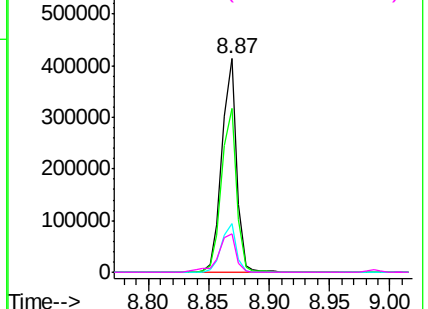
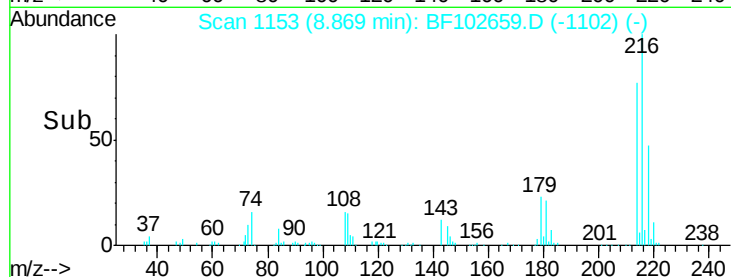


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.723 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

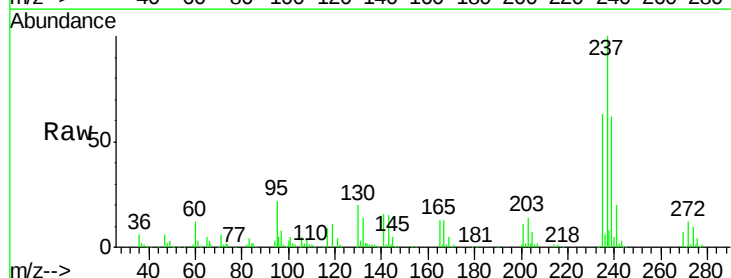
Tgt Ion:237 Resp: 151051

Ion Ratio Lower Upper

237 100

235 63.1 44.8 84.8

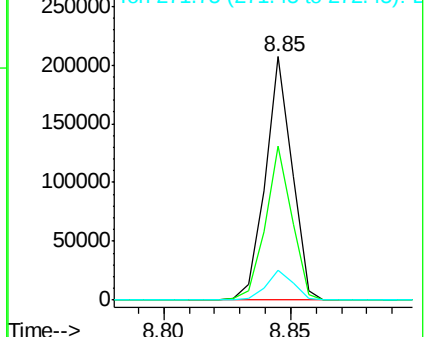
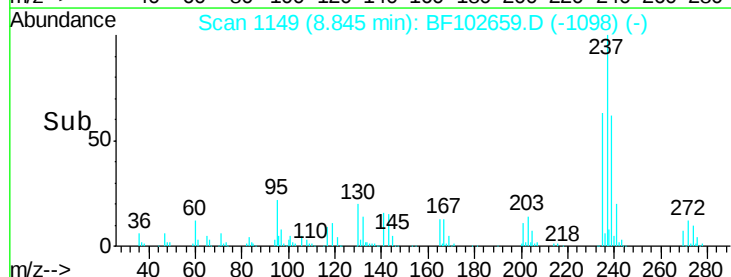
272 12.2 0.0 33.3

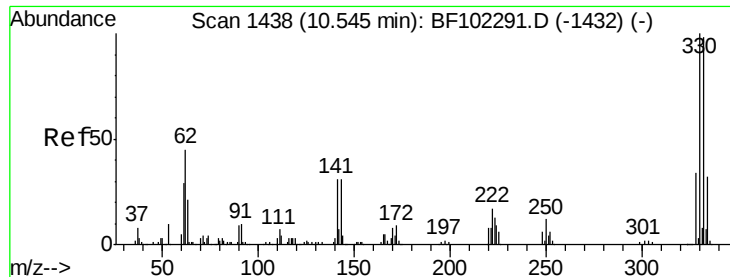


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 67.813 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

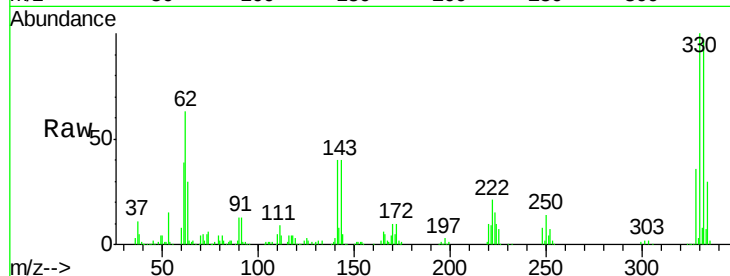
Tot Ion:330 Resp: 199832

Ion Ratio Lower Upper

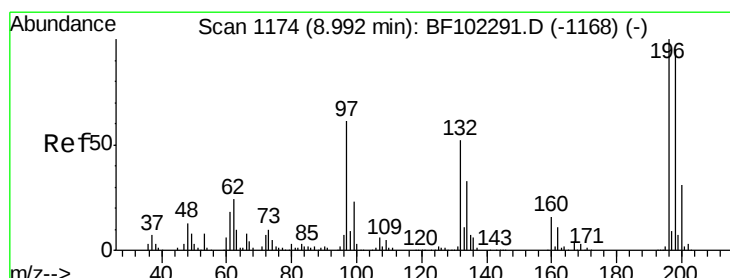
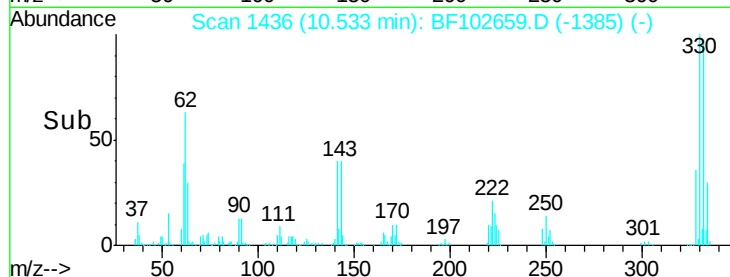
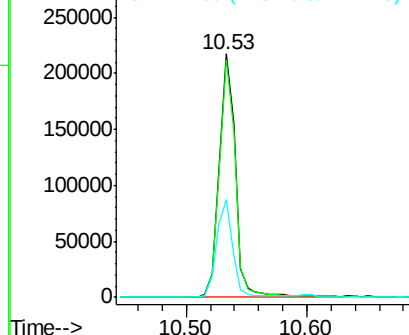
330 100

332 96.1 77.0 115.6

141 40.0 29.9 44.9



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: 36.783 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

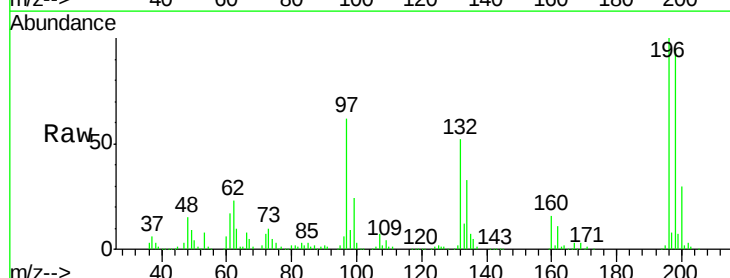
Tgt Ion:196 Resp: 220320

Ion Ratio Lower Upper

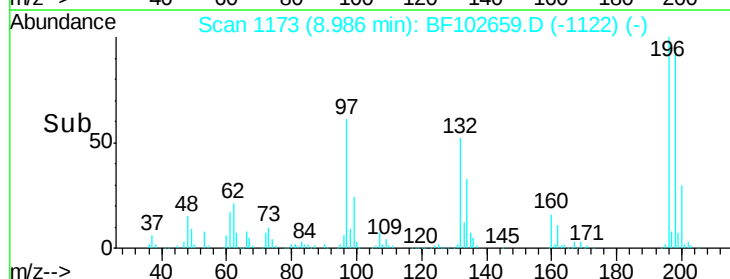
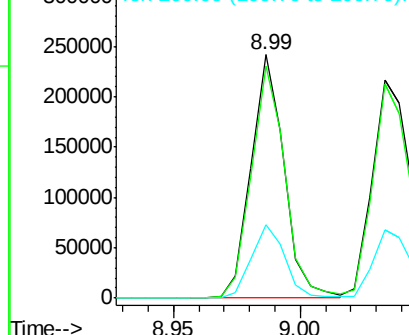
196 100

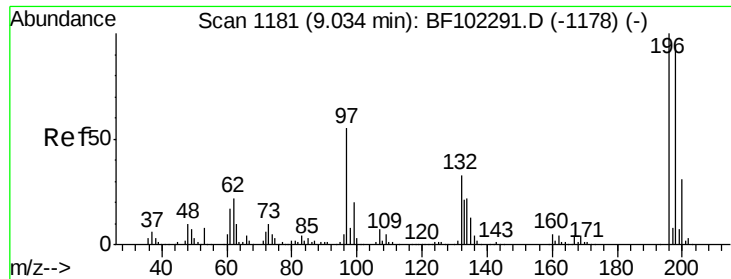
198 95.4 75.7 113.5

200 29.9 24.5 36.7



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

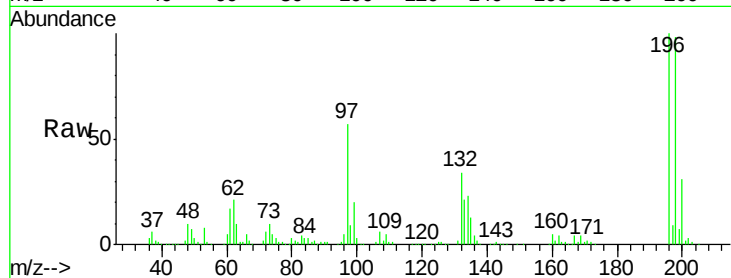




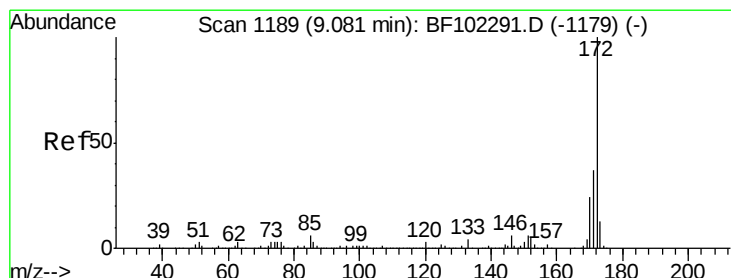
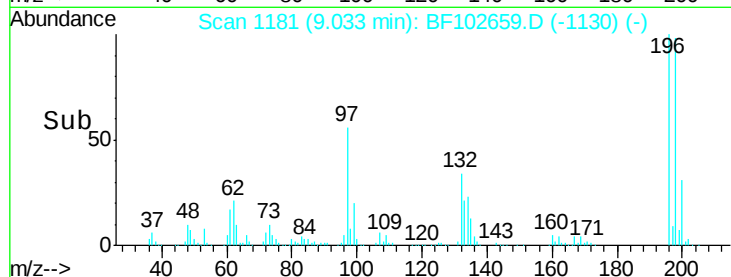
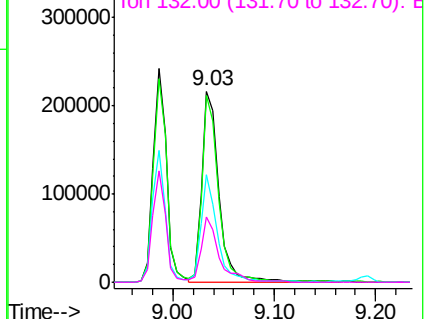
#43
 2,4,5-Trichlorophenol
 Concen: 37.610 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 253643
 Ion Ratio Lower Upper
 196 100
 198 98.1 74.6 112.0
 97 56.6 42.9 64.3
 132 34.2 26.3 39.5

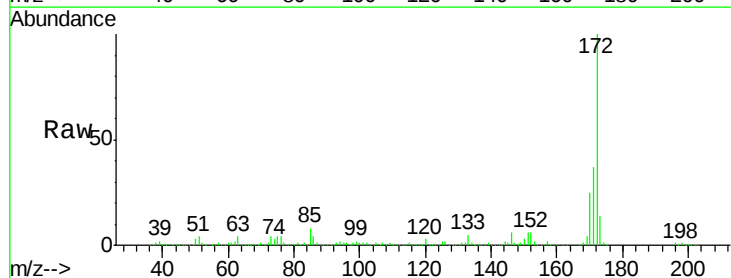


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

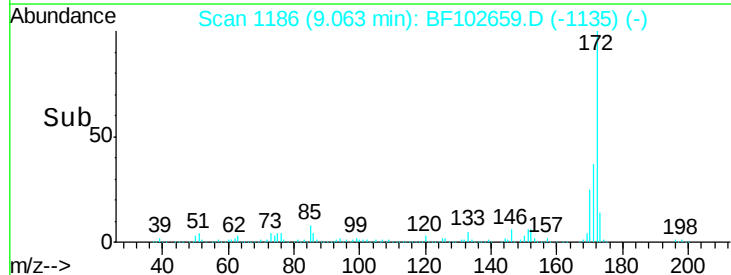
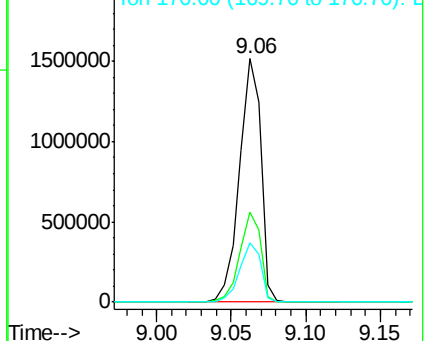


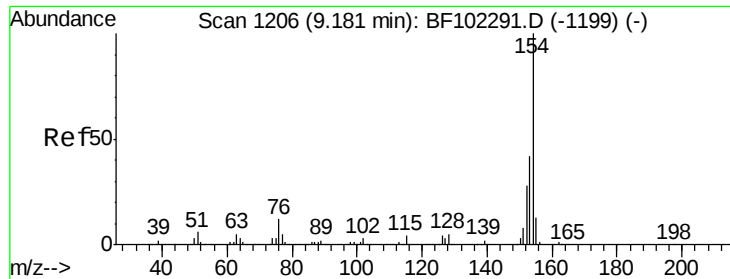
#44
 2-Fluorobiphenyl
 Concen: 75.406 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

Tgt Ion:172 Resp: 1525194
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.6 19.6 29.4



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

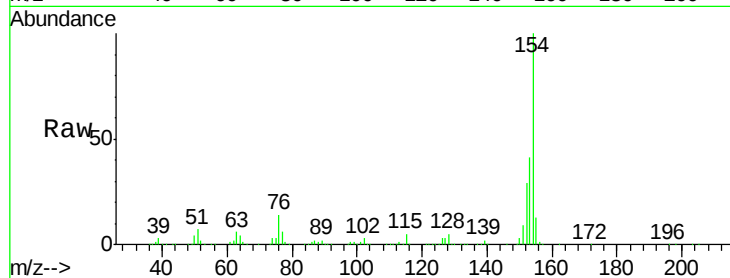




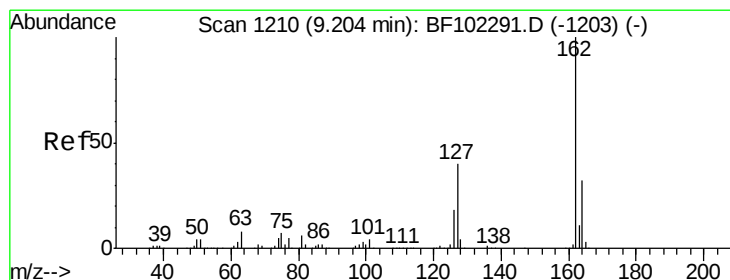
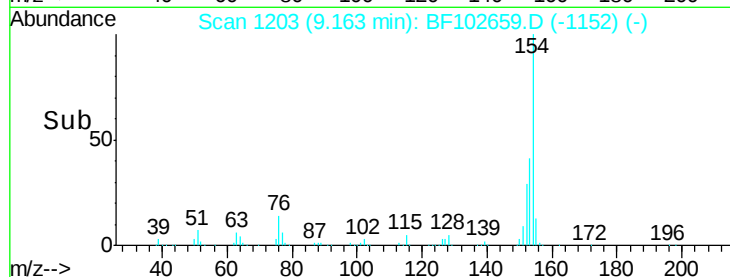
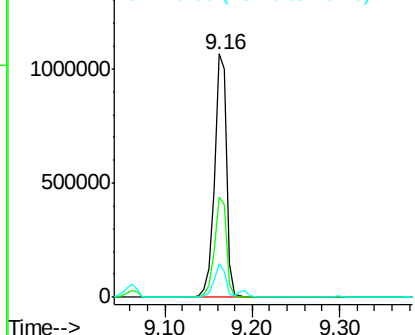
#45
 1,1'-Biphenyl
 Concen: 38.183 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1015390
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 13.9 0.0 34.0

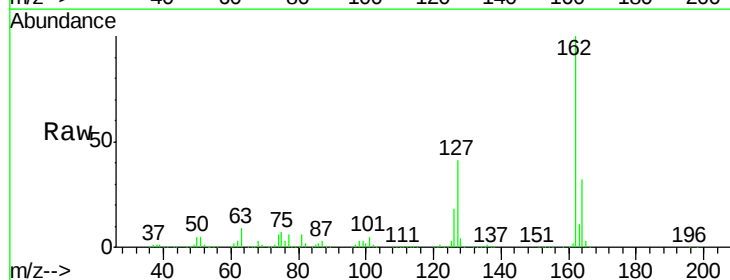


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

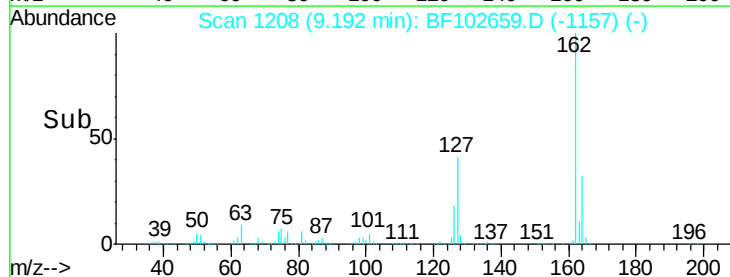
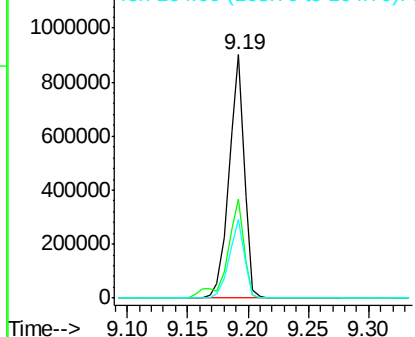


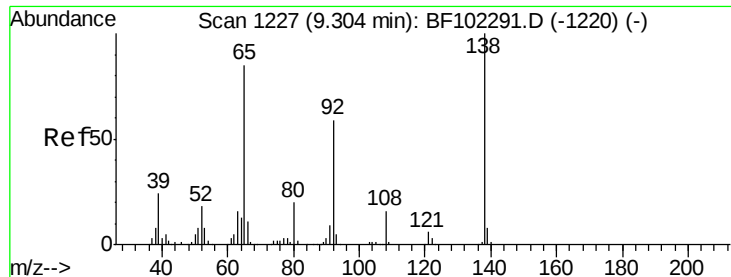
#46
 2-Chloronaphthalene
 Concen: 38.245 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

Tgt Ion:162 Resp: 790528
 Ion Ratio Lower Upper
 162 100
 127 40.5 33.9 50.9
 164 32.4 26.5 39.7



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: 40.889 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

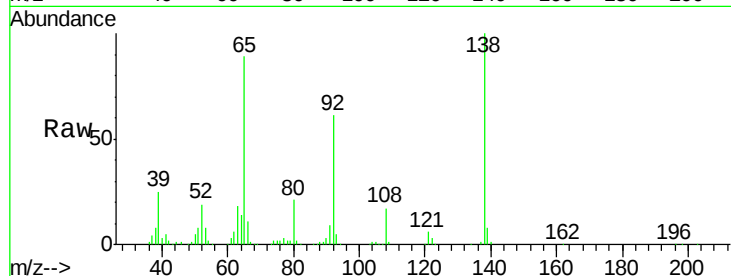
Tot Ion: 65 Resp: 263498

Ion Ratio Lower Upper

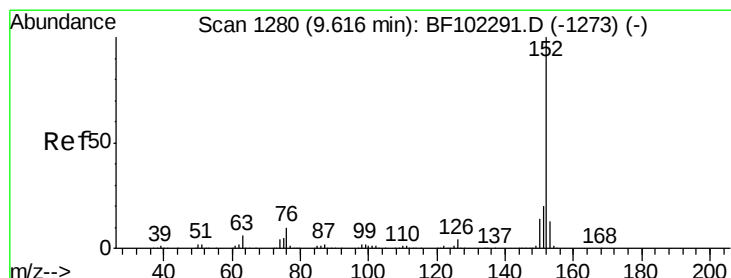
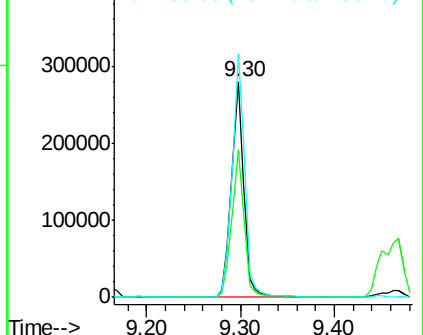
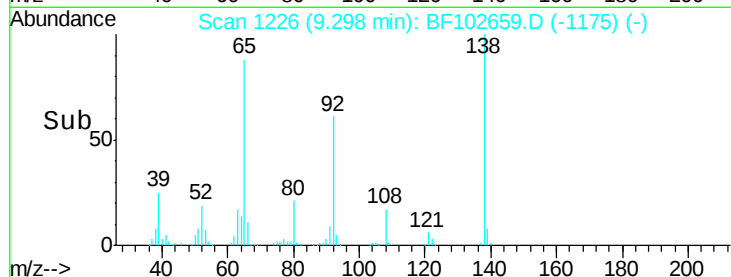
65 100

92 68.5 55.8 83.6

138 112.8 91.2 136.8



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: 37.110 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

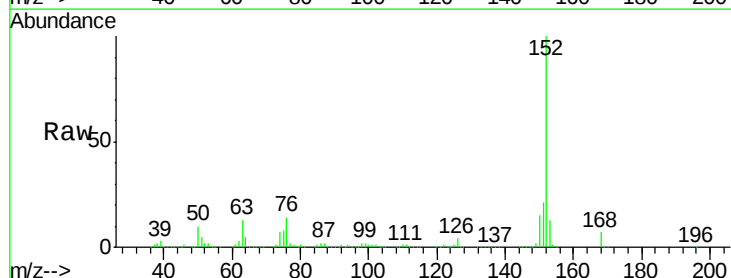
Tgt Ion: 152 Resp: 1195018

Ion Ratio Lower Upper

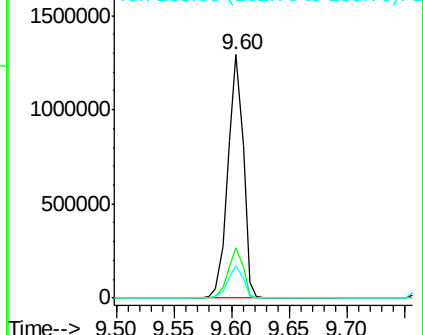
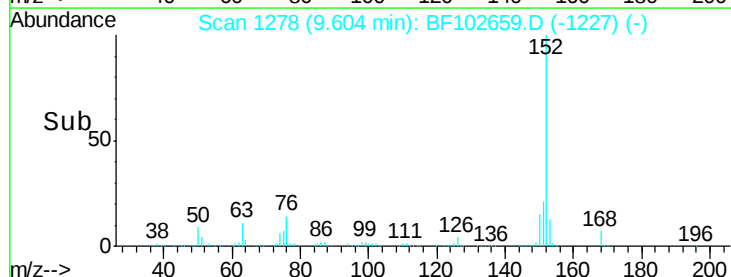
152 100

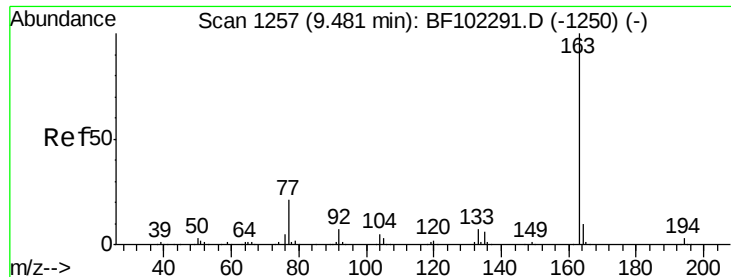
151 20.7 16.3 24.5

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

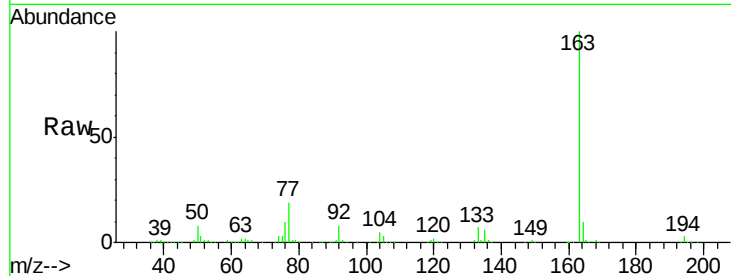




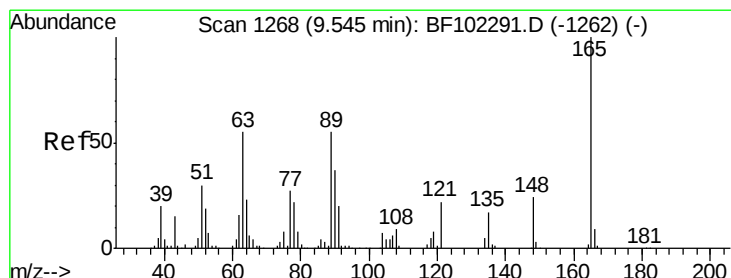
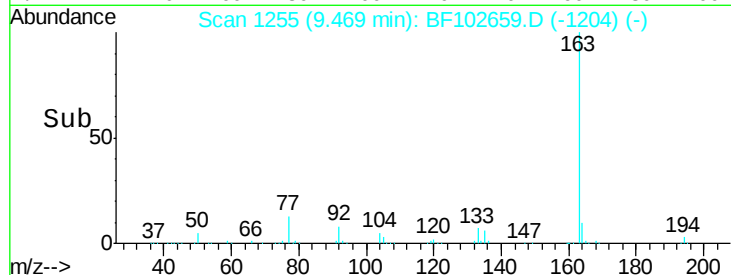
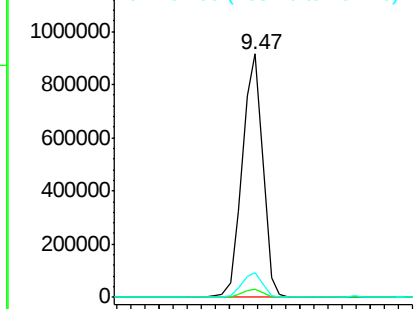
#49
Dimethylphthalate
Concen: 37.696 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 926638
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.0 8.2 12.2

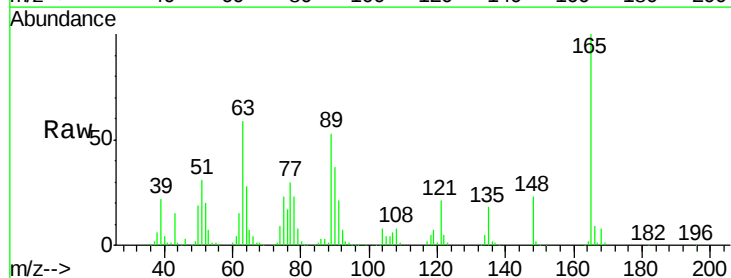


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

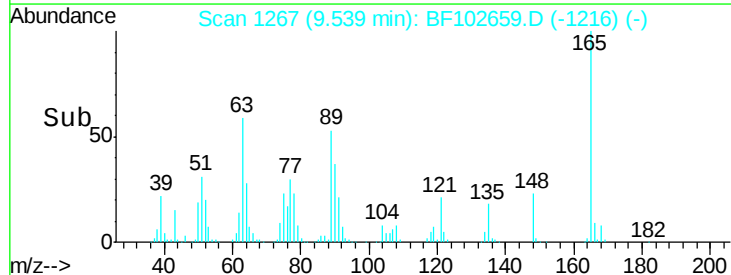
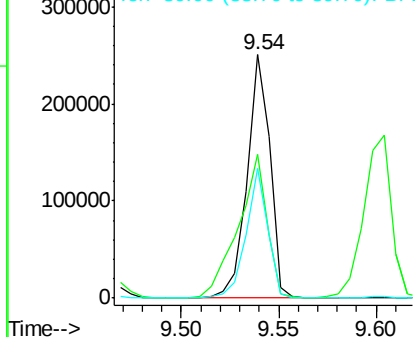


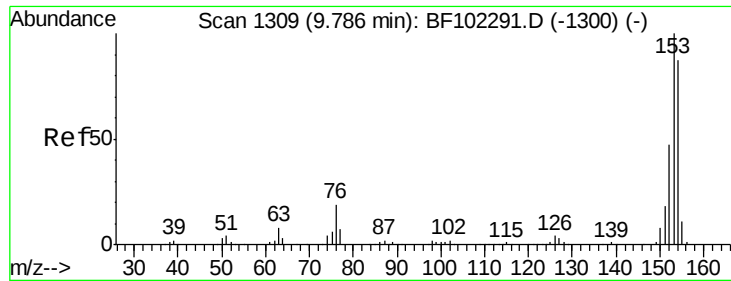
#50
2,6-Dinitrotoluene
Concen: 38.403 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Tgt Ion:165 Resp: 203531
Ion Ratio Lower Upper
165 100
63 58.9 44.7 67.1
89 53.2 44.0 66.0



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

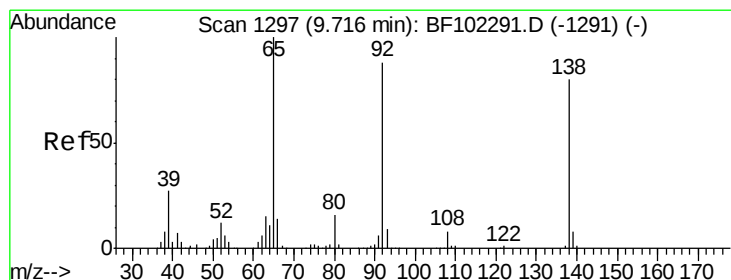
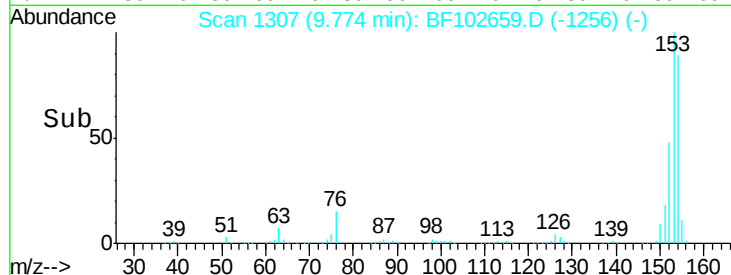
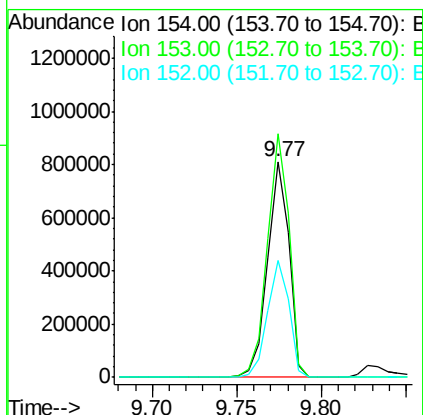
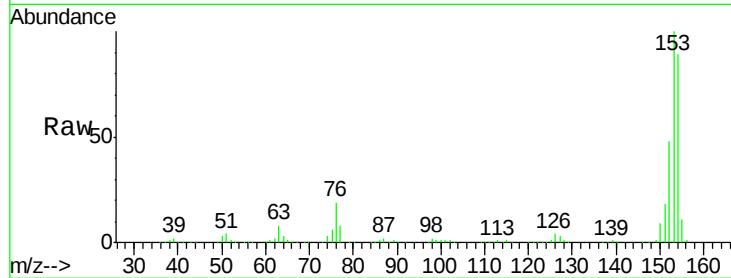




#51
Acenaphthene
Concen: 37.865 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

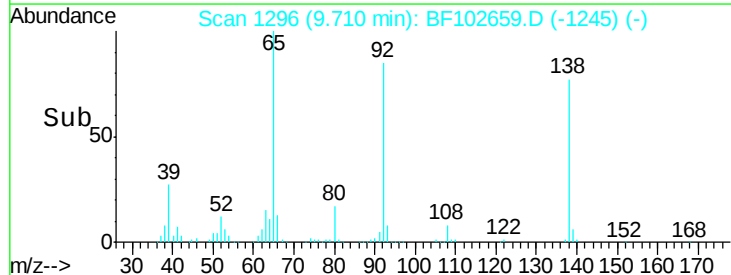
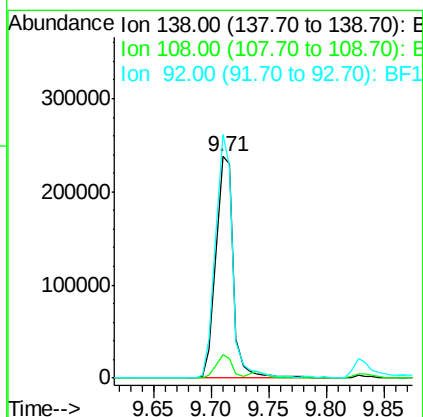
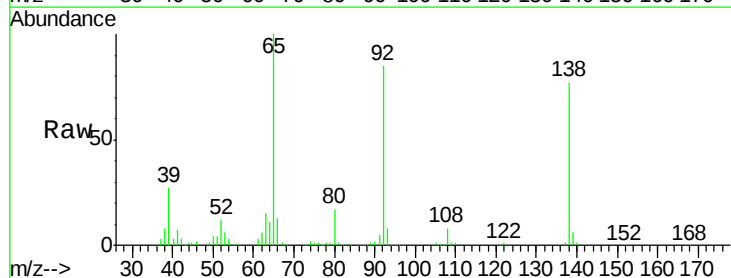
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

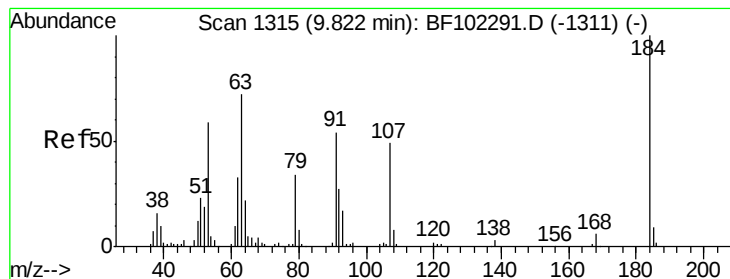
Tot Ion:154 Resp: 712136
Ion Ratio Lower Upper
154 100
153 112.9 91.2 136.8
152 54.3 43.8 65.8



#52
3-Nitroaniline
Concen: 40.068 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Tgt Ion:138 Resp: 251215
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.0
92 109.9 89.4 134.2





#53

2,4-Dinitrophenol

Concen: 42.148 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

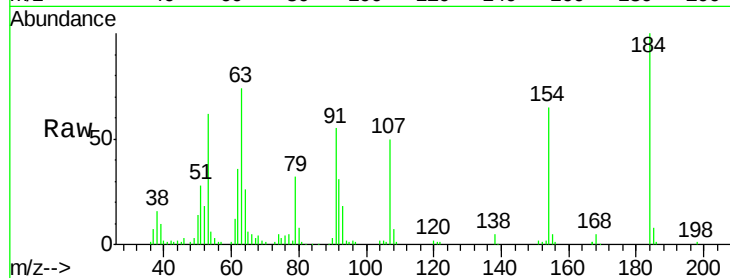
Tot Ion:184 Resp: 95867

Ion Ratio Lower Upper

184 100

63 73.5 54.2 81.2

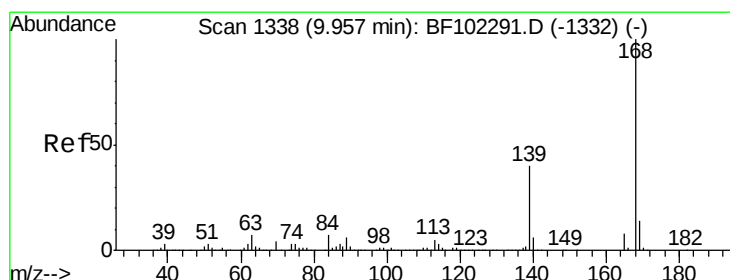
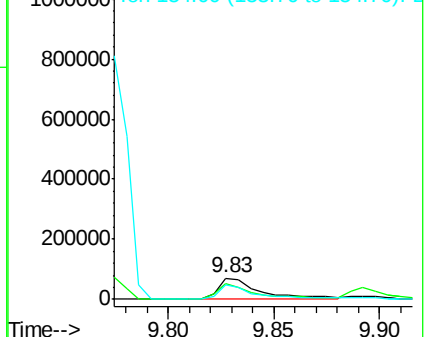
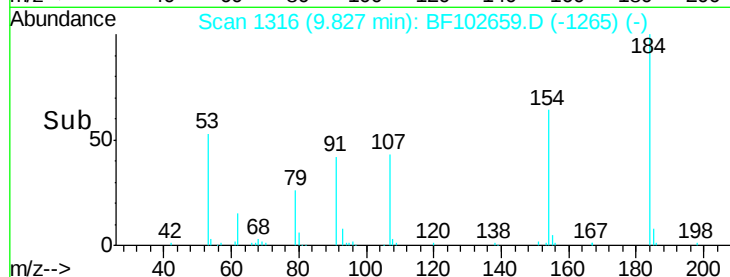
154 64.8 184.0 276.0#



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: 38.201 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

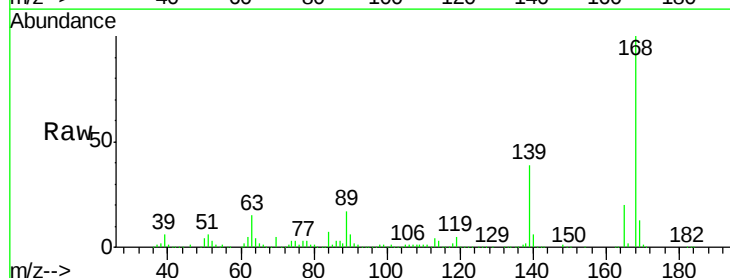
Tgt Ion:168 Resp: 972337

Ion Ratio Lower Upper

168 100

139 39.3 30.1 45.1

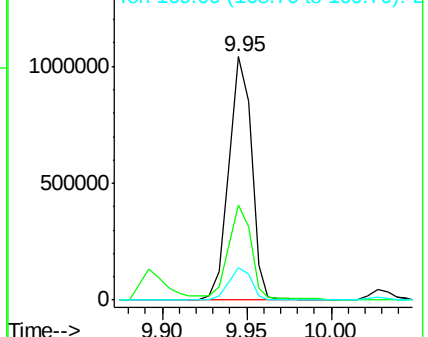
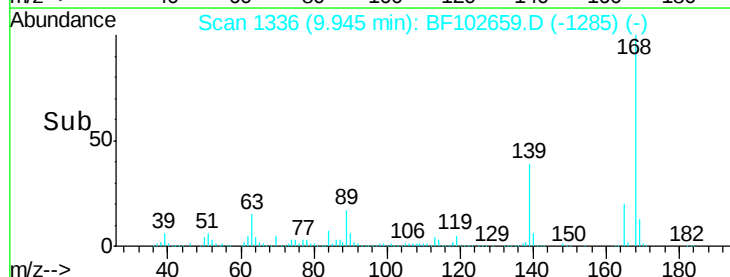
169 13.3 10.9 16.3

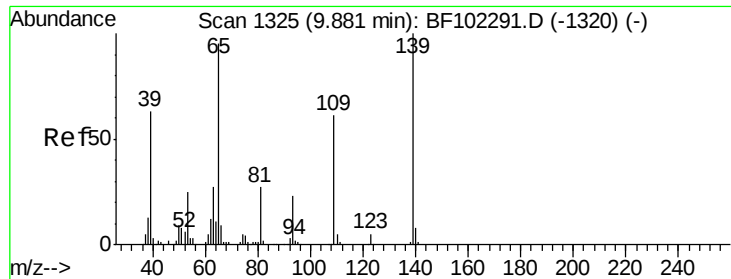


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 35.416 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

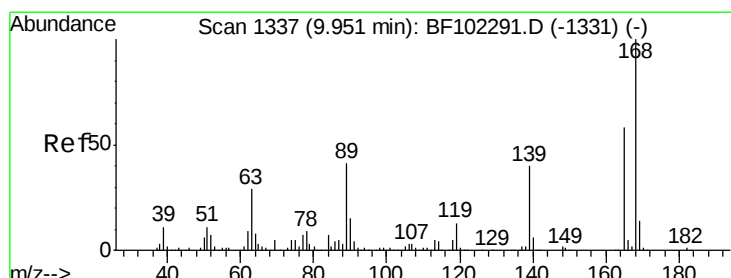
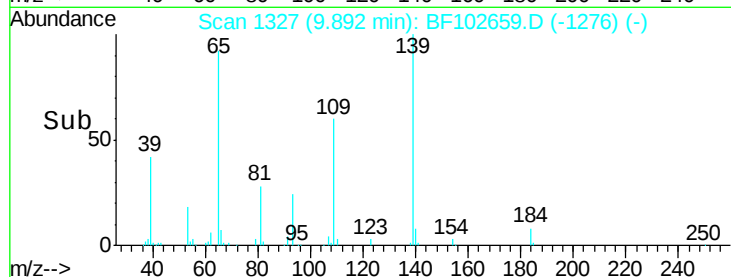
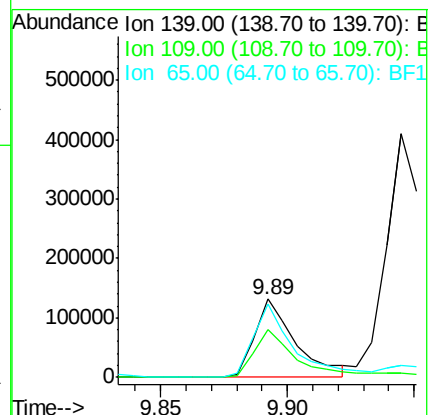
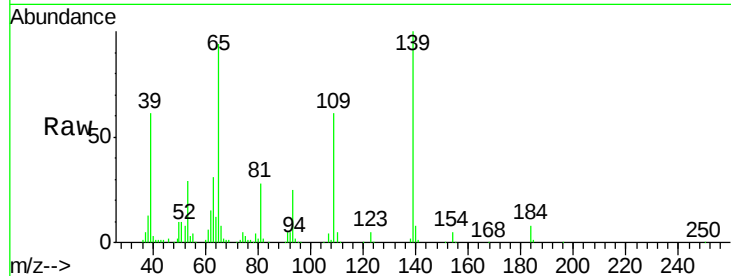
Tot Ion:139 Resp: 146572

Ion Ratio Lower Upper

139 100

109 60.7 48.4 88.4

65 94.3 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 36.817 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Tgt Ion:165 Resp: 239952

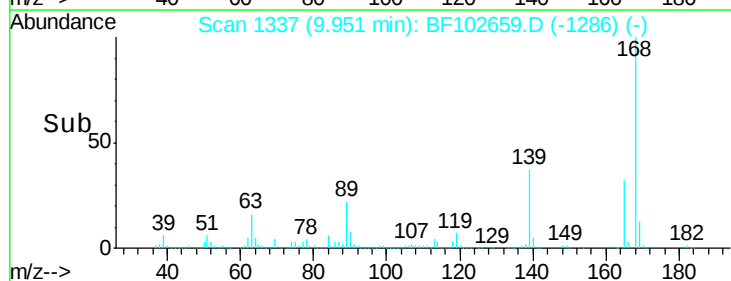
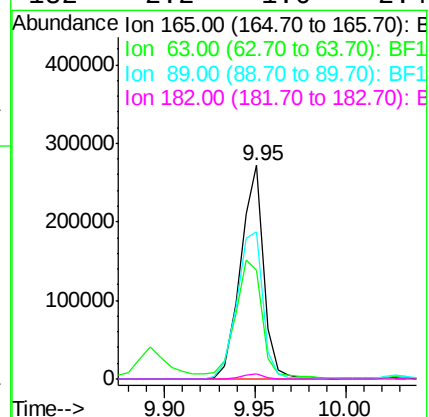
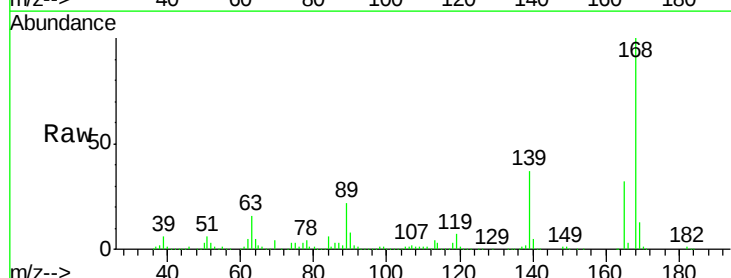
Ion Ratio Lower Upper

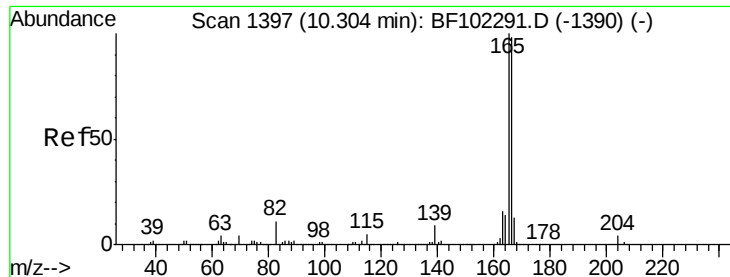
165 100

63 51.1 36.4 54.6

89 68.9 57.8 86.6

182 2.2 1.6 2.4





#57

Fluorene

Concen: 39.686 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

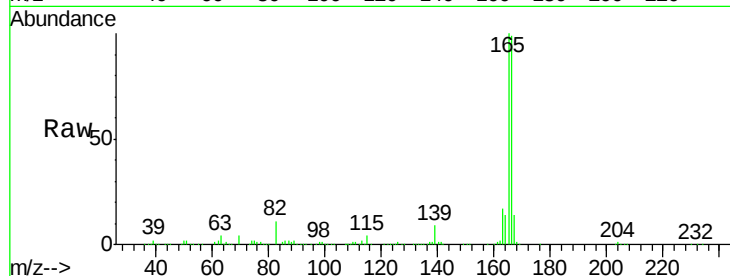
Tot Ion:166 Resp: 800437

Ion Ratio Lower Upper

166 100

165 100.6 79.8 119.8

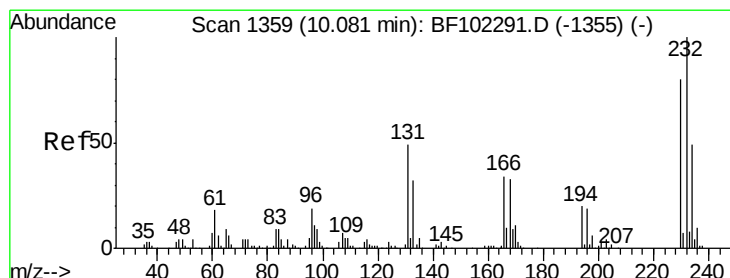
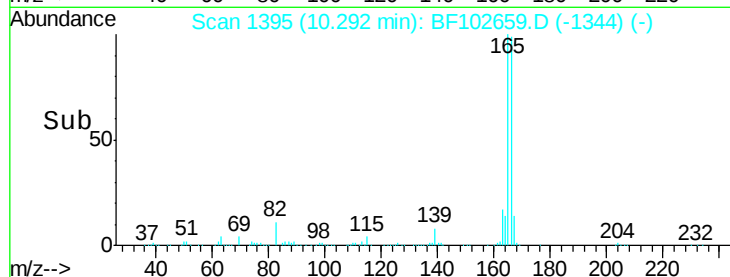
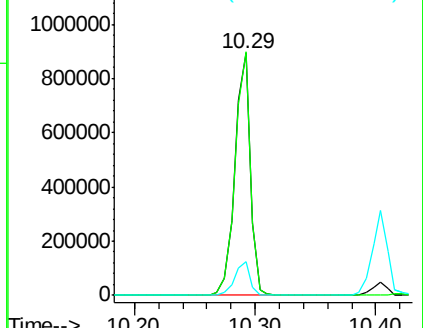
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.236 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Tgt Ion:232 Resp: 174482

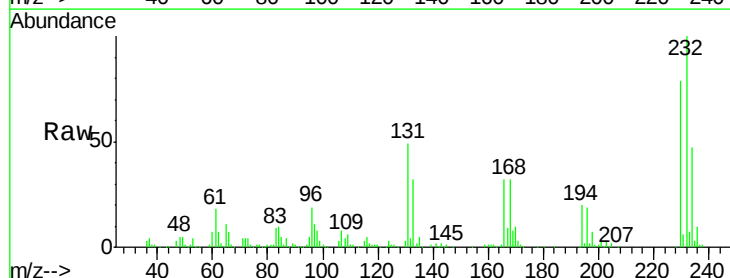
Ion Ratio Lower Upper

232 100

131 54.0 43.8 65.8

130 2.6 2.1 3.1

166 32.3 27.8 41.6

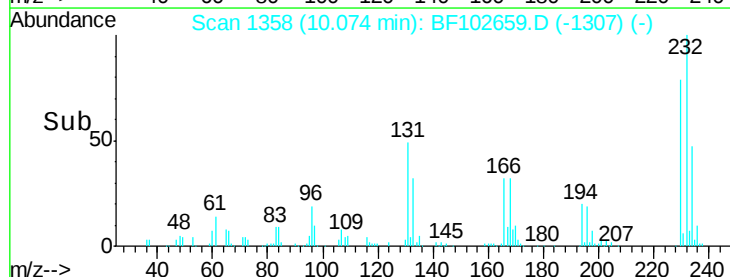
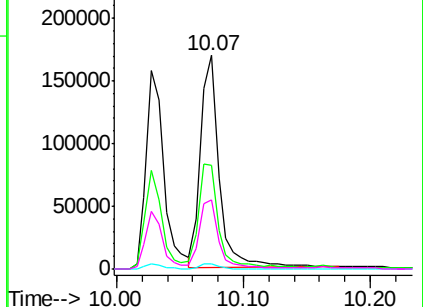


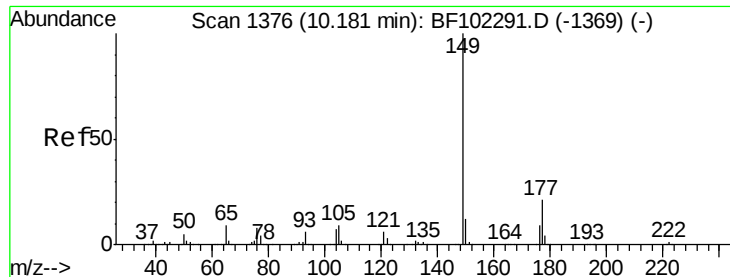
Abundance Ion 232.00 (231.70 to 232.70): E

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

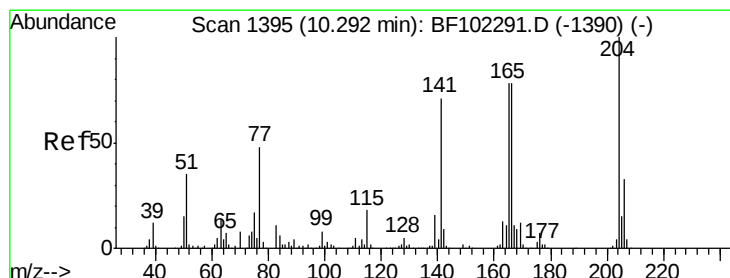
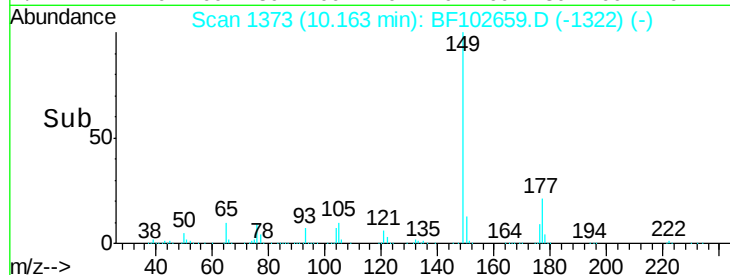
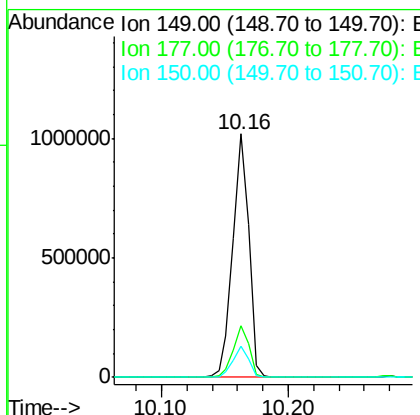
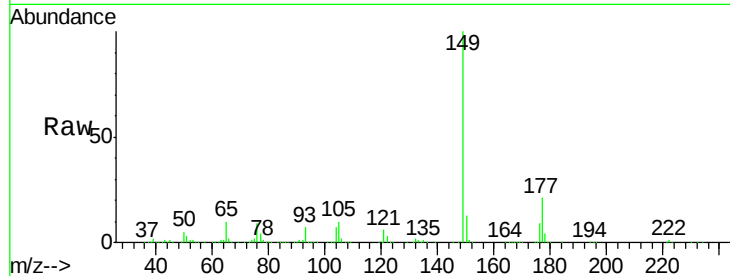




#59
Diethylphthalate
Concen: 37.068 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

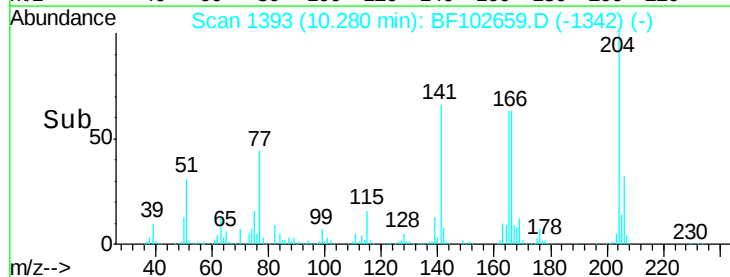
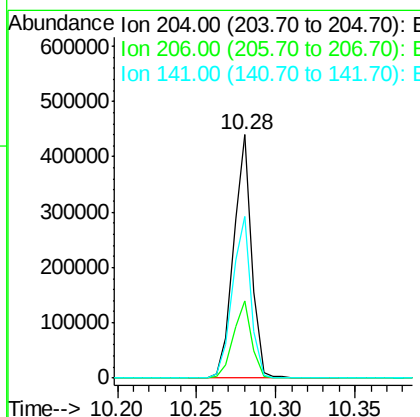
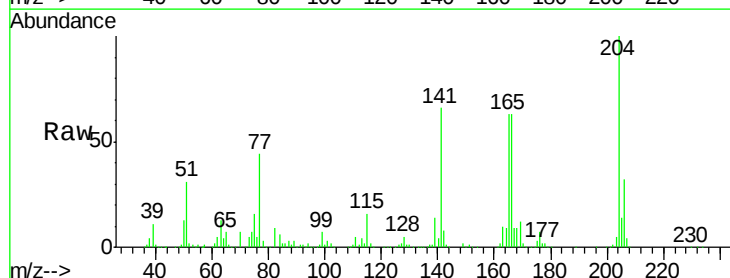
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

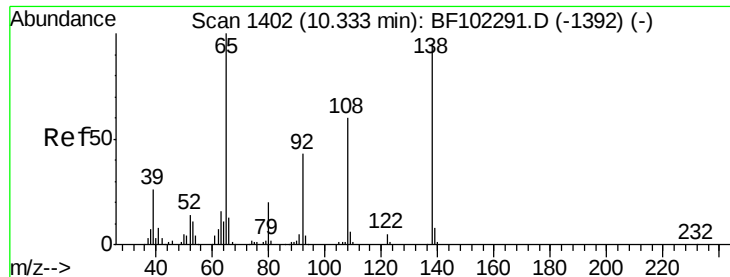
Tot Ion:149 Resp: 885480
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.713 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Tgt Ion:204 Resp: 347267
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 66.5 54.6 81.8

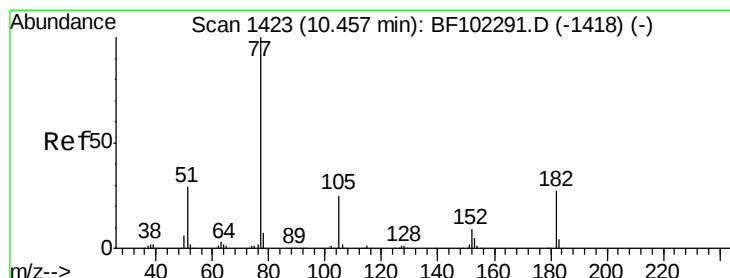
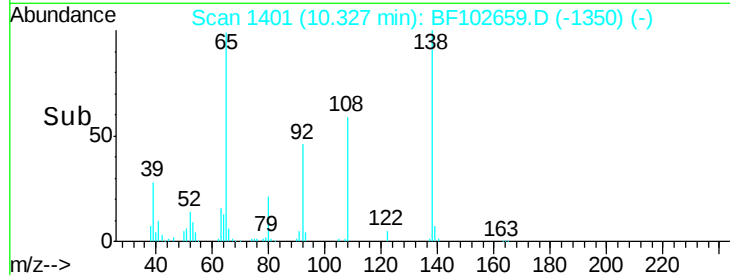
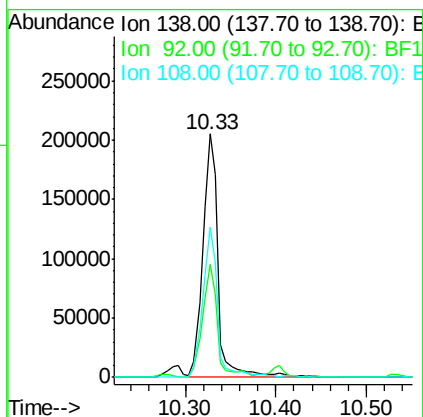
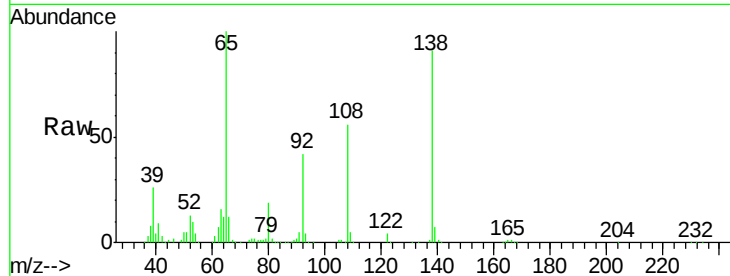




#61
4-Nitroaniline
Concen: 38.700 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

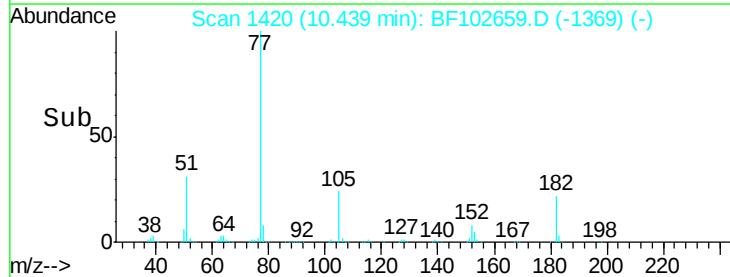
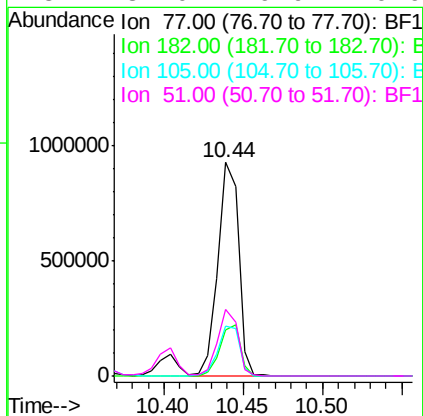
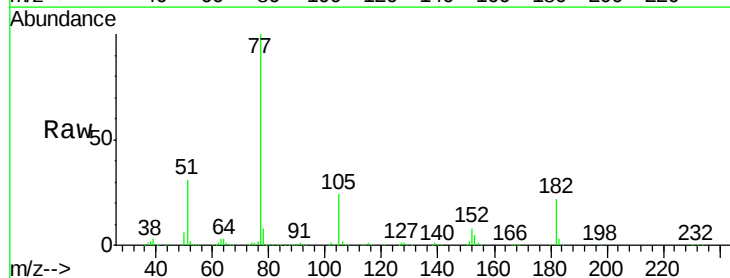
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

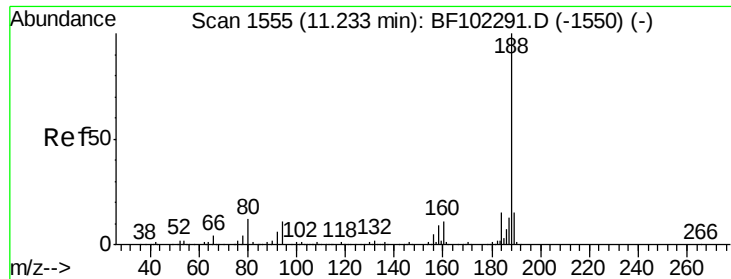
Tot Ion:138 Resp: 242118
Ion Ratio Lower Upper
138 100
92 46.3 30.2 70.2
108 61.8 52.5 92.5



#62
Azobenzene
Concen: 38.623 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Tgt Ion: 77 Resp: 844715
Ion Ratio Lower Upper
77 100
182 21.5 1.7 41.7
105 23.7 3.0 43.0
51 31.0 9.9 49.9

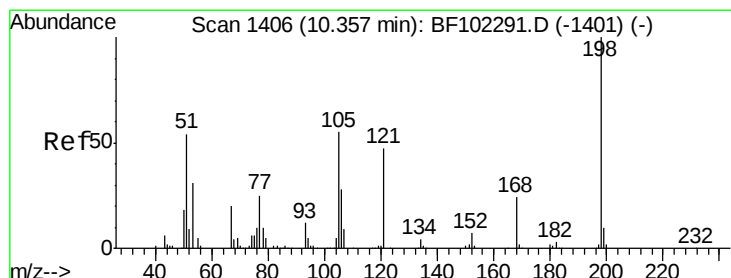
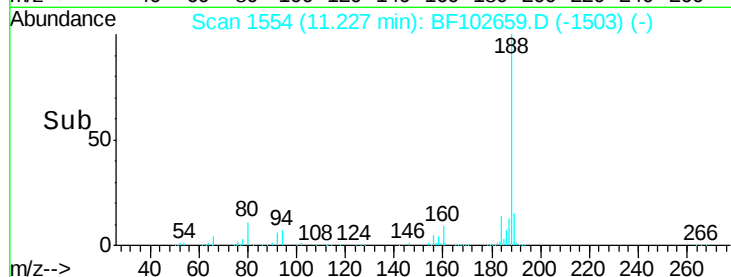
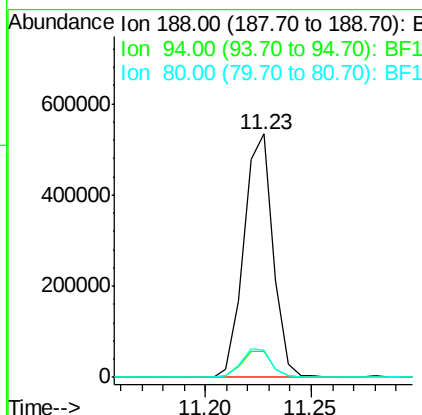
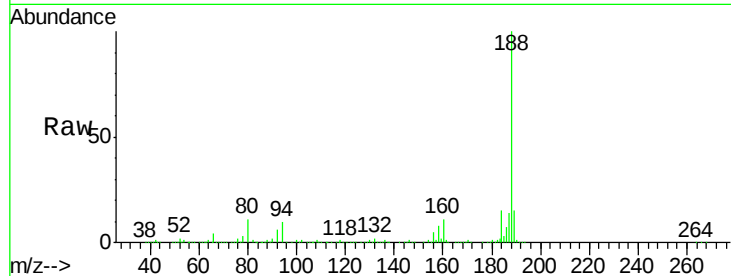




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

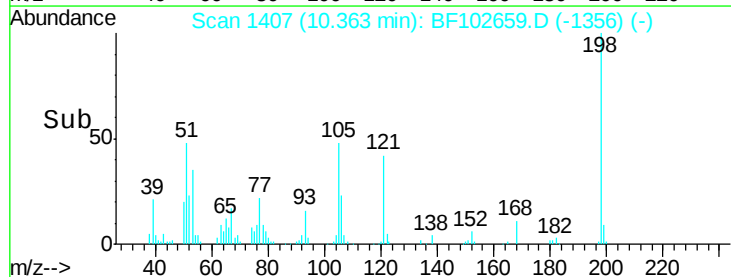
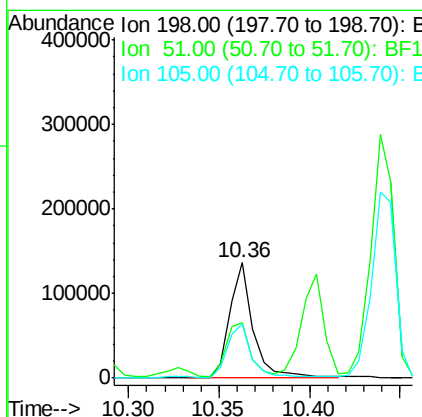
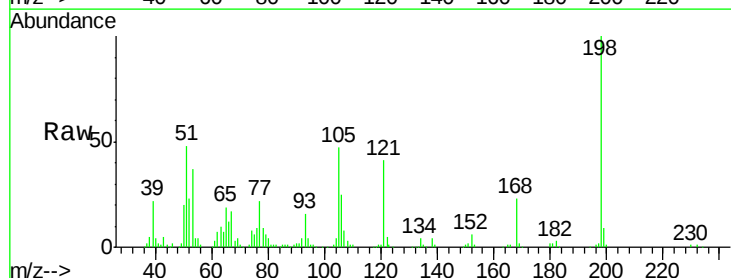
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

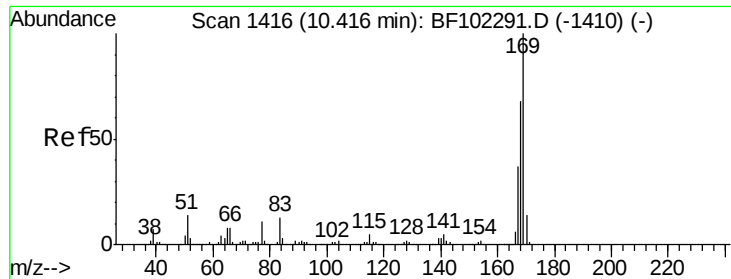
Tot Ion:188 Resp: 511570
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 35.837 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Tgt Ion:198 Resp: 122312
Ion Ratio Lower Upper
198 100
51 47.8 37.7 77.7
105 47.5 36.3 76.3

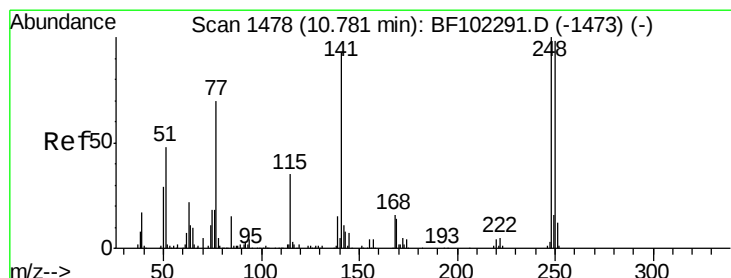
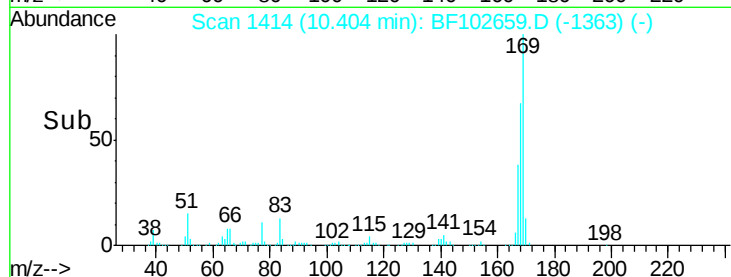
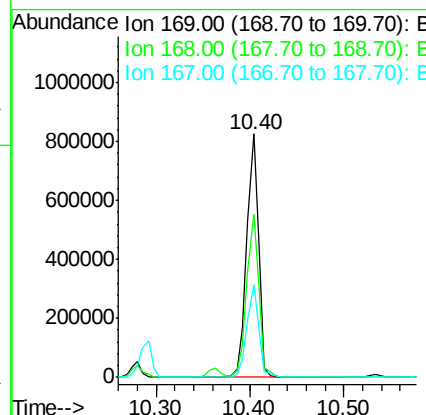
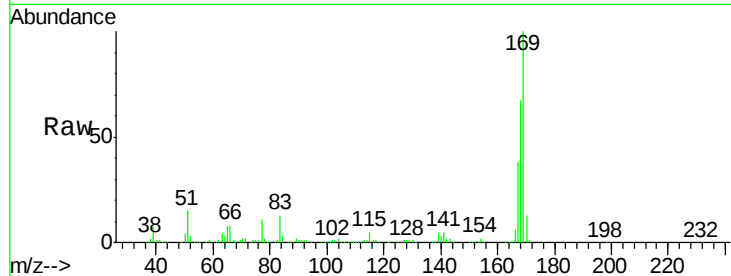




#65
 n-Nitrosodiphenylamine
 Concen: 38.843 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

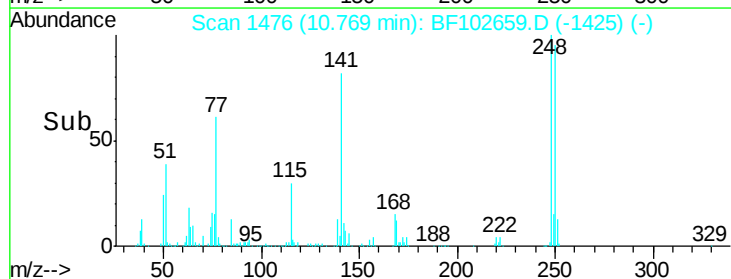
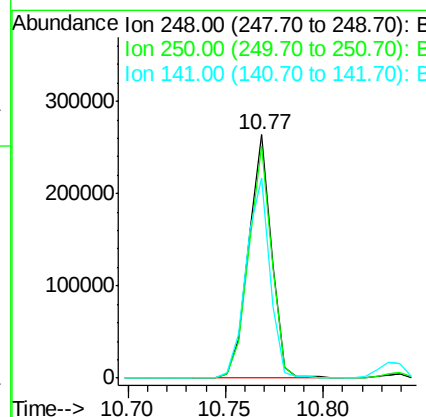
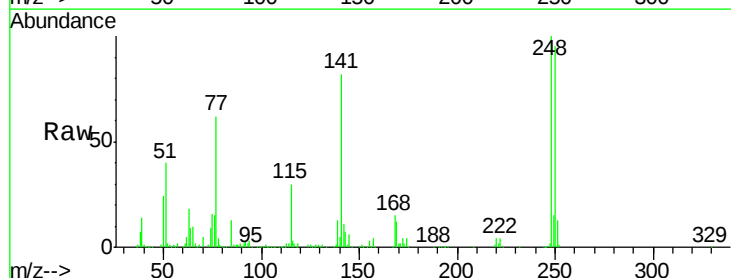
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

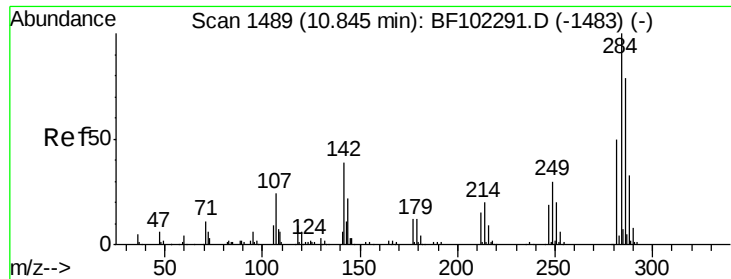
Tot Ion:169 Resp: 729339
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.4 81.6
 167 37.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.009 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

Tgt Ion:248 Resp: 214823
 Ion Ratio Lower Upper
 248 100
 250 95.2 76.9 115.3
 141 82.4 74.4 111.6

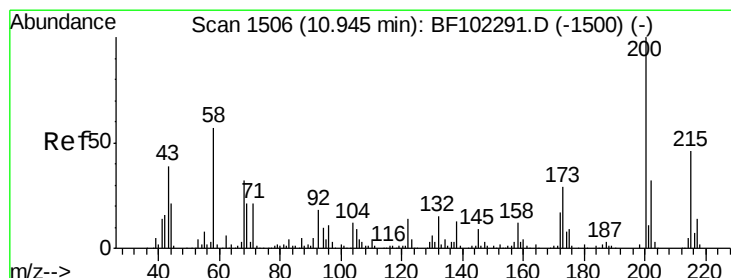
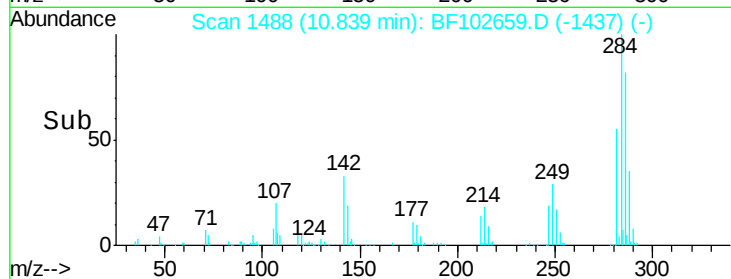
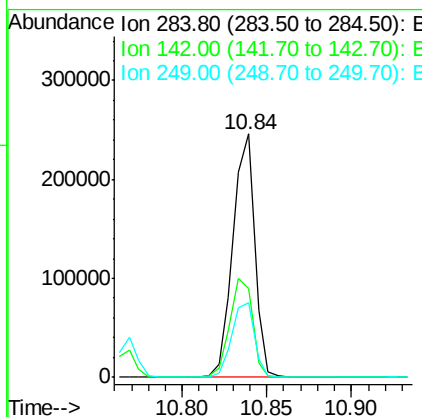
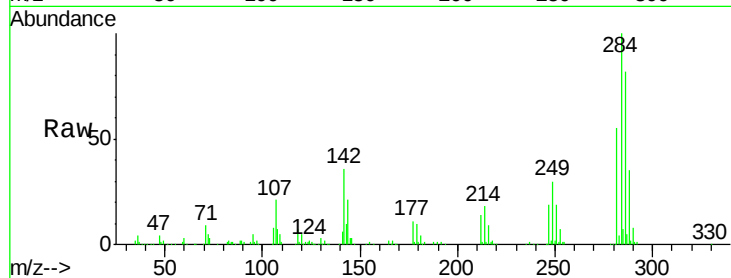




#67
Hexachlorobenzene
Concen: 35.795 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

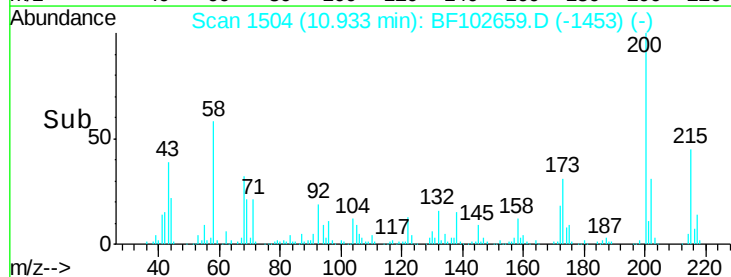
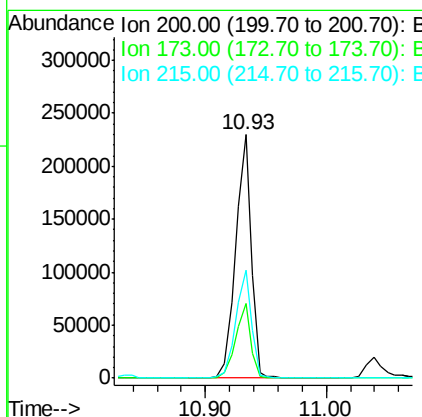
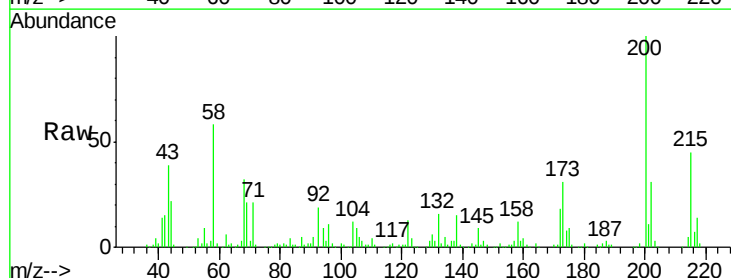
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

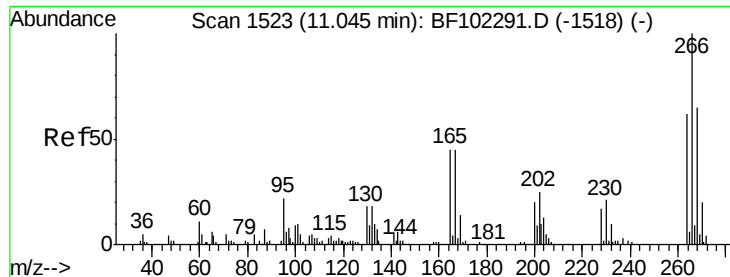
Tot Ion	Ratio	Lower	Upper
284	100		
142	36.5	34.6	52.0
249	30.5	24.8	37.2



#68
Atrazine
Concen: 37.501 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.8	8.6	48.6
215	44.6	25.1	65.1

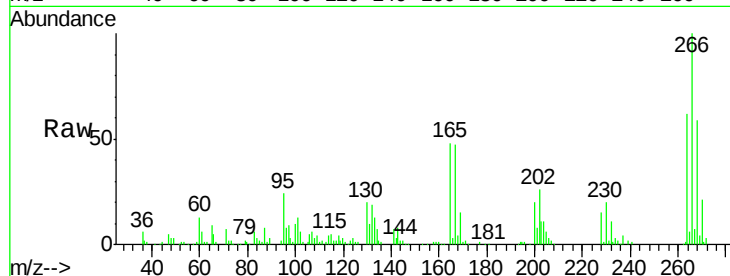




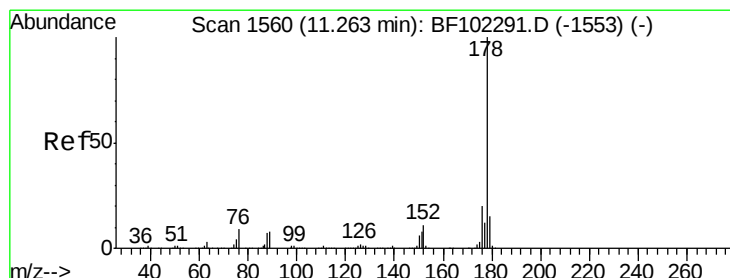
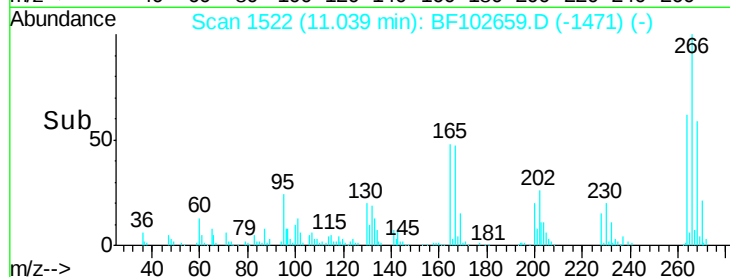
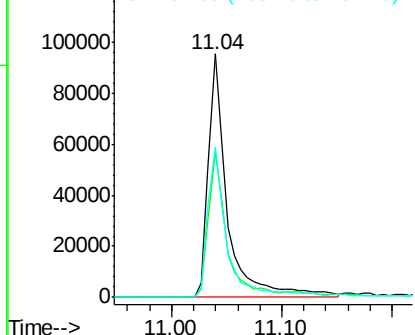
#69
 Pentachlorophenol
 Concen: 34.619 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 112006
 Ion Ratio Lower Upper
 266 100
 268 59.5 51.1 76.7
 264 61.7 49.5 74.3

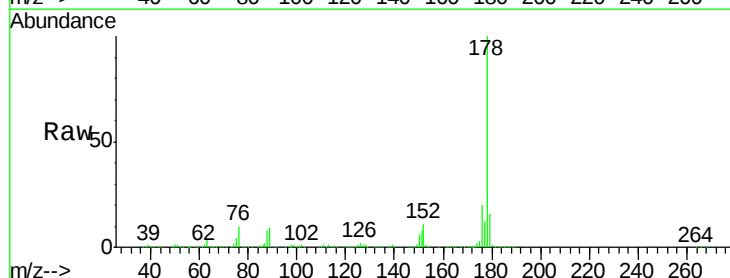


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

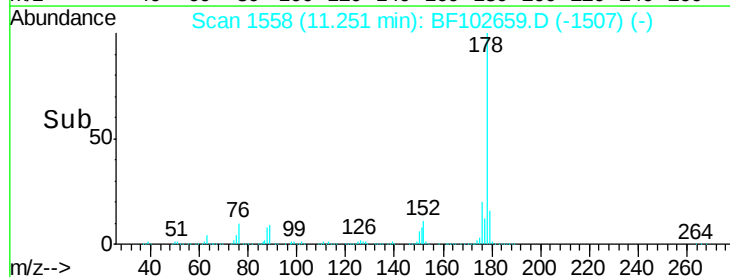
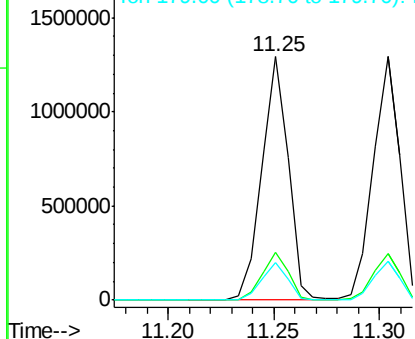


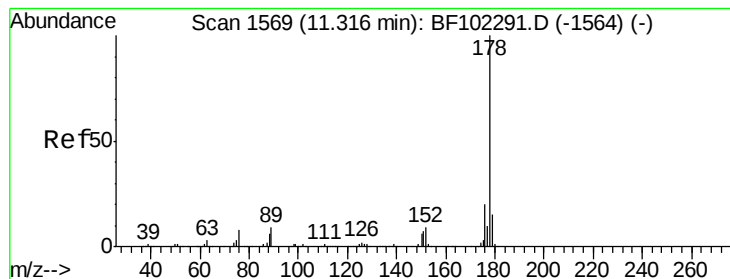
#70
 Phenanthrene
 Concen: 37.778 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

Tgt Ion:178 Resp: 1126163
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.5 13.0 19.6



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: 38.318 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

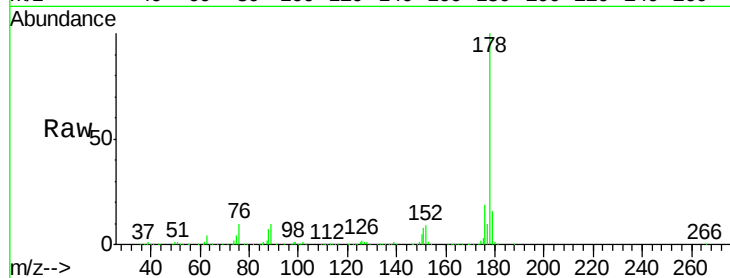
Tot Ion:178 Resp: 1165911

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

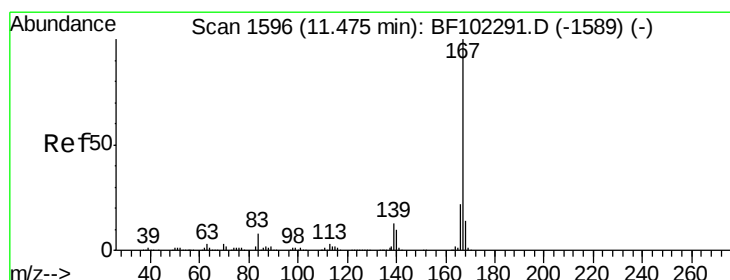
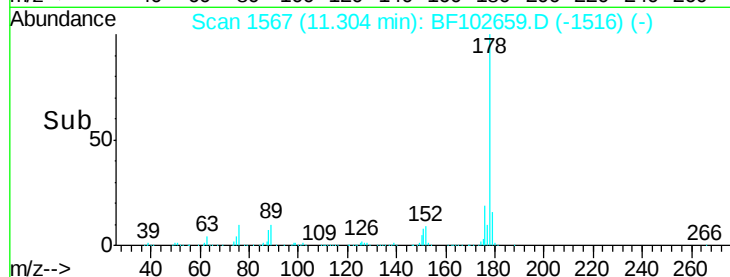
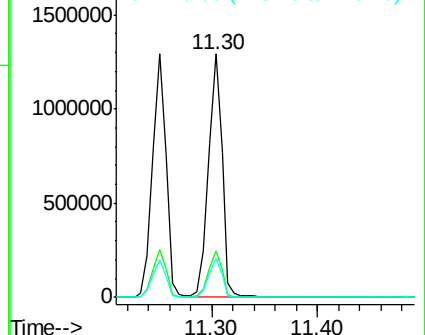
179 15.7 12.6 19.0



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



#72

Carbazole

Concen: 38.686 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

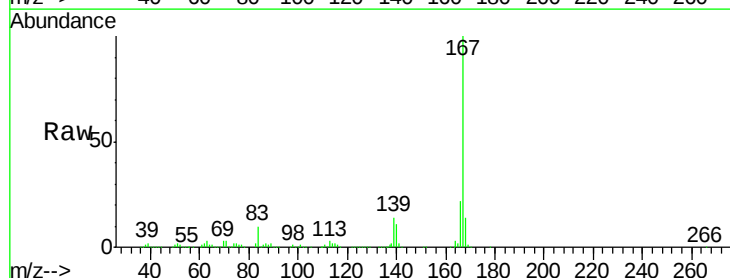
Tgt Ion:167 Resp: 1148374

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

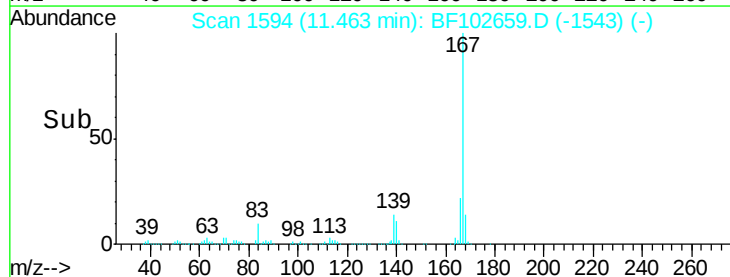
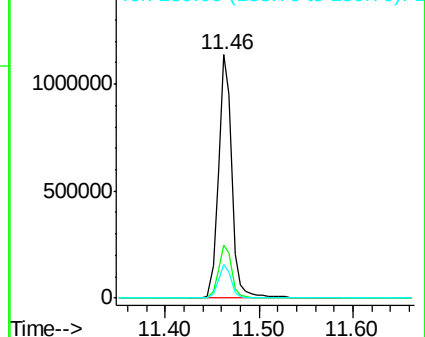
139 14.0 10.9 16.3

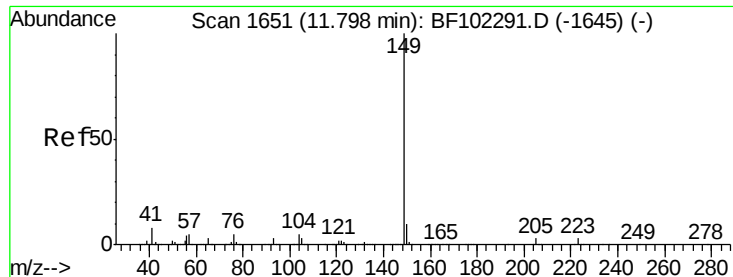


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.419 ng

RT: 11.78 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

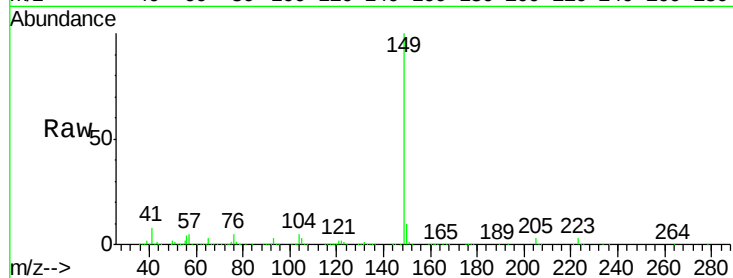
Tot Ion:149 Resp: 1388418

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

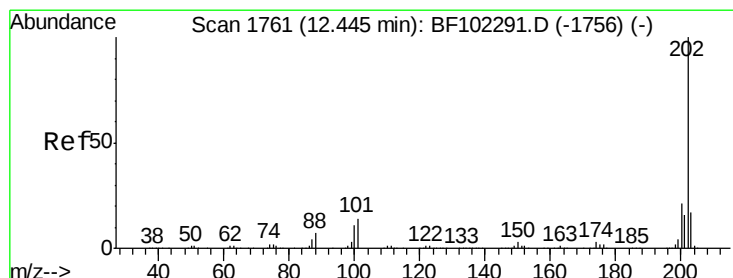
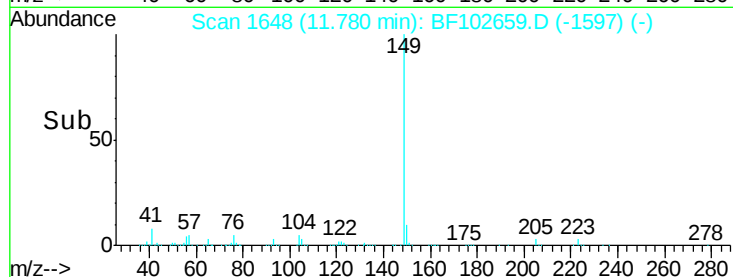
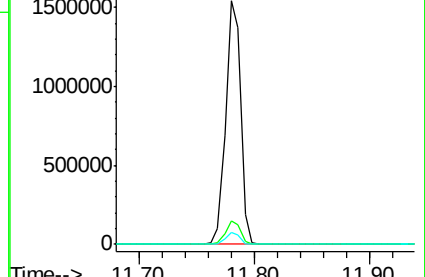
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.166 ng

RT: 12.44 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

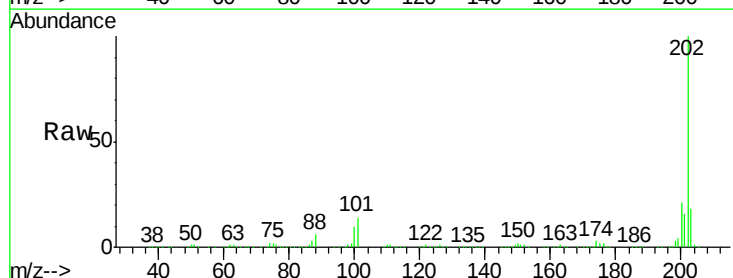
Tgt Ion:202 Resp: 1129806

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

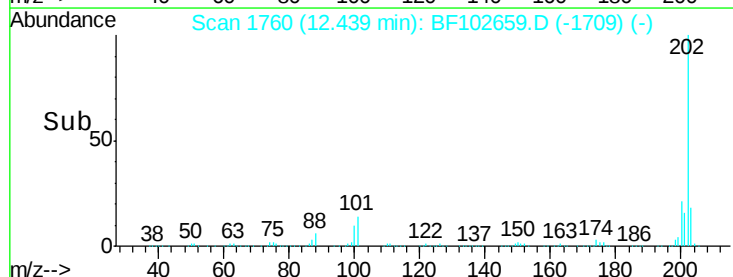
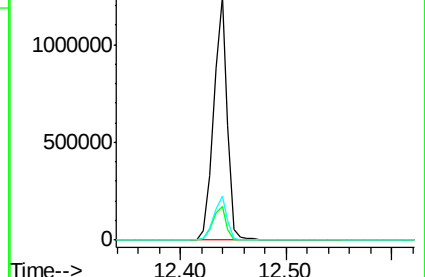
203 18.0 0.0 38.1

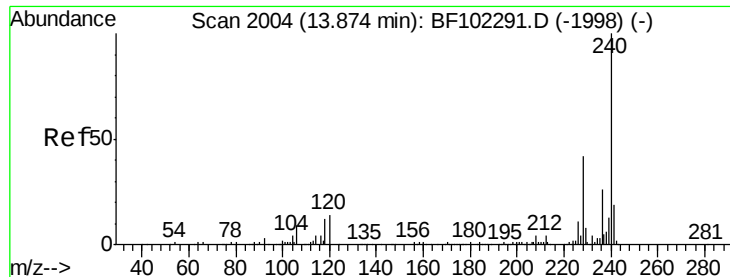


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

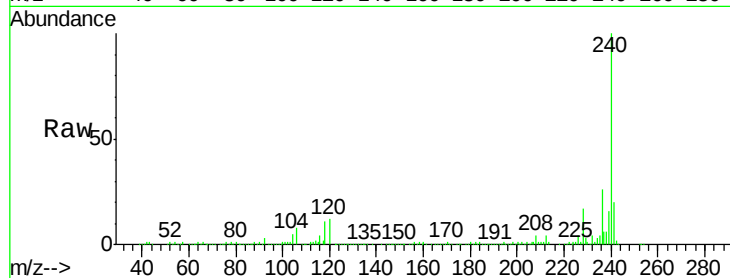
Tot Ion:240 Resp: 350052

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

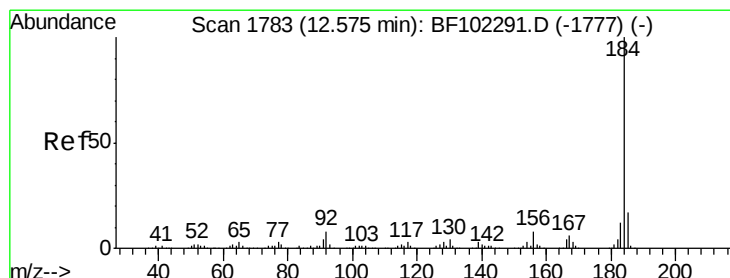
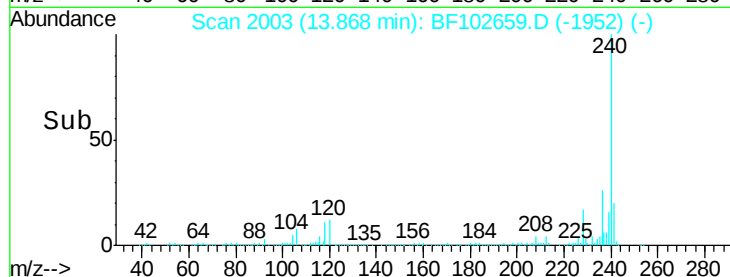
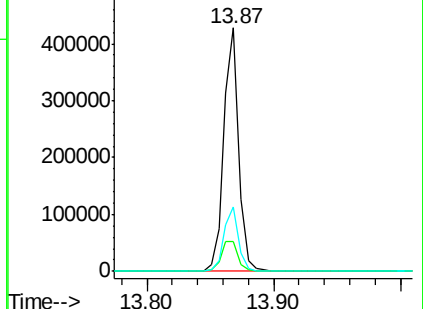
236 26.2 20.7 31.1



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: 39.029 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

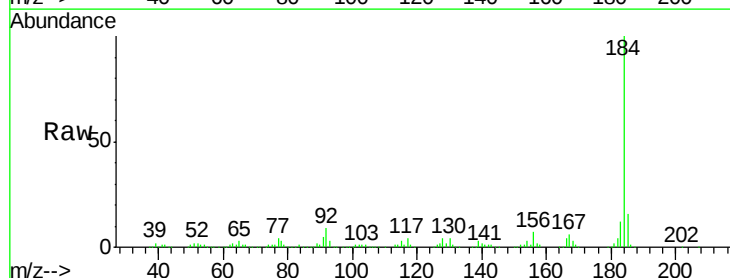
Tgt Ion:184 Resp: 458962

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

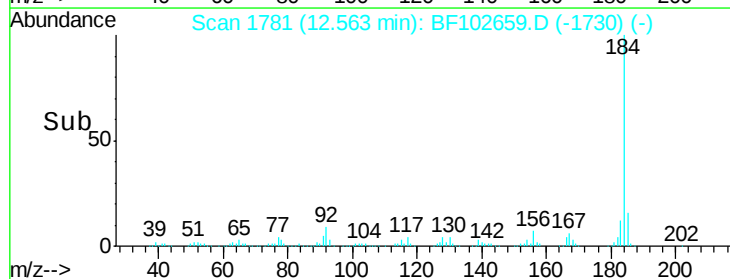
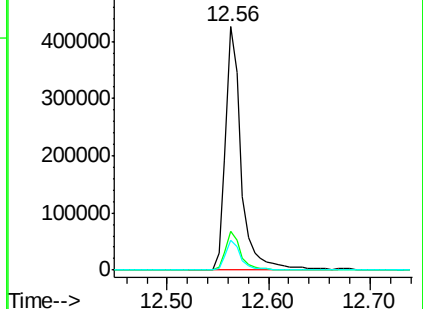
183 12.2 9.3 13.9

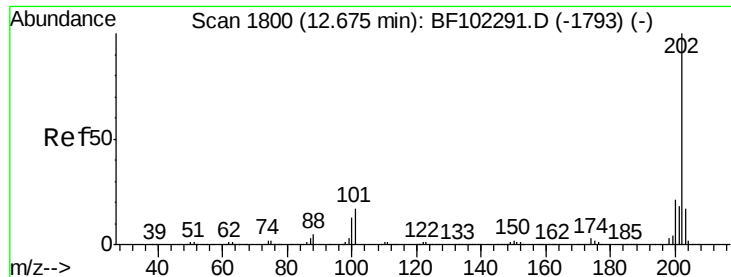


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.280 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

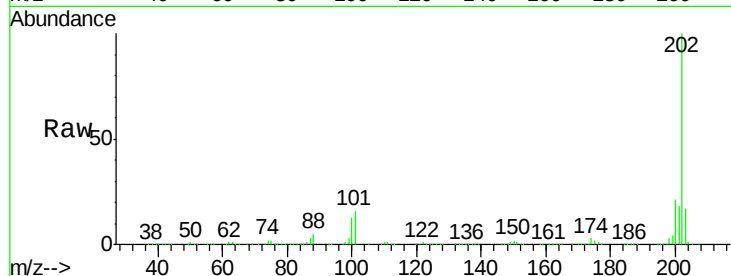
Tot Ion:202 Resp: 1144300

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

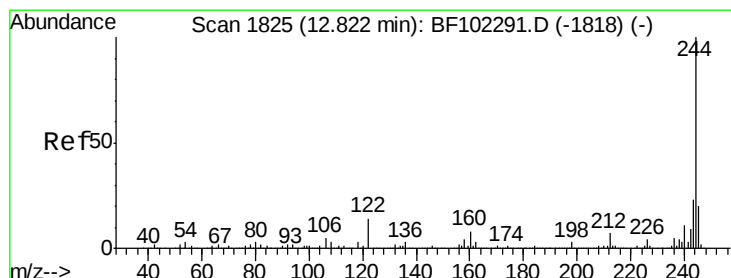
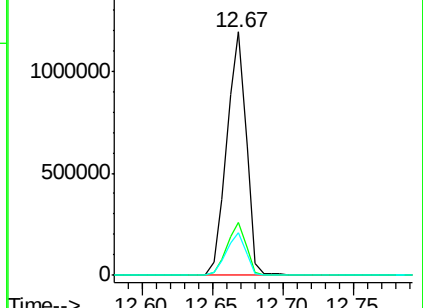
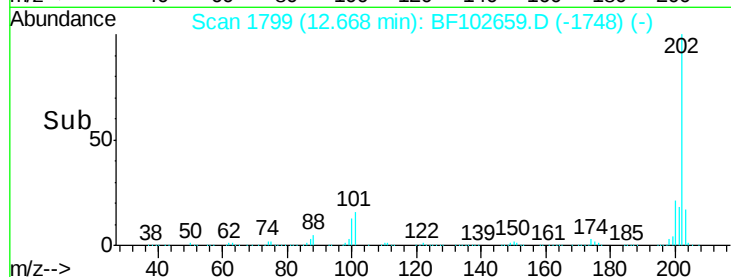
203 17.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.275 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

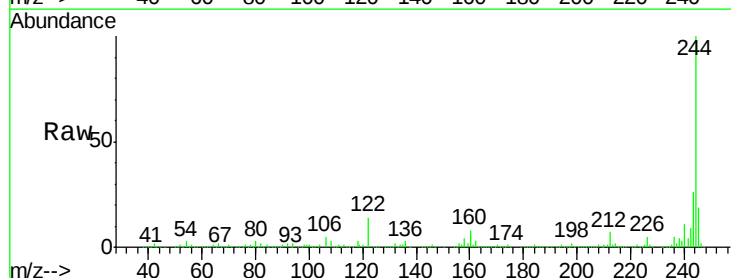
Tgt Ion:244 Resp: 1246489

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

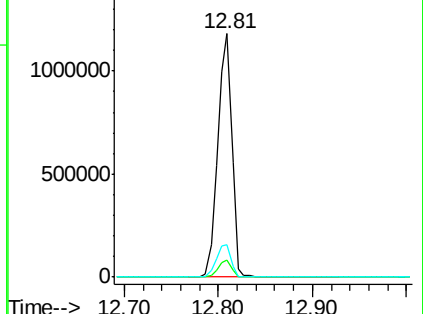
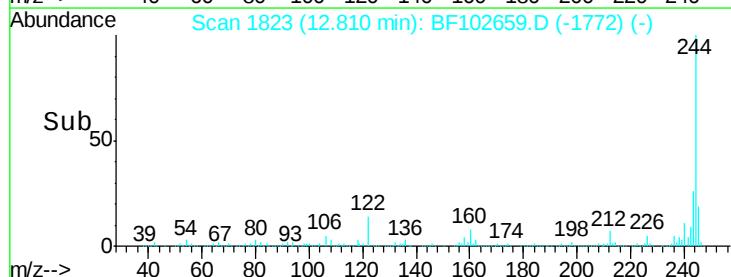
122 13.5 11.0 16.4

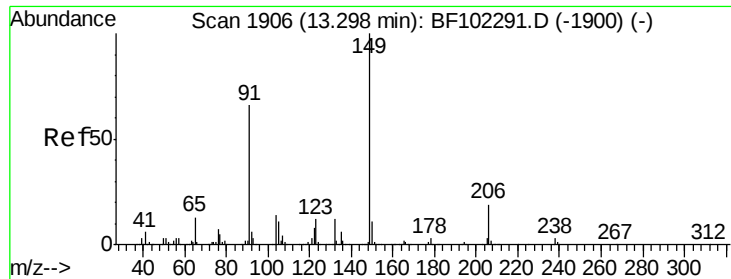


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

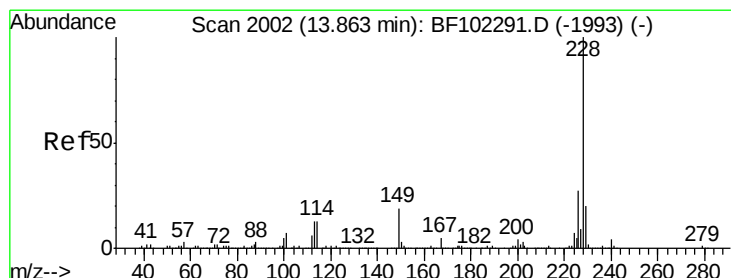
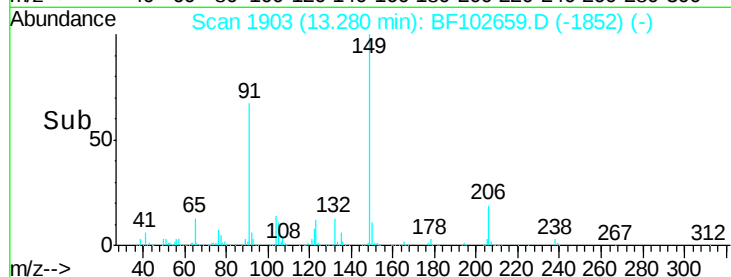
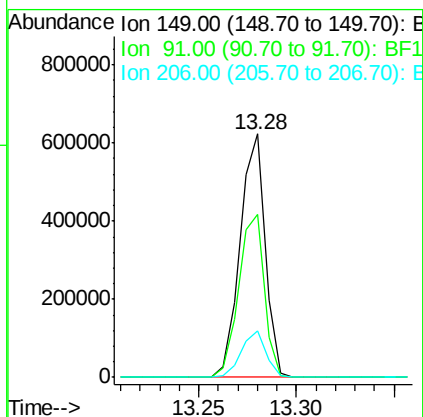
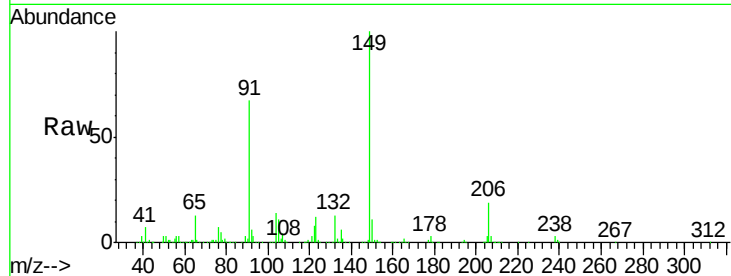




#79
Butylbenzylphthalate
Concen: 41.344 ng
RT: 13.28 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

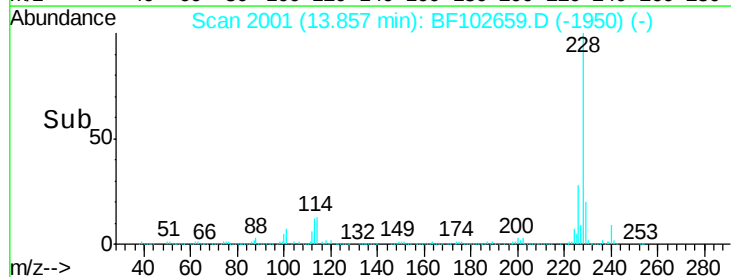
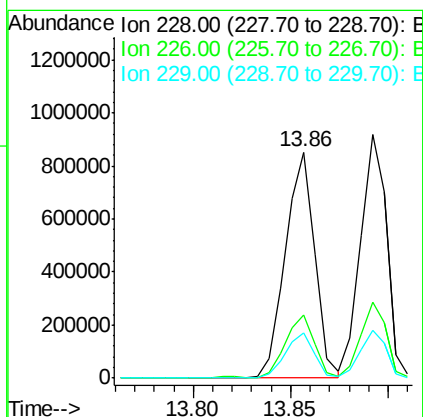
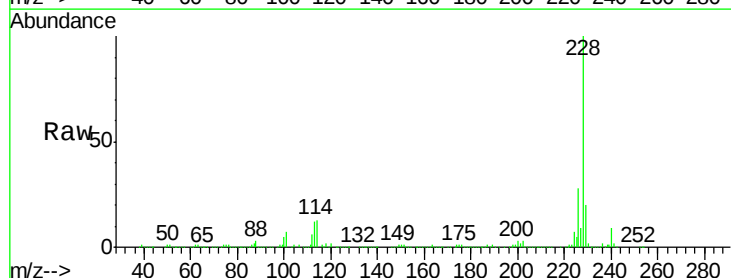
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

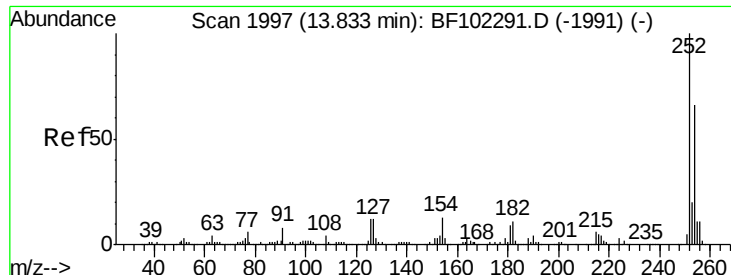
Tot Ion:149 Resp: 556853
Ion Ratio Lower Upper
149 100
91 67.0 56.8 85.2
206 18.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.204 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Tgt Ion:228 Resp: 888009
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.3 15.8 23.6

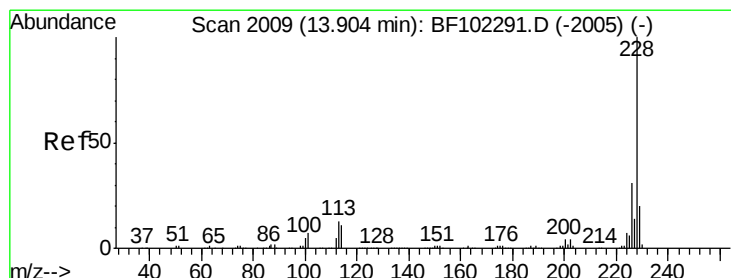
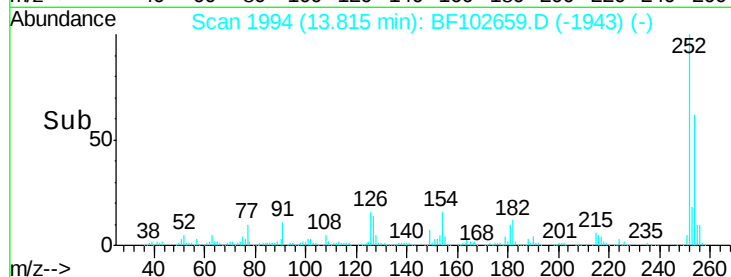
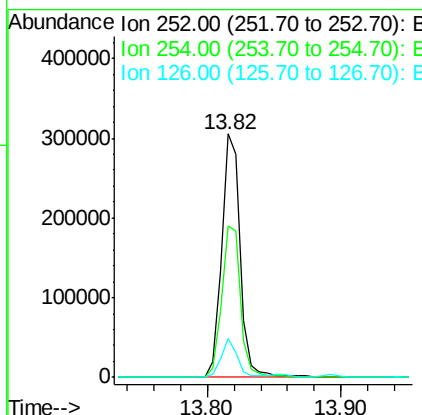
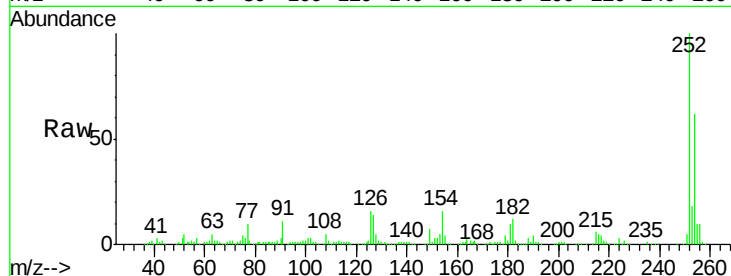




#81
 3,3'-Dichlorobenzidine
 Concen: 38.042 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

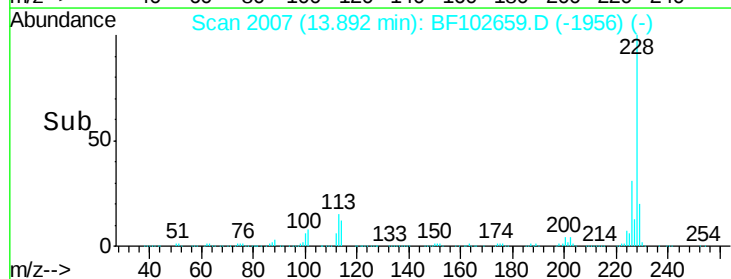
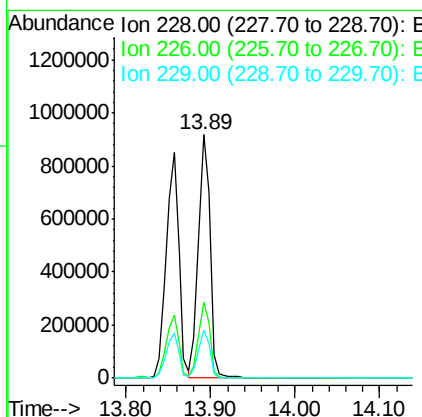
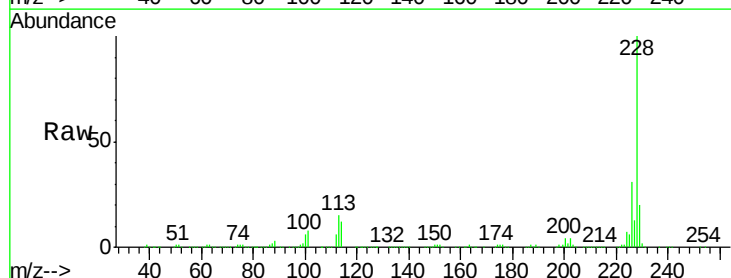
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

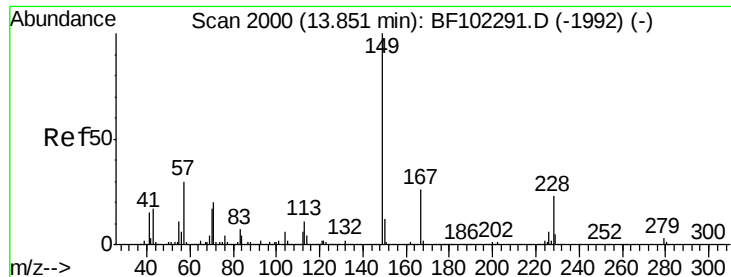
Tot Ion:252 Resp: 300755
 Ion Ratio Lower Upper
 252 100
 254 62.5 50.4 75.6
 126 15.7 11.3 16.9



#82
 Chrysene
 Concen: 39.623 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

Tgt Ion:228 Resp: 867176
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 19.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.203 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

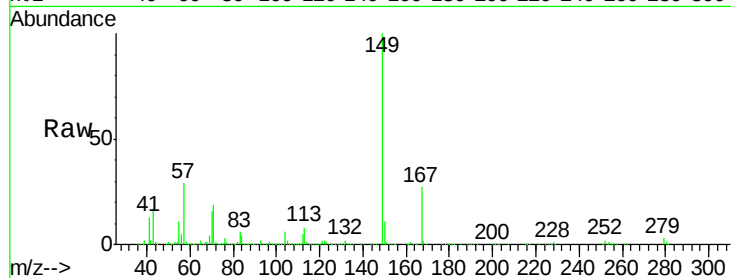
Tot Ion:149 Resp: 727699

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

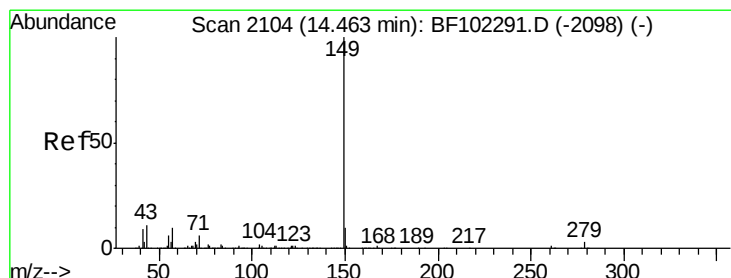
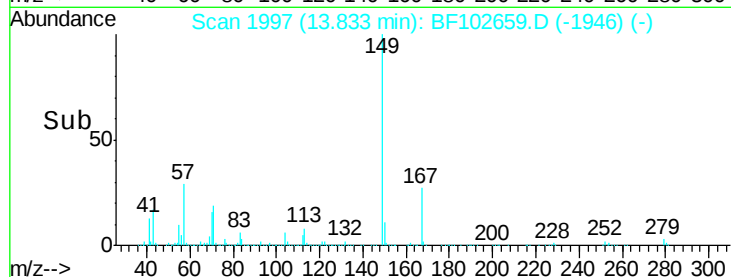
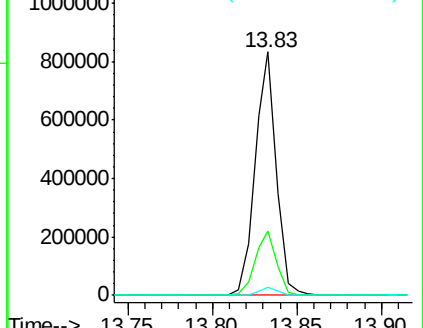
279 3.3 3.0 4.4



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: 36.683 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

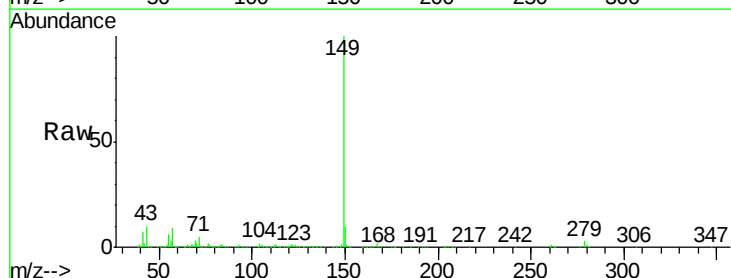
Tgt Ion:149 Resp: 1079809

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

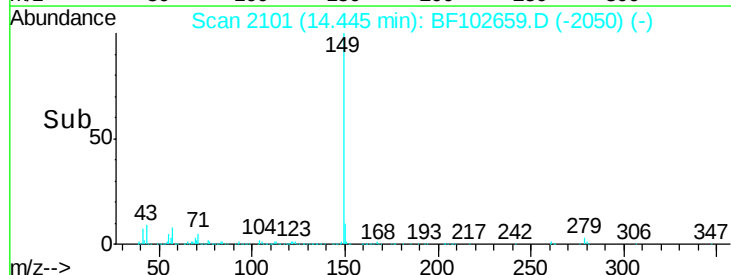
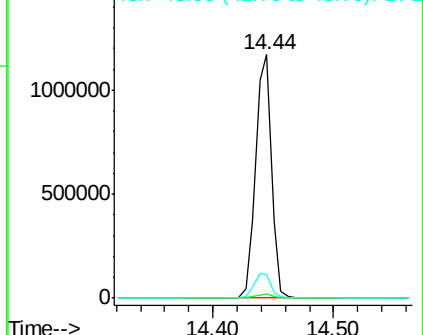
43 10.5 8.4 12.6

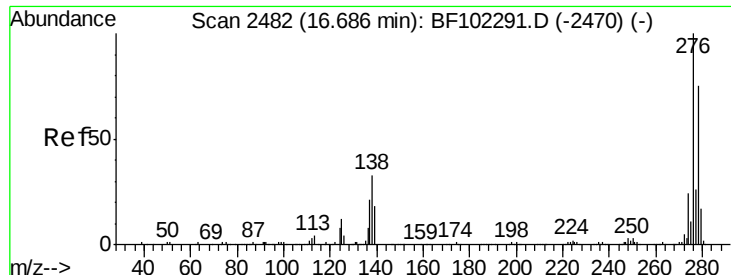


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

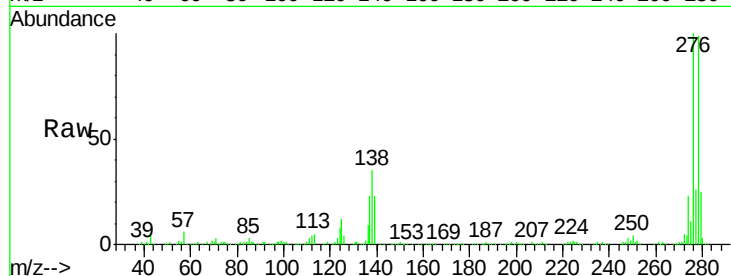




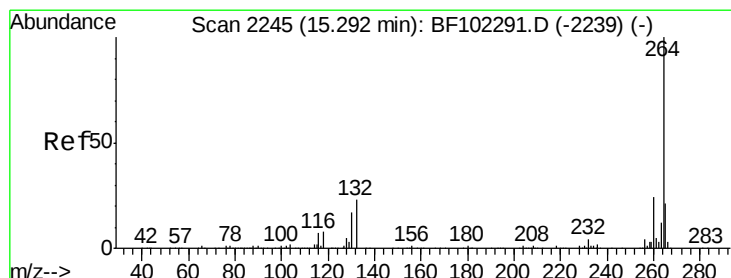
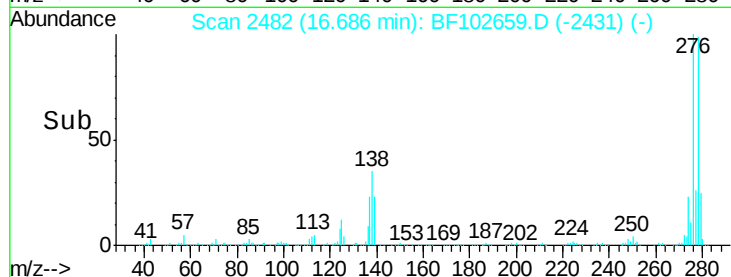
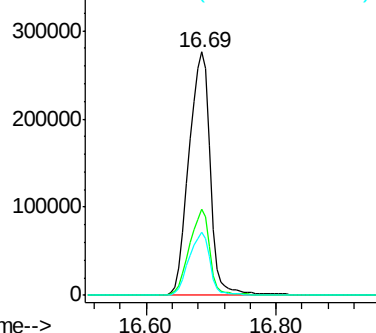
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.882 ng
 RT: 16.69 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	25.0	37.6
277	25.4	20.1	30.1

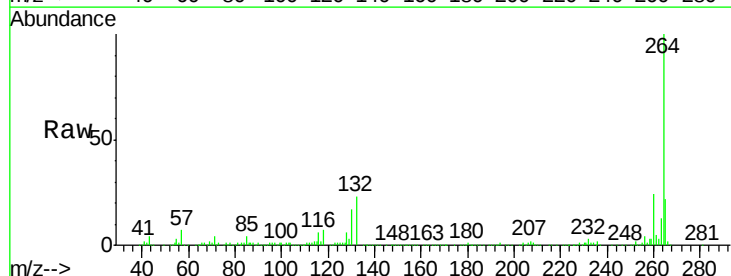


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

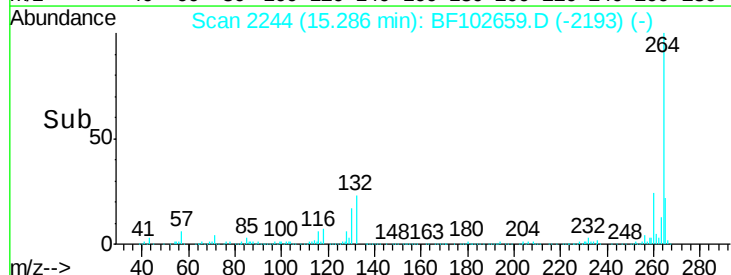
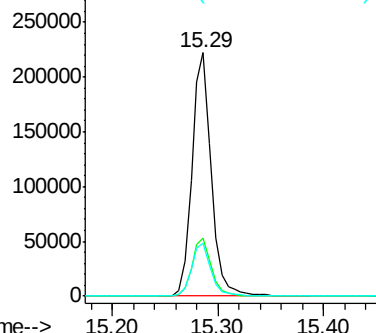


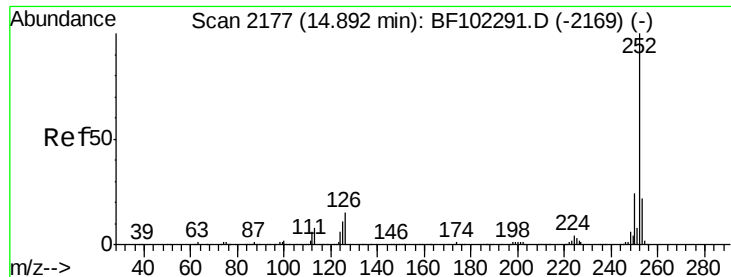
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.5	26.3



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

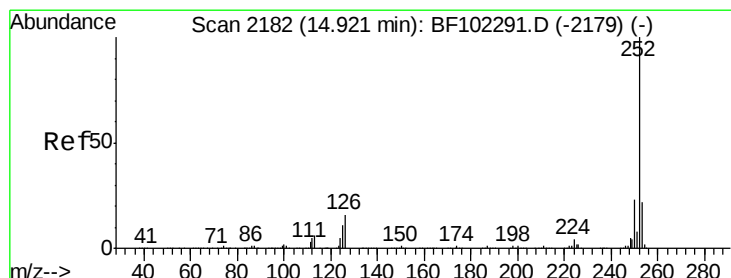
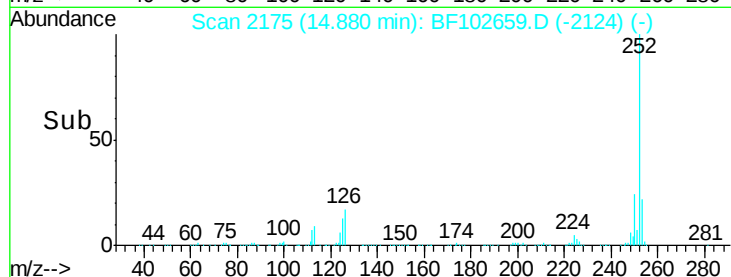
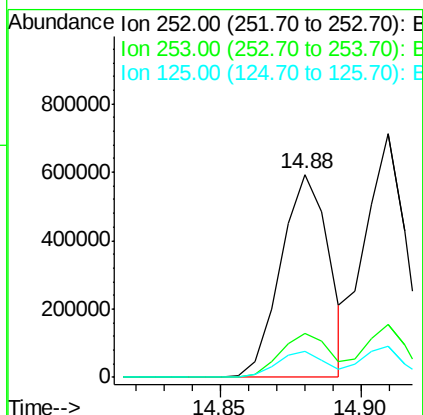
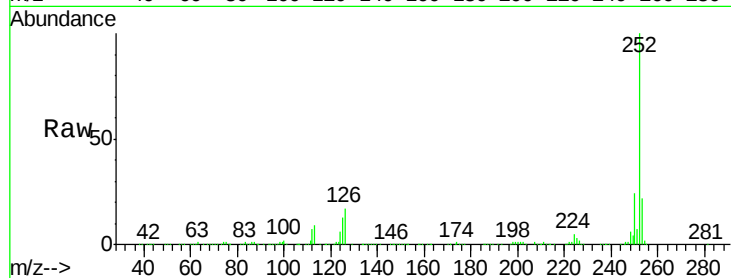




#87
Benzo(b)fluoranthene
Concen: 38.354 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

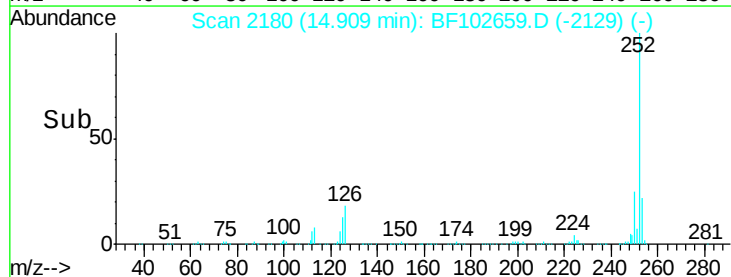
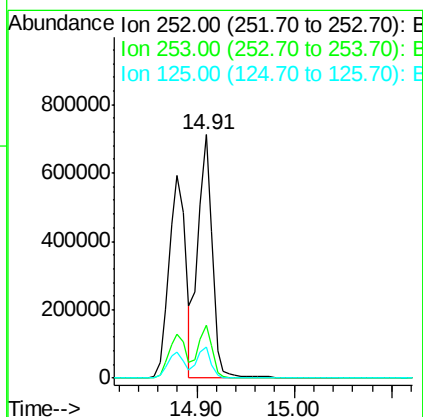
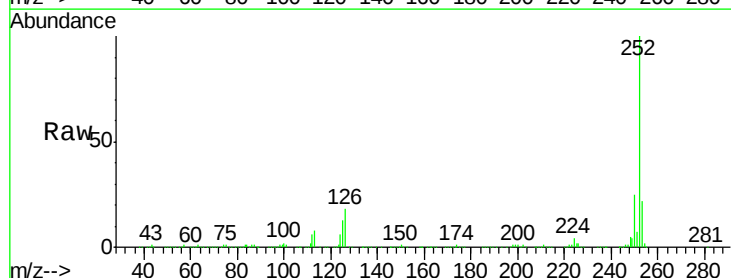
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

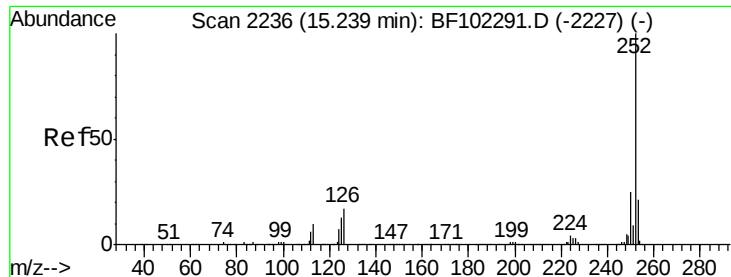
Tot Ion:252 Resp: 703282
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.740 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BF102659.D
Acq: 31 Jan 2018 17:16

Tgt Ion:252 Resp: 723121
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.645 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

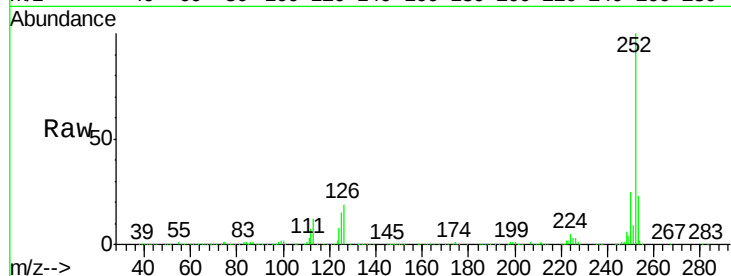
Tot Ion:252 Resp: 655642

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

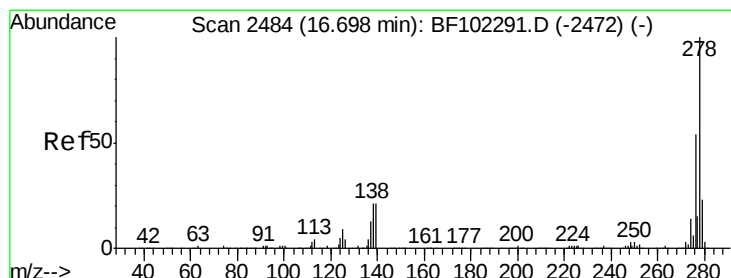
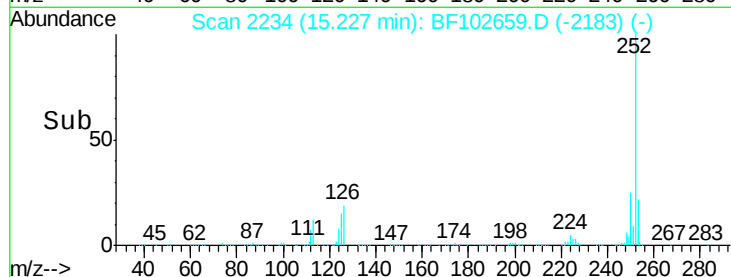
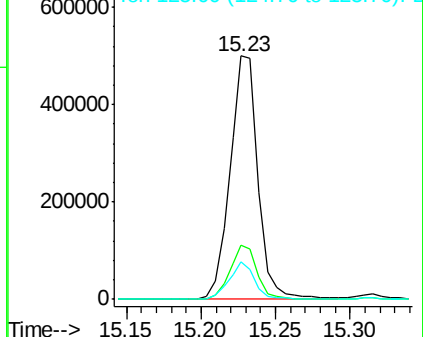
125 15.2 9.8 14.6#



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: 38.161 ng

RT: 16.69 min Scan# 2483

Delta R.T. 0.00 min

Lab File: BF102659.D

Acq: 31 Jan 2018 17:16

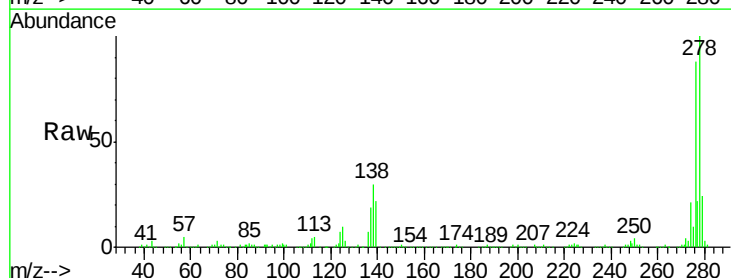
Tgt Ion:278 Resp: 511223

Ion Ratio Lower Upper

278 100

139 21.5 15.9 23.9

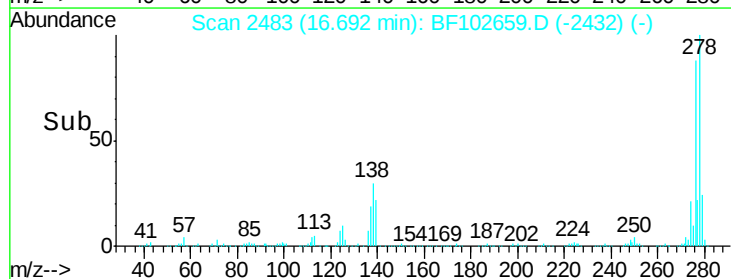
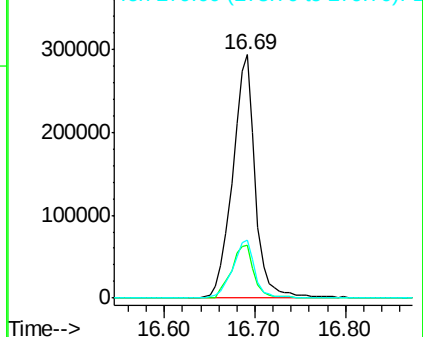
279 23.9 19.0 28.4

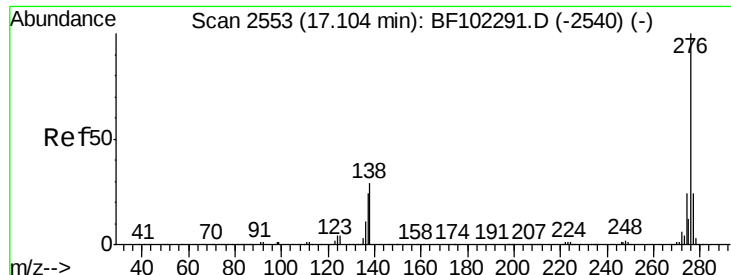


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 40.723 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: BF102659.D
 Acq: 31 Jan 2018 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.7	17.9	26.9	
138	27.3	21.8	32.8	

