

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105073.D
 Acq On : 3 May 2018 15:28
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 04 01:15:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	97113	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	404415	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	189837	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	345329	20.00	ng	0.00
75) Chrysene-d12	14.04	240	248832	20.00	ng	0.01
86) Perylene-d12	15.62	264	206129	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	547095	86.14	ng	0.00
7) Phenol-d6	6.44	99	630730	80.83	ng	0.00
23) Nitrobenzene-d5	7.36	82	581468	93.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	178731	90.76	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1063731	88.52	ng	-0.01
78) Terphenyl-d14	12.92	244	1016290	93.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	108467	36.652	ng	# 85
3) Pyridine	3.23	79	284528	34.196	ng	87
4) n-Nitrosodimethylamine	3.20	42	91872	31.587	ng	80
6) Aniline	6.45	93	401847	37.065	ng	# 55
8) 2-Chlorophenol	6.57	128	292116	43.577	ng	95
9) Benzaldehyde	6.34	77	143701	34.903	ng	93
10) Phenol	6.46	94	346782	41.883	ng	# 48
11) bis(2-Chloroethyl)ether	6.52	93	278184	42.102	ng	93
12) 1,3-Dichlorobenzene	6.72	146	331814	43.693	ng	99
13) 1,4-Dichlorobenzene	6.80	146	337623	44.599	ng	99
14) 1,2-Dichlorobenzene	6.95	146	308451	43.968	ng	99
15) Benzyl Alcohol	6.94	79	223554	37.718	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	307666	34.673	ng	# 1
17) 2-Methylphenol	7.06	107	243902	41.857	ng	# 88
18) Hexachloroethane	7.29	117	121709	45.092	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	199329	39.090	ng	90
20) 3+4-Methylphenols	7.21	107	335345	46.403	ng	# 87
22) Acetophenone	7.20	105	430606	43.249	ng	95
24) Nitrobenzene	7.37	77	302927	44.301	ng	96
25) Isophorone	7.61	82	529660	40.442	ng	99
26) 2-Nitrophenol	7.69	139	169402	60.854	ng	90
27) 2,4-Dimethylphenol	7.73	122	229301	39.671	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	333645	41.667	ng	99
29) 2,4-Dichlorophenol	7.94	162	249222	45.190	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	276520	45.687	ng	98
31) Naphthalene	8.09	128	878192	43.609	ng	99
32) Benzoic acid	7.90	122	229039	49.664	ng	94
33) 4-Chloroaniline	8.15	127	376611	43.653	ng	96
34) Hexachlorobutadiene	8.20	225	157393	47.476	ng	97
35) Caprolactam	8.54	113	78060	40.574	ng	# 73
36) 4-Chloro-3-methylphenol	8.65	107	257552	43.553	ng	98
37) 2-Methylnaphthalene	8.78	142	564217	43.315	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	258833	47.630	ng	99
40) Hexachlorocyclopentadiene	8.93	237	128299	42.172	ng	98

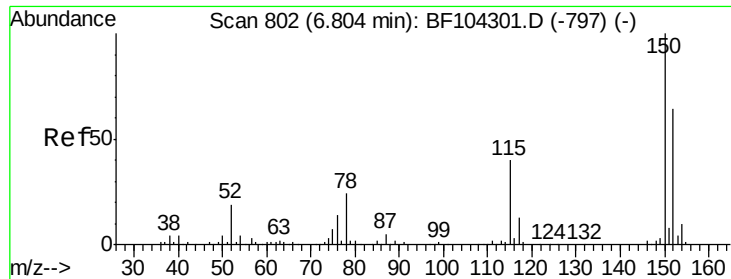
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	168616	44.698	ng	100
43) 2,4,5-Trichlorophenol	9.12	196	190460	45.118	ng	93
45) 1,1'-Biphenyl	9.25	154	699485	43.861	ng	99
46) 2-Chloronaphthalene	9.27	162	563172	44.708	ng	99
47) 2-Nitroaniline	9.39	65	158729	50.954	ng	91
48) Acenaphthylene	9.69	152	819561	41.468	ng	99
49) Dimethylphthalate	9.55	163	650993	43.486	ng	100
50) 2,6-Dinitrotoluene	9.62	165	142733	51.527	ng	99
51) Acenaphthene	9.86	154	493230	40.903	ng	99
52) 3-Nitroaniline	9.80	138	163610	50.452	ng	93
53) 2,4-Dinitrophenol	9.91	184	62628	61.643	ng	# 22
54) Dibenzofuran	10.03	168	676187	40.238	ng	98
55) 4-Nitrophenol	9.99	139	96856	38.021	ng	96
56) 2,4-Dinitrotoluene	10.03	165	172822	47.563	ng	94
57) Fluorene	10.37	166	572584	46.811	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	135075	42.890	ng	95
59) Diethylphthalate	10.25	149	631690	42.369	ng	100
60) 4-Chlorophenyl-phenylether	10.36	204	267325	49.074	ng	98
61) 4-Nitroaniline	10.42	138	157009	49.517	ng	97
62) Azobenzene	10.53	77	551789	38.738	ng	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	104511	59.977	ng	# 78
65) n-Nitrosodiphenylamine	10.49	169	503888	42.084	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	163497	44.511	ng	91
67) Hexachlorobenzene	10.92	284	186855	45.209	ng	95
68) Atrazine	11.02	200	139424	38.577	ng	99
69) Pentachlorophenol	11.13	266	99515	38.919	ng	95
70) Phenanthrene	11.35	178	804641	41.841	ng	98
71) Anthracene	11.40	178	826808	42.295	ng	99
72) Carbazole	11.56	167	793718	41.550	ng	99
73) Di-n-butylphthalate	11.87	149	980516	42.020	ng	99
74) Fluoranthene	12.54	202	832360	41.426	ng	97
76) Benzidine	12.67	184	292327	32.876	ng	98
77) Pyrene	12.77	202	837038	45.382	ng	99
79) Butylbenzylphthalate	13.40	149	401837	46.245	ng	100
80) Benzo(a)anthracene	14.03	228	686153	46.157	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	236170	42.610	ng	98
82) Chrysene	14.07	228	667511	43.716	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	543353	48.615	ng	99
84) Di-n-octyl phthalate	14.70	149	779322	41.730	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.12	276	542037	41.789	ng	95
87) Benzo(b)fluoranthene	15.19	252	568933	43.701	ng	100
88) Benzo(k)fluoranthene	15.22	252	551445	44.866	ng	98
89) Benzo(a)pyrene	15.56	252	510041	43.786	ng	98
90) Dibenzo(a,h)anthracene	17.13	278	450843	47.125	ng	# 94
91) Benzo(g,h,i)perylene	17.57	276	440630	47.539	ng	95

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

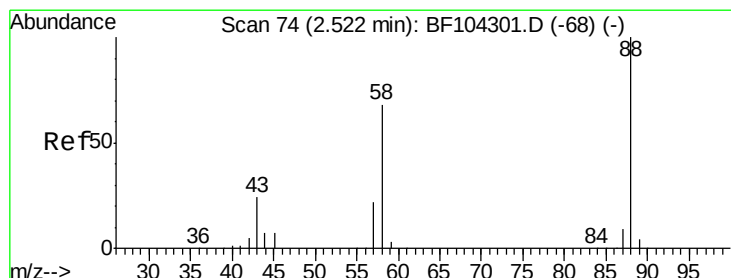
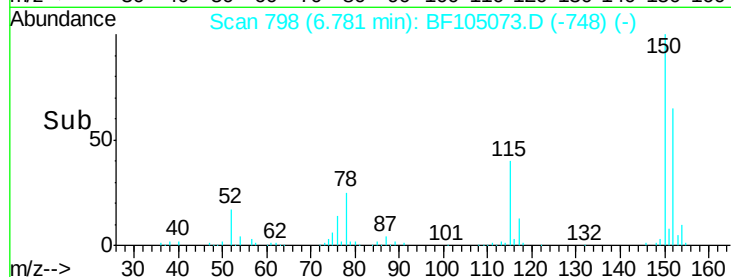
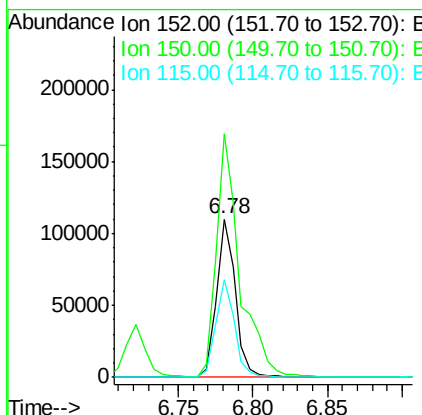
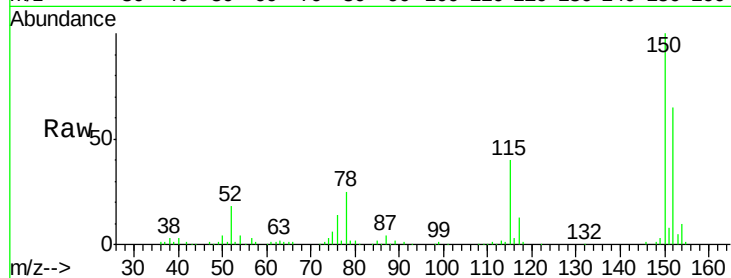


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

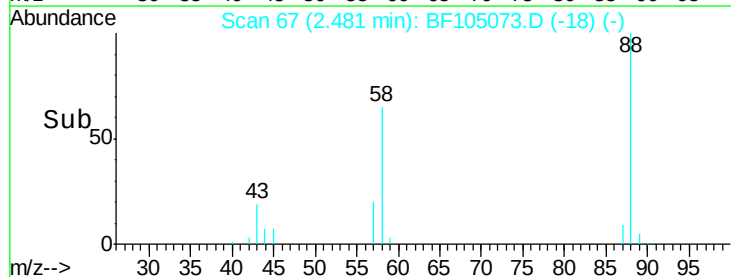
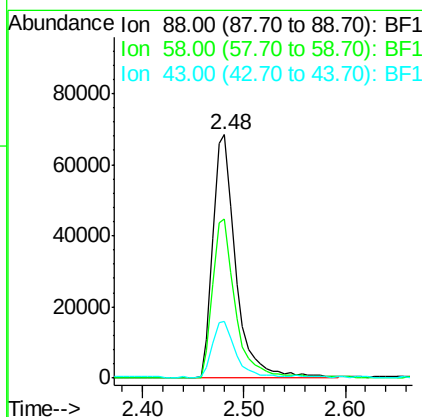
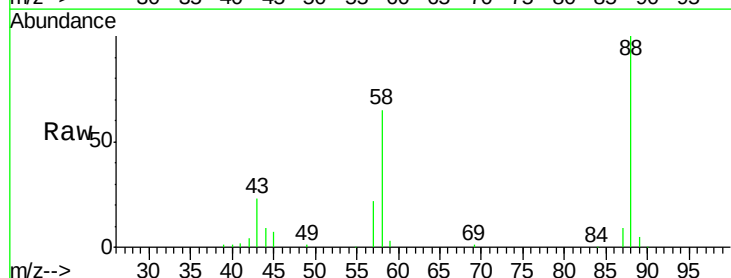
Tot Ion:152 Resp: 97113
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 61.7 50.1 75.1

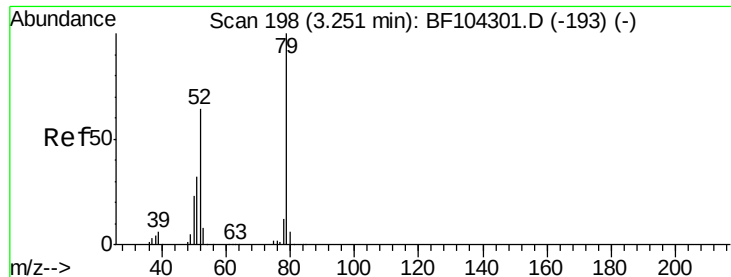


#2

1,4-Dioxane
Concen: 36.652 ng
RT: 2.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion: 88 Resp: 108467
Ion Ratio Lower Upper
88 100
58 64.7 62.6 93.8
43 23.7 24.6 37.0#





#3

Pvridine

Concen: 34.196 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

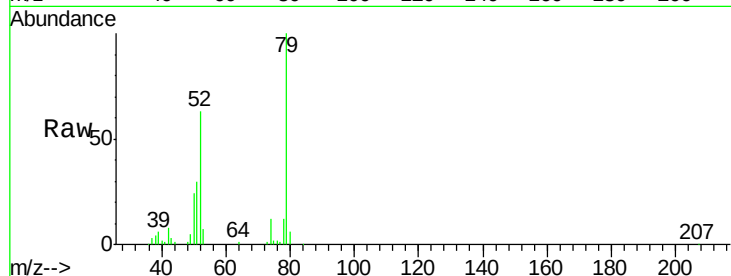
Tot Ion: 79 Resp: 284528

Ion Ratio Lower Upper

79 100

52 63.0 59.8 89.6

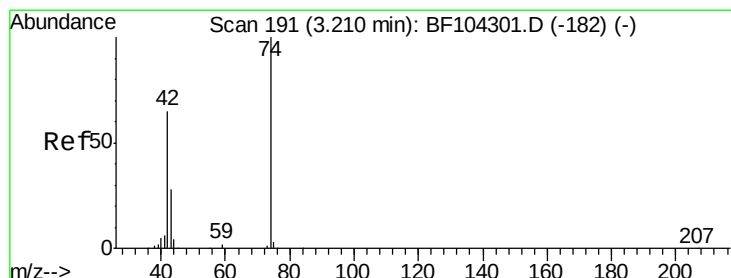
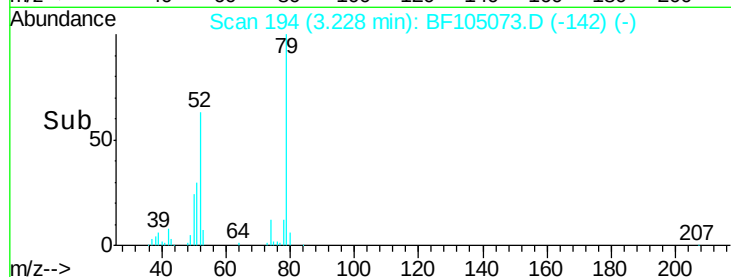
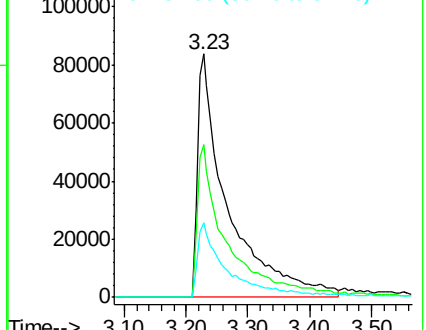
51 30.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 31.587 ng

RT: 3.20 min Scan# 189

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

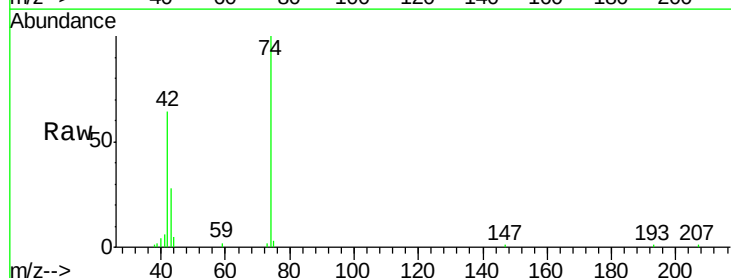
Tgt Ion: 42 Resp: 91872

Ion Ratio Lower Upper

42 100

74 155.4 104.9 157.3

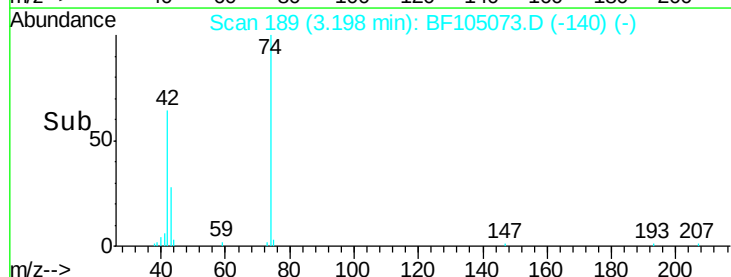
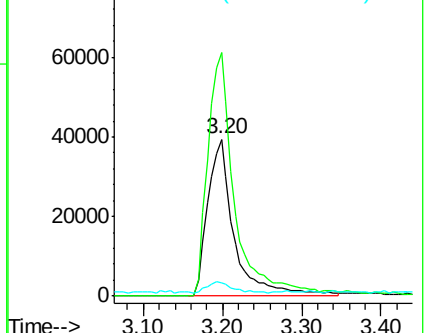
44 8.2 6.9 10.3

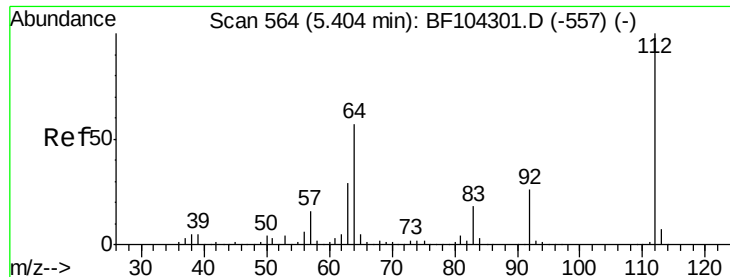


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 86.141 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

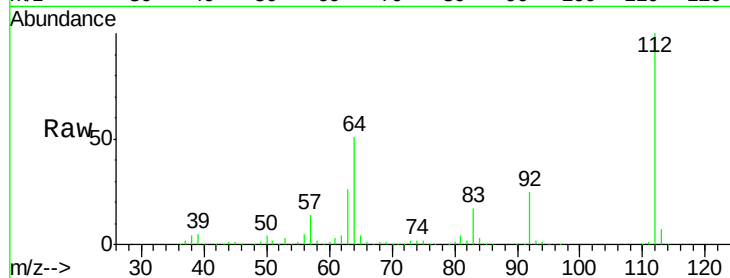
Tot Ion: 112 Resp: 547095

Ion Ratio Lower Upper

112 100

64 51.2 47.9 71.9

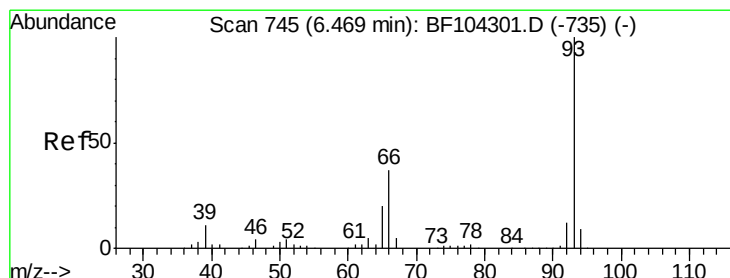
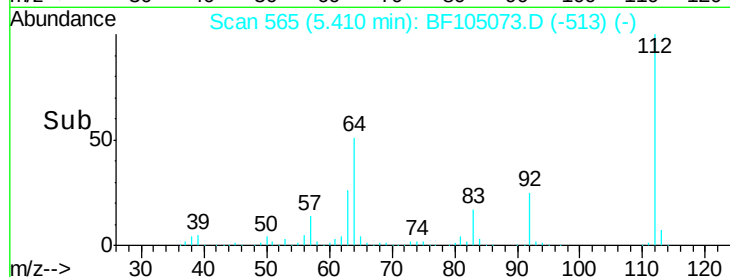
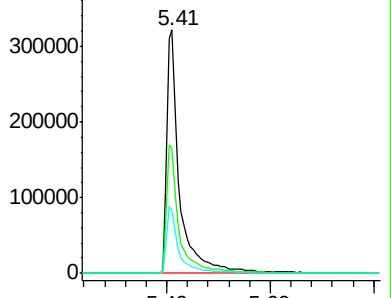
63 25.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.065 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

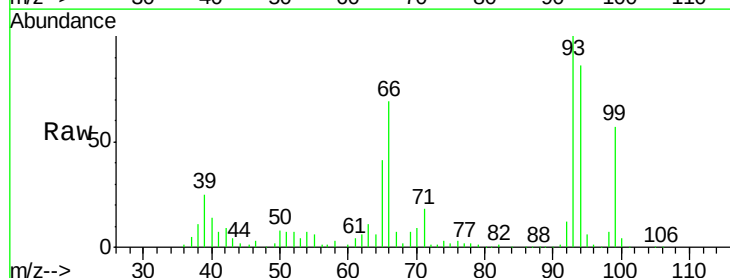
Tgt Ion: 93 Resp: 401847

Ion Ratio Lower Upper

93 100

66 68.6 32.2 48.2#

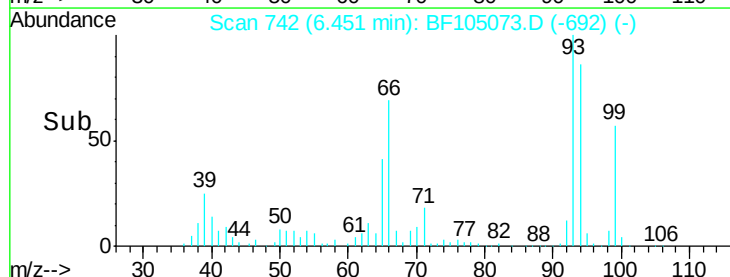
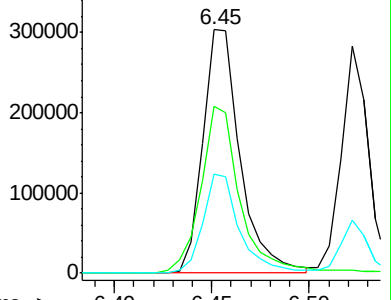
65 40.7 16.4 24.6#

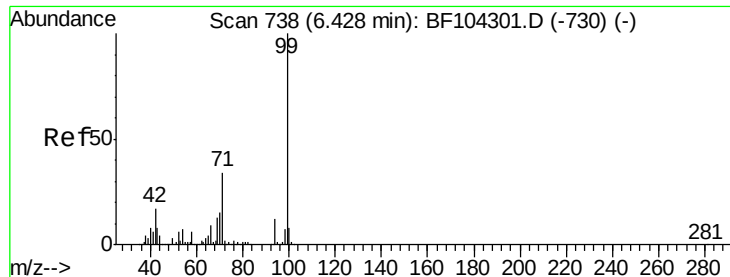


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.826 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

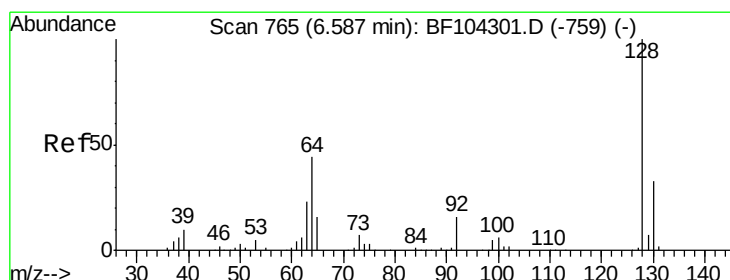
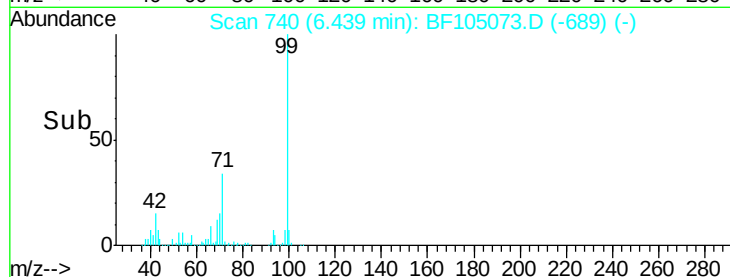
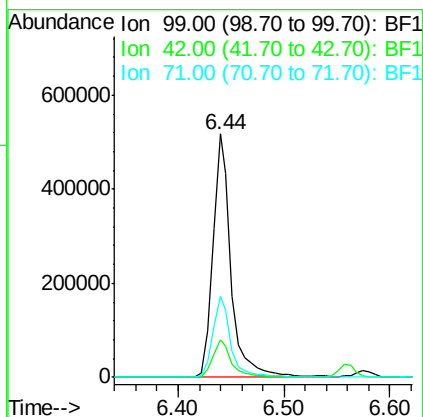
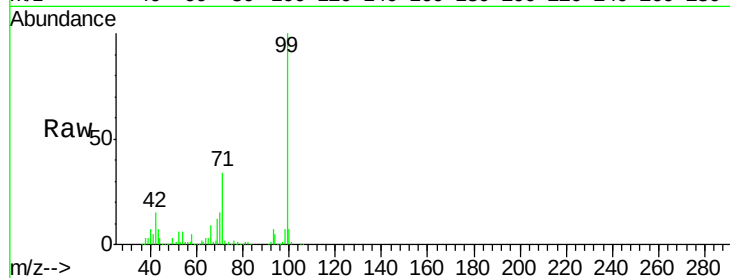
Tot Ion: 99 Resp: 630730

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

71 33.5 25.4 38.0



#8

2-Chlorophenol

Concen: 43.577 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

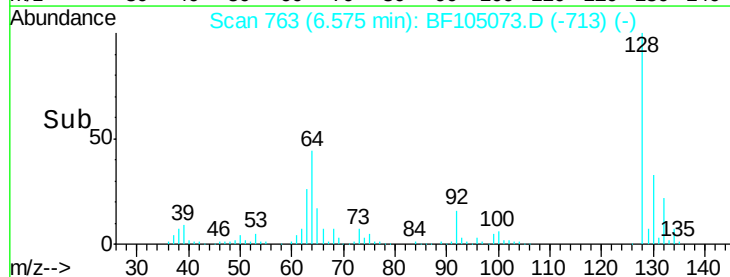
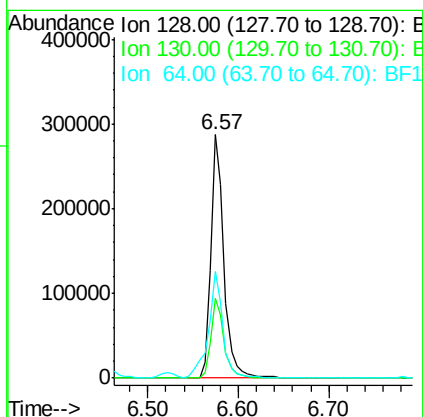
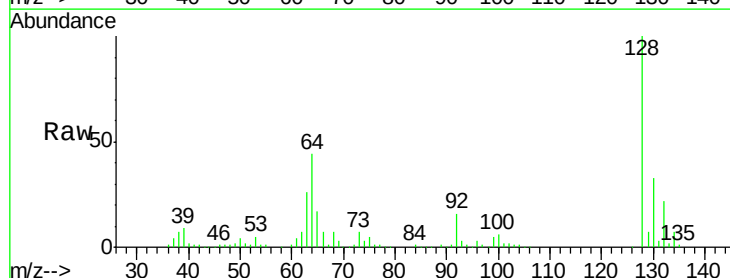
Tgt Ion: 128 Resp: 292116

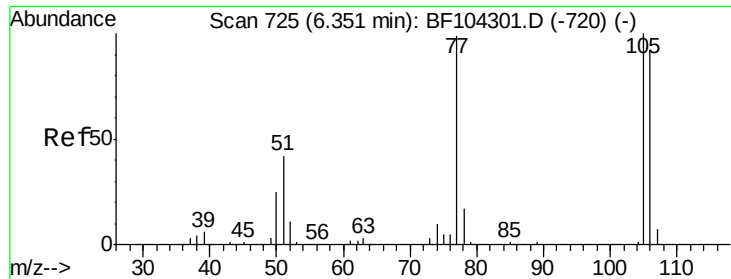
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 43.6 29.4 69.4

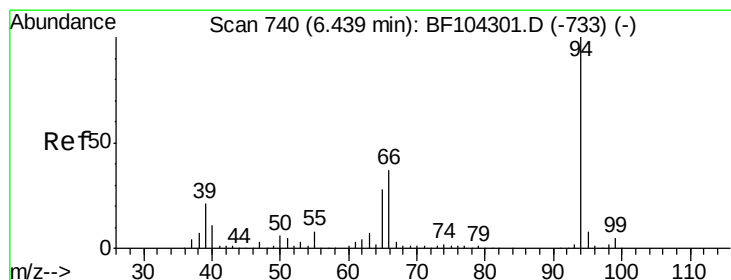
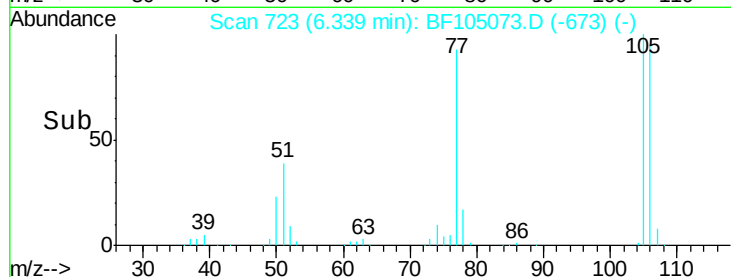
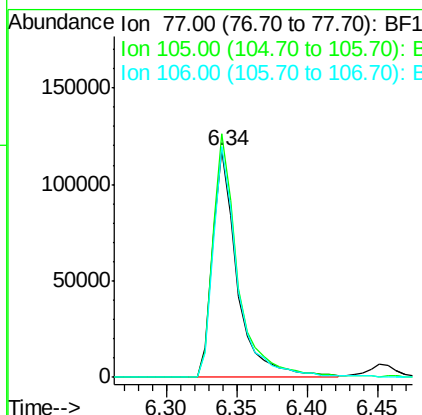
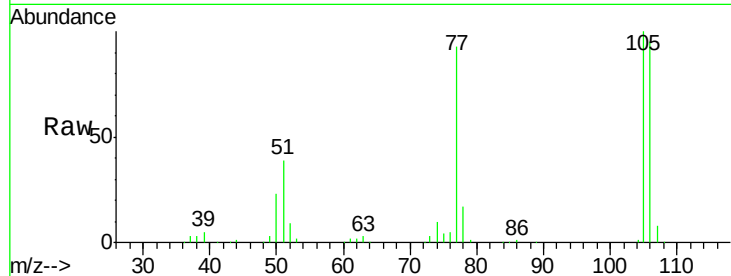




#9
Benzaldehyde
Concen: 34.903 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

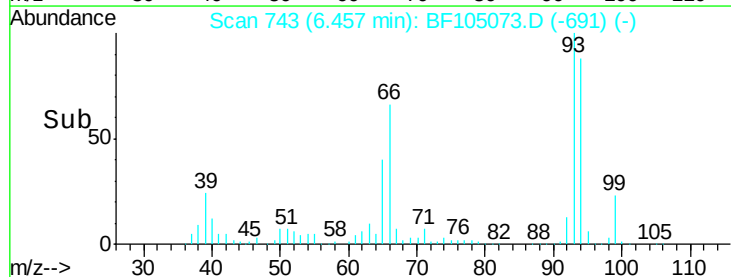
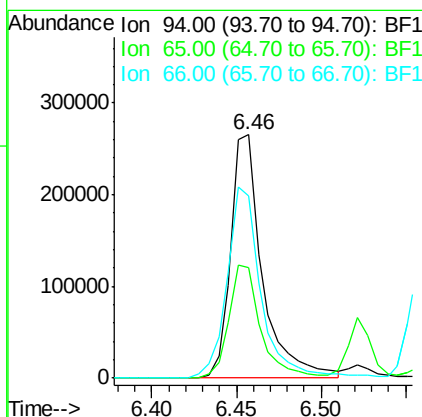
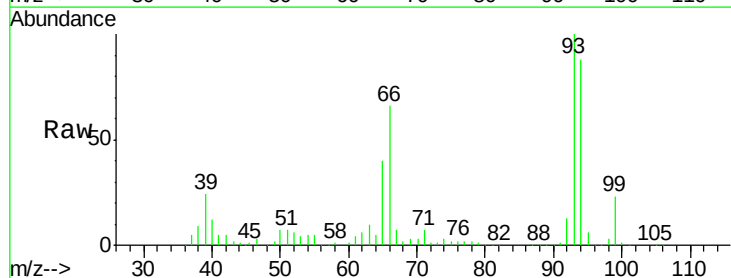
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

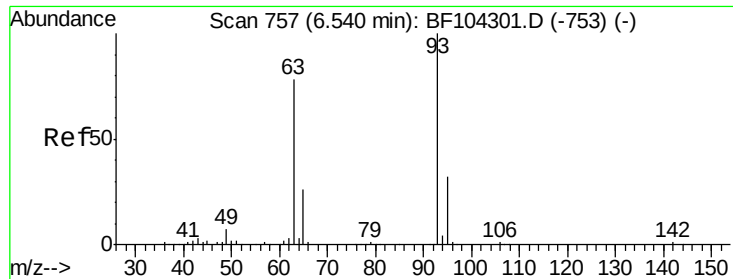
Tot Ion: 77 Resp: 143701
Ion Ratio Lower Upper
77 100
105 107.3 81.1 121.1
106 101.6 74.5 114.5



#10
Phenol
Concen: 41.883 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion: 94 Resp: 346782
Ion Ratio Lower Upper
94 100
65 45.6 7.9 47.9
66 75.0 16.2 56.2#





#11

bis(2-Chloroethyl)ether

Concen: 42.102 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

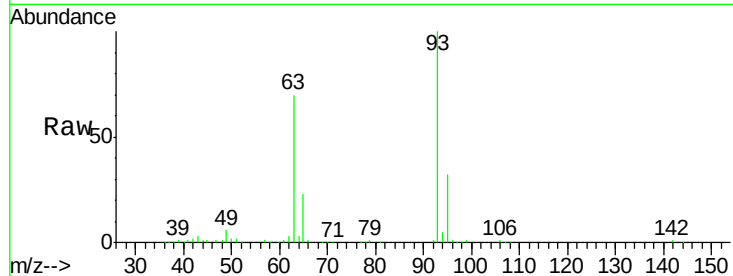
Tot Ion: 93 Resp: 278184

Ion Ratio Lower Upper

93 100

63 69.8 58.6 98.6

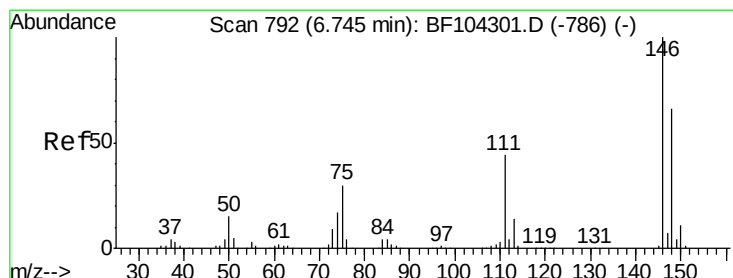
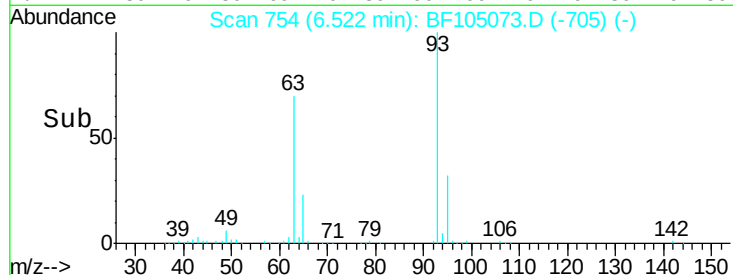
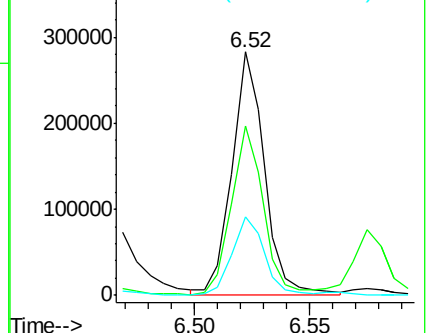
95 32.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.693 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

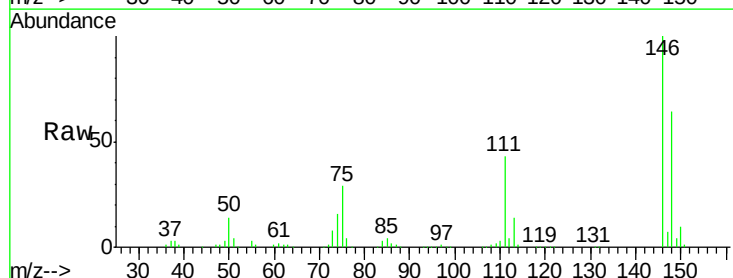
Tgt Ion: 146 Resp: 331814

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

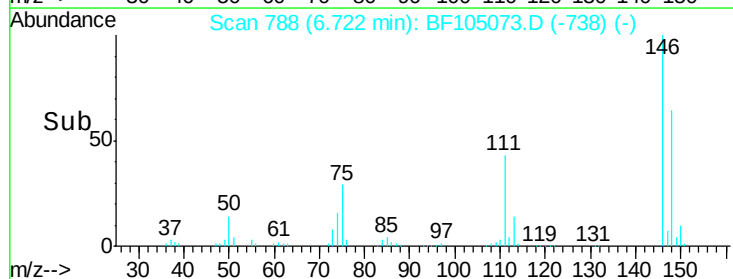
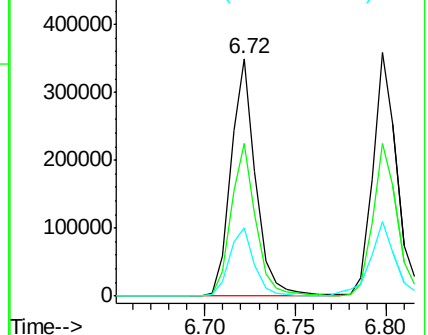
75 28.9 24.2 36.4

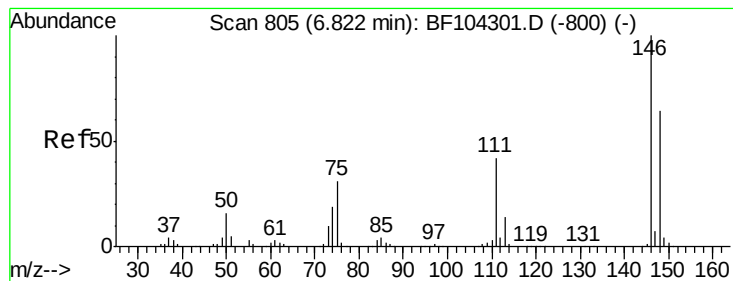


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 44.599 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

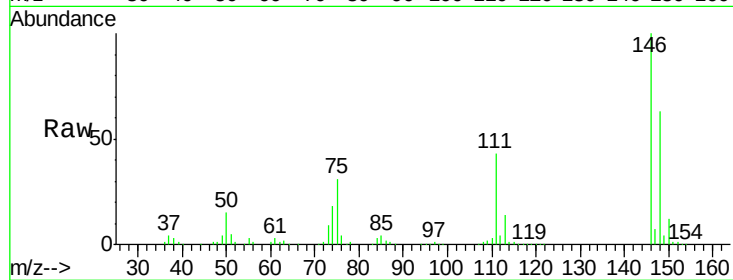
Tot Ion:146 Resp: 337623

Ion Ratio Lower Upper

146 100

148 62.6 50.8 76.2

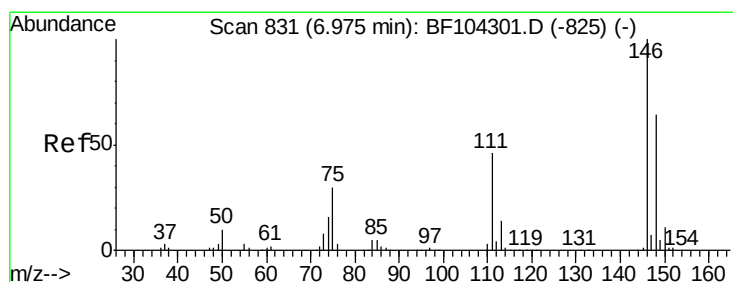
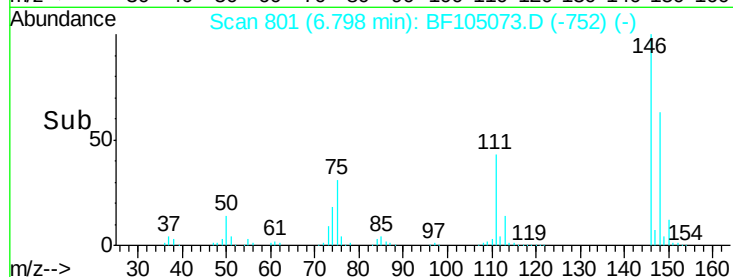
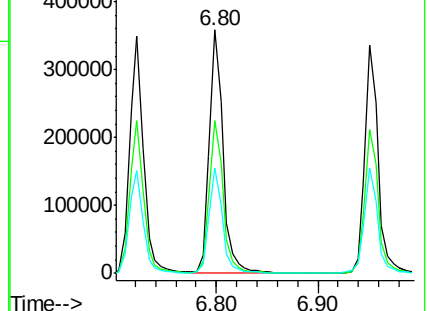
111 43.4 34.2 51.2



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: 43.968 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

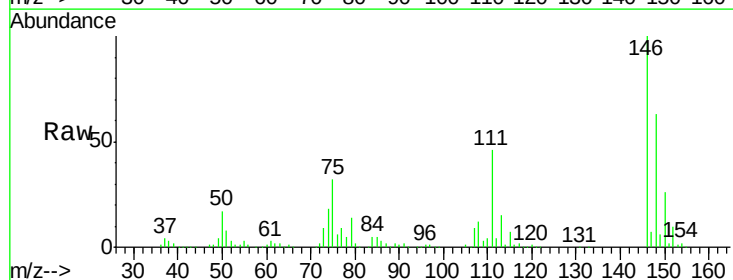
Tgt Ion:146 Resp: 308451

Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

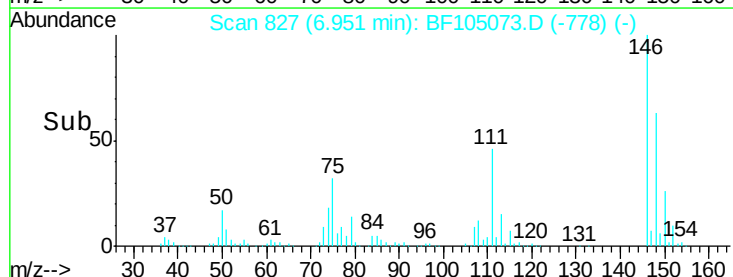
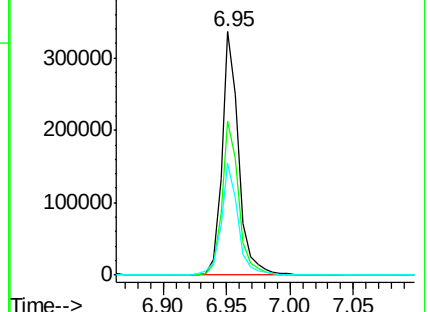
111 46.0 36.0 54.0

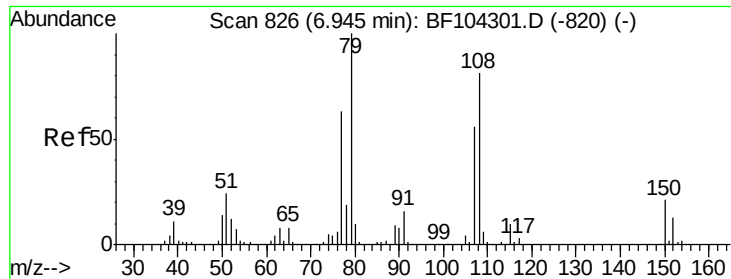


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

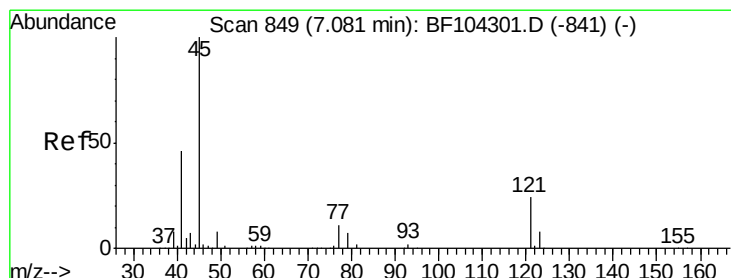
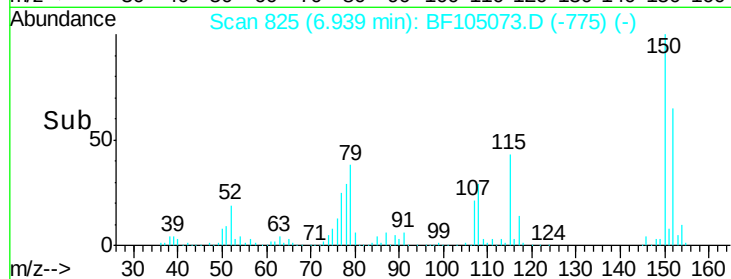
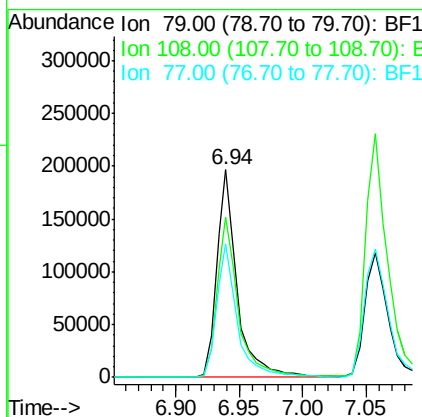
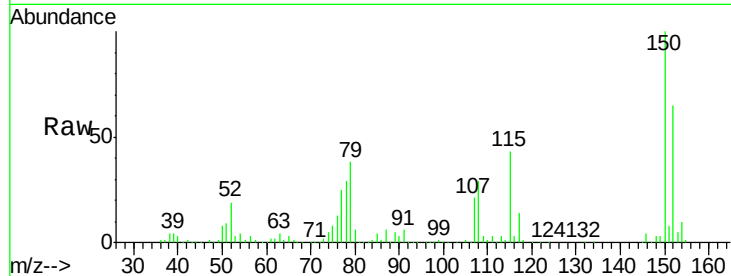




#15
Benzyl Alcohol
Concen: 37.718 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

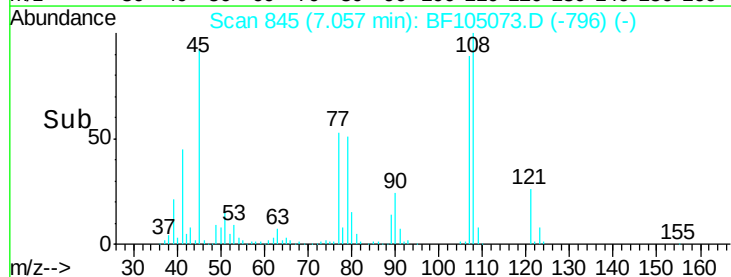
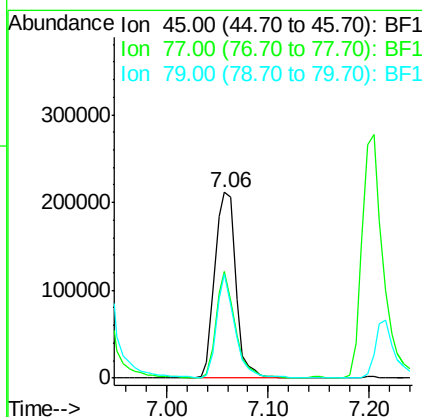
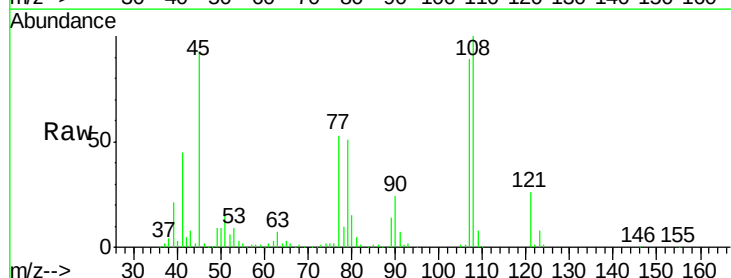
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

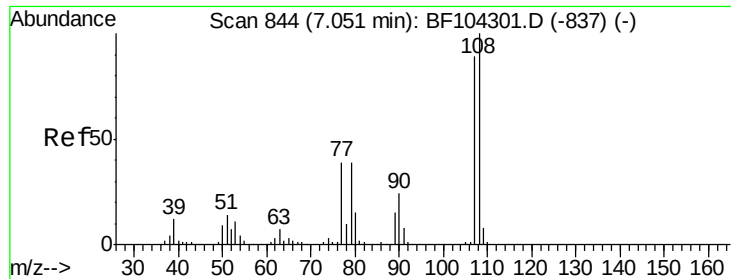
Tot Ion: 79 Resp: 223554
Ion Ratio Lower Upper
79 100
108 77.4 65.1 97.7
77 64.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.673 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion: 45 Resp: 307666
Ion Ratio Lower Upper
45 100
77 57.8 0.0 32.9#
79 55.8 0.0 29.6#

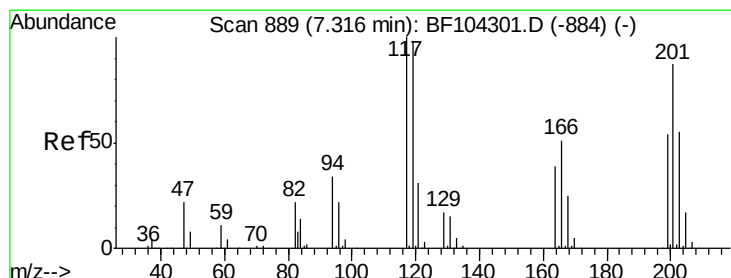
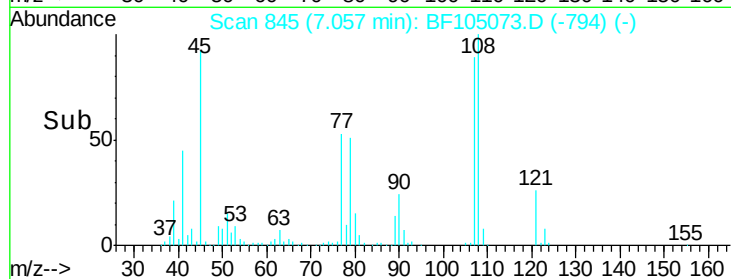
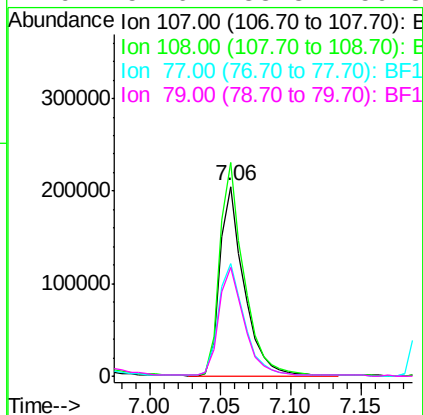
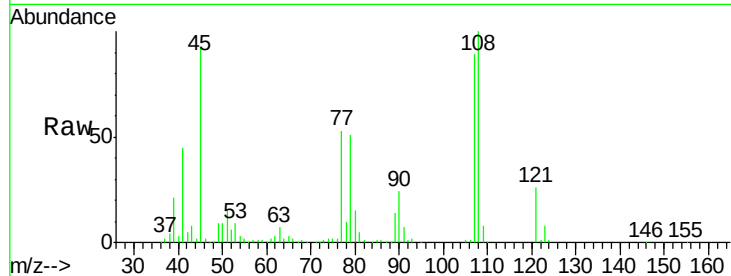




#17
2-Methylphenol
Concen: 41.857 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

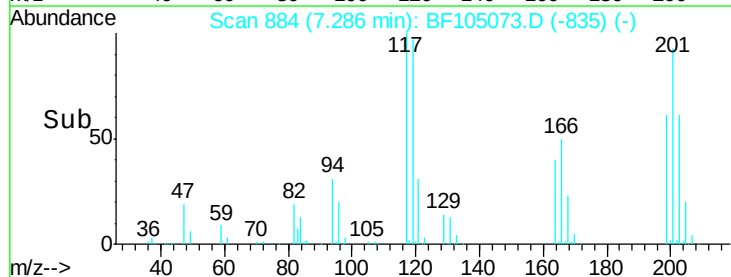
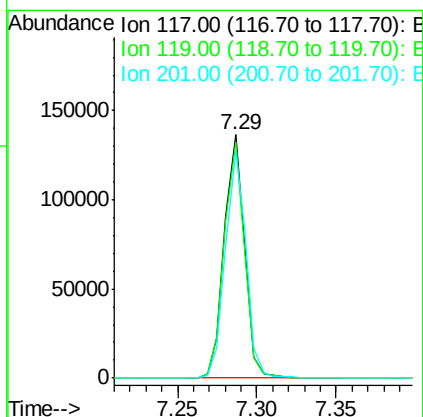
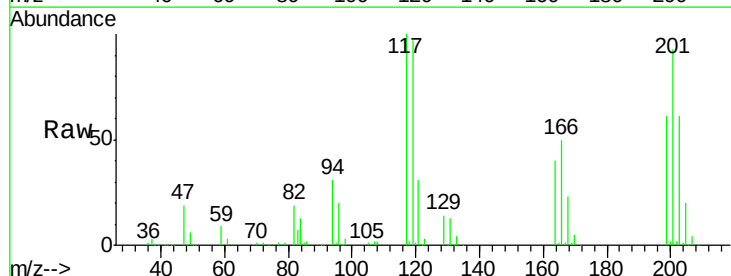
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

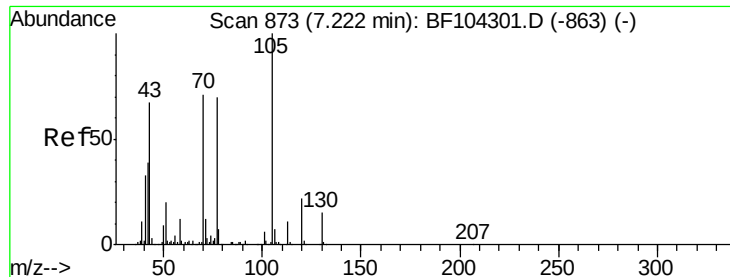
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.7	137.5
77	59.6	33.8	50.8#
79	57.6	33.8	50.8#



#18
Hexachloroethane
Concen: 45.092 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	93.2	75.7	113.5

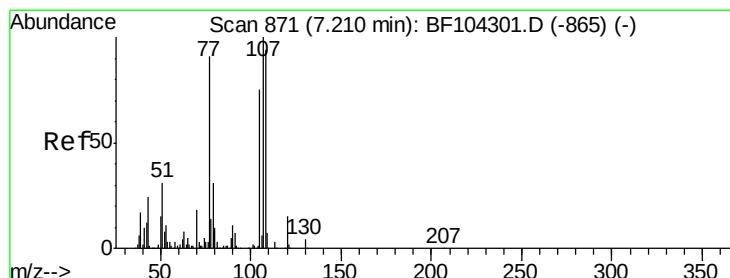
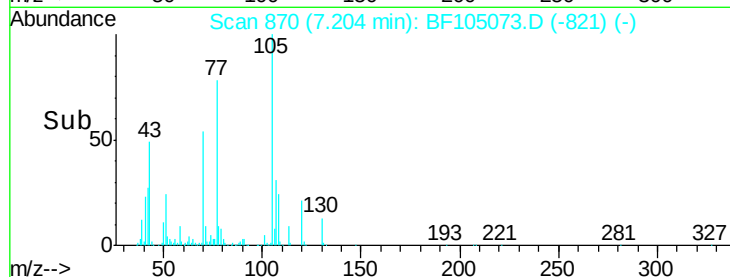
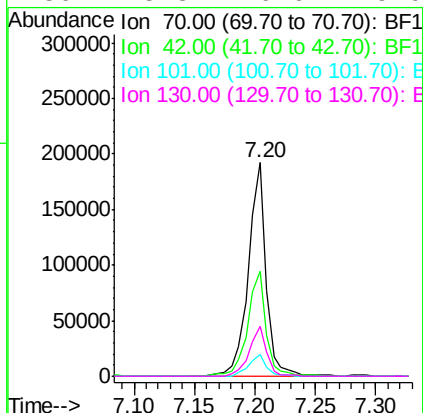
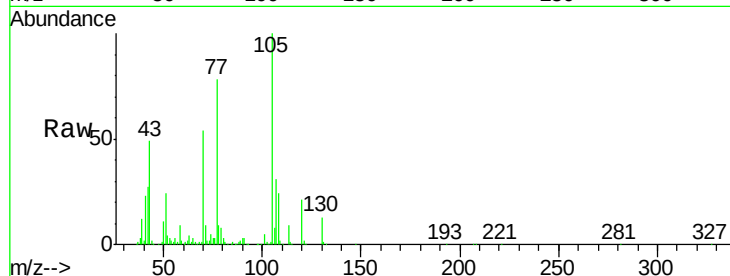




#19
n-Nitroso-di-n-propylamine
Concen: 39.090 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

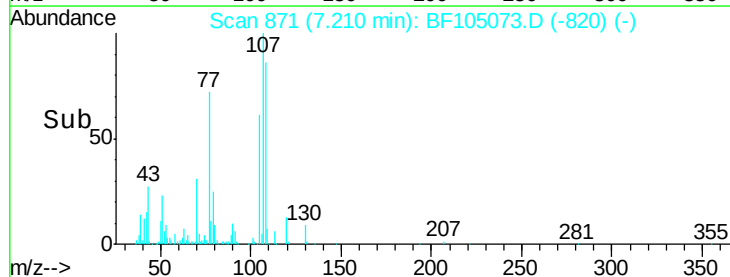
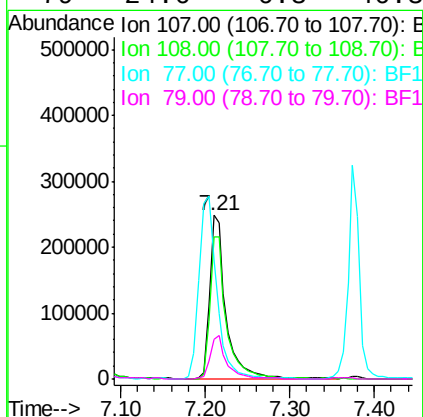
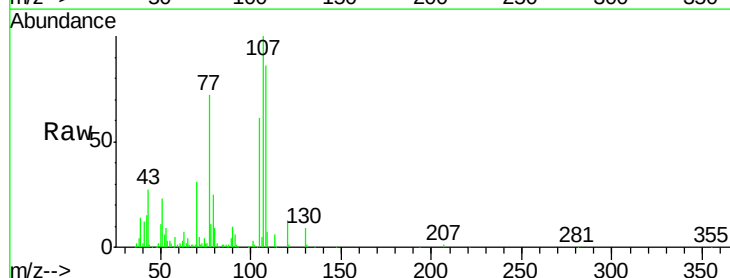
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

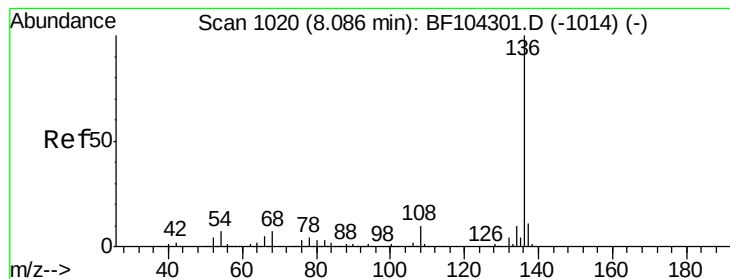
Tot Ion:	70	Resp:	199329
Ion	Ratio	Lower	Upper
70	100		
42	49.5	47.5	71.3
101	10.0	7.4	11.2
130	23.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 46.403 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:	107	Resp:	335345
Ion	Ratio	Lower	Upper
107	100		
108	86.5	68.2	108.2
77	72.3	26.7	66.7#
79	24.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 404415

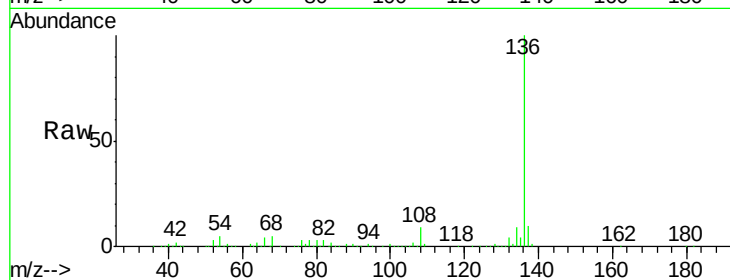
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 5.4 6.6 9.8#

68 5.2 5.0 7.4

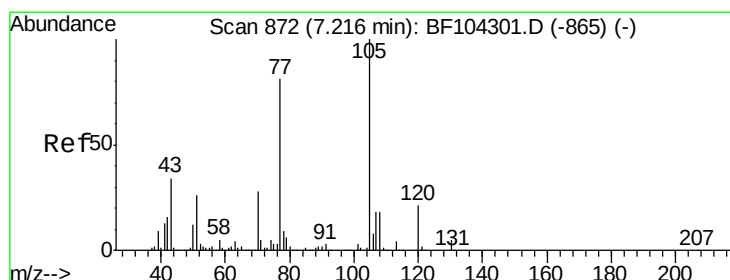
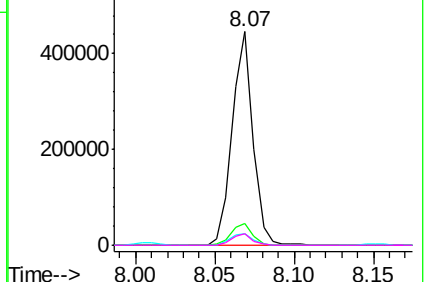
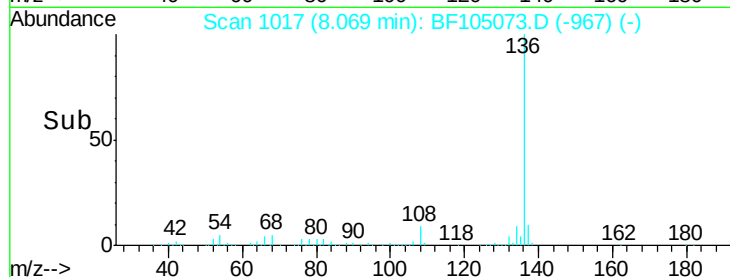


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.249 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Tgt Ion:105 Resp: 430606

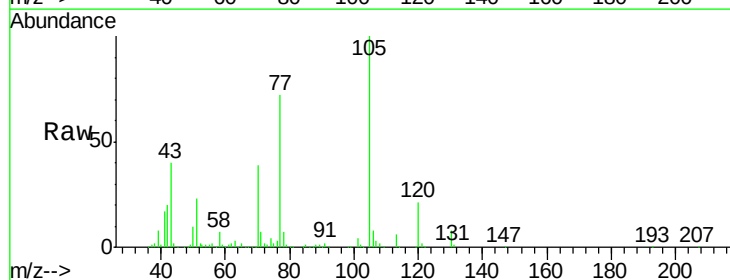
Ion Ratio Lower Upper

105 100

71 6.6 4.4 6.6

51 22.8 22.3 33.5

120 21.0 16.9 25.3

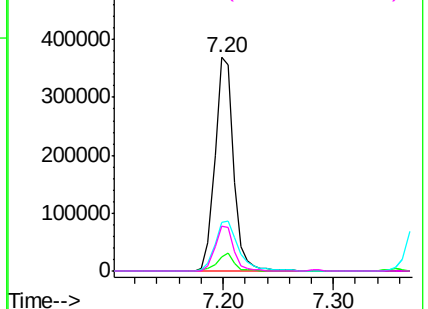
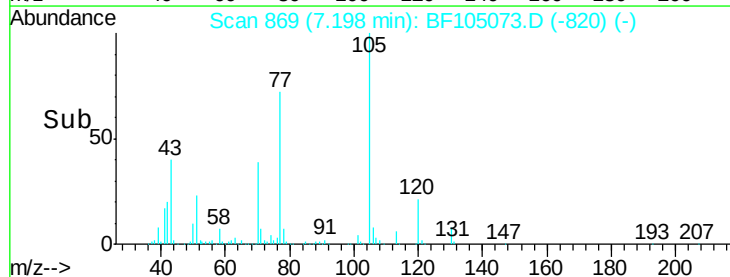


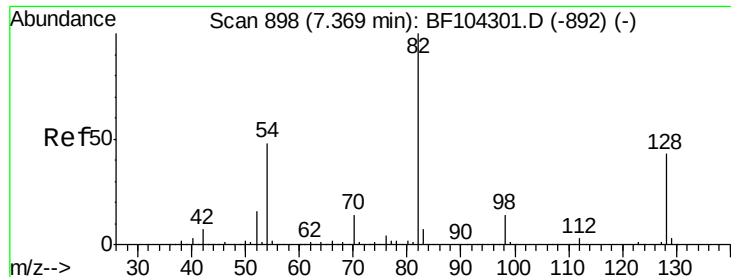
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

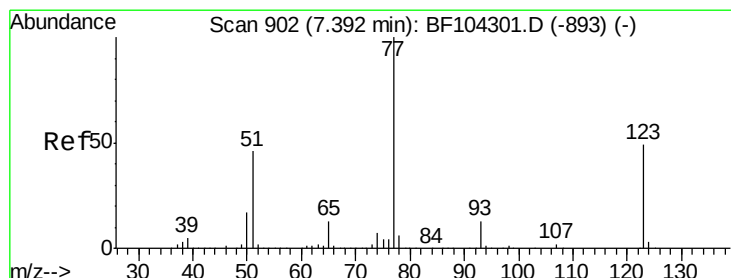
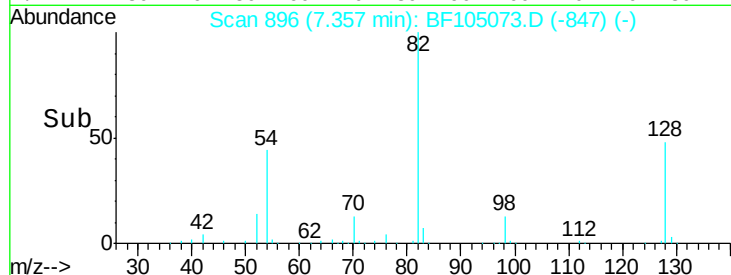
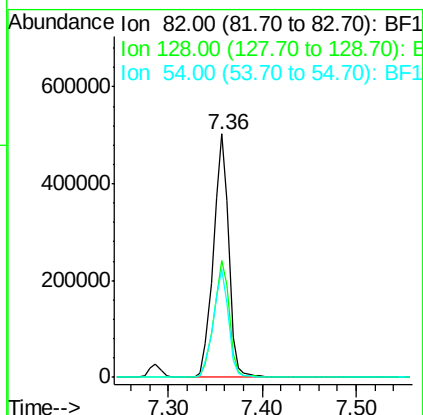
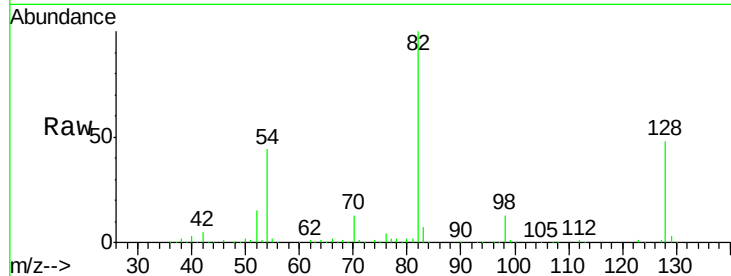




#23
Nitrobenzene-d5
Concen: 93.886 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

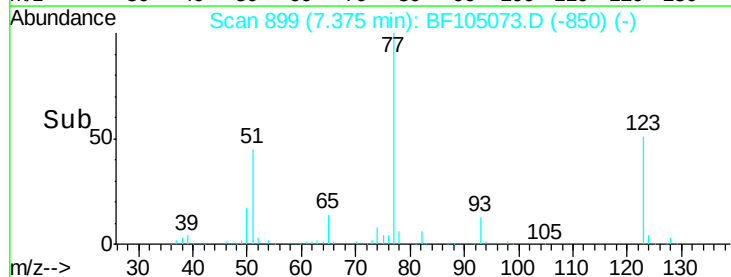
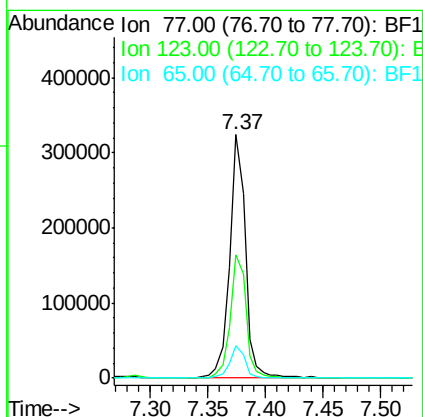
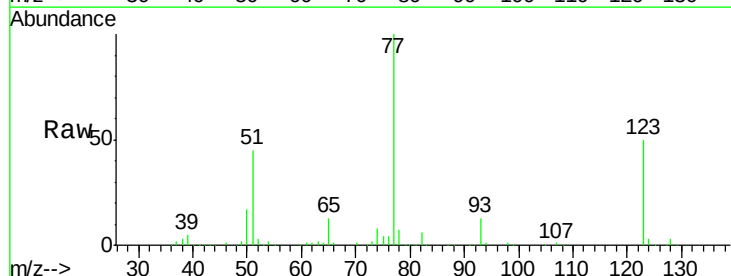
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

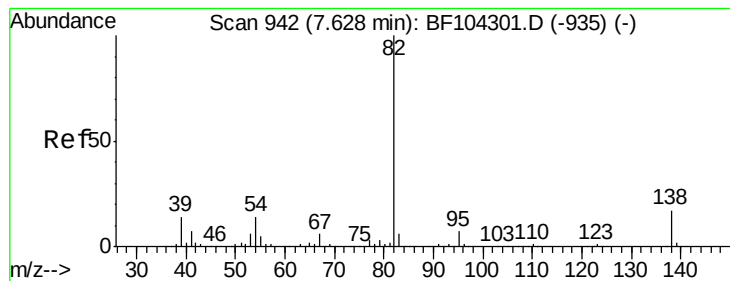
Tot Ion: 82 Resp: 581468
Ion Ratio Lower Upper
82 100
128 47.9 36.1 54.1
54 44.2 41.4 62.2



#24
Nitrobenzene
Concen: 44.301 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion: 77 Resp: 302927
Ion Ratio Lower Upper
77 100
123 50.4 37.9 56.9
65 13.3 11.0 16.4





#25

Isophorone

Concen: 40.442 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

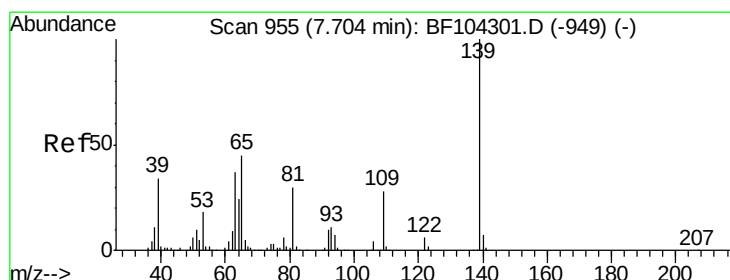
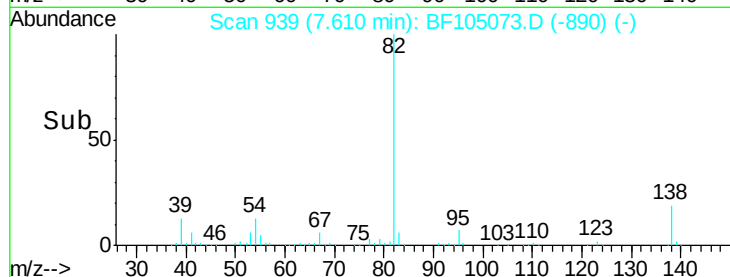
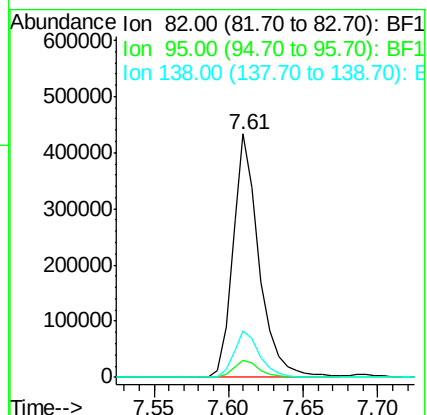
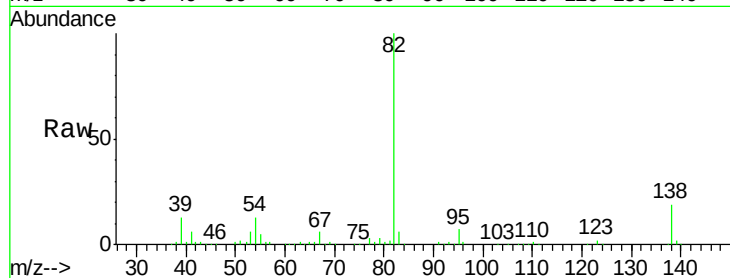
Tot Ion: 82 Resp: 529660

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 60.854 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

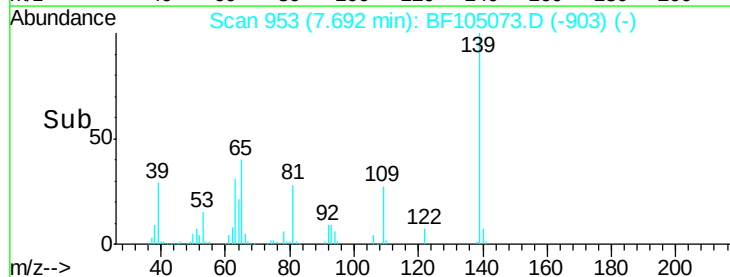
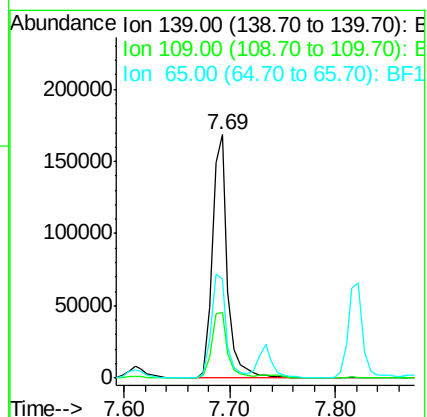
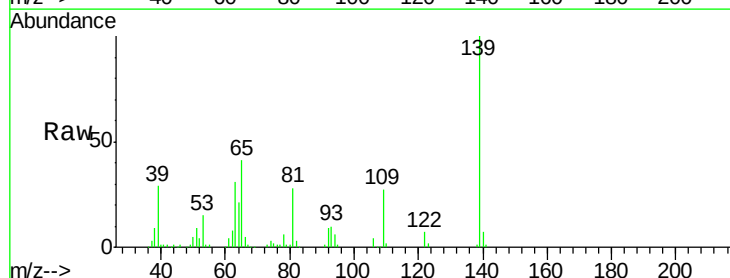
Tgt Ion: 139 Resp: 169402

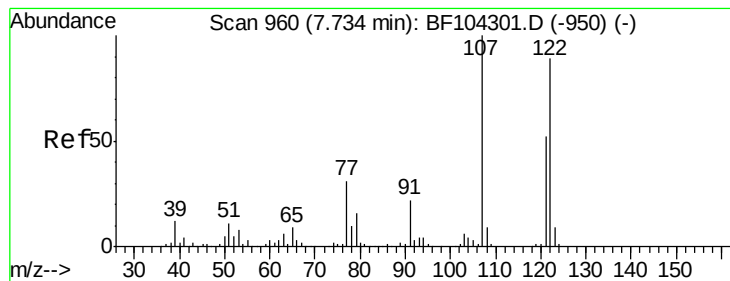
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 40.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.671 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

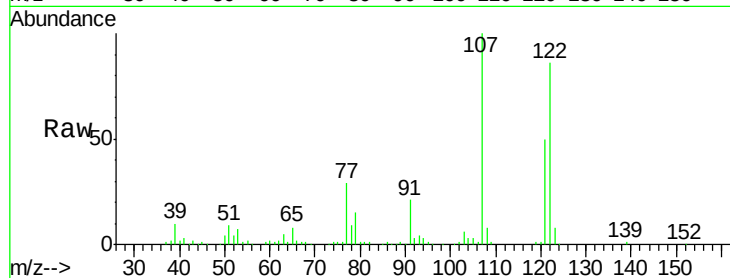
Tot Ion:122 Resp: 229301

Ion Ratio Lower Upper

122 100

107 116.0 91.2 136.8

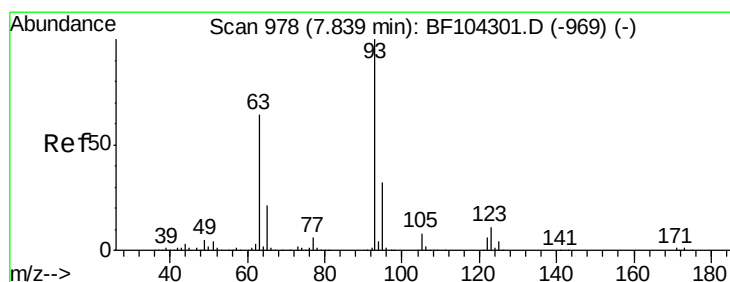
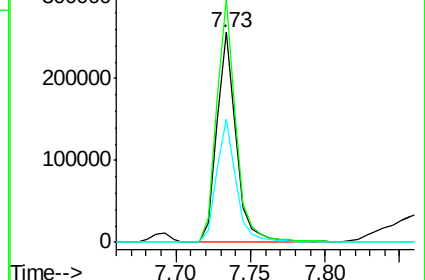
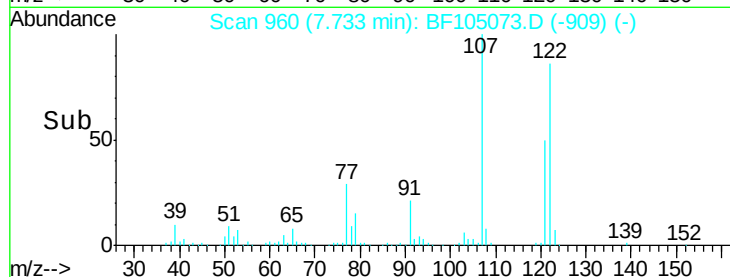
121 58.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.667 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

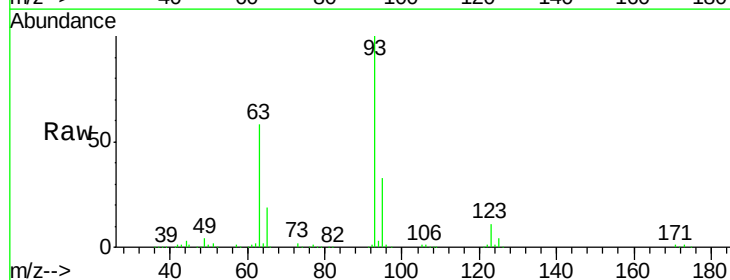
Tgt Ion: 93 Resp: 333645

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

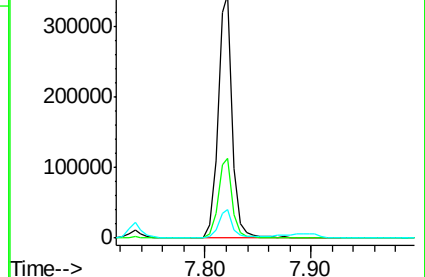
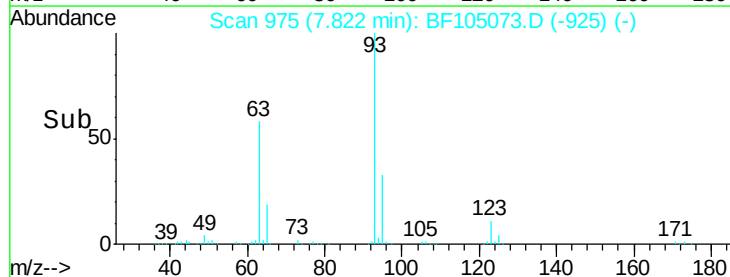
123 11.5 9.8 14.6

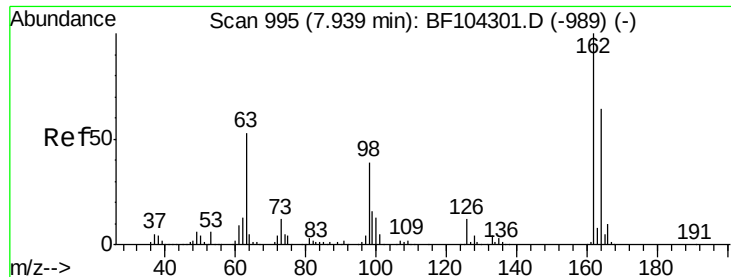


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

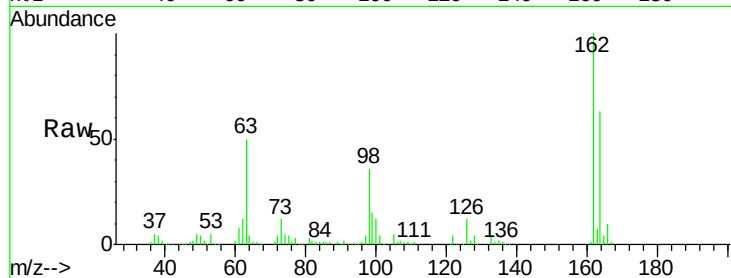




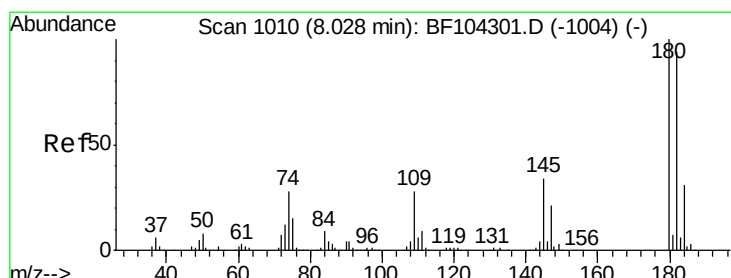
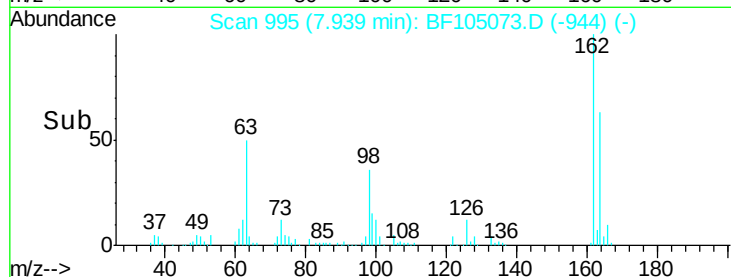
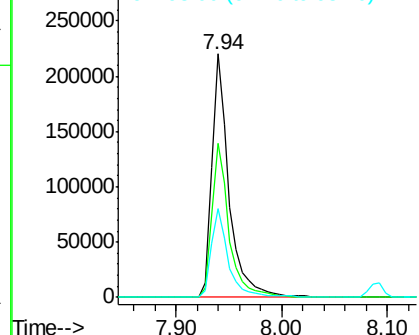
#29
 2,4-Dichlorophenol
 Concen: 45.190 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.7	82.7
98	36.4	18.1	58.1

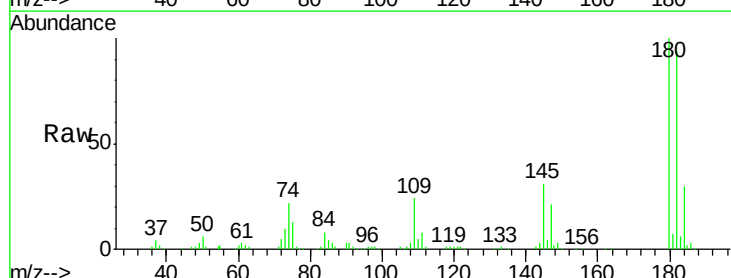


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

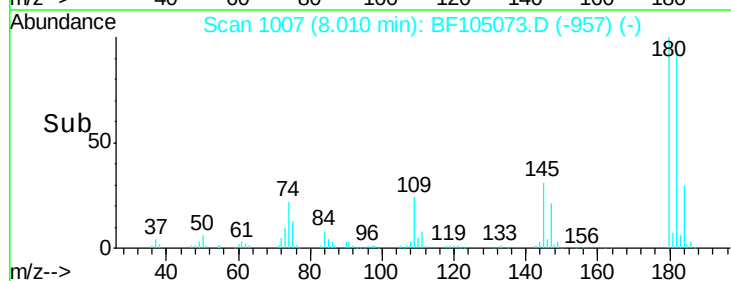
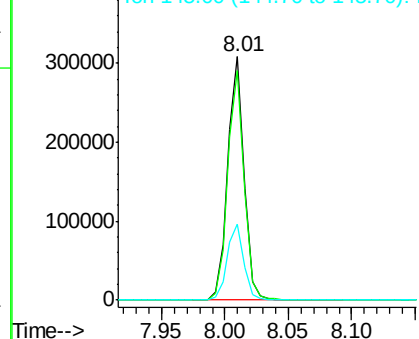


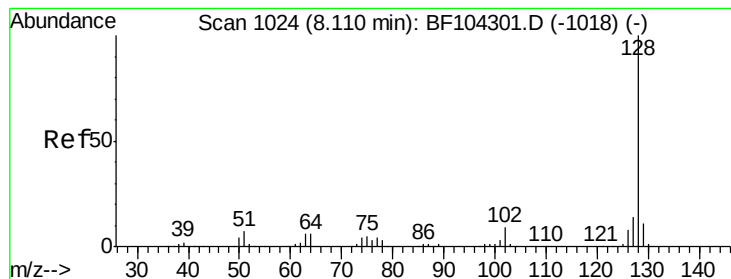
#30
 1,2,4-Trichlorobenzene
 Concen: 45.687 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	31.4	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: 43.609 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

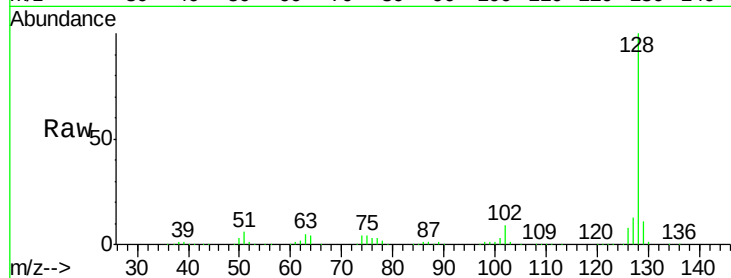
Tot Ion:128 Resp: 878192

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

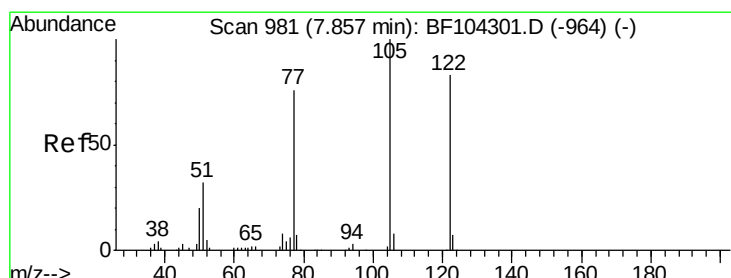
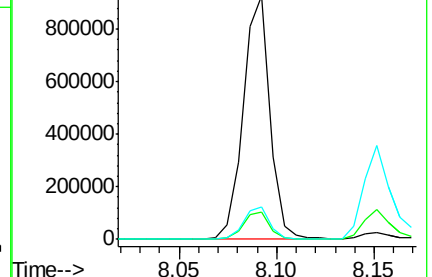
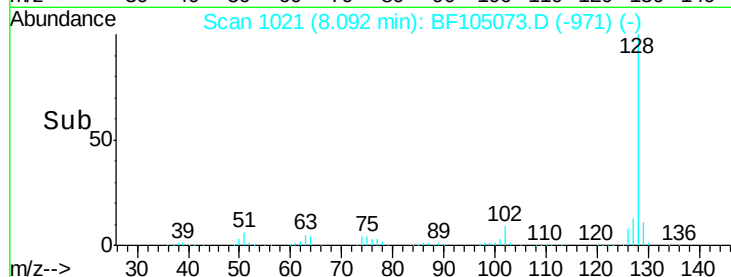
127 13.5 10.9 16.3



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: 49.664 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

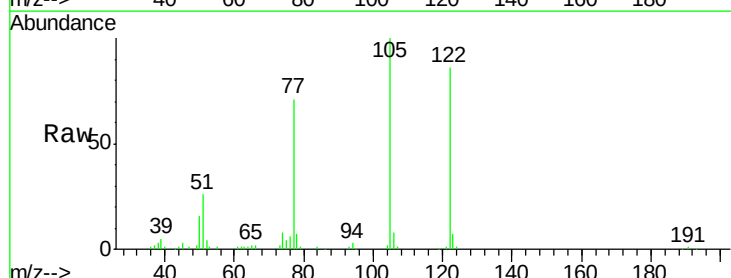
Tgt Ion:122 Resp: 229039

Ion Ratio Lower Upper

122 100

105 116.4 101.1 141.1

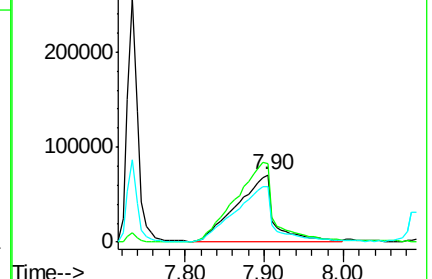
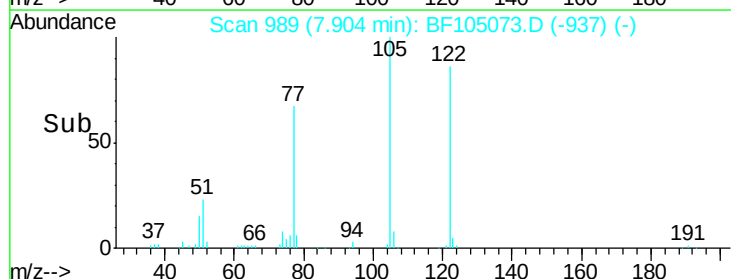
77 82.7 70.7 110.7

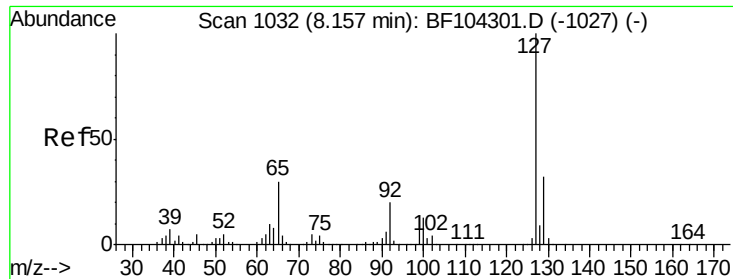


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

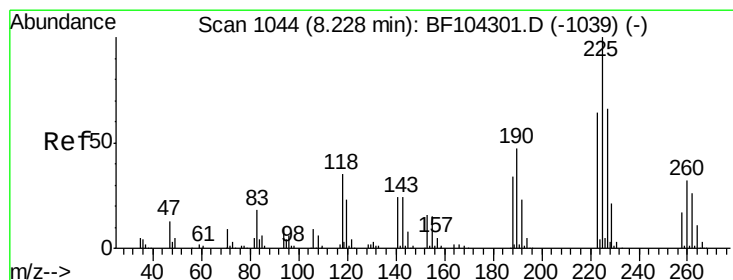
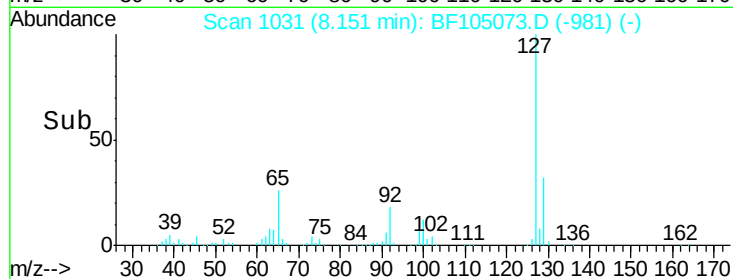
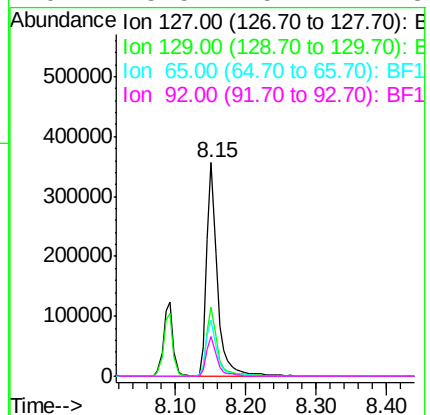
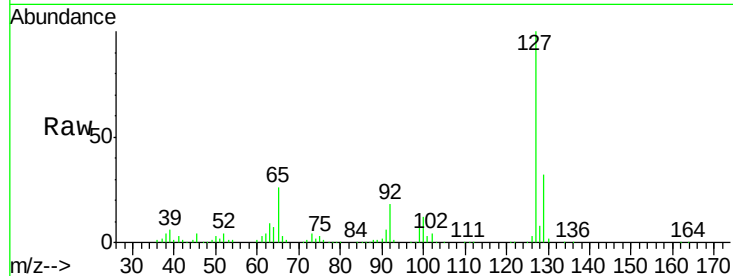




#33
4-Chloroaniline
Concen: 43.653 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

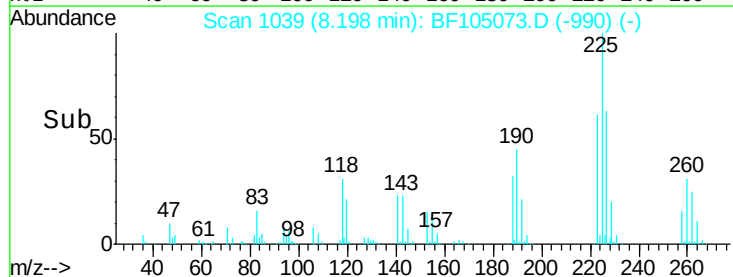
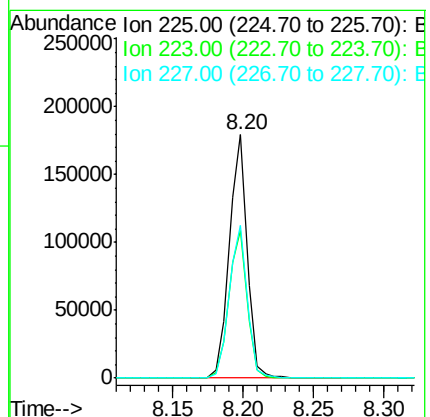
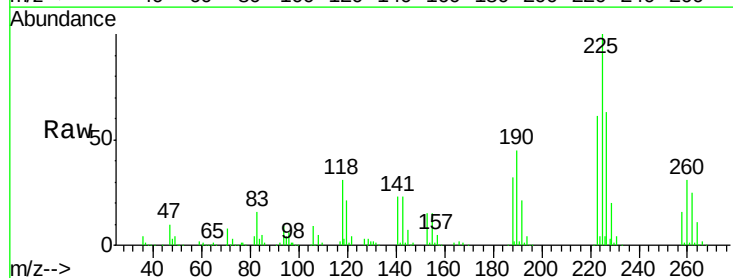
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

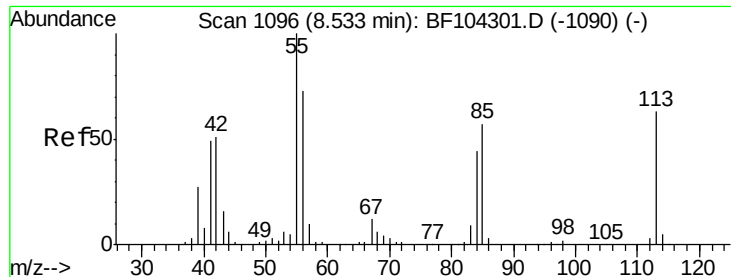
Tot Ion:	127	Resp:	376611
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	26.2	25.0	37.4
92	18.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 47.476 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:	225	Resp:	157393
Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.6	76.0
227	62.9	51.9	77.9

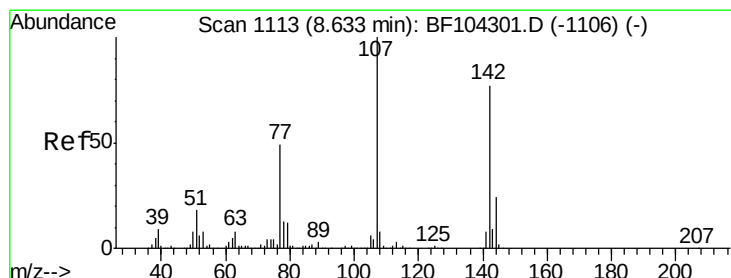
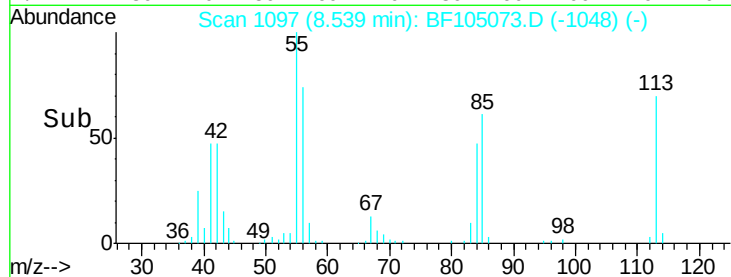
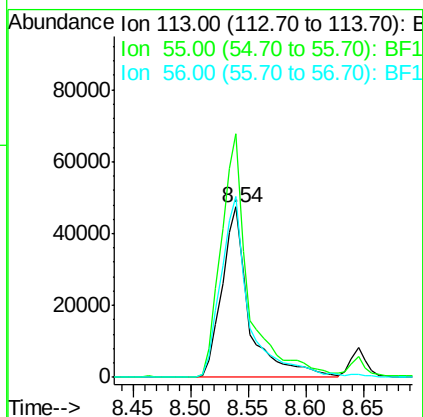
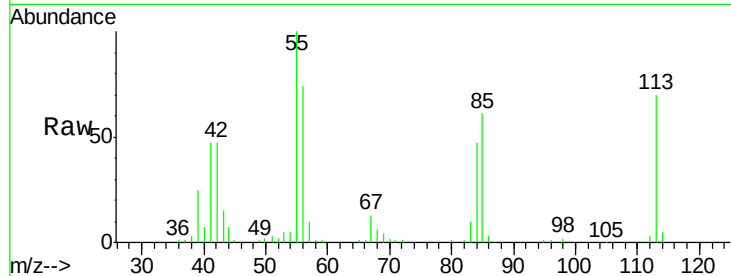




#35
 Caprolactam
 Concen: 40.574 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

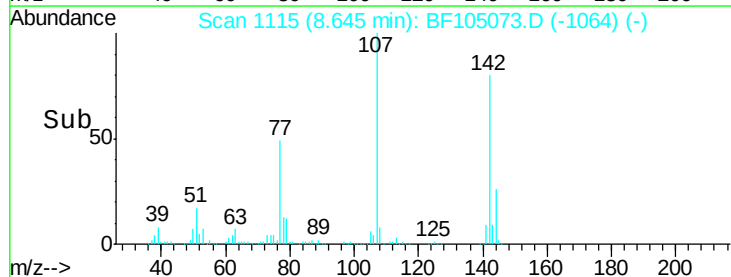
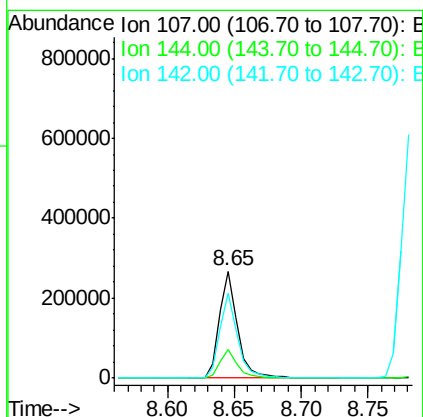
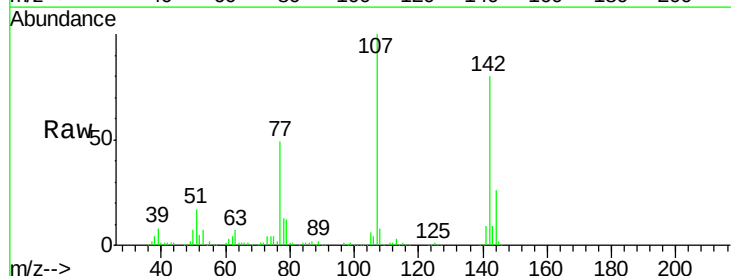
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

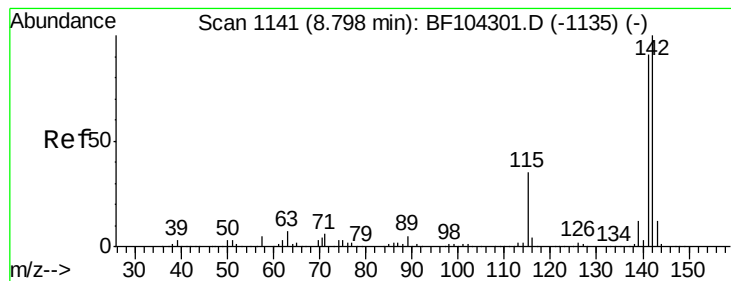
Tot Ion:113 Resp: 78060
 Ion Ratio Lower Upper
 113 100
 55 143.2 163.3 203.3#
 56 106.1 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 43.553 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion:107 Resp: 257552
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 79.9 62.0 93.0





#37

2-Methylnaphthalene

Concen: 43.315 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

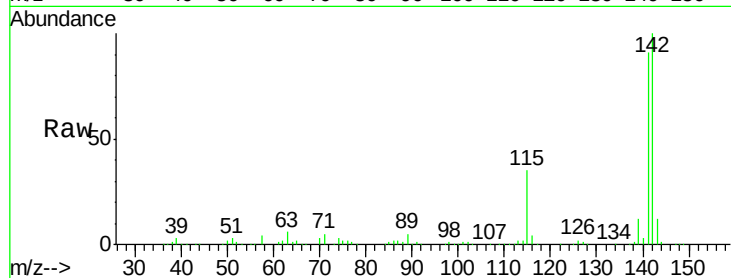
Tot Ion:142 Resp: 564217

Ion Ratio Lower Upper

142 100

141 90.6 70.8 106.2

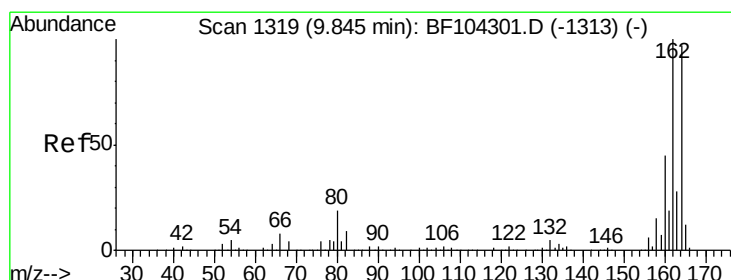
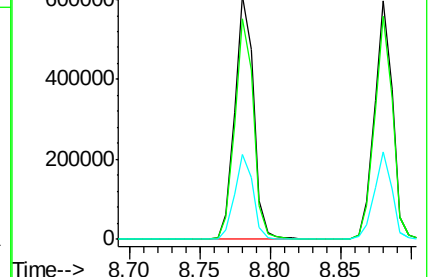
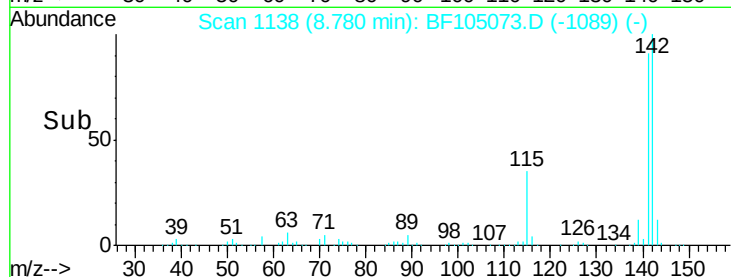
115 34.7 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

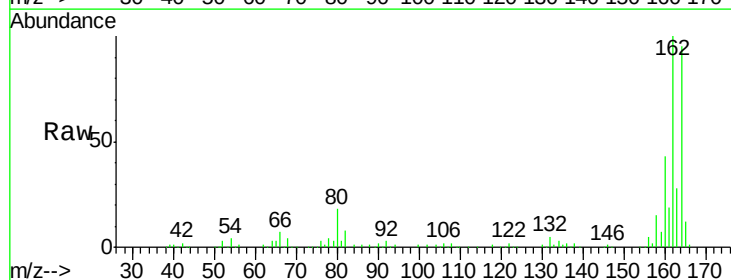
Tgt Ion:164 Resp: 189837

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

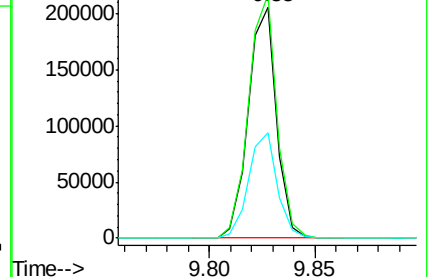
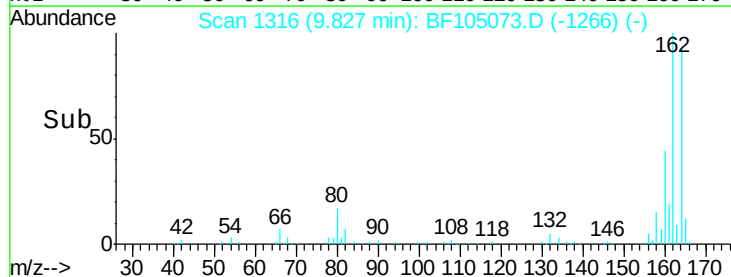
160 45.7 38.3 57.5

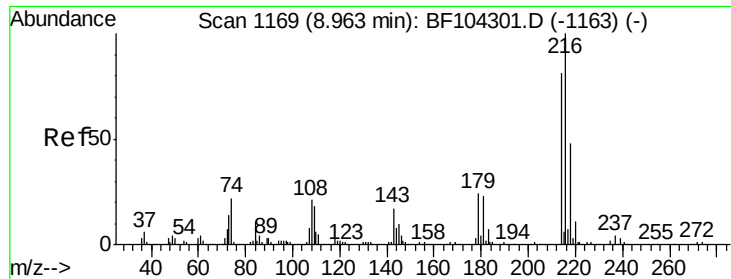


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

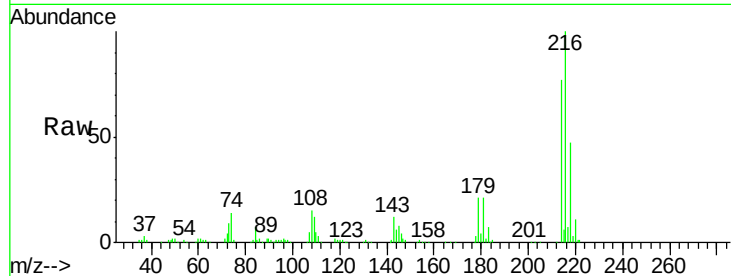




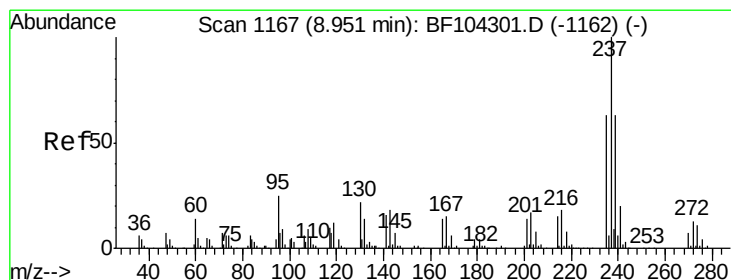
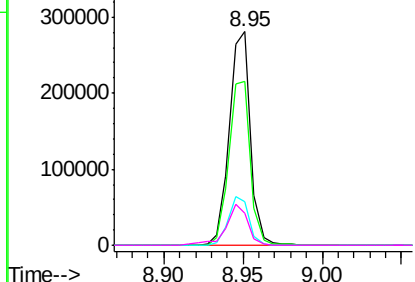
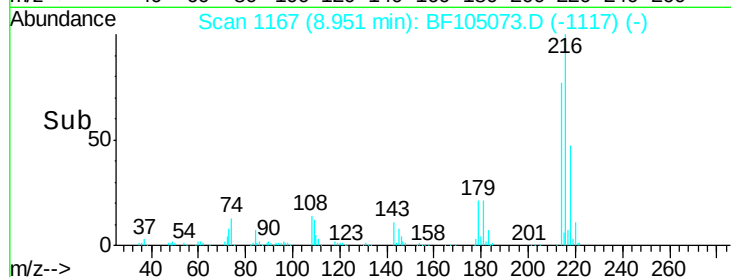
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.630 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	258833
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	22.6	18.1	27.1
108	19.5	17.2	25.8

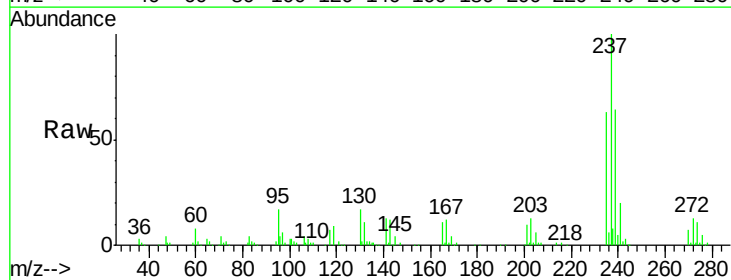


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

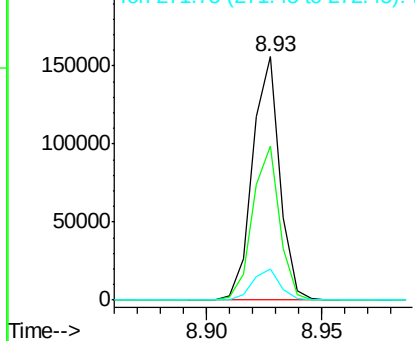
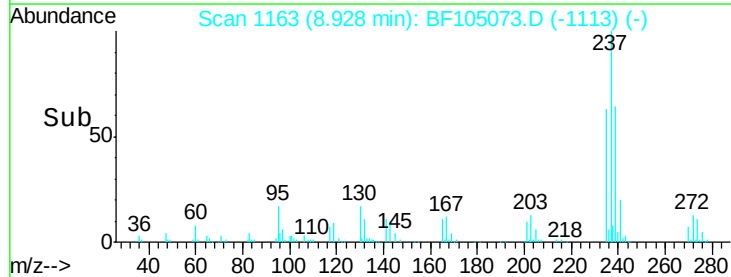


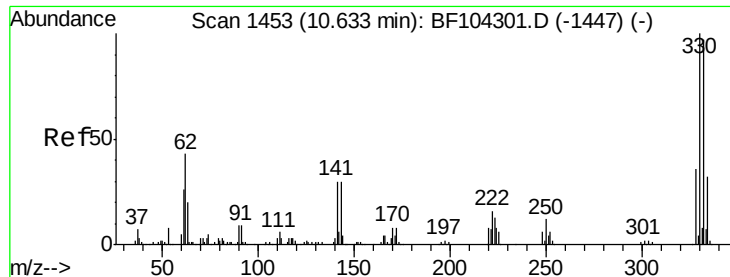
#40
 Hexachlorocyclopentadiene
 Concen: 42.172 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion:	237	Resp:	128299
Ion	Ratio	Lower	Upper
237	100		
235	63.2	44.8	84.8
272	12.9	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

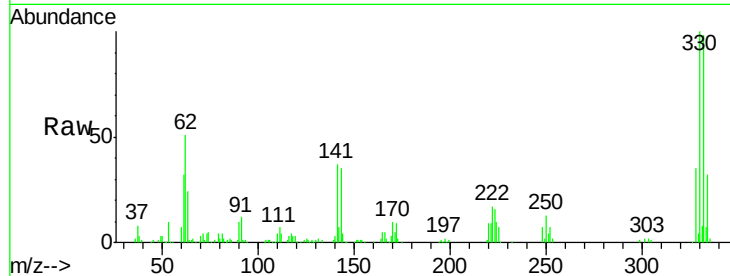




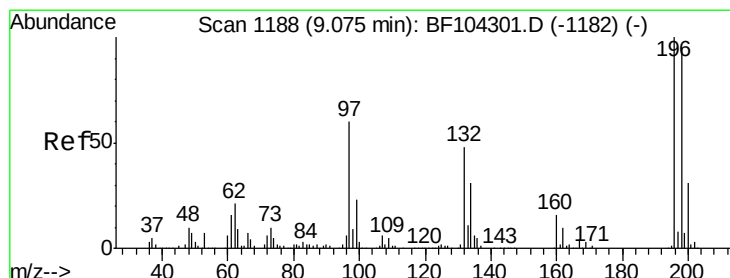
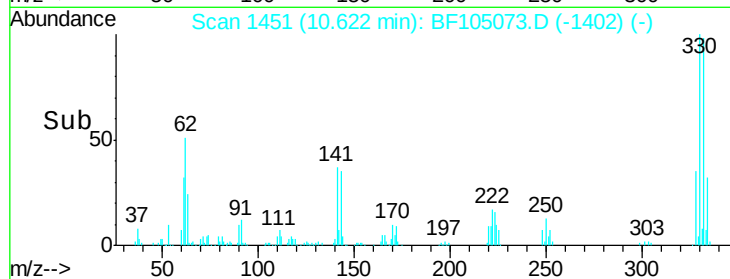
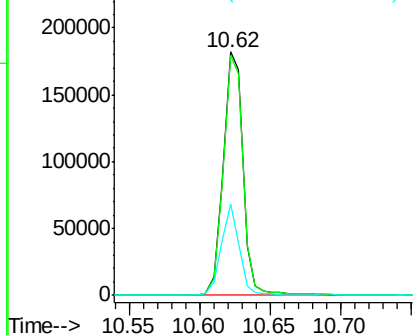
#41
 2,4,6-Tribromophenol
 Concen: 90.762 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 178731
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 33.6 29.9 44.9

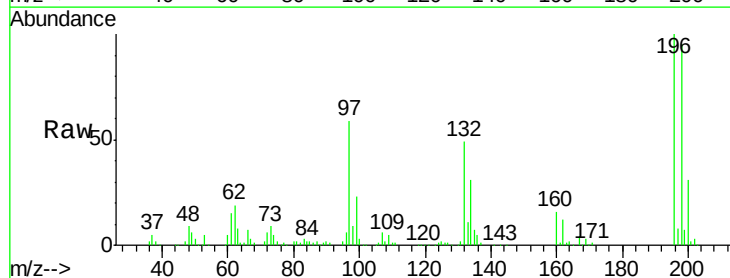


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

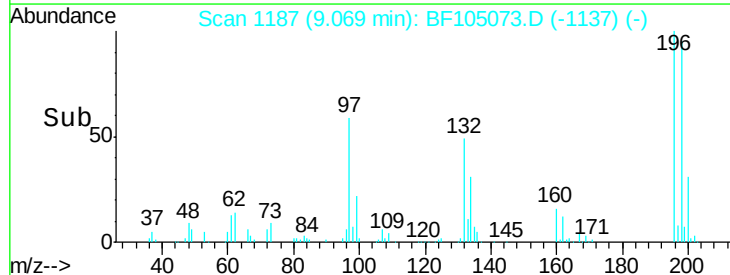
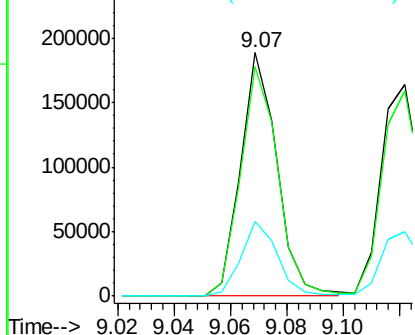


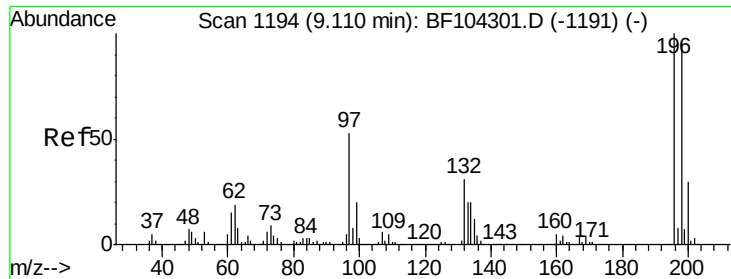
#42
 2,4,6-Trichlorophenol
 Concen: 44.698 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion:196 Resp: 168616
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 200 30.7 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

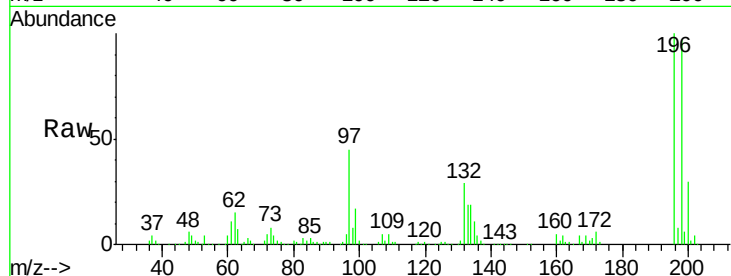




#43
 2,4,5-Trichlorophenol
 Concen: 45.118 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.6	112.0
97	45.2	42.9	64.3
132	28.7	26.3	39.5



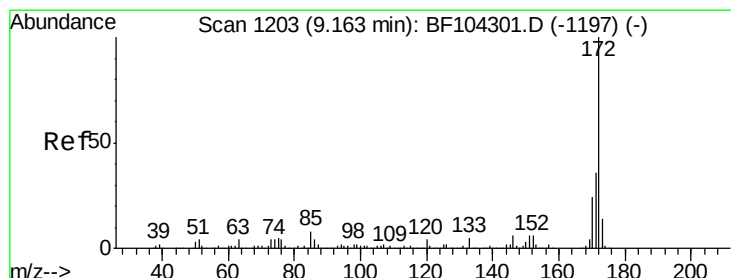
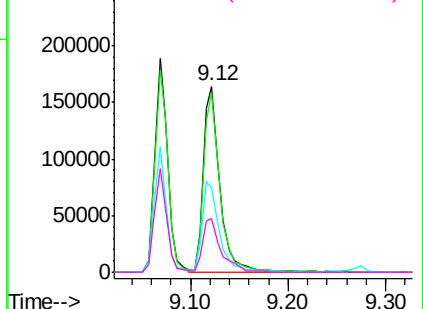
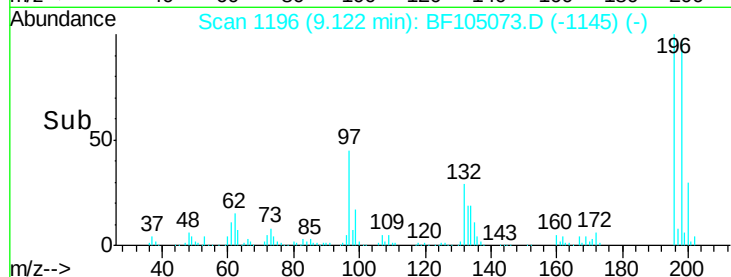
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

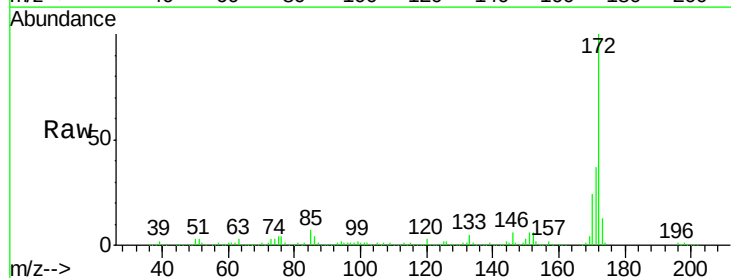
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.520 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	23.8	19.6	29.4

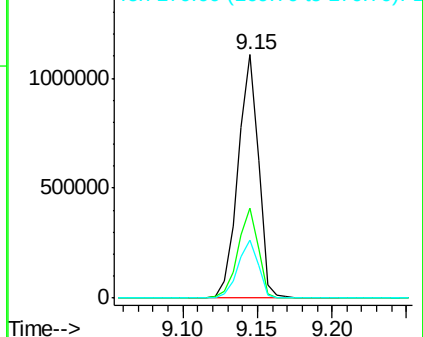
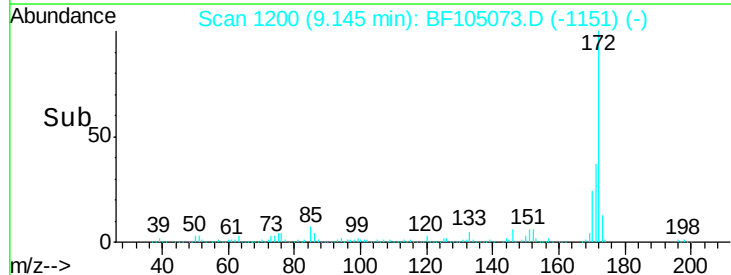


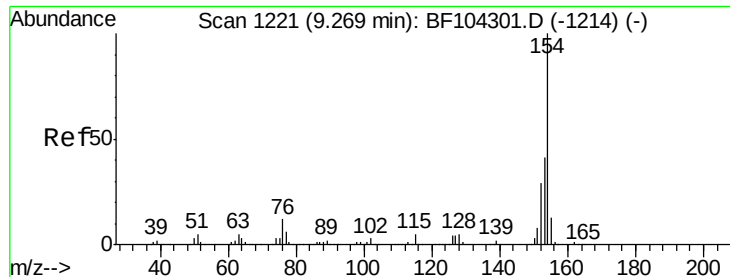
Abundance

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: 43.861 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

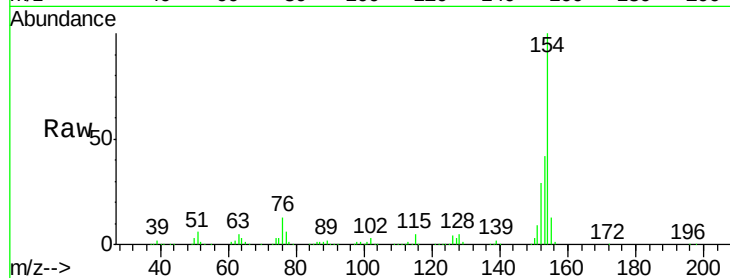
Tot Ion:154 Resp: 699485

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

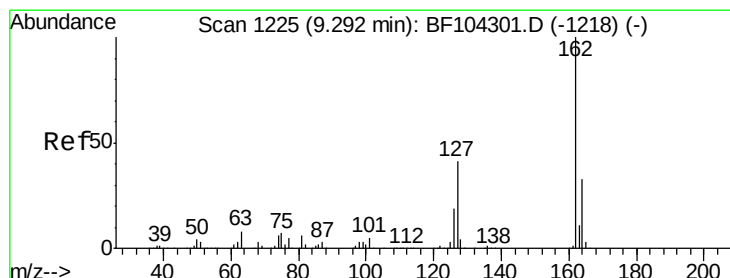
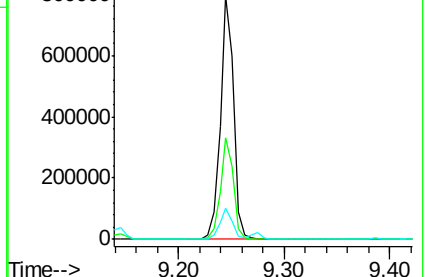
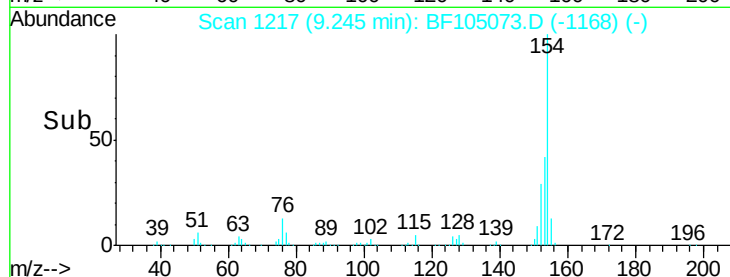
76 12.9 0.0 34.0



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: 44.708 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

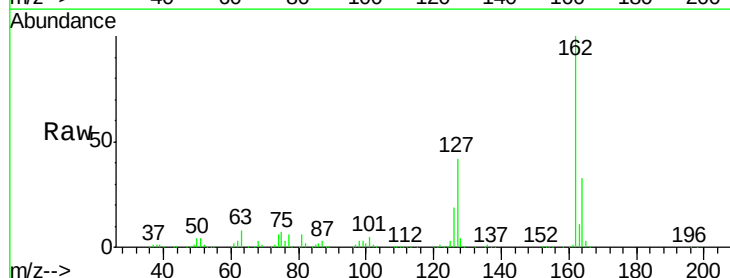
Tgt Ion:162 Resp: 563172

Ion Ratio Lower Upper

162 100

127 41.7 33.9 50.9

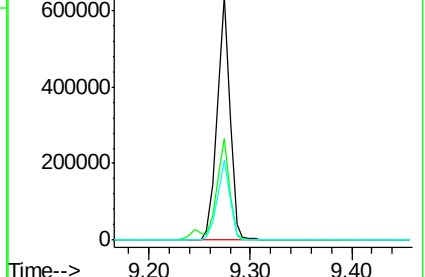
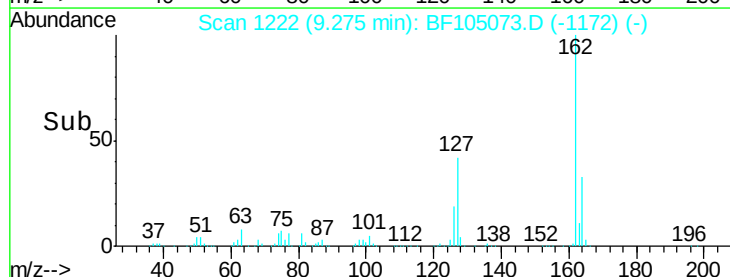
164 32.9 26.5 39.7

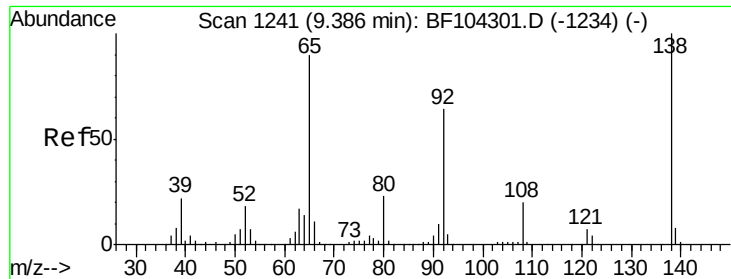


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

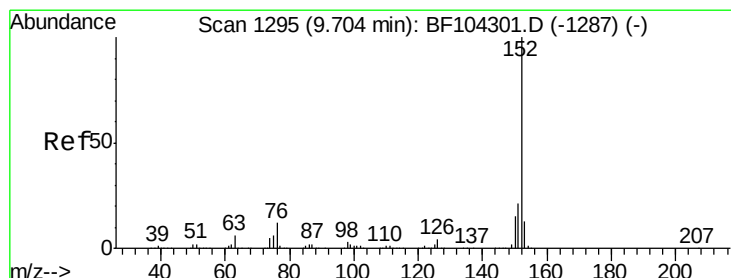
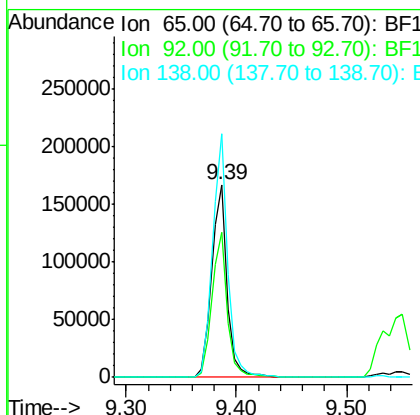
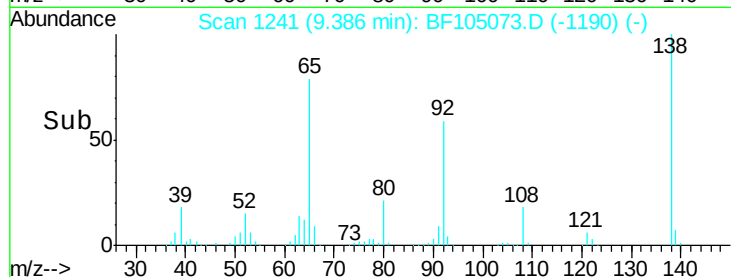
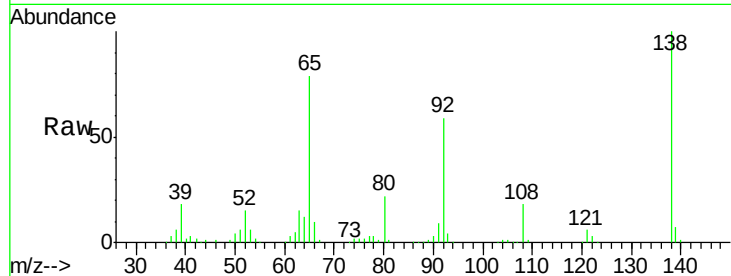




#47
 2-Nitroaniline
 Concen: 50.954 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

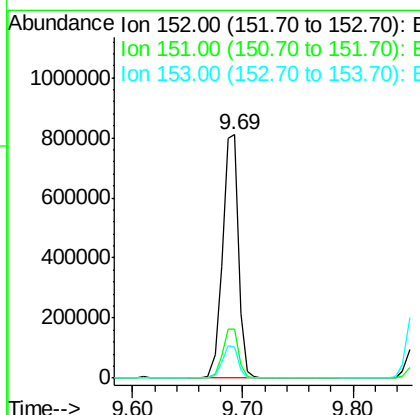
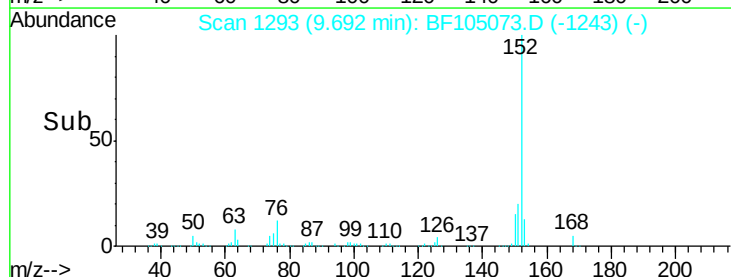
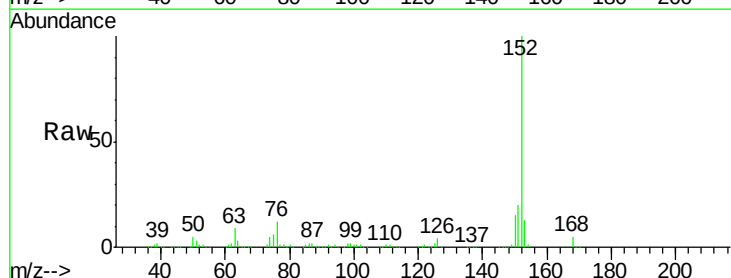
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

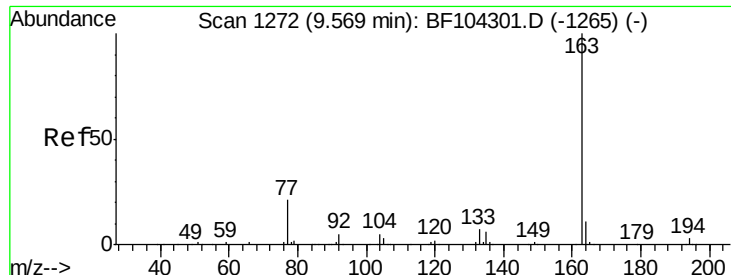
Tot Ion: 65 Resp: 158729
 Ion Ratio Lower Upper
 65 100
 92 74.9 55.8 83.6
 138 126.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 41.468 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion: 152 Resp: 819561
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 12.6 10.7 16.1

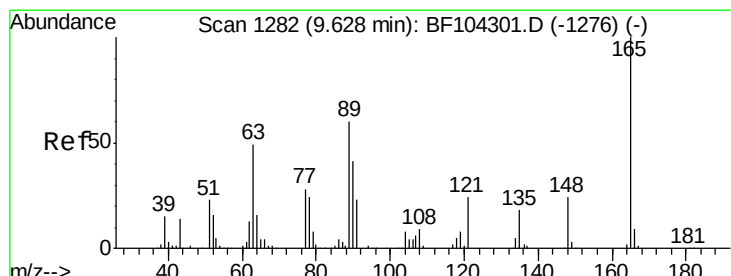
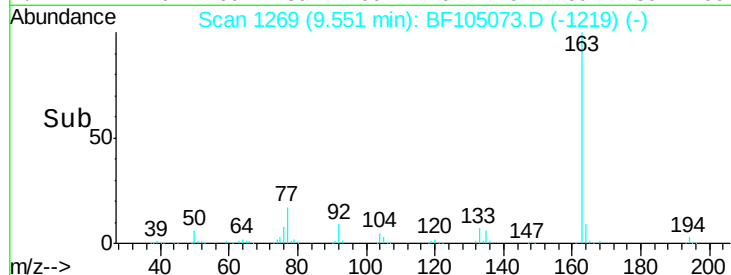
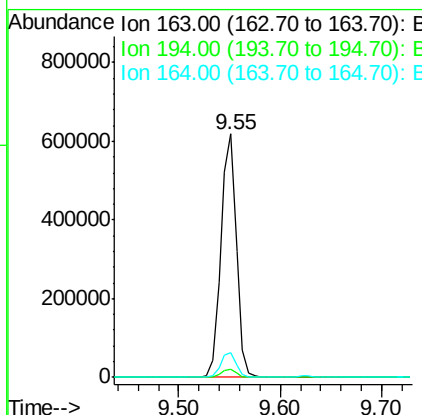
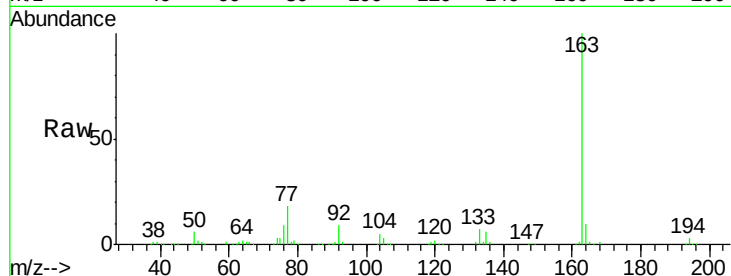




#49
 Dimethylphthalate
 Concen: 43.486 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

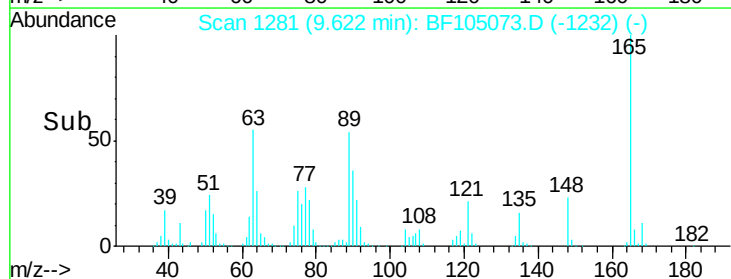
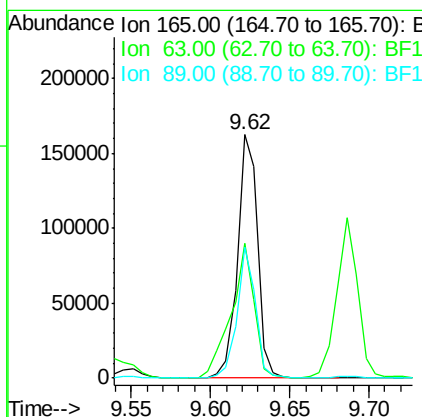
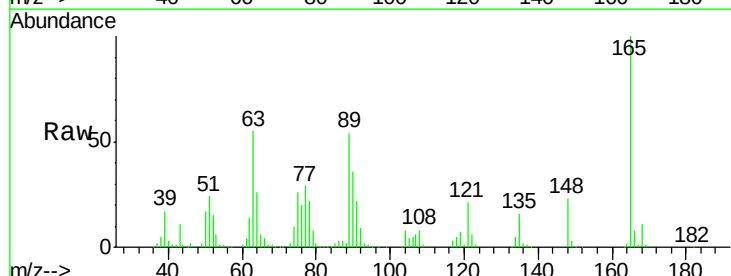
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

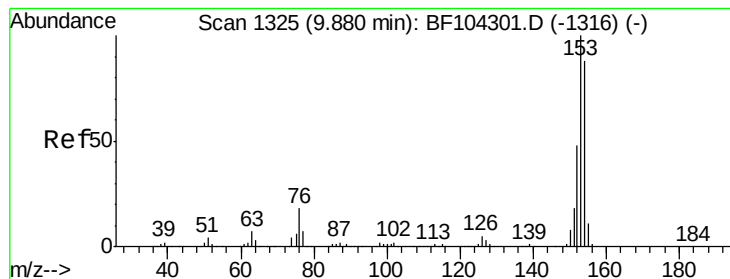
Tot Ion:163	Resp:	650993
Ion Ratio	Lower	Upper
163	100	
194	3.4	2.7 4.1
164	10.0	8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 51.527 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion:165	Resp:	142733
Ion Ratio	Lower	Upper
165	100	
63	55.4	44.7 67.1
89	53.9	44.0 66.0





#51

Acenaphthene

Concen: 40.903 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

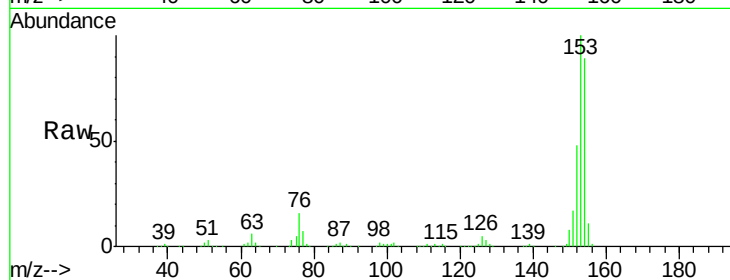
Tot Ion:154 Resp: 493230

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

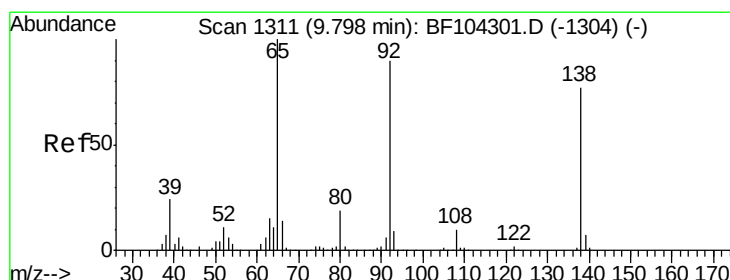
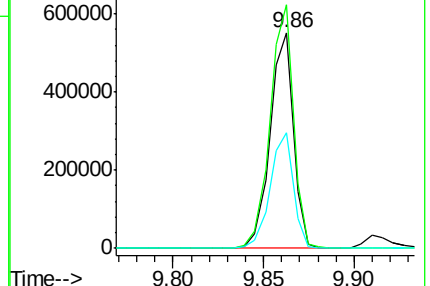
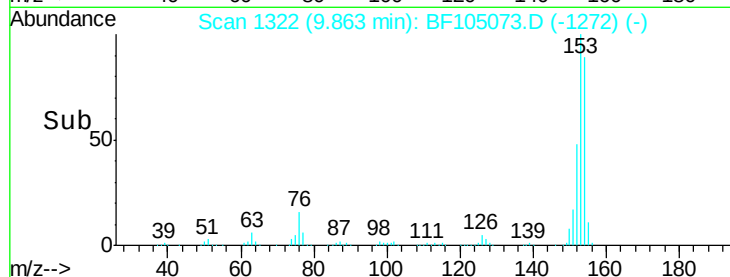
152 53.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 50.452 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

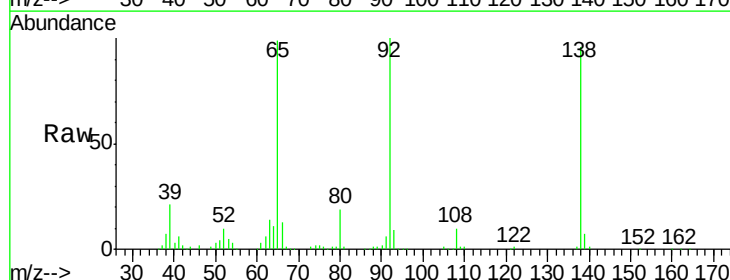
Tgt Ion:138 Resp: 163610

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

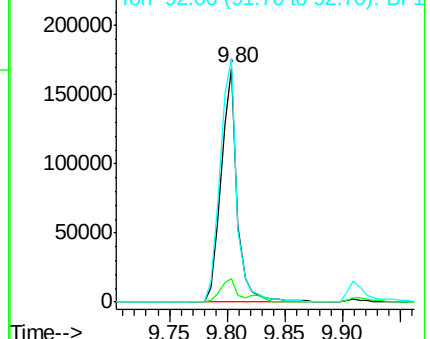
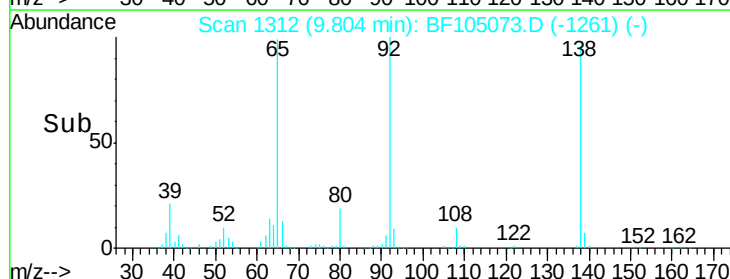
92 104.3 89.4 134.2

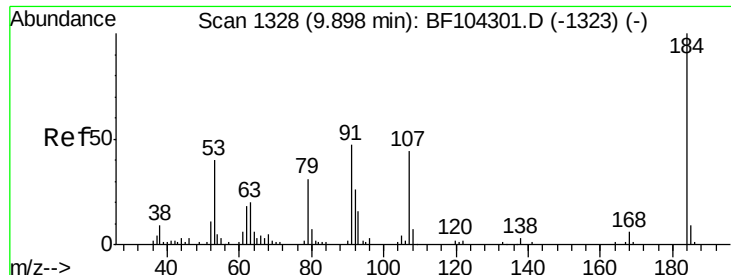


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

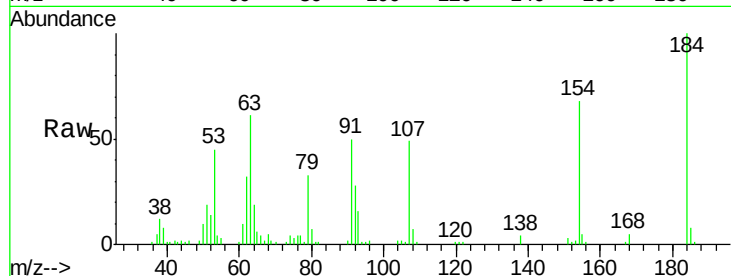




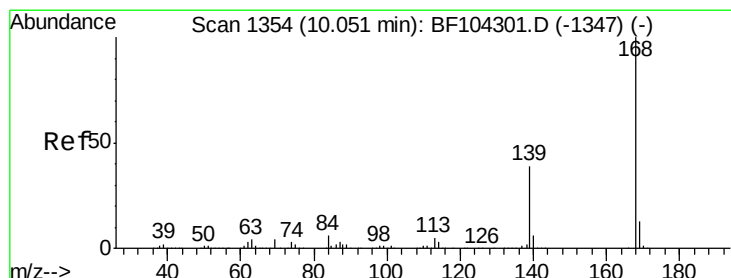
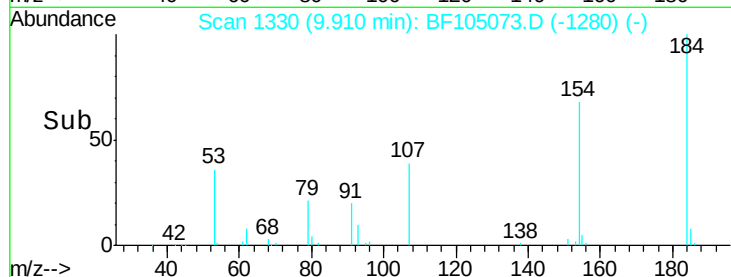
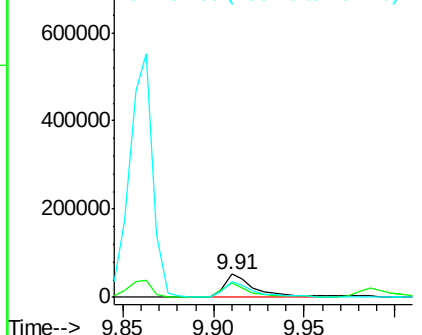
#53
 2,4-Dinitrophenol
 Concen: 61.643 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 62628
 Ion Ratio Lower Upper
 184 100
 63 60.9 54.2 81.2
 154 68.0 184.0 276.0#

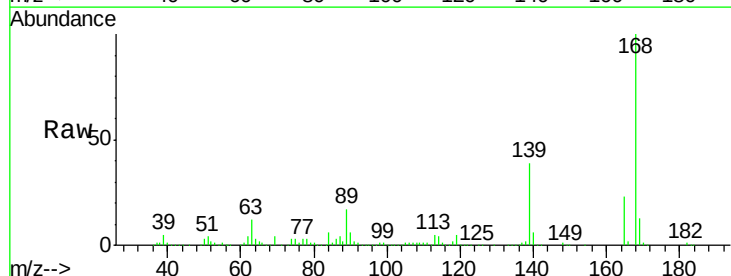


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

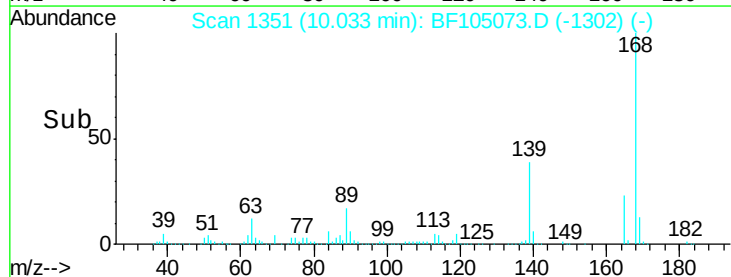
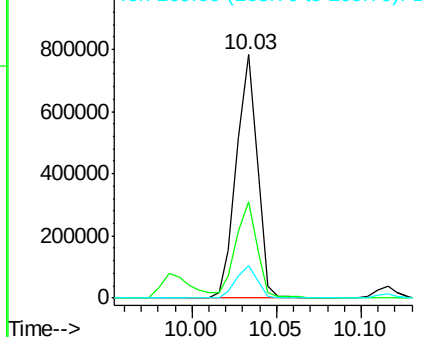


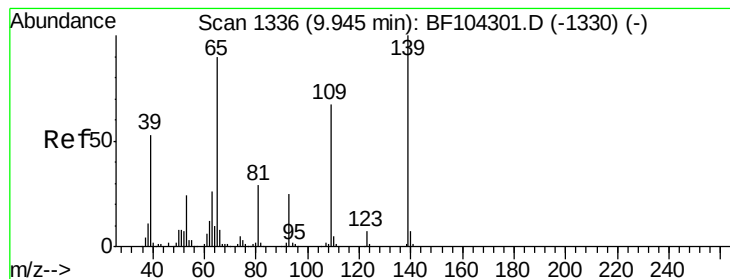
#54
 Dibenzofuran
 Concen: 40.238 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion:168 Resp: 676187
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.2 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: 38.021 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

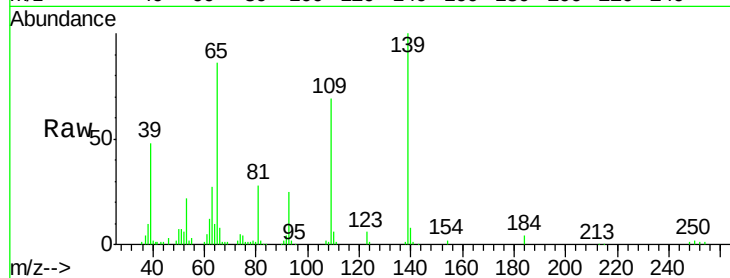
Tot Ion:139 Resp: 96856

Ion Ratio Lower Upper

139 100

109 68.7 48.4 88.4

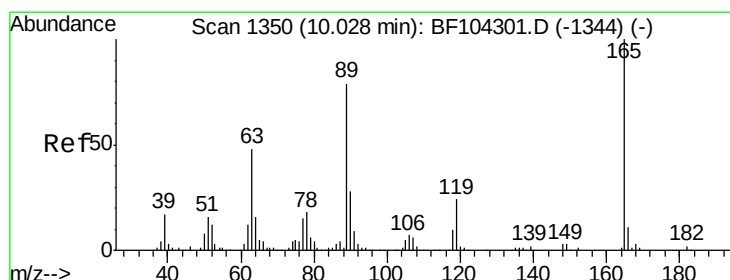
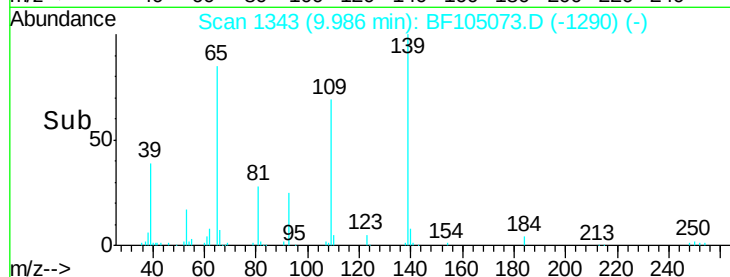
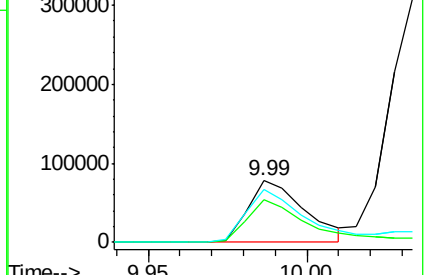
65 86.4 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 47.563 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Tgt Ion:165 Resp: 172822

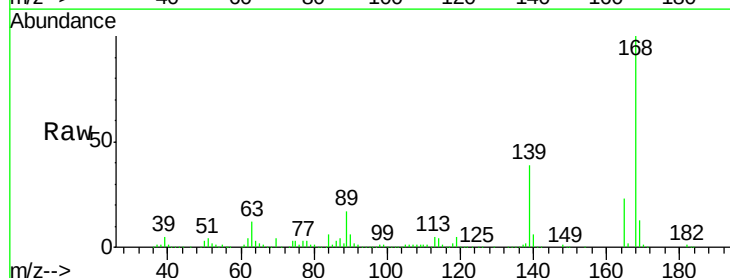
Ion Ratio Lower Upper

165 100

63 52.7 36.4 54.6

89 74.9 57.8 86.6

182 2.3 1.6 2.4

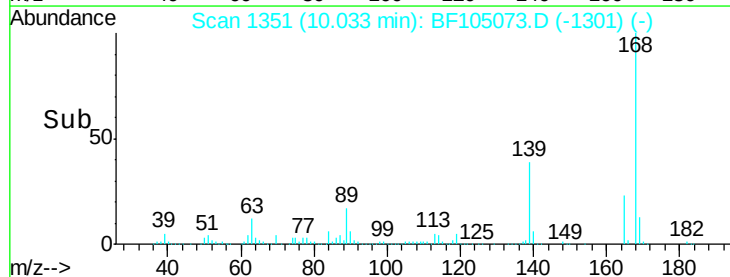
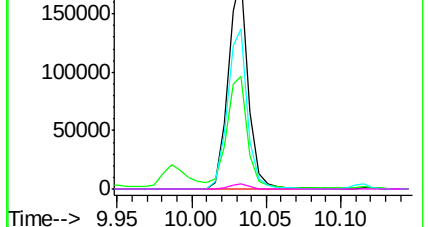


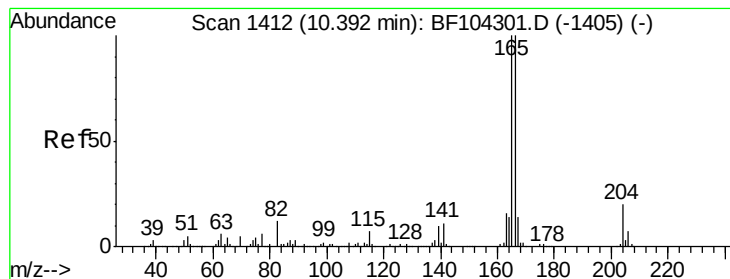
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.811 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

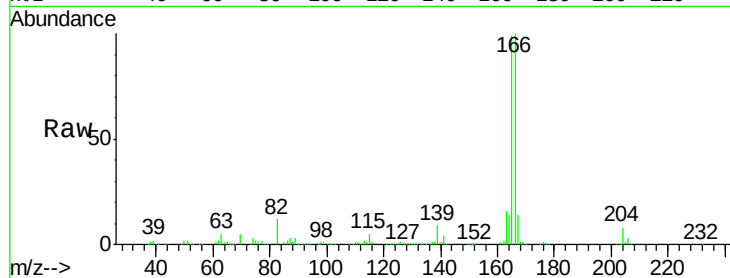
Tot Ion:166 Resp: 572584

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

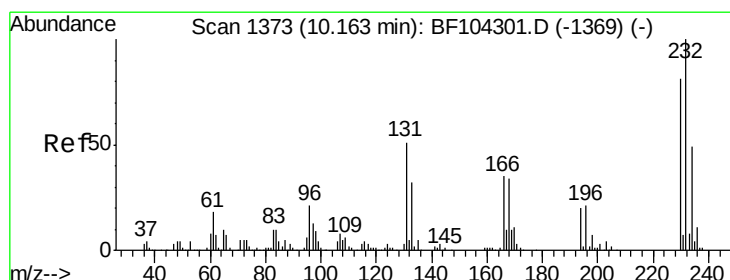
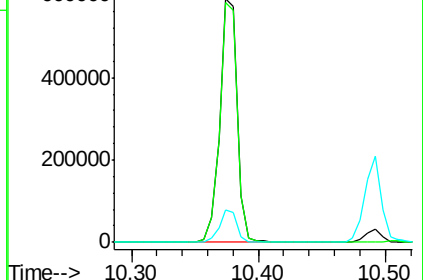
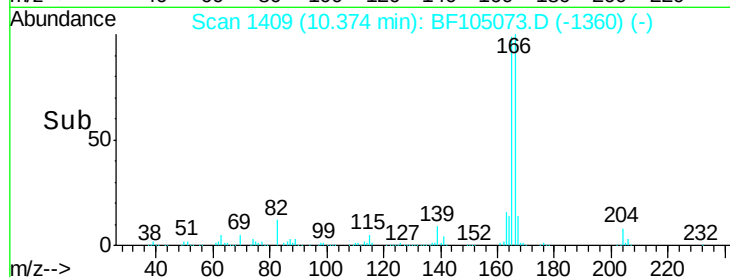
167 13.5 10.6 16.0



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: 42.890 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Tgt Ion:232 Resp: 135075

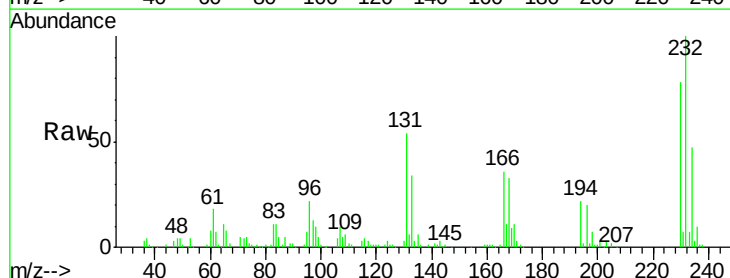
Ion Ratio Lower Upper

232 100

131 49.9 43.8 65.8

130 2.4 2.1 3.1

166 32.7 27.8 41.6

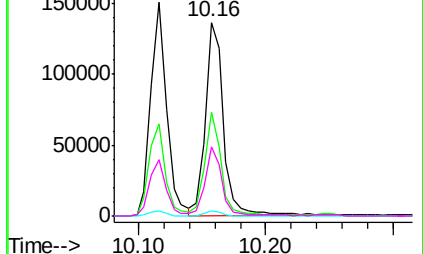
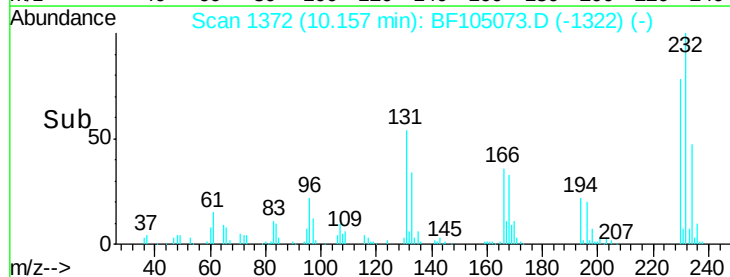


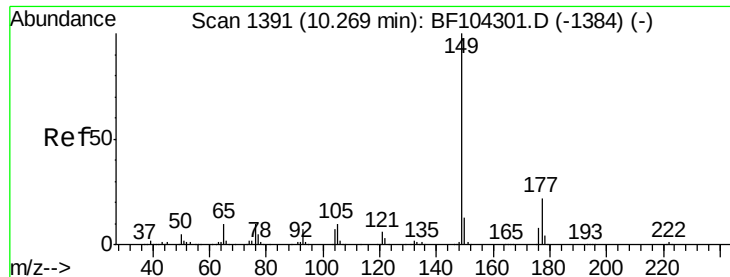
Abundance Ion 232.00 (231.70 to 232.70): E

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

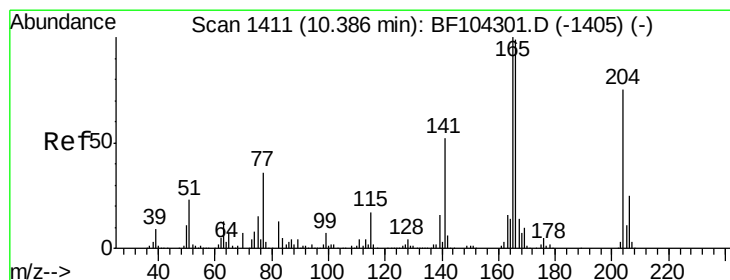
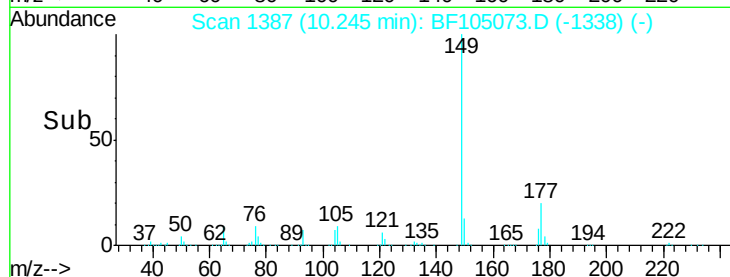
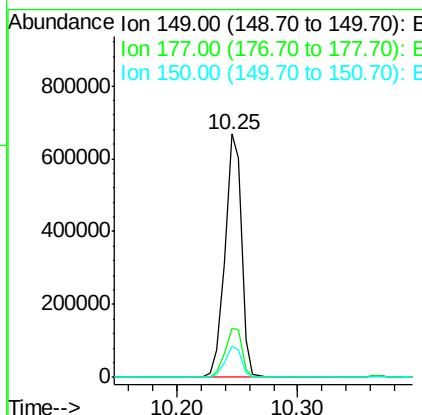
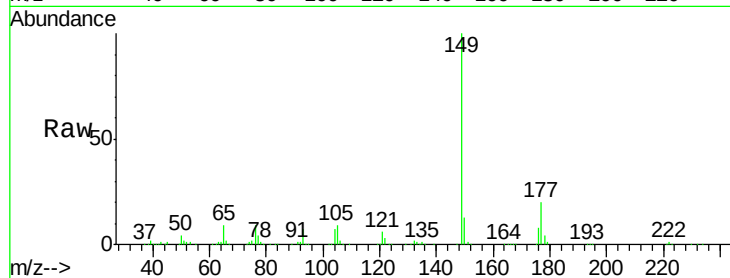




#59
Diethylphthalate
Concen: 42.369 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

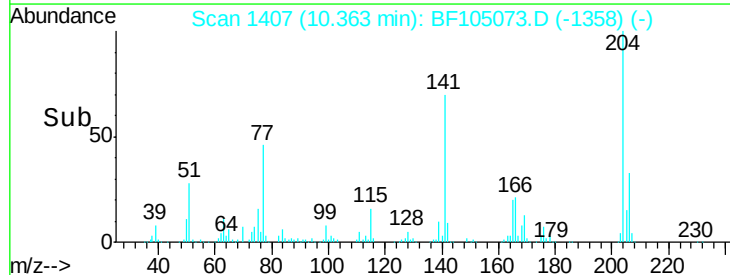
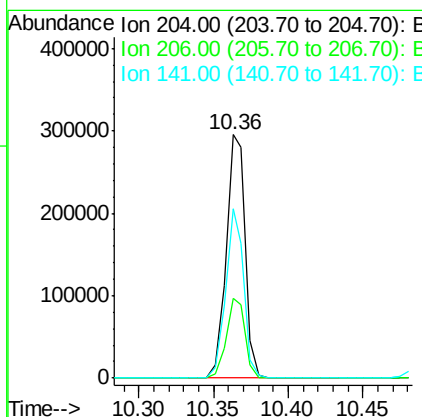
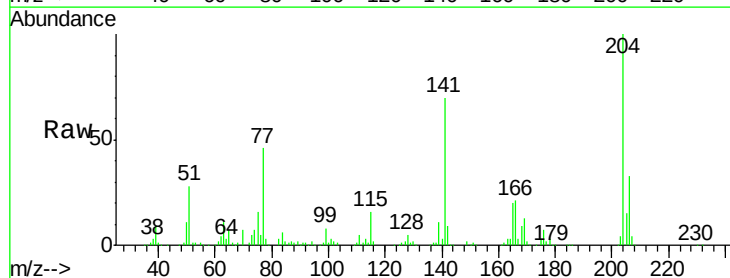
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

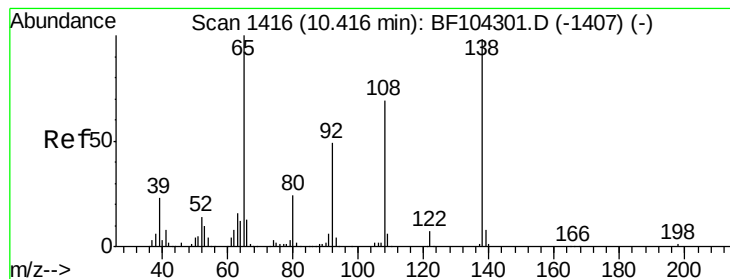
Tot Ion:149 Resp: 631690
Ion Ratio Lower Upper
149 100
177 20.2 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 49.074 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:204 Resp: 267325
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 69.8 54.6 81.8





#61

4-Nitroaniline

Concen: 49.517 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

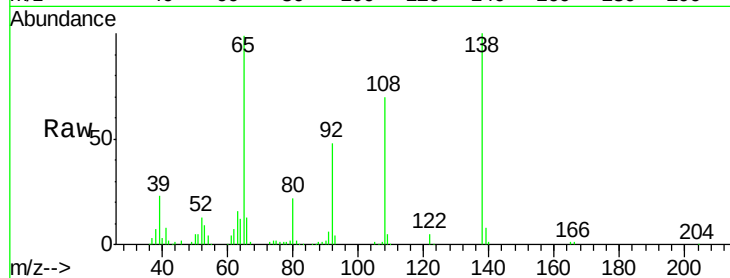
Tot Ion:138 Resp: 157009

Ion Ratio Lower Upper

138 100

92 47.7 30.2 70.2

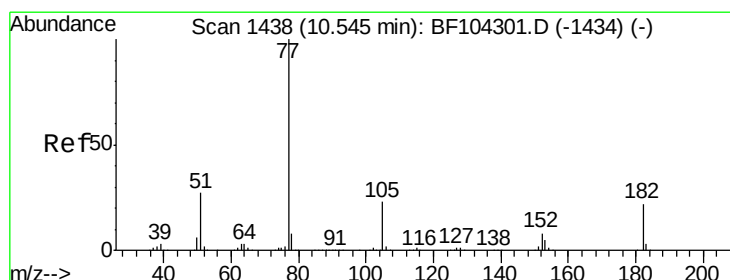
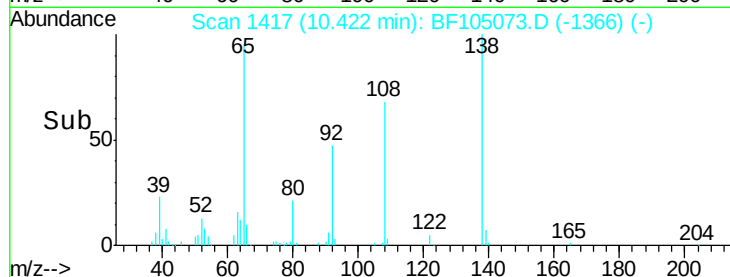
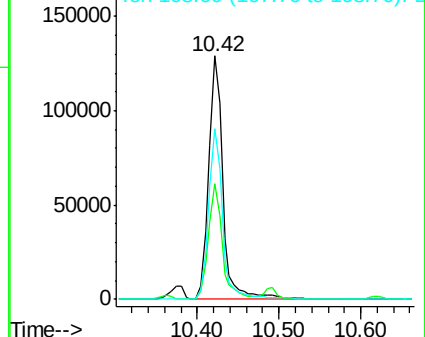
108 70.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.738 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Tgt Ion: 77 Resp: 551789

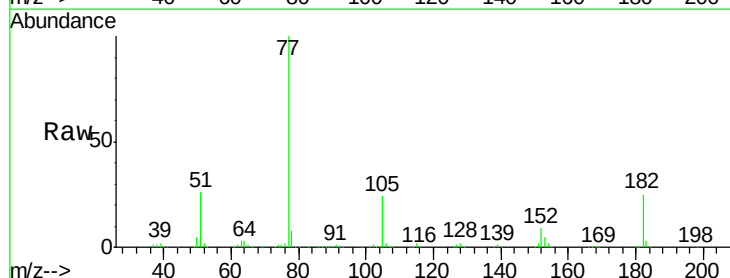
Ion Ratio Lower Upper

77 100

182 25.0 1.7 41.7

105 23.6 3.0 43.0

51 25.6 9.9 49.9

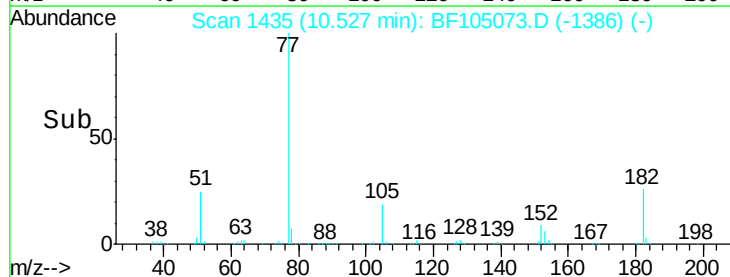
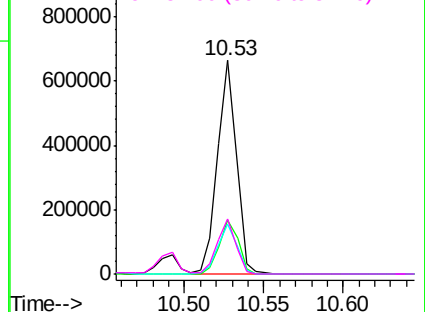


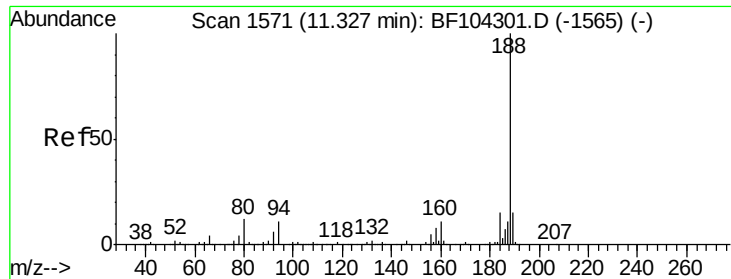
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

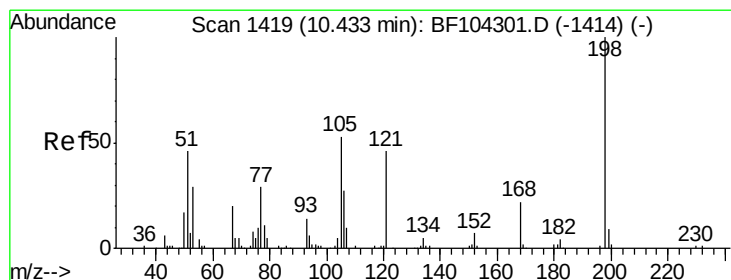
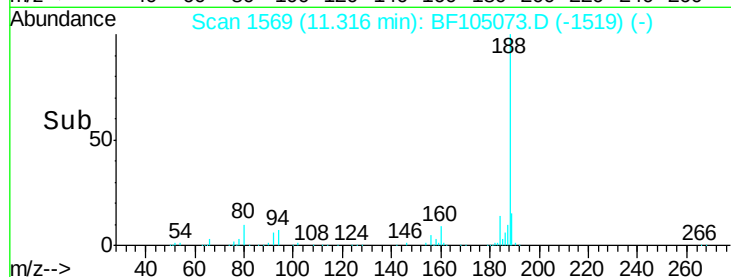
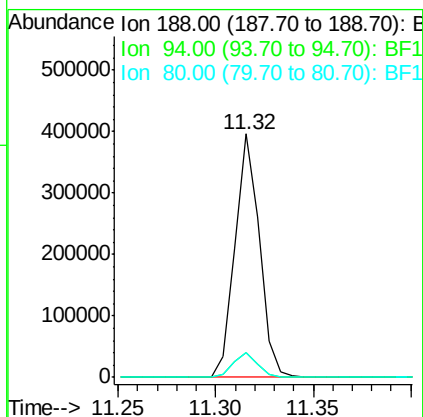
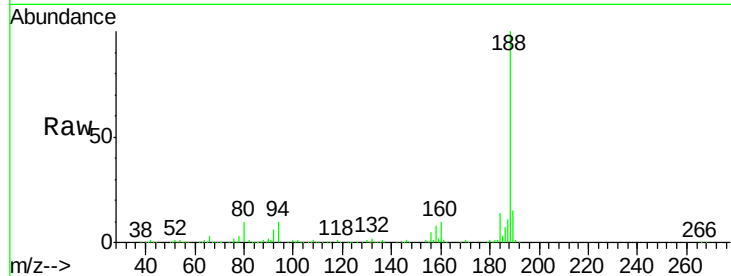




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

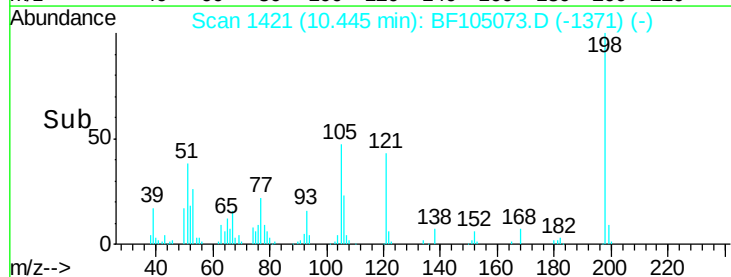
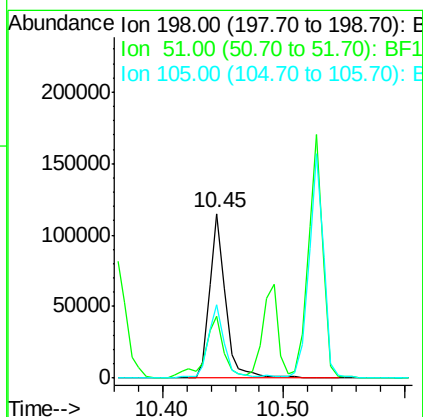
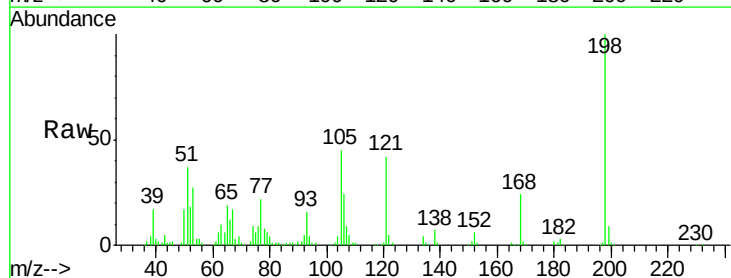
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

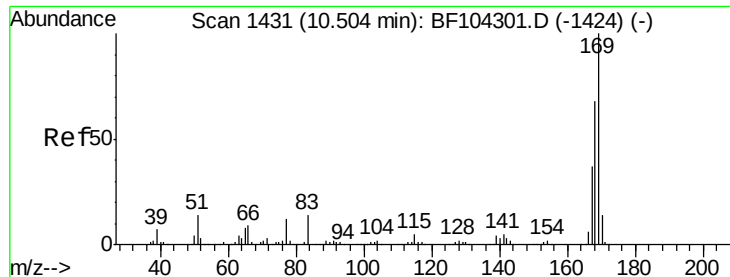
Tot Ion:188 Resp: 345329
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 59.977 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:198 Resp: 104511
Ion Ratio Lower Upper
198 100
51 37.3 37.7 77.7#
105 45.0 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 42.084 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

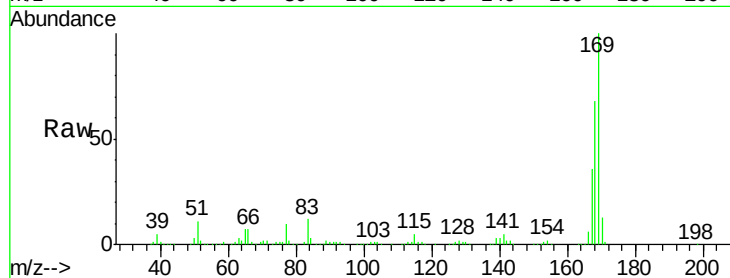
Tot Ion:169 Resp: 503888

Ion Ratio Lower Upper

169 100

168 67.7 54.4 81.6

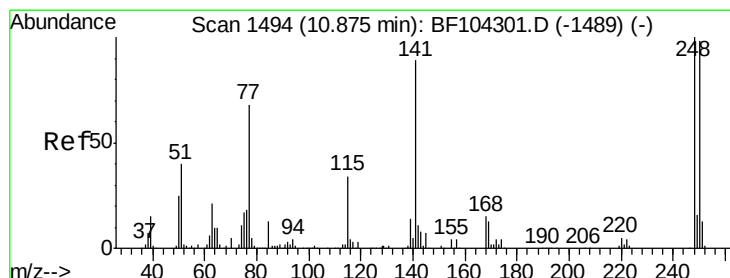
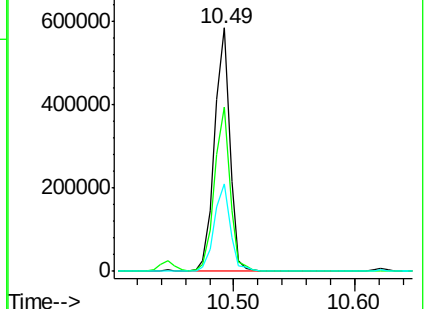
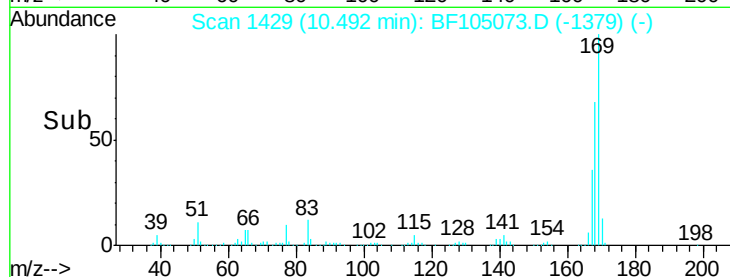
167 36.0 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.511 ng

RT: 10.86 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

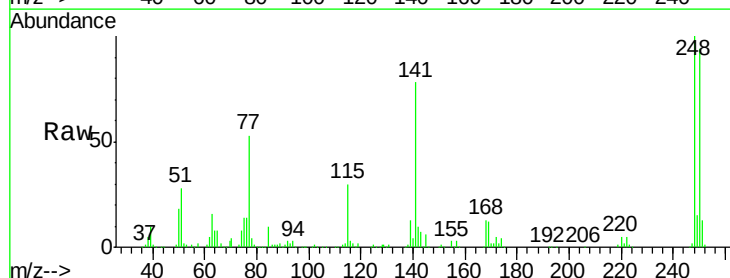
Tgt Ion:248 Resp: 163497

Ion Ratio Lower Upper

248 100

250 94.3 76.9 115.3

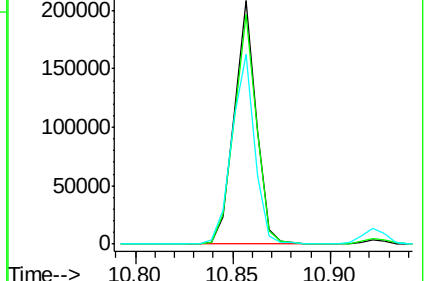
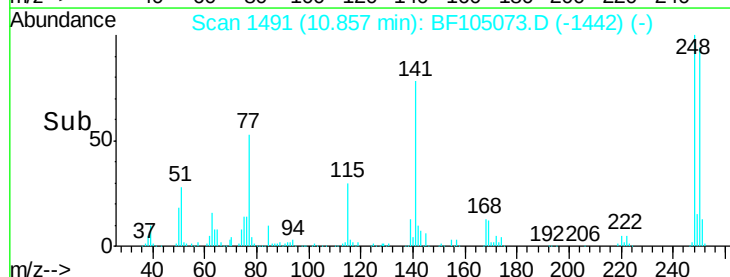
141 78.2 74.4 111.6

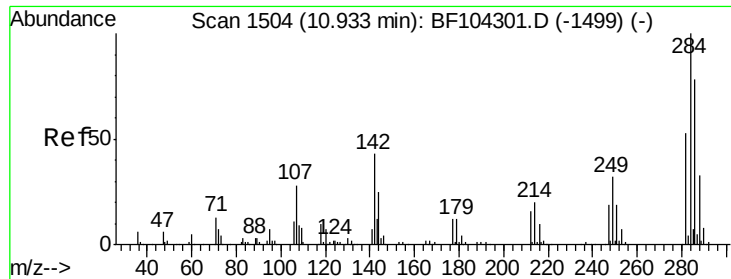


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

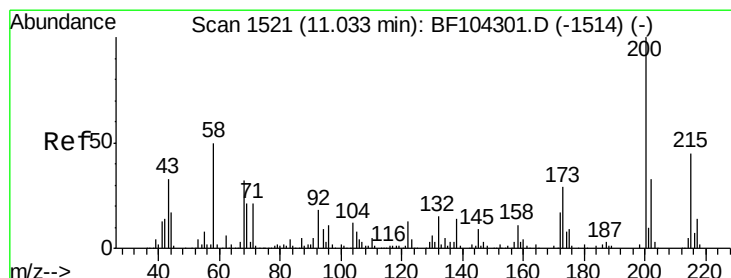
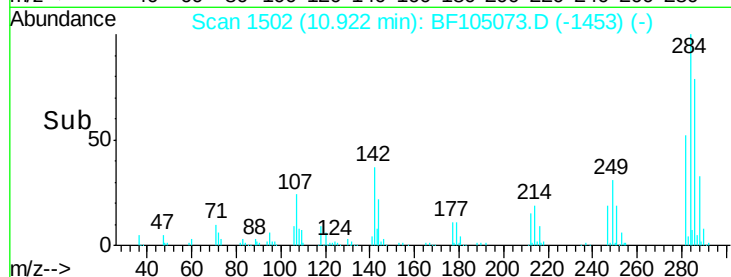
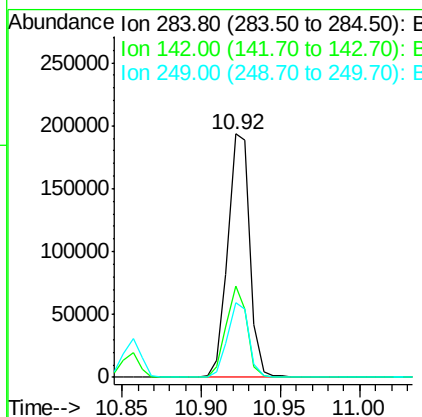
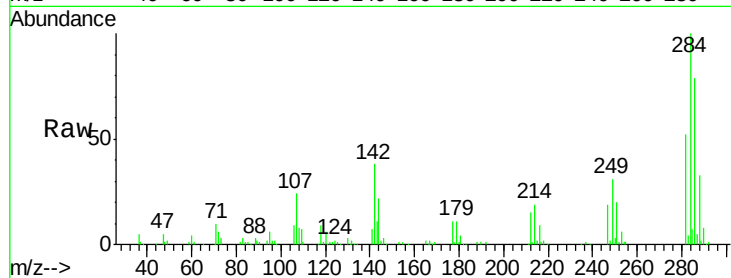




#67
Hexachlorobenzene
Concen: 45.209 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

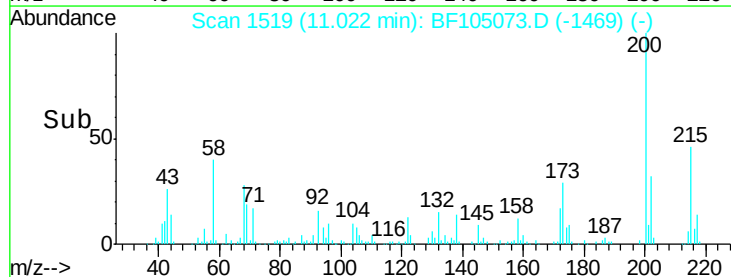
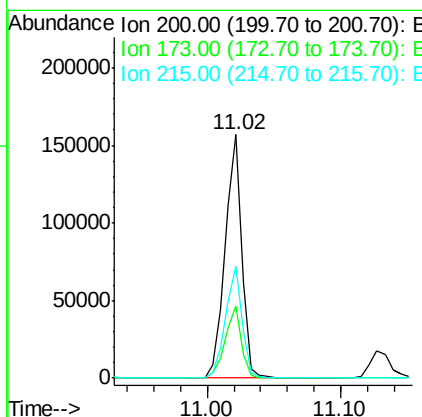
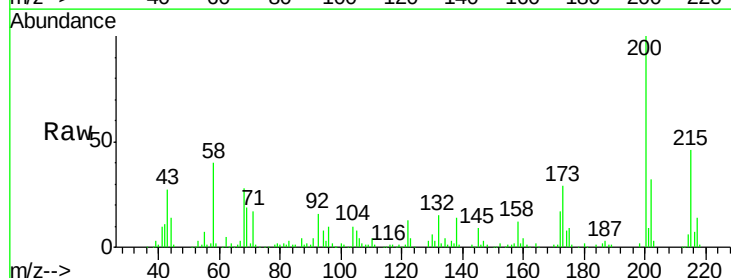
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

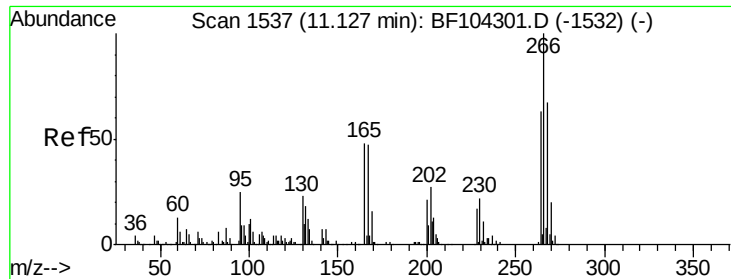
Tot Ion:284 Resp: 186855
Ion Ratio Lower Upper
284 100
142 37.6 34.6 52.0
249 30.9 24.8 37.2



#68
Atrazine
Concen: 38.577 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:200 Resp: 139424
Ion Ratio Lower Upper
200 100
173 29.4 8.6 48.6
215 46.0 25.1 65.1

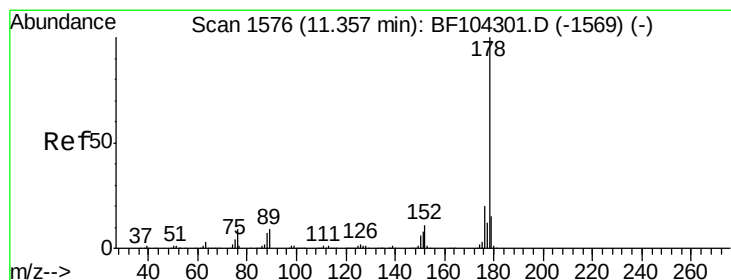
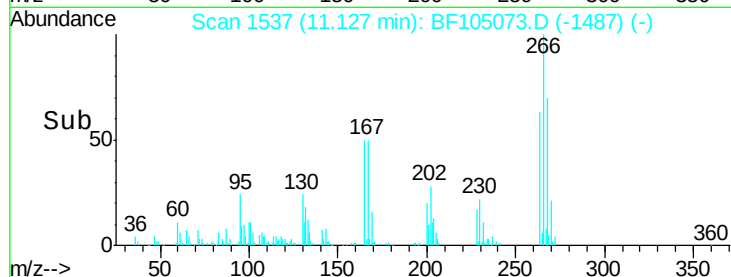
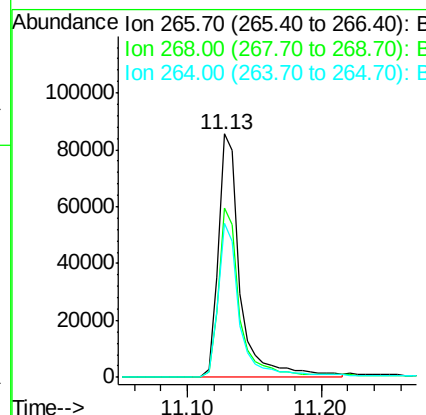
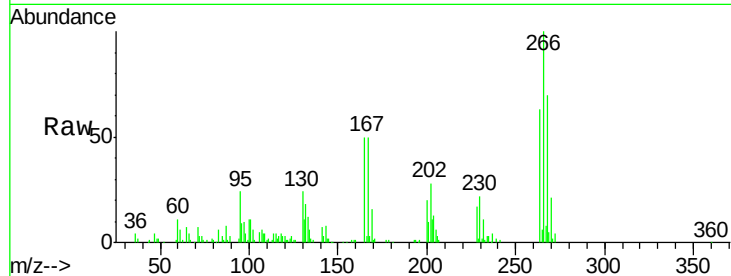




#69
 Pentachlorophenol
 Concen: 38.919 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

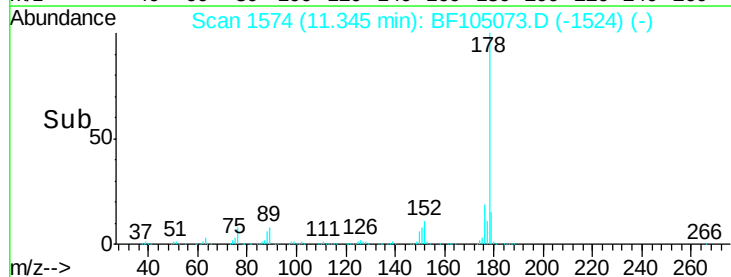
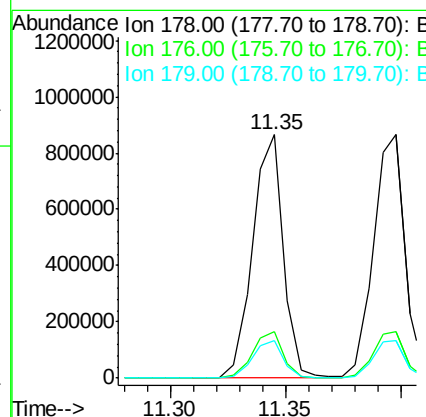
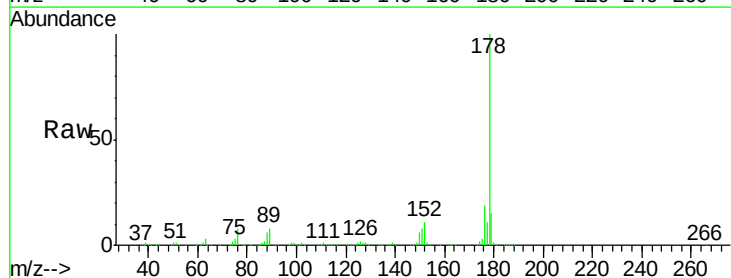
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

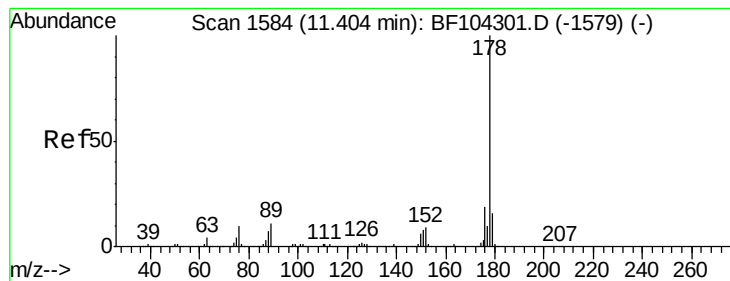
Tot Ion	Ratio	Lower	Upper
266	100		
268	69.7	51.1	76.7
264	63.4	49.5	74.3



#70
 Phenanthrene
 Concen: 41.841 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	13.0	19.6





#71

Anthracene

Concen: 42.295 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

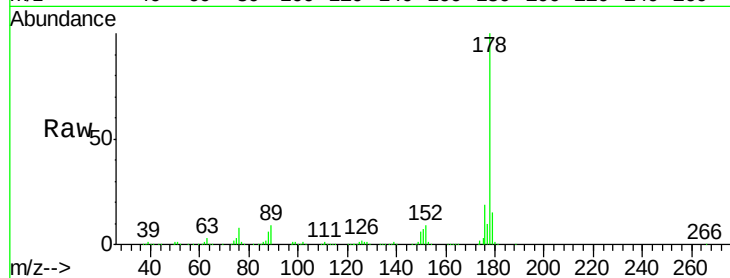
Tot Ion:178 Resp: 826808

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

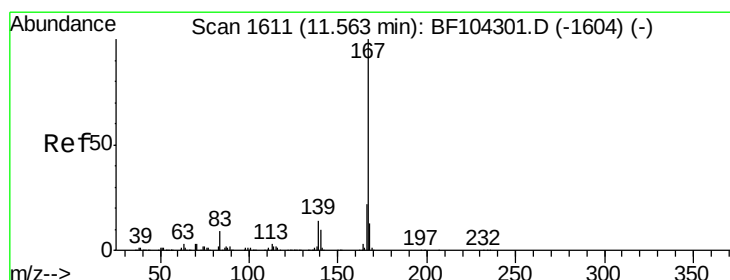
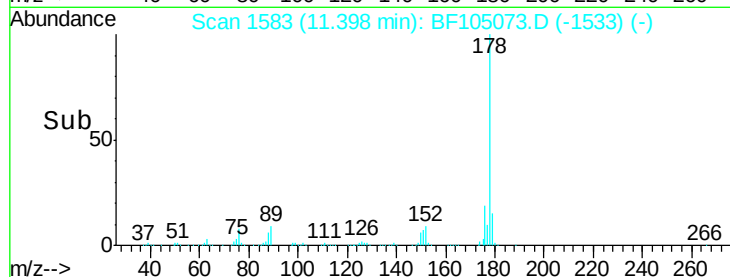
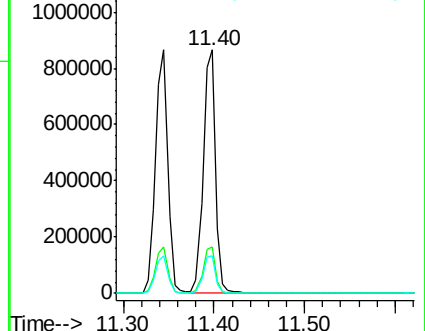
179 15.2 12.6 19.0



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: 41.550 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

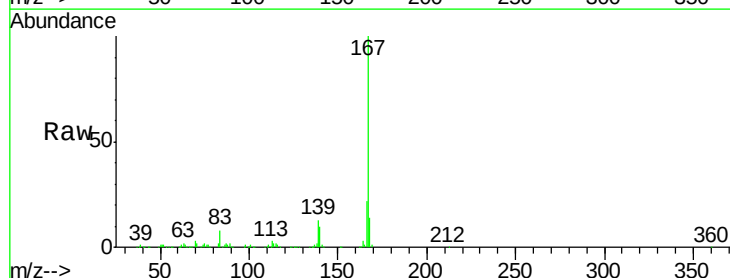
Tgt Ion:167 Resp: 793718

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

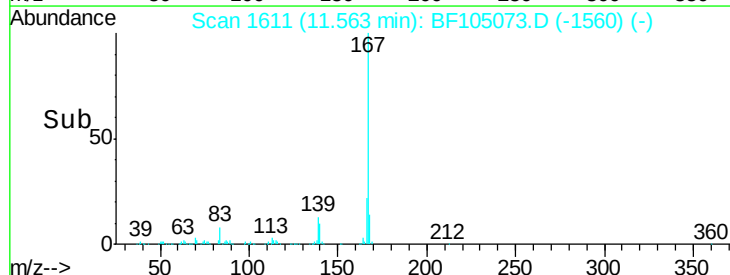
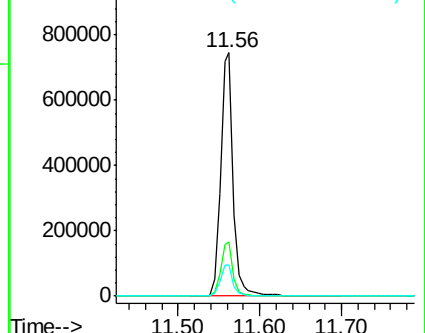
139 12.9 10.9 16.3

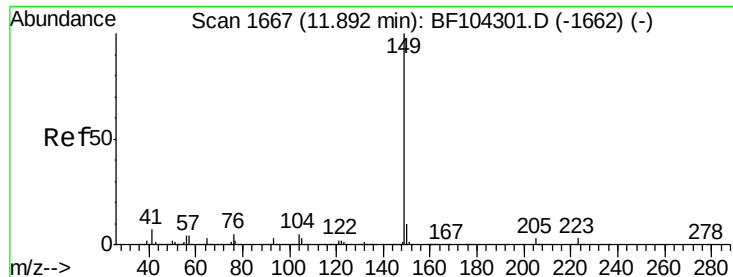


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.020 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

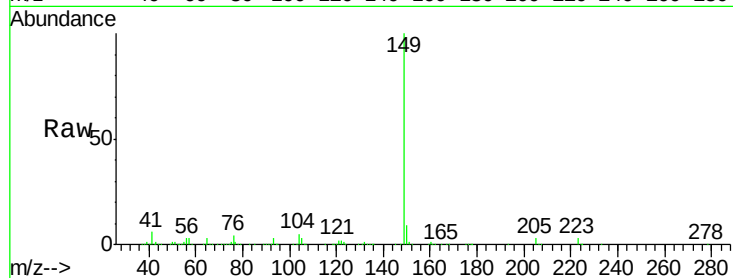
Tot Ion:149 Resp: 980516

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

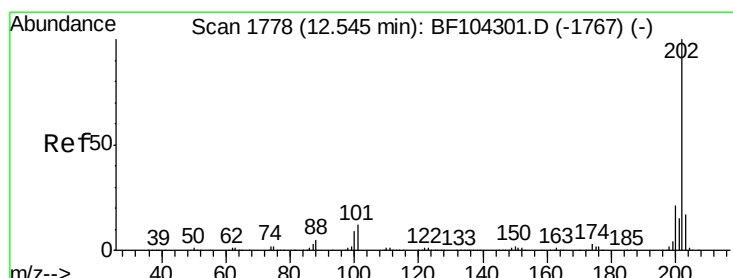
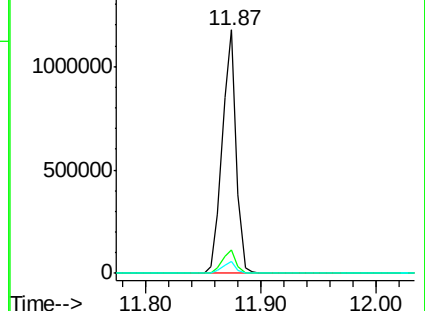
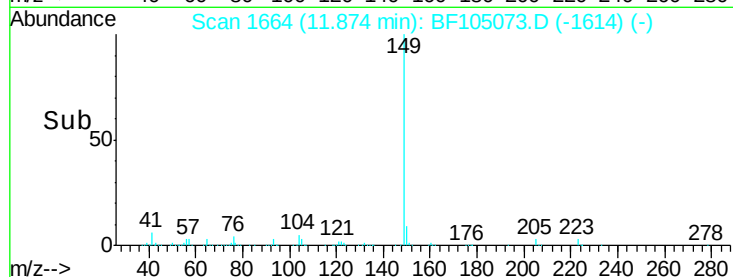
104 4.7 3.8 5.8



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: 41.426 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

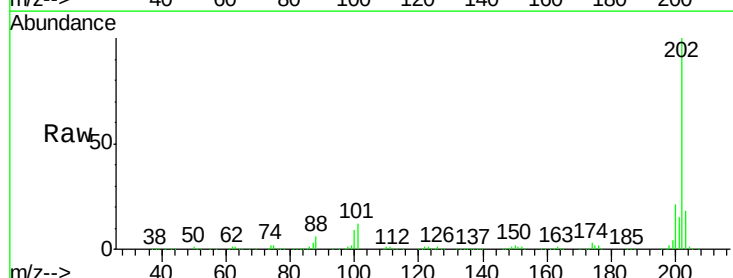
Tgt Ion:202 Resp: 832360

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

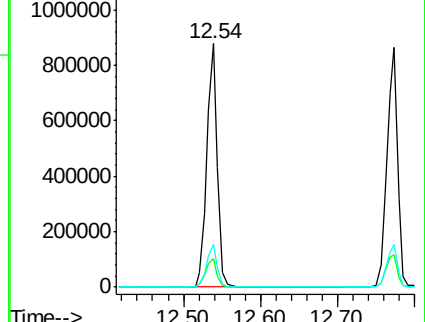
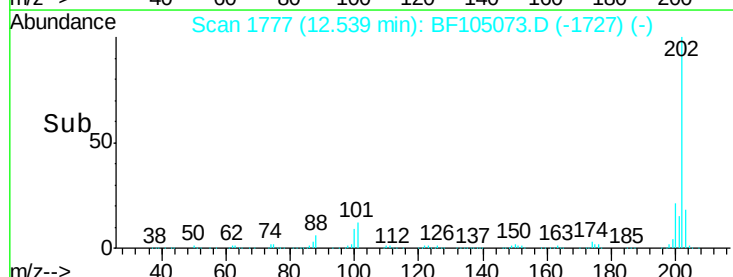
203 17.6 0.0 38.1

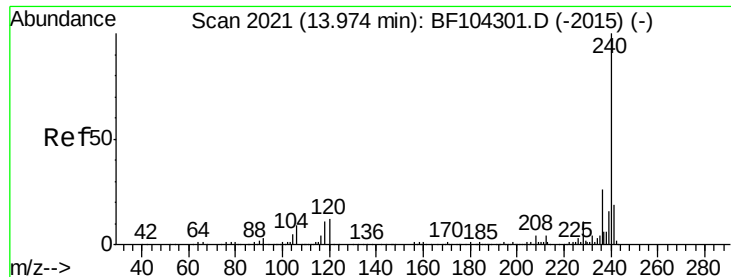


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

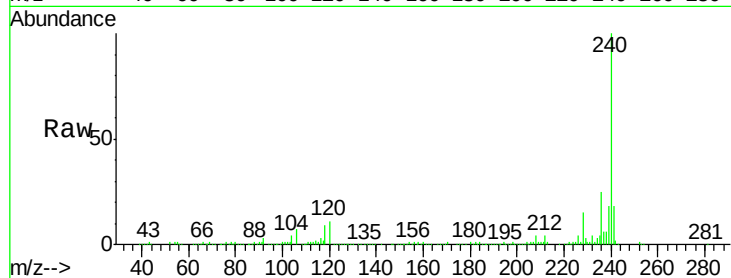
Tot Ion:240 Resp: 248832

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

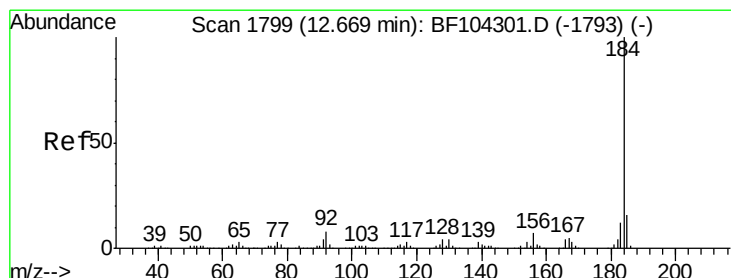
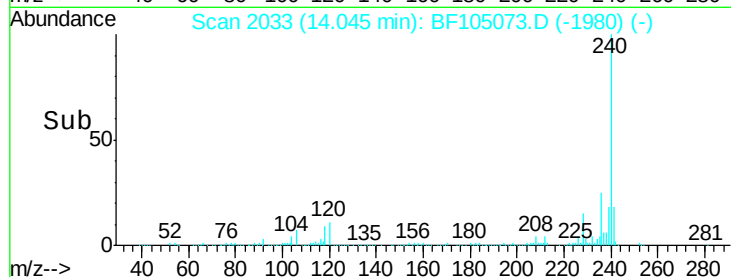
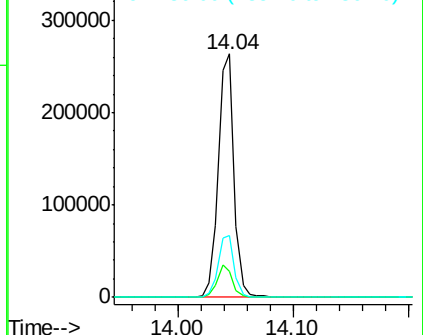
236 25.4 20.7 31.1



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: 32.876 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

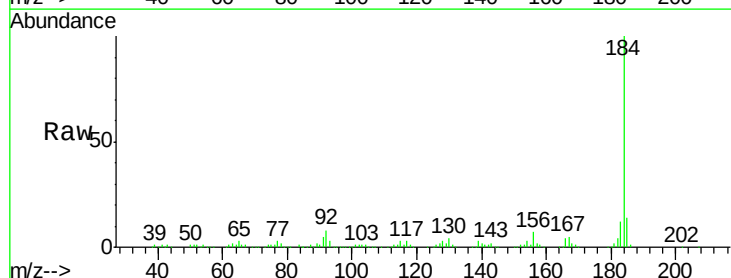
Tgt Ion:184 Resp: 292327

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

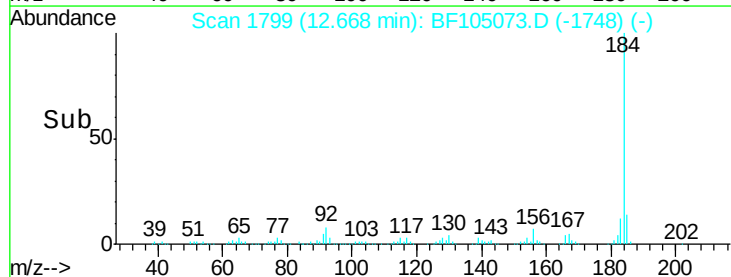
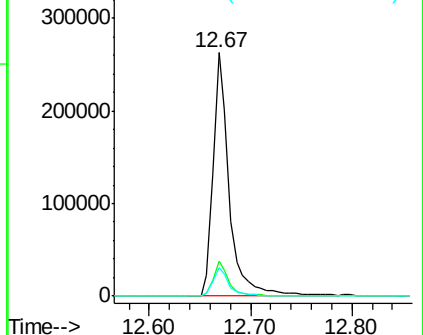
183 11.8 9.3 13.9

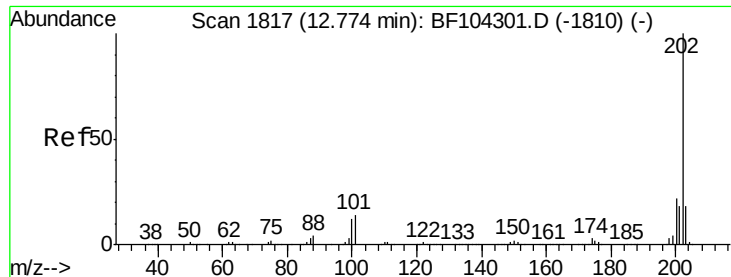


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

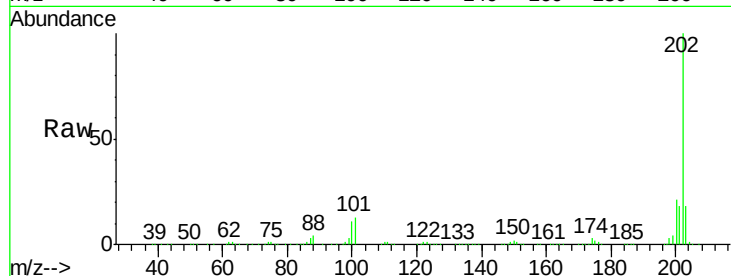




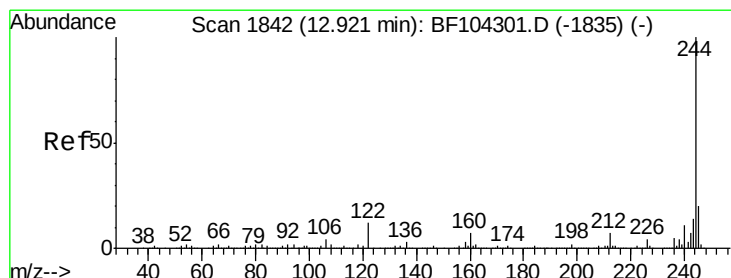
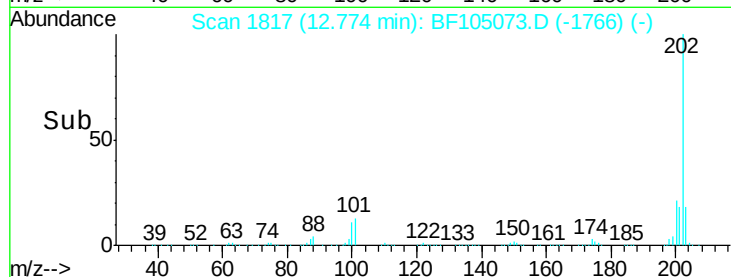
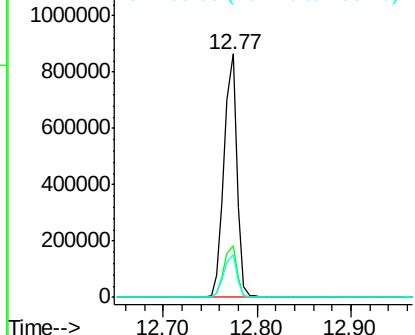
#77
Pvrene
Concen: 45.382 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 837038
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.5 14.3 21.5

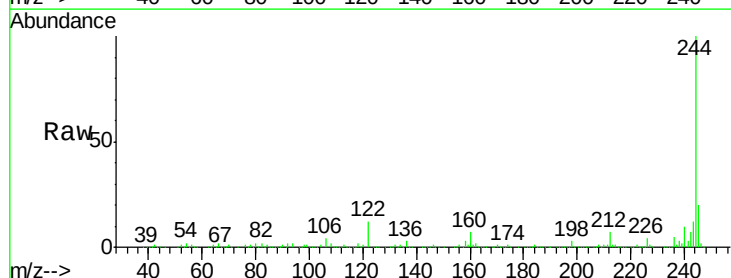


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

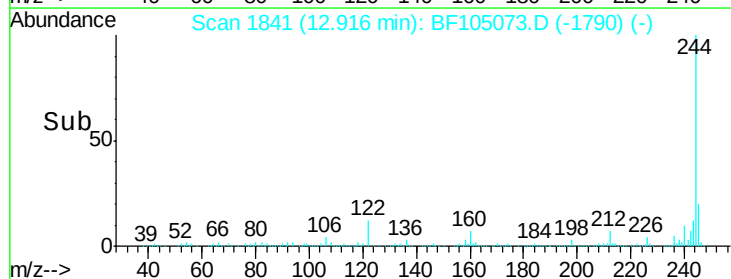
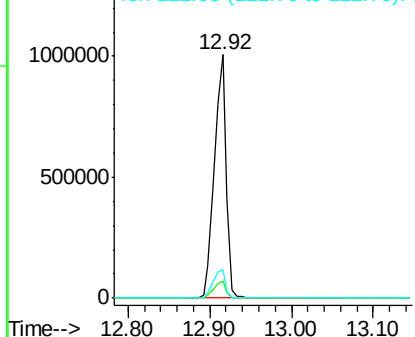


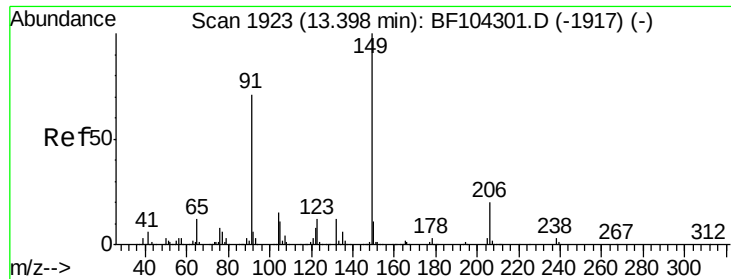
#78
Terphenyl-d14
Concen: 93.114 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:244 Resp: 1016290
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 11.6 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

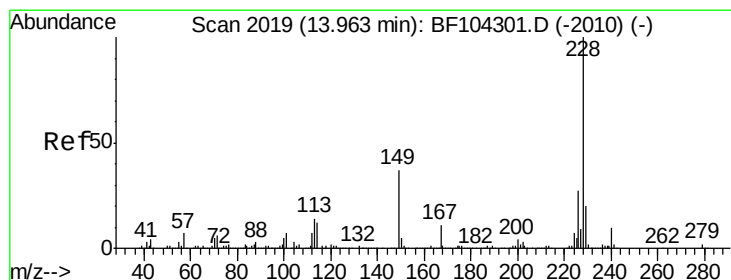
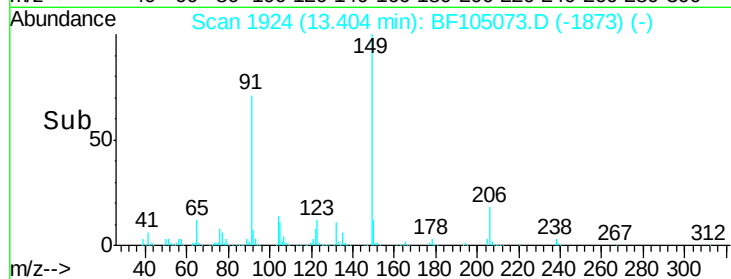
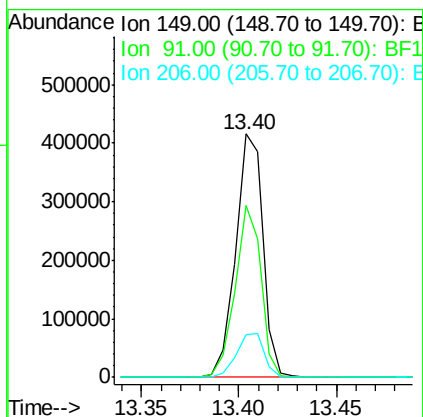
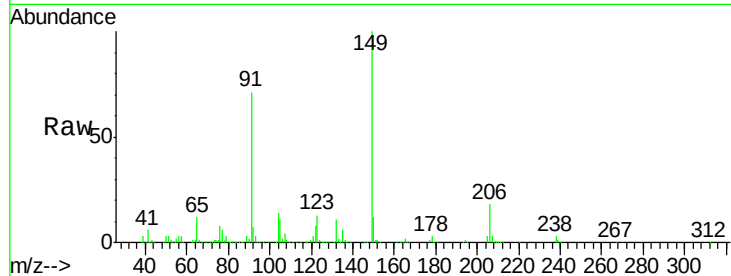




#79
Butylbenzylphthalate
Concen: 46.245 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

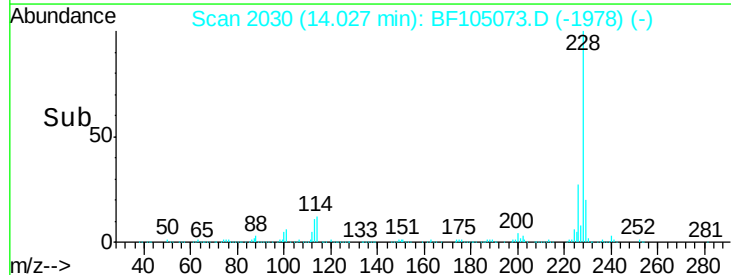
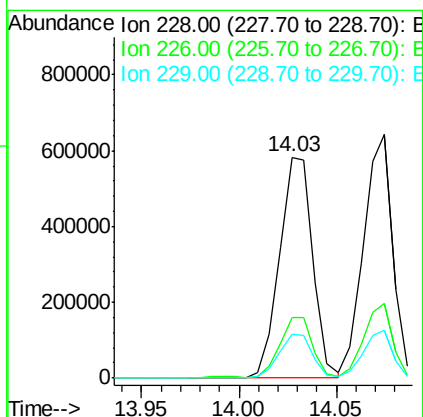
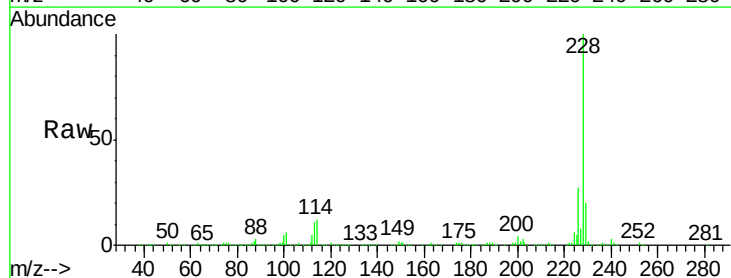
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

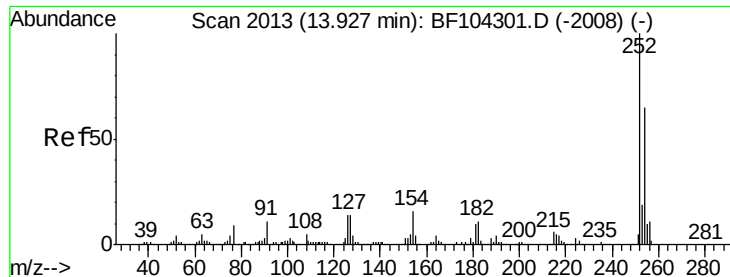
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.6	56.8	85.2
206	17.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 46.157 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.8	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 42.610 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

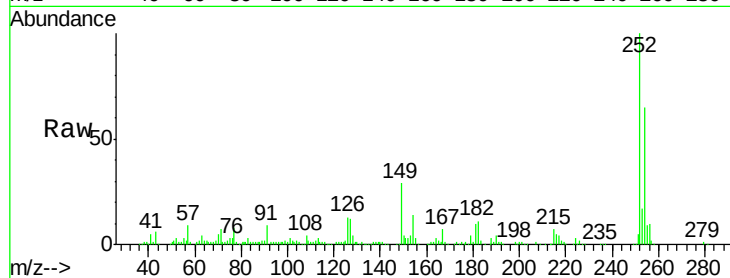
Tot Ion:252 Resp: 236170

Ion Ratio Lower Upper

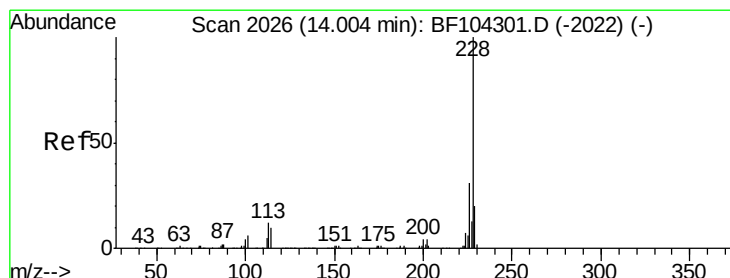
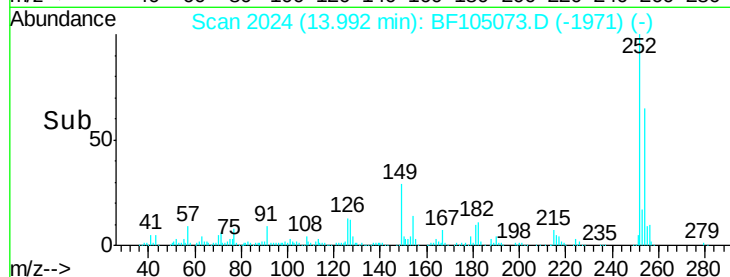
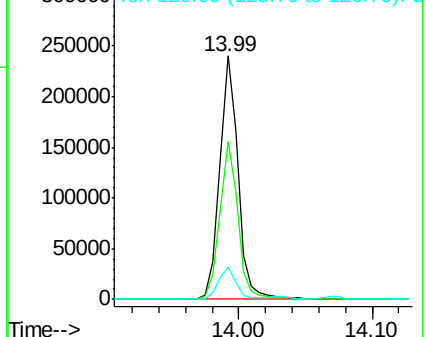
252 100

254 64.6 50.4 75.6

126 13.3 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 43.716 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

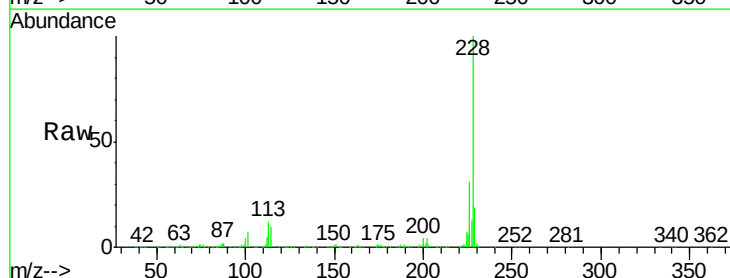
Tgt Ion:228 Resp: 667511

Ion Ratio Lower Upper

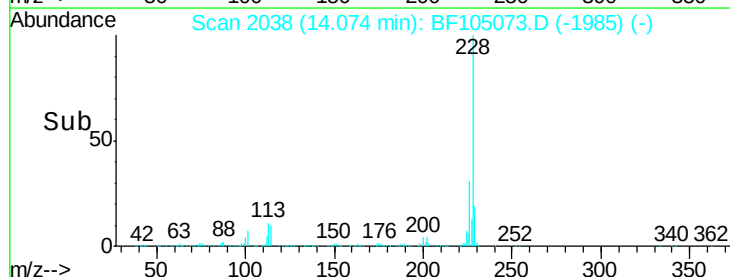
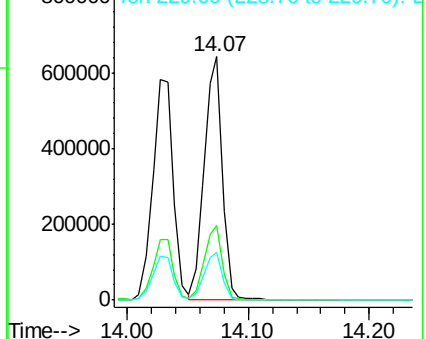
228 100

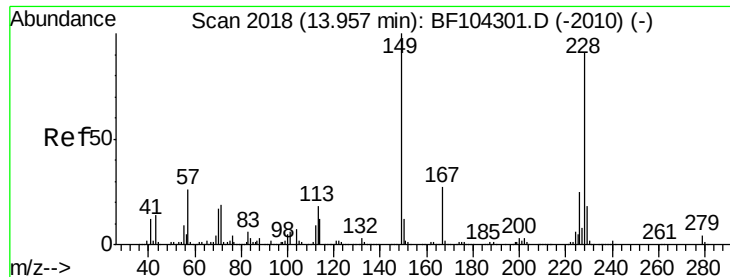
226 30.5 25.0 37.6

229 19.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.615 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

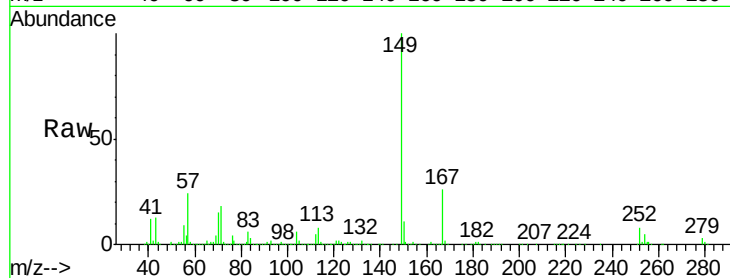
Tot Ion:149 Resp: 543353

Ion Ratio Lower Upper

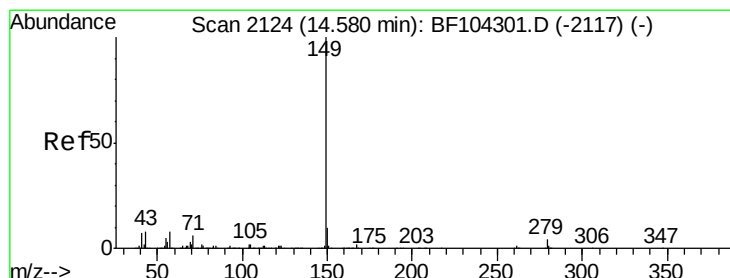
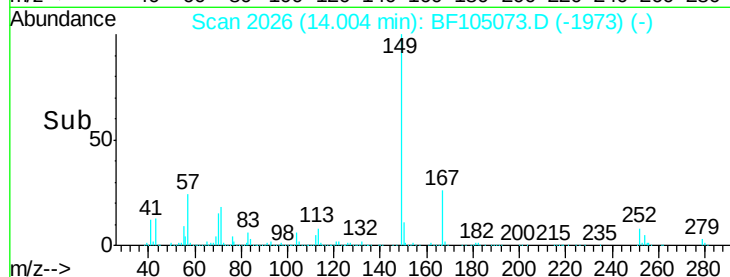
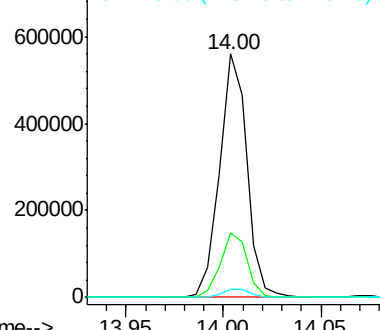
149 100

167 26.3 21.3 31.9

279 3.1 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: 41.730 ng

RT: 14.70 min Scan# 2145

Delta R.T. 0.02 min

Lab File: BF105073.D

Acq: 3 May 2018 15:28

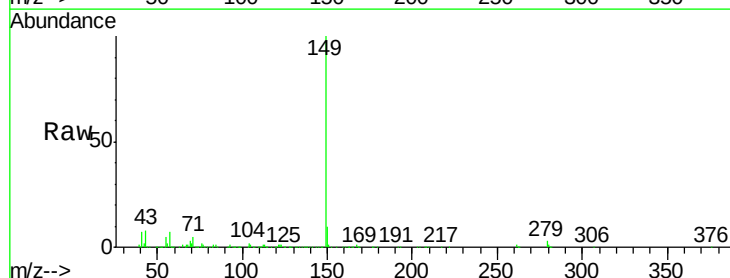
Tgt Ion:149 Resp: 779322

Ion Ratio Lower Upper

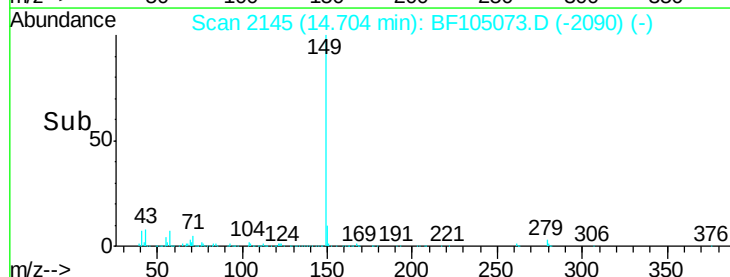
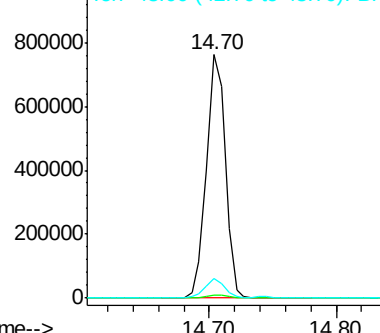
149 100

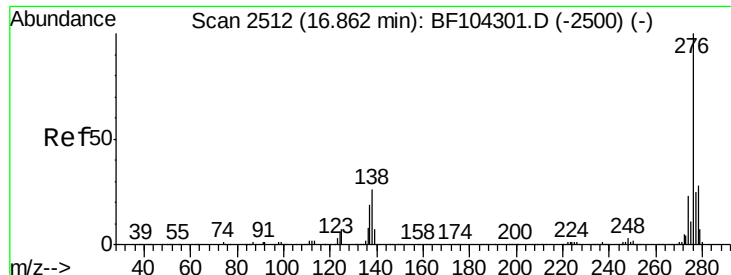
167 1.6 1.2 1.8

43 7.7 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

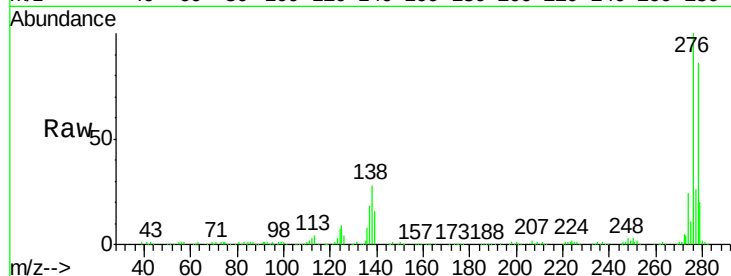




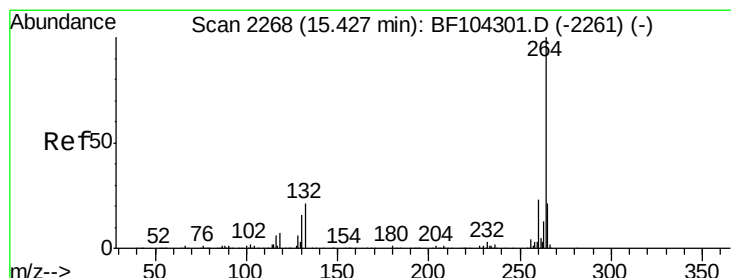
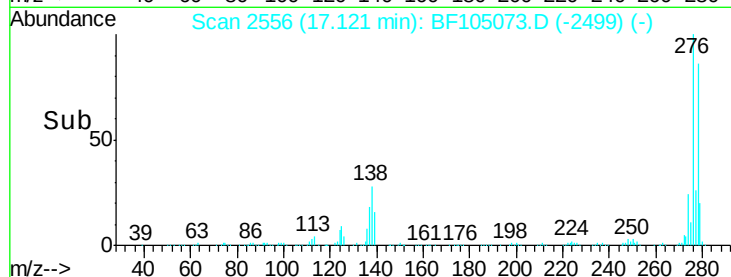
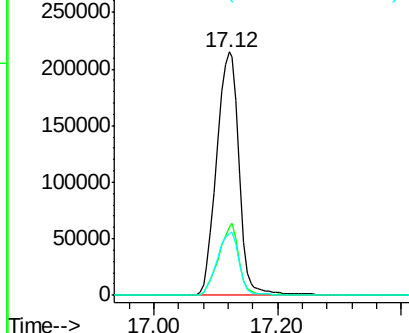
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.789 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. 0.04 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	25.0	37.6
277	25.5	20.1	30.1

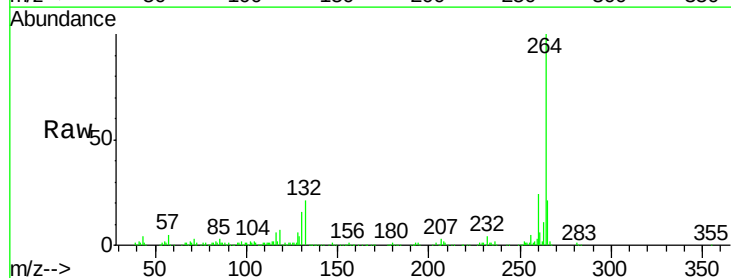


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

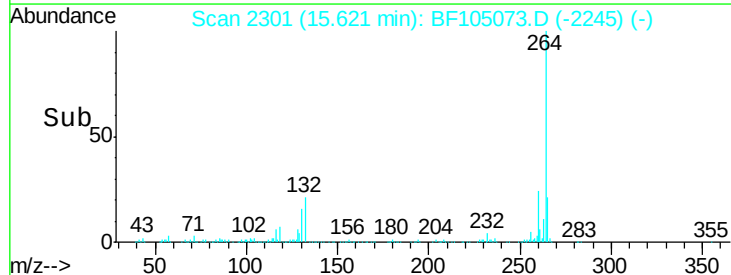
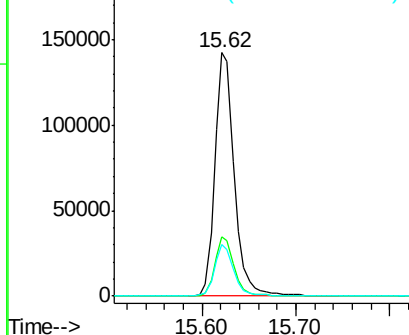


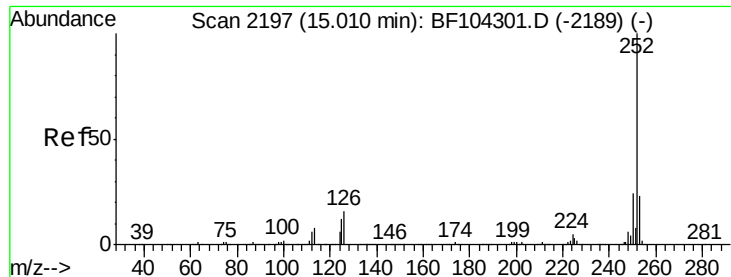
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2301
 Delta R.T. 0.03 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.1	17.5	26.3



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

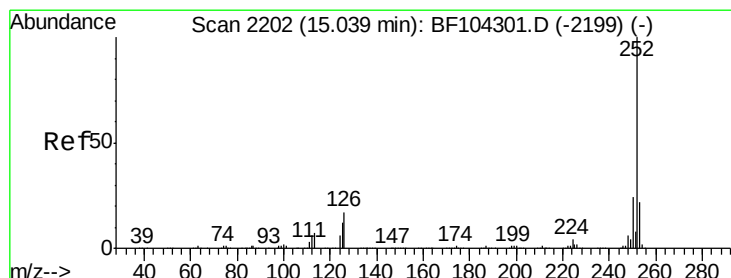
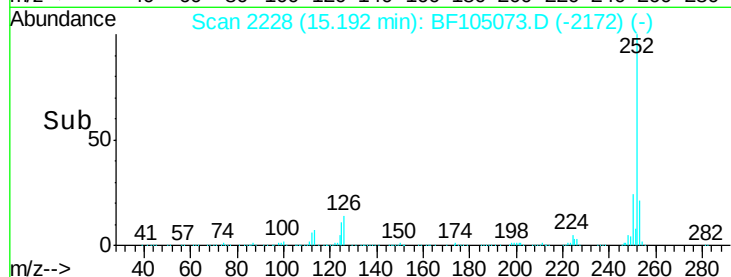
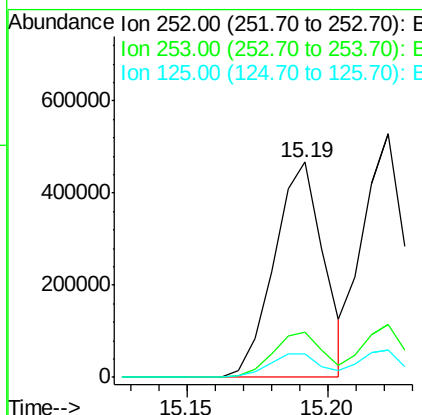
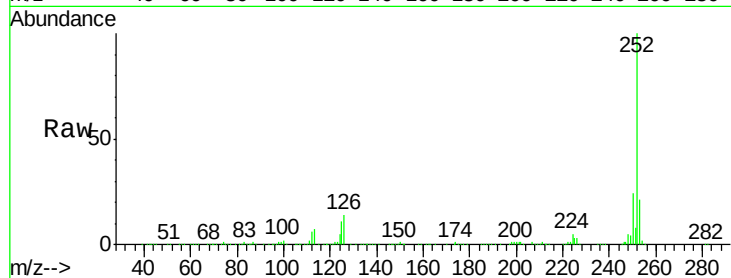




#87
Benzo(b)fluoranthene
Concen: 43.701 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.03 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

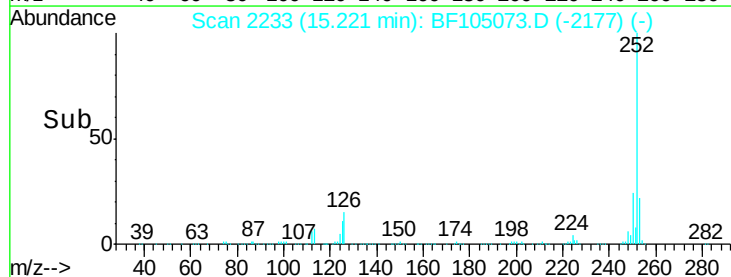
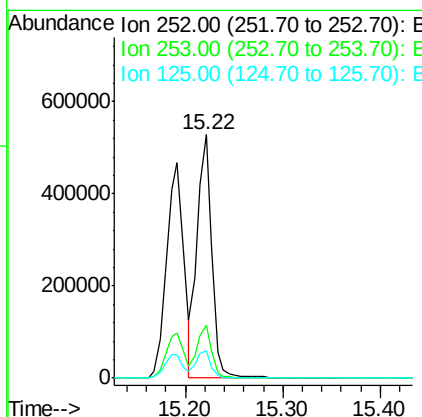
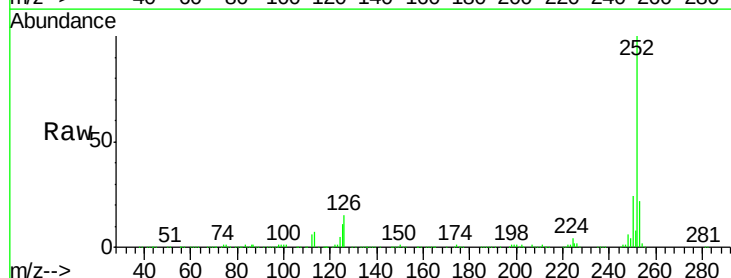
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

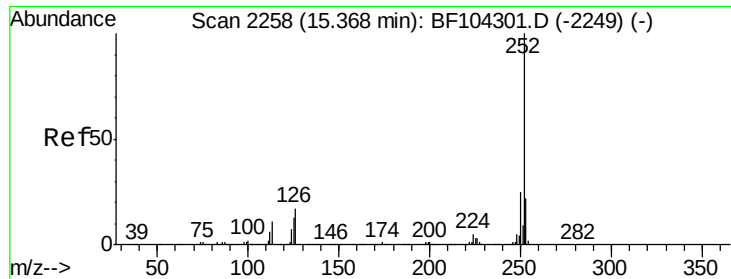
Tot Ion:252 Resp: 568933
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 11.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 44.866 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.03 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:252 Resp: 551445
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 11.2 10.2 15.2

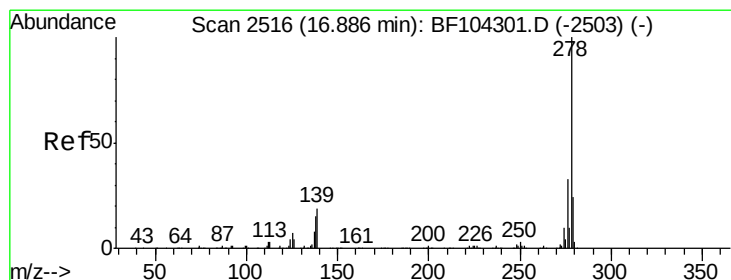
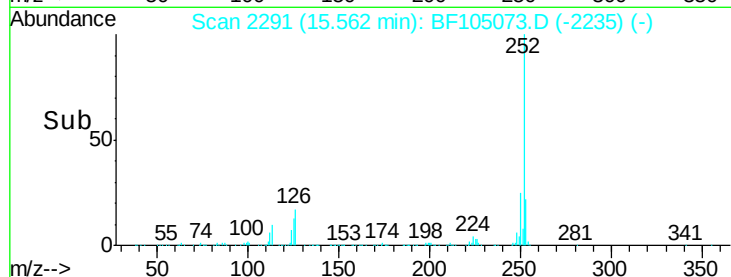
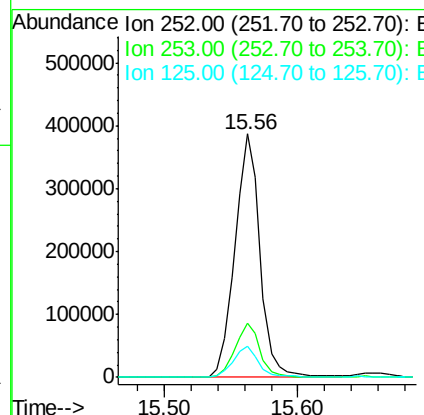
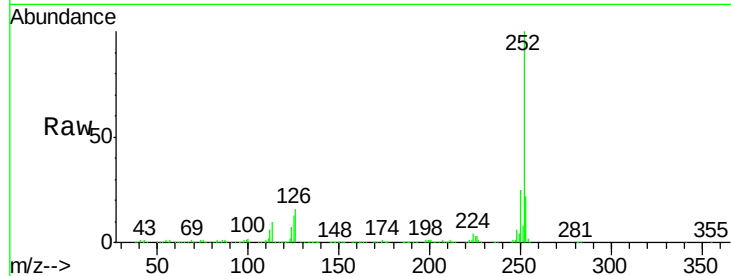




#89
Benzo(a)pyrene
Concen: 43.786 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.03 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

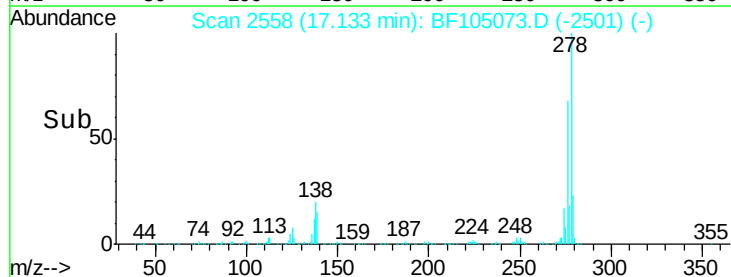
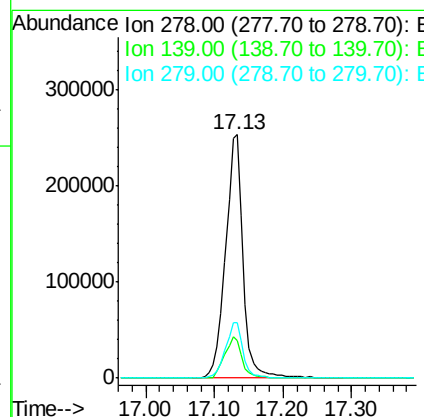
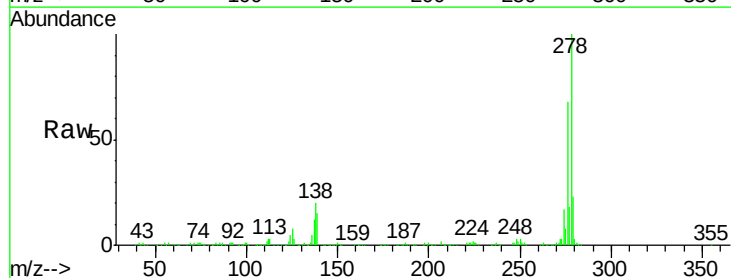
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

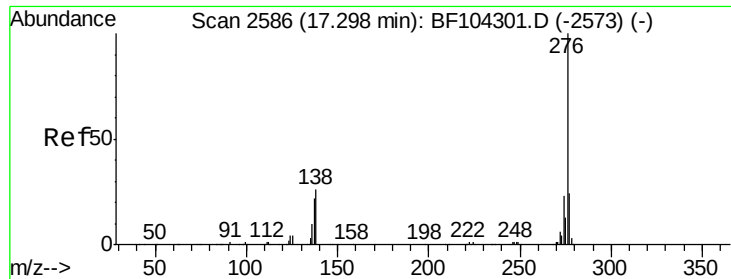
Tot Ion:252 Resp: 510041
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 12.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 47.125 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.04 min
Lab File: BF105073.D
Acq: 3 May 2018 15:28

Tgt Ion:278 Resp: 450843
Ion Ratio Lower Upper
278 100
139 15.3 15.9 23.9#
279 22.7 19.0 28.4

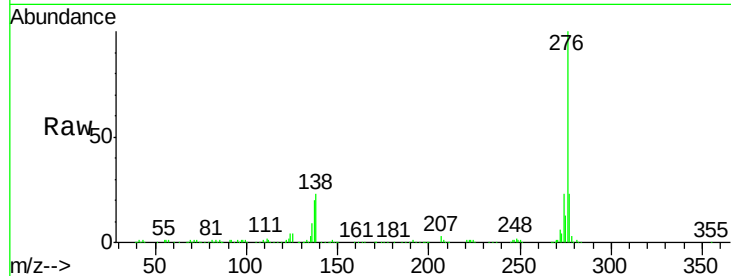




#91
 Benzo(a,h,i)perylene
 Concen: 47.539 ng
 RT: 17.57 min Scan# 2632
 Delta R.T. 0.04 min
 Lab File: BF105073.D
 Acq: 3 May 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	23.4	21.8	32.8



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

