

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103537.D
 Acq On : 9 Mar 2018 1:20
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 09 03:13:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	124888	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	515432	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	205846	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	320044	20.00	ng	0.00
75) Chrysene-d12	14.06	240	220537	20.00	ng	0.00
86) Perylene-d12	15.56	264	192098	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	684396	82.88	ng	0.00
7) Phenol-d6	6.50	99	783471	77.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	701265	77.70	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	98756	56.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1016779	85.10	ng	0.00
78) Terphenyl-d14	12.99	244	657618	71.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	168920	38.732	ng	95
3) Pyridine	3.40	79	423568	36.379	ng	97
4) n-Nitrosodimethylamine	3.36	42	155909	33.202	ng	91
6) Aniline	6.53	93	535260	36.705	ng	# 84
8) 2-Chlorophenol	6.66	128	332572	38.770	ng	94
9) Benzaldehyde	6.43	77	219261	34.238	ng	97
10) Phenol	6.52	94	436968	37.252	ng	87
11) bis(2-Chloroethyl)ether	6.60	93	323564	36.344	ng	93
12) 1,3-Dichlorobenzene	6.80	146	374787	38.232	ng	96
13) 1,4-Dichlorobenzene	6.88	146	393328	40.021	ng	98
14) 1,2-Dichlorobenzene	7.03	146	345600	38.135	ng	99
15) Benzyl Alcohol	7.02	79	262883	34.526	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	543103	35.525	ng	61
17) 2-Methylphenol	7.13	107	284835	36.538	ng	# 86
18) Hexachloroethane	7.37	117	102333	28.602	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	248281	39.482	ng	94
20) 3+4-Methylphenols	7.28	107	372741	39.225	ng	# 40
22) Acetophenone	7.28	105	501053	41.647	ng	# 90
24) Nitrobenzene	7.46	77	394635	39.713	ng	96
25) Isophorone	7.69	82	679211	38.210	ng	95
26) 2-Nitrophenol	7.77	139	145032	31.003	ng	# 89
27) 2,4-Dimethylphenol	7.80	122	263346	36.829	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	400437	38.315	ng	99
29) 2,4-Dichlorophenol	8.02	162	257871	37.668	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	267422	36.682	ng	99
31) Naphthalene	8.17	128	920497	36.478	ng	99
32) Benzoic acid	7.93	122	109802	24.631	ng	95
33) 4-Chloroaniline	8.23	127	409554	37.611	ng	95
34) Hexachlorobutadiene	8.27	225	137796	36.297	ng	99
35) Caprolactam	8.60	113	80634	33.513	ng	# 79
36) 4-Chloro-3-methylphenol	8.72	107	281889	36.506	ng	99
37) 2-Methylnaphthalene	8.86	142	571619	35.050	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	224416	39.879	ng	99
42) 2,4,6-Trichlorophenol	9.15	196	137817	36.396	ng	99

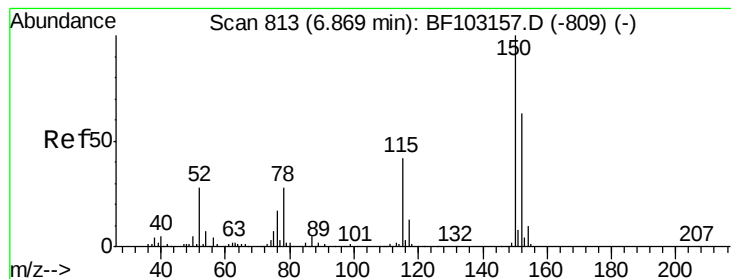
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	155301	35.660	nq	97
45) 1,1'-Biphenyl	9.33	154	696885	40.402	nq	97
46) 2-Chloronaphthalene	9.36	162	538538	39.464	nq	99
47) 2-Nitroaniline	9.46	65	223878	44.290	nq	86
48) Acenaphthylene	9.77	152	769490	36.649	nq	99
49) Dimethylphthalate	9.62	163	596604	36.129	nq	100
50) 2,6-Dinitrotoluene	9.70	165	114040	32.908	nq #	79
51) Acenaphthene	9.94	154	443138	36.195	nq	100
52) 3-Nitroaniline	9.87	138	172599	39.257	nq	92
53) 2,4-Dinitrophenol	10.06	184	123	9.708	nq #	1
54) Dibenzofuran	10.12	168	609780	36.282	nq	97
55) 4-Nitrophenol	10.07	139	36855	13.525	nq #	83
56) 2,4-Dinitrotoluene	10.12	165	129607	29.572	nq #	59
57) Fluorene	10.46	166	489753	34.208	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	88813	30.357	nq	94
59) Diethylphthalate	10.32	149	578660	36.639	nq	100
60) 4-Chlorophenyl-phenylether	10.45	204	220125	36.257	nq	98
61) 4-Nitroaniline	10.50	138	157897	35.956	nq	97
62) Azobenzene	10.60	77	597676	37.178	nq	94
64) 4,6-Dinitro-2-methylphenol	10.55	198	2570	6.129	nq #	36
65) n-Nitrosodiphenylamine	10.56	169	442484	39.708	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	119677	35.897	nq	97
67) Hexachlorobenzene	11.01	284	122487	33.849	nq	99
68) Atrazine	11.09	200	98138	29.300	nq	99
69) Pentachlorophenol	11.22	266	37508	21.437	nq	97
70) Phenanthrene	11.43	178	622088	35.320	nq	98
71) Anthracene	11.48	178	669227	37.054	nq	99
72) Carbazole	11.64	167	676301	37.602	nq	99
73) Di-n-butylphthalate	11.94	149	870492	38.679	nq	99
74) Fluoranthene	12.62	202	617973	34.915	nq	99
76) Benzidine	12.75	184	337336	40.915	nq	100
77) Pyrene	12.86	202	640512	37.251	nq	99
79) Butylbenzylphthalate	13.45	149	345320	38.012	nq	93
80) Benzo(a)anthracene	14.04	228	507352	35.456	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	196363	38.452	nq	99
82) Chrysene	14.09	228	506287	36.439	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	453779	37.015	nq #	99
84) Di-n-octyl phthalate	14.62	149	789545	39.862	nq	95
85) Indeno(1,2,3-cd)pyrene	17.11	276	372186	33.837	nq	97
87) Benzo(b)fluoranthene	15.12	252	416758	32.997	nq	98
88) Benzo(k)fluoranthene	15.15	252	458106	38.518	nq	98
89) Benzo(a)pyrene	15.50	252	391716	34.730	nq	98
90) Dibenzo(a,h)anthracene	17.11	278	320951	36.826	nq	98
91) Benzo(g,h,i)perylene	17.58	276	307882	36.146	nq	97

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

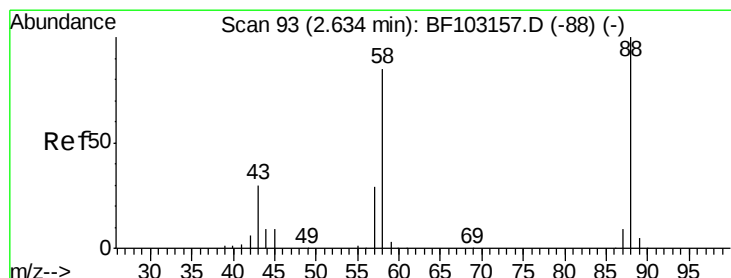
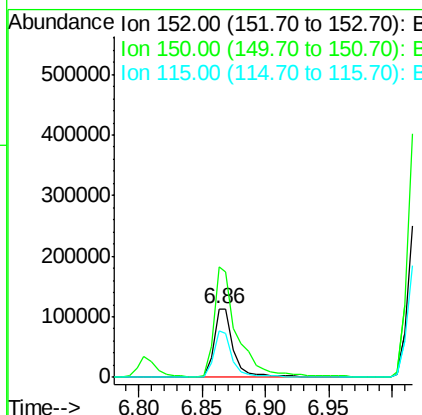
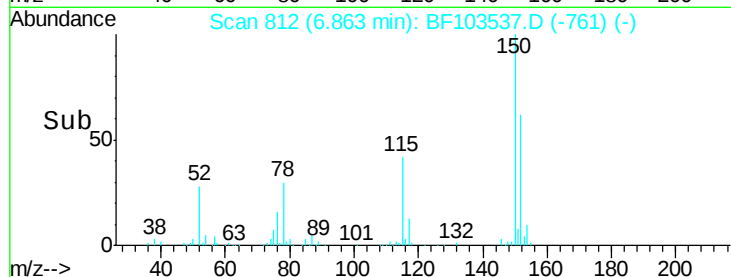
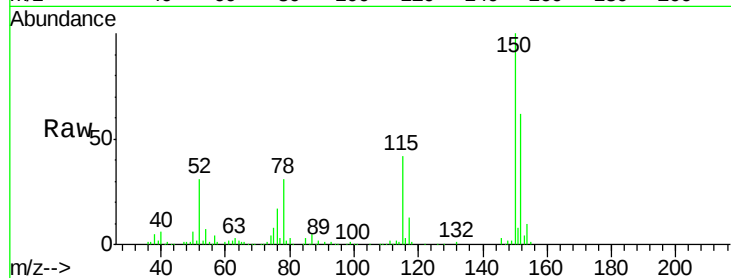


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

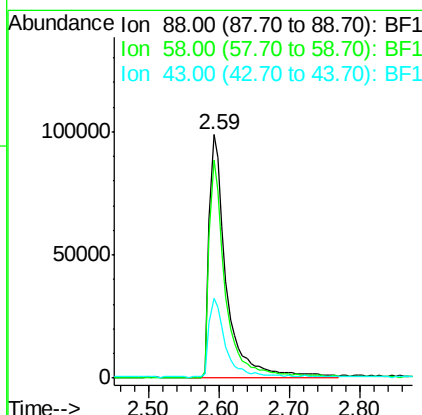
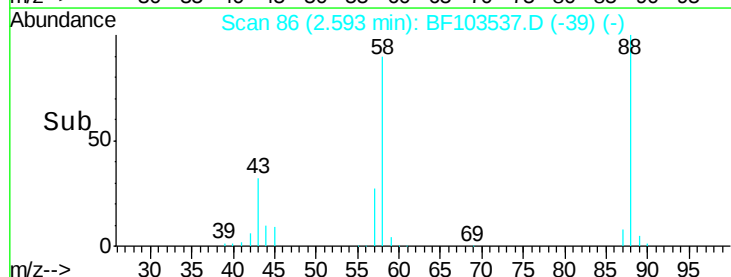
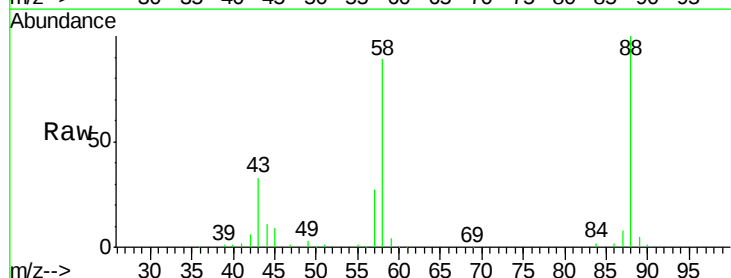
Tot Ion:152 Resp: 124888
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 68.0 50.1 75.1

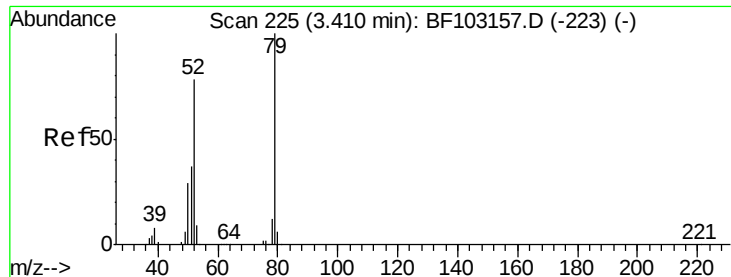


#2

1,4-Dioxane
Concen: 38.732 ng
RT: 2.59 min Scan# 86
Delta R.T. -0.02 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion: 88 Resp: 168920
Ion Ratio Lower Upper
88 100
58 83.9 62.6 93.8
43 30.7 24.6 37.0

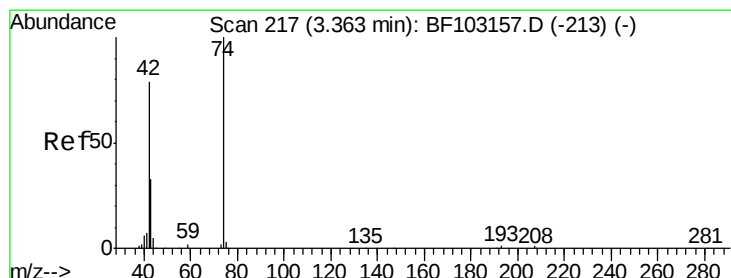
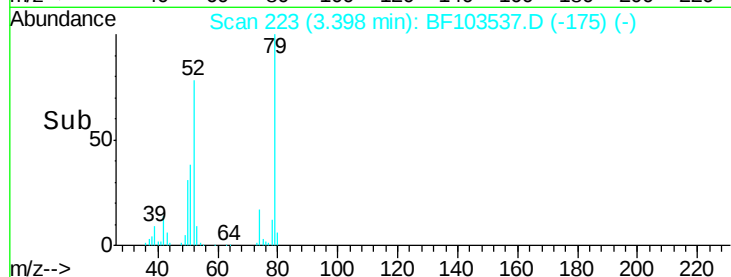
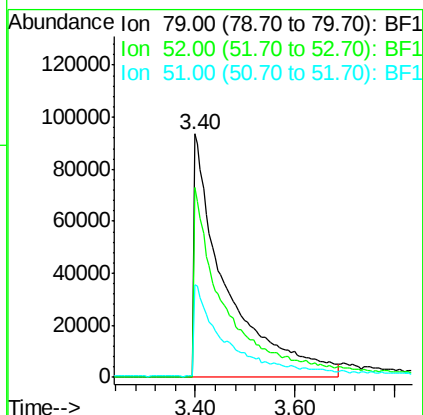
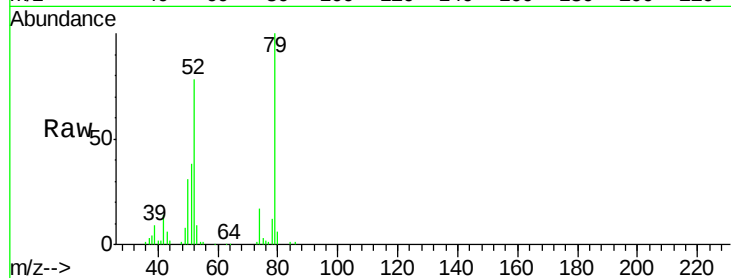




#3
 Pvridine
 Concen: 36.379 ng
 RT: 3.40 min Scan# 223
 Delta R.T. -0.02 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

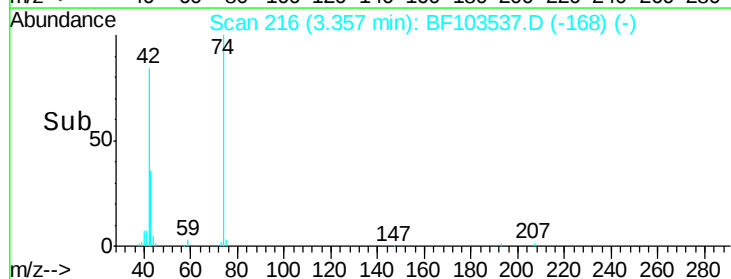
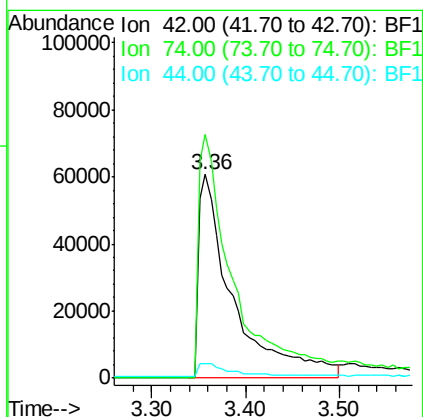
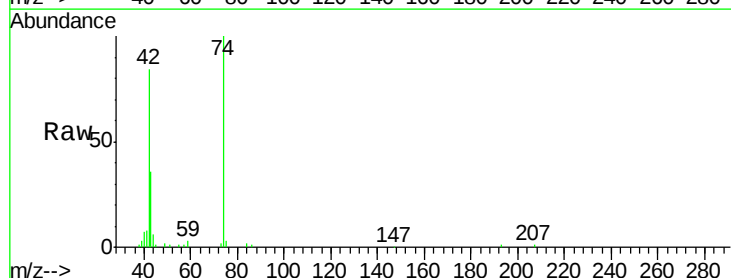
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 423568
 Ion Ratio Lower Upper
 79 100
 52 77.9 59.8 89.6
 51 38.2 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 33.202 ng
 RT: 3.36 min Scan# 216
 Delta R.T. -0.02 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion: 42 Resp: 155909
 Ion Ratio Lower Upper
 42 100
 74 119.7 104.9 157.3
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 82.882 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

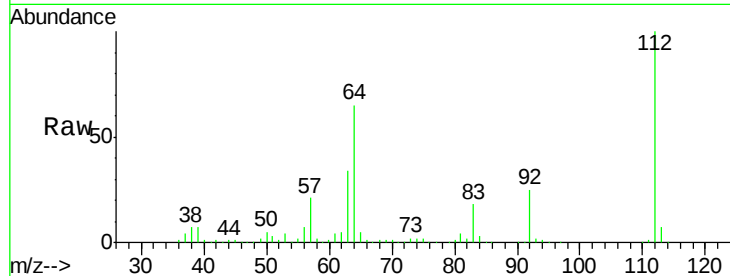
Tot Ion:112 Resp: 684396

Ion Ratio Lower Upper

112 100

64 65.3 47.9 71.9

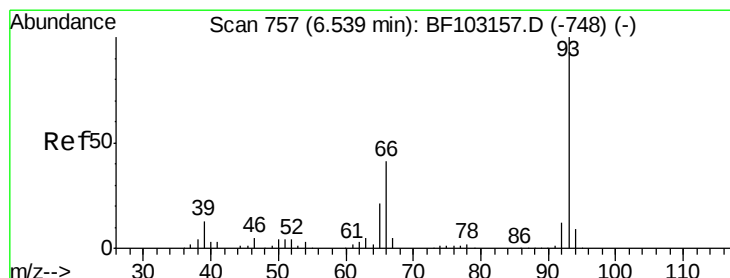
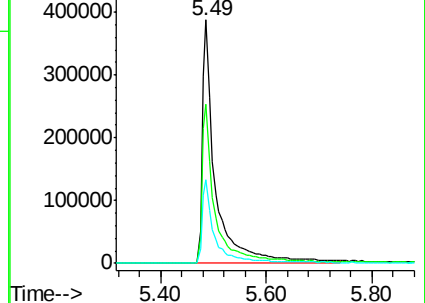
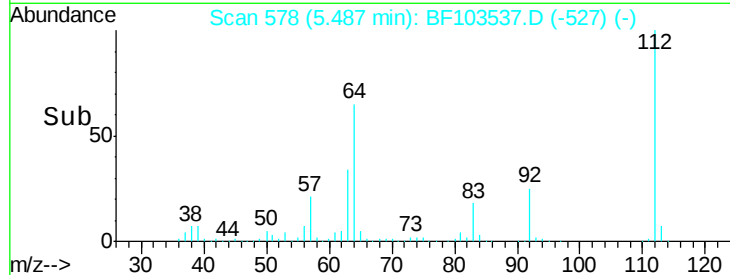
63 34.1 23.7 35.5



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: 36.705 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

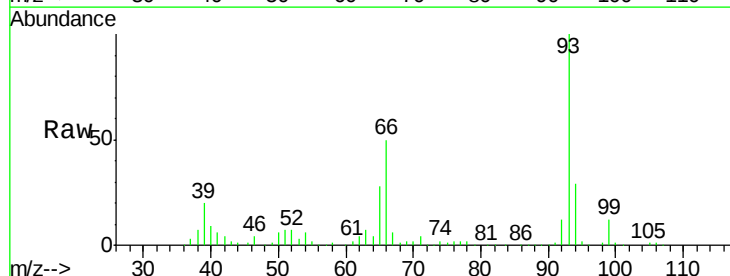
Tgt Ion: 93 Resp: 535260

Ion Ratio Lower Upper

93 100

66 50.0 32.2 48.2#

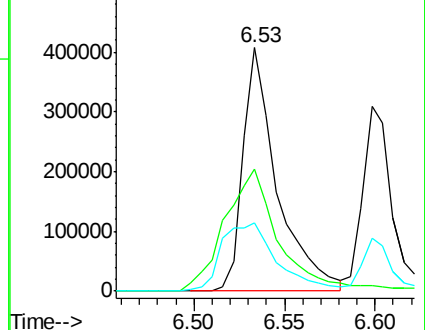
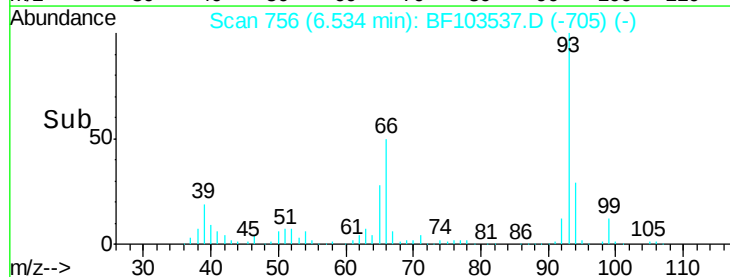
65 28.2 16.4 24.6#

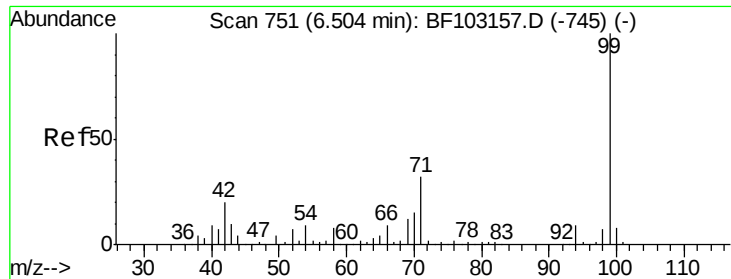


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.539 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

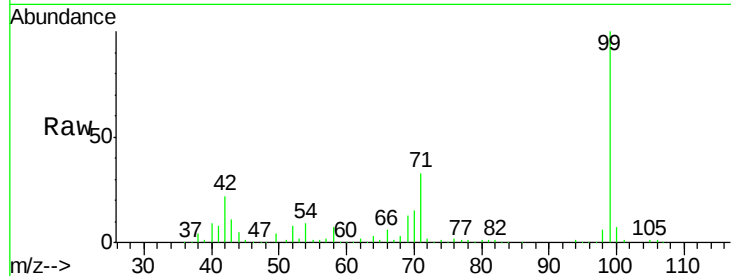
Tot Ion: 99 Resp: 783471

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7#

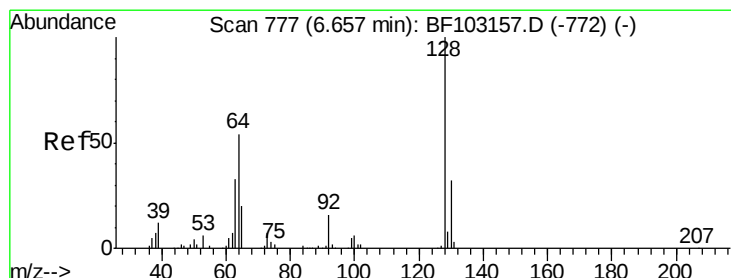
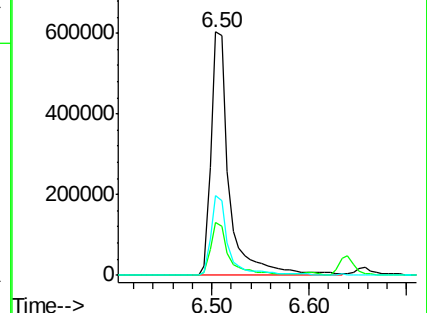
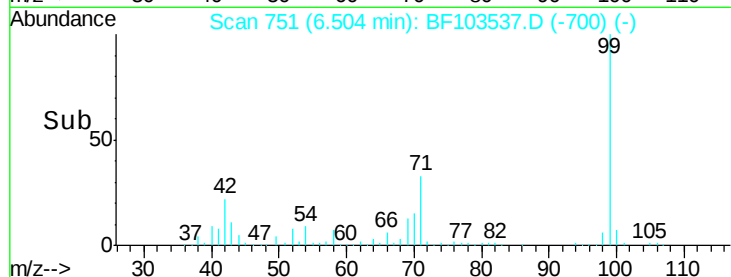
71 33.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.770 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

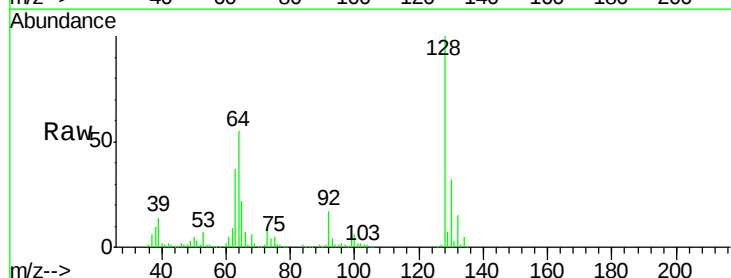
Tgt Ion: 128 Resp: 332572

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

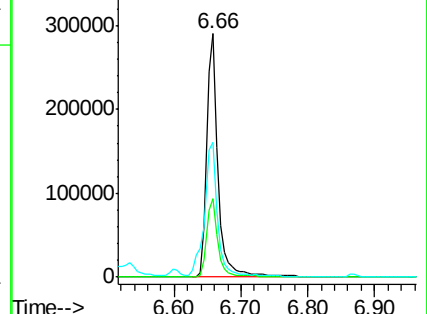
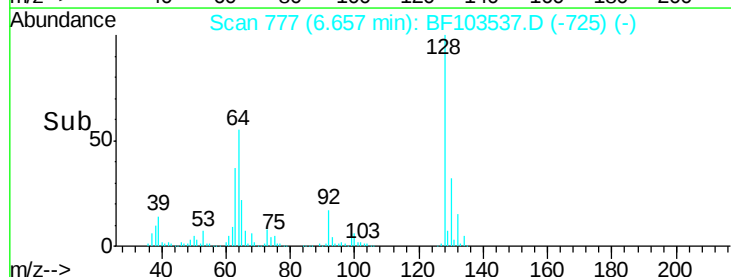
64 55.2 29.4 69.4

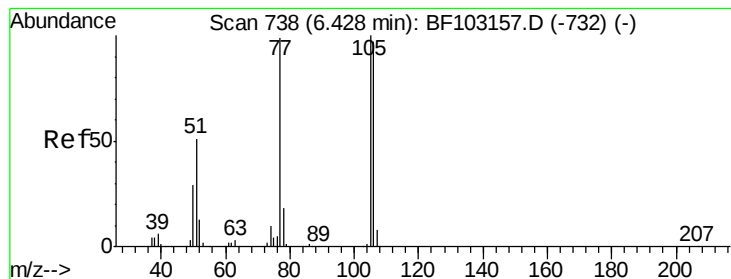


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.238 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

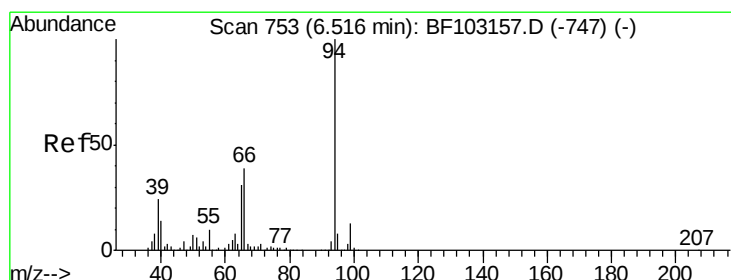
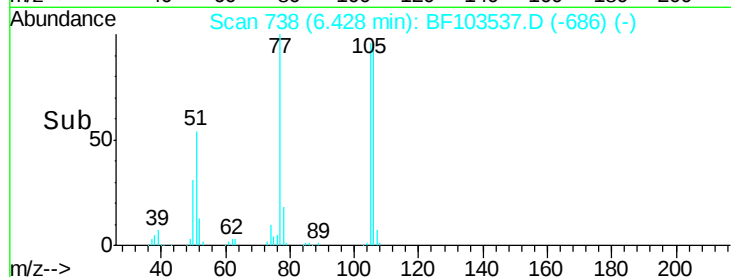
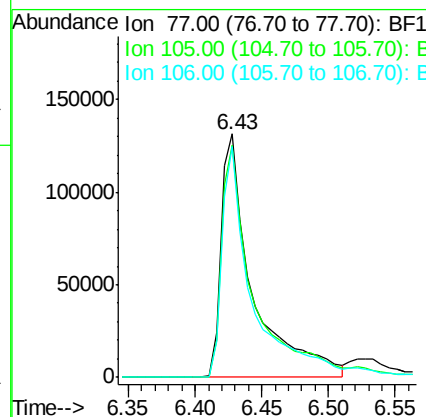
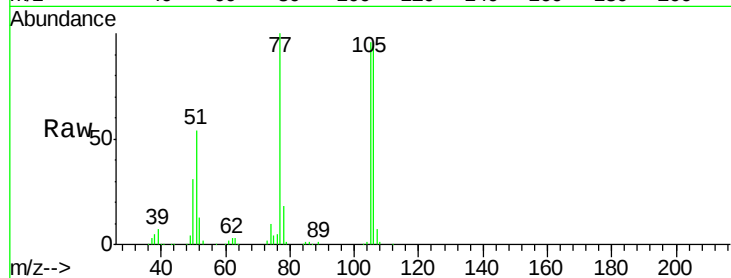
Tot Ion: 77 Resp: 219261

Ion Ratio Lower Upper

77 100

105 95.6 81.1 121.1

106 94.6 74.5 114.5



#10

Phenol

Concen: 37.252 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

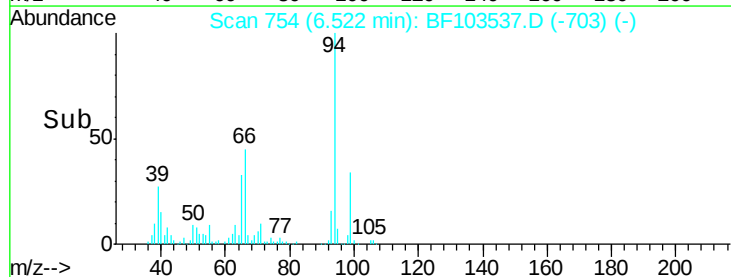
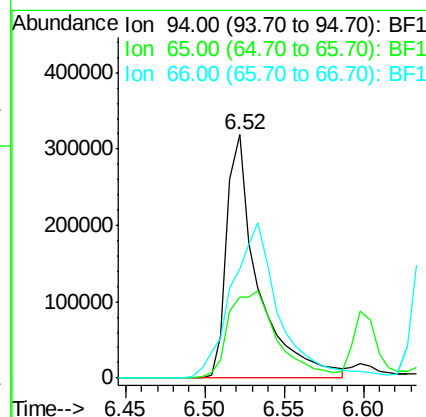
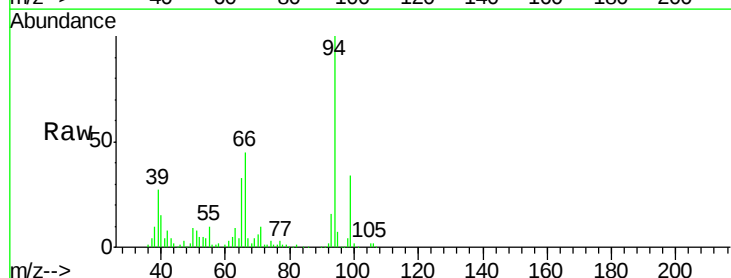
Tgt Ion: 94 Resp: 436968

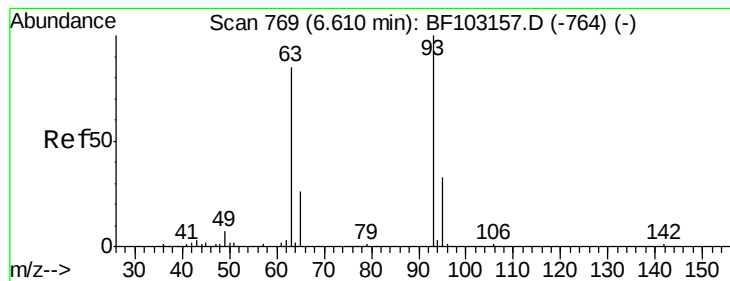
Ion Ratio Lower Upper

94 100

65 33.4 7.9 47.9

66 45.1 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.344 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

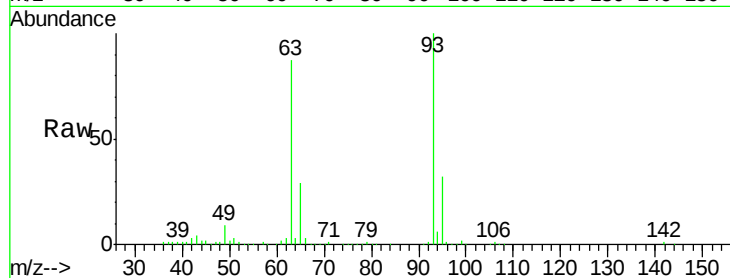
Tot Ion: 93 Resp: 323564

Ion Ratio Lower Upper

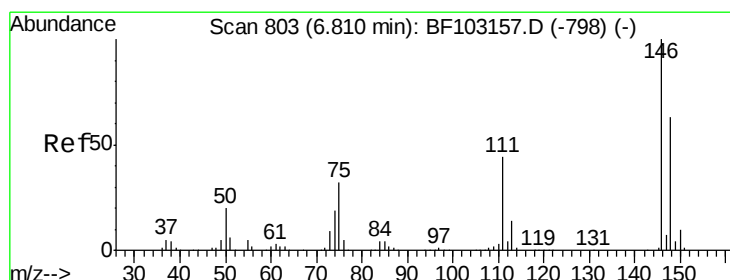
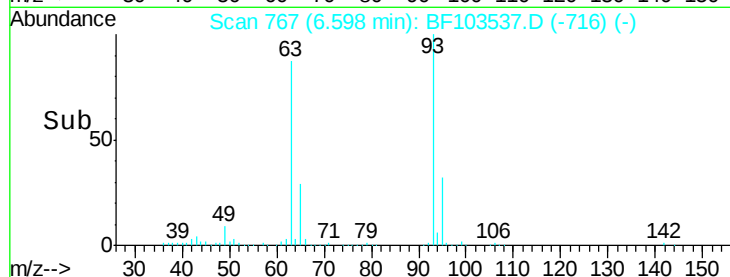
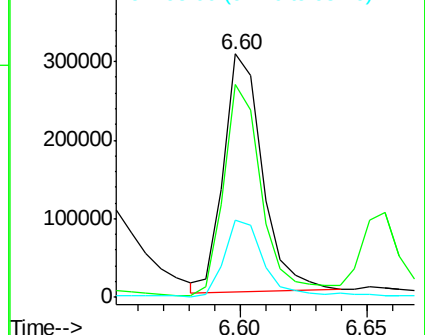
93 100

63 87.4 58.6 98.6

95 31.6 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: 38.232 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

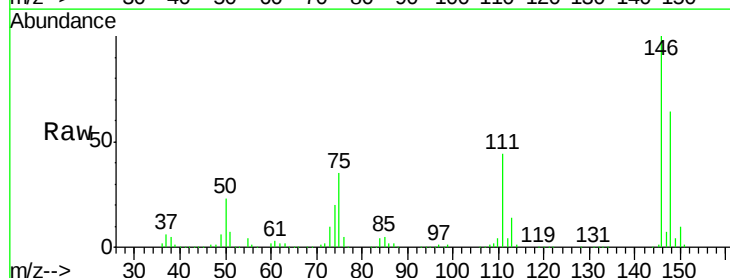
Tgt Ion: 146 Resp: 374787

Ion Ratio Lower Upper

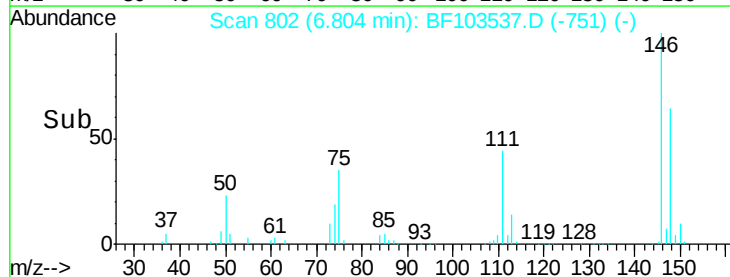
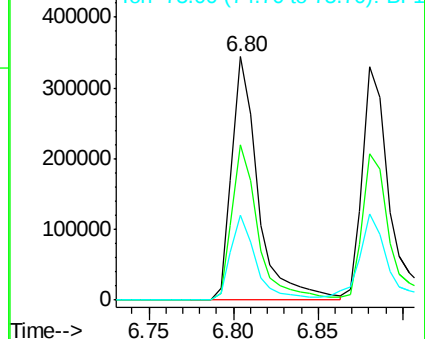
146 100

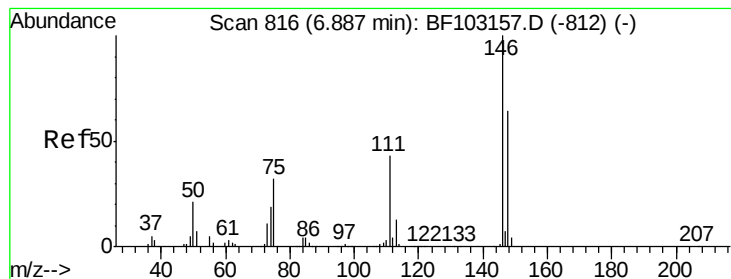
148 63.9 51.8 77.8

75 35.0 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: 40.021 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

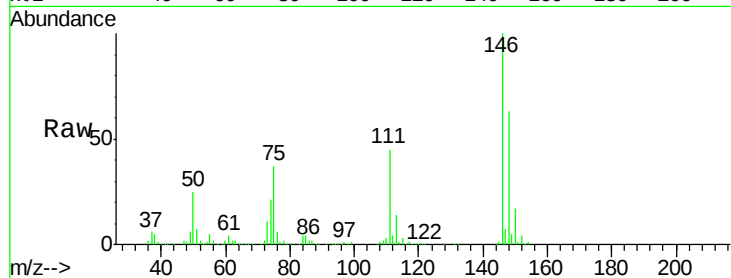
Tot Ion:146 Resp: 393328

Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

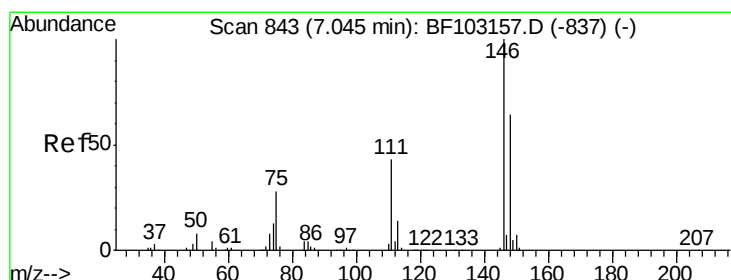
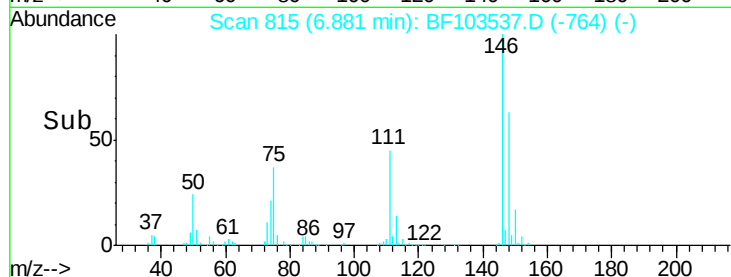
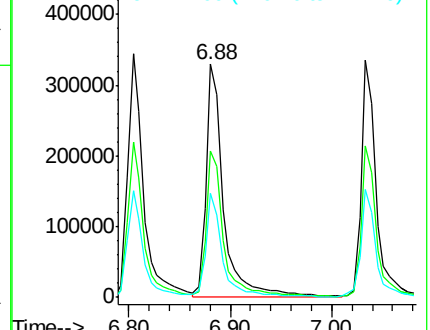
111 44.5 34.2 51.2



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: 38.135 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

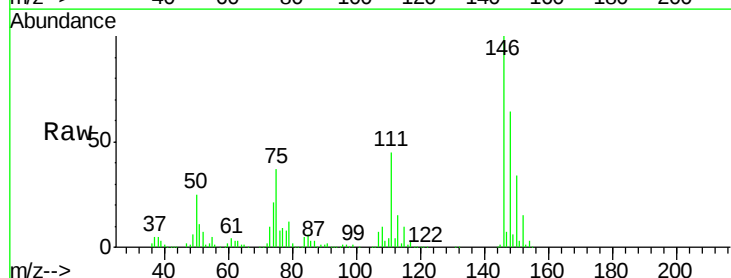
Tgt Ion:146 Resp: 345600

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

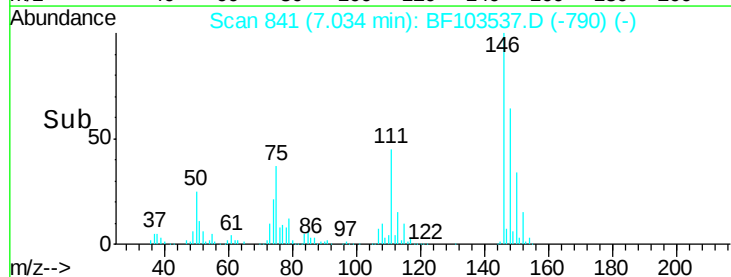
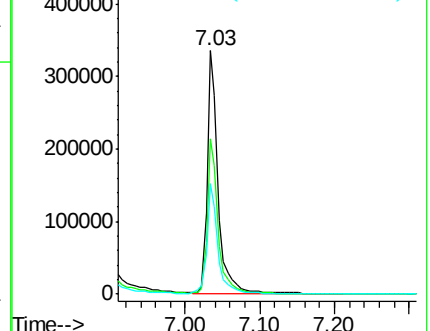
111 45.3 36.0 54.0

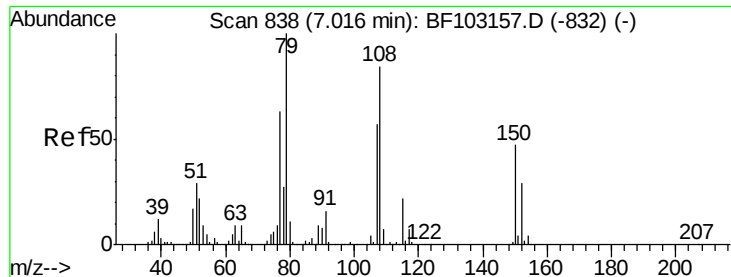


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.526 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

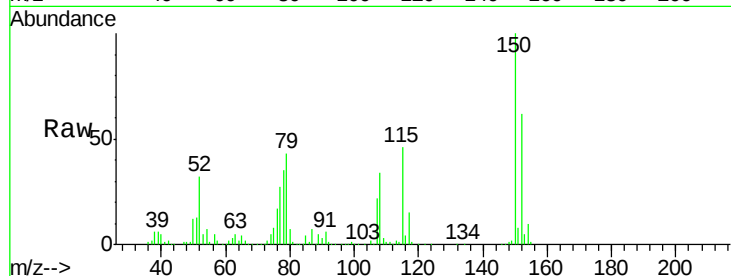
Tot Ion: 79 Resp: 262883

Ion Ratio Lower Upper

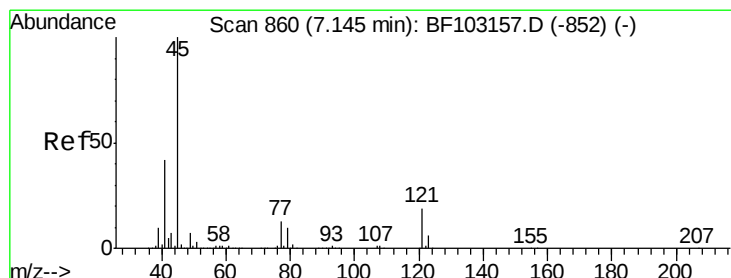
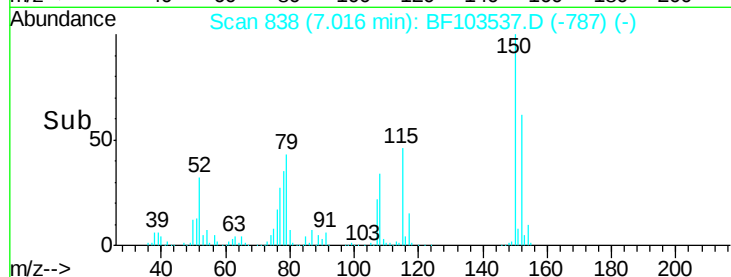
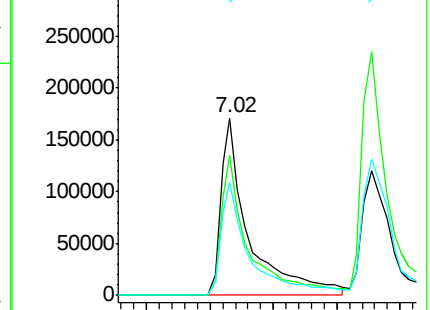
79 100

108 79.2 65.1 97.7

77 63.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.525 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

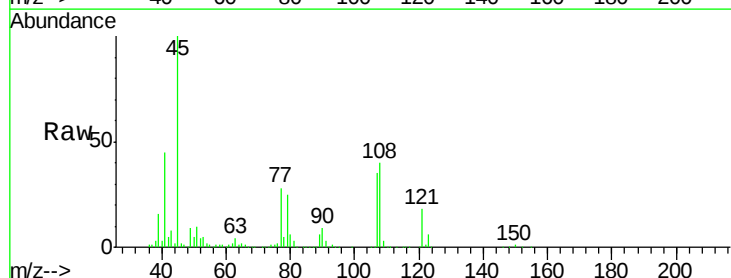
Tgt Ion: 45 Resp: 543103

Ion Ratio Lower Upper

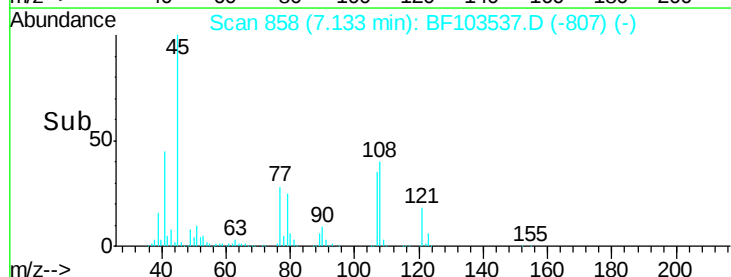
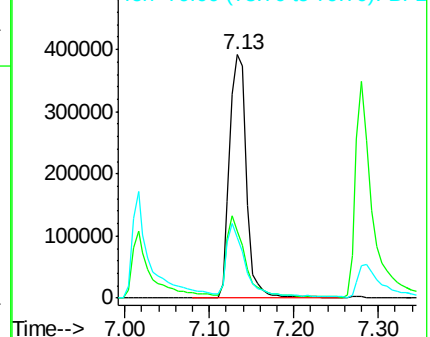
45 100

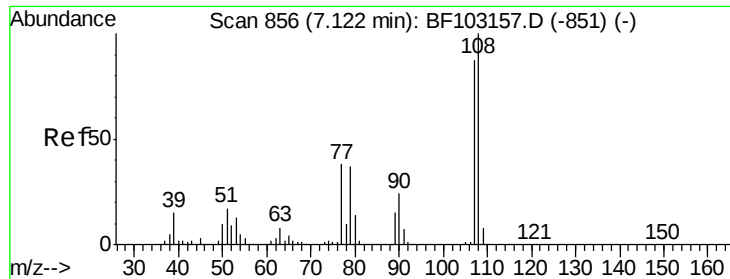
77 27.8 0.0 32.9

79 24.7 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

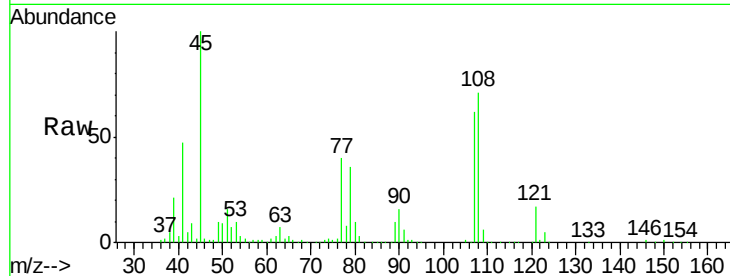




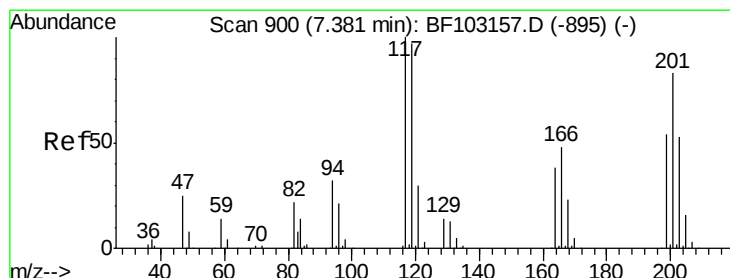
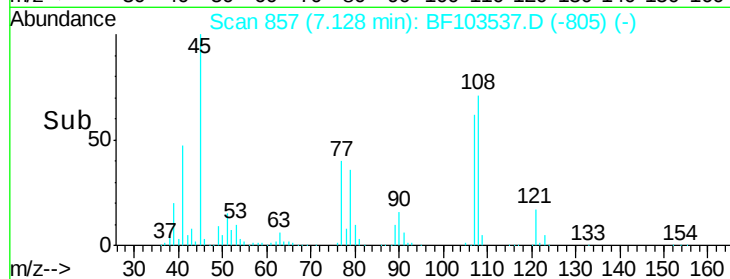
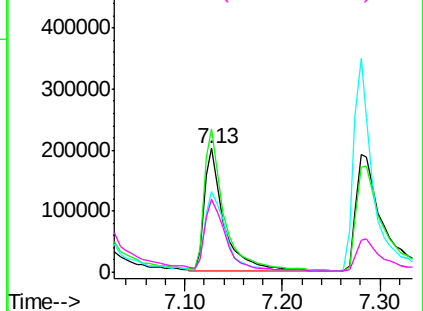
#17
2-Methylphenol
Concen: 36.538 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 284835
Ion Ratio Lower Upper
107 100
108 115.6 91.7 137.5
77 64.8 33.8 50.8#
79 58.9 33.8 50.8#

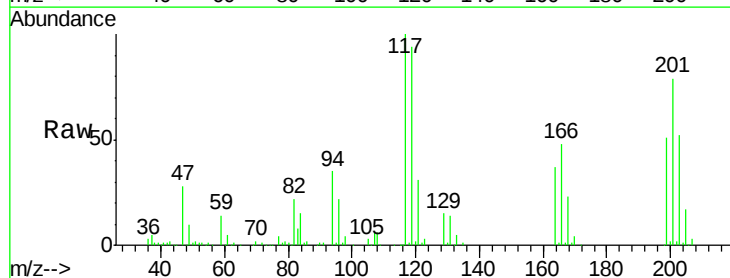


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

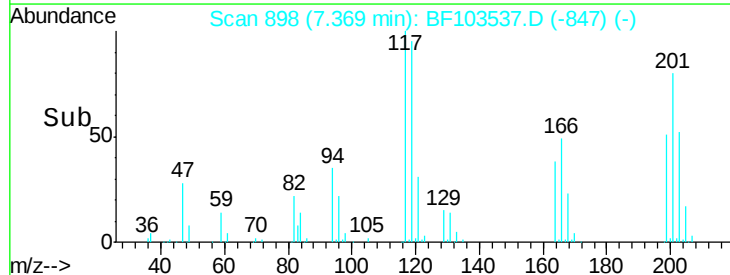
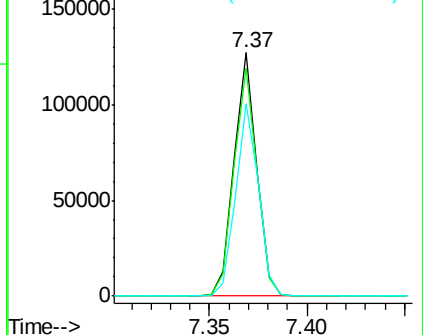


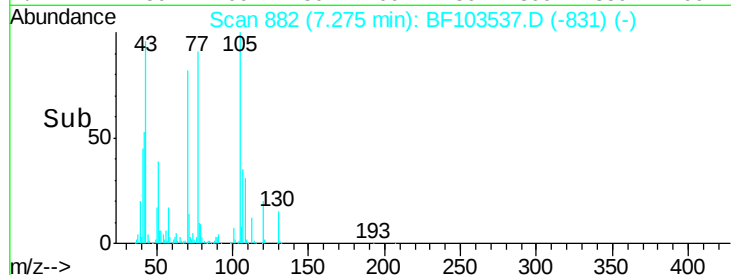
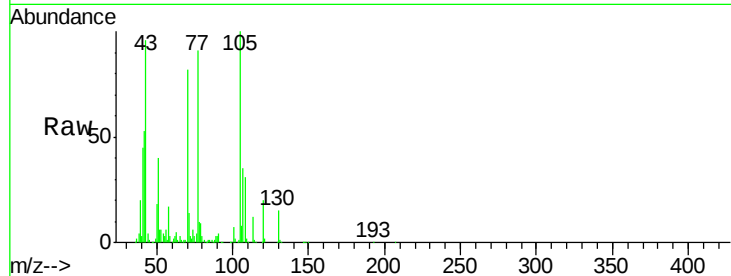
#18
Hexachloroethane
Concen: 28.602 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:117 Resp: 102333
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.8
201 79.1 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

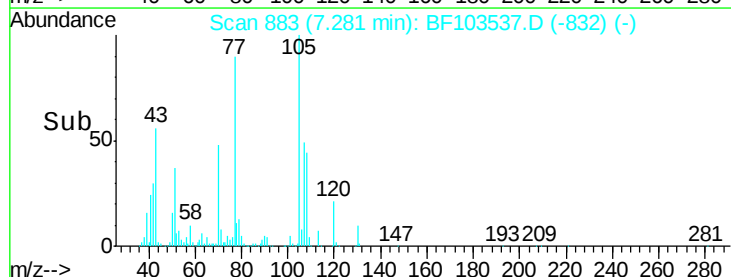
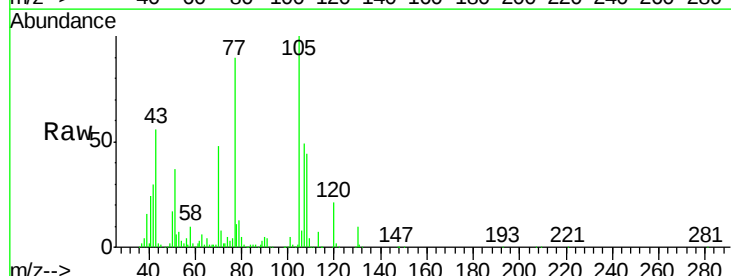
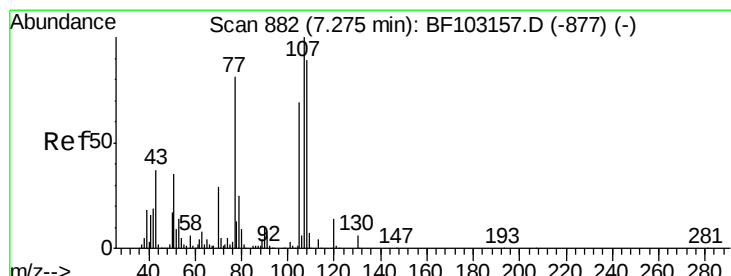
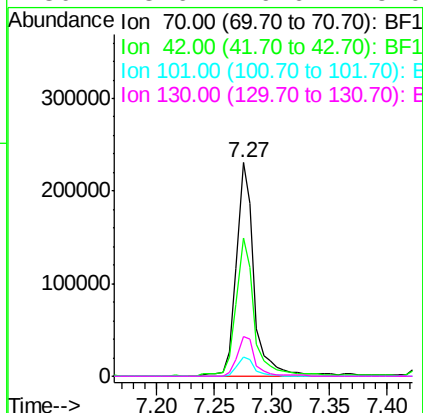




#19
n-Nitroso-di-n-propylamine
Concen: 39.482 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

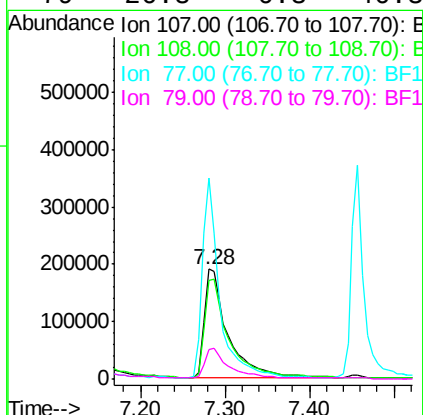
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

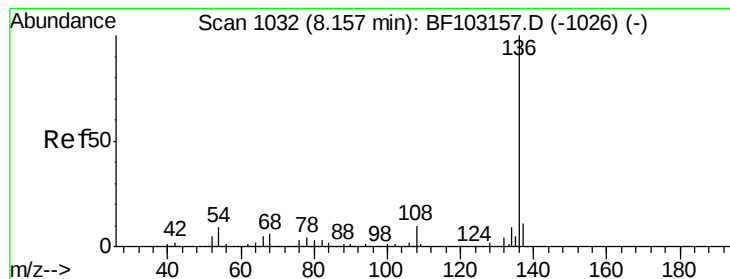
Tot Ion	Ratio	Lower	Upper
70	100		
42	64.9	47.5	71.3
101	8.8	7.4	11.2
130	18.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.225 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.2	108.2
77	182.2	26.7	66.7#
79	26.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 515432

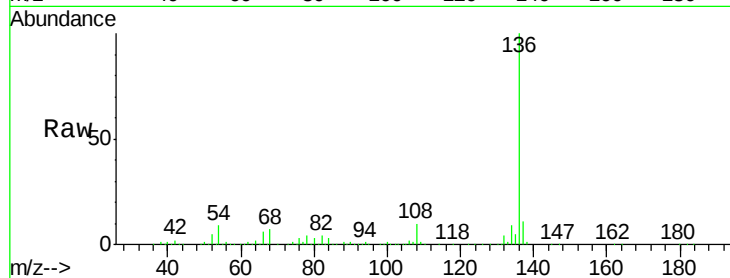
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.6 6.6 9.8

68 6.7 5.0 7.4

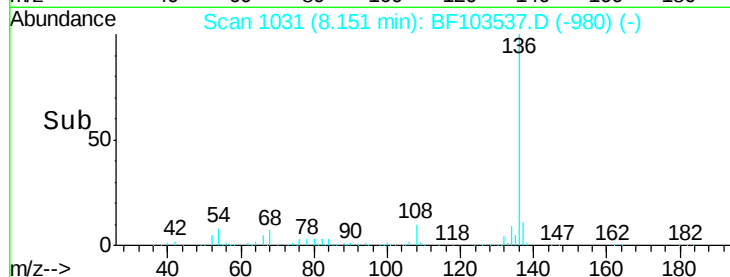


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

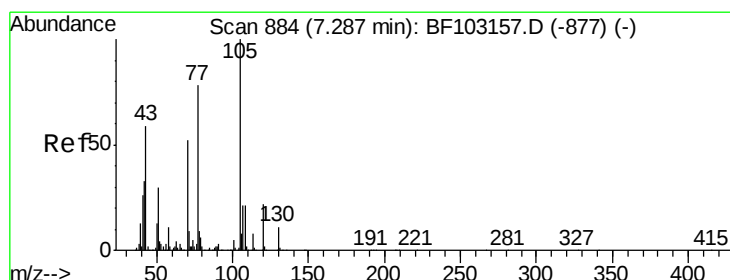
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



8.15

Time-->



#22

Acetophenone

Concen: 41.647 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Tgt Ion:105 Resp: 501053

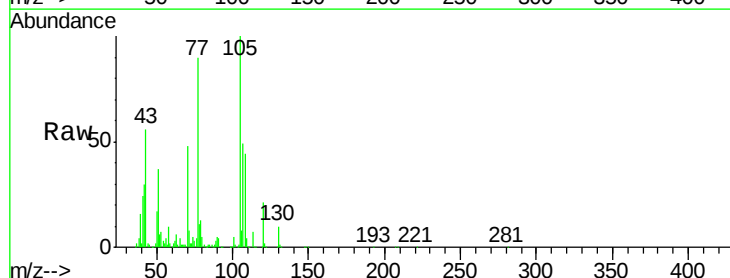
Ion Ratio Lower Upper

105 100

71 8.0 4.4 6.6#

51 36.8 22.3 33.5#

120 20.6 16.9 25.3

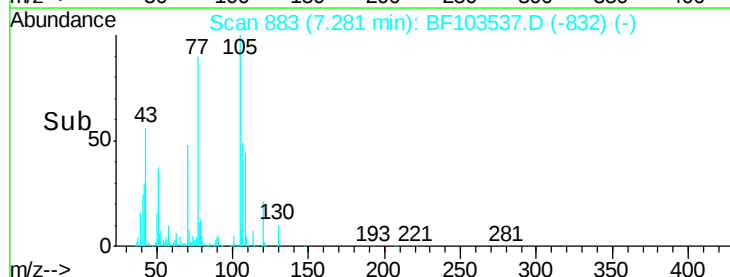


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

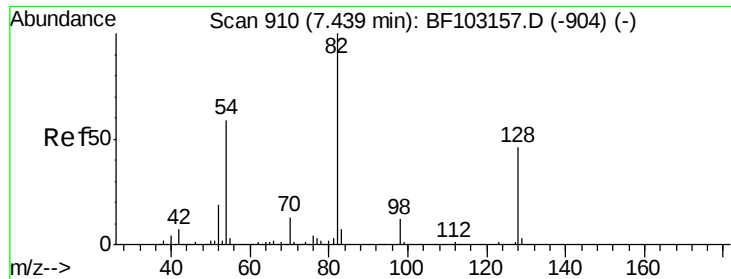
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



7.28

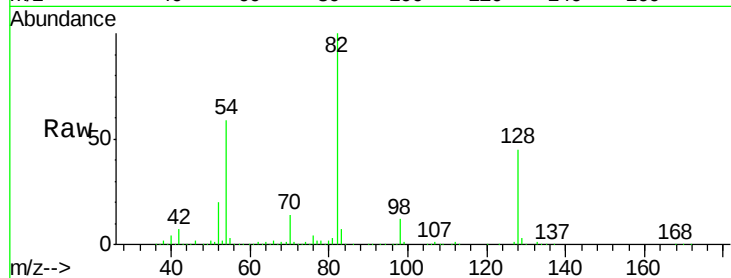
Time-->



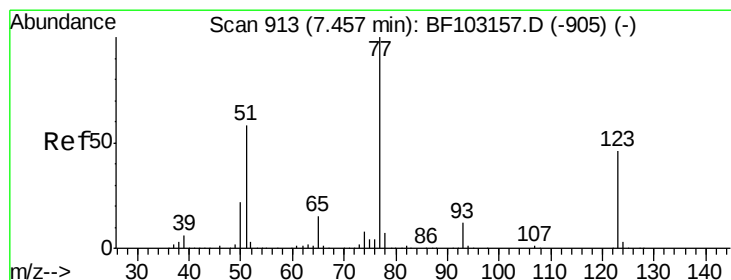
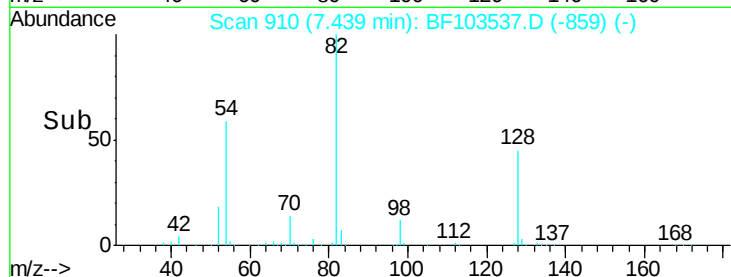
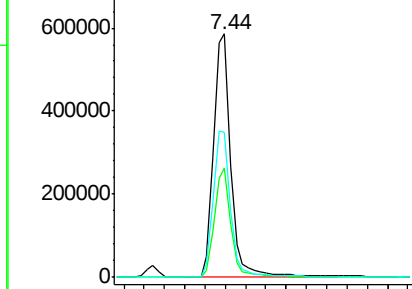
#23
 Nitrobenzene-d5
 Concen: 77.698 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	701265
Ion Ratio	100		
Lower			
Upper			
82	100		
128	44.8	36.1	54.1
54	59.4	41.4	62.2

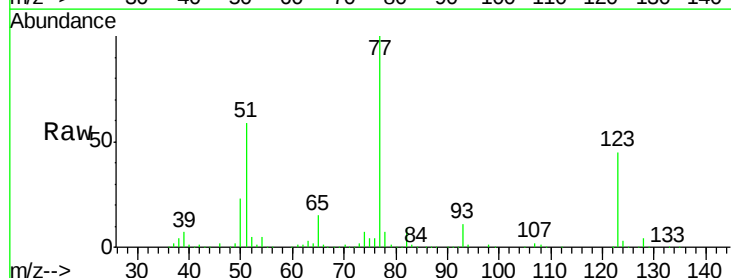


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

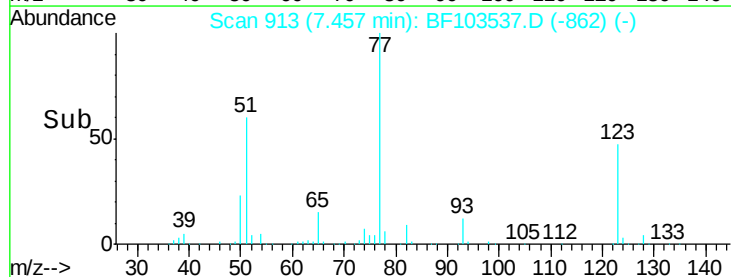
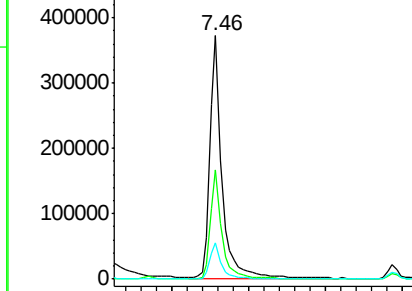


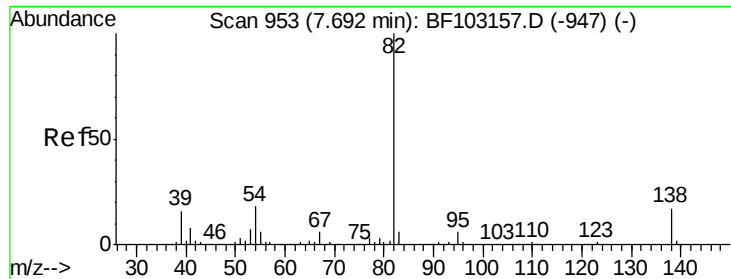
#24
 Nitrobenzene
 Concen: 39.713 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion	77	Resp	394635
Ion Ratio	100		
Lower			
Upper			
77	100		
123	45.0	37.9	56.9
65	15.0	11.0	16.4



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





#25

Isophorone

Concen: 38.210 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

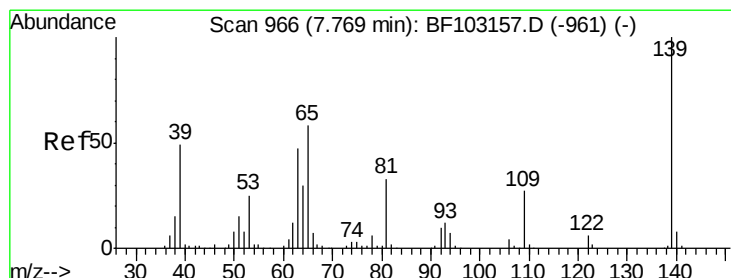
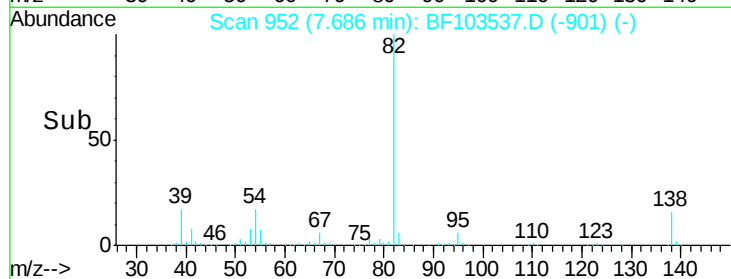
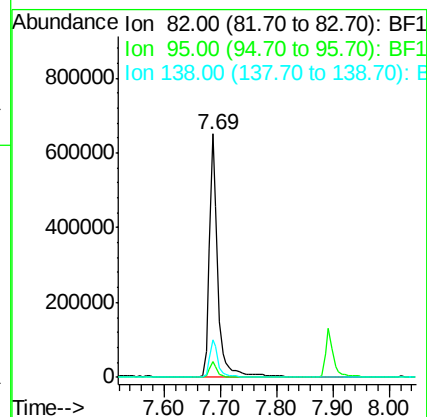
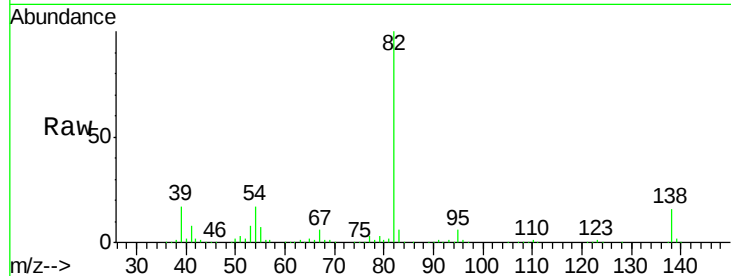
Tot Ion: 82 Resp: 679211

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 15.6 14.9 22.3



#26

2-Nitrophenol

Concen: 31.003 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

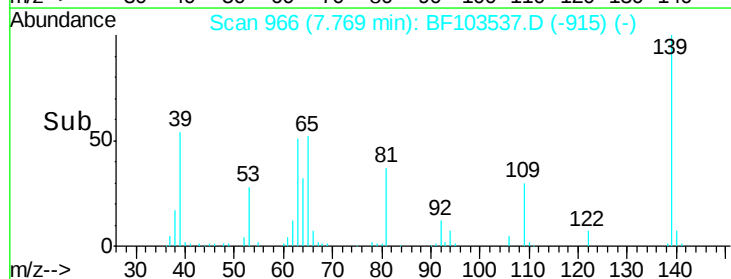
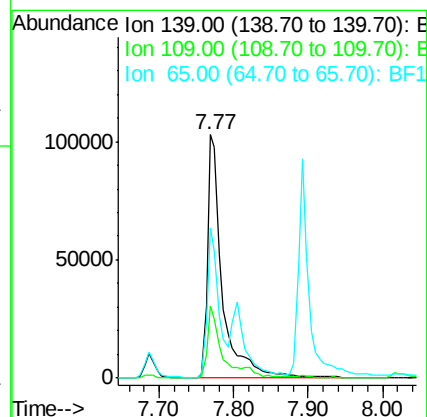
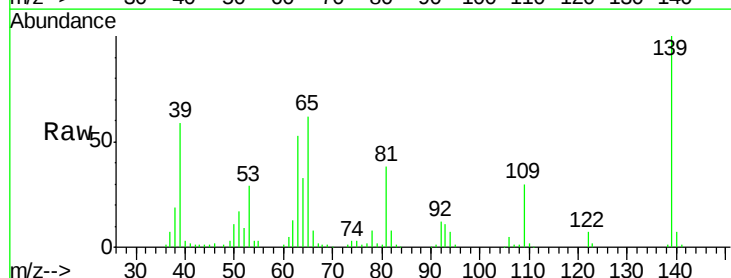
Tgt Ion: 139 Resp: 145032

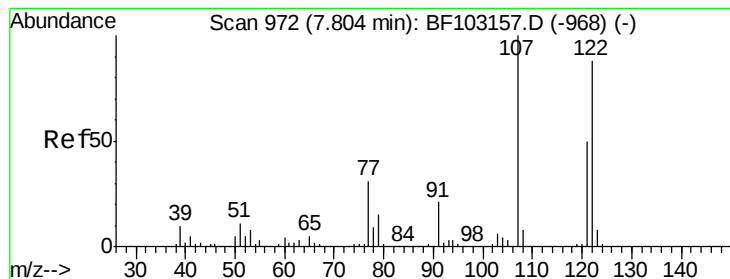
Ion Ratio Lower Upper

139 100

109 29.8 22.7 34.1

65 61.7 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 36.829 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

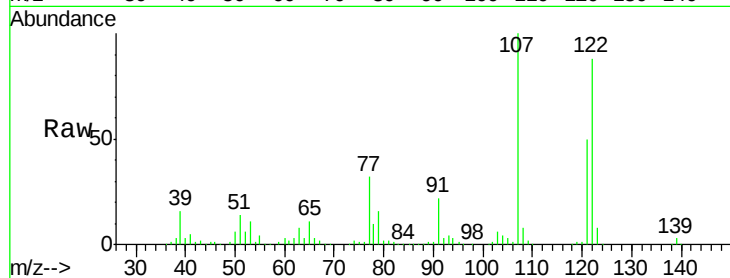
Tot Ion:122 Resp: 263346

Ion Ratio Lower Upper

122 100

107 113.3 91.2 136.8

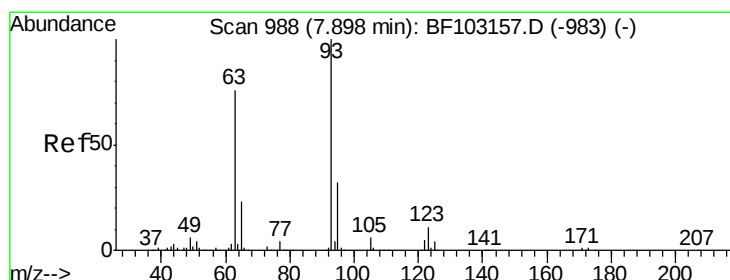
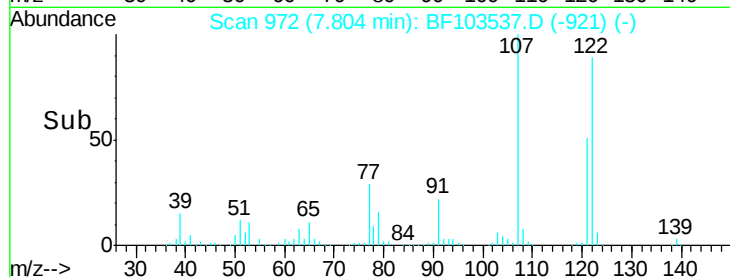
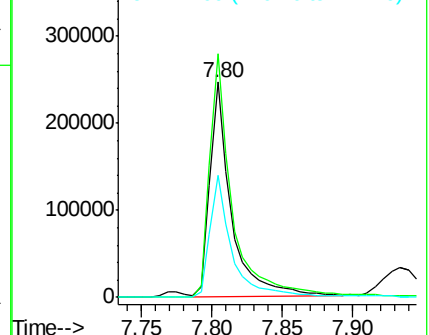
121 56.9 47.2 70.8



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: 38.315 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

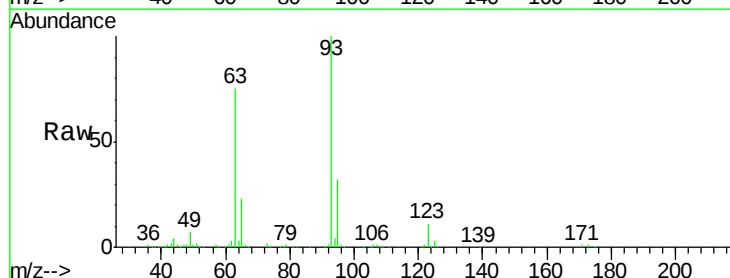
Tgt Ion: 93 Resp: 400437

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

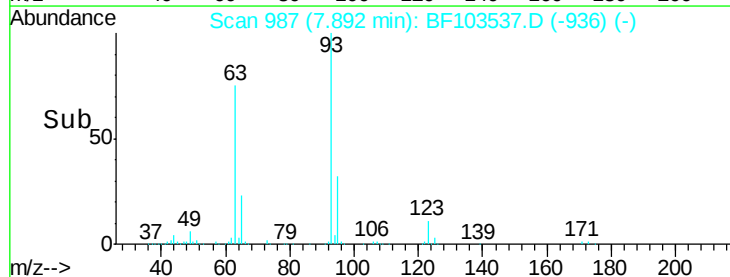
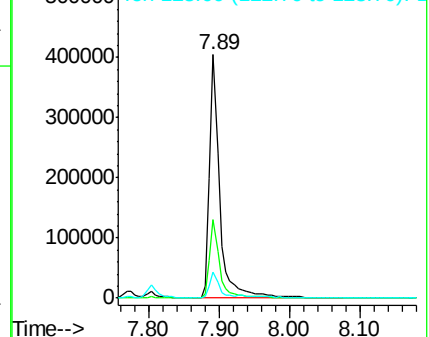
123 10.9 9.8 14.6



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

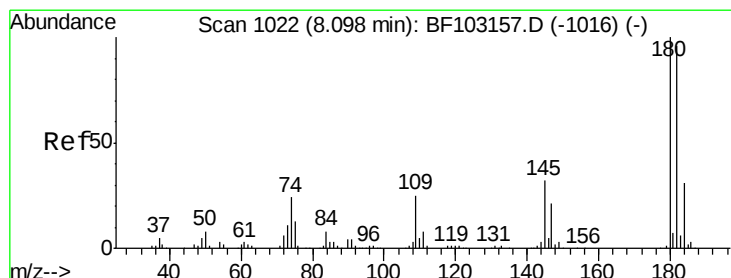
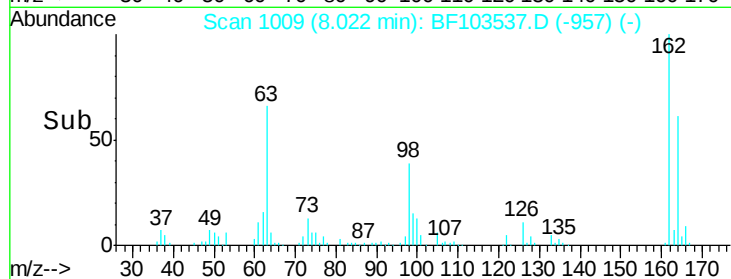
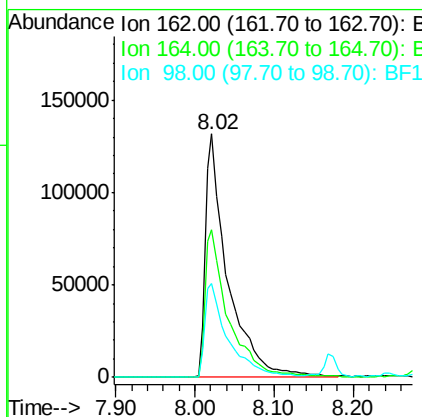
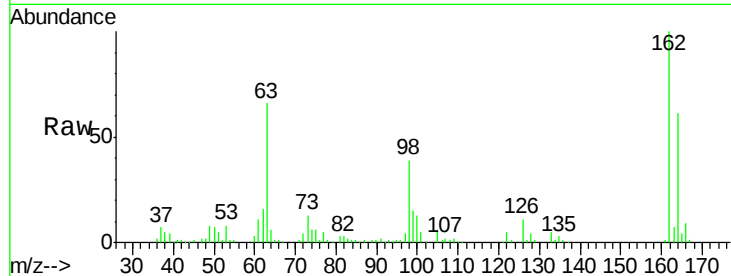




#29
 2,4-Dichlorophenol
 Concen: 37.668 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

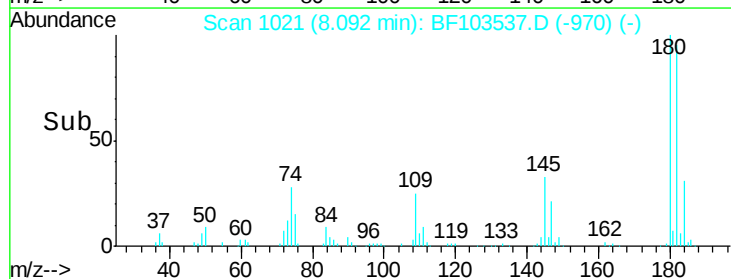
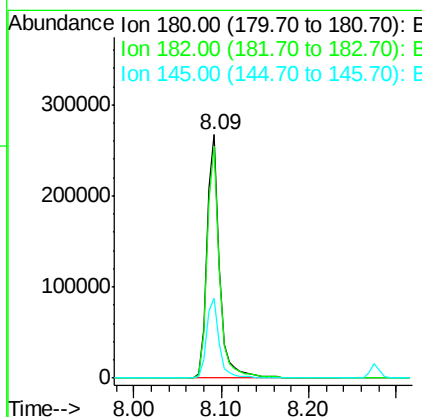
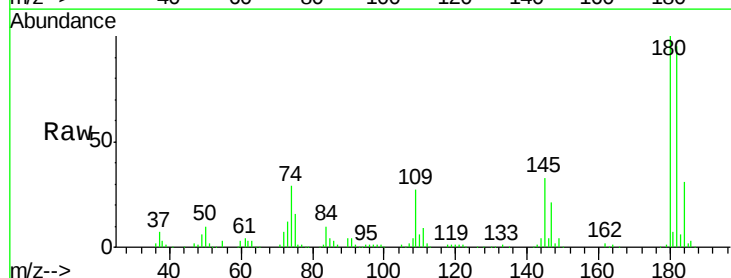
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

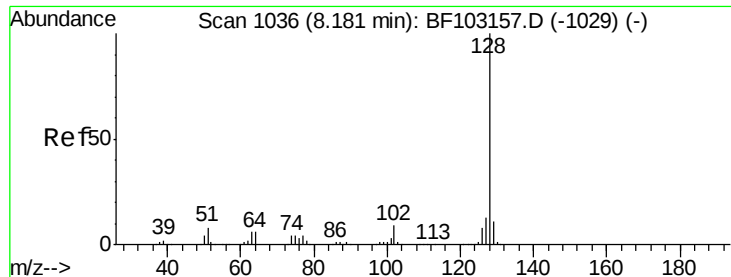
Tot Ion:162 Resp: 257871
 Ion Ratio Lower Upper
 162 100
 164 60.6 42.7 82.7
 98 38.6 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.682 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion:180 Resp: 267422
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.8 115.2
 145 32.8 26.5 39.7

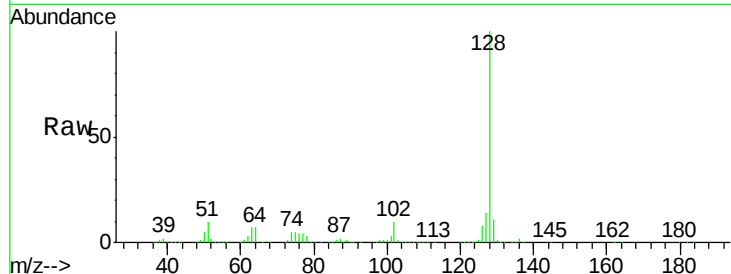




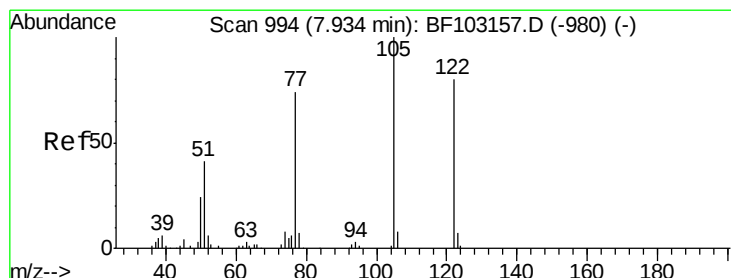
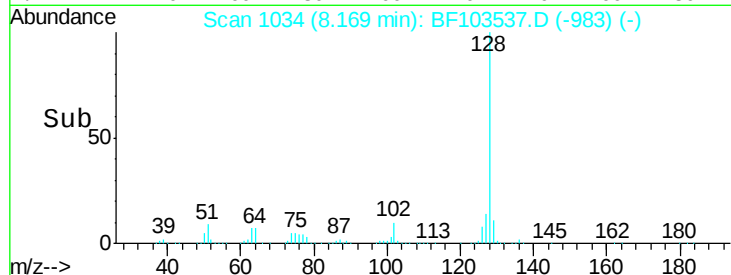
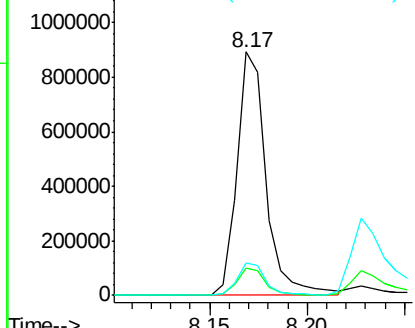
#31
Naphthalene
Concen: 36.478 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 920497
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.9 16.3

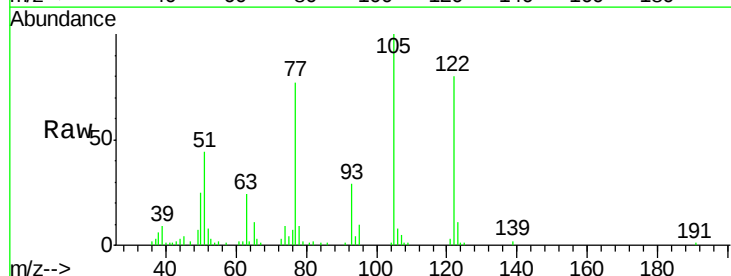


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

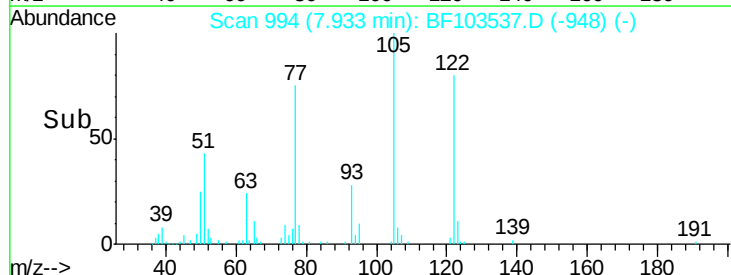
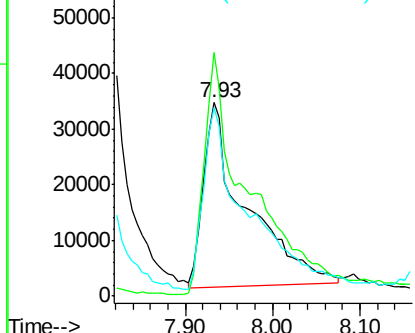


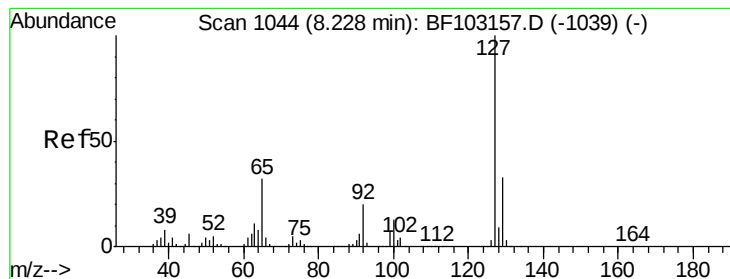
#32
Benzoic acid
Concen: 24.631 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:122 Resp: 109802
Ion Ratio Lower Upper
122 100
105 125.7 101.1 141.1
77 97.1 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: 37.611 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 409554

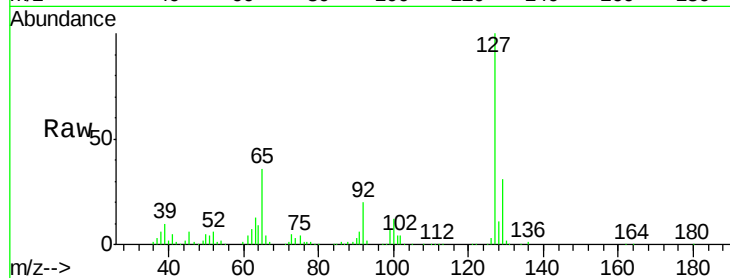
Ion Ratio Lower Upper

127 100

129 31.2 25.9 38.9

65 35.8 25.0 37.4

92 20.3 15.2 22.8

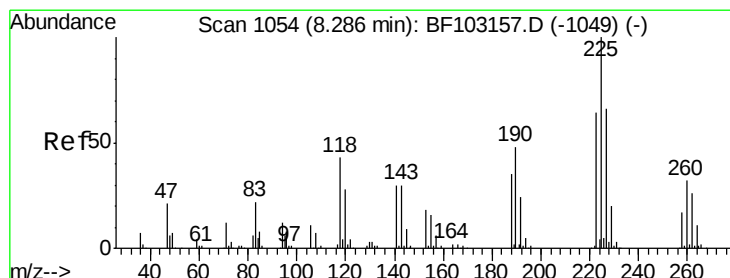
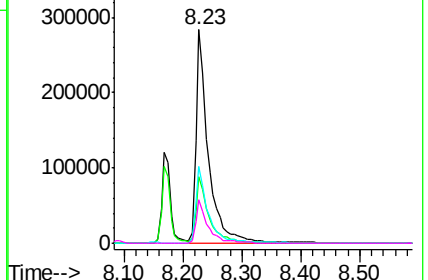
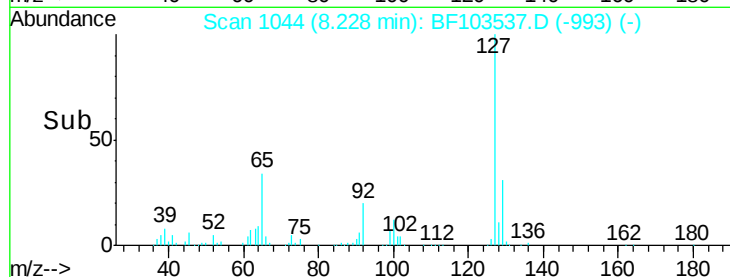


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 36.297 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

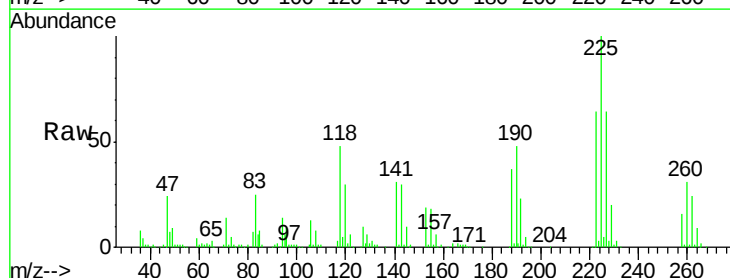
Tgt Ion:225 Resp: 137796

Ion Ratio Lower Upper

225 100

223 64.4 50.6 76.0

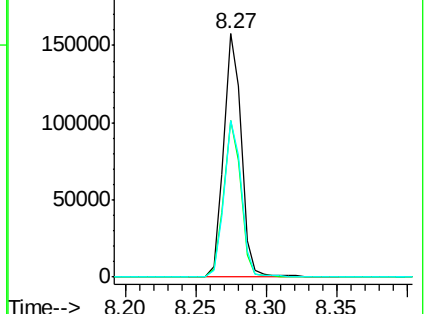
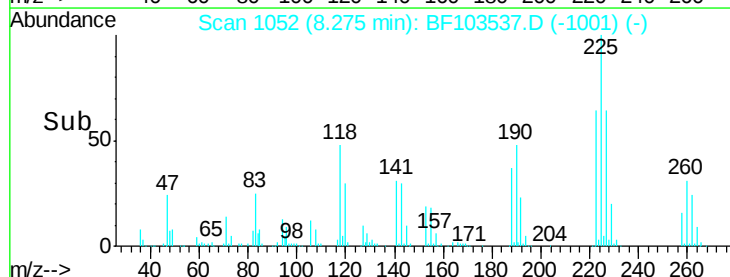
227 64.5 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.513 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

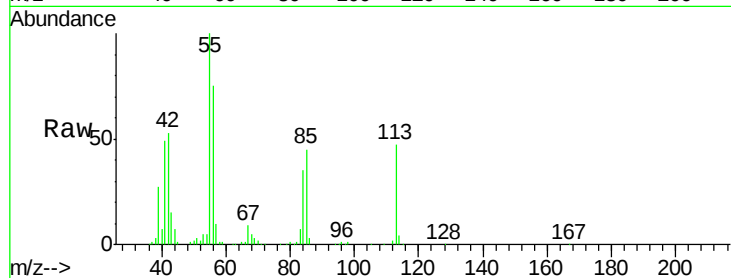
Tot Ion:113 Resp: 80634

Ion Ratio Lower Upper

113 100

55 212.6 163.3 203.3#

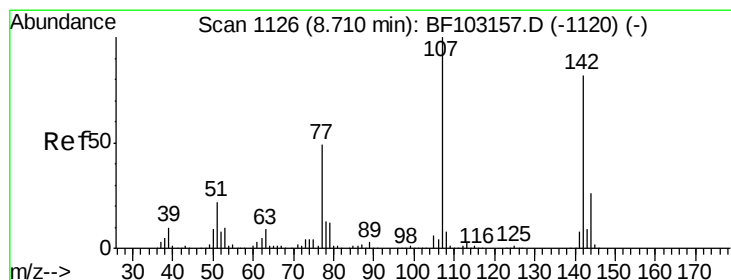
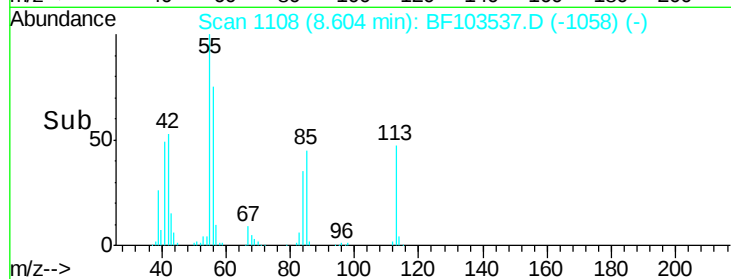
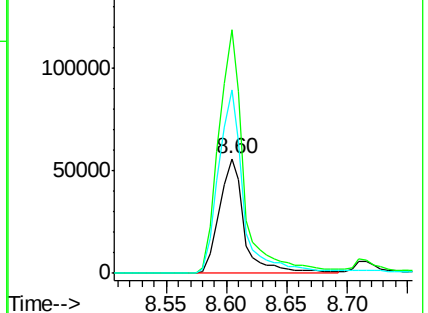
56 160.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.506 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

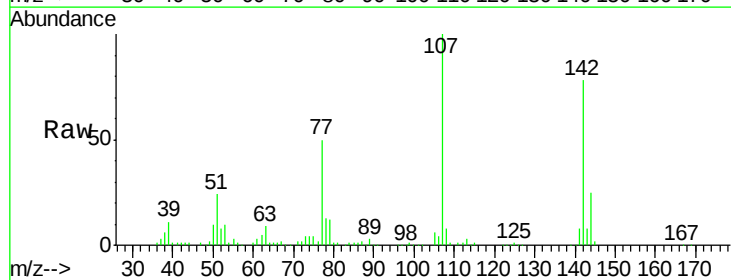
Tgt Ion:107 Resp: 281889

Ion Ratio Lower Upper

107 100

144 24.6 20.5 30.7

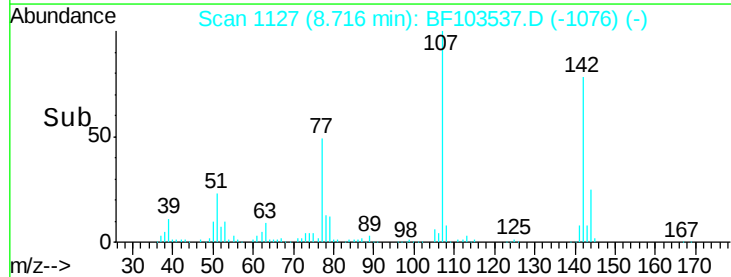
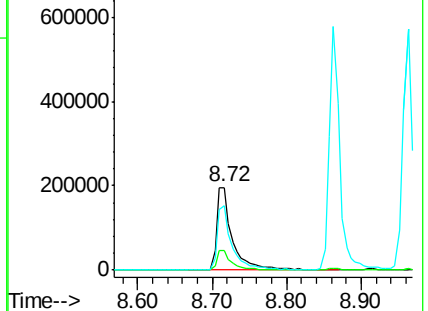
142 77.9 62.0 93.0

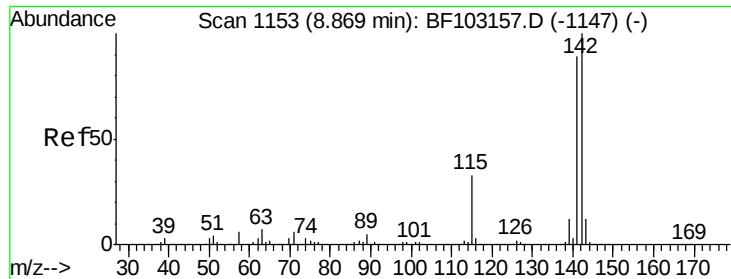


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

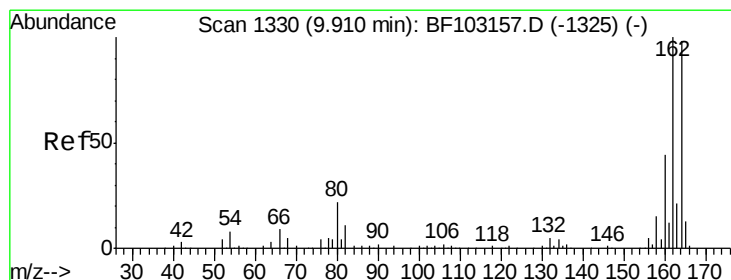
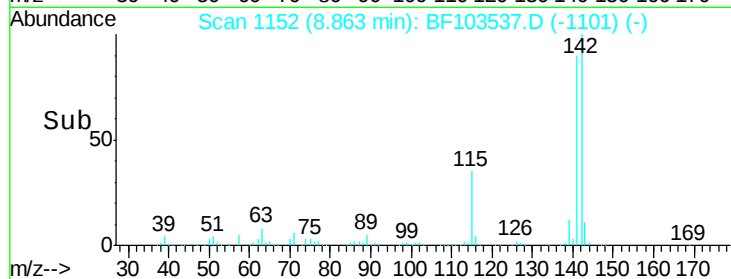
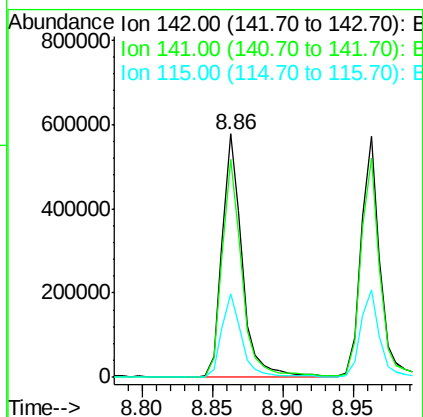
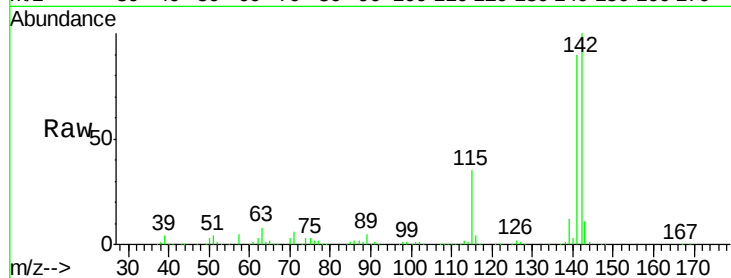




#37
2-Methylnaphthalene
Concen: 35.050 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

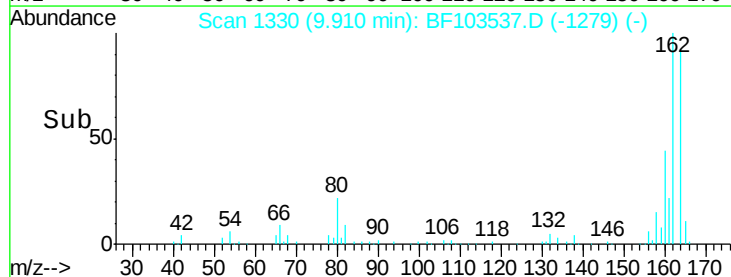
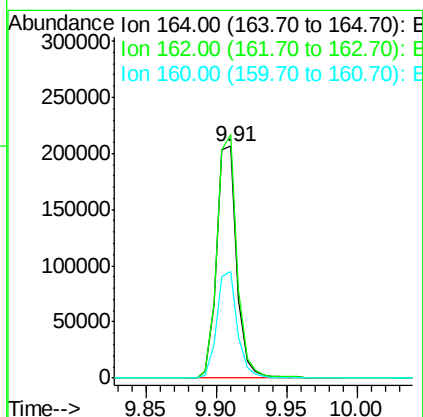
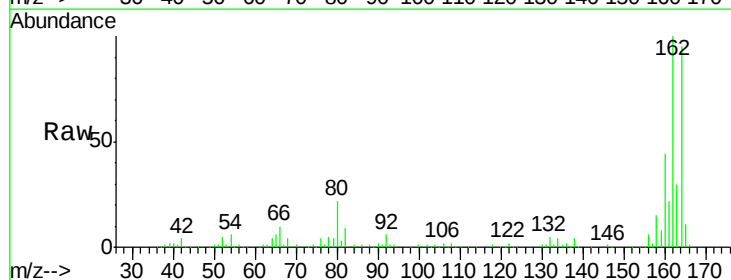
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 571619
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 34.5 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:164 Resp: 205846
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 46.1 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.879 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 224416

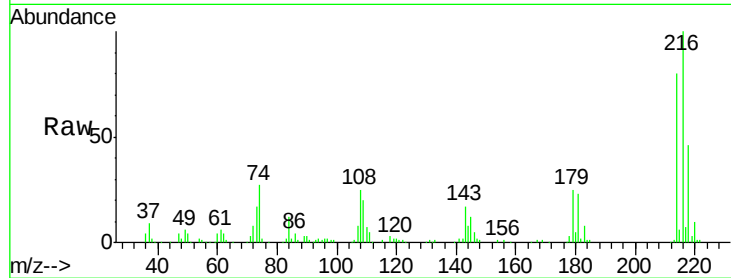
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 23.6 18.1 27.1

108 22.7 17.2 25.8

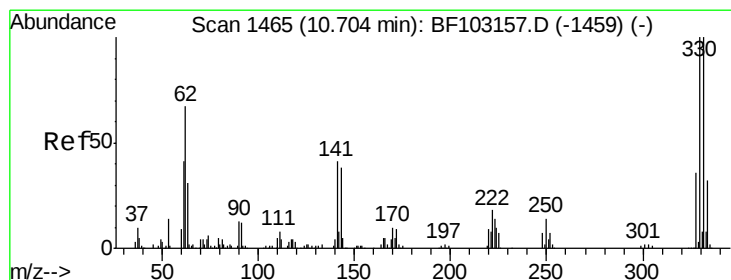
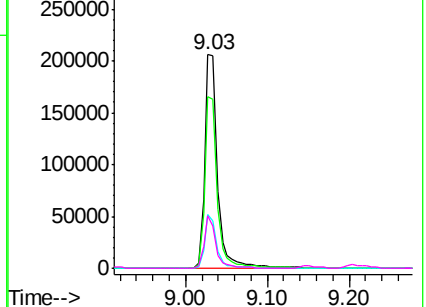
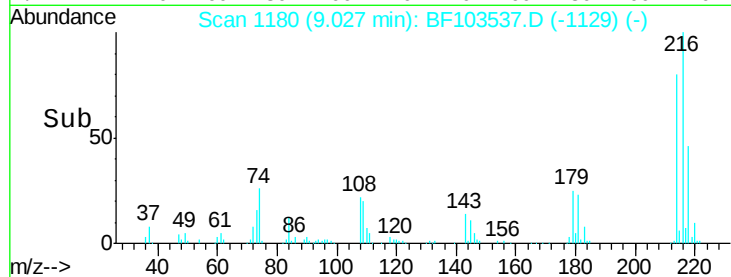


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 56.679 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

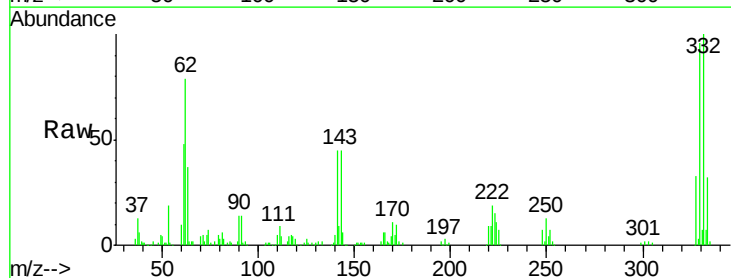
Tgt Ion:330 Resp: 98756

Ion Ratio Lower Upper

330 100

332 107.7 77.0 115.6

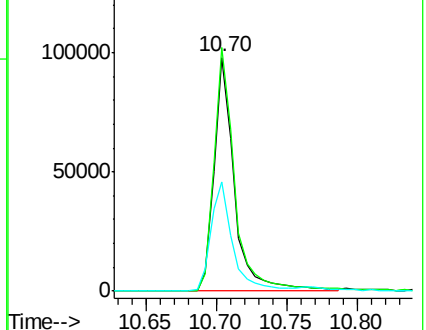
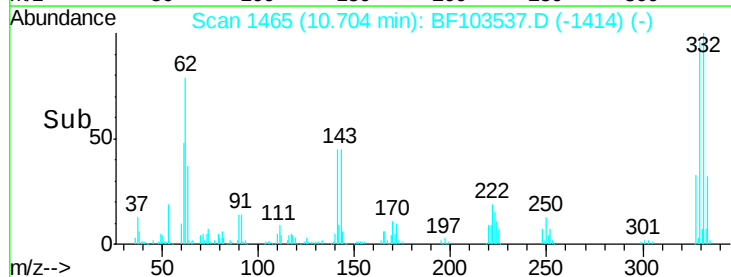
141 49.8 29.9 44.9#

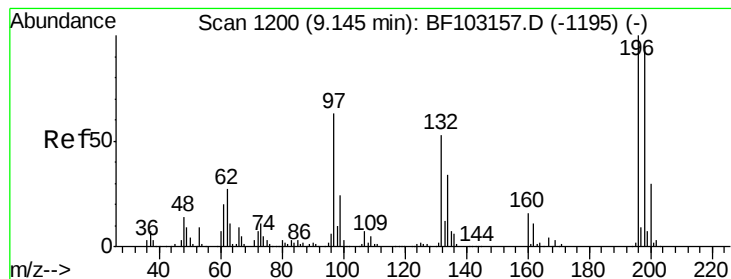


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 36.396 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

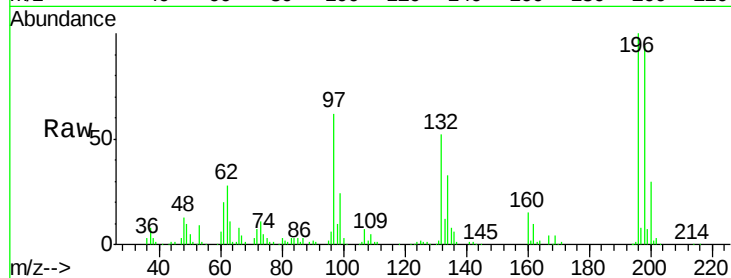
Tot Ion:196 Resp: 137817

Ion Ratio Lower Upper

196 100

198 93.8 75.7 113.5

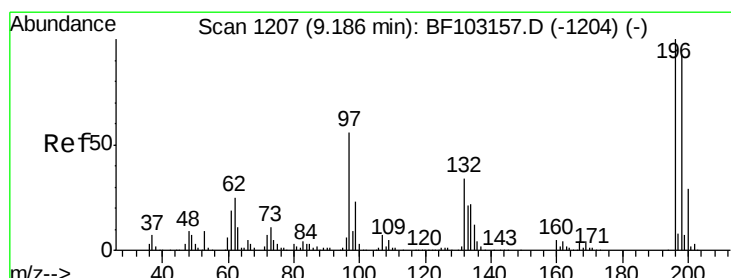
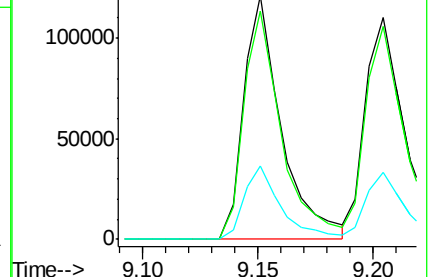
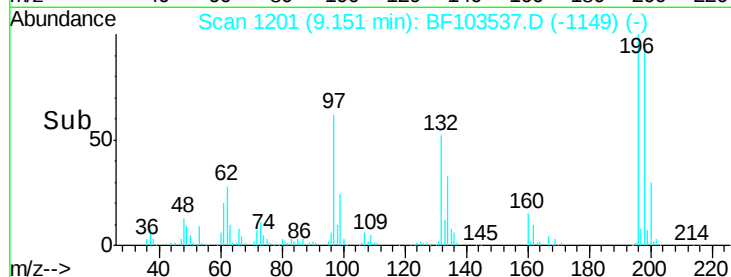
200 30.3 24.5 36.7



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: 35.660 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Tgt Ion:196 Resp: 155301

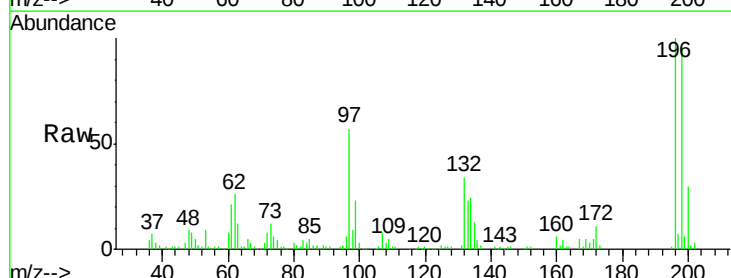
Ion Ratio Lower Upper

196 100

198 95.7 74.6 112.0

97 57.1 42.9 64.3

132 33.7 26.3 39.5

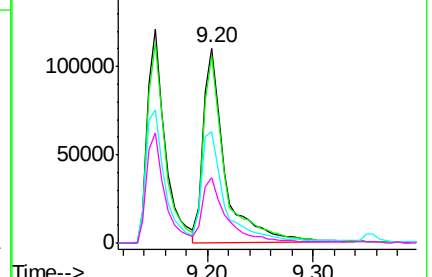
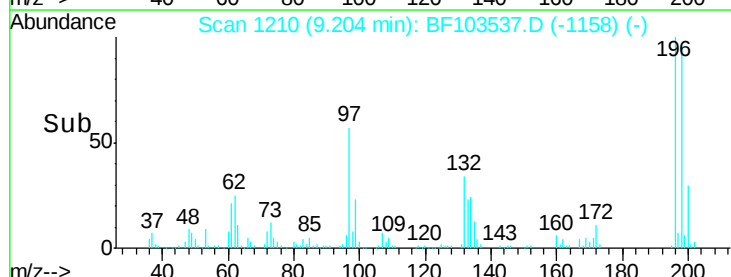


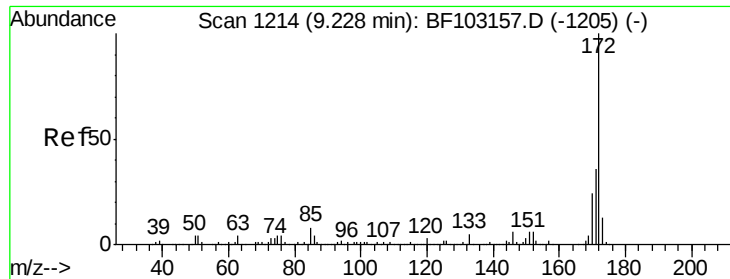
Abundance Ion 196.00 (195.70 to 196.70): E

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: 85.101 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

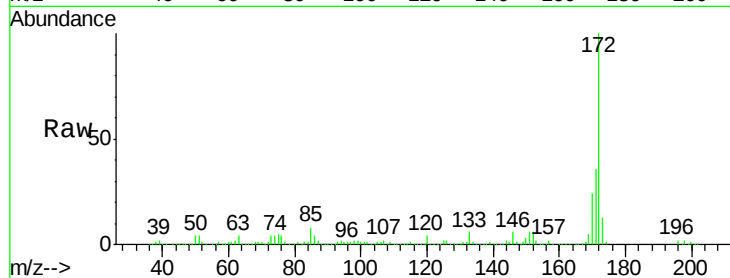
Tot Ion:172 Resp: 1016779

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

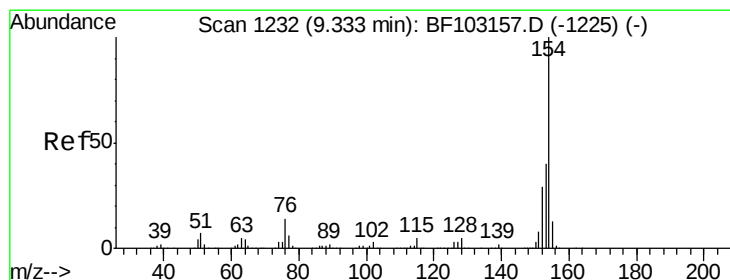
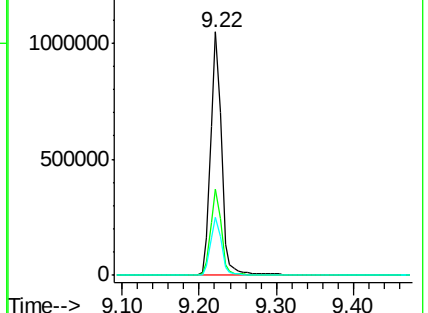
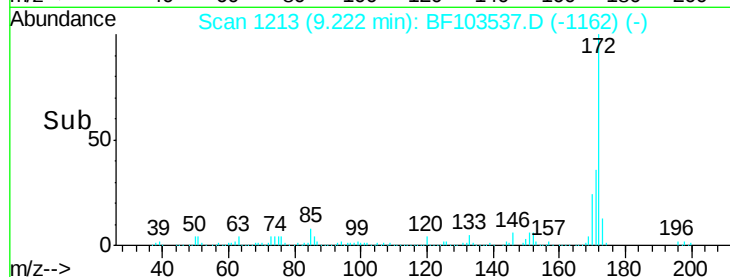
170 23.9 19.6 29.4



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: 40.402 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

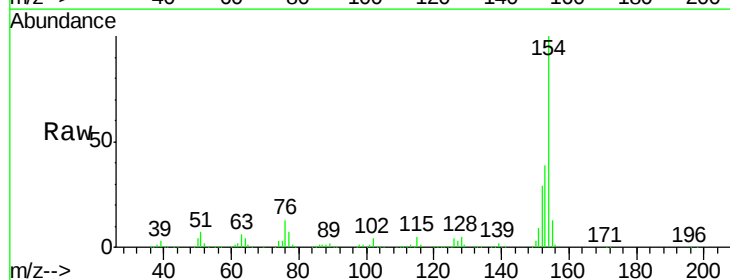
Tgt Ion:154 Resp: 696885

Ion Ratio Lower Upper

154 100

153 39.4 21.3 61.3

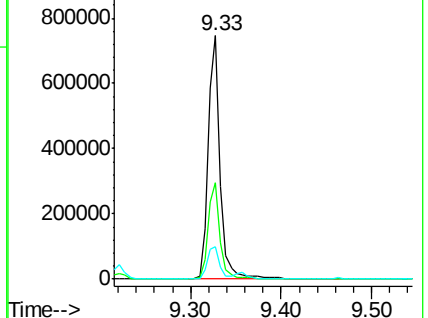
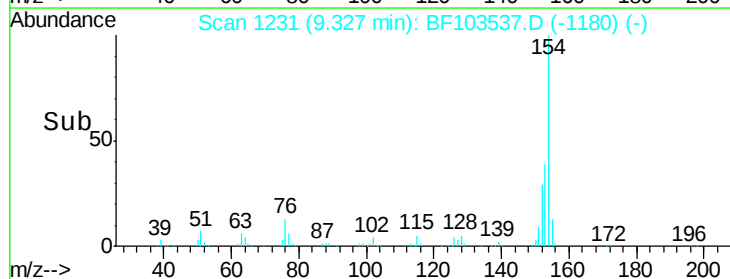
76 13.4 0.0 34.0

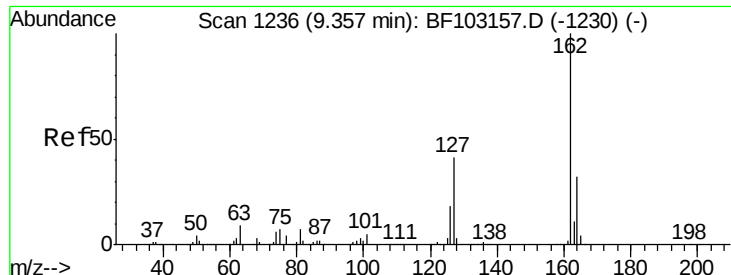


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

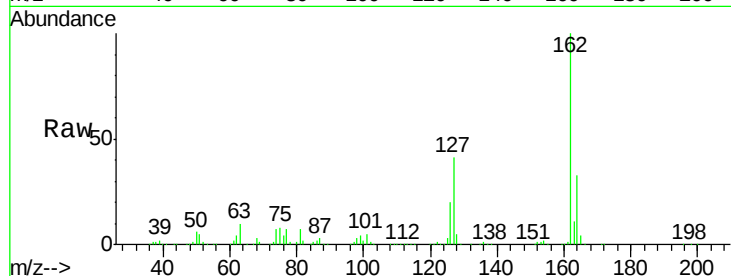




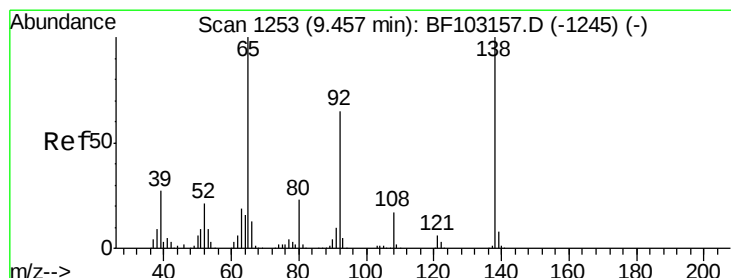
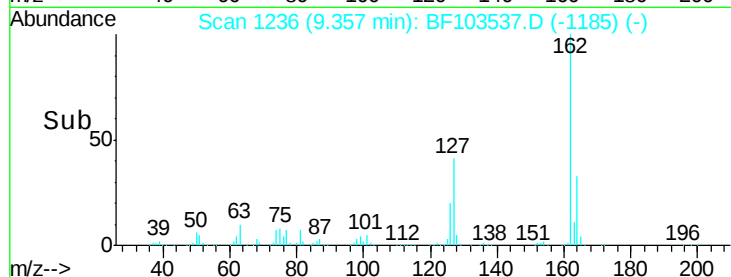
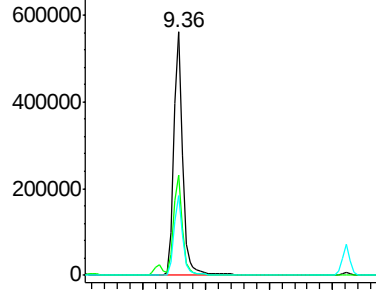
#46
 2-Chloronaphthalene
 Concen: 39.464 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	538538
Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.9	50.9
164	32.7	26.5	39.7

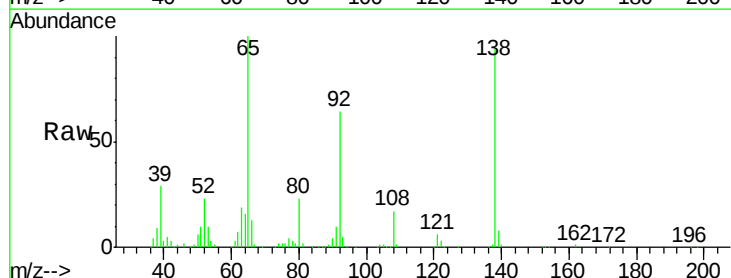


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

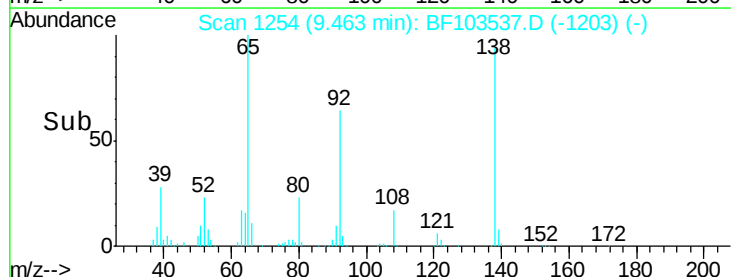
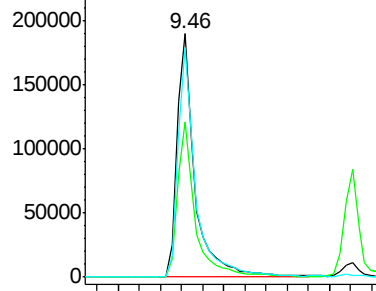


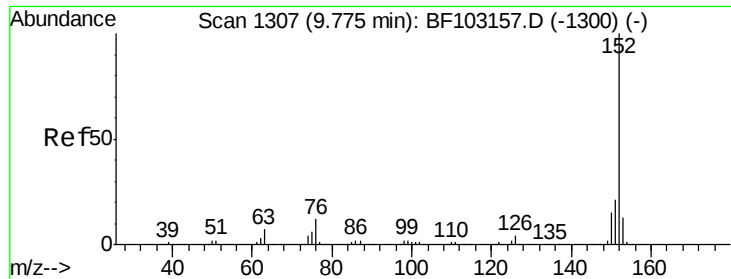
#47
 2-Nitroaniline
 Concen: 44.290 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion:	65	Resp:	223878
Ion	Ratio	Lower	Upper
65	100		
92	63.9	55.8	83.6
138	94.2	91.2	136.8



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





#48

Acenaphthylene

Concen: 36.649 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

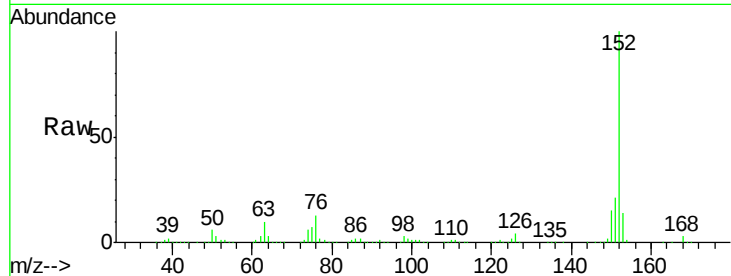
Tot Ion:152 Resp: 769490

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

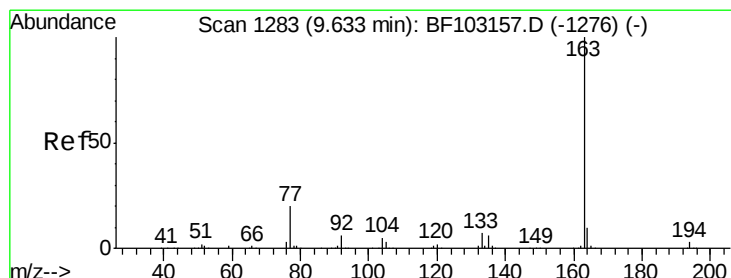
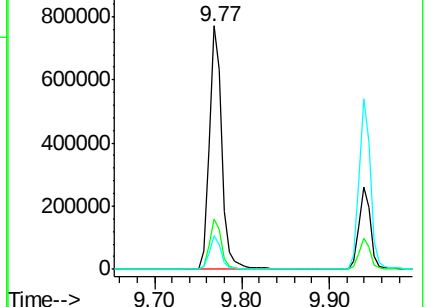
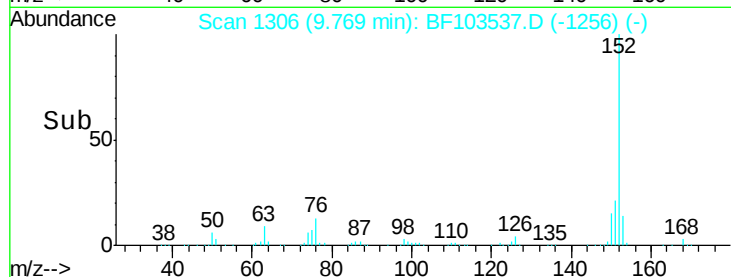
153 13.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 36.129 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

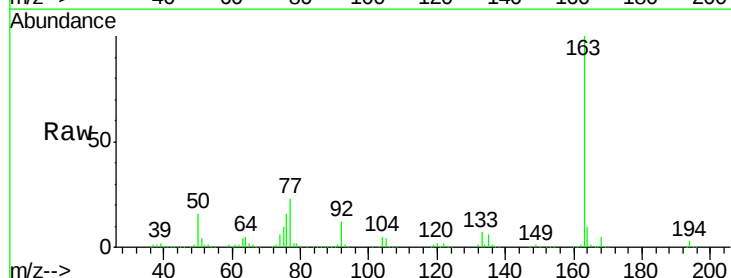
Tgt Ion:163 Resp: 596604

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

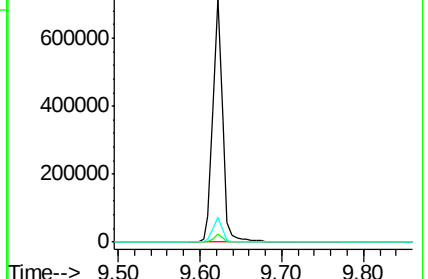
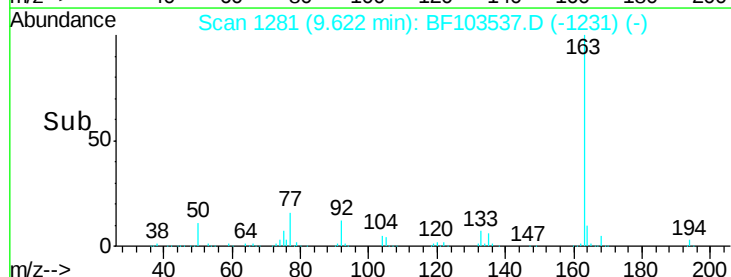
164 10.2 8.2 12.2

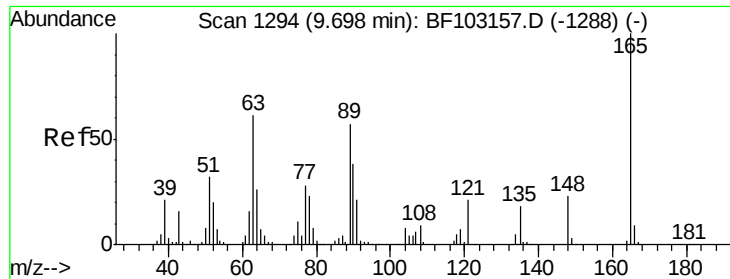


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 32.908 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

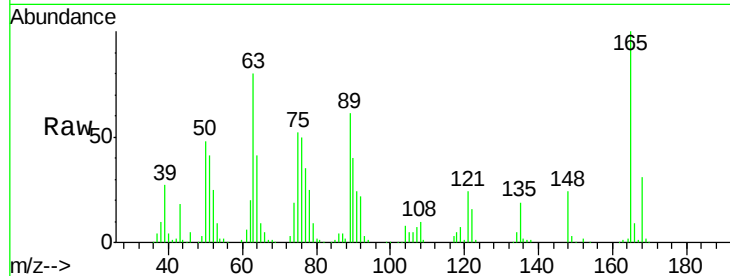
Tot Ion:165 Resp: 114040

Ion Ratio Lower Upper

165 100

63 80.1 44.7 67.1#

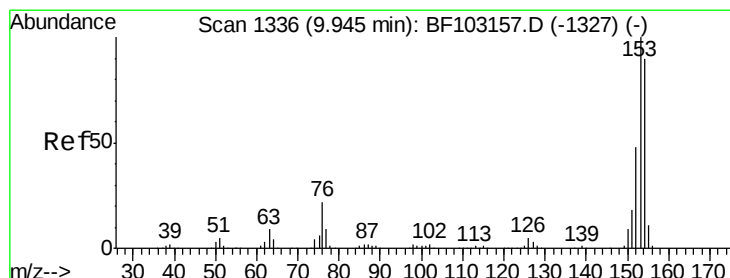
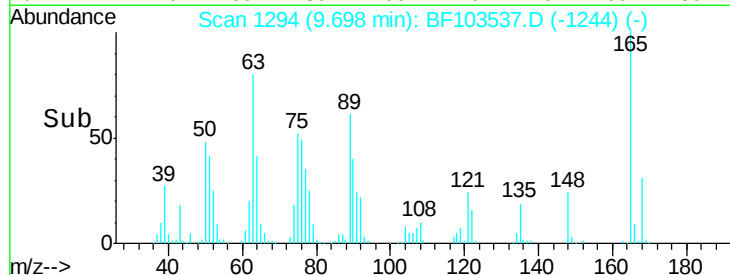
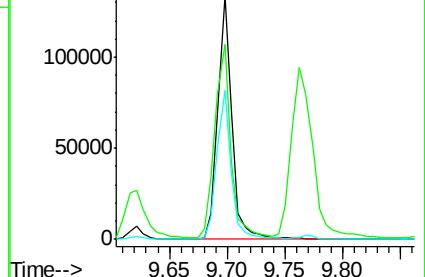
89 61.0 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51

Acenaphthene

Concen: 36.195 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

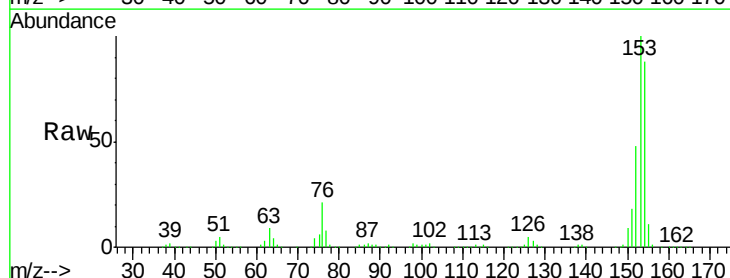
Tgt Ion:154 Resp: 443138

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

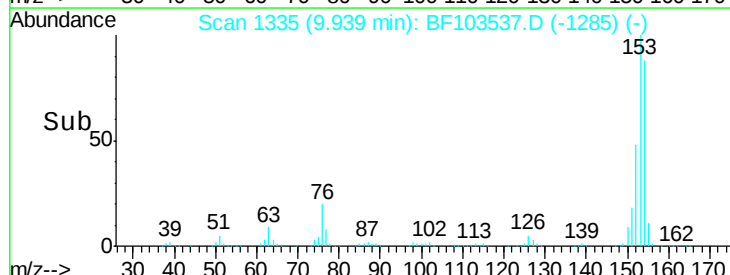
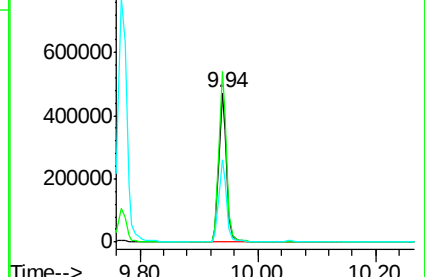
152 55.1 43.8 65.8

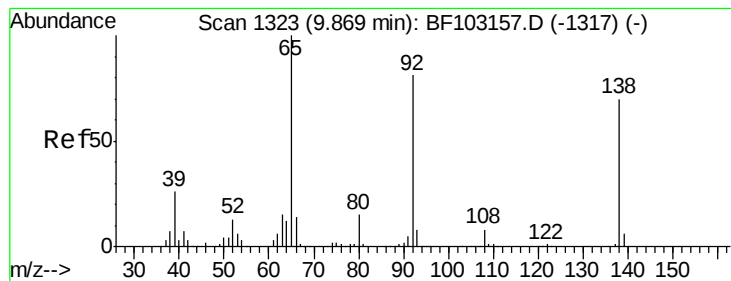


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 39.257 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

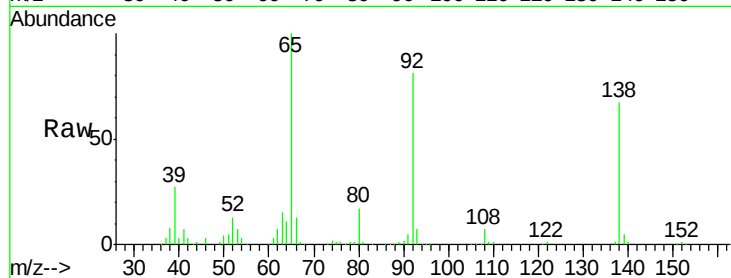
Tot Ion:138 Resp: 172599

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

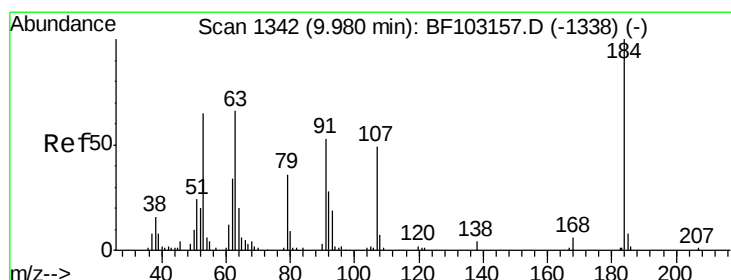
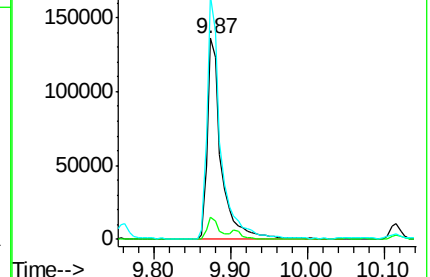
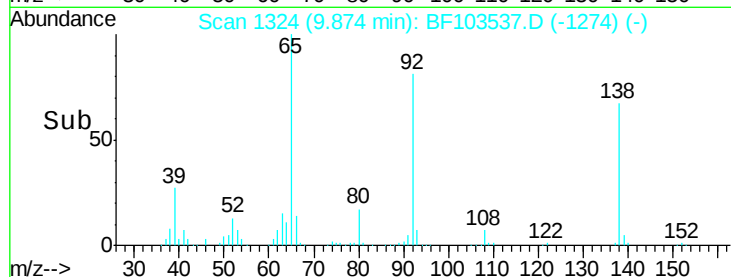
92 121.1 89.4 134.2



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: 9.708 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.06 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

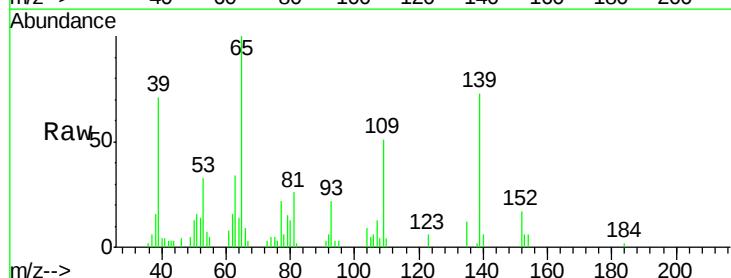
Tgt Ion:184 Resp: 123

Ion Ratio Lower Upper

184 100

63 1553.2 54.2 81.2#

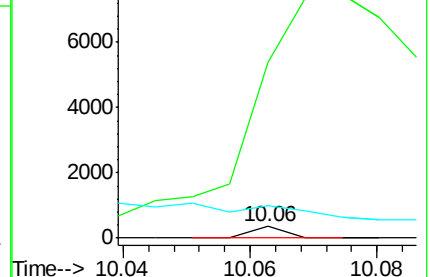
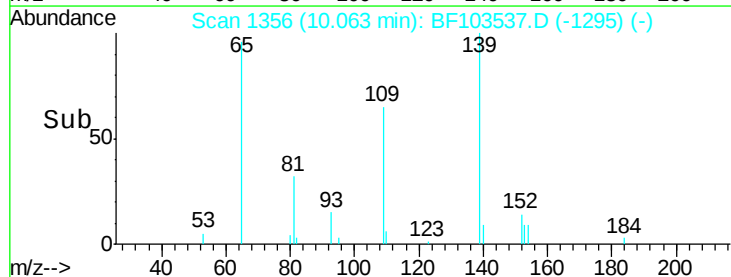
154 283.6 184.0 276.0#

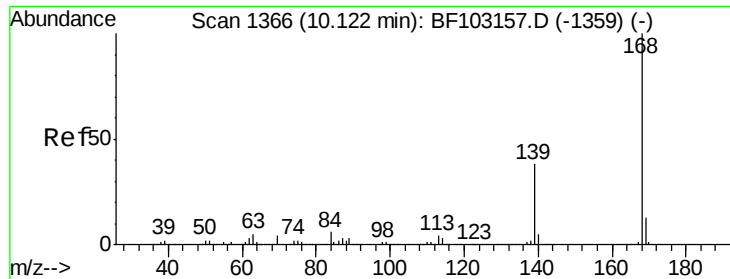


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

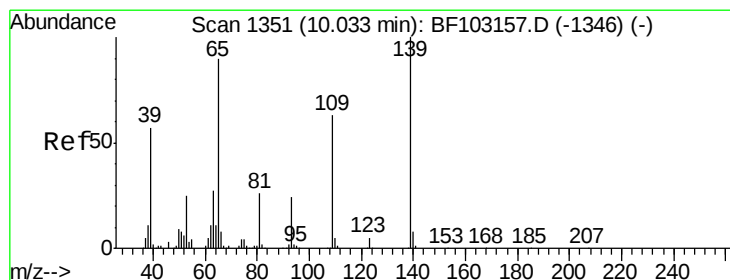
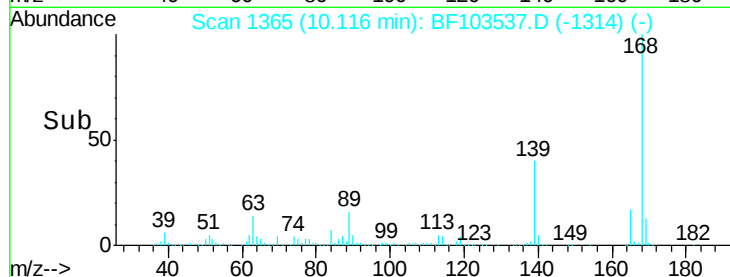
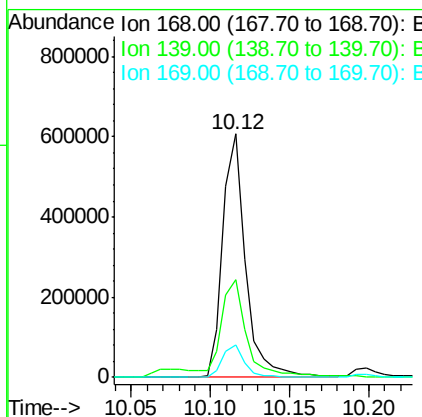
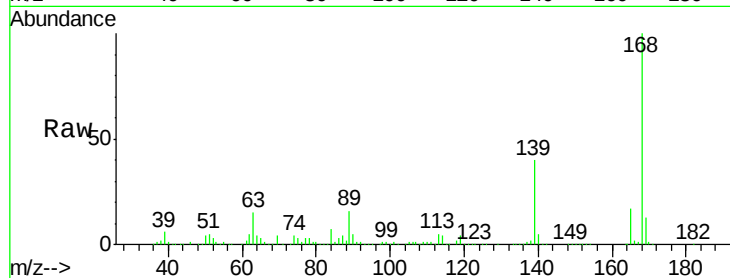




#54
Dibenzofuran
Concen: 36.282 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

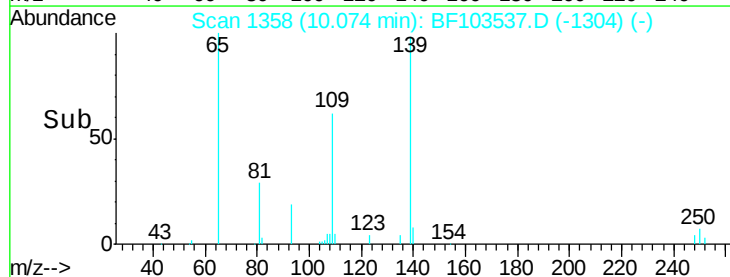
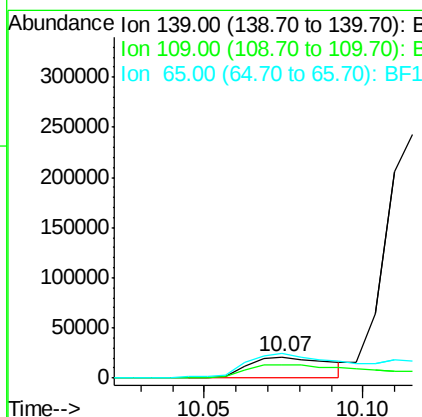
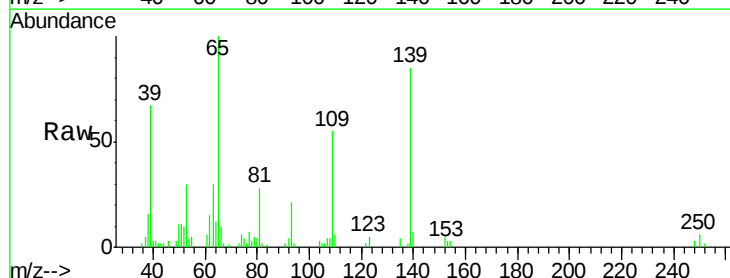
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

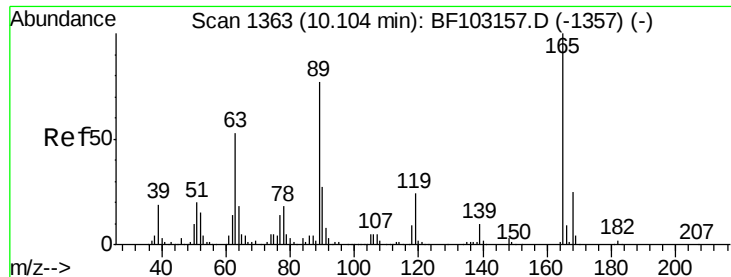
Tot Ion:168 Resp: 609780
Ion Ratio Lower Upper
168 100
139 40.0 30.1 45.1
169 13.2 10.9 16.3



#55
4-Nitrophenol
Concen: 13.525 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:139 Resp: 36855
Ion Ratio Lower Upper
139 100
109 65.1 48.4 88.4
65 117.4 72.6 112.6#

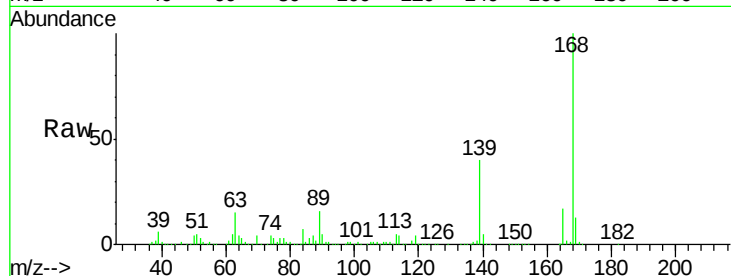




#56
2,4-Dinitrotoluene
Concen: 29.572 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	87.5	36.4	54.6#
89	94.7	57.8	86.6#
182	2.3	1.6	2.4



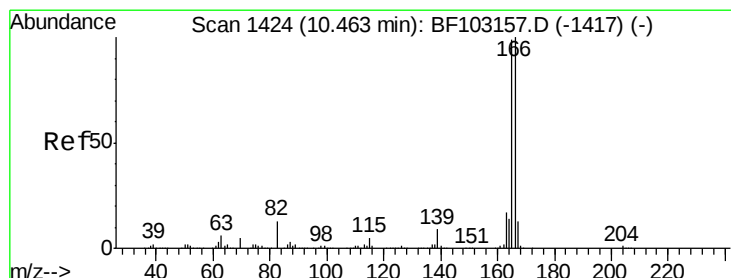
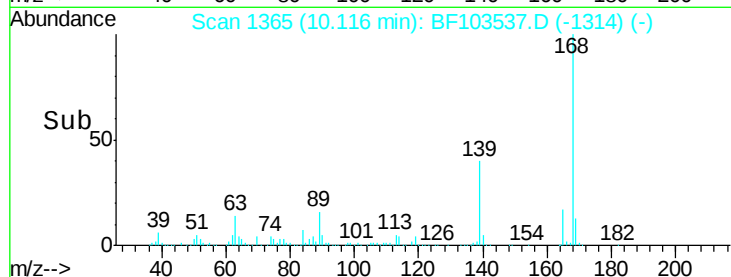
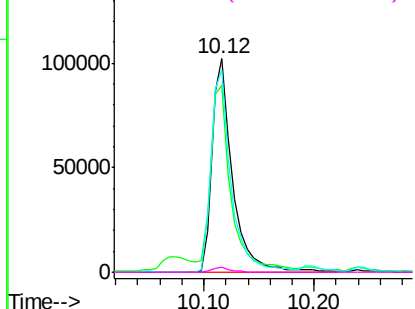
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

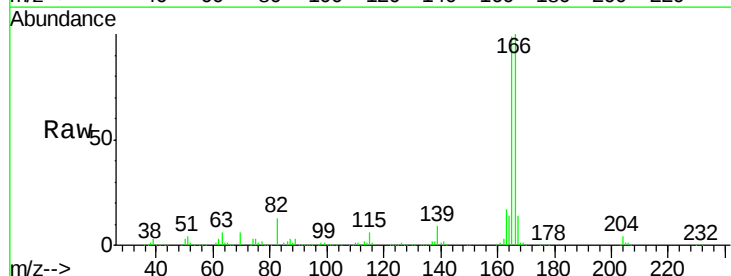
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 34.208 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	13.9	10.6	16.0

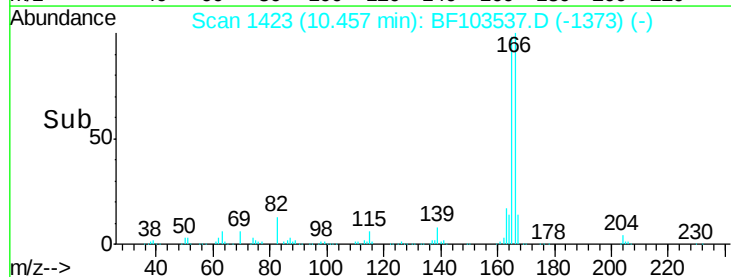
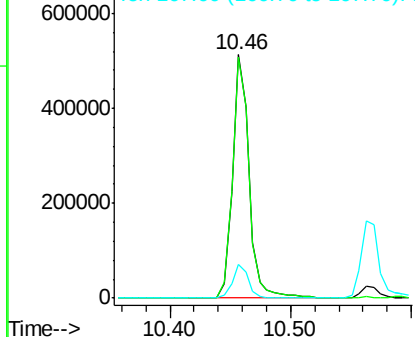


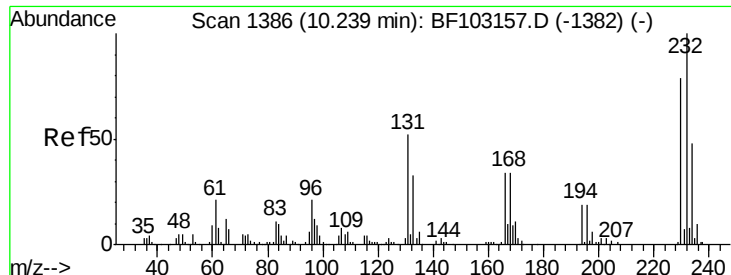
Abundance

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

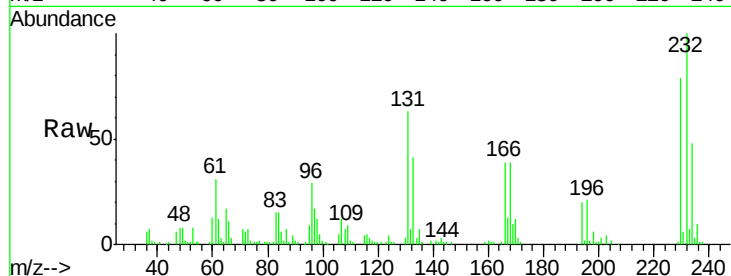




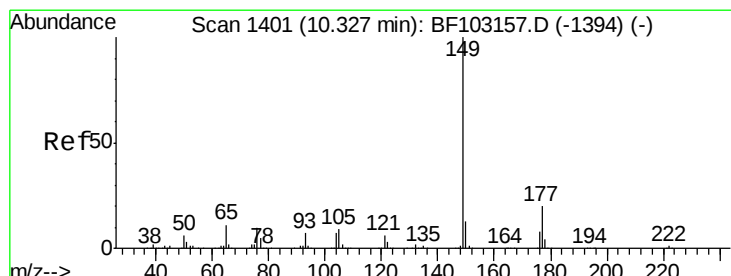
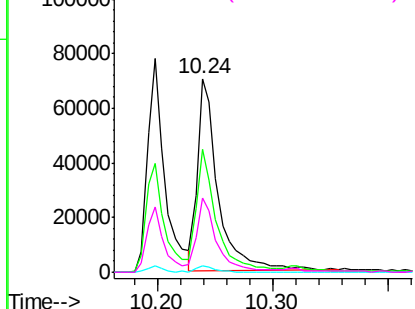
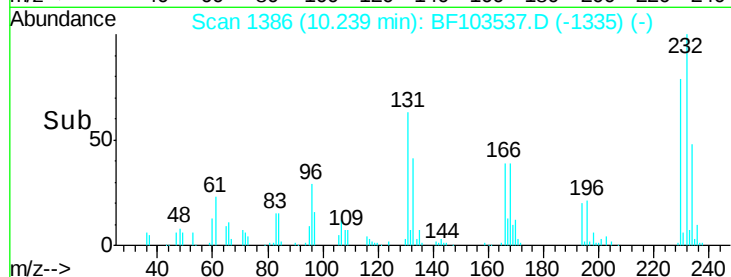
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.357 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 88813
 Ion Ratio Lower Upper
 232 100
 131 62.1 43.8 65.8
 130 3.1 2.1 3.1
 166 35.2 27.8 41.6

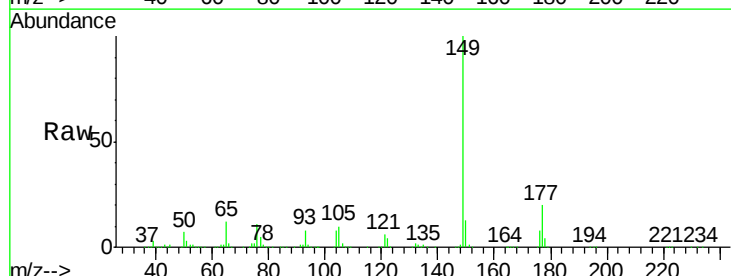


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

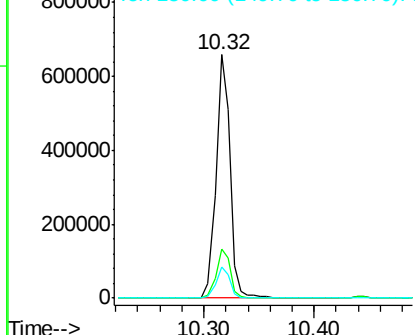
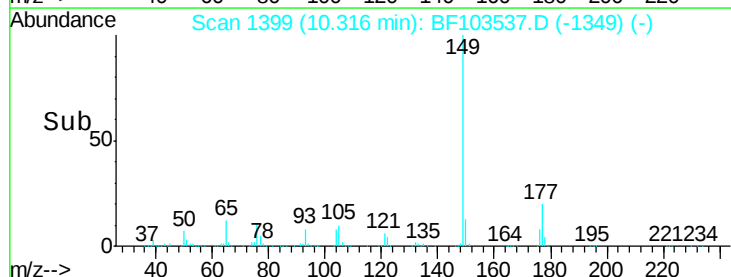


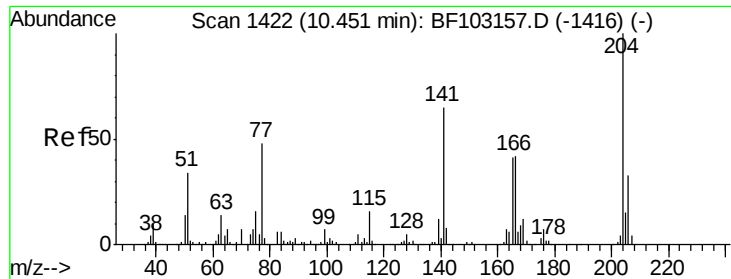
#59
 Diethylphthalate
 Concen: 36.639 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion:149 Resp: 578660
 Ion Ratio Lower Upper
 149 100
 177 19.9 16.1 24.1
 150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

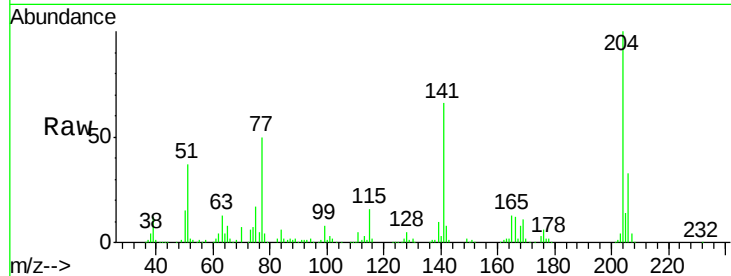




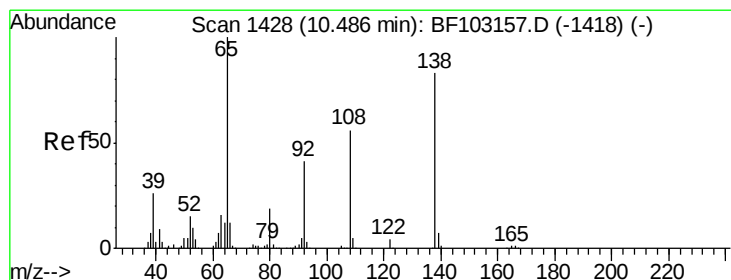
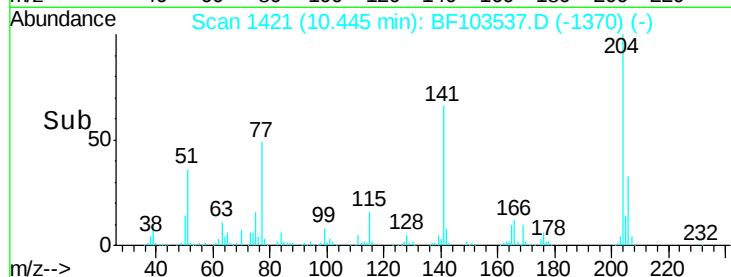
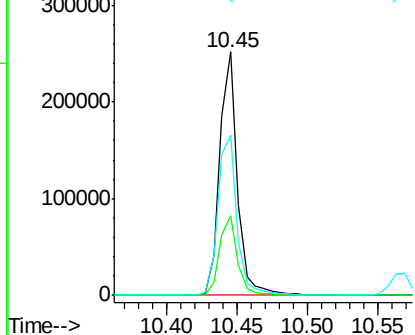
#60
4-Chlorophenyl-phenylether
Concen: 36.257 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 220125
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 66.1 54.6 81.8

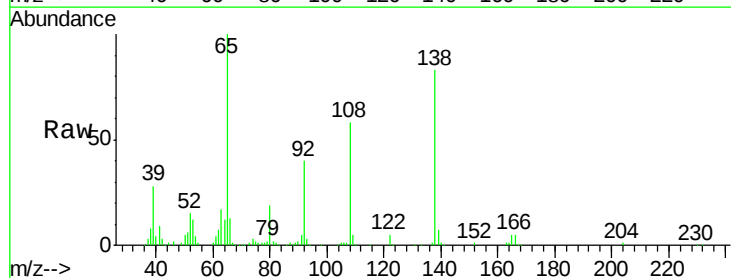


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

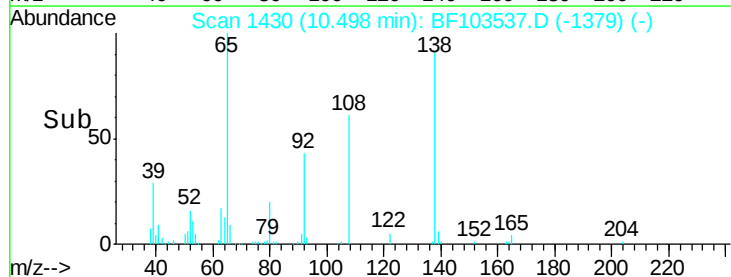
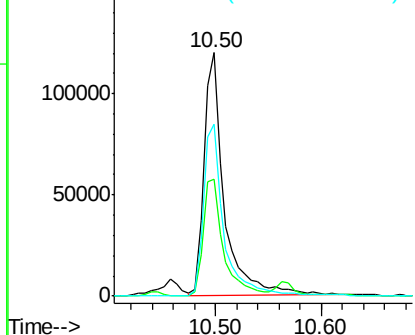


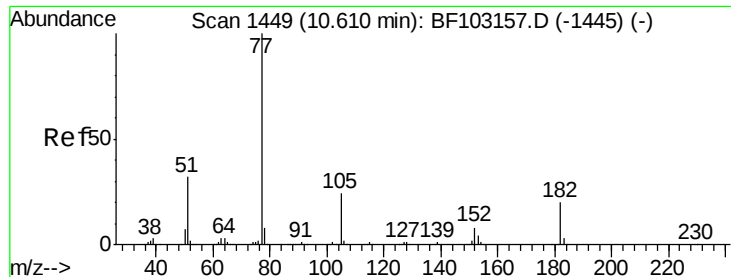
#61
4-Nitroaniline
Concen: 35.956 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:138 Resp: 157897
Ion Ratio Lower Upper
138 100
92 48.2 30.2 70.2
108 70.5 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: 37.178 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 597676

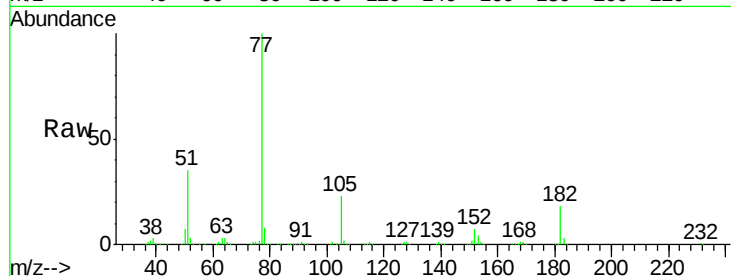
Ion Ratio Lower Upper

77 100

182 17.9 1.7 41.7

105 23.4 3.0 43.0

51 35.1 9.9 49.9

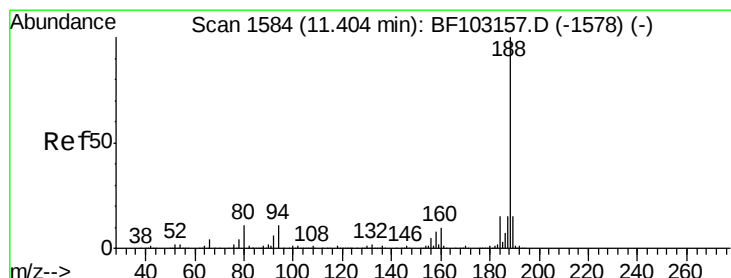
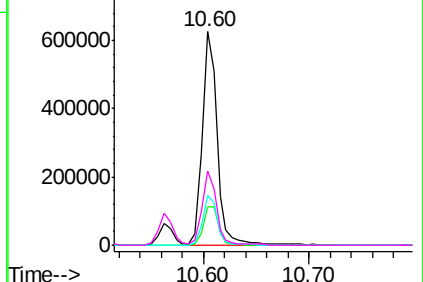
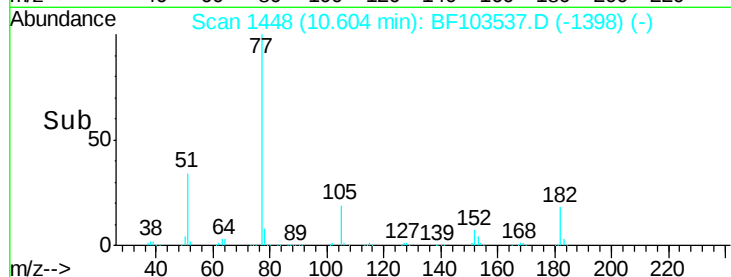


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

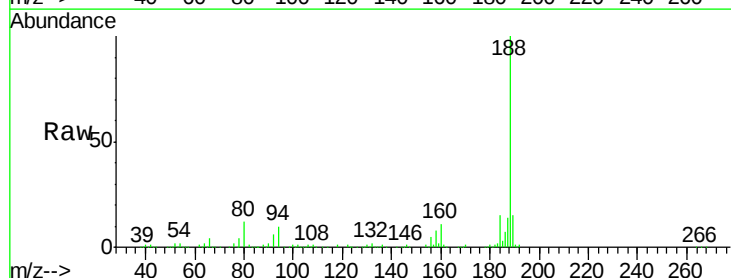
Tgt Ion: 188 Resp: 320044

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

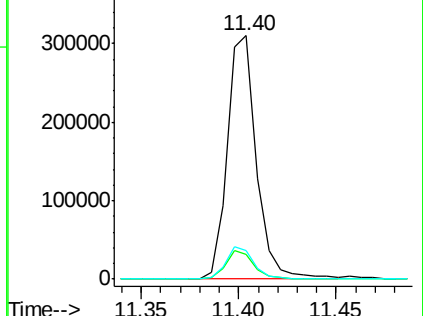
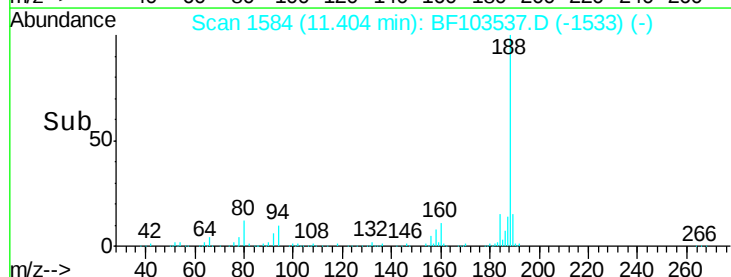
80 11.6 9.2 13.8

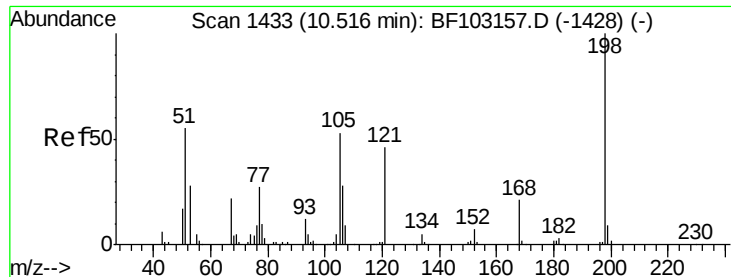


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

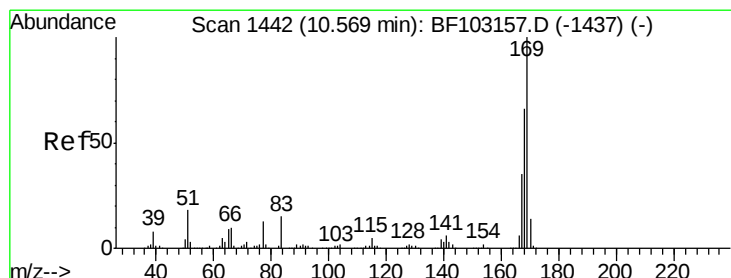
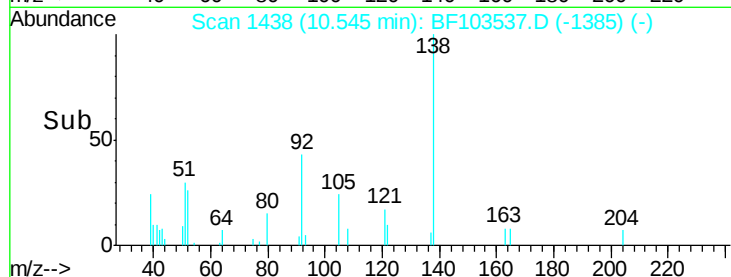
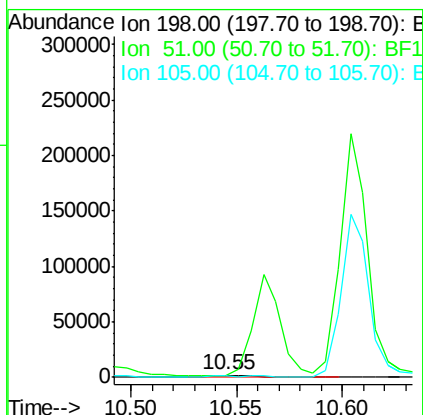
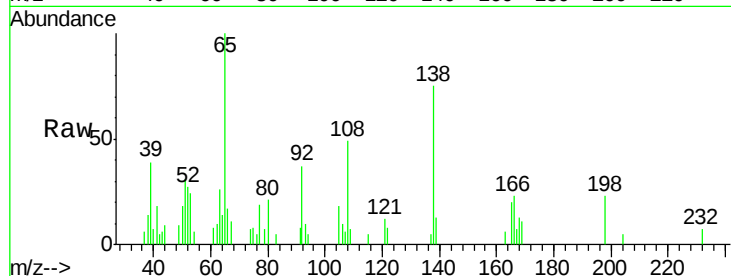




#64
4,6-Dinitro-2-methylphenol
Concen: 6.129 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

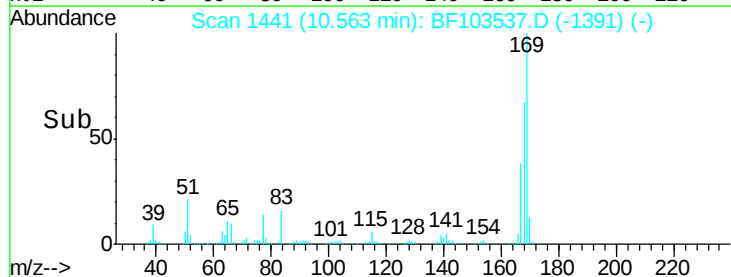
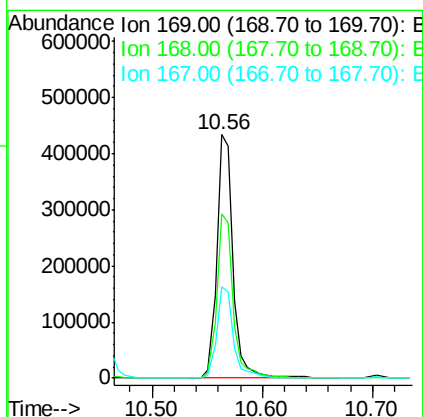
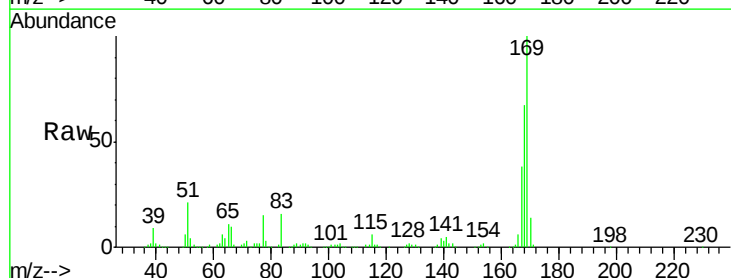
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

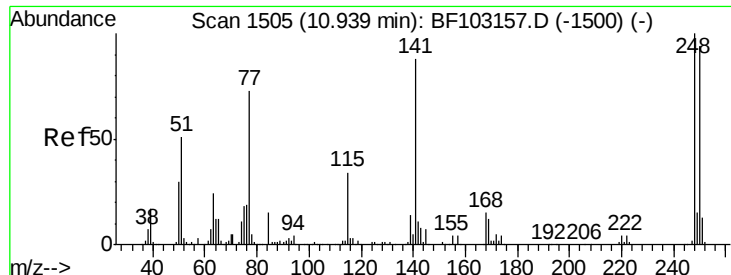
Tot Ion:198 Resp: 2570
Ion Ratio Lower Upper
198 100
51 131.3 37.7 77.7#
105 77.0 36.3 76.3#



#65
n-Nitrosodiphenylamine
Concen: 39.708 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:169 Resp: 442484
Ion Ratio Lower Upper
169 100
168 67.4 54.4 81.6
167 37.7 29.8 44.6

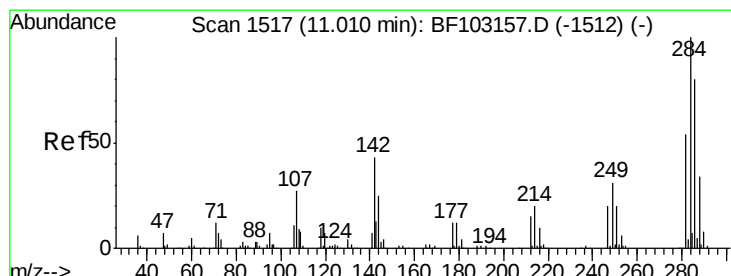
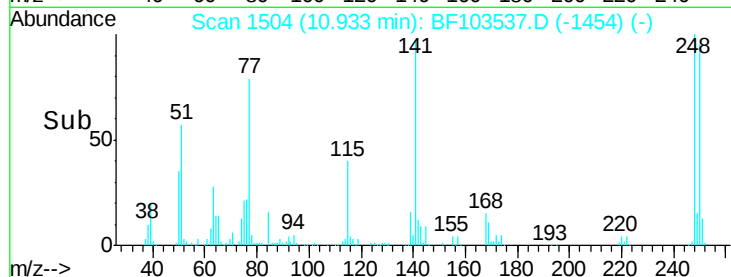
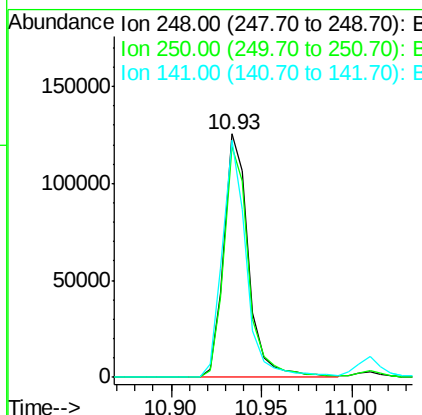
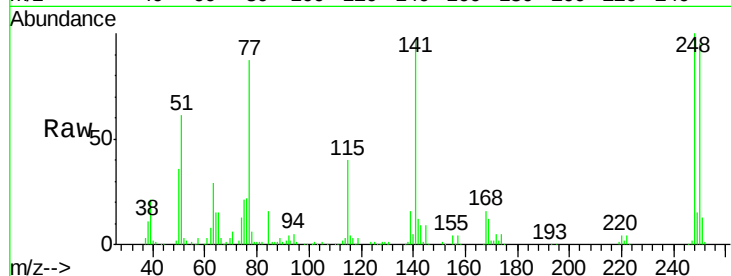




#66
4-Bromophenyl-phenylether
Concen: 35.897 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

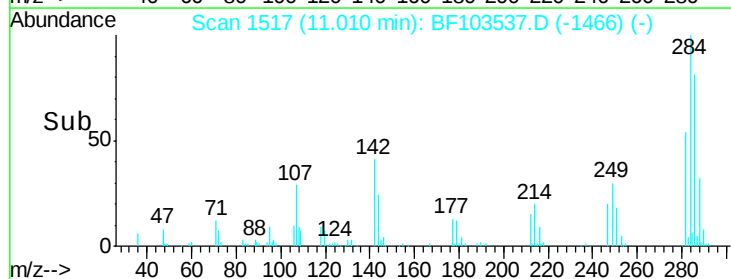
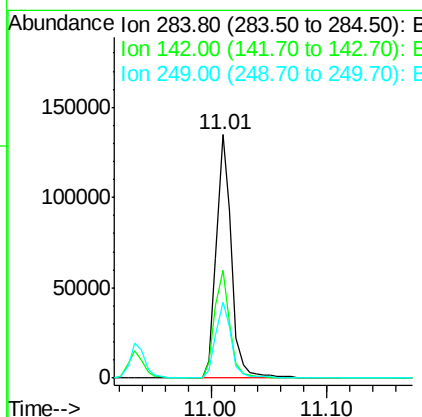
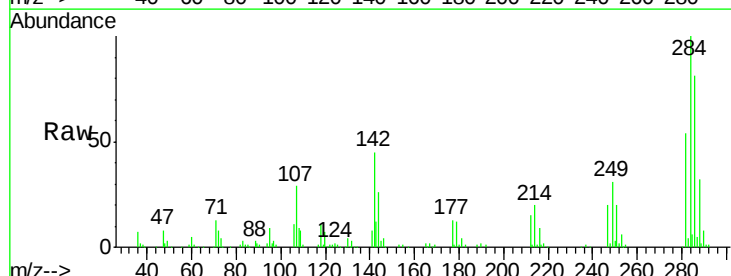
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

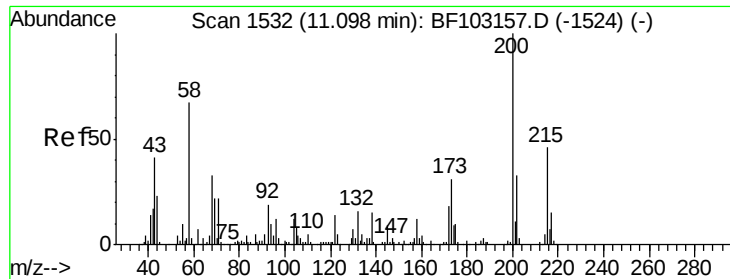
Tot Ion:248 Resp: 119677
Ion Ratio Lower Upper
248 100
250 95.0 76.9 115.3
141 97.2 74.4 111.6



#67
Hexachlorobenzene
Concen: 33.849 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:284 Resp: 122487
Ion Ratio Lower Upper
284 100
142 44.6 34.6 52.0
249 31.0 24.8 37.2

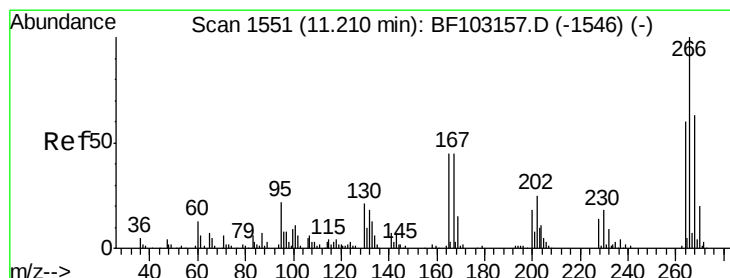
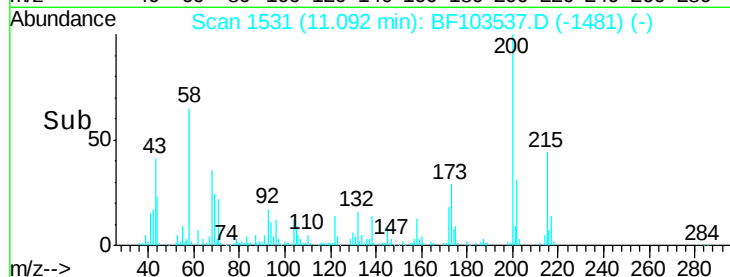
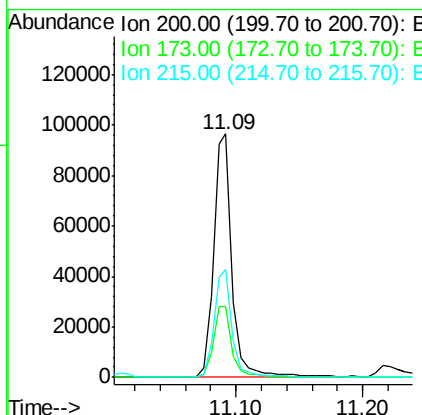
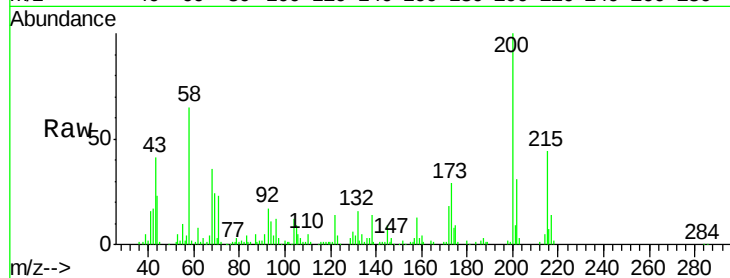




#68
 Atrazine
 Concen: 29.300 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

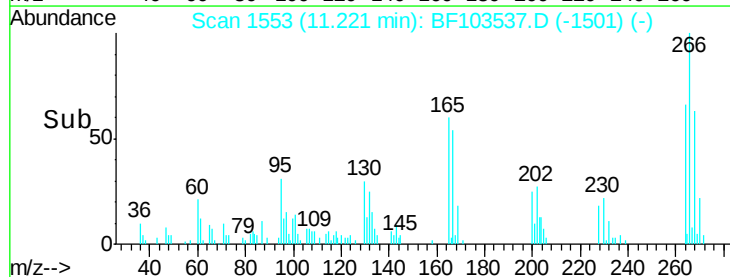
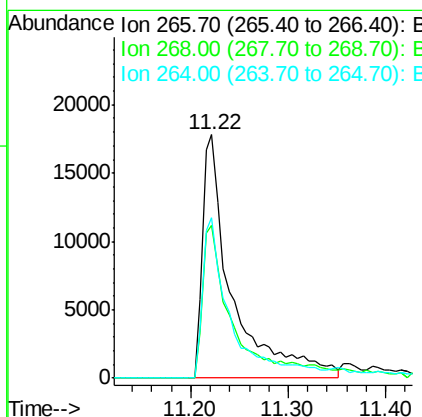
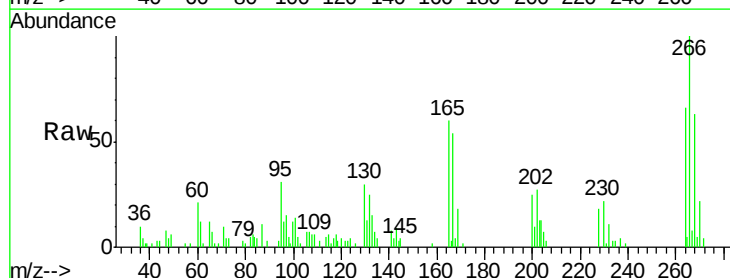
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

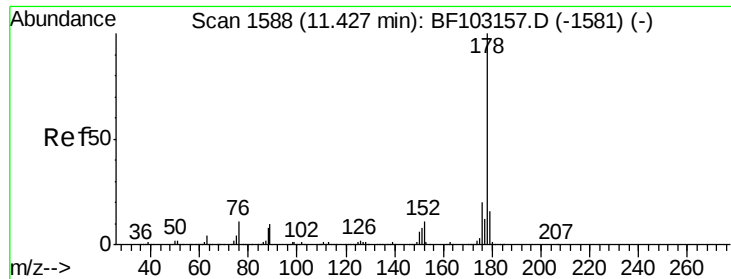
Tot Ion:200 Resp: 98138
 Ion Ratio Lower Upper
 200 100
 173 29.1 8.6 48.6
 215 44.2 25.1 65.1



#69
 Pentachlorophenol
 Concen: 21.437 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF103537.D
 Acq: 9 Mar 2018 1:20

Tgt Ion:266 Resp: 37508
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 65.8 49.5 74.3

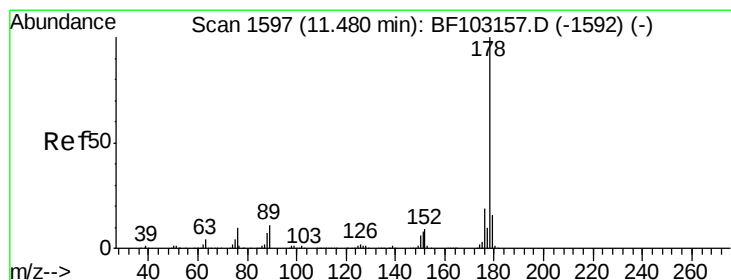
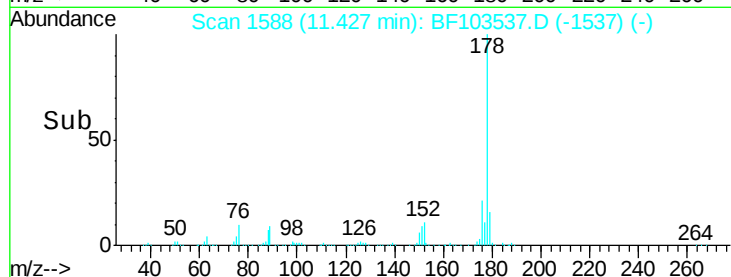
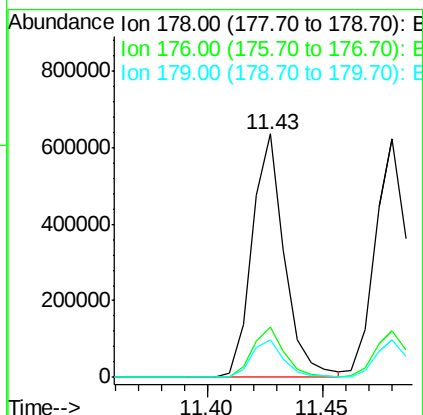
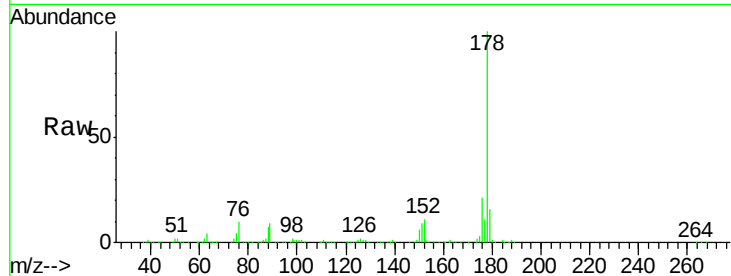




#70
Phenanthrene
Concen: 35.320 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

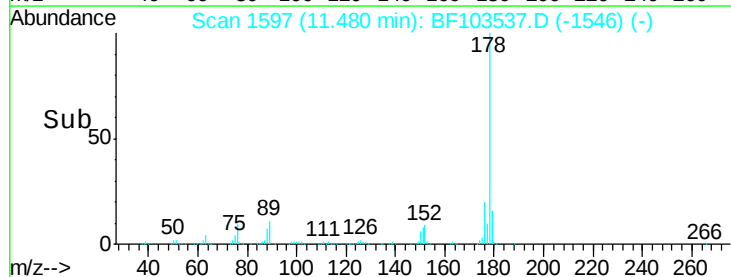
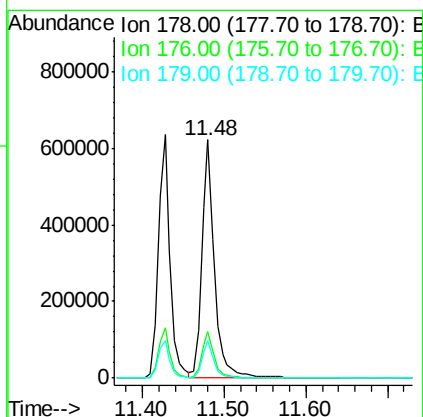
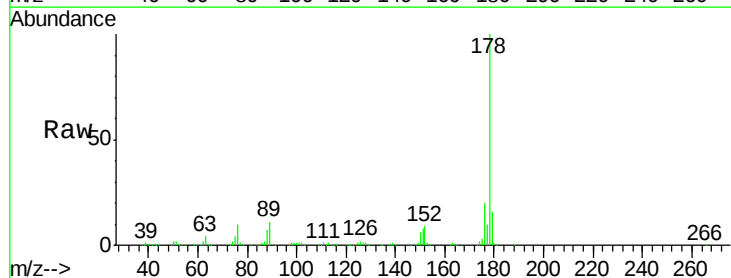
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

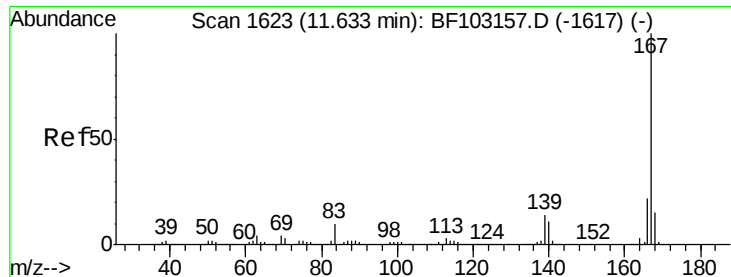
Tot Ion:178 Resp: 622088
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.8
179 15.5 13.0 19.6



#71
Anthracene
Concen: 37.054 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:178 Resp: 669227
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.7 12.6 19.0





#72

Carbazole

Concen: 37.602 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

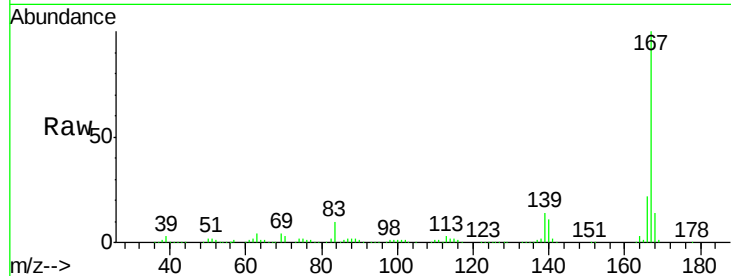
Tot Ion:167 Resp: 676301

Ion Ratio Lower Upper

167 100

166 21.5 17.6 26.4

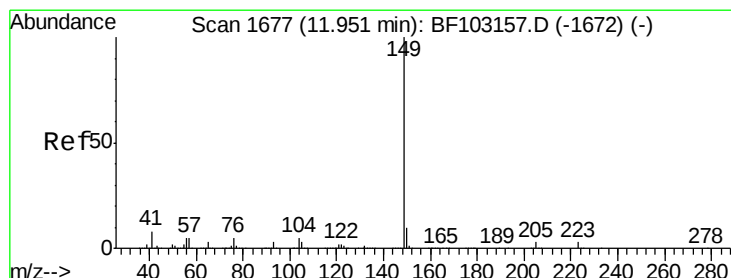
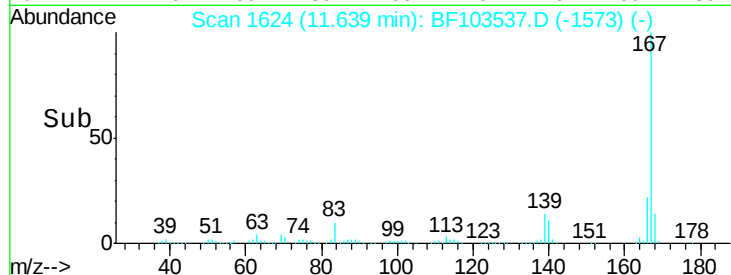
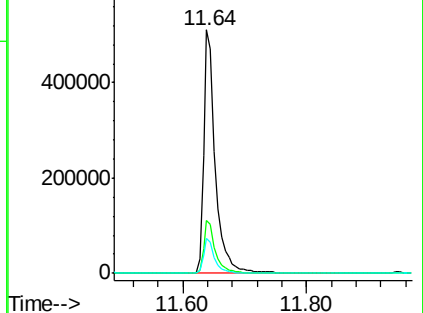
139 14.5 10.9 16.3



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: 38.679 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

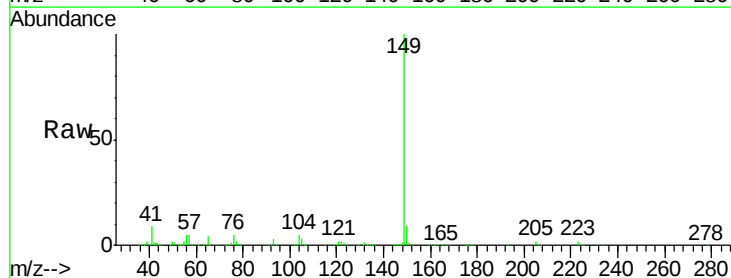
Tgt Ion:149 Resp: 870492

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

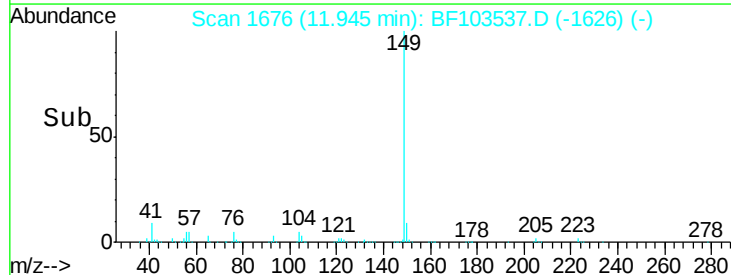
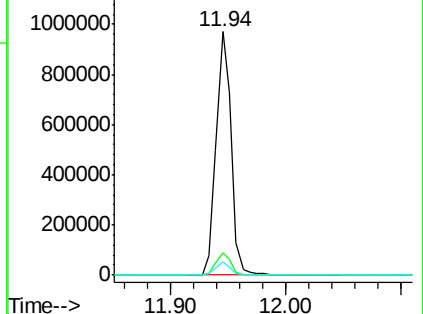
104 5.3 3.8 5.8

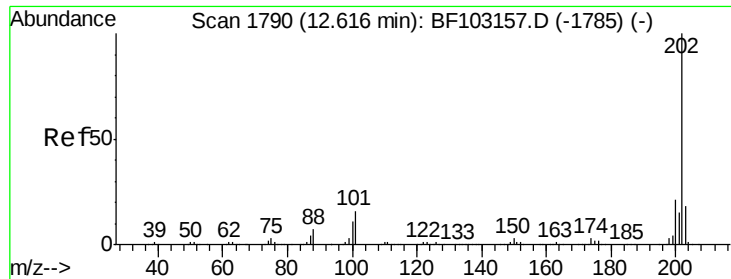


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

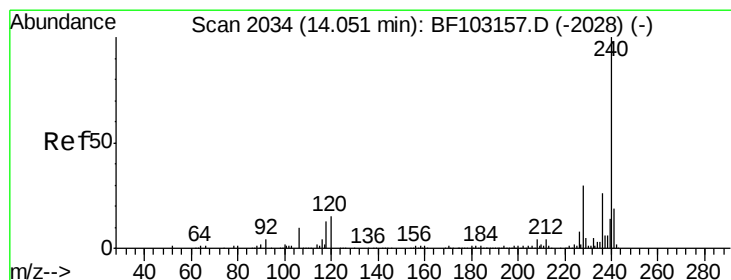
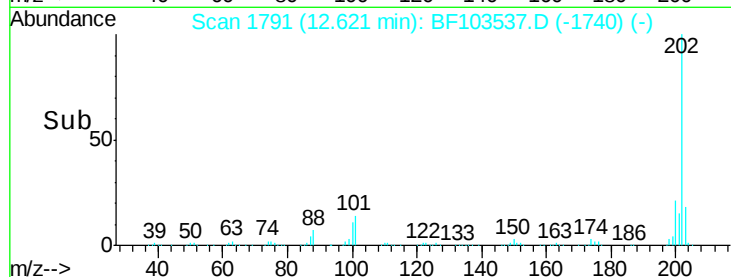
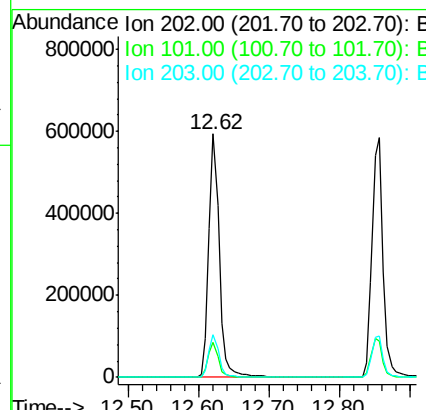
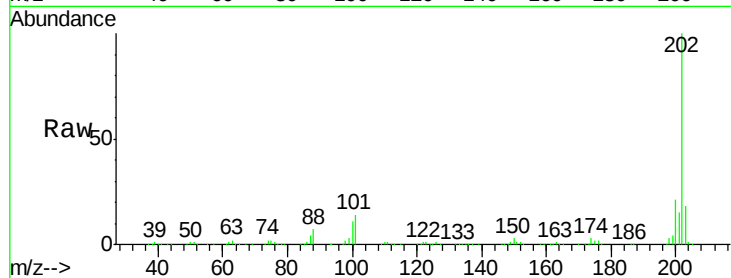




#74
Fluoranthene
Concen: 34.915 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

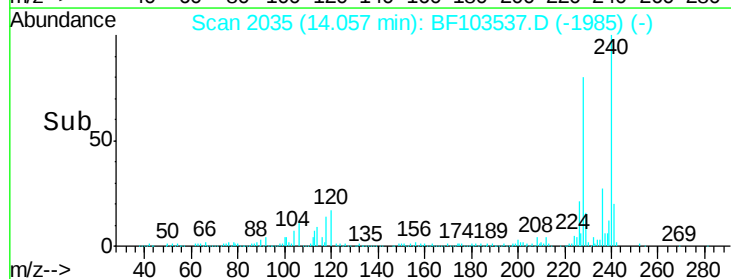
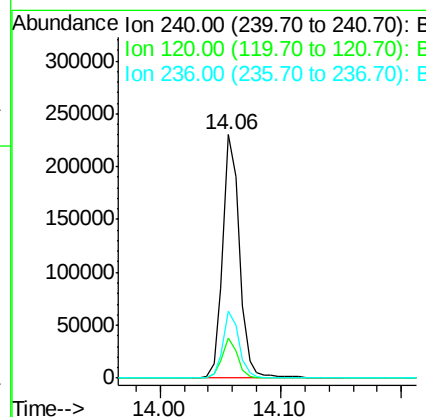
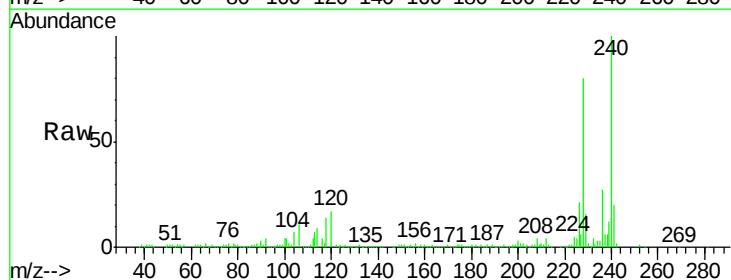
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

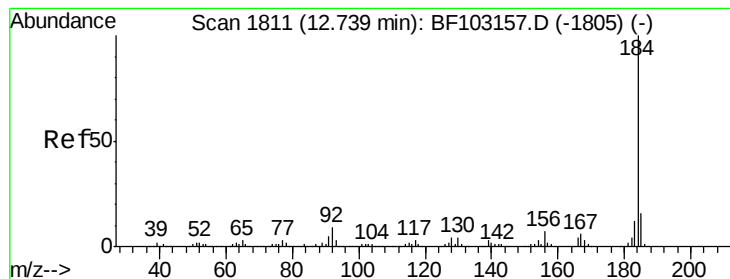
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	17.6	0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.6	9.5	14.3#
236	27.3	20.7	31.1





#76

Benzidine

Concen: 40.915 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

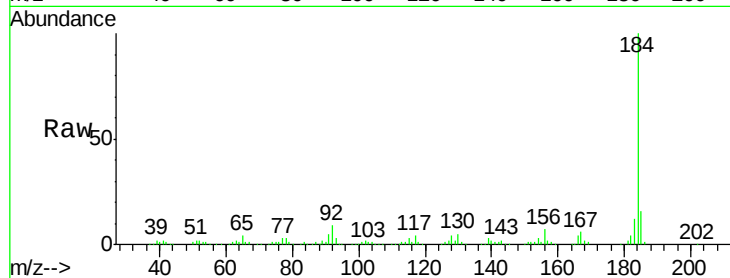
Tot Ion:184 Resp: 337336

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

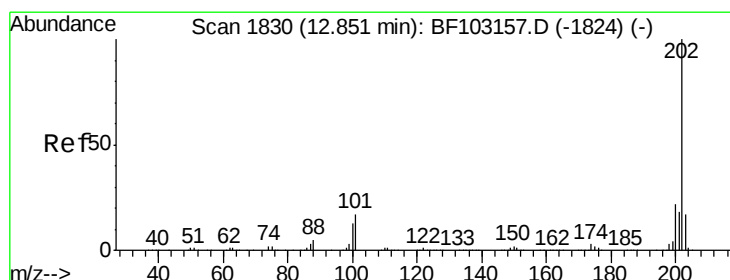
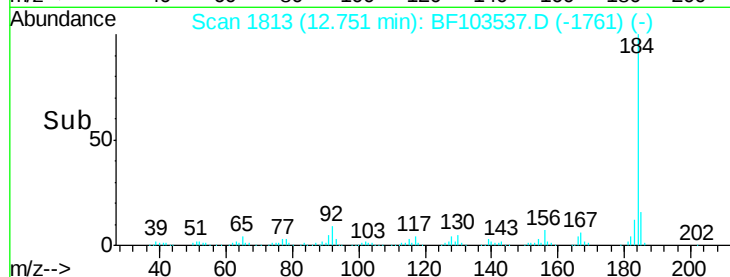
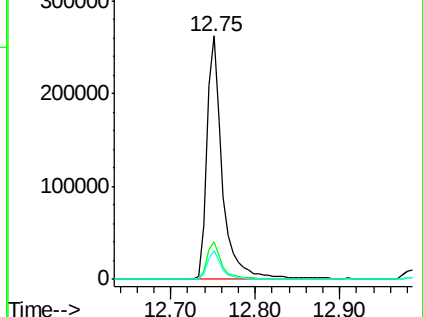
183 11.7 9.3 13.9



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

Pyrene

Concen: 37.251 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

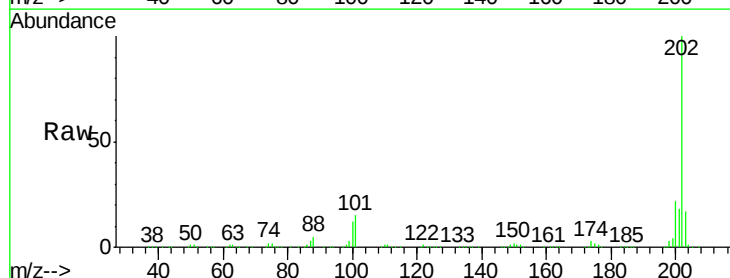
Tgt Ion:202 Resp: 640512

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

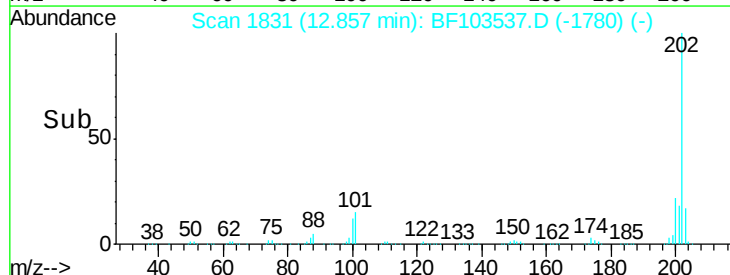
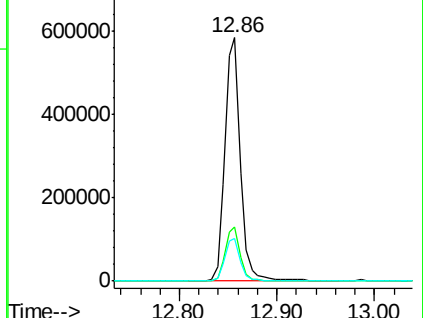
203 17.4 14.3 21.5

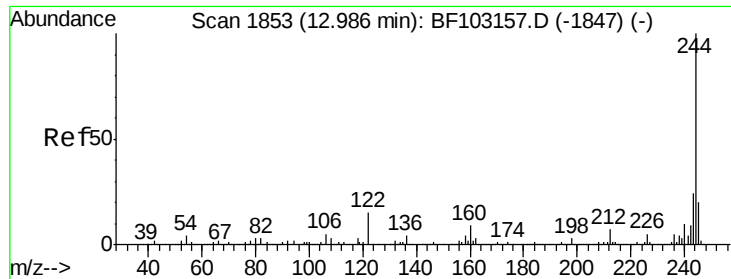


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 71.681 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

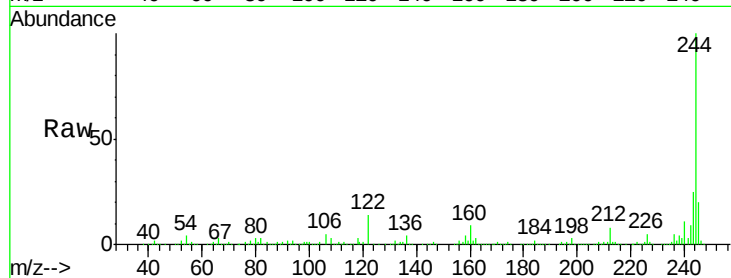
Tot Ion:244 Resp: 657618

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

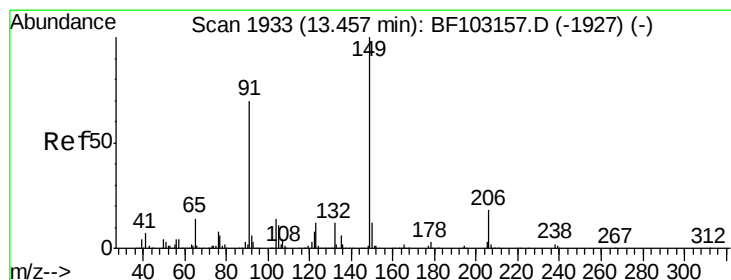
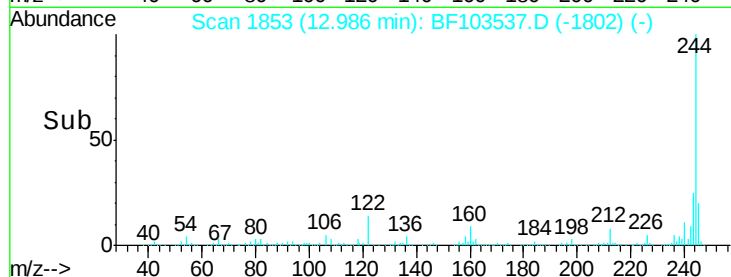
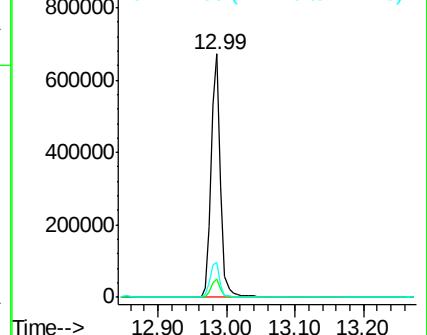
122 14.3 11.0 16.4



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: 38.012 ng

RT: 13.45 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

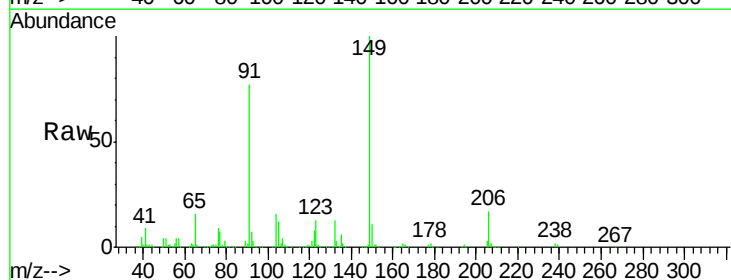
Tgt Ion:149 Resp: 345320

Ion Ratio Lower Upper

149 100

91 77.3 56.8 85.2

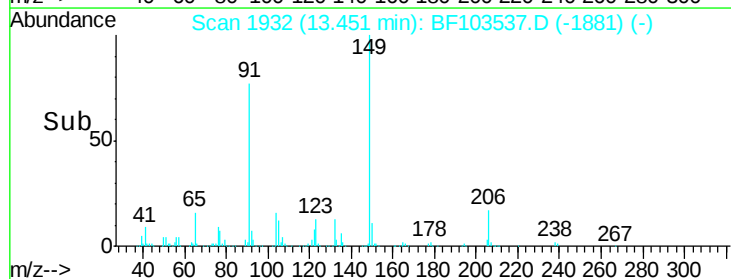
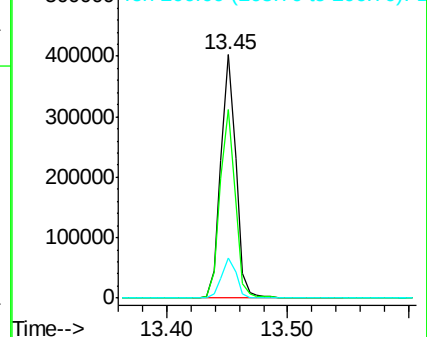
206 16.7 14.1 21.1

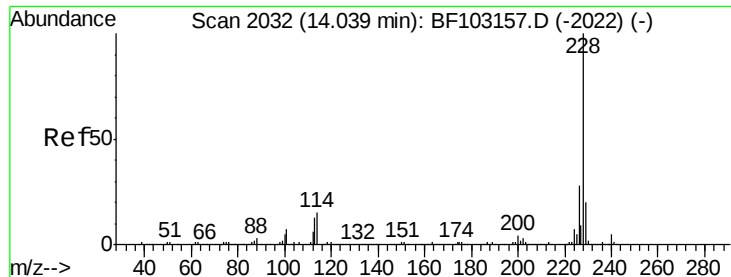


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 35.456 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

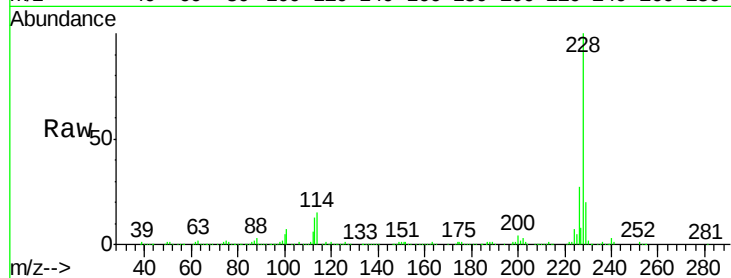
Tot Ion:228 Resp: 507352

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

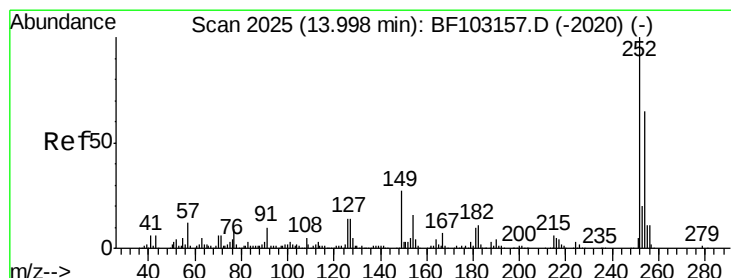
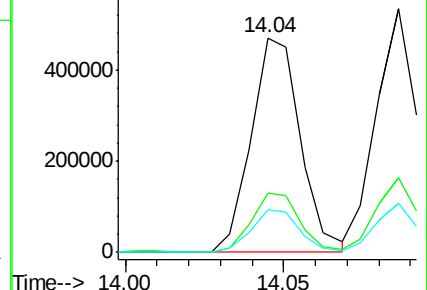
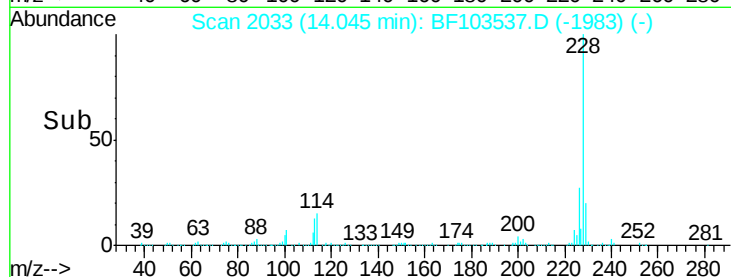
229 20.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 38.452 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

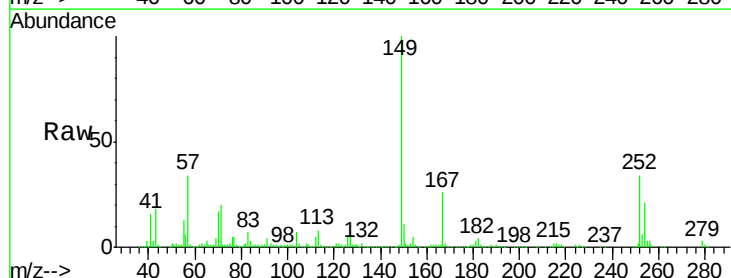
Tgt Ion:252 Resp: 196363

Ion Ratio Lower Upper

252 100

254 63.7 50.4 75.6

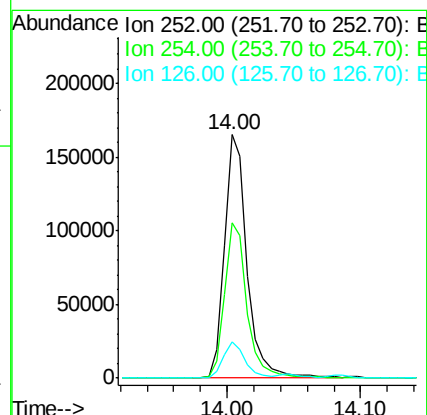
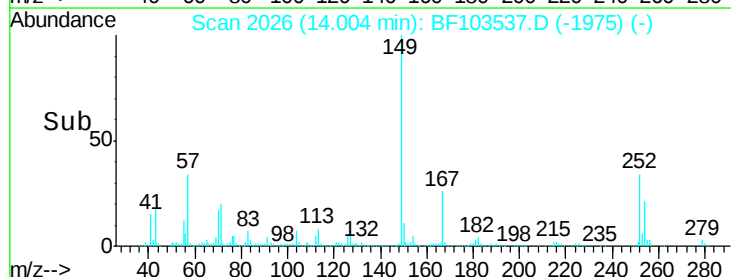
126 14.9 11.3 16.9

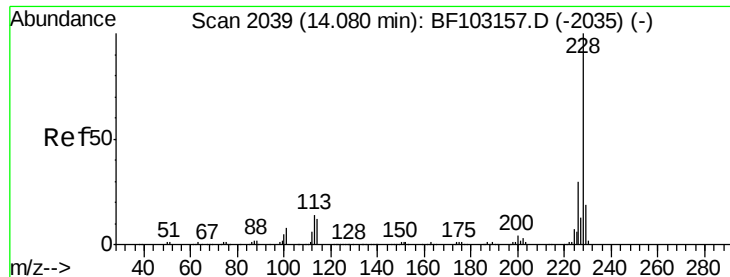


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 36.439 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

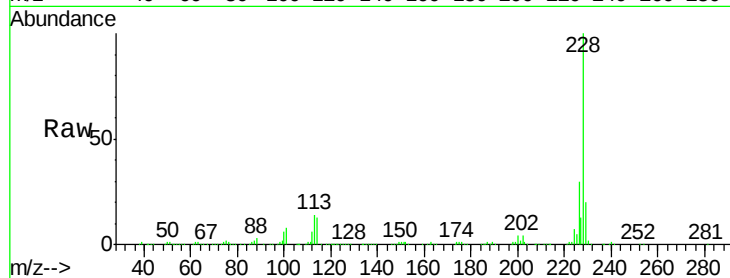
Tot Ion:228 Resp: 506287

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

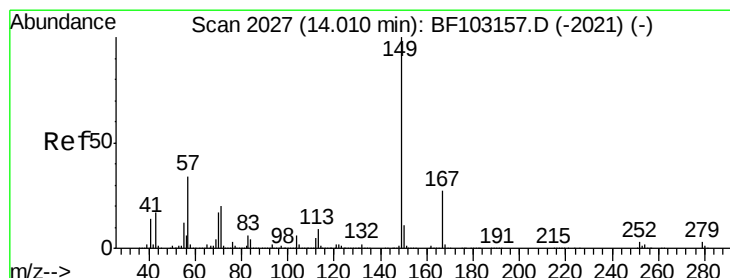
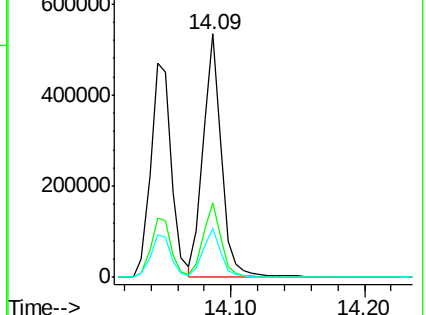
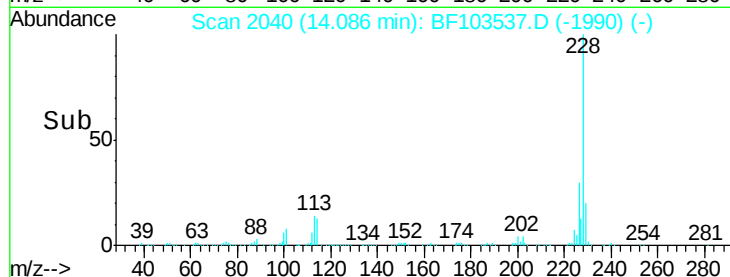
229 20.0 16.2 24.4



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: 37.015 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

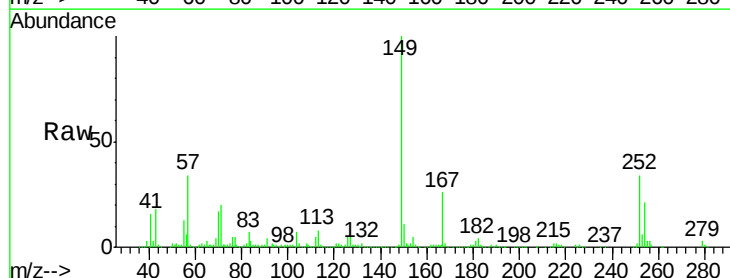
Tgt Ion:149 Resp: 453779

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

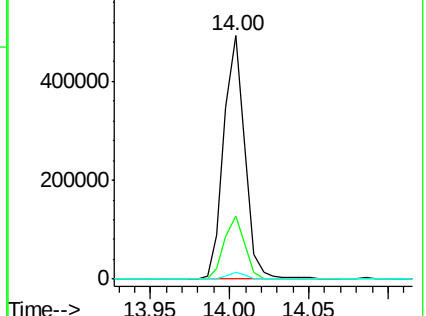
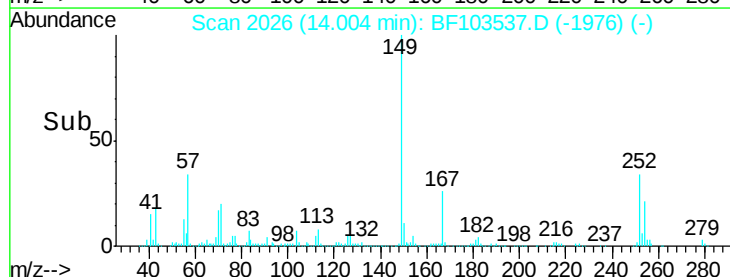
279 2.5 3.0 4.4#

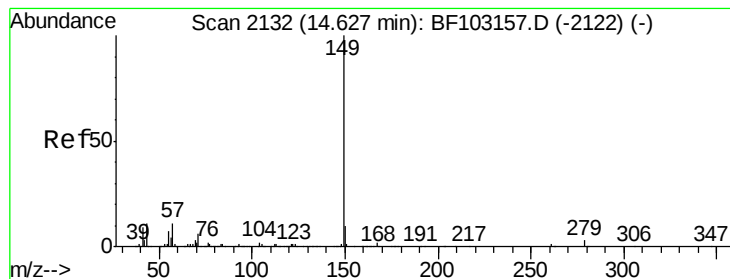


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 39.862 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

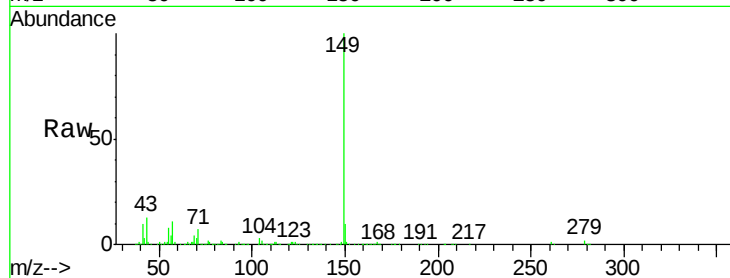
Tot Ion:149 Resp: 789545

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

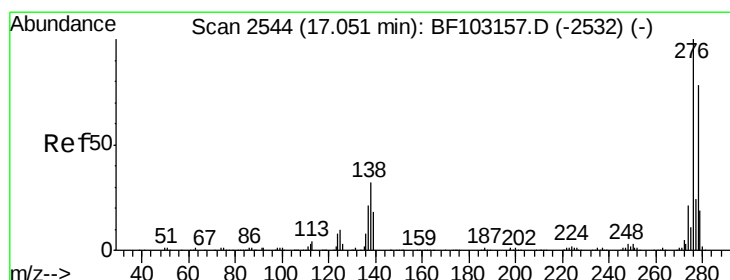
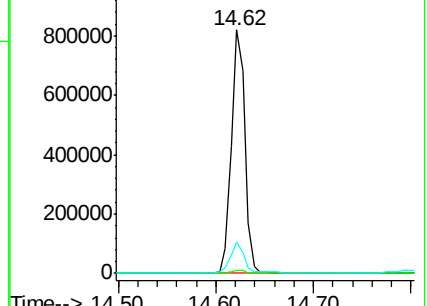
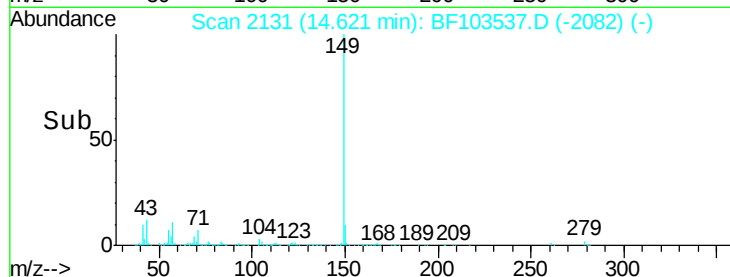
43 12.5 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 33.837 ng

RT: 17.11 min Scan# 2554

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

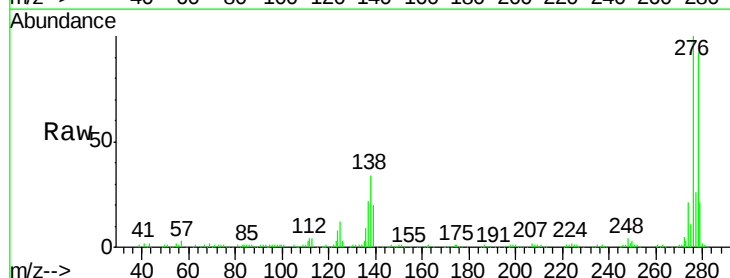
Tgt Ion:276 Resp: 372186

Ion Ratio Lower Upper

276 100

138 34.3 25.0 37.6

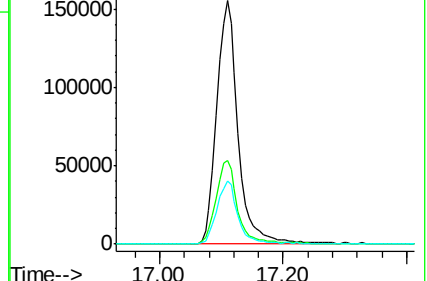
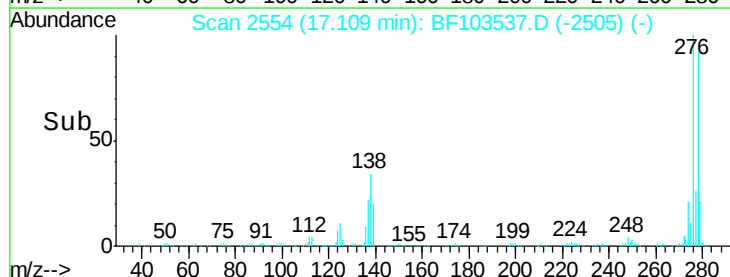
277 25.3 20.1 30.1

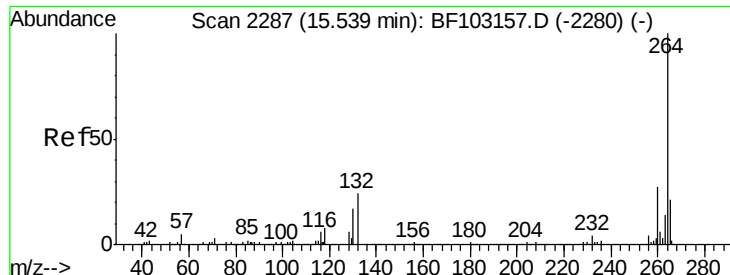


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

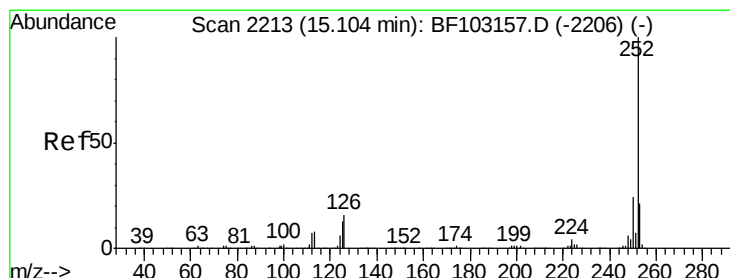
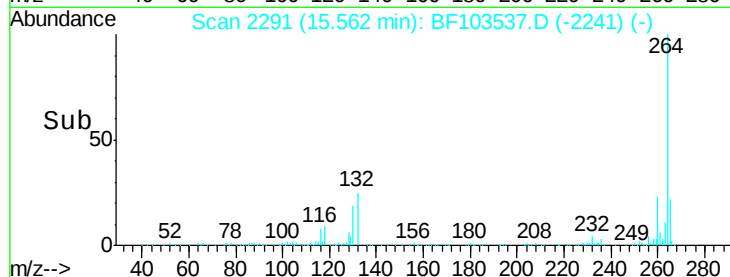
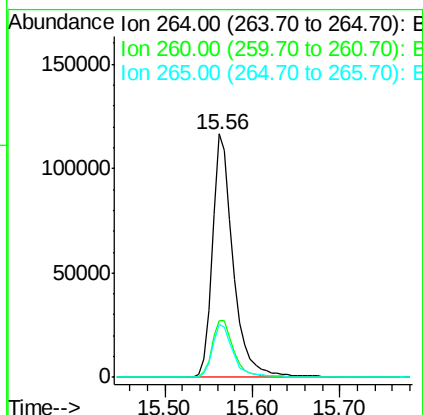
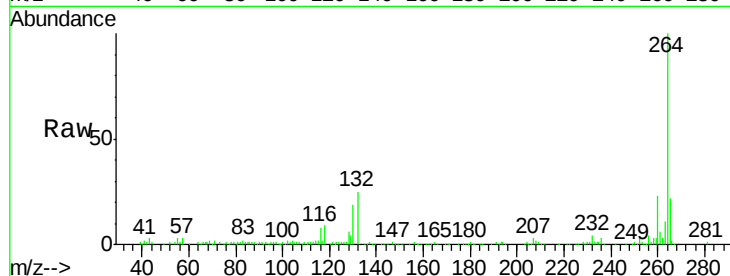




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

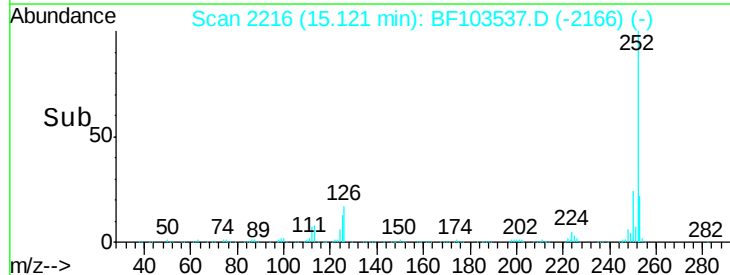
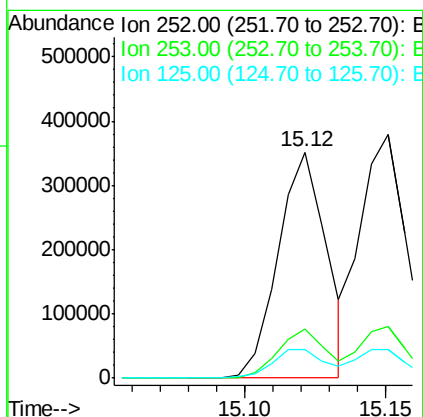
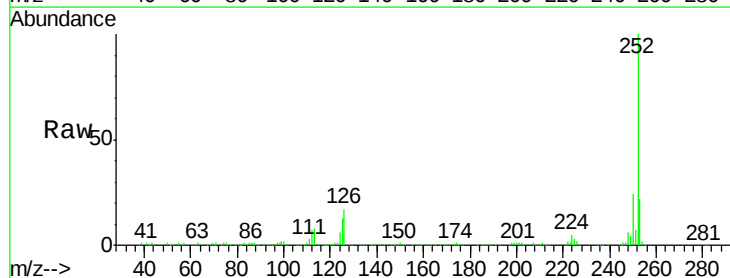
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

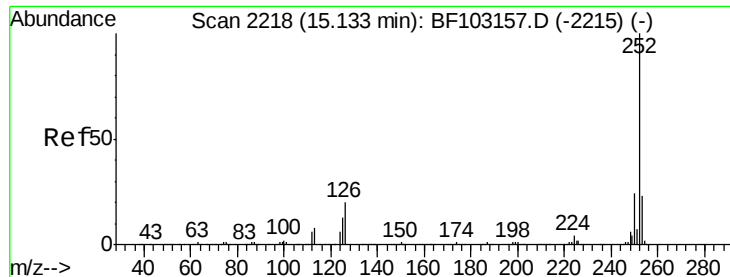
Tot Ion:264 Resp: 192098
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.9 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 32.997 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:252 Resp: 416758
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 12.9 9.0 13.6

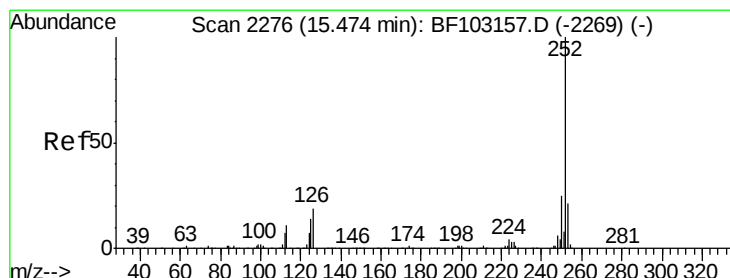
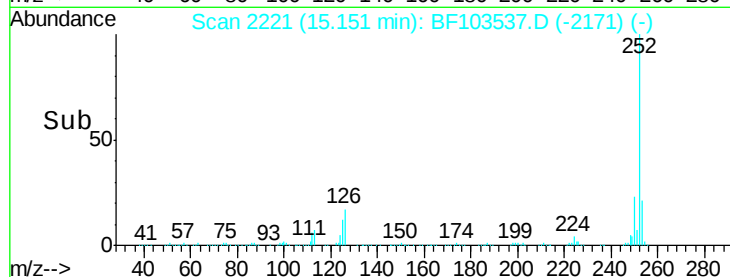
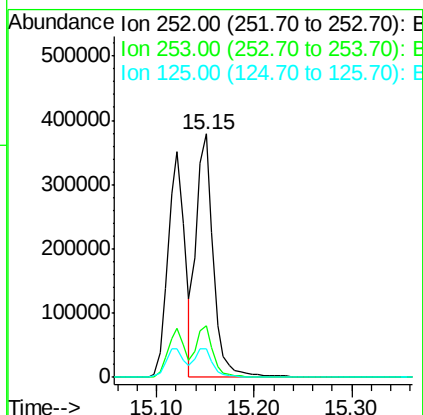
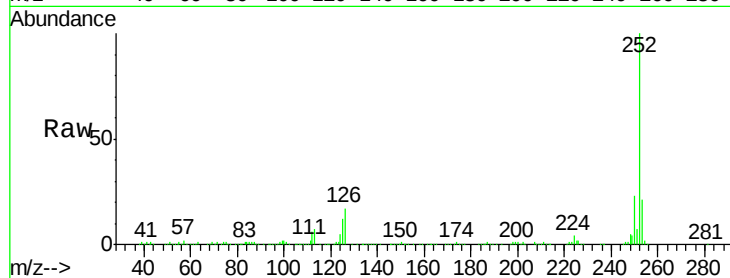




#88
Benzo(k)fluoranthene
Concen: 38.518 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

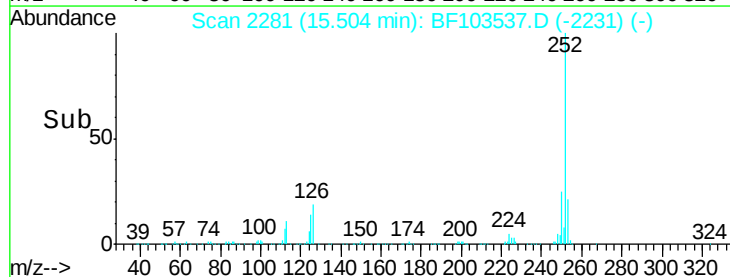
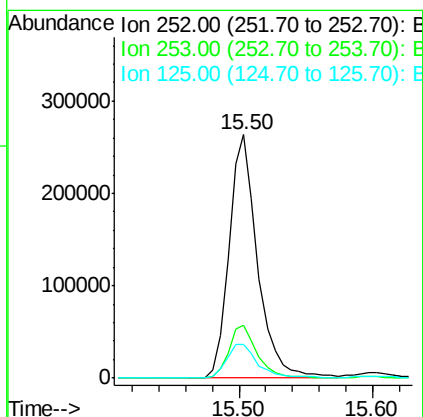
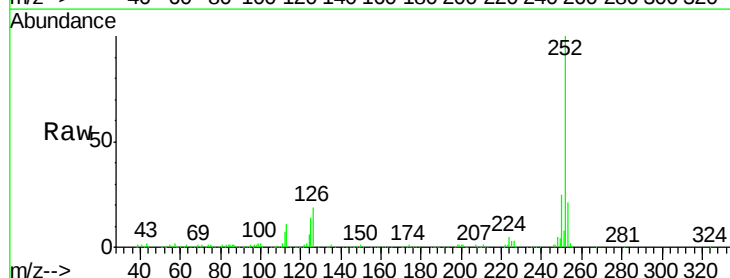
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

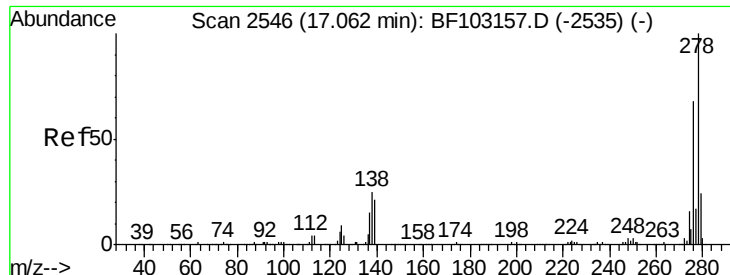
Tot Ion:252 Resp: 458106
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 11.8 10.2 15.2



#89
Benzo(a)pyrene
Concen: 34.730 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF103537.D
Acq: 9 Mar 2018 1:20

Tgt Ion:252 Resp: 391716
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 13.8 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 36.826 ng

RT: 17.11 min Scan# 2554

Delta R.T. -0.01 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

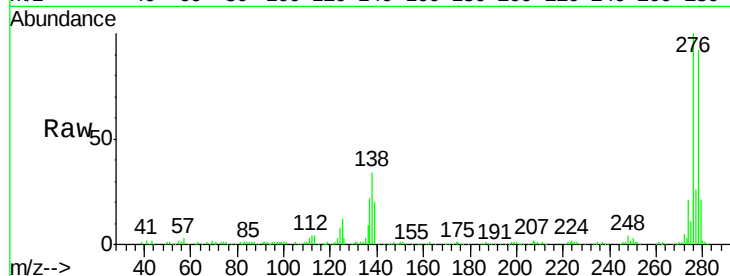
Tot Ion:278 Resp: 320951

Ion Ratio Lower Upper

278 100

139 21.5 15.9 23.9

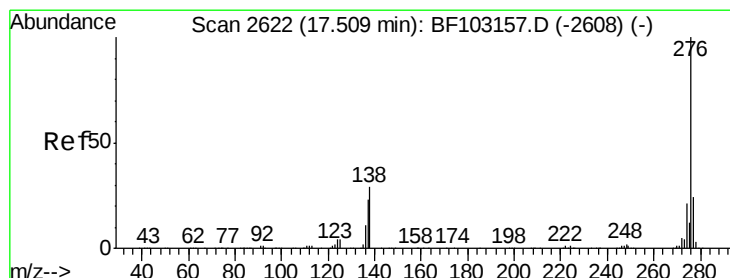
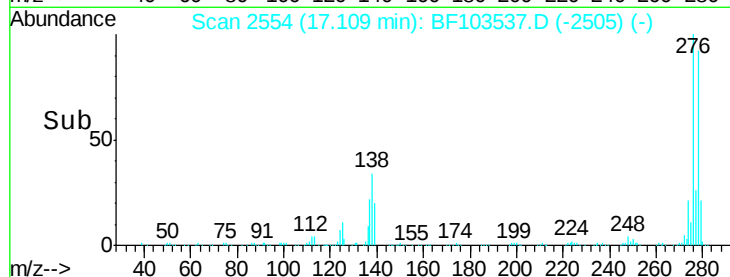
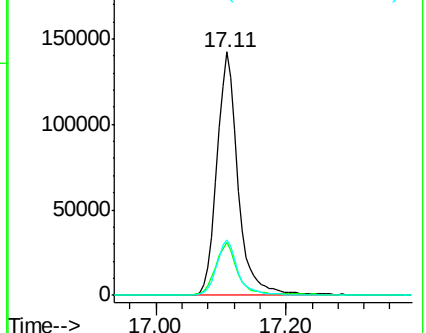
279 23.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 36.146 ng

RT: 17.58 min Scan# 2634

Delta R.T. 0.00 min

Lab File: BF103537.D

Acq: 9 Mar 2018 1:20

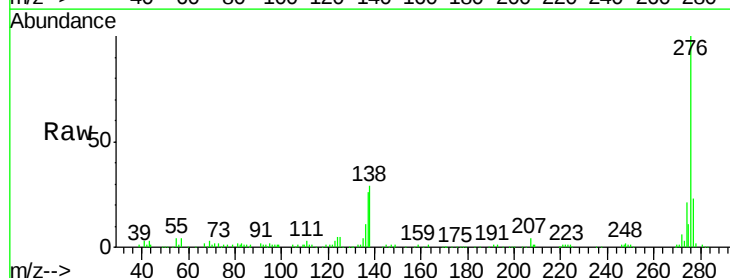
Tgt Ion:276 Resp: 307882

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 29.5 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

