

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035156.D
 Acq On : 15 Jun 2018 3:35
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 15 07:24:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	64536	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	275093	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	203767	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	520112	20.00	ng	0.00
75) Chrysene-d12	21.70	240	544118	20.00	ng	-0.01
86) Perylene-d12	24.93	264	536463	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	314667	82.28	ng	0.00
7) Phenol-d6	7.22	99	497174	88.09	ng	0.00
23) Nitrobenzene-d5	9.23	82	524699	90.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	237133	90.91	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1199896	76.55	ng	-0.01
78) Terphenyl-d14	20.04	244	1947389	74.97	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	67728	37.120	ng	# 73
3) Pyridine	3.95	79	208576	42.368	ng	# 70
4) n-Nitrosodimethylamine	3.86	42	80387	38.009	ng	# 78
6) Aniline	7.39	93	307690	42.174	ng	99
8) 2-Chlorophenol	7.63	128	171257	42.724	ng	99
9) Benzaldehyde	7.21	77	166763	38.358	ng	95
10) Phenol	7.25	94	253072	43.327	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	191101	42.152	ng	93
12) 1,3-Dichlorobenzene	7.96	146	200167	41.852	ng	98
13) 1,4-Dichlorobenzene	8.10	146	201776	40.869	ng	97
14) 1,2-Dichlorobenzene	8.42	146	194481	41.936	ng	96
15) Benzyl Alcohol	8.30	79	225043	42.079	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	144665	32.060	ng	73
17) 2-Methylphenol	8.50	107	170249	44.209	ng	# 87
18) Hexachloroethane	9.15	117	73696	41.694	ng	95
19) n-Nitroso-di-n-propylamine	8.87	70	193483	40.350	ng	# 88
20) 3+4-Methylphenols	8.83	107	249699	45.237	ng	94
22) Acetophenone	8.89	105	339412	39.830	ng	# 91
24) Nitrobenzene	9.27	77	261477	44.122	ng	93
25) Isophorone	9.79	82	474747	38.854	ng	98
26) 2-Nitrophenol	9.98	139	108896	53.309	ng	# 89
27) 2,4-Dimethylphenol	10.03	122	172145	40.093	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	267695	40.769	ng	97
29) 2,4-Dichlorophenol	10.51	162	205503	43.987	ng	91
30) 1,2,4-Trichlorobenzene	10.73	180	240018	42.844	ng	97
31) Naphthalene	10.92	128	584426	40.895	ng	99
32) Benzoic acid	10.18	122	133417	46.391	ng	95
33) 4-Chloroaniline	11.02	127	264066	42.556	ng	95
34) Hexachlorobutadiene	11.21	225	178516	40.974	ng	97
35) Caprolactam	11.82	113	77086	44.646	ng	# 74
36) 4-Chloro-3-methylphenol	12.14	107	258945	44.463	ng	100
37) 2-Methylnaphthalene	12.52	142	455475	42.039	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	313430	41.296	ng	98
40) Hexachlorocyclopentadiene	12.86	237	178780	37.562	ng	95

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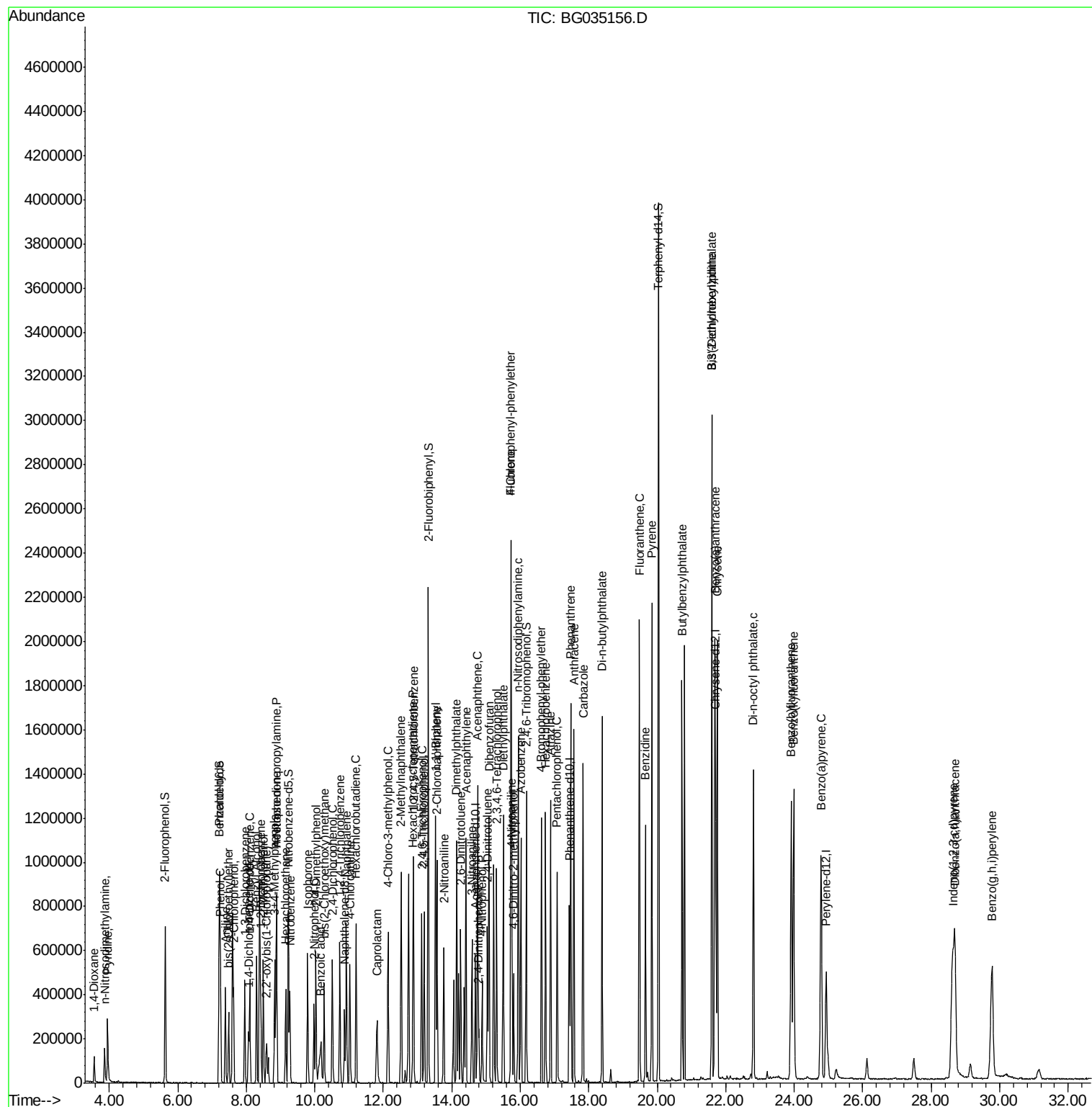
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	202416	44.539	ng	95
43) 2,4,5-Trichlorophenol	13.19	196	218658	43.835	ng	98
45) 1,1'-Biphenyl	13.53	154	640549	39.094	ng	99
46) 2-Chloronaphthalene	13.57	162	494463	39.915	ng	99
47) 2-Nitroaniline	13.77	65	177521	48.528	ng	97
48) Acenaphthylene	14.41	152	820676	39.509	ng	99
49) Dimethylphthalate	14.14	163	699988	39.394	ng	99
50) 2,6-Dinitrotoluene	14.26	165	155093	47.843	ng	92
51) Acenaphthene	14.75	154	551024	40.600	ng	99
52) 3-Nitroaniline	14.59	138	155465	48.874	ng #	90
53) 2,4-Dinitrophenol	14.79	184	56470	43.044	ng #	63
54) Dibenzofuran	15.09	168	807287	39.716	ng	95
55) 4-Nitrophenol	14.89	139	111537	41.547	ng #	88
56) 2,4-Dinitrotoluene	15.05	165	222533	51.677	ng #	85
57) Fluorene	15.74	166	670052	39.444	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	215116	44.392	ng #	93
59) Diethylphthalate	15.51	149	709233	39.122	ng	98
60) 4-Chlorophenyl-phenylether	15.72	204	402350	41.536	ng	97
61) 4-Nitroaniline	15.76	138	161001	47.195	ng #	85
62) Azobenzene	16.02	77	666420	37.513	ng	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	120591	50.782	ng	85
65) n-Nitrosodiphenylamine	15.94	169	631715	40.444	ng	99
66) 4-Bromophenyl-phenylether	16.62	248	264956	42.302	ng	96
67) Hexachlorobenzene	16.74	284	269072	42.207	ng	93
68) Atrazine	16.89	200	276214	41.468	ng	94
69) Pentachlorophenol	17.07	266	185540	43.282	ng	98
70) Phenanthrene	17.47	178	1061401	40.173	ng	99
71) Anthracene	17.57	178	1059691	40.041	ng	98
72) Carbazole	17.83	167	982747	40.022	ng	98
73) Di-n-butylphthalate	18.39	149	1141562	39.004	ng #	98
74) Fluoranthene	19.48	202	1369816	39.843	ng	95
76) Benzidine	19.65	184	667676	32.983	ng	97
77) Pyrene	19.84	202	1369424	38.177	ng	95
79) Butylbenzylphthalate	20.72	149	529853	40.679	ng	97
80) Benzo(a)anthracene	21.68	228	1380648	39.707	ng	98
81) 3,3'-Dichlorobenzidine	21.60	252	513119	39.225	ng #	97
82) Chrysene	21.75	228	1279235	40.183	ng	97
83) Bis(2-ethylhexyl)phthalate	21.59	149	715178	38.858	ng #	97
84) Di-n-octyl phthalate	22.81	149	1245520	39.446	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.62	276	1443838	38.724	ng #	91
87) Benzo(b)fluoranthene	23.91	252	1342899	40.649	ng #	96
88) Benzo(k)fluoranthene	23.98	252	1333677	41.269	ng #	97
89) Benzo(a)pyrene	24.78	252	1282988	41.271	ng #	95
90) Dibenzo(a,h)anthracene	28.69	278	1171953	38.190	ng	94
91) Benzo(g,h,i)perylene	29.78	276	1161412	38.672	ng #	93

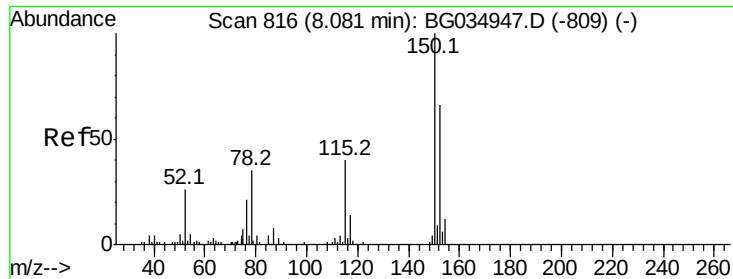
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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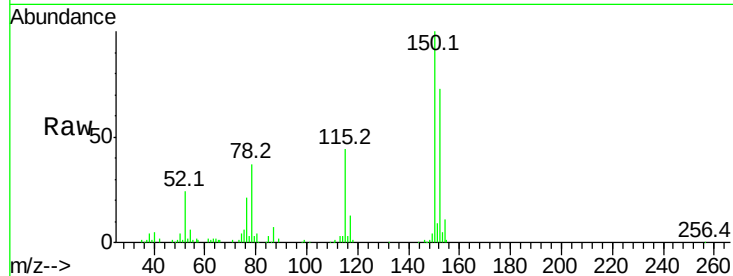


#1

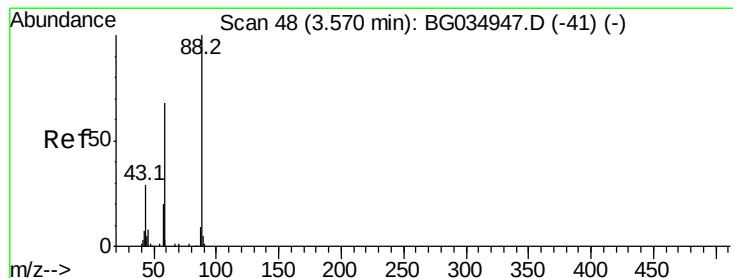
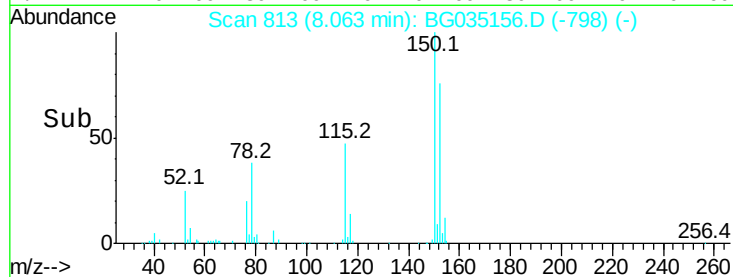
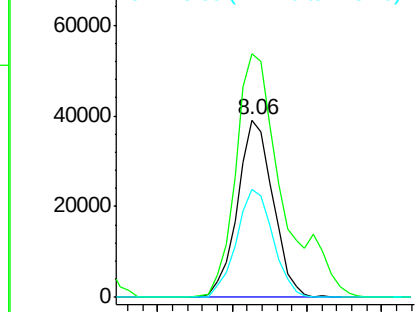
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 64536
Ion Ratio Lower Upper
152 100
150 137.5 126.6 189.8
115 61.2 53.0 79.4



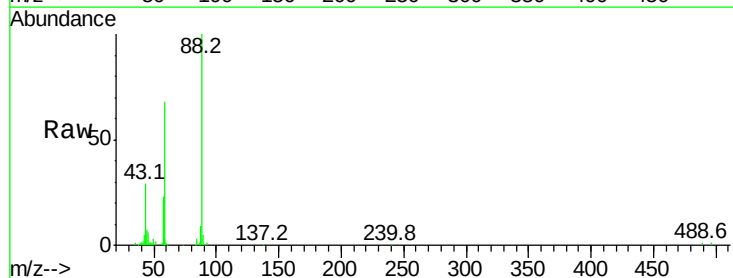
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



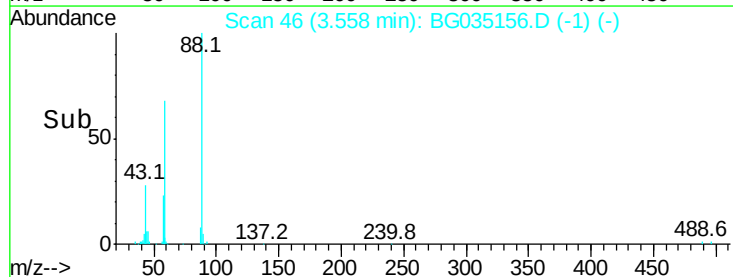
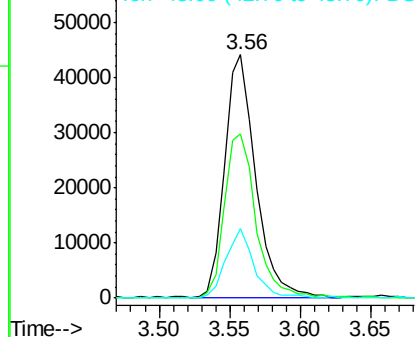
#2

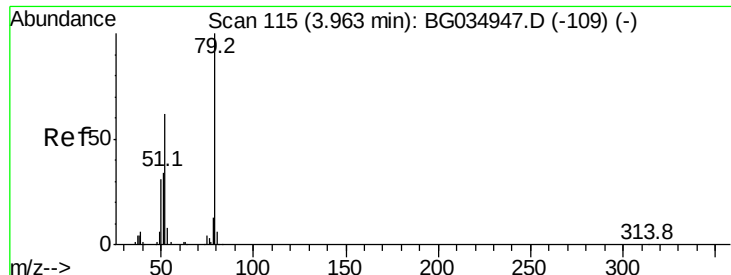
1,4-Dioxane
Concen: 37.120 ng
RT: 3.56 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Tgt Ion: 88 Resp: 67728
Ion Ratio Lower Upper
88 100
58 68.5 79.6 119.4#
43 25.8 27.4 41.0#



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





#3

Pvridine

Concen: 42.368 ng

RT: 3.95 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

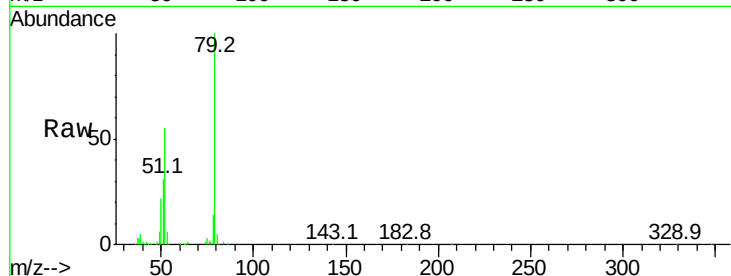
Tot Ion: 79 Resp: 208576

Ion Ratio Lower Upper

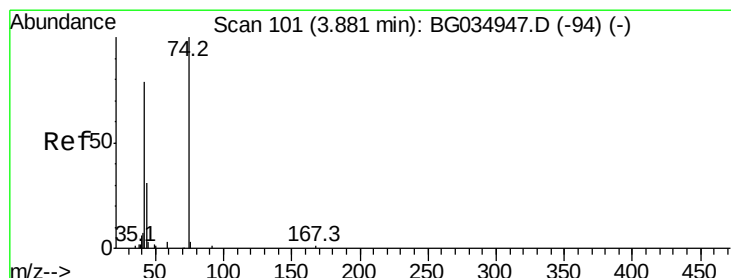
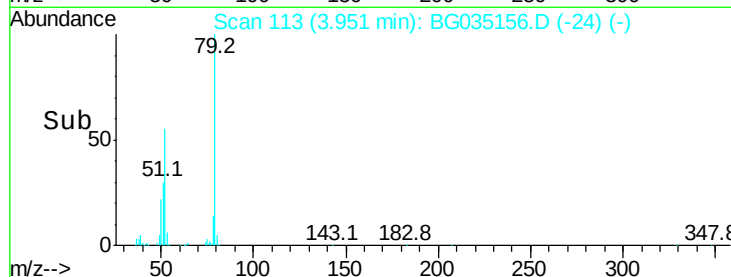
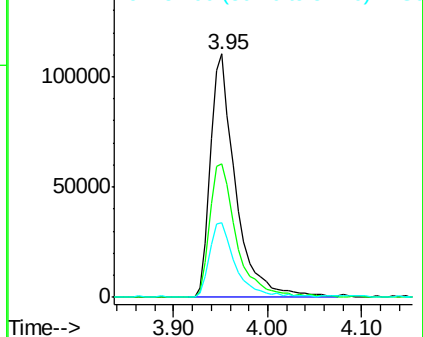
79 100

52 54.9 69.9 104.9#

51 30.7 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.009 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

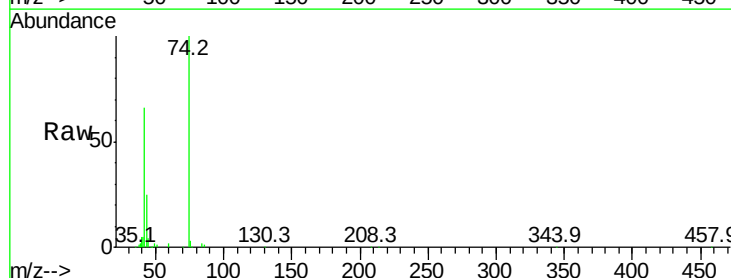
Tgt Ion: 42 Resp: 80387

Ion Ratio Lower Upper

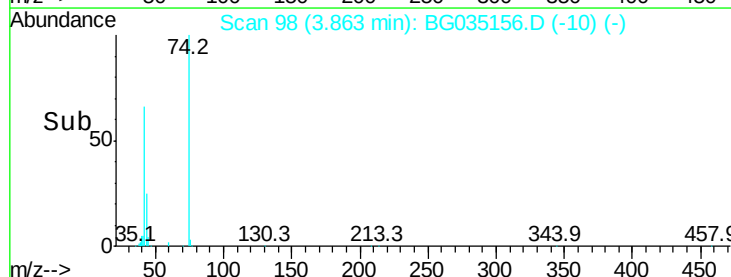
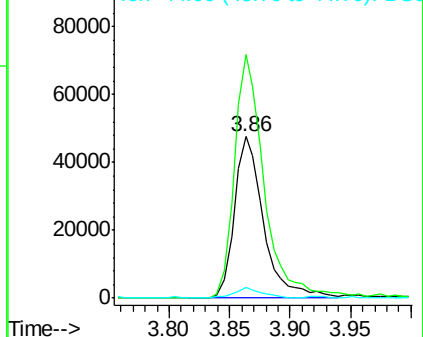
42 100

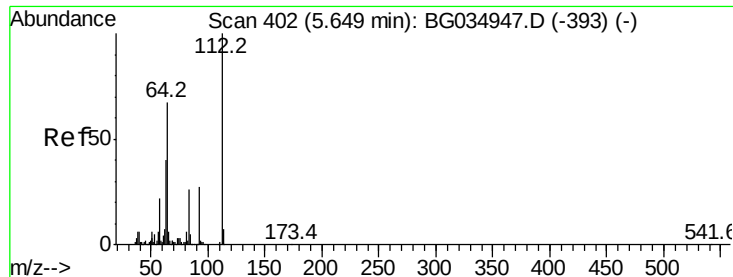
74 150.8 102.5 153.7

44 6.7 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 82.285 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

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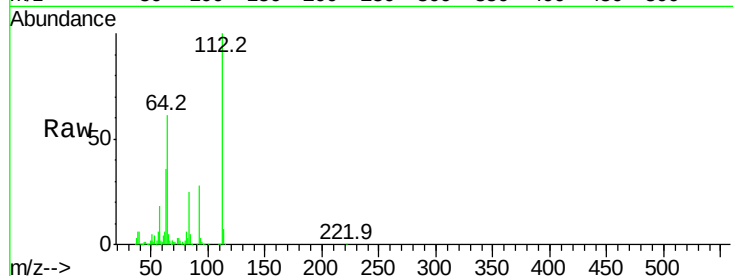
Tot Ion:112 Resp: 314667

Ion Ratio Lower Upper

112 100

64 61.4 56.3 84.5

63 35.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

250000

200000

150000

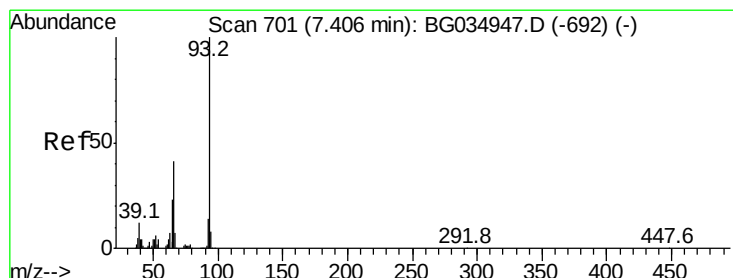
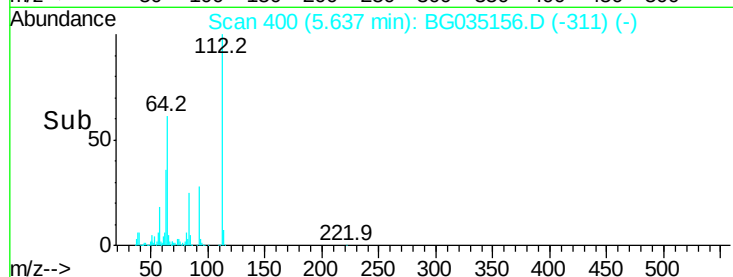
100000

50000

0

5.55 5.60 5.65 5.70

Time-->



#6

Aniline

Concen: 42.174 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

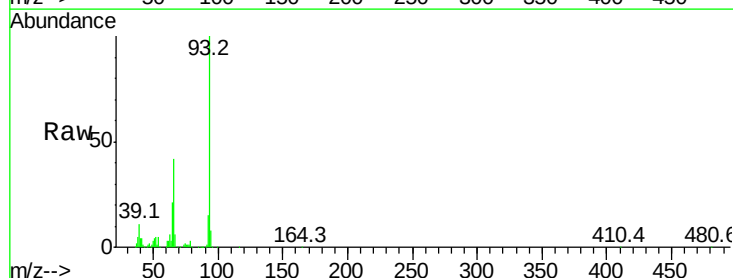
Tgt Ion: 93 Resp: 307690

Ion Ratio Lower Upper

93 100

66 42.4 33.7 50.5

65 20.7 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

200000

150000

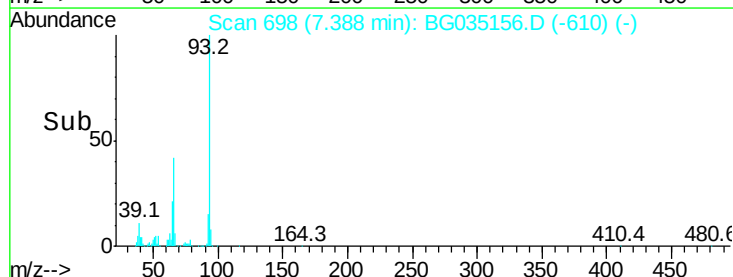
100000

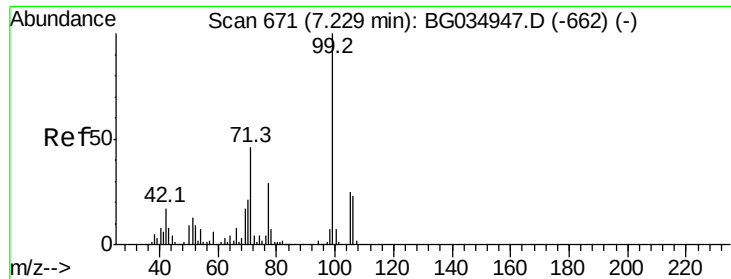
50000

0

7.30 7.35 7.40 7.45

Time-->





#7

Phenol-d6

Concen: 88.086 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035156.D

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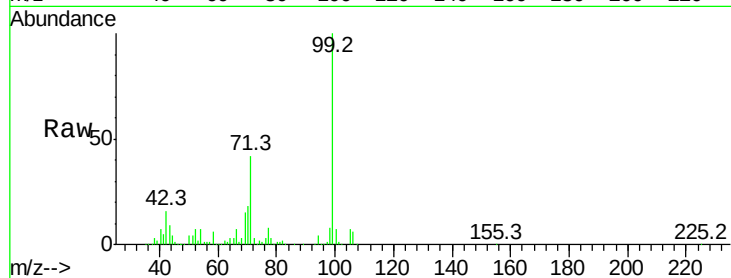
Tot Ion: 99 Resp: 497174

Ion Ratio Lower Upper

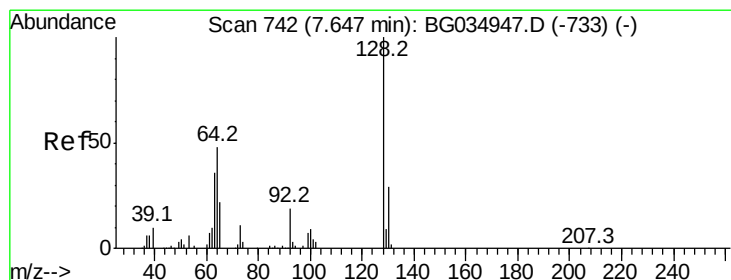
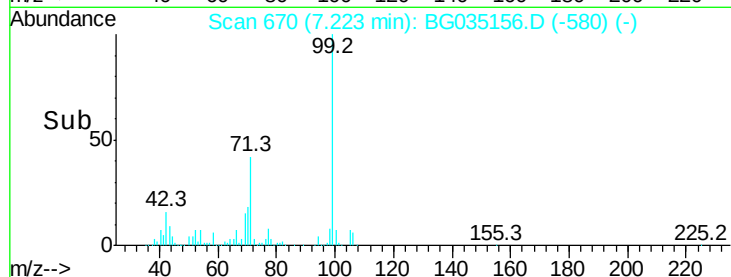
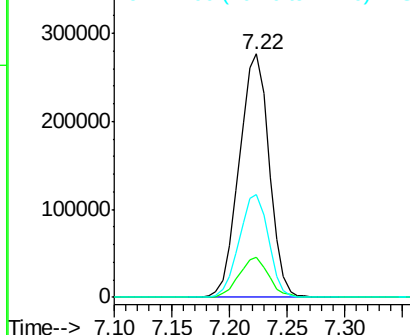
99 100

42 16.3 14.1 21.1

71 42.2 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.724 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

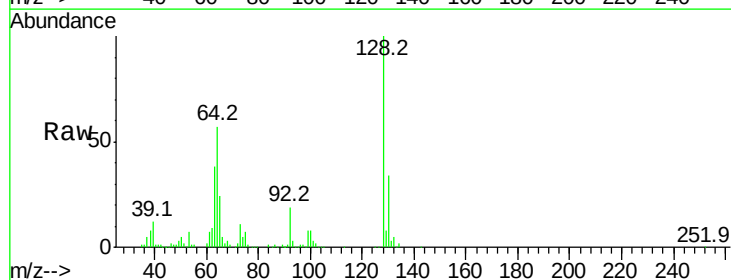
Tgt Ion:128 Resp: 171257

Ion Ratio Lower Upper

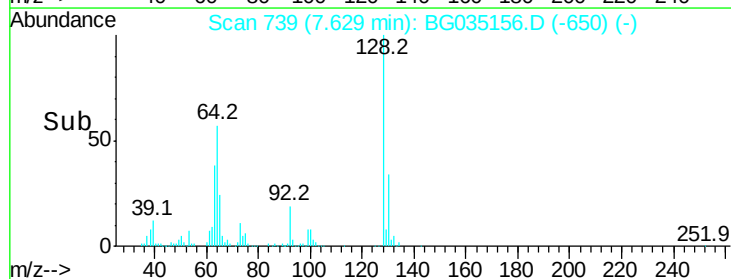
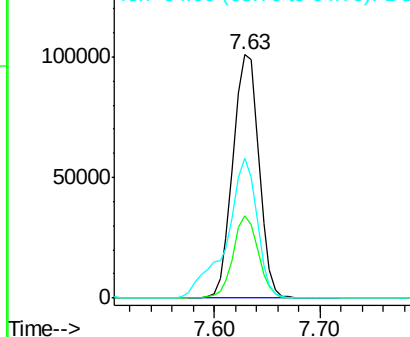
128 100

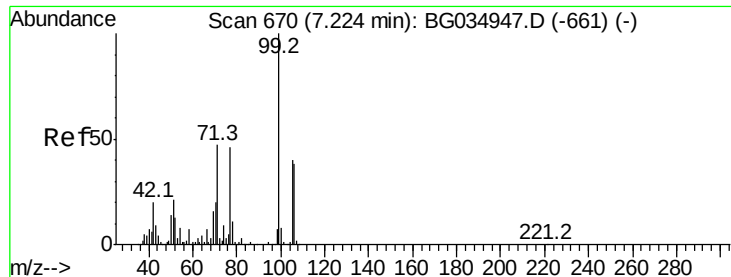
130 33.6 14.0 54.0

64 57.3 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 38.358 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

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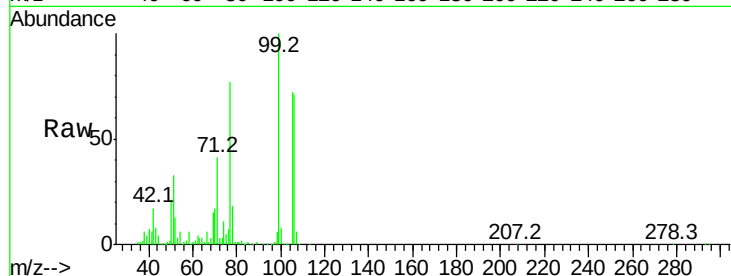
Tot Ion: 77 Resp: 166763

Ion Ratio Lower Upper

77 100

105 93.0 71.3 111.3

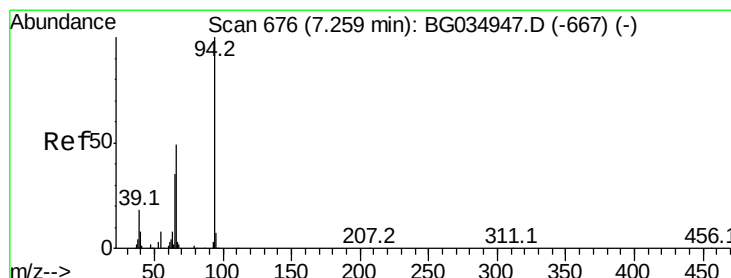
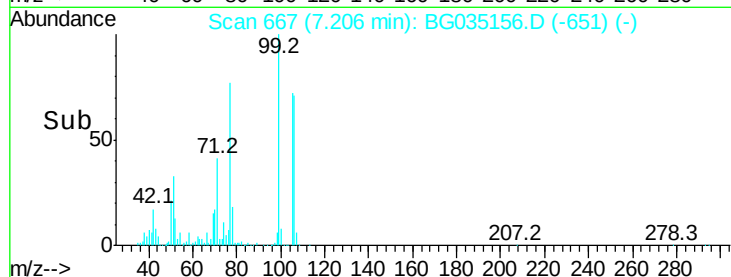
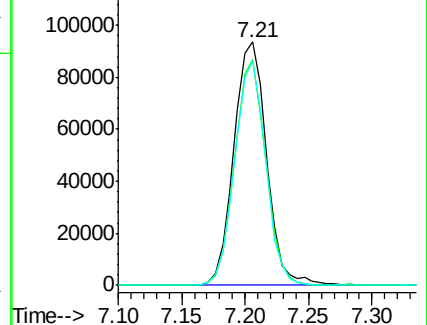
106 92.2 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.327 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

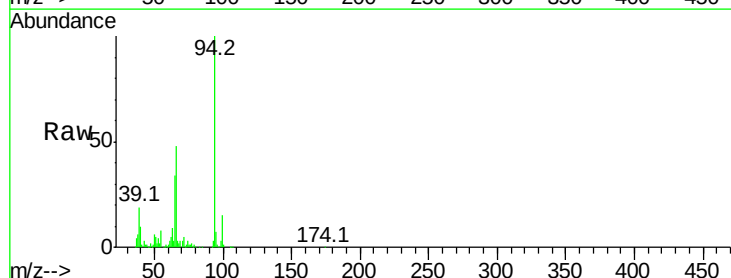
Tgt Ion: 94 Resp: 253072

Ion Ratio Lower Upper

94 100

65 34.4 11.9 51.9

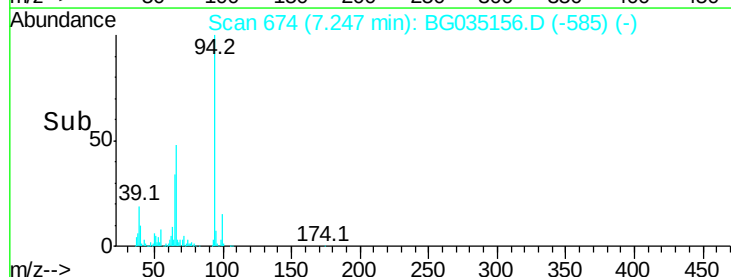
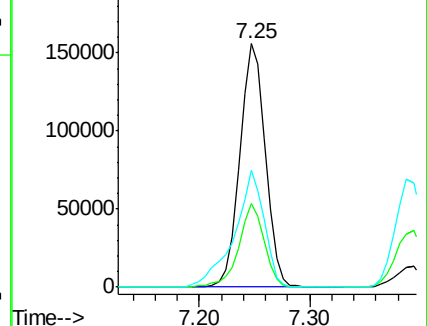
66 47.8 22.2 62.2

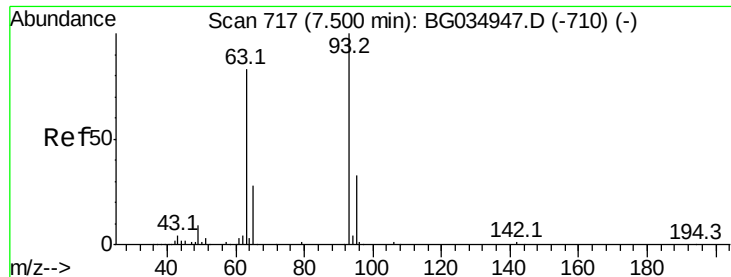


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

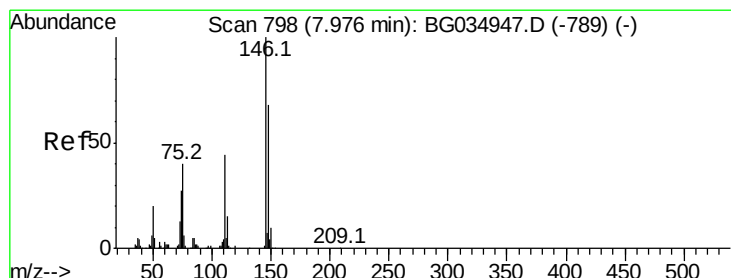
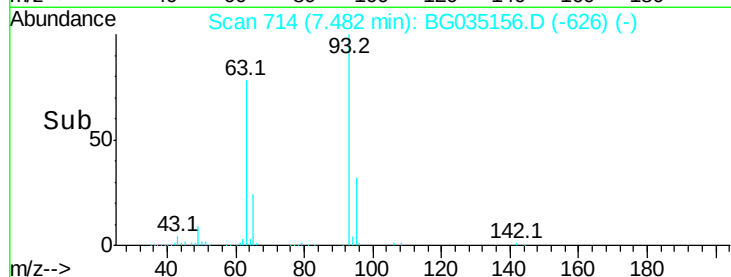
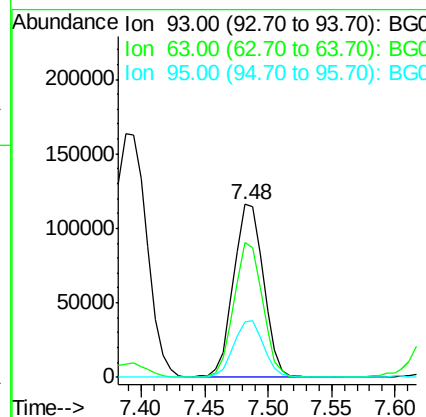
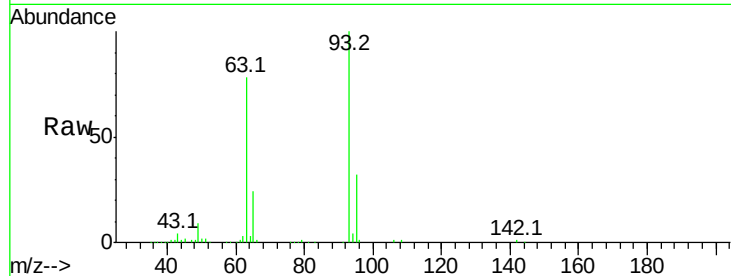




#11
bis(2-Chloroethyl)ether
Concen: 42.152 ng
RT: 7.48 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

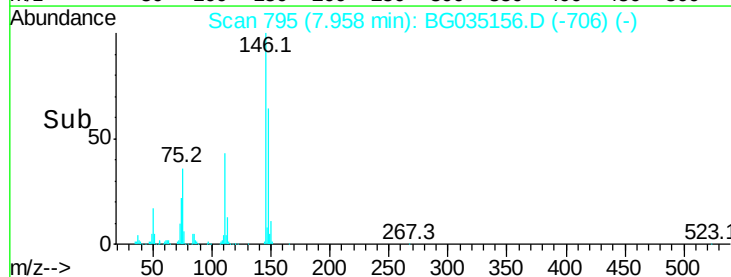
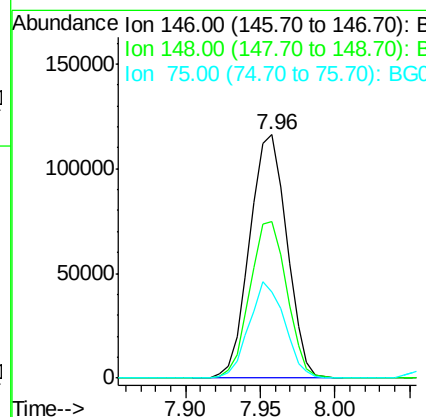
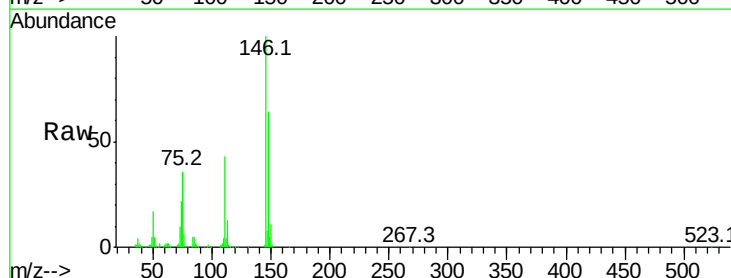
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

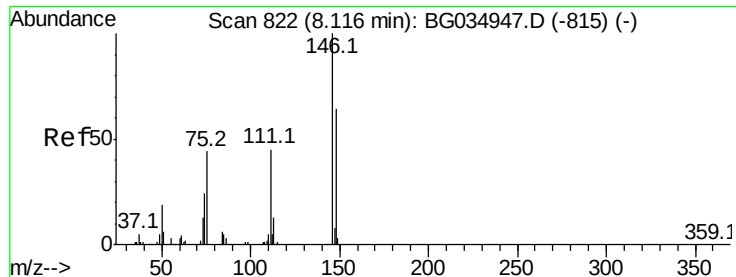
Tot Ion: 93 Resp: 191101
Ion Ratio Lower Upper
93 100
63 78.4 67.1 107.1
95 32.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.852 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Tgt Ion: 146 Resp: 200167
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 35.6 26.6 39.8

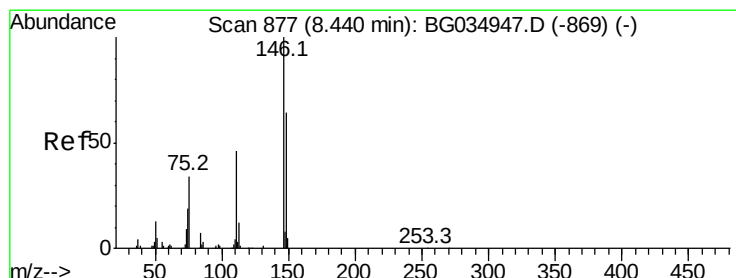
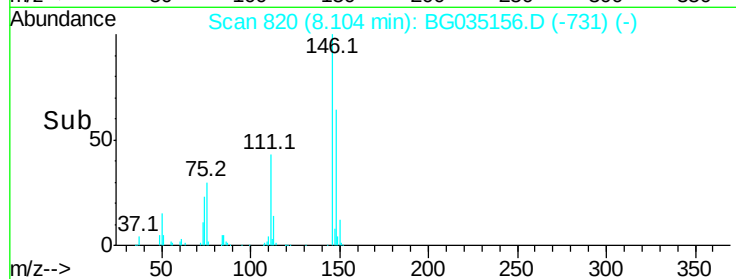
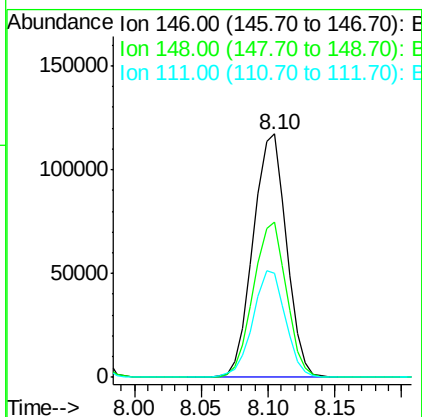
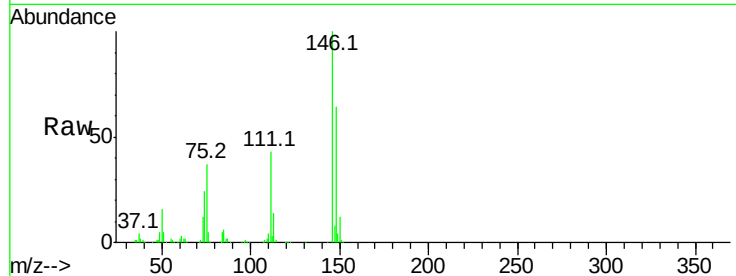




#13
 1,4-Dichlorobenzene
 Concen: 40.869 ng
 RT: 8.10 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG035156.D
 Acq: 15 Jun 2018 3:35

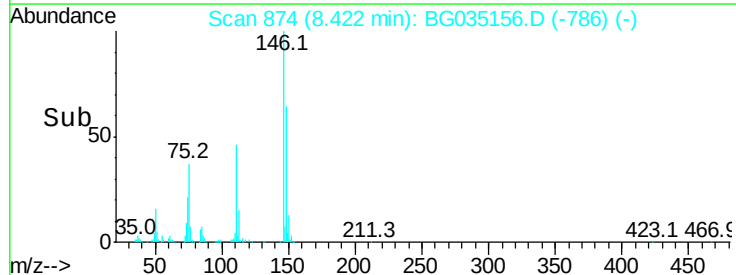
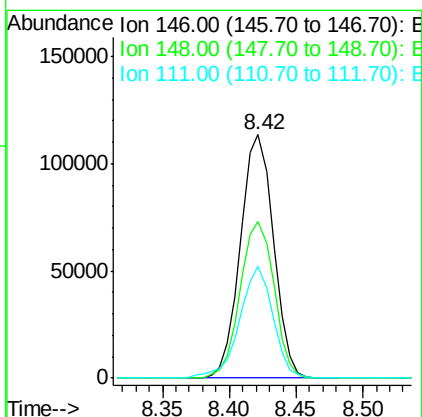
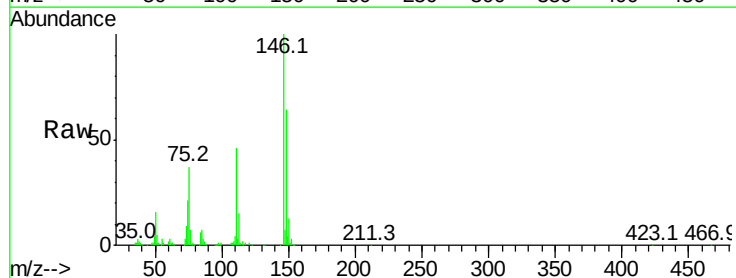
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

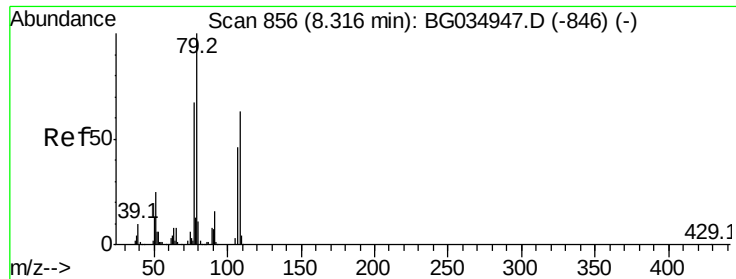
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.7	80.5
111	42.6	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 41.936 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BG035156.D
 Acq: 15 Jun 2018 3:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.3	73.9
111	46.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 42.079 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

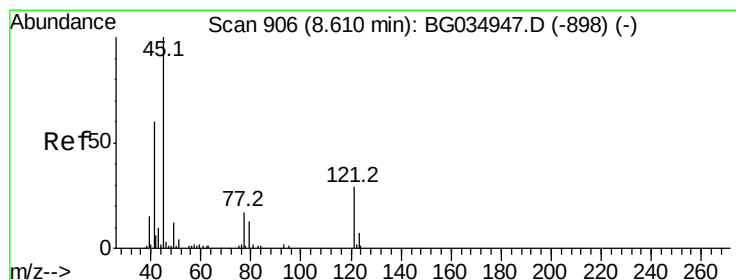
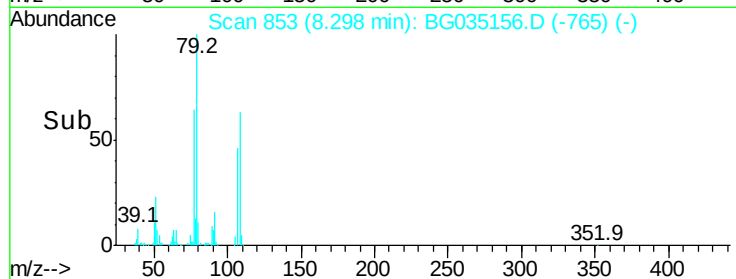
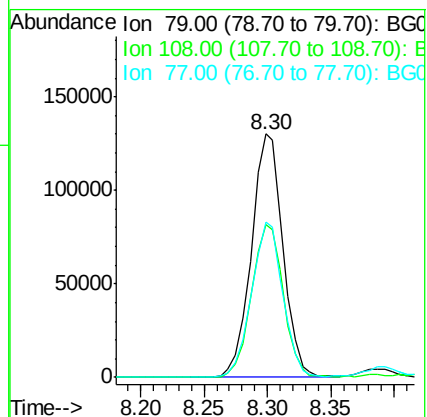
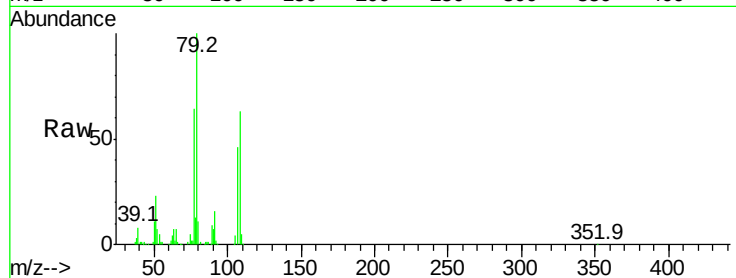
Tot Ion: 79 Resp: 225043

Ion Ratio Lower Upper

79 100

108 62.8 57.2 85.8

77 63.8 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.060 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

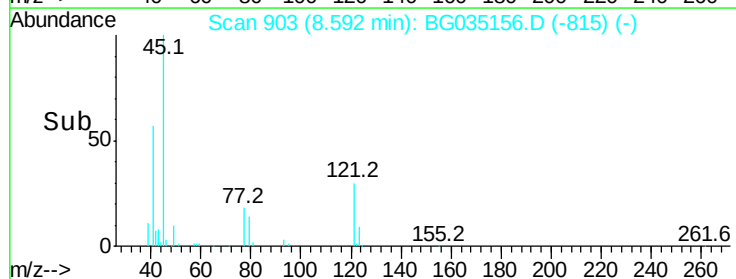
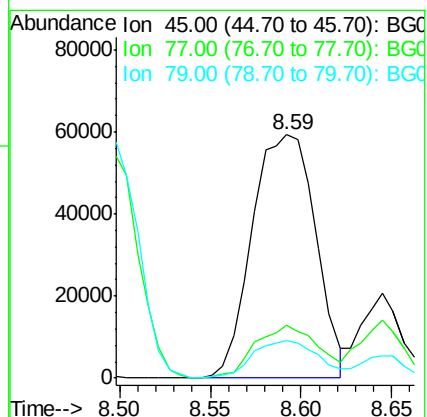
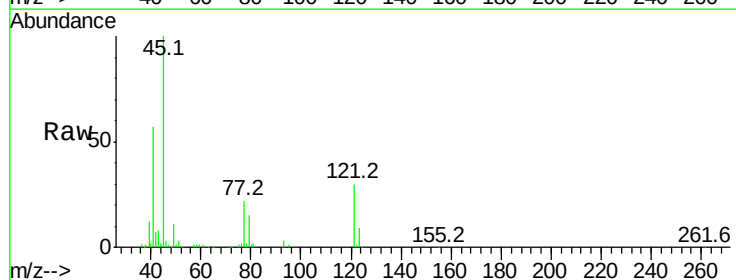
Tgt Ion: 45 Resp: 144665

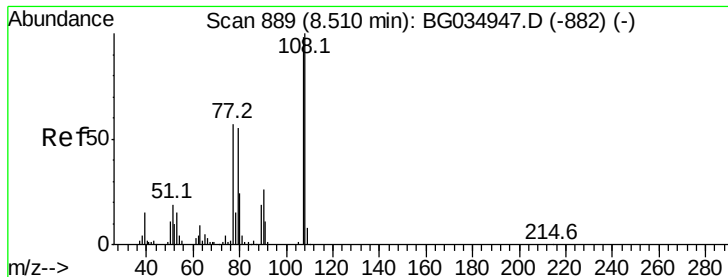
Ion Ratio Lower Upper

45 100

77 21.6 0.0 30.2

79 15.4 0.0 27.9





#17

2-Methylphenol

Concen: 44.209 ng

RT: 8.50 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 170249

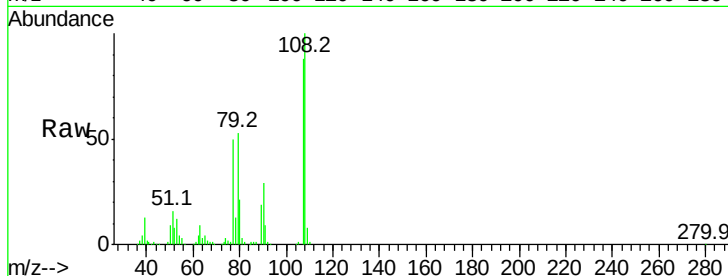
Ion Ratio Lower Upper

107 100

108 113.6 83.9 125.9

77 56.3 37.2 55.8#

79 59.9 36.2 54.2#

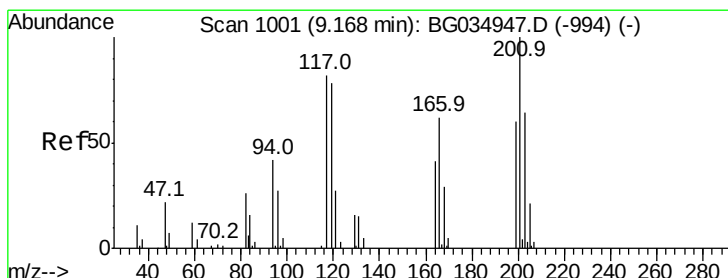
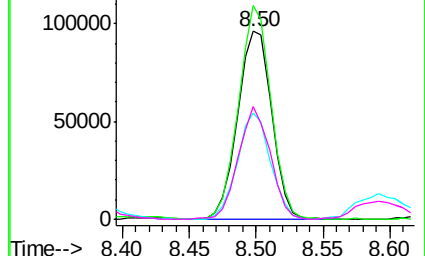
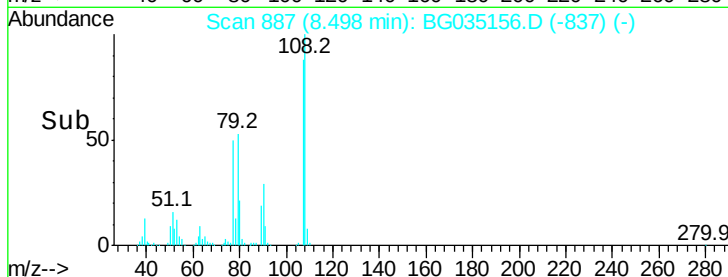


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.694 ng

RT: 9.15 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

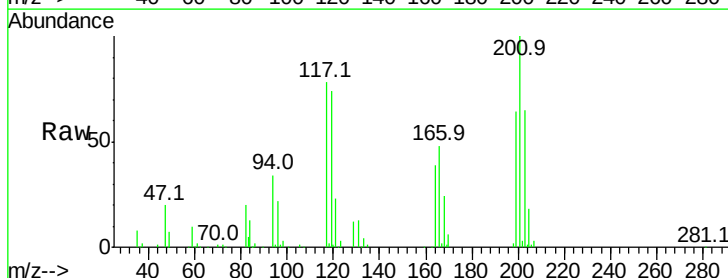
Tgt Ion:117 Resp: 73696

Ion Ratio Lower Upper

117 100

119 95.4 76.7 115.1

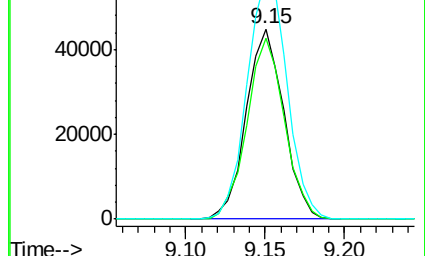
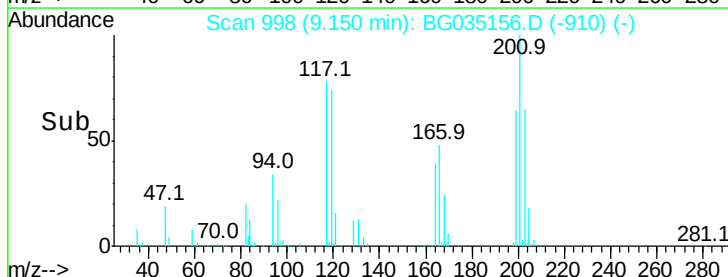
201 128.2 95.7 143.5

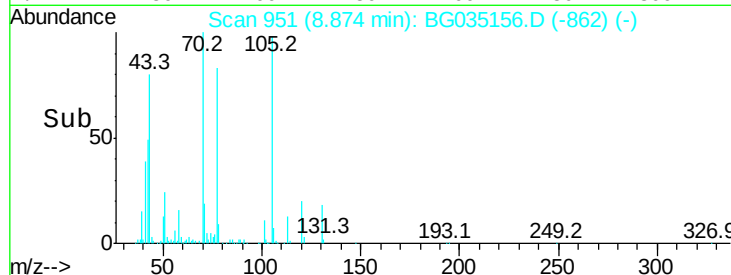
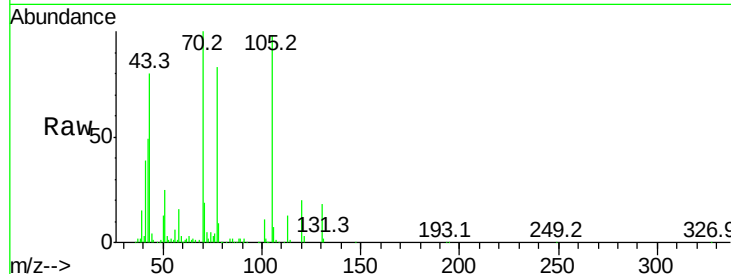
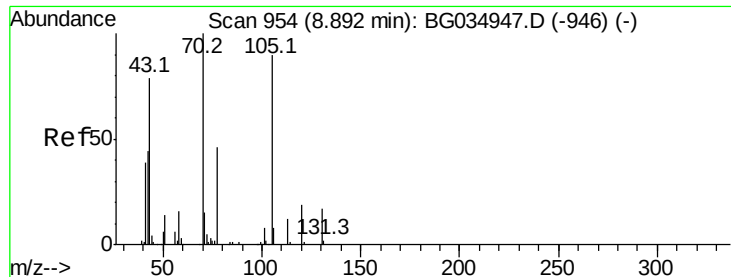


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

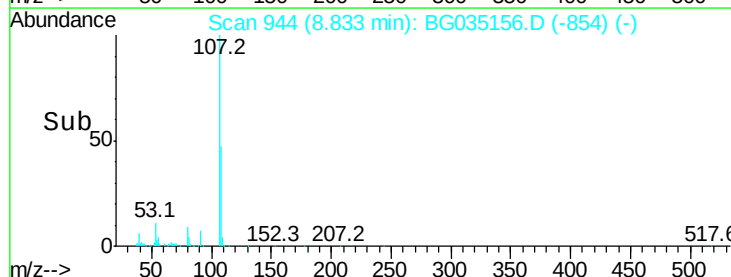
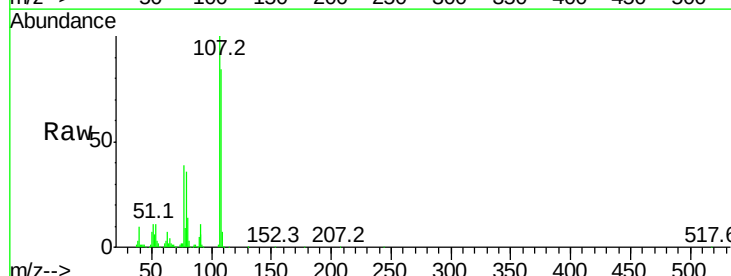
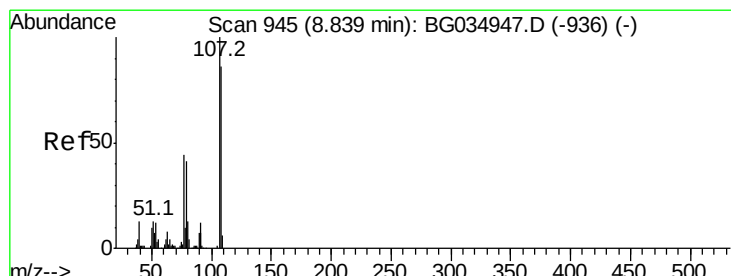
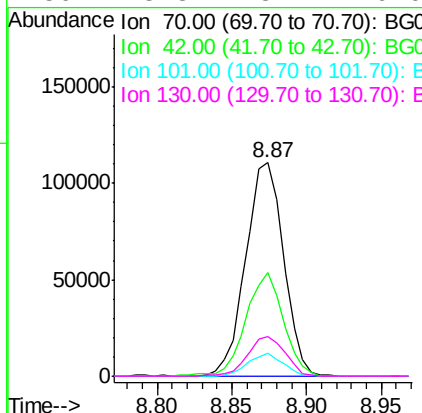




#19
n-Nitroso-di-n-propylamine
Concen: 40.350 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

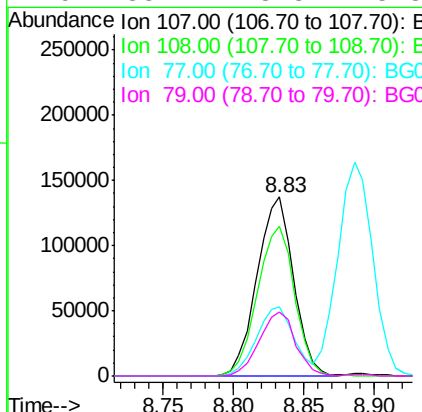
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

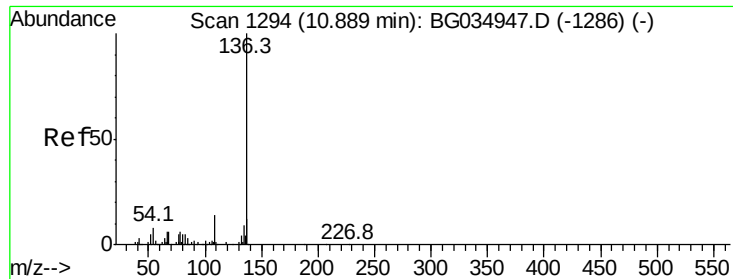
Tot Ion:	70	Resp:	193483
Ion	Ratio	Lower	Upper
70	100		
42	48.8	49.1	73.7#
101	11.0	8.5	12.7
130	18.3	13.4	20.0



#20
3+4-Methylphenols
Concen: 45.237 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Tgt Ion:	107	Resp:	249699
Ion	Ratio	Lower	Upper
107	100		
108	83.6	61.6	101.6
77	38.7	13.9	53.9
79	35.7	8.8	48.8

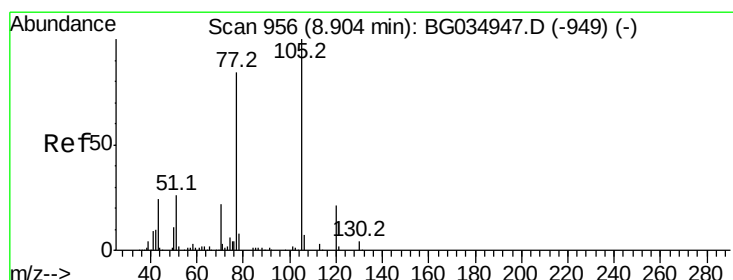
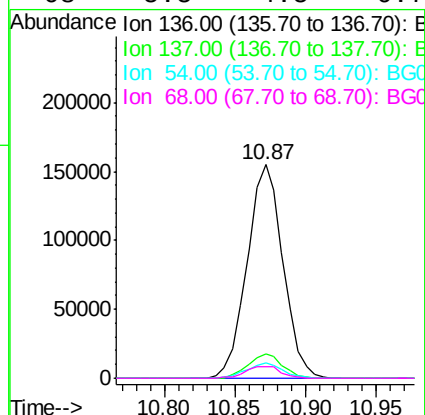
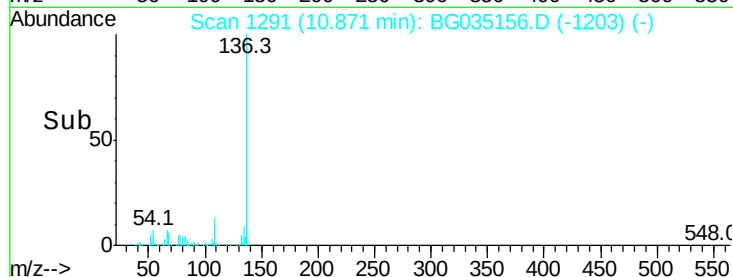
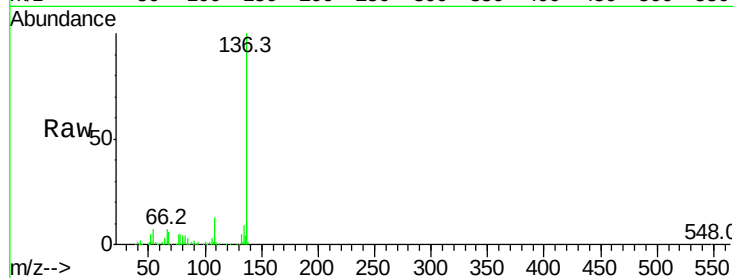




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

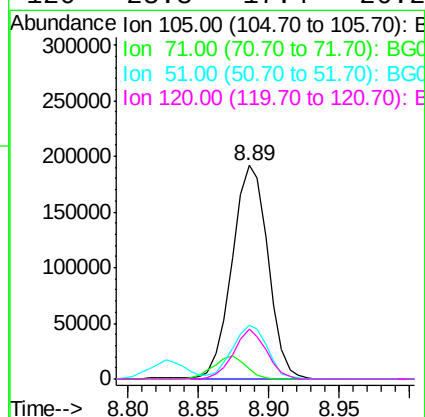
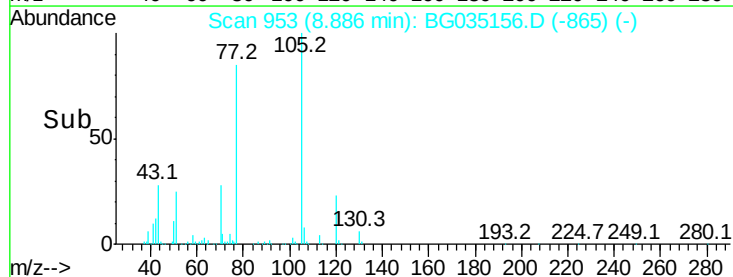
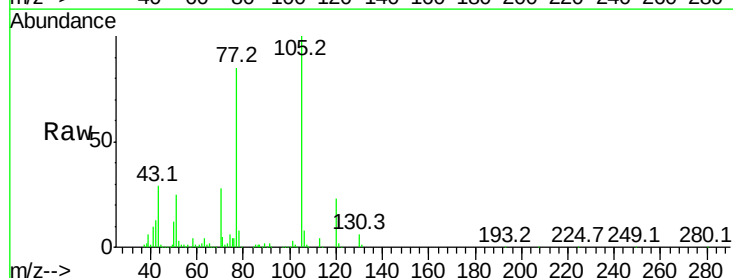
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

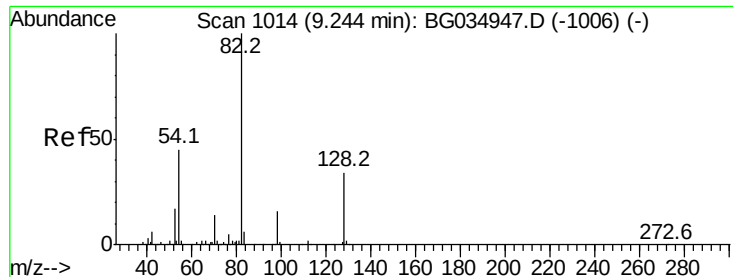
Tot Ion:136	Resp:	275093	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.2	13.8	
54 7.1	10.3	15.5#	
68 5.5	4.5	6.7	



#22
Acetophenone
Concen: 39.830 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Tgt	Ion:105	Resp:	339412
Ion	Ratio	Lower	Upper
105	100		
71	4.9	3.0	4.4#
51	25.0	26.1	39.1#
120	23.3	17.4	26.2





#23

Nitrobenzene-d5

Concen: 90.665 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

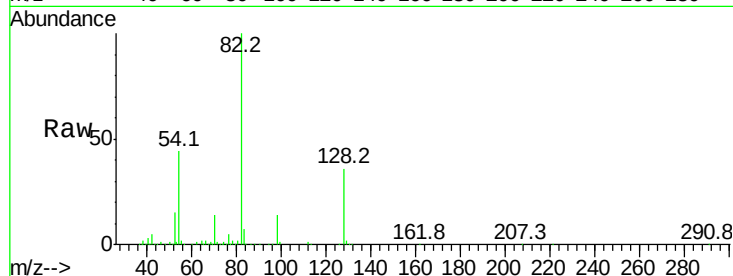
Tot Ion: 82 Resp: 524699

Ion Ratio Lower Upper

82 100

128 35.7 29.7 44.5

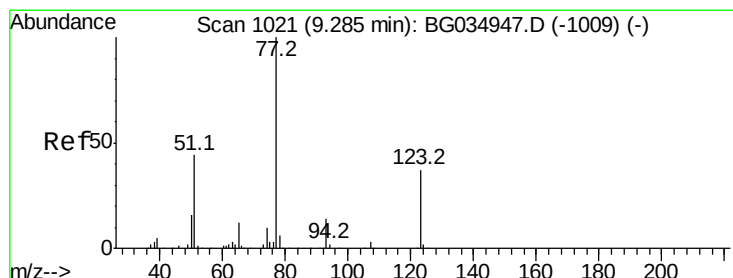
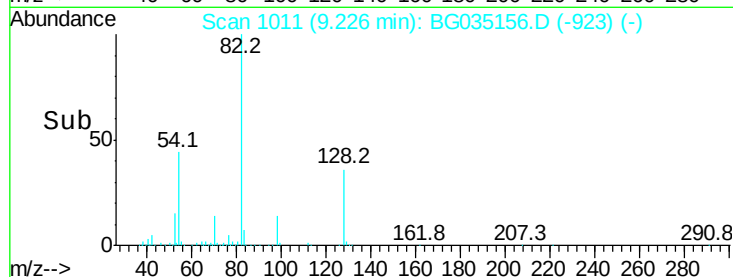
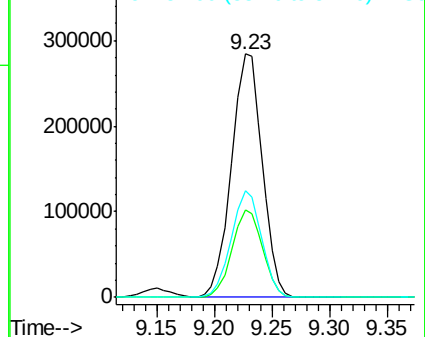
54 44.0 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 44.122 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

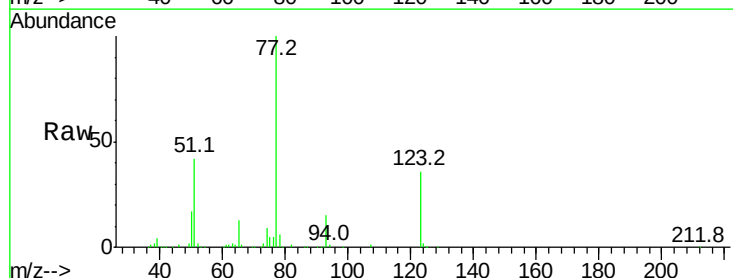
Tgt Ion: 77 Resp: 261477

Ion Ratio Lower Upper

77 100

123 36.5 33.0 49.6

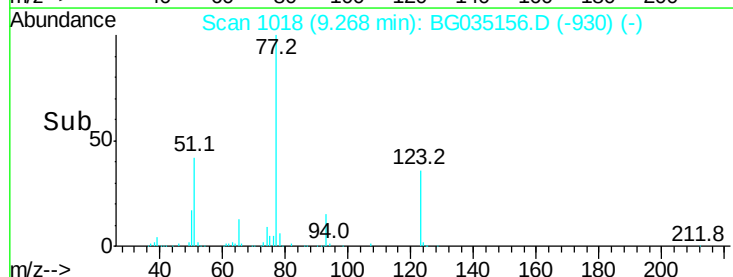
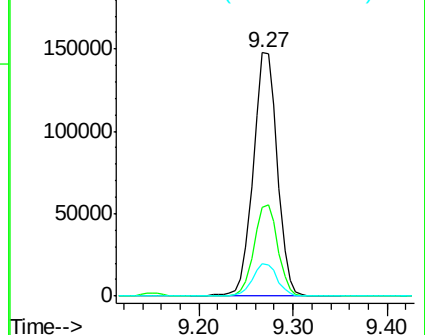
65 13.5 13.0 19.6

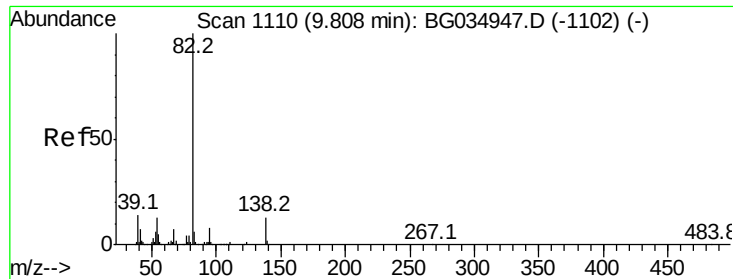


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 38.854 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

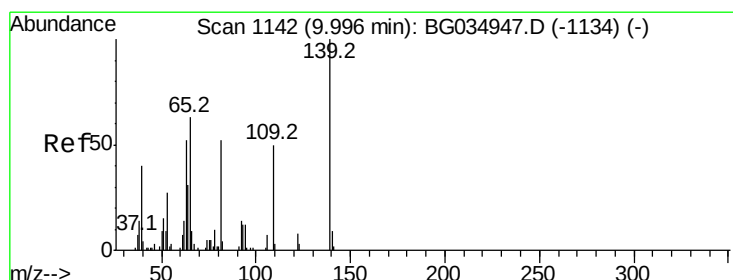
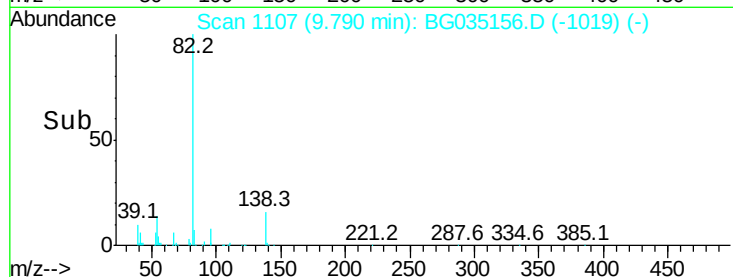
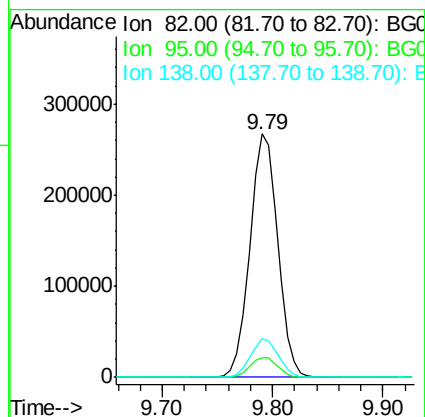
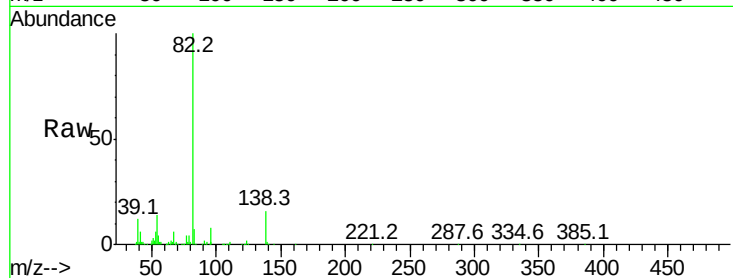
Tot Ion: 82 Resp: 474747

Ion Ratio Lower Upper

82 100

95 8.3 6.2 9.2

138 15.7 12.1 18.1



#26

2-Nitrophenol

Concen: 53.309 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

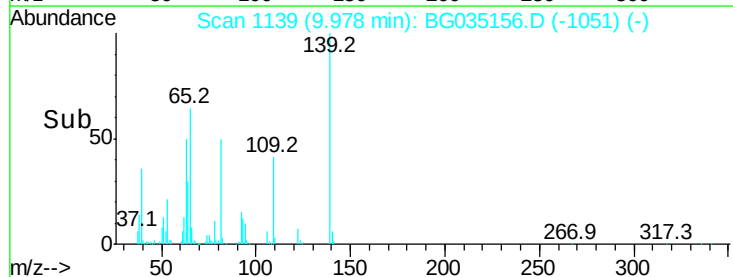
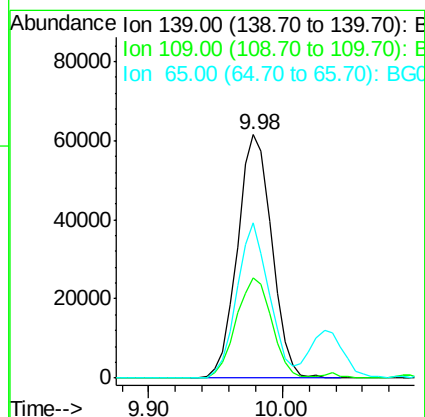
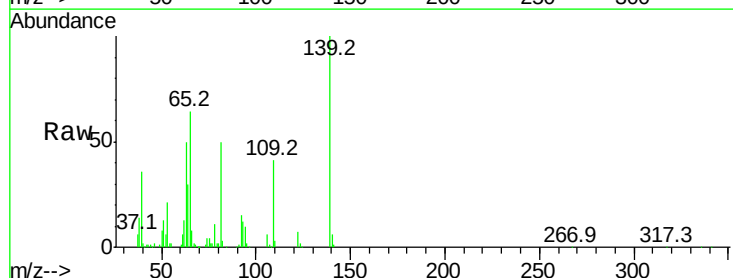
Tgt Ion: 139 Resp: 108896

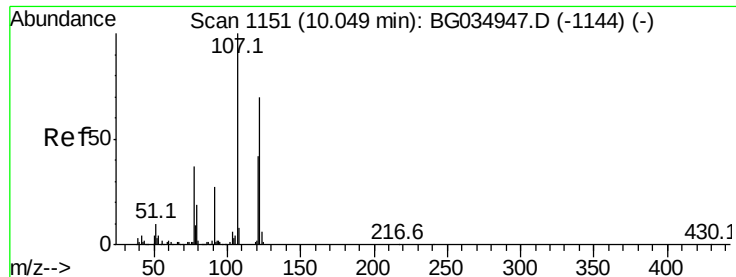
Ion Ratio Lower Upper

139 100

109 41.0 24.2 36.2#

65 63.9 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 40.093 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

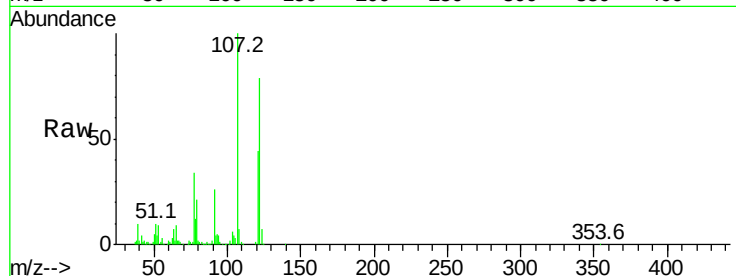
Tot Ion:122 Resp: 172145

Ion Ratio Lower Upper

122 100

107 125.8 100.2 150.2

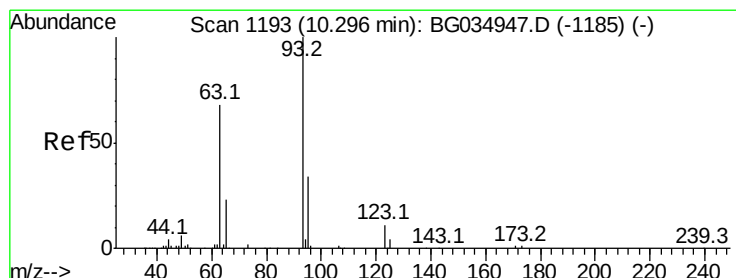
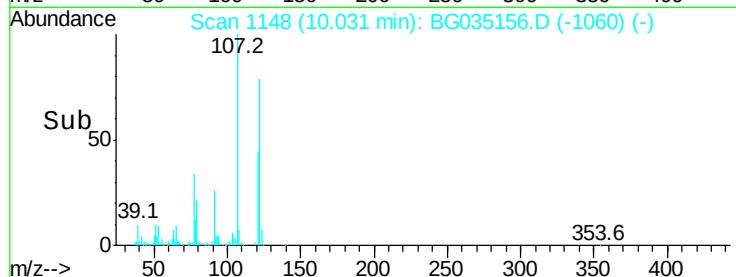
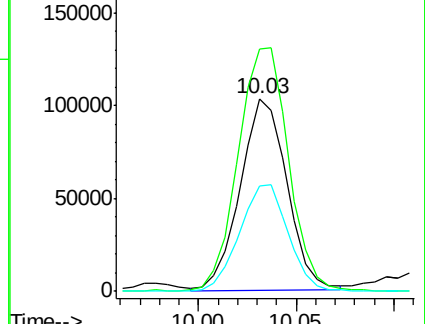
121 54.8 44.4 66.6



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: 40.769 ng

RT: 10.27 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

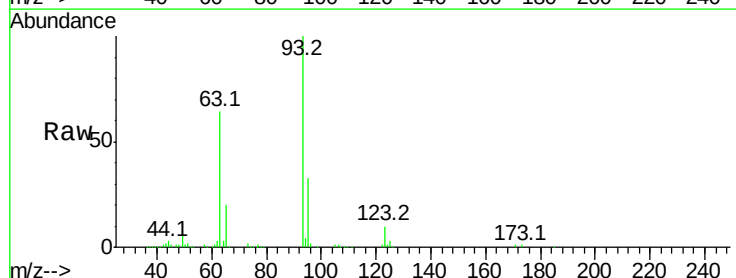
Tgt Ion: 93 Resp: 267695

Ion Ratio Lower Upper

93 100

95 32.6 24.3 36.5

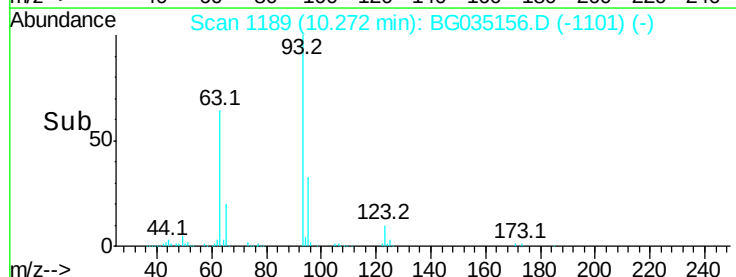
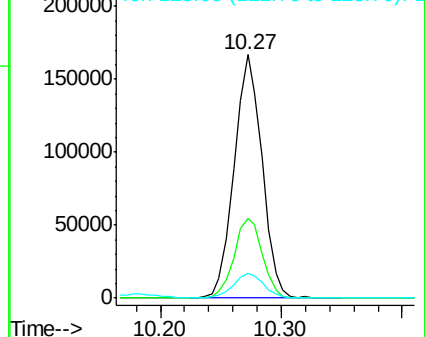
123 10.3 8.4 12.6

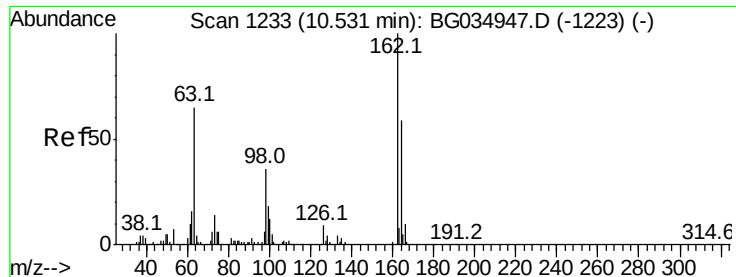


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

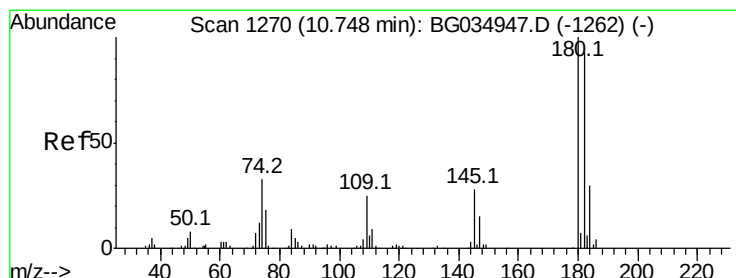
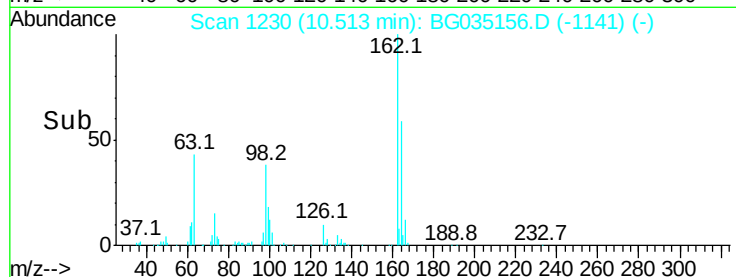
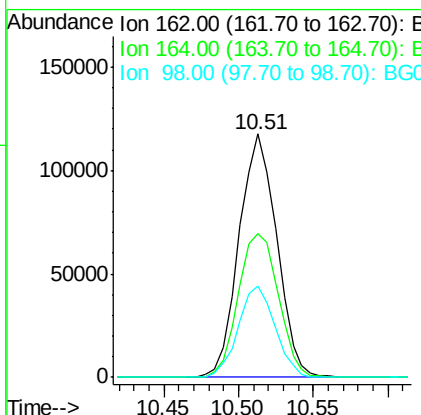
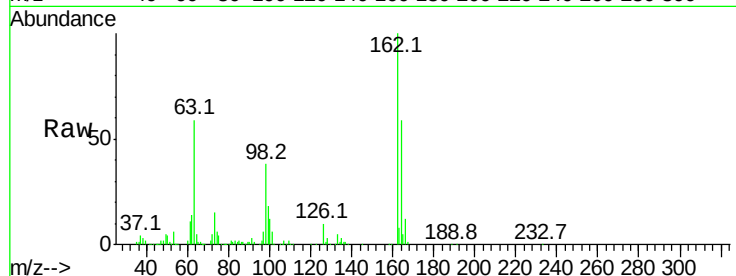




#29
 2,4-Dichlorophenol
 Concen: 43.987 ng
 RT: 10.51 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BG035156.D
 Acq: 15 Jun 2018 3:35

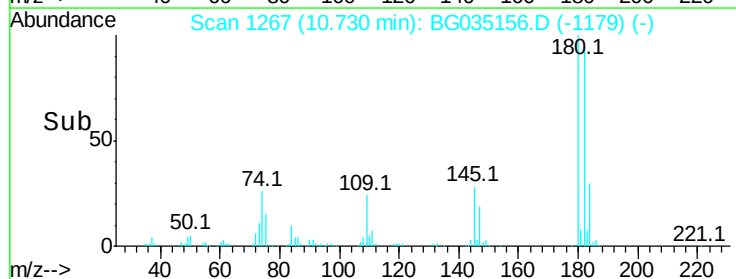
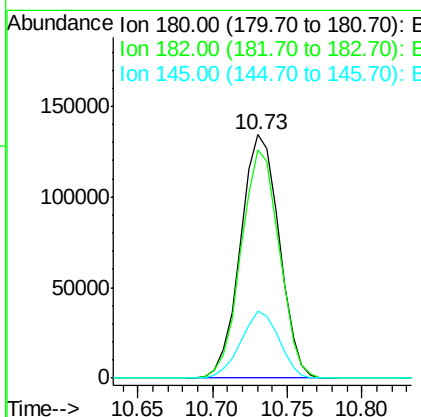
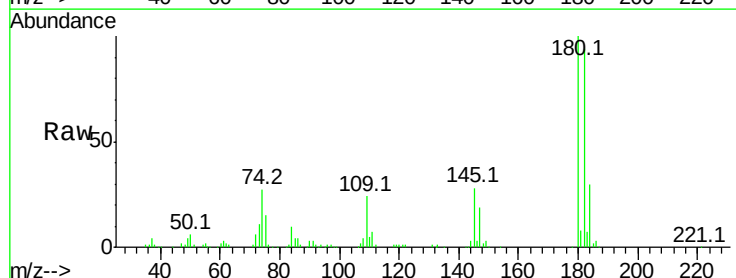
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

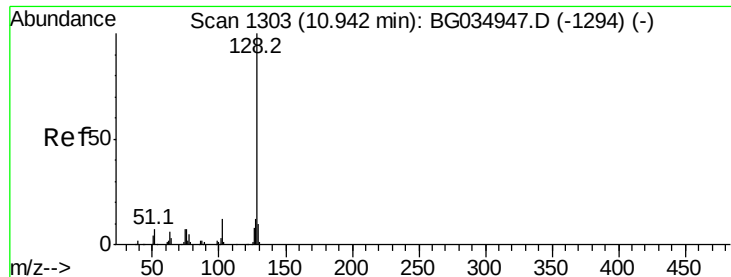
Tot Ion	Ratio	Lower	Upper
162	100		
164	59.3	48.0	88.0
98	37.5	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.844 ng
 RT: 10.73 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG035156.D
 Acq: 15 Jun 2018 3:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.5	116.3
145	27.5	23.4	35.2

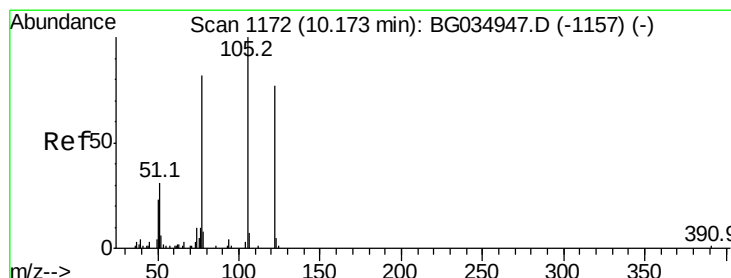
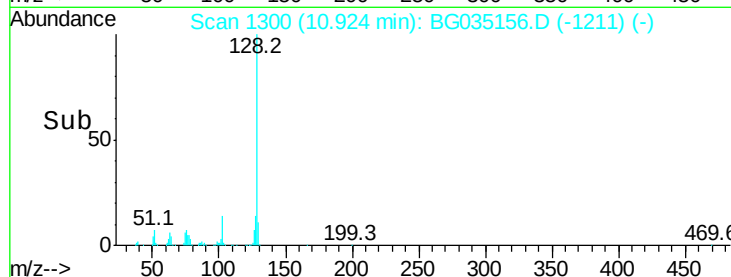
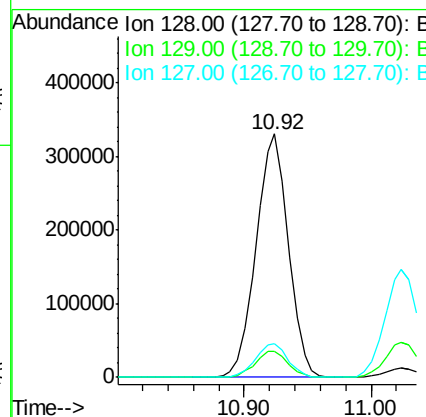
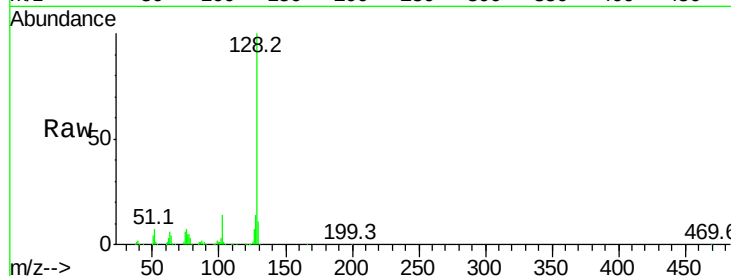




#31
Naphthalene
Concen: 40.895 ng
RT: 10.92 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

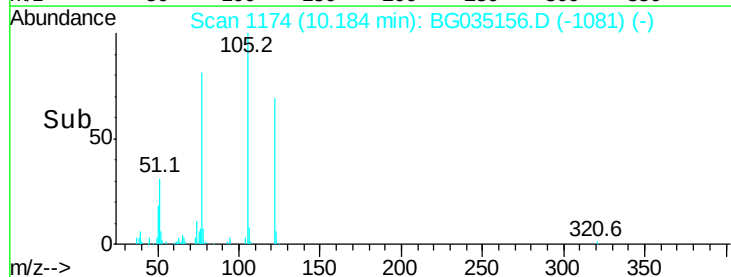
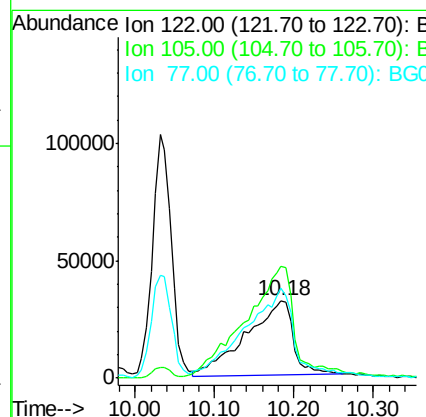
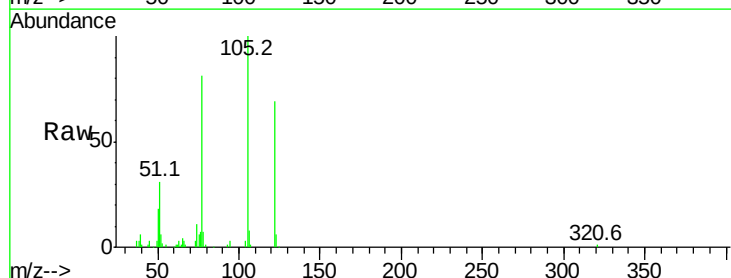
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

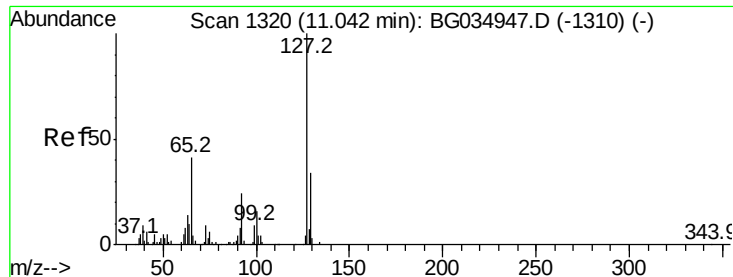
Tot Ion:128 Resp: 584426
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.8 11.6 17.4



#32
Benzoic acid
Concen: 46.391 ng
RT: 10.18 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Tgt Ion:122 Resp: 133417
Ion Ratio Lower Upper
122 100
105 144.1 123.5 163.5
77 116.2 85.7 125.7

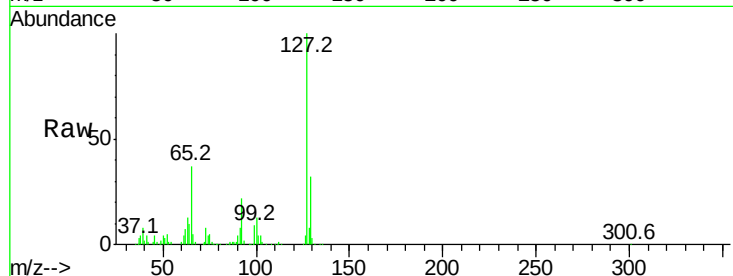




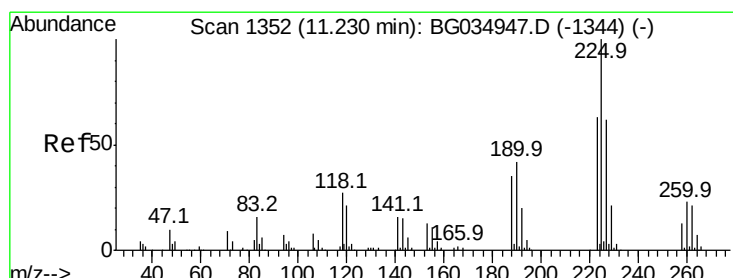
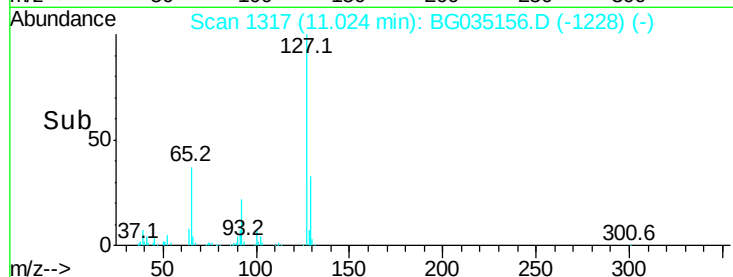
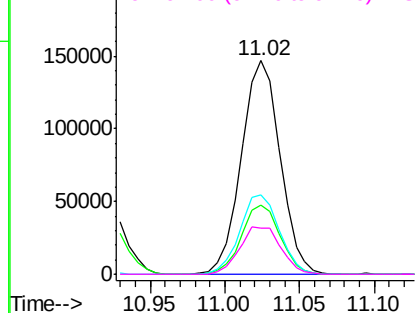
#33
4-Chloroaniline
Concen: 42.556 ng
RT: 11.02 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	264066
Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.0	36.0
65	37.4	27.0	40.4
92	21.7	16.6	25.0

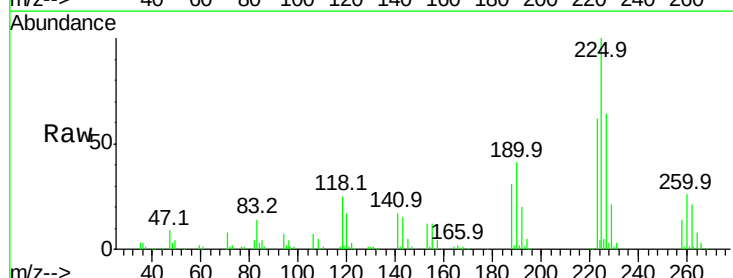


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

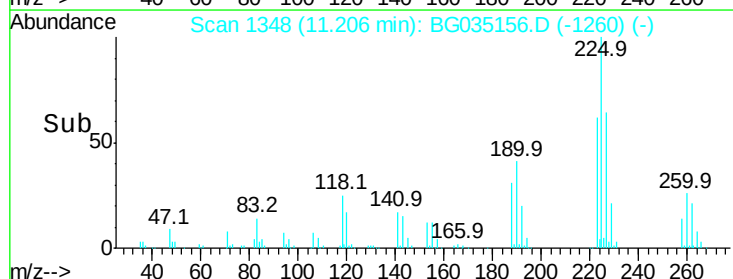
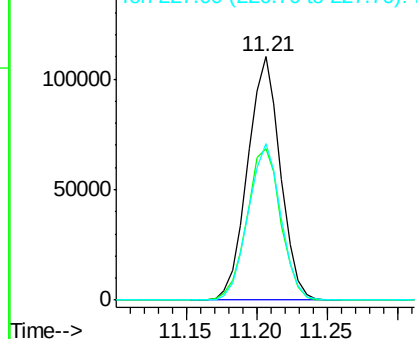


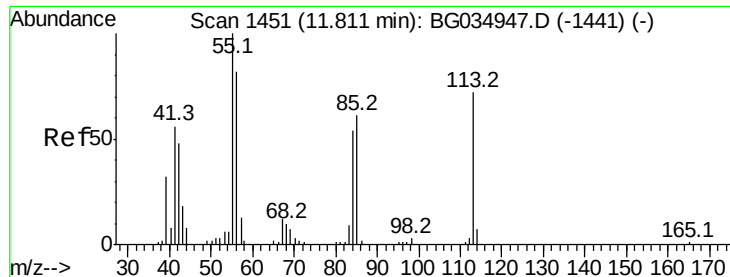
#34
Hexachlorobutadiene
Concen: 40.974 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Tgt Ion:	225	Resp:	178516
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	64.2	48.1	72.1



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: 44.646 ng

RT: 11.82 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

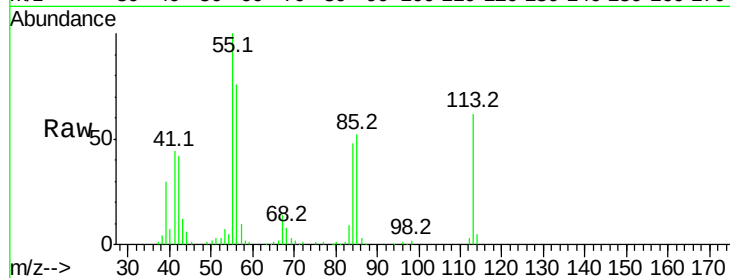
Tot Ion:113 Resp: 77086

Ion Ratio Lower Upper

113 100

55 162.1 186.9 226.9#

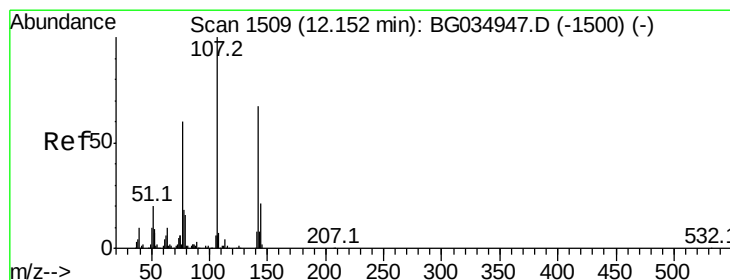
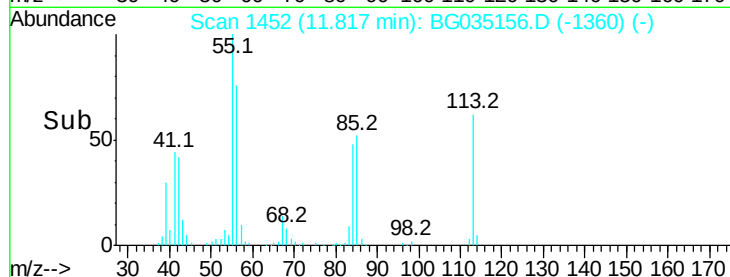
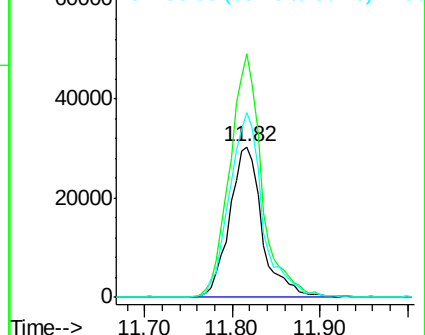
56 122.8 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG034947.D (-1441) (-)

Ion 56.00 (55.70 to 56.70): BG034947.D (-1441) (-)



#36

4-Chloro-3-methylphenol

Concen: 44.463 ng

RT: 12.14 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

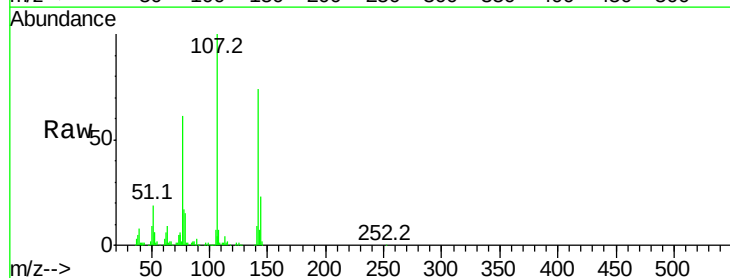
Tgt Ion:107 Resp: 258945

Ion Ratio Lower Upper

107 100

144 22.7 18.2 27.4

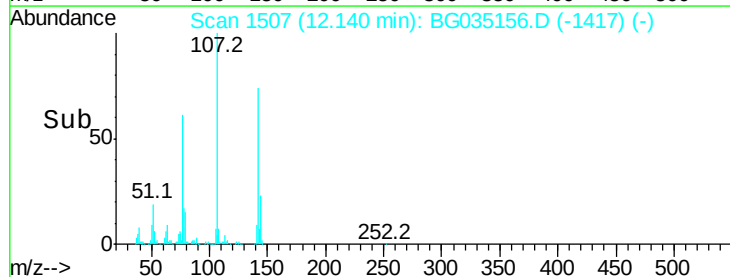
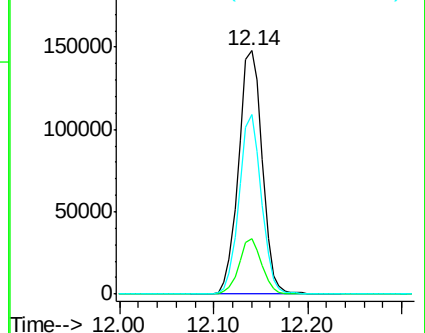
142 73.7 59.0 88.4

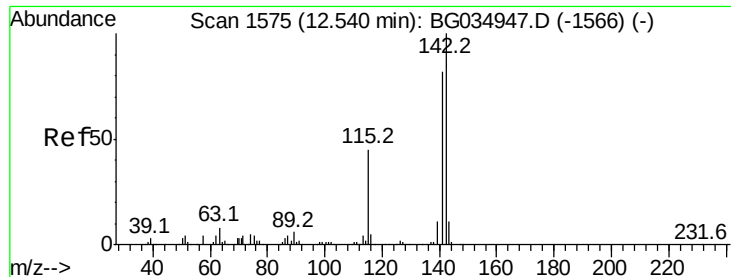


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

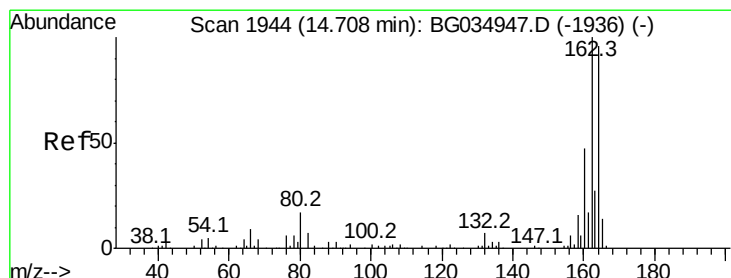
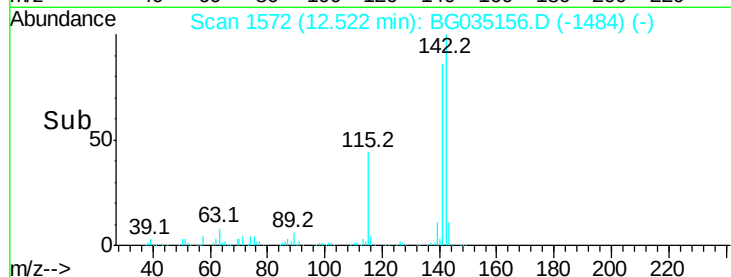
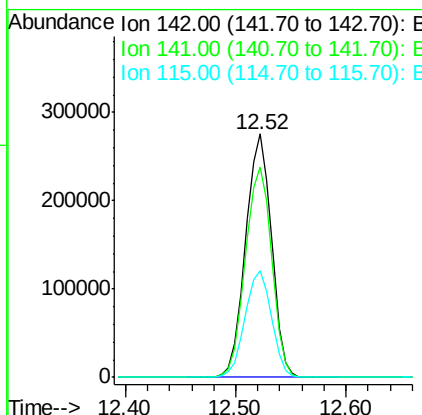
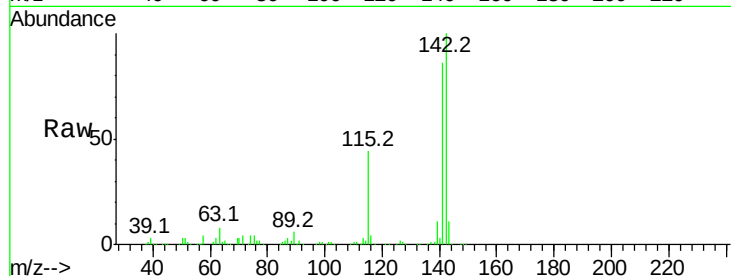




#37
2-Methylnaphthalene
Concen: 42.039 ng
RT: 12.52 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

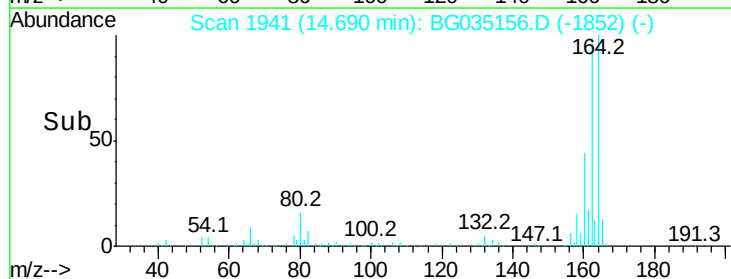
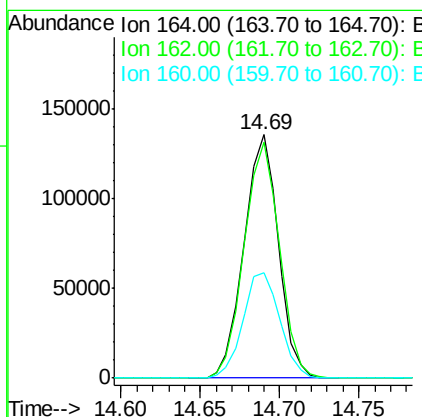
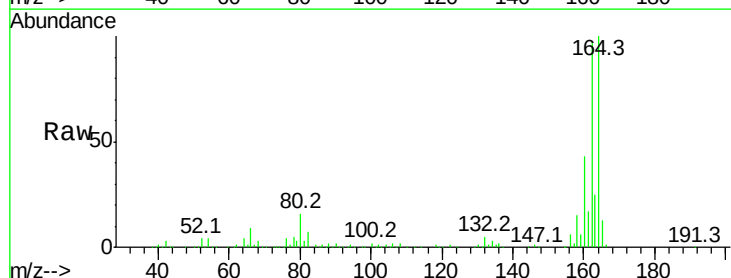
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

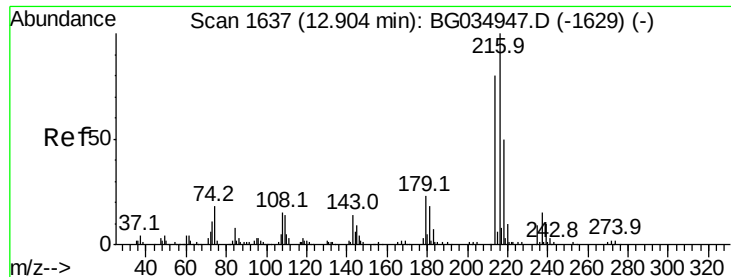
Tot Ion:142 Resp: 455475
Ion Ratio Lower Upper
142 100
141 86.3 67.1 100.7
115 43.6 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Tgt Ion:164 Resp: 203767
Ion Ratio Lower Upper
164 100
162 97.0 78.8 118.2
160 43.2 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.296 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 313430

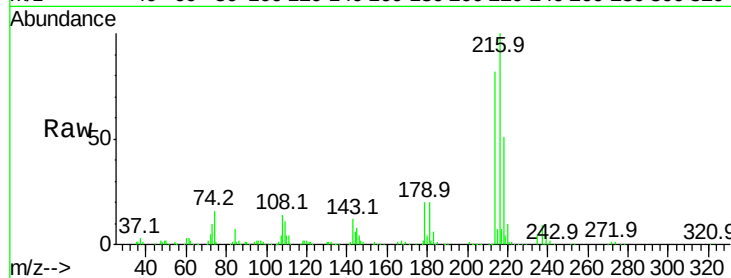
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 19.5 17.0 25.6

108 15.3 12.8 19.2

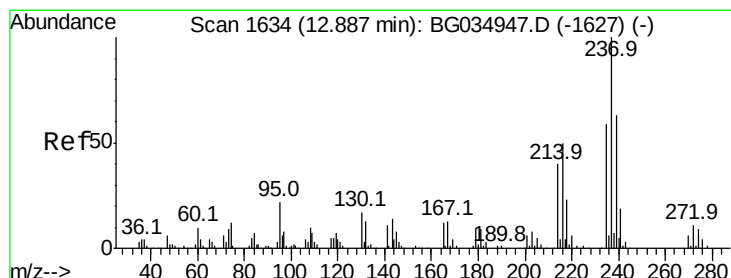
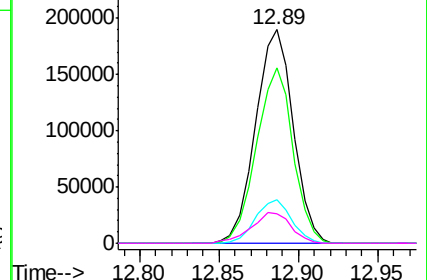
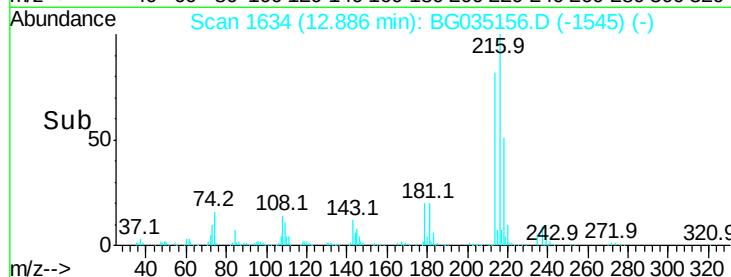


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.562 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

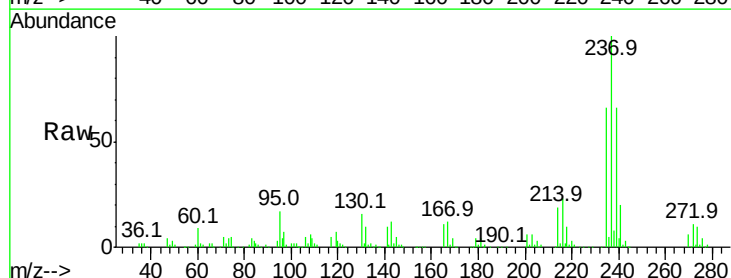
Tgt Ion:237 Resp: 178780

Ion Ratio Lower Upper

237 100

235 65.6 50.4 90.4

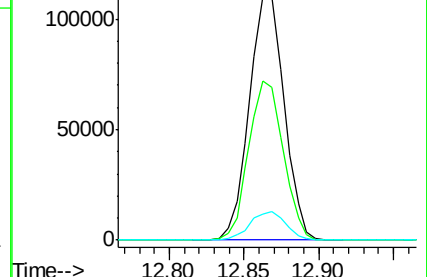
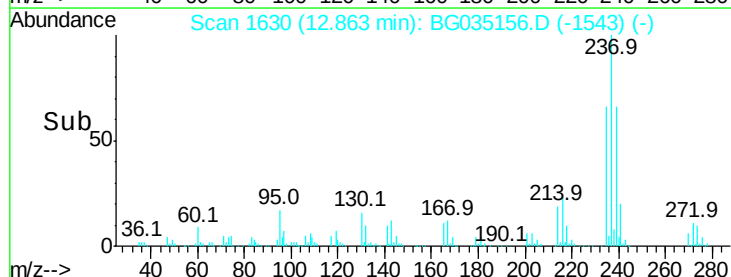
272 10.7 0.0 31.8

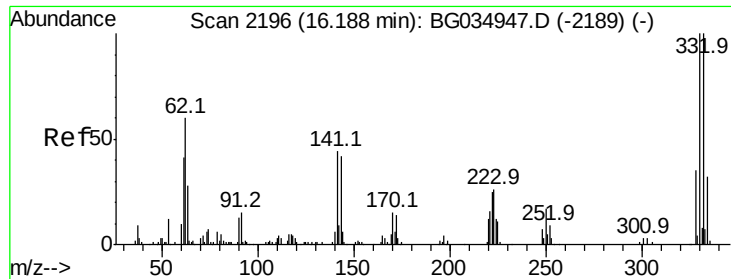


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

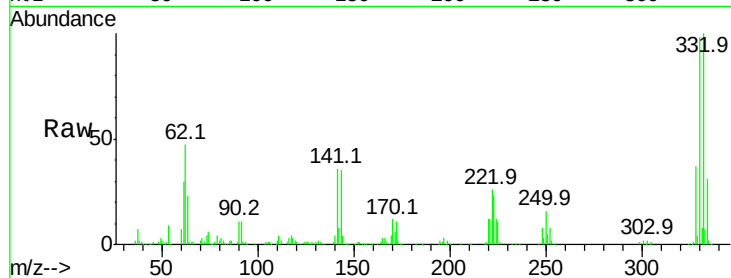




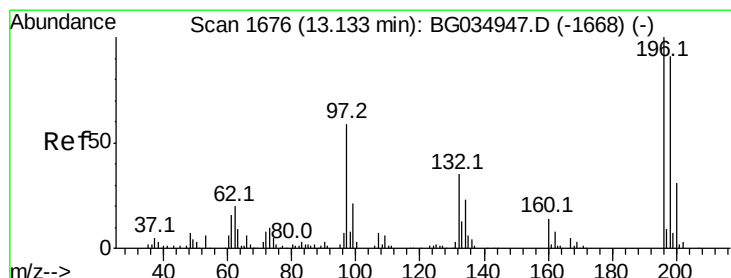
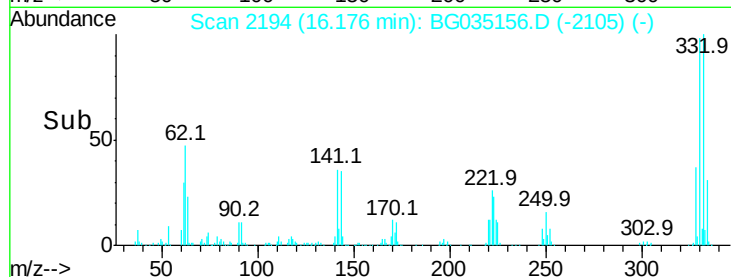
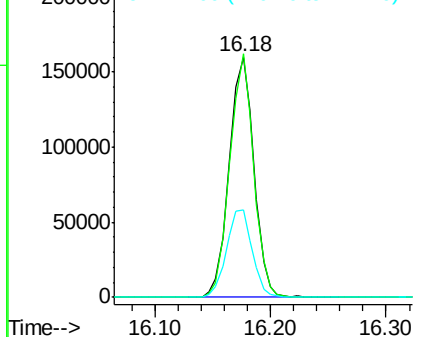
#41
 2,4,6-Tribromophenol
 Concen: 90.909 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG035156.D
 Acq: 15 Jun 2018 3:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	37.9	25.2	37.8#

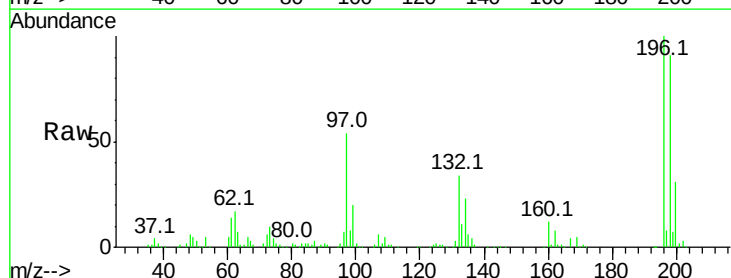


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

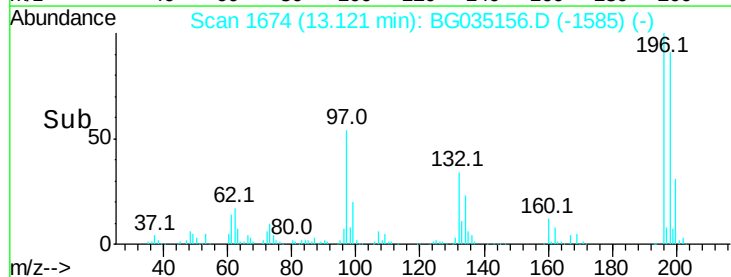
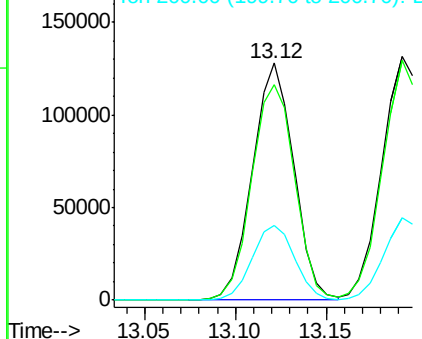


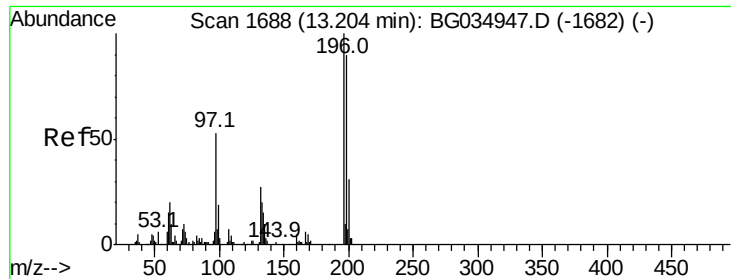
#42
 2,4,6-Trichlorophenol
 Concen: 44.539 ng
 RT: 13.12 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BG035156.D
 Acq: 15 Jun 2018 3:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.0	78.2	117.2
200	31.3	24.6	36.8



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

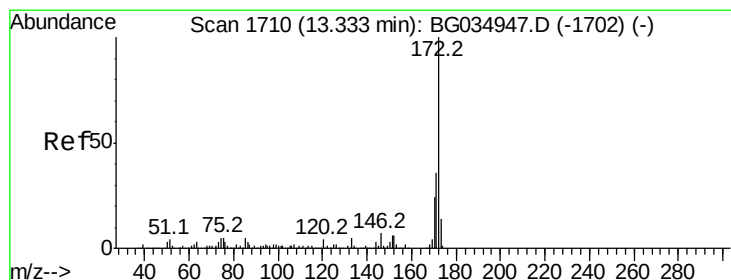
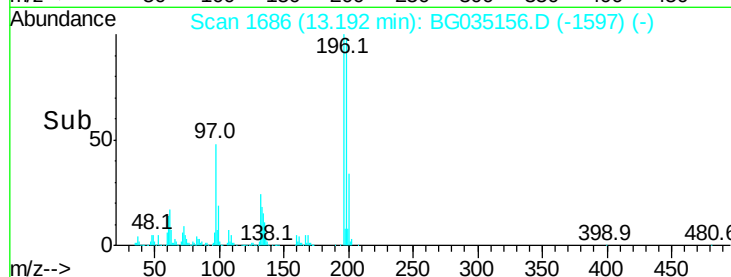
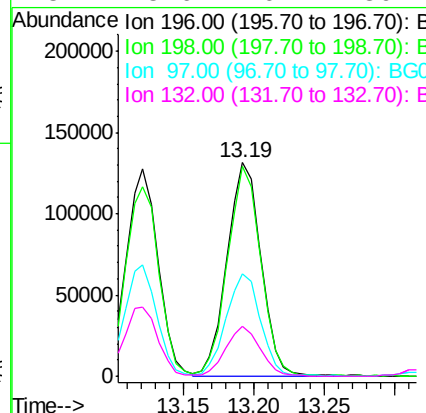
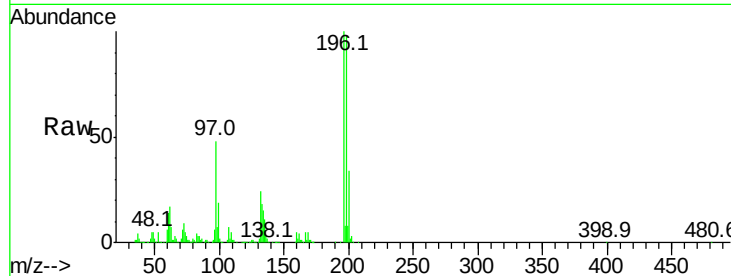




#43
 2,4,5-Trichlorophenol
 Concen: 43.835 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG035156.D
 Acq: 15 Jun 2018 3:35

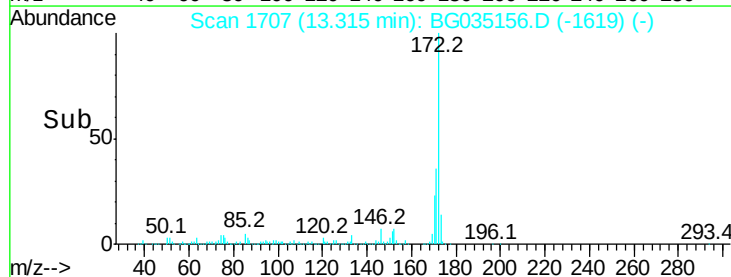
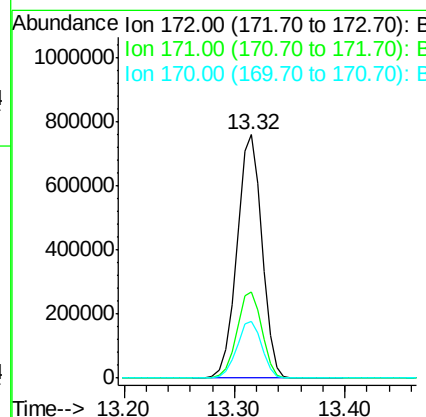
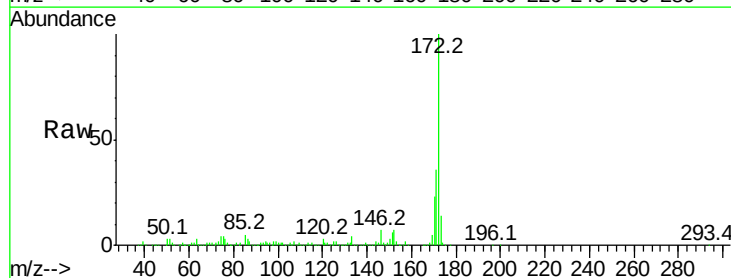
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

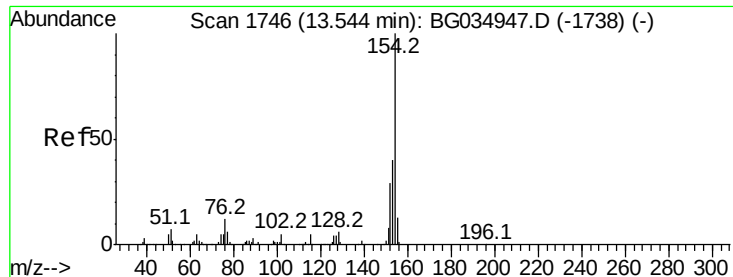
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.4	76.2	114.4
97	48.2	38.7	58.1
132	23.6	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 76.551 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG035156.D
 Acq: 15 Jun 2018 3:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	23.4	19.5	29.3





#45

1,1'-Biphenyl

Concen: 39.094 ng

RT: 13.53 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

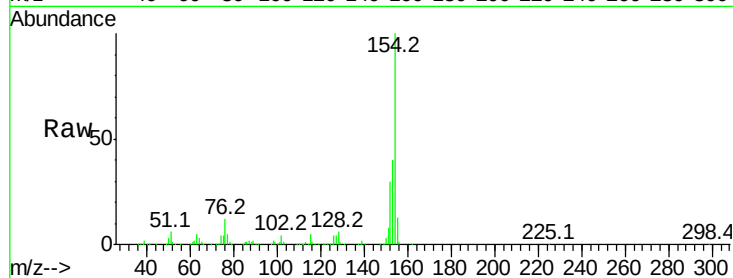
Tot Ion:154 Resp: 640549

Ion Ratio Lower Upper

154 100

153 40.4 19.8 59.8

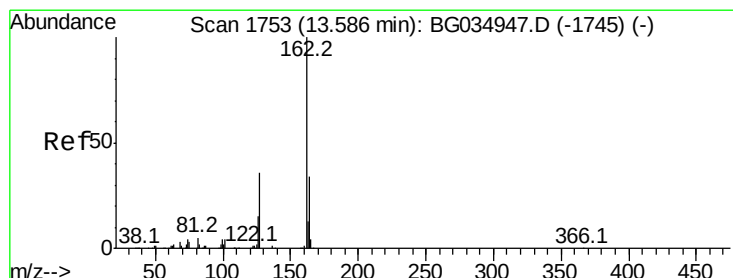
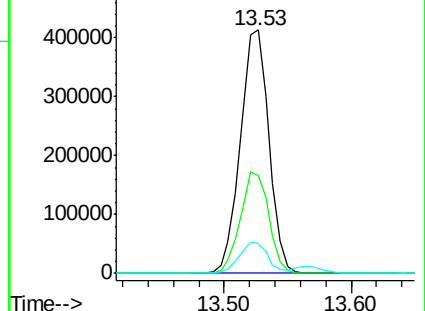
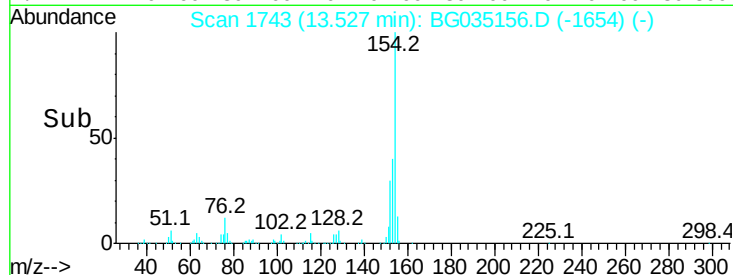
76 12.1 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 39.915 ng

RT: 13.57 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

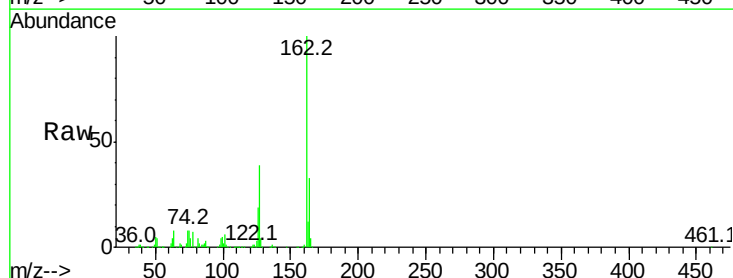
Tgt Ion:162 Resp: 494463

Ion Ratio Lower Upper

162 100

127 39.2 30.7 46.1

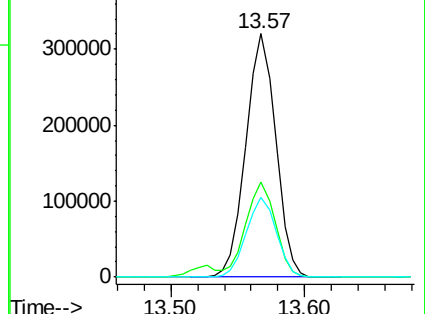
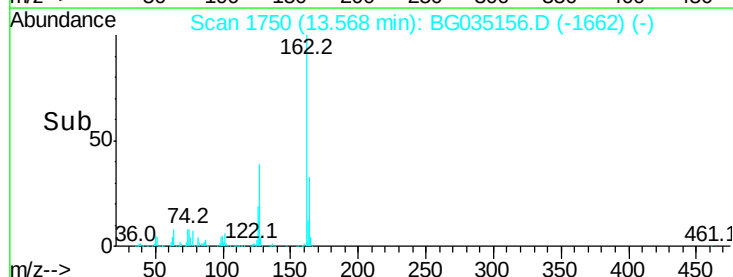
164 33.0 26.0 39.0

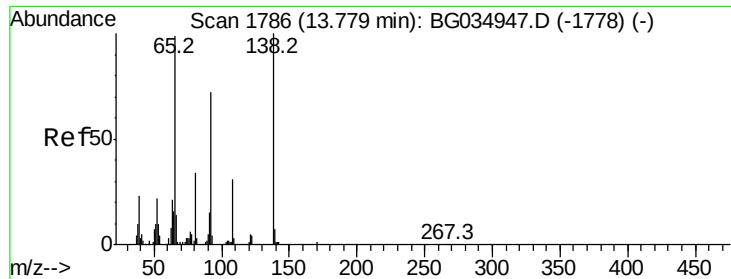


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.528 ng

RT: 13.77 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

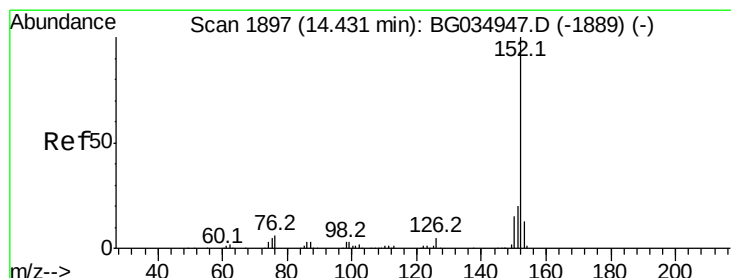
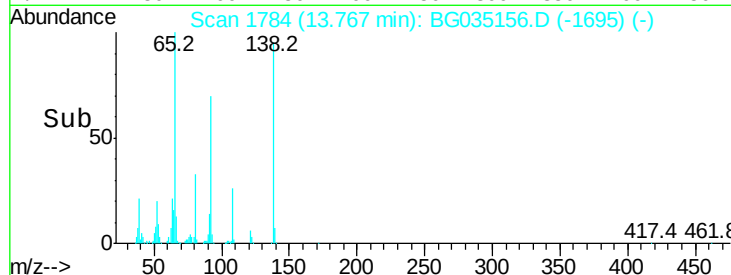
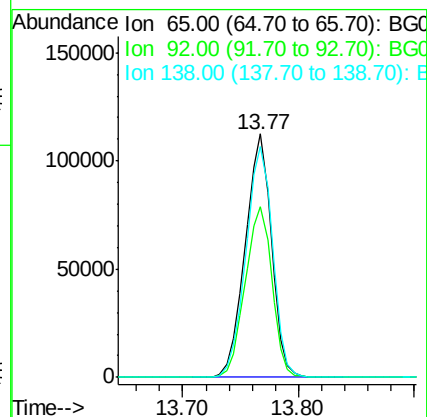
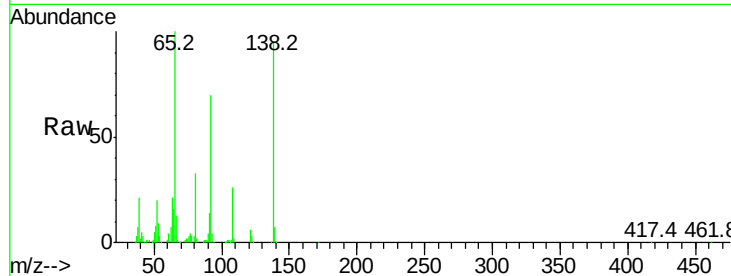
Tot Ion: 65 Resp: 177521

Ion Ratio Lower Upper

65 100

92 70.1 54.6 82.0

138 95.0 72.9 109.3



#48

Acenaphthylene

Concen: 39.509 ng

RT: 14.41 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

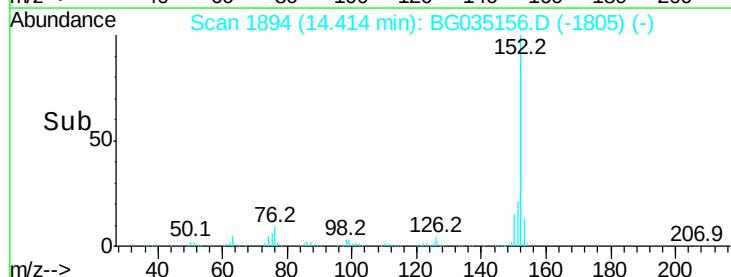
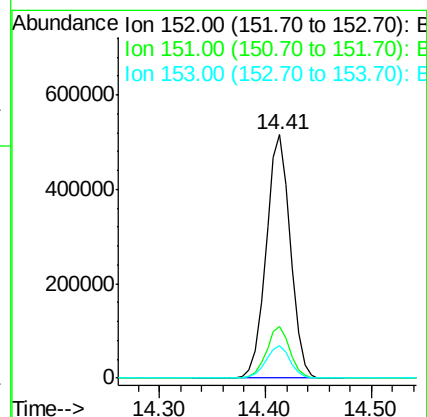
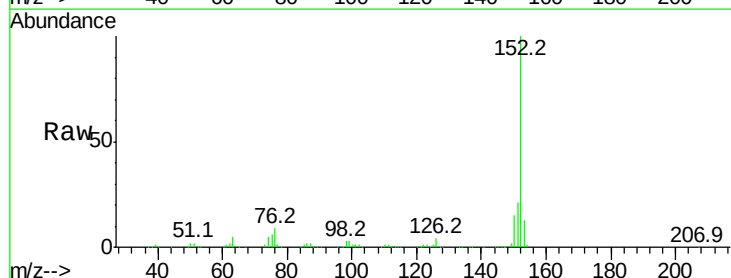
Tgt Ion: 152 Resp: 820676

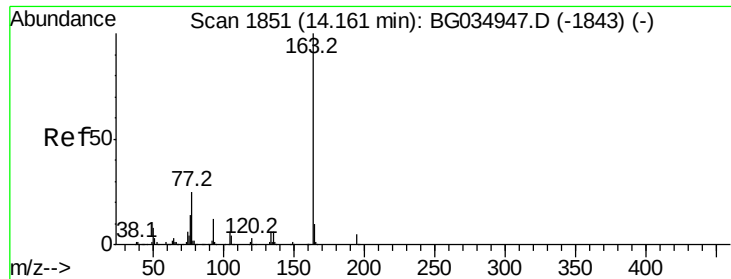
Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 39.394 ng

RT: 14.14 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

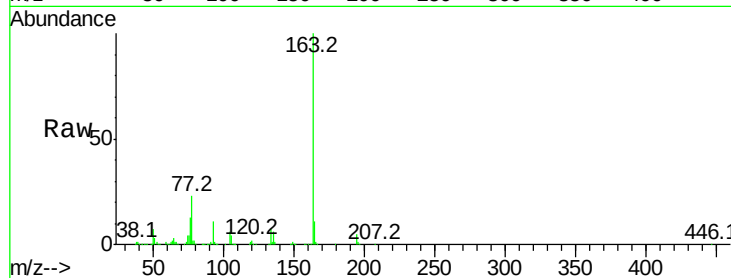
Tot Ion:163 Resp: 699988

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

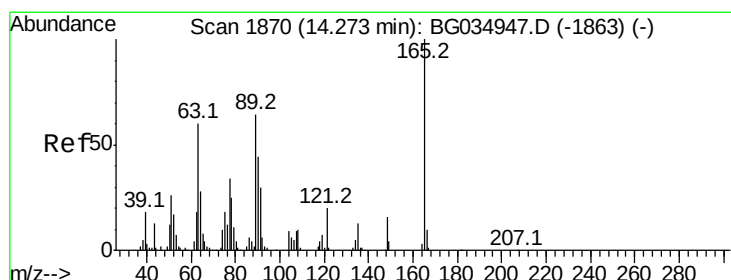
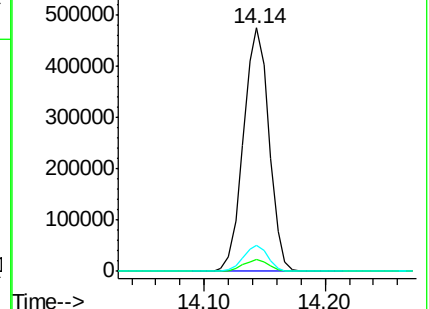
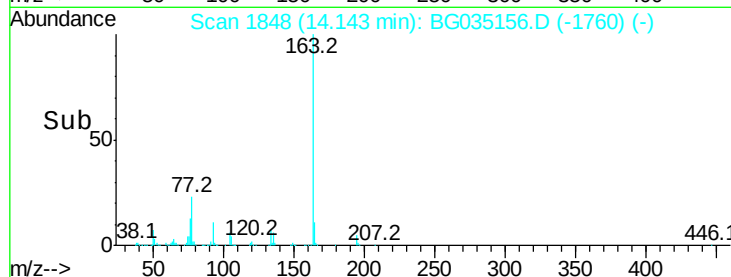
164 10.8 8.2 12.4



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: 47.843 ng

RT: 14.26 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

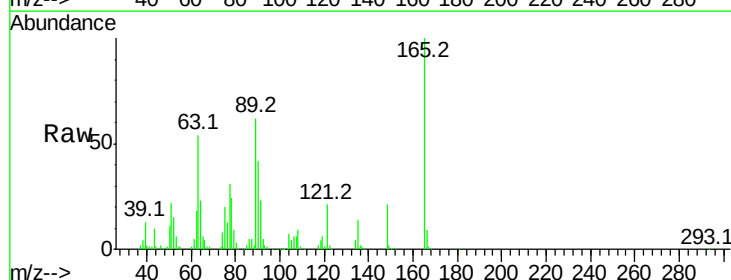
Tgt Ion:165 Resp: 155093

Ion Ratio Lower Upper

165 100

63 54.5 52.7 79.1

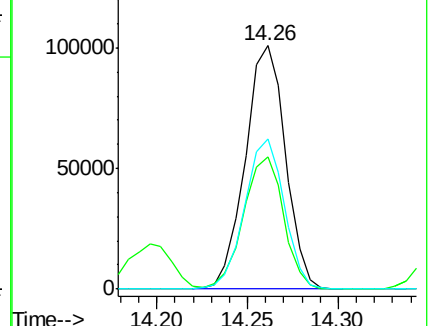
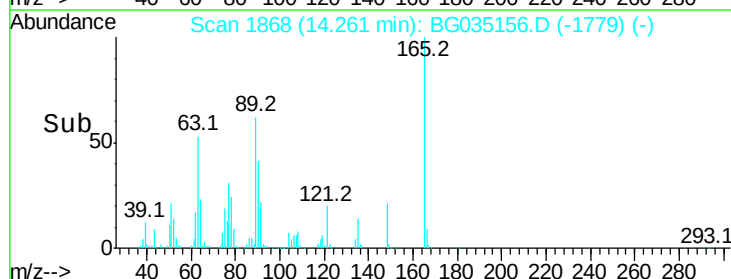
89 61.8 49.2 73.8

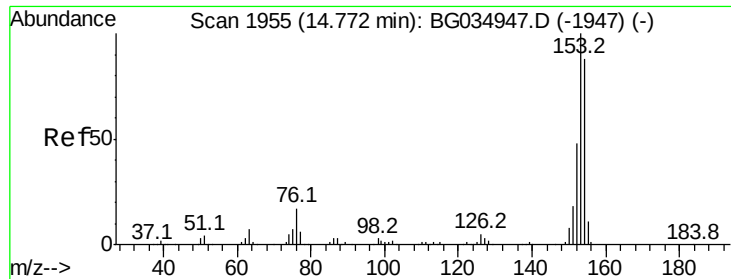


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.600 ng

RT: 14.75 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

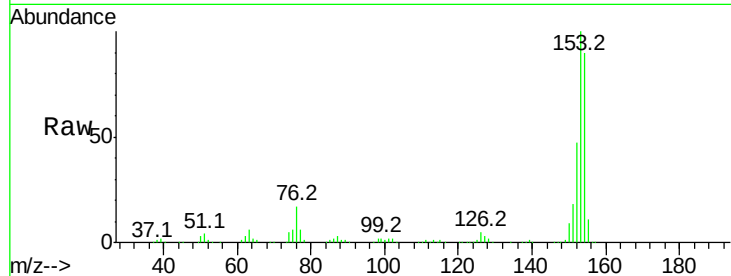
Tot Ion:154 Resp: 551024

Ion Ratio Lower Upper

154 100

153 111.4 90.4 135.6

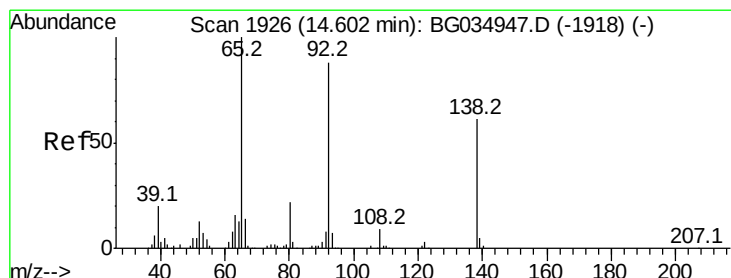
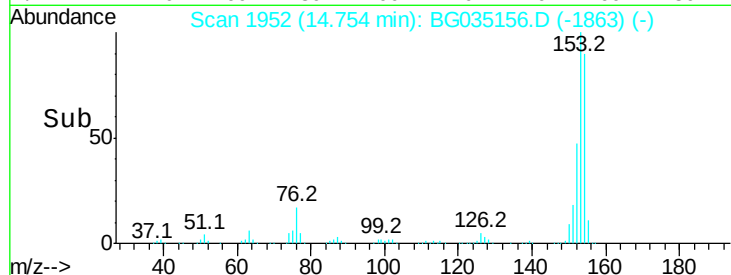
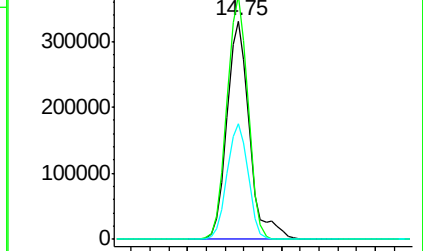
152 52.6 41.6 62.4



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: 48.874 ng

RT: 14.59 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

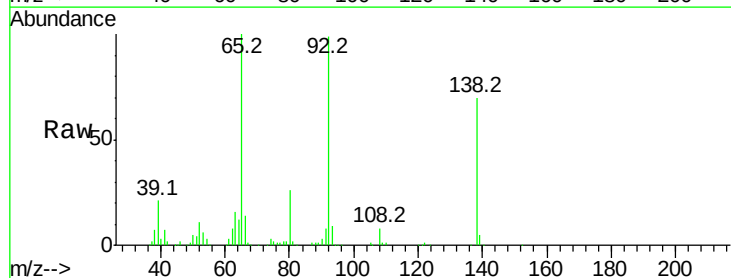
Tgt Ion:138 Resp: 155465

Ion Ratio Lower Upper

138 100

108 12.0 17.5 26.3#

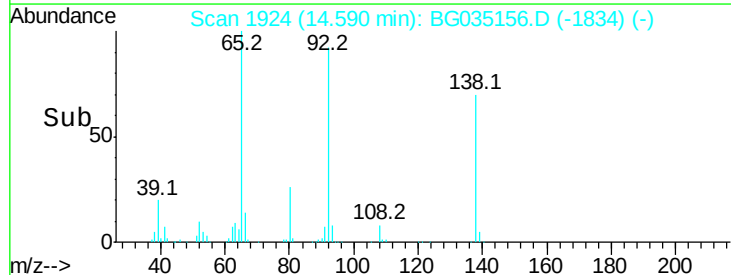
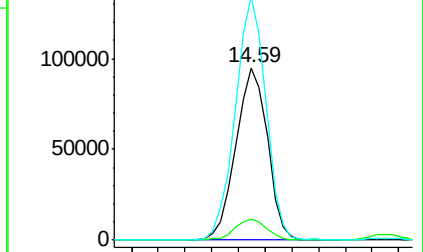
92 141.5 105.8 158.8

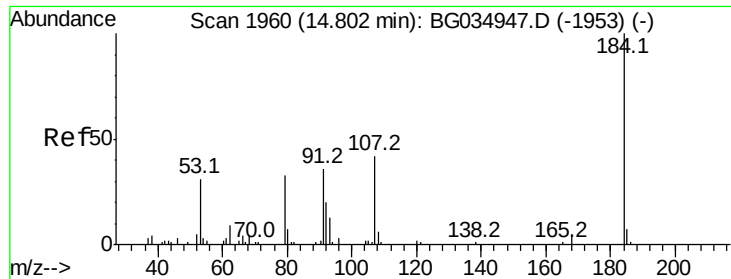


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

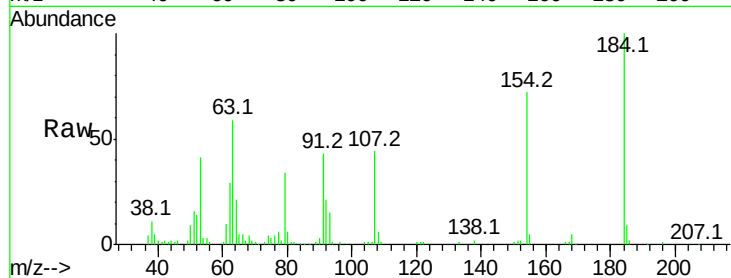




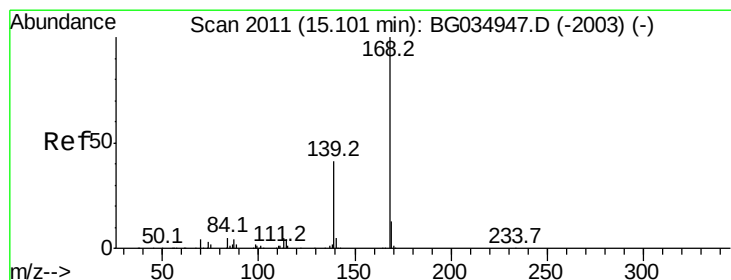
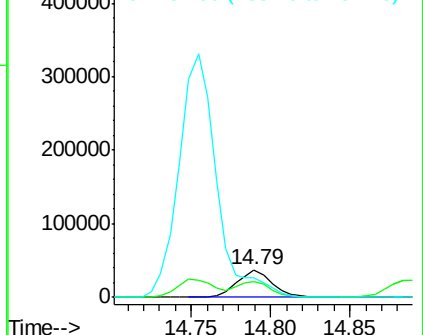
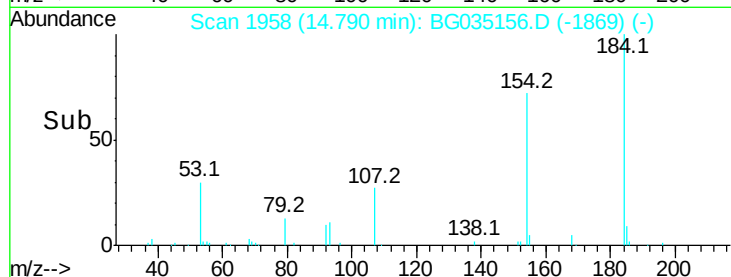
#53
2,4-Dinitrophenol
Concen: 43.044 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 56470
Ion Ratio Lower Upper
184 100
63 59.4 59.8 89.8#
154 72.4 101.8 152.8#

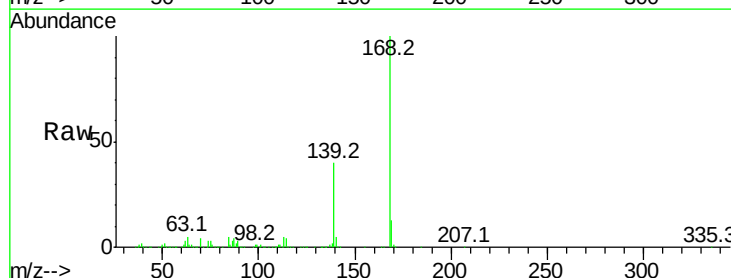


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

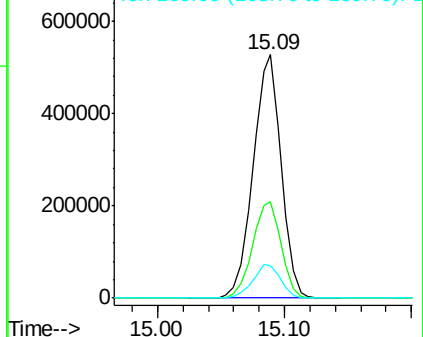
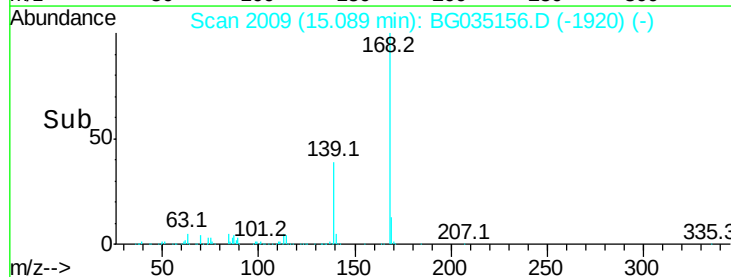


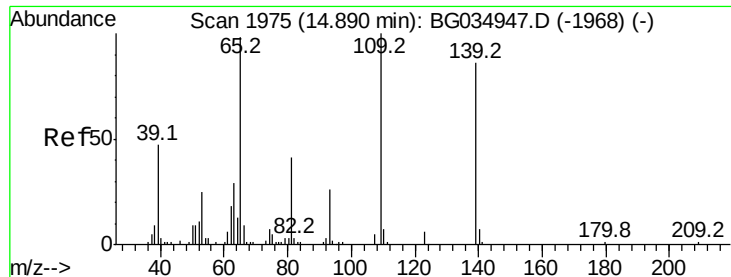
#54
Dibenzofuran
Concen: 39.716 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Tgt Ion:168 Resp: 807287
Ion Ratio Lower Upper
168 100
139 39.5 28.6 43.0
169 13.5 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

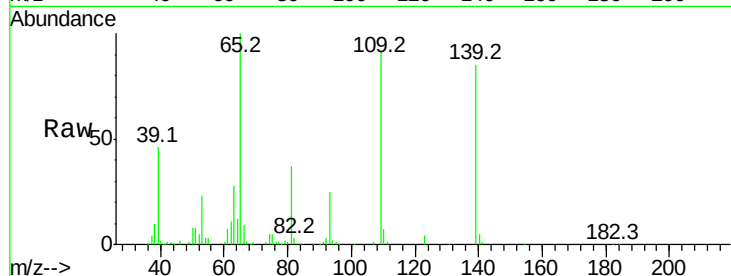




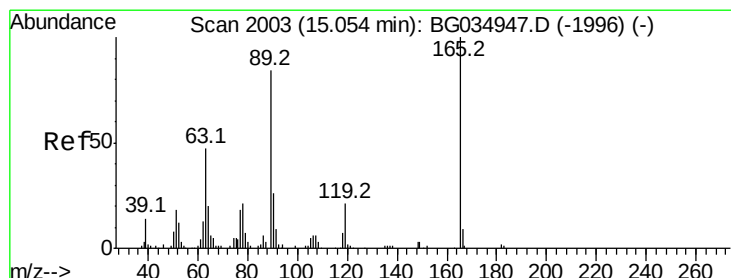
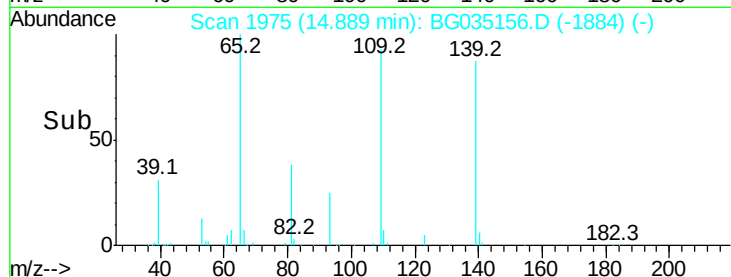
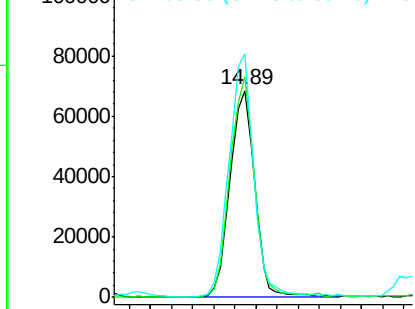
#55
4-Nitrophenol
Concen: 41.547 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 111537
Ion Ratio Lower Upper
139 100
109 106.9 62.2 102.2#
65 117.9 97.2 137.2



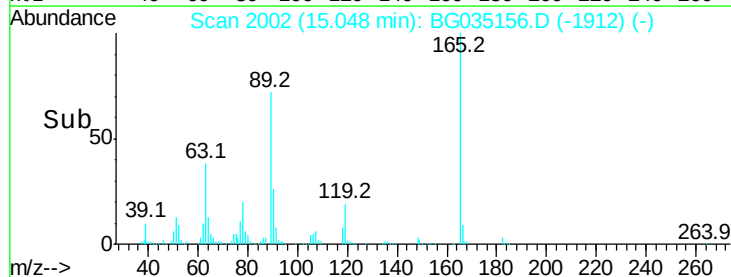
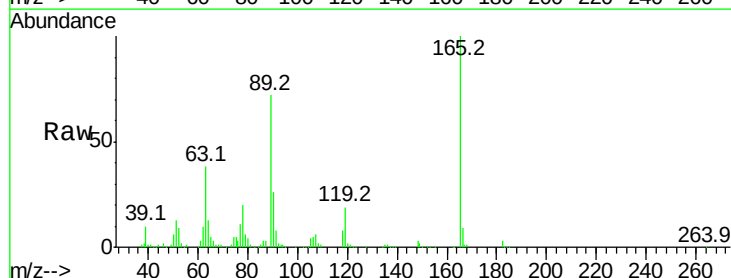
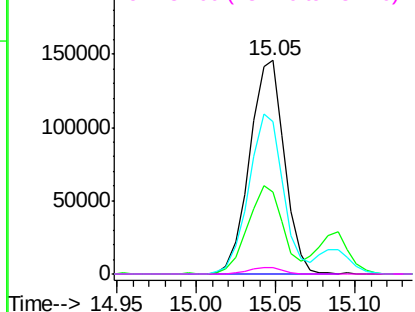
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

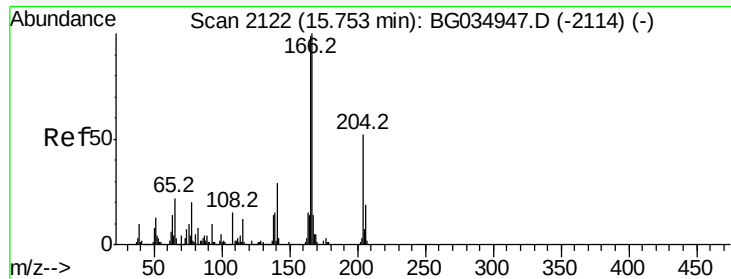


#56
2,4-Dinitrotoluene
Concen: 51.677 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Tgt Ion:165 Resp: 222533
Ion Ratio Lower Upper
165 100
63 38.4 42.0 63.0#
89 71.6 66.9 100.3
182 3.0 2.6 3.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.444 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

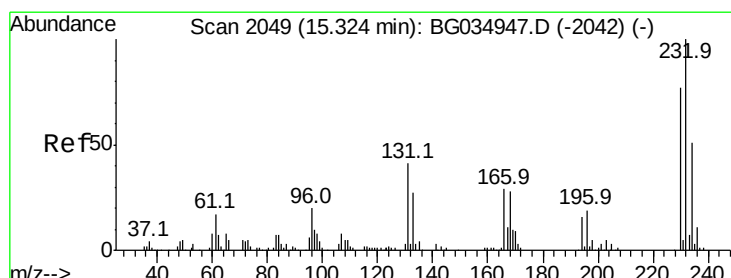
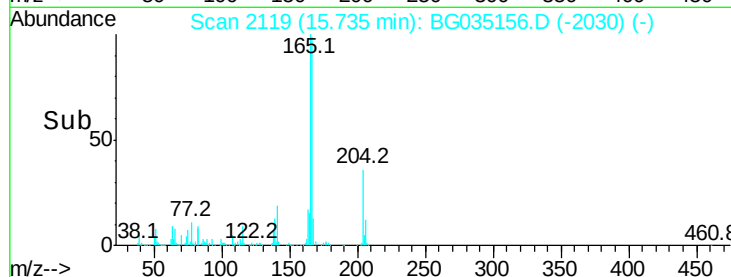
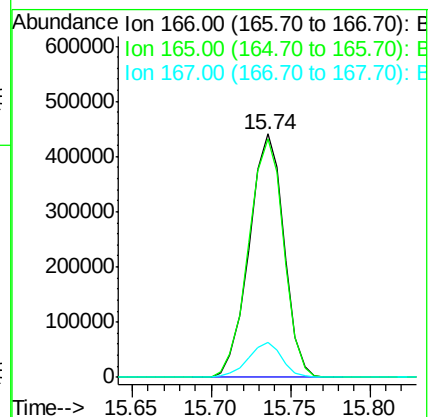
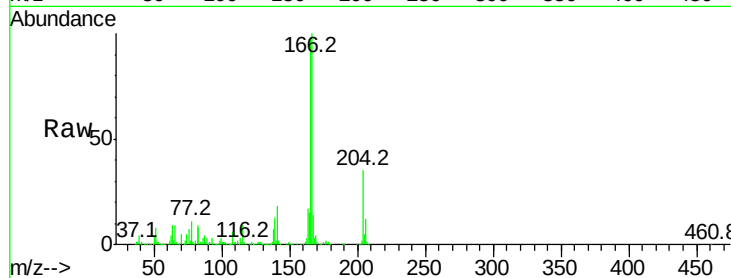
Tot Ion:166 Resp: 670052

Ion Ratio Lower Upper

166 100

165 98.1 80.6 121.0

167 14.5 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.392 ng

RT: 15.31 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Tgt Ion:232 Resp: 215116

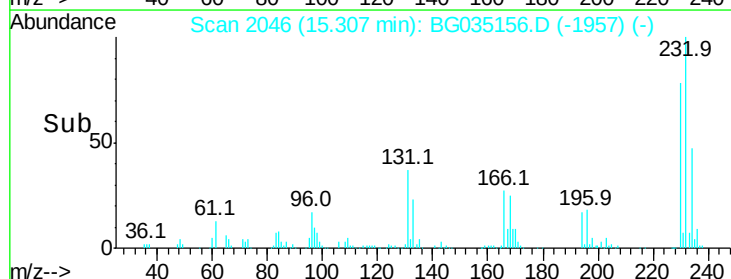
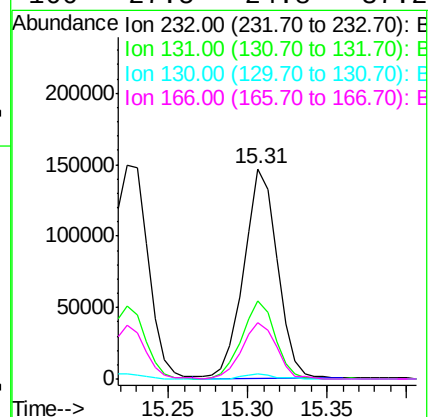
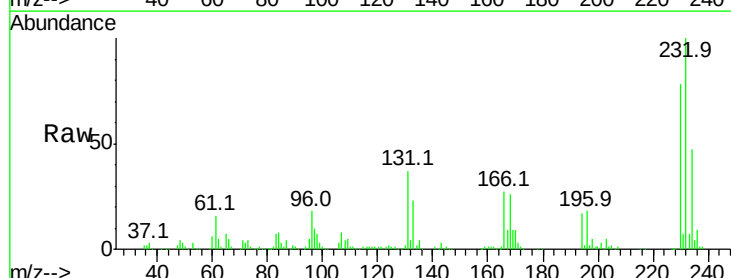
Ion Ratio Lower Upper

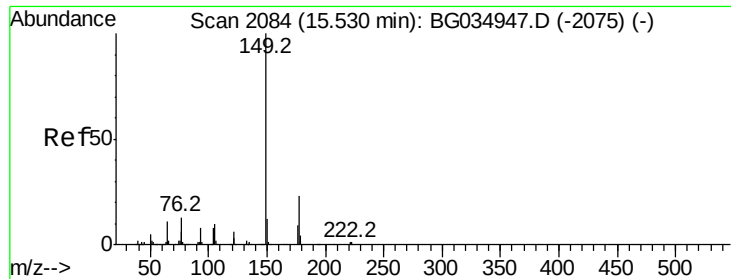
232 100

131 37.1 33.5 50.3

130 2.2 2.2 3.2#

166 27.5 24.8 37.2





#59

Diethylphthalate

Concen: 39.122 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

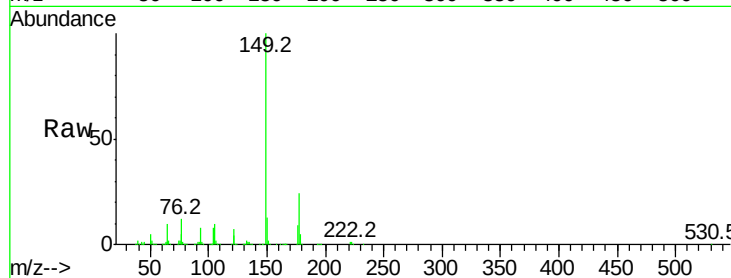
Tot Ion:149 Resp: 709233

Ion Ratio Lower Upper

149 100

177 23.9 18.5 27.7

150 13.4 10.2 15.2

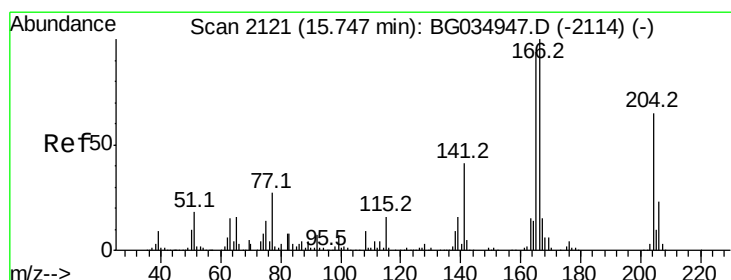
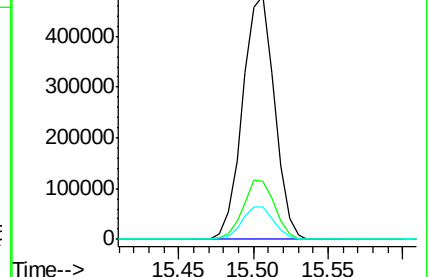
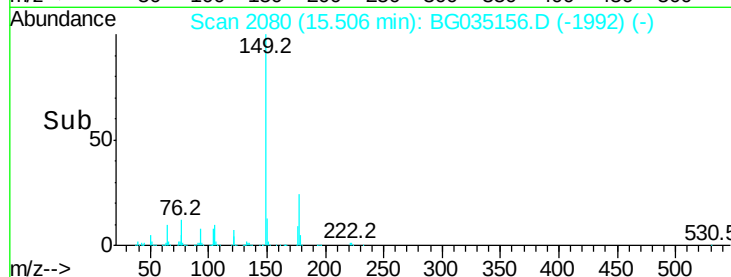


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

15.51



#60

4-Chlorophenyl-phenylether

Concen: 41.536 ng

RT: 15.72 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

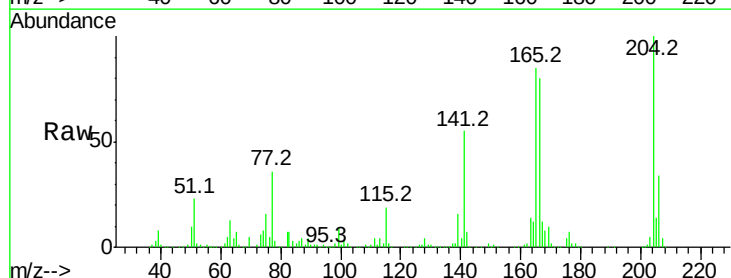
Tgt Ion:204 Resp: 402350

Ion Ratio Lower Upper

204 100

206 34.5 26.2 39.2

141 54.8 45.8 68.6

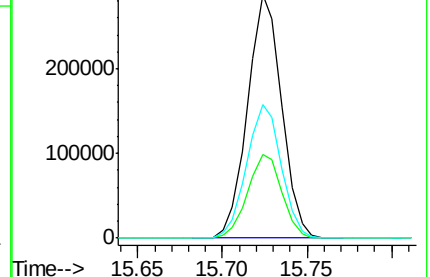
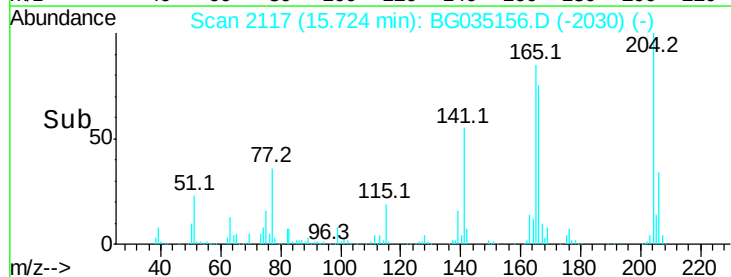


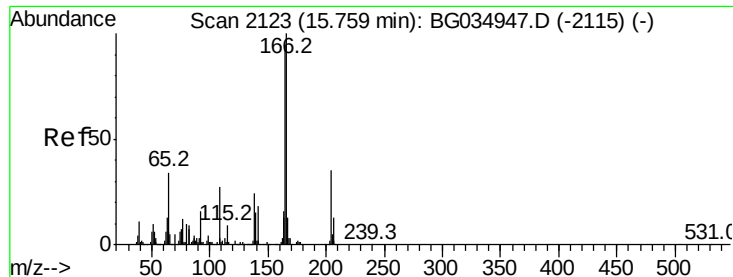
Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

15.72

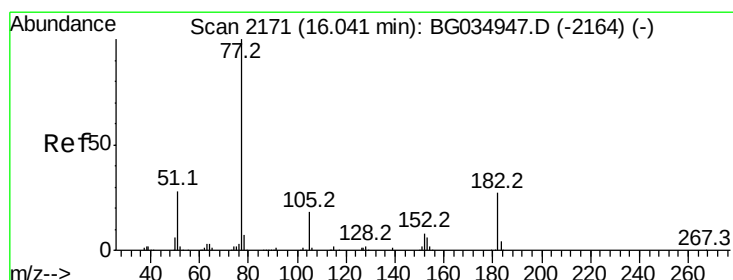
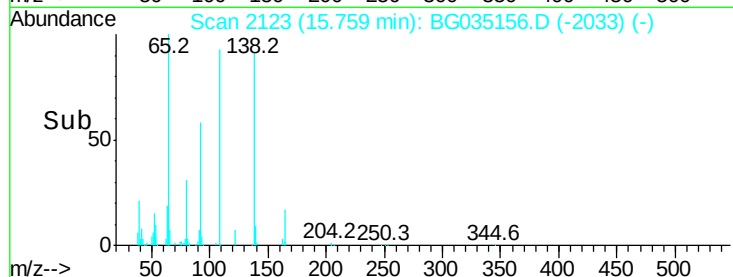
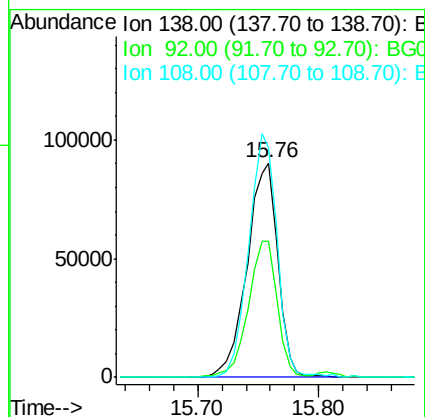
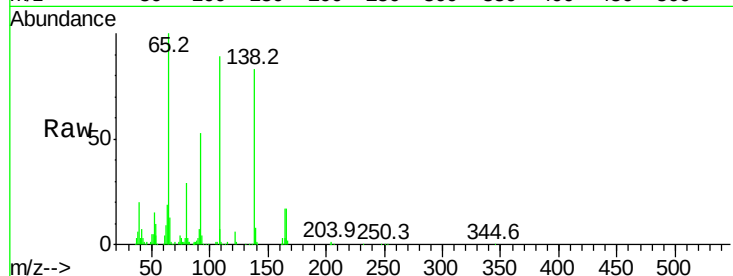




#61
4-Nitroaniline
Concen: 47.195 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

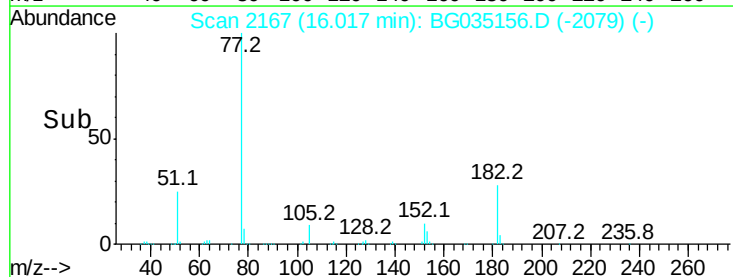
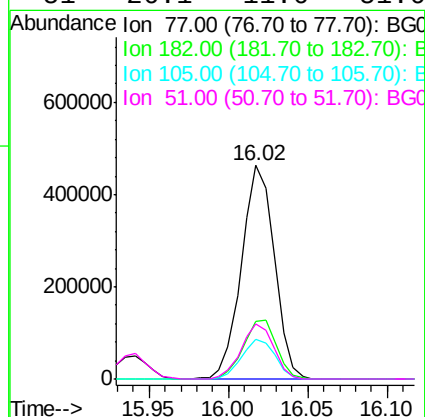
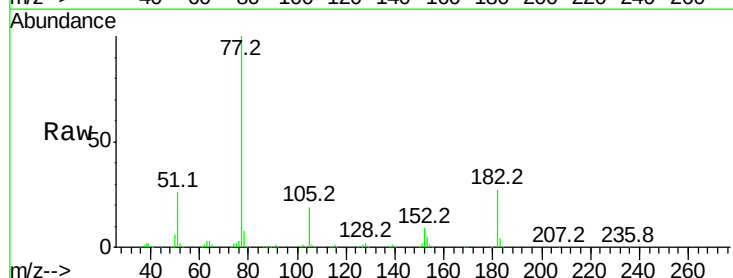
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

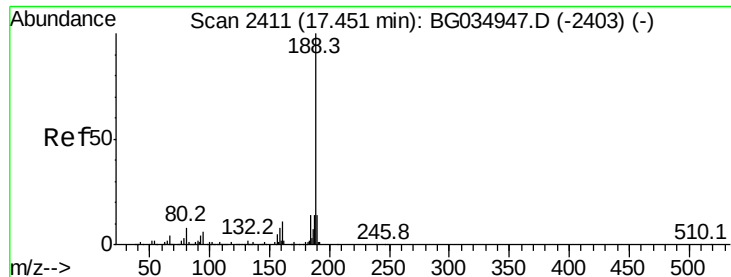
Tot Ion:138 Resp: 161001
Ion Ratio Lower Upper
138 100
92 63.4 40.1 80.1
108 106.8 65.4 105.4#



#62
Azobenzene
Concen: 37.513 ng
RT: 16.02 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Tgt Ion: 77 Resp: 666420
Ion Ratio Lower Upper
77 100
182 26.8 7.4 47.4
105 18.7 0.3 40.3
51 26.1 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

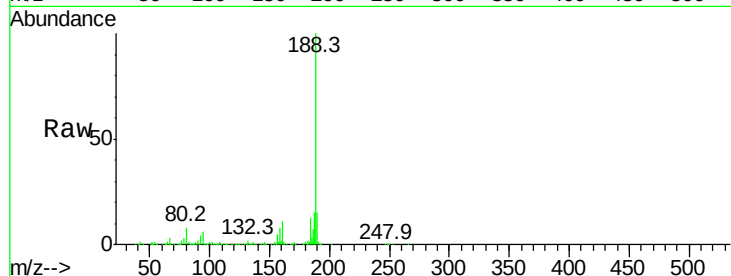
Tot Ion:188 Resp: 520112

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

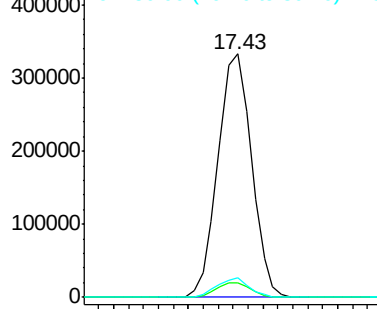
80 8.1 7.7 11.5



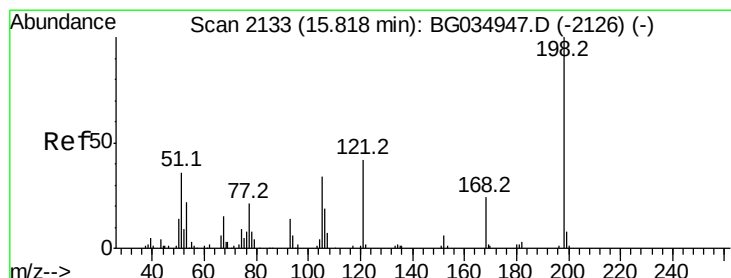
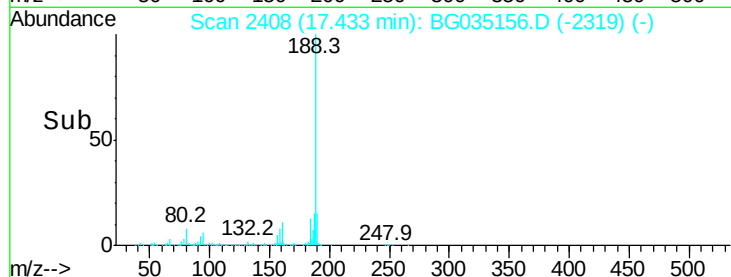
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.35 17.40 17.45 17.50



#64

4,6-Dinitro-2-methylphenol

Concen: 50.782 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

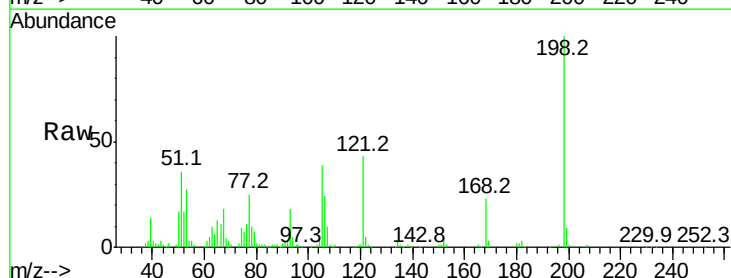
Tgt Ion:198 Resp: 120591

Ion Ratio Lower Upper

198 100

51 35.7 30.6 70.6

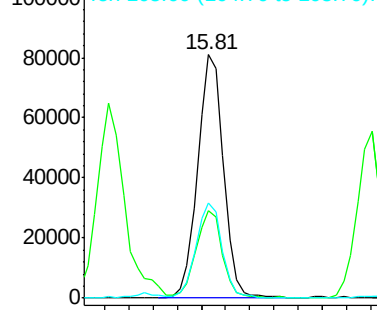
105 39.3 23.8 63.8



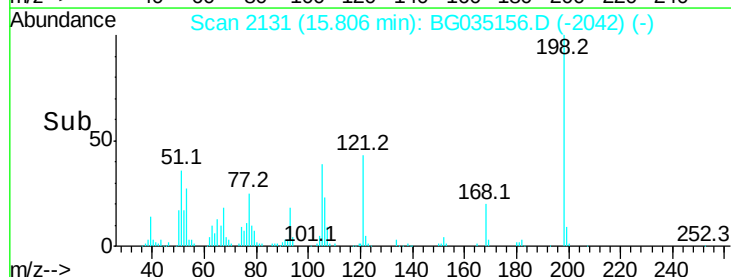
Abundance Ion 198.00 (197.70 to 198.70): E

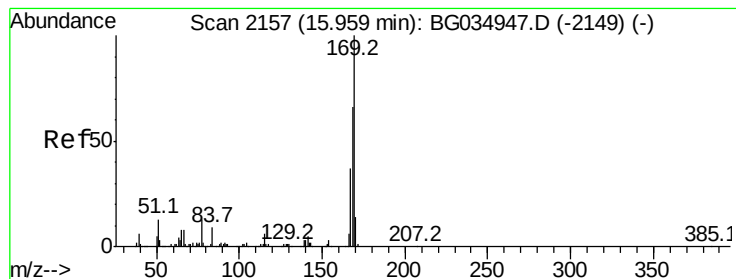
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time--> 15.80 15.90





#65

n-Nitrosodiphenylamine

Concen: 40.444 ng

RT: 15.94 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

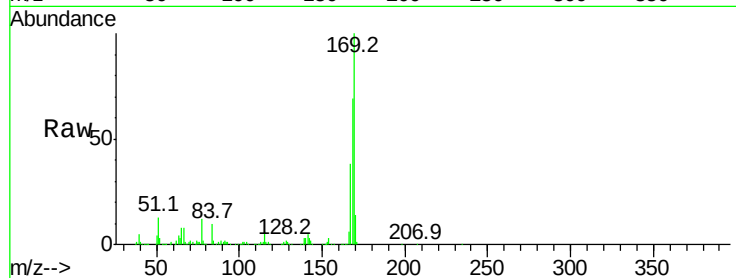
Tot Ion:169 Resp: 631715

Ion Ratio Lower Upper

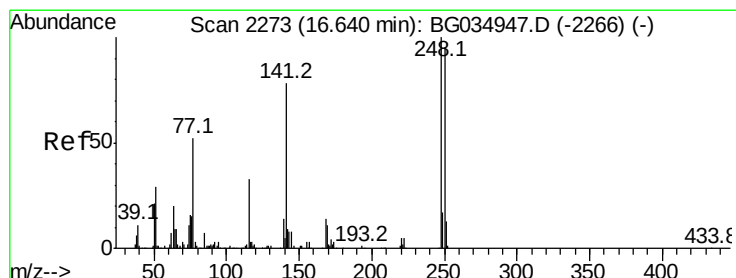
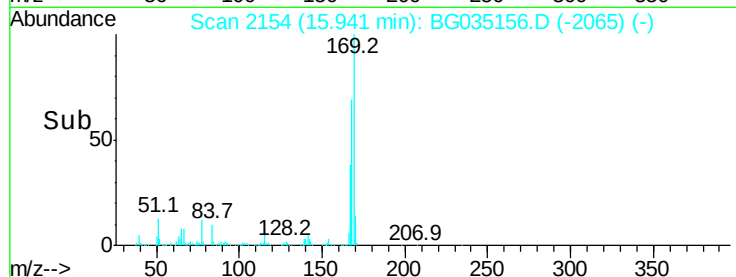
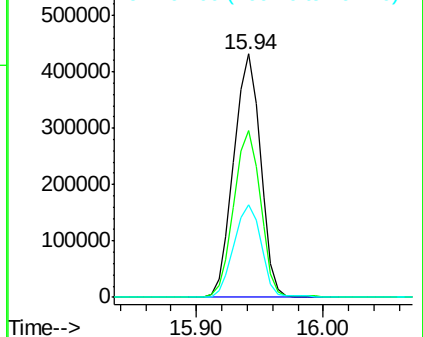
169 100

168 68.8 55.7 83.5

167 38.3 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.302 ng

RT: 16.62 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

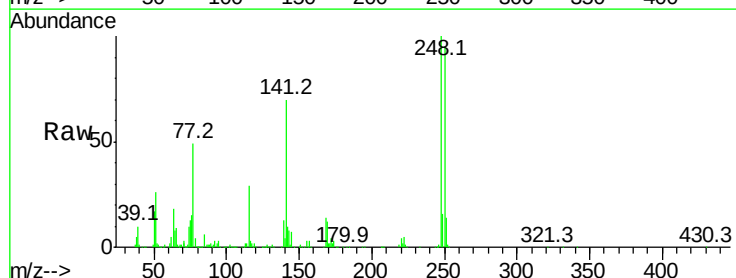
Tgt Ion:248 Resp: 264956

Ion Ratio Lower Upper

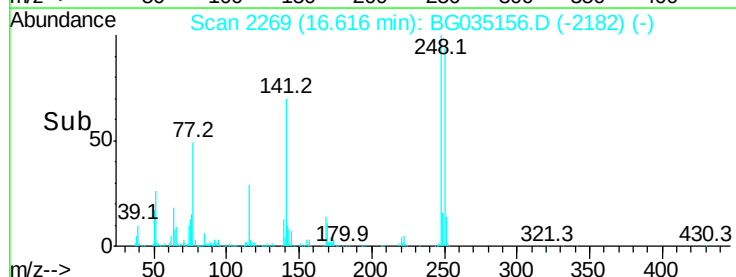
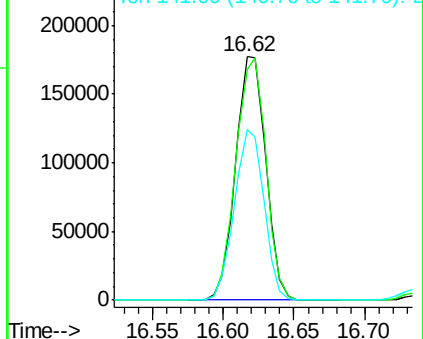
248 100

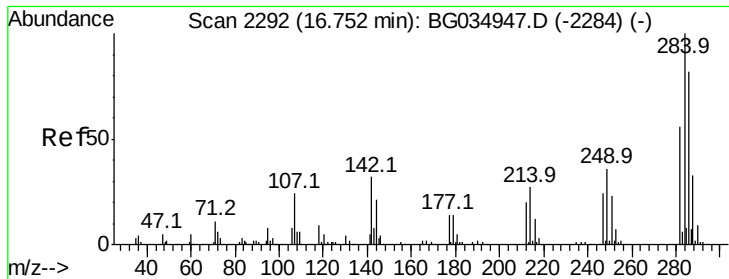
250 94.8 77.1 115.7

141 70.4 50.8 76.2



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





#67

Hexachlorobenzene

Concen: 42.207 ng

RT: 16.74 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

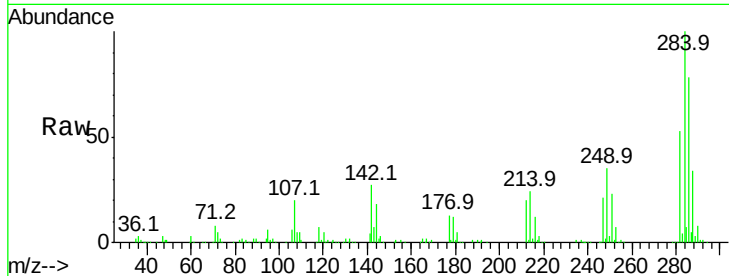
Tot Ion:284 Resp: 269072

Ion Ratio Lower Upper

284 100

142 27.4 26.8 40.2

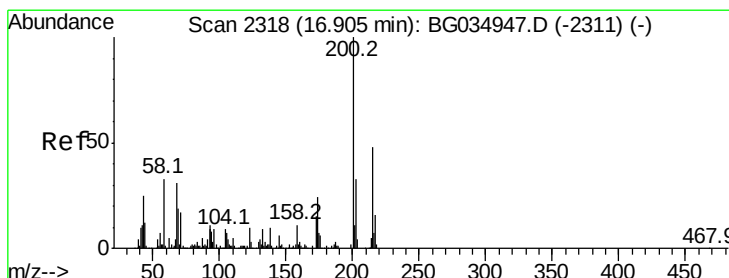
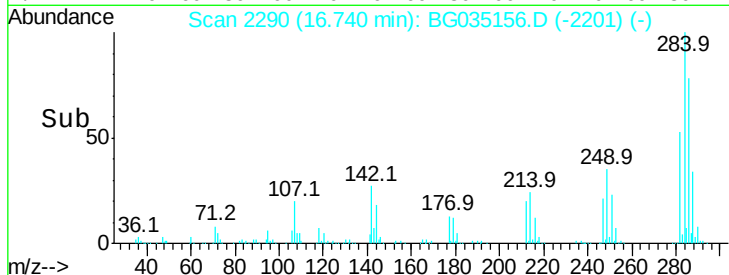
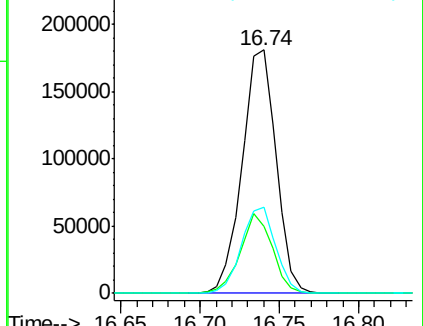
249 35.2 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.468 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

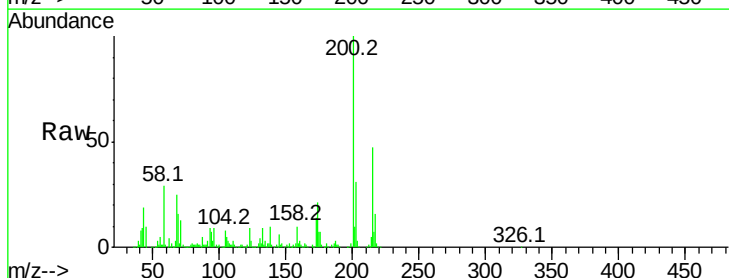
Tgt Ion:200 Resp: 276214

Ion Ratio Lower Upper

200 100

173 21.0 5.2 45.2

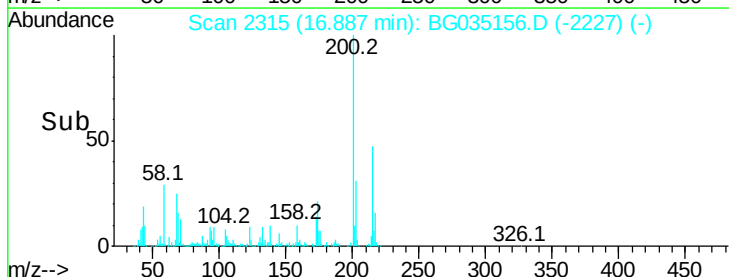
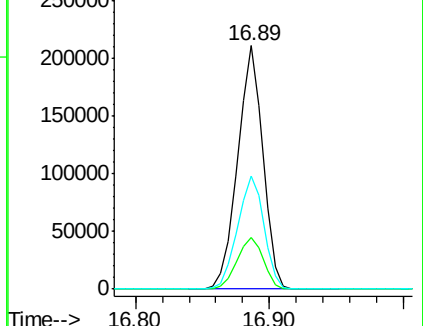
215 46.6 30.4 70.4

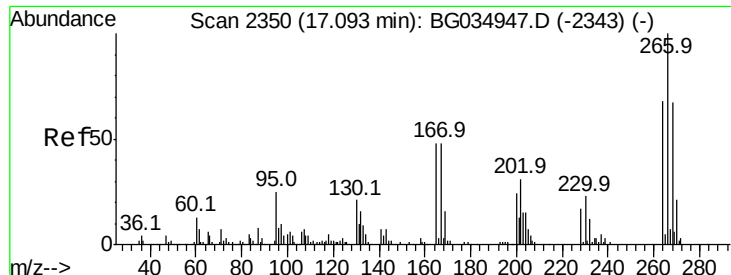


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 43.282 ng

RT: 17.07 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

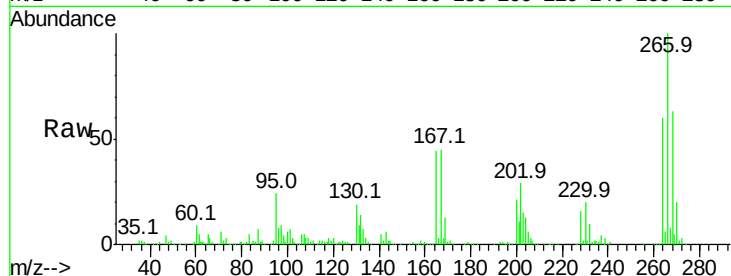
Tot Ion:266 Resp: 185540

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

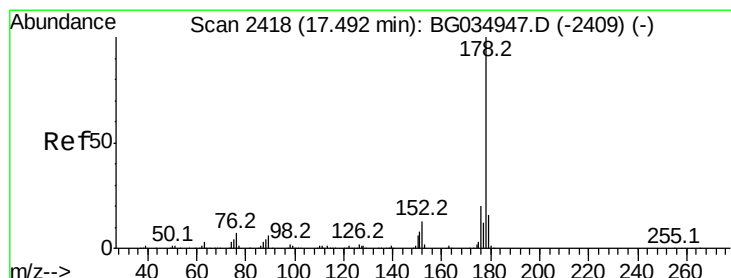
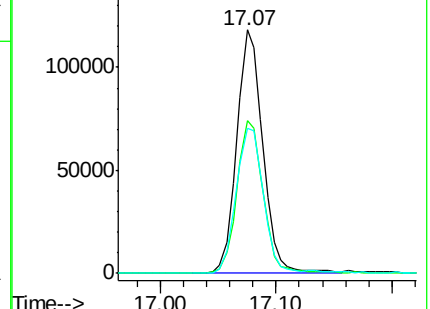
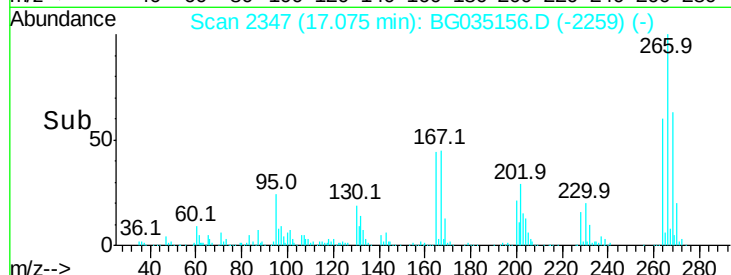
264 59.8 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.173 ng

RT: 17.47 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

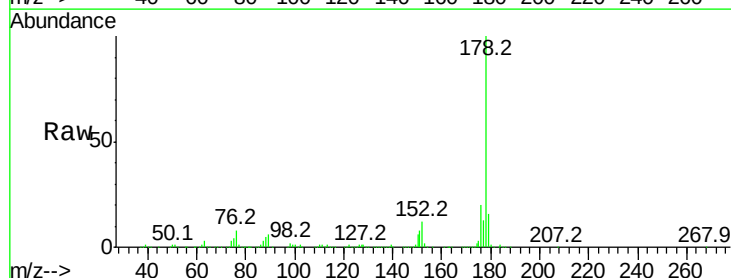
Tgt Ion:178 Resp: 1061401

Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

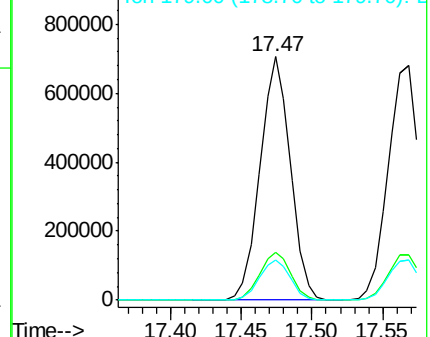
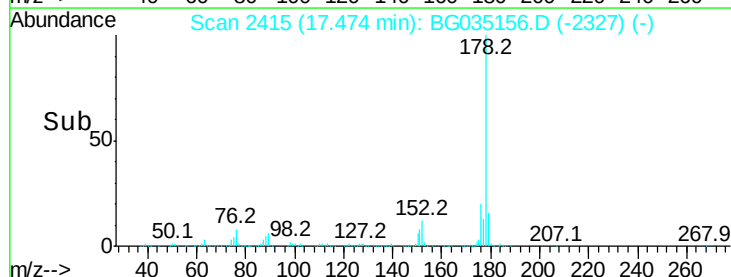
179 16.4 12.5 18.7

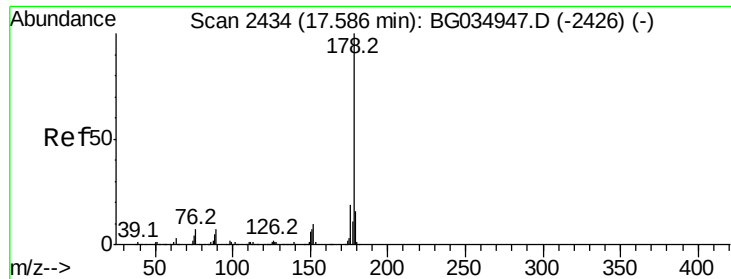


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

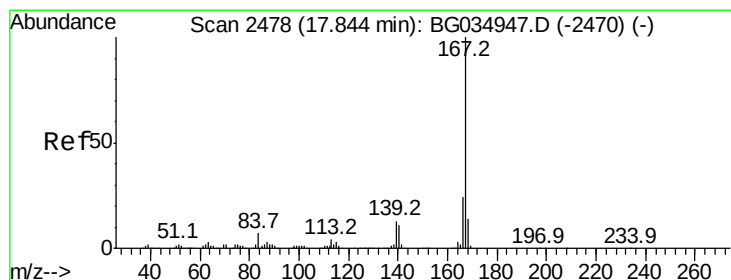
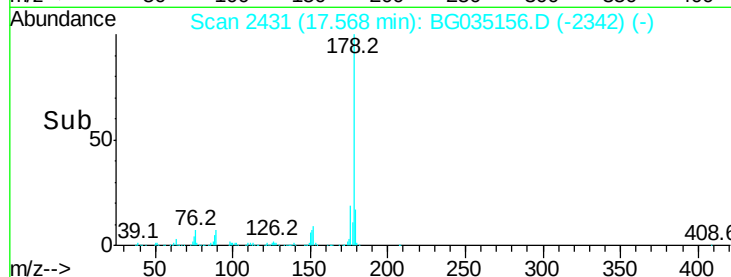
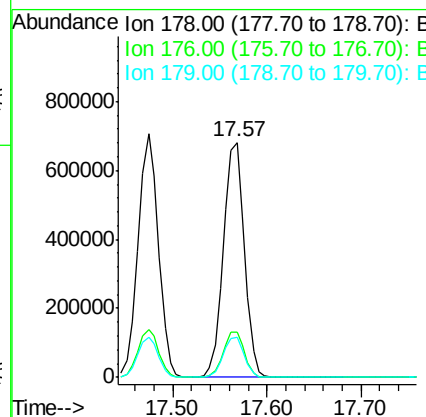
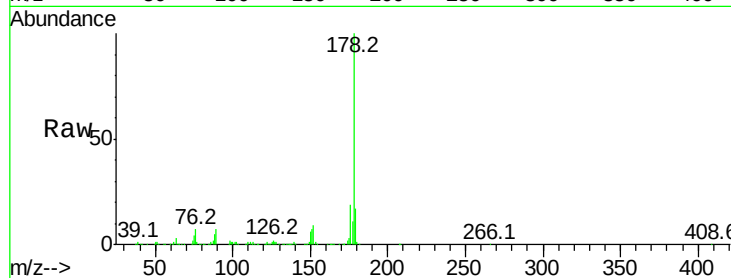




#71
 Anthracene
 Concen: 40.041 ng
 RT: 17.57 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BG035156.D
 Acq: 15 Jun 2018 3:35

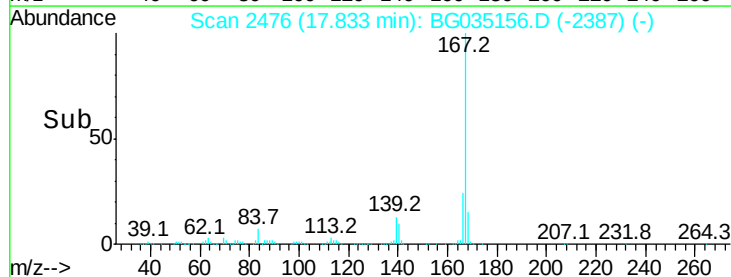
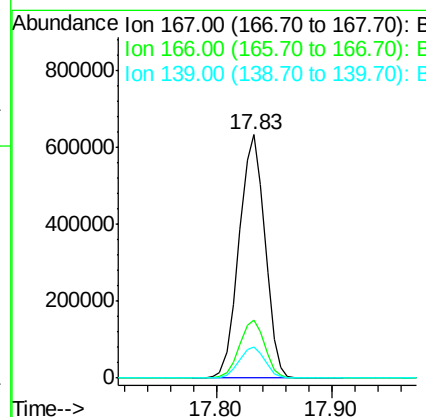
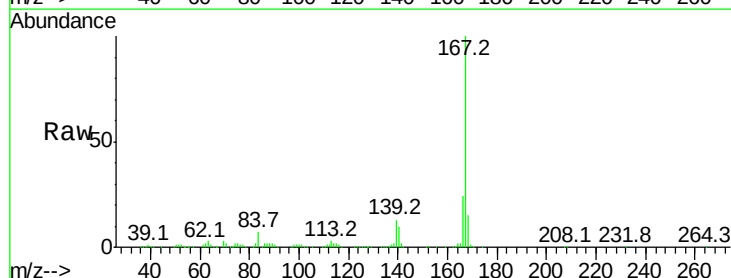
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

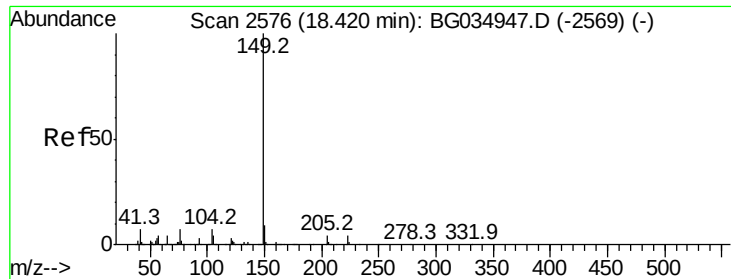
Tot Ion:178 Resp: 1059691
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 17.2 12.5 18.7



#72
 Carbazole
 Concen: 40.022 ng
 RT: 17.83 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BG035156.D
 Acq: 15 Jun 2018 3:35

Tgt Ion:167 Resp: 982747
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.2 27.4
 139 12.8 9.4 14.2





#73

Di-n-butylphthalate

Concen: 39.004 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.02 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

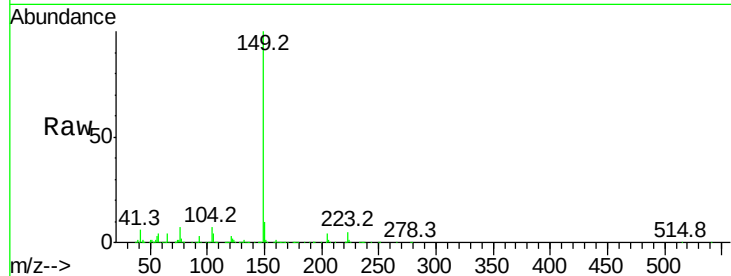
Tot Ion:149 Resp: 1141562

Ion Ratio Lower Upper

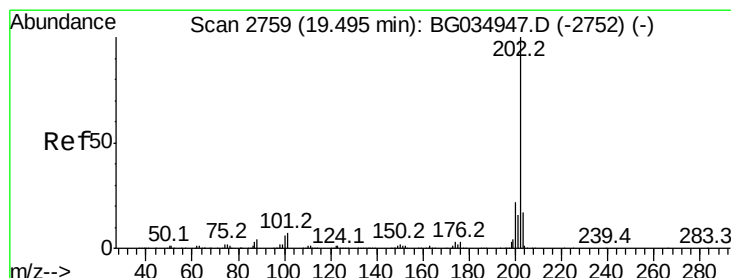
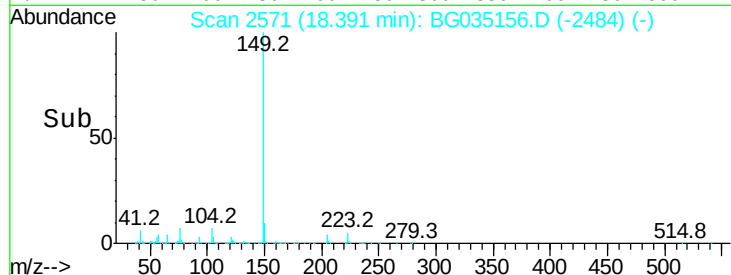
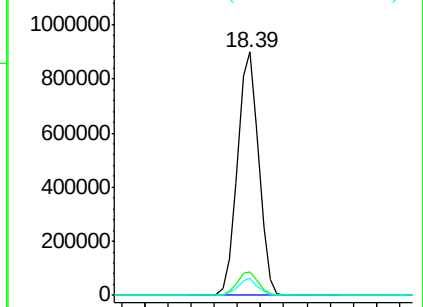
149 100

150 9.6 7.8 11.6

104 6.8 3.9 5.9#



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: 39.843 ng

RT: 19.48 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

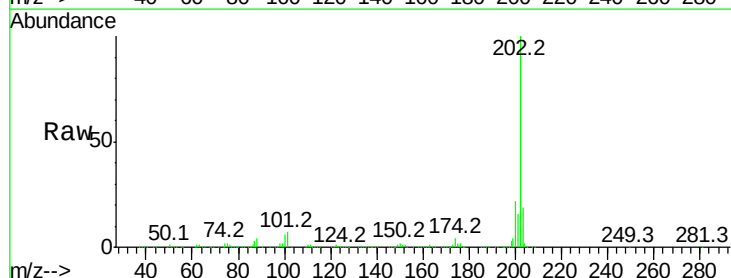
Tgt Ion:202 Resp: 1369816

Ion Ratio Lower Upper

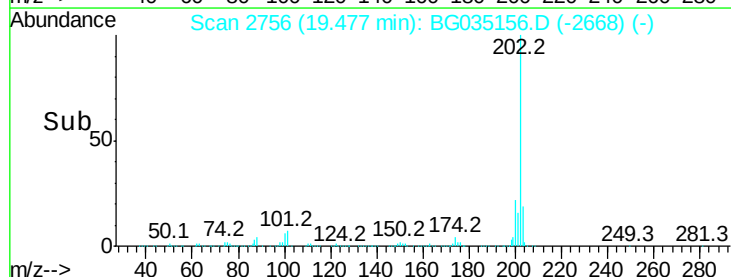
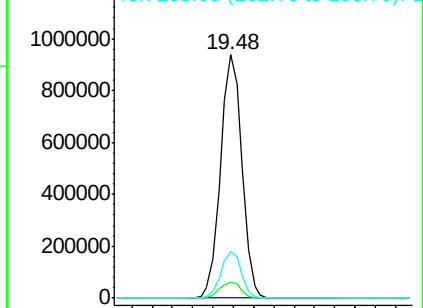
202 100

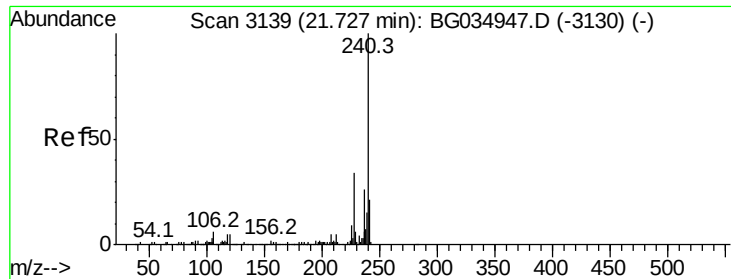
101 6.7 0.0 28.9

203 19.4 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

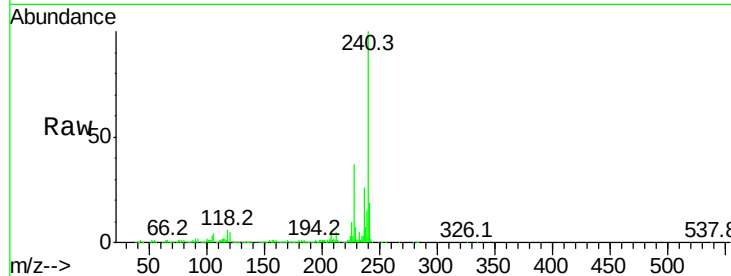
Tot Ion:240 Resp: 544118

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

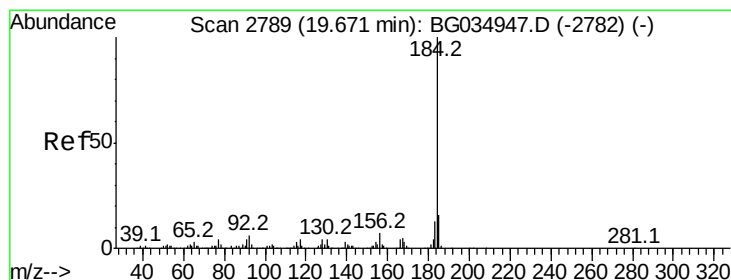
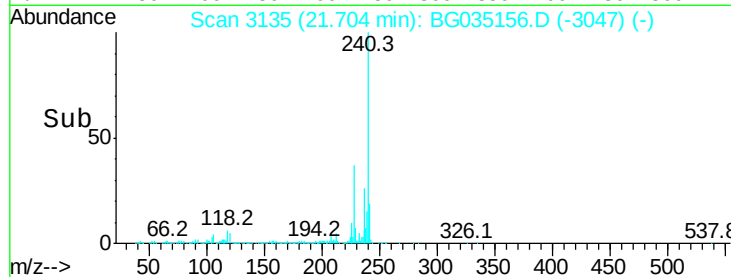
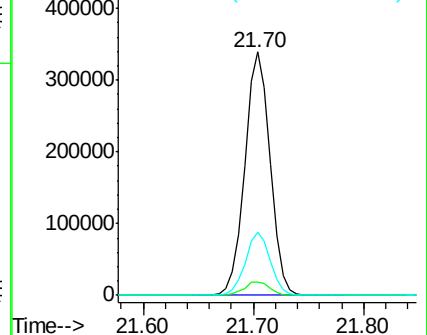
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.983 ng

RT: 19.65 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

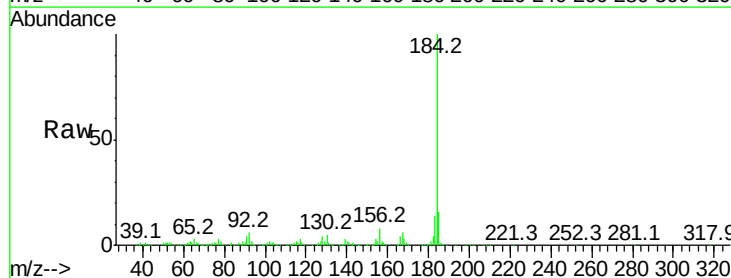
Tgt Ion:184 Resp: 667676

Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

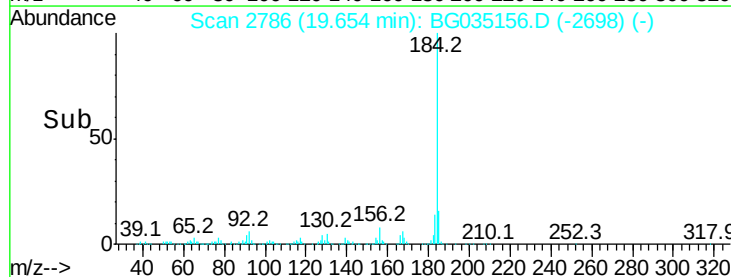
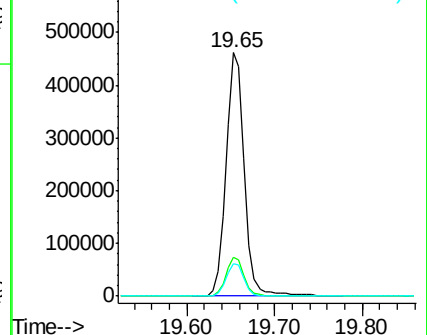
183 13.5 10.6 16.0

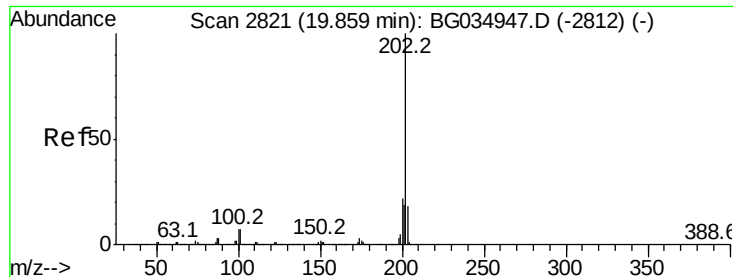


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

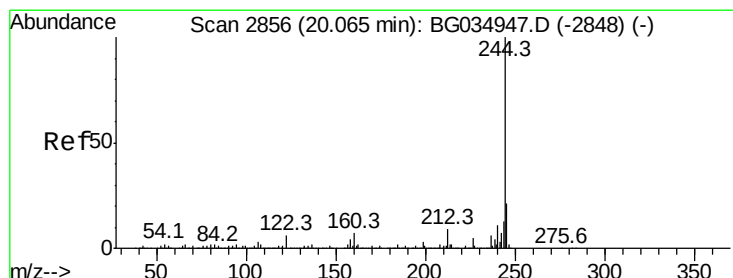
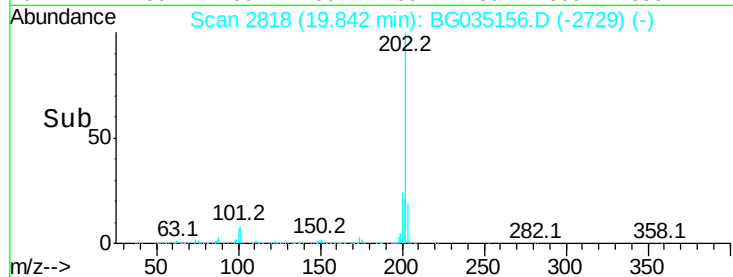
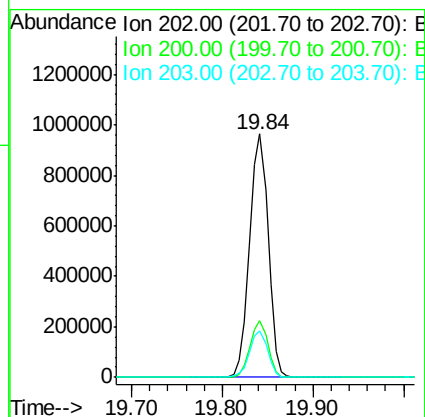
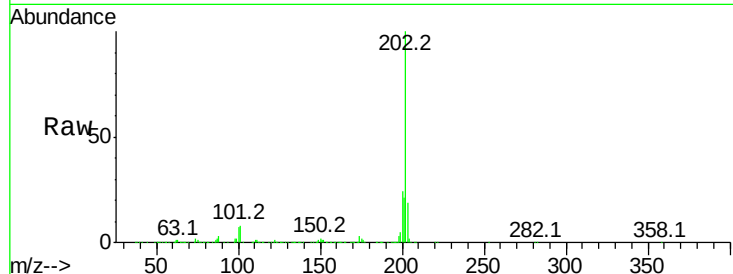




#77
Pvrene
Concen: 38.177 ng
RT: 19.84 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

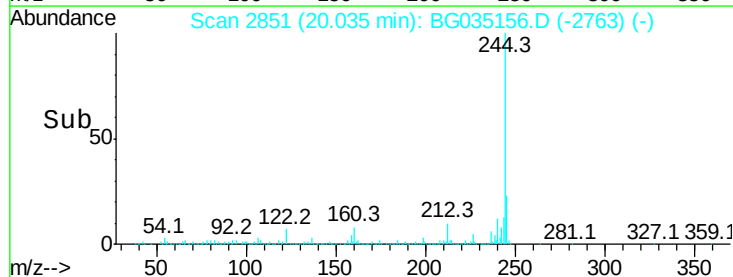
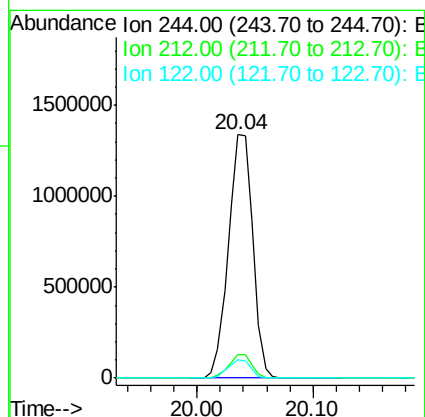
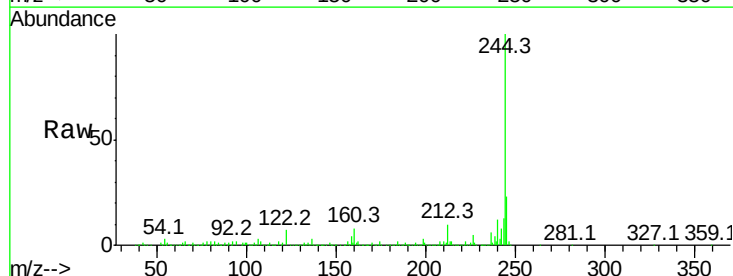
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

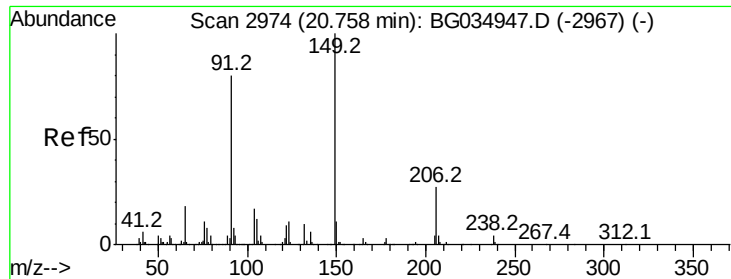
Tot Ion:202 Resp: 1369424
Ion Ratio Lower Upper
202 100
200 23.5 16.9 25.3
203 19.1 13.9 20.9



#78
Terphenyl-d14
Concen: 74.968 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Tgt Ion:244 Resp: 1947389
Ion Ratio Lower Upper
244 100
212 9.7 5.8 8.8#
122 7.5 7.0 10.4

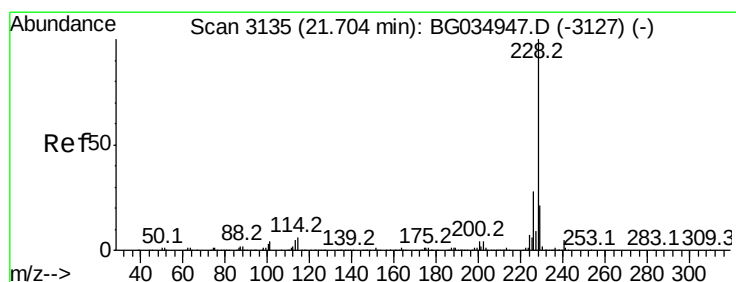
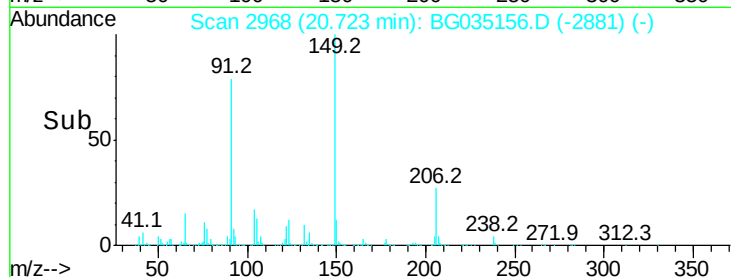
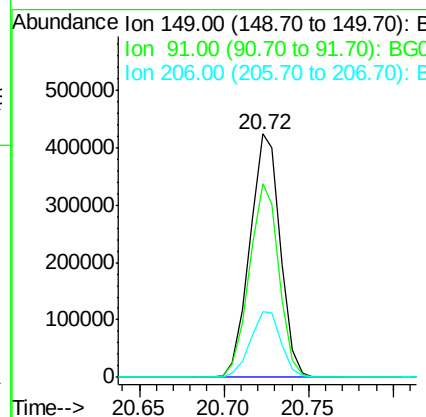
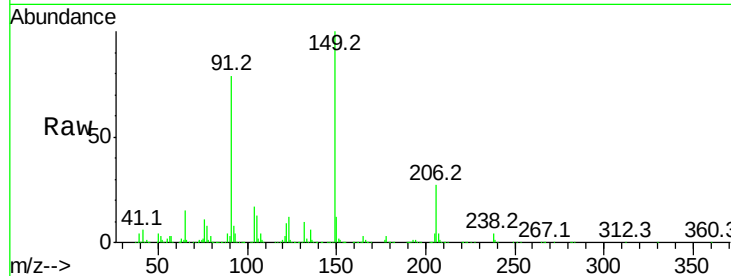




#79
Butylbenzylphthalate
Concen: 40.679 ng
RT: 20.72 min Scan# 2968
Delta R.T. -0.02 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

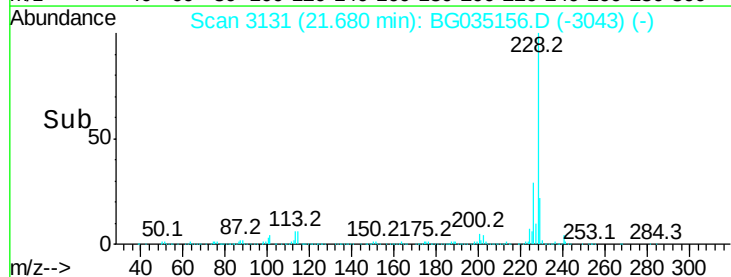
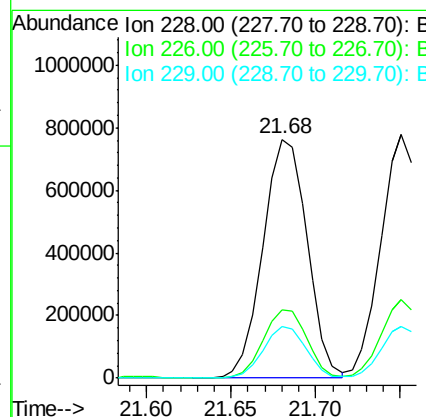
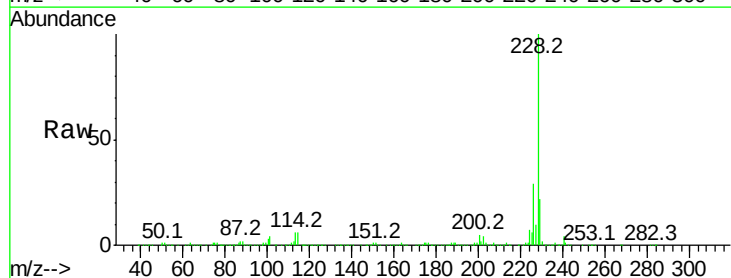
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

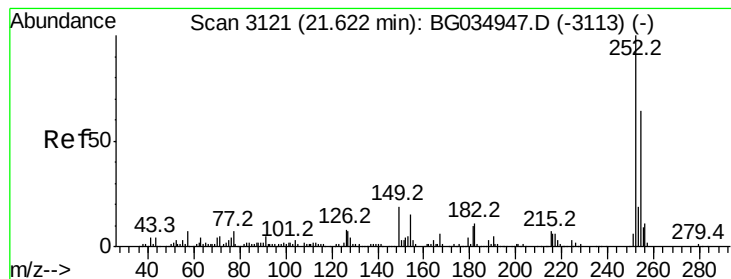
Tot Ion:149 Resp: 529853
Ion Ratio Lower Upper
149 100
91 79.3 62.2 93.2
206 27.1 18.6 27.8



#80
Benzo(a)anthracene
Concen: 39.707 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG035156.D
Acq: 15 Jun 2018 3:35

Tgt Ion:228 Resp: 1380648
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 21.6 16.2 24.2

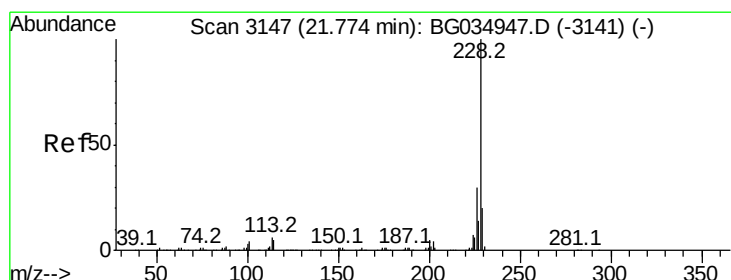
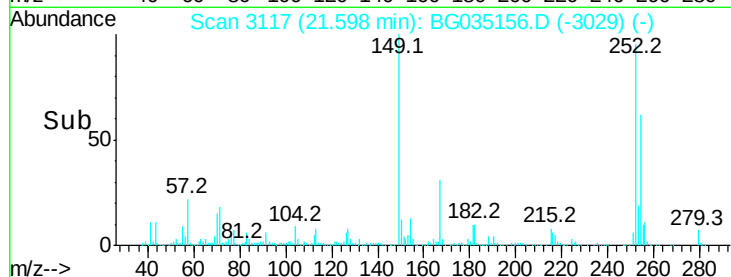
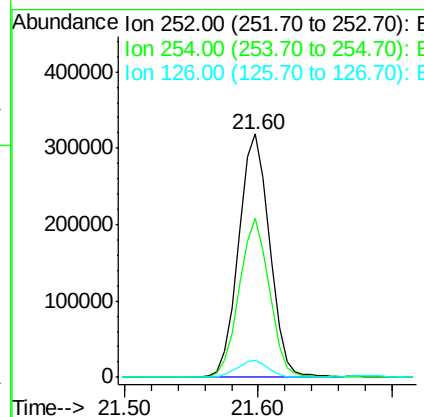
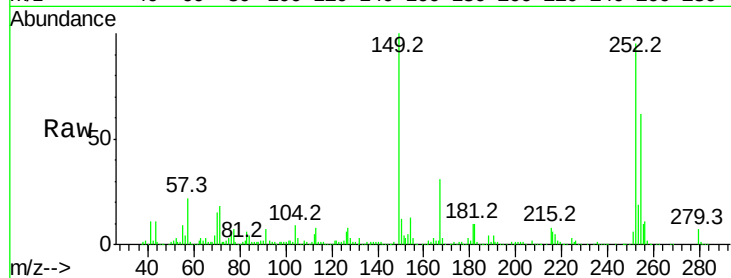




#81
 3,3'-Dichlorobenzidine
 Concen: 39.225 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG035156.D
 Acq: 15 Jun 2018 3:35

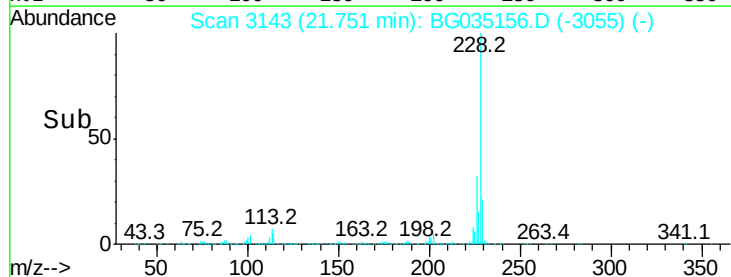
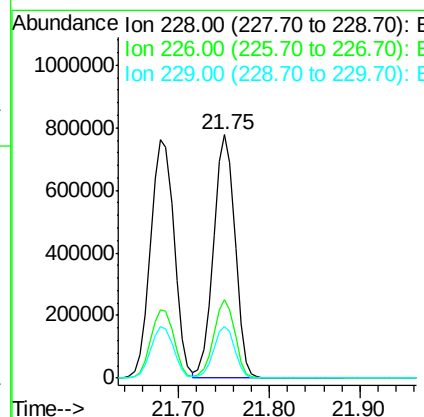
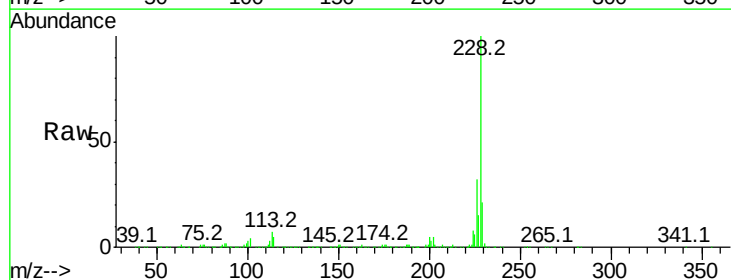
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

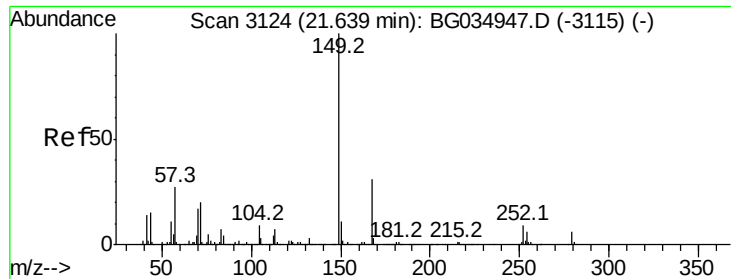
Tot Ion:252 Resp: 513119
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.8 76.2
 126 6.8 7.4 11.2#



#82
 Chrysene
 Concen: 40.183 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BG035156.D
 Acq: 15 Jun 2018 3:35

Tgt Ion:228 Resp: 1279235
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.9 37.3
 229 21.1 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.858 ng

RT: 21.59 min Scan# 3116

Delta R.T. -0.02 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

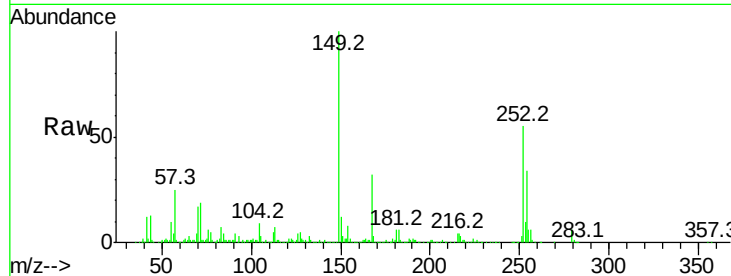
Tot Ion:149 Resp: 715178

Ion Ratio Lower Upper

149 100

167 32.1 24.3 36.5

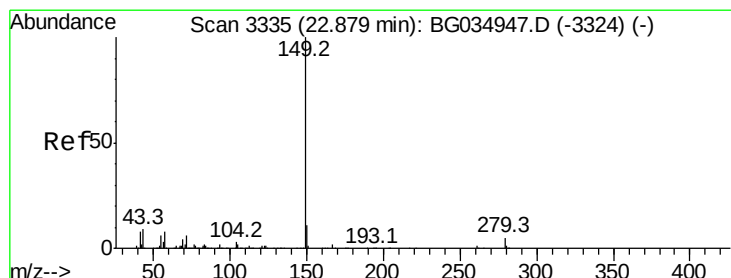
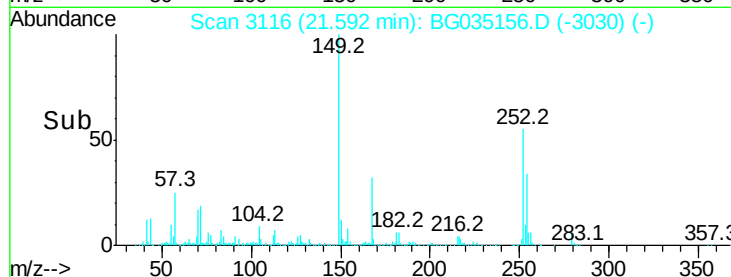
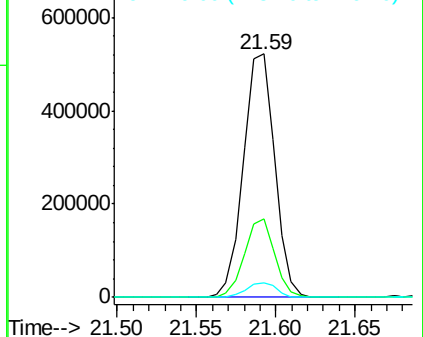
279 6.0 4.0 6.0#



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: 39.446 ng

RT: 22.81 min Scan# 3323

Delta R.T. -0.04 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

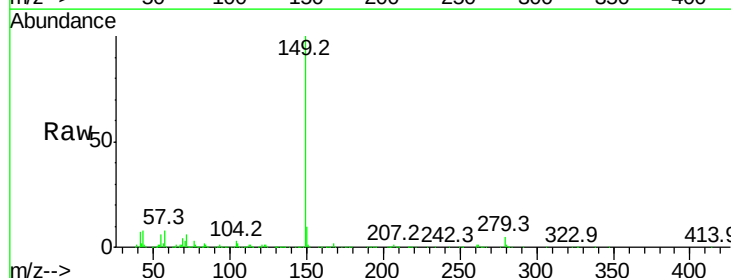
Tgt Ion:149 Resp: 1245520

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

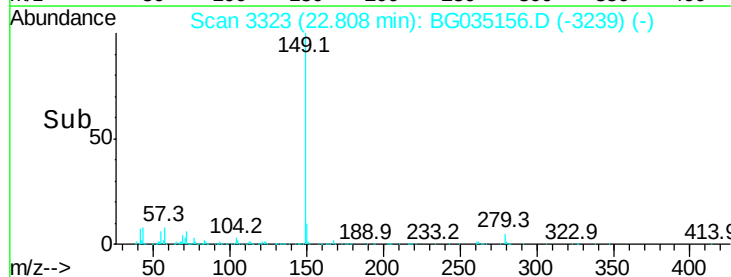
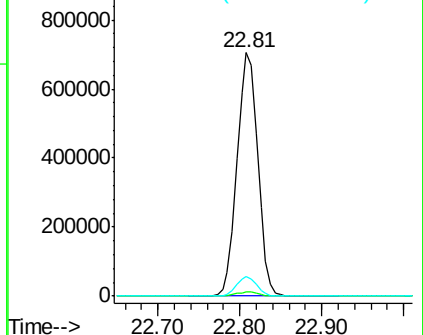
43 8.0 8.9 13.3#

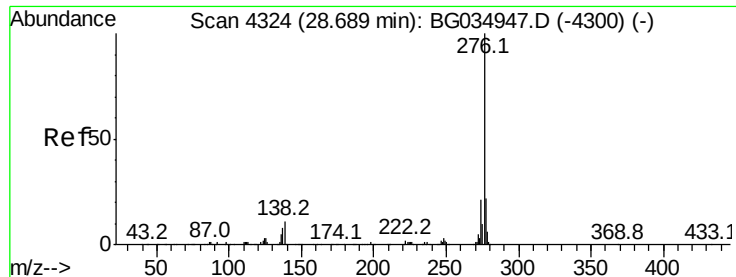


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.724 ng

RT: 28.62 min Scan# 4313

Delta R.T. -0.03 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

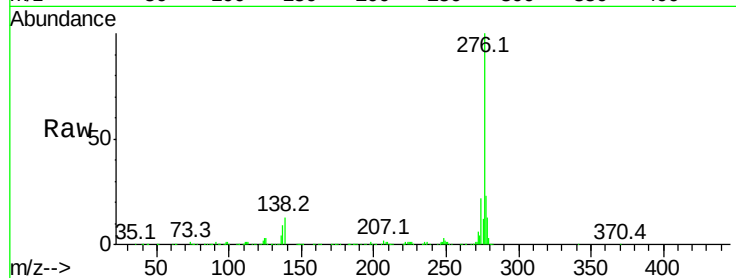
Tot Ion:276 Resp: 1443838

Ion Ratio Lower Upper

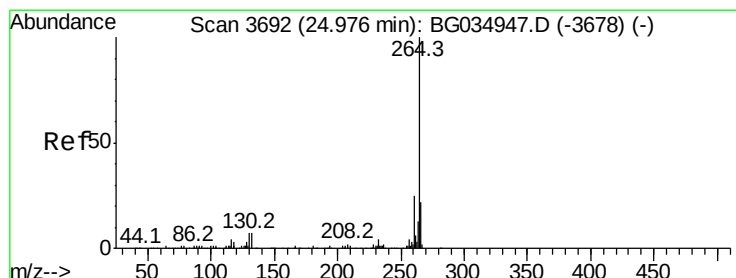
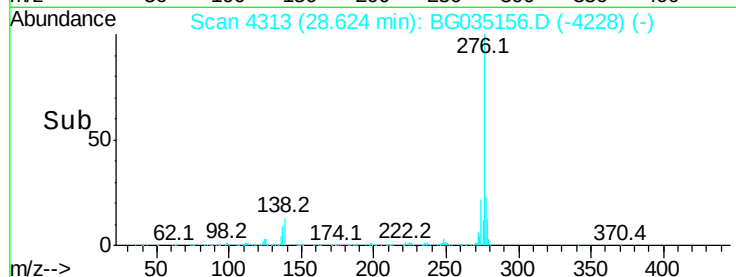
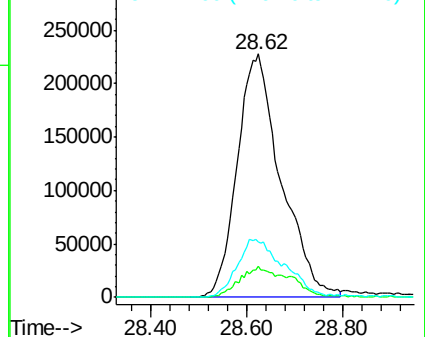
276 100

138 11.1 16.0 24.0#

277 25.5 20.0 30.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

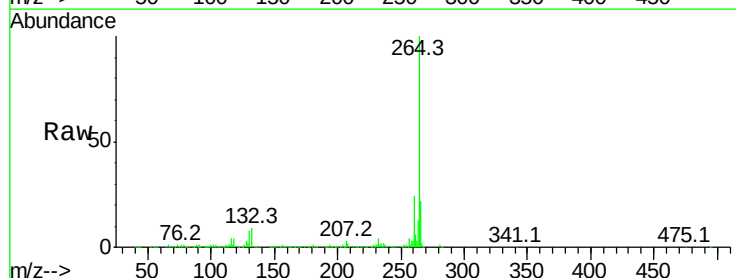
Tgt Ion:264 Resp: 536463

Ion Ratio Lower Upper

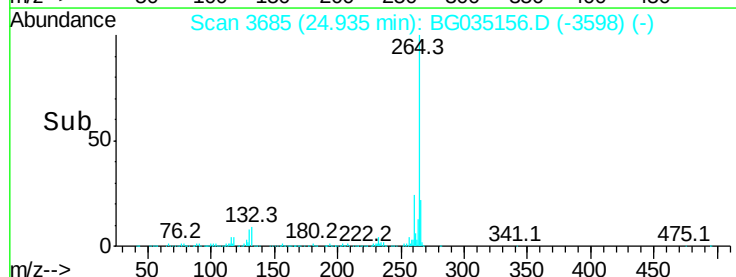
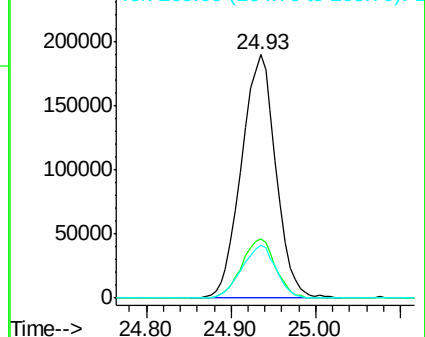
264 100

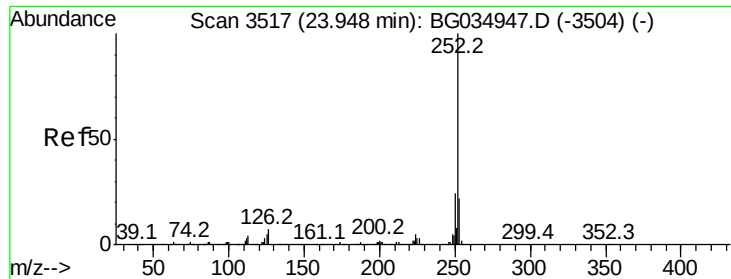
260 24.4 17.4 26.0

265 22.0 17.7 26.5



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





#87

Benzo(b)fluoranthene

Concen: 40.649 ng

RT: 23.91 min Scan# 3511

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

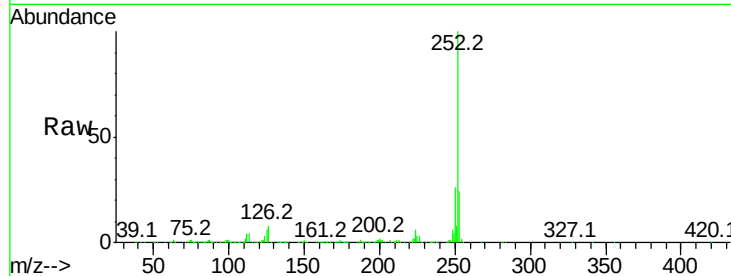
Tot Ion:252 Resp: 1342899

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.4

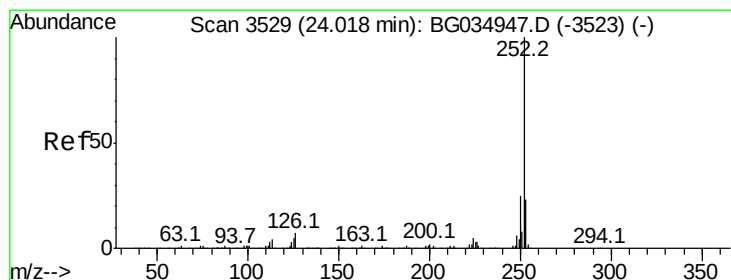
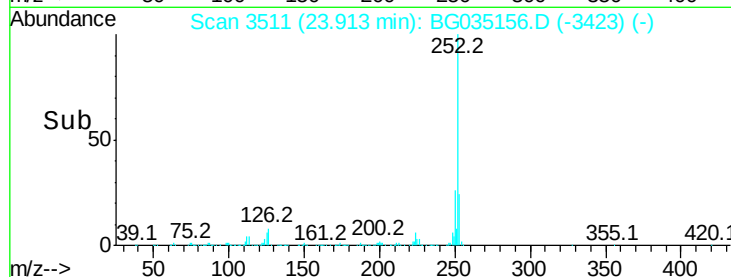
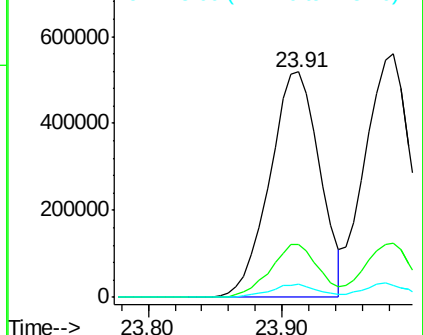
125 5.8 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.269 ng

RT: 23.98 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

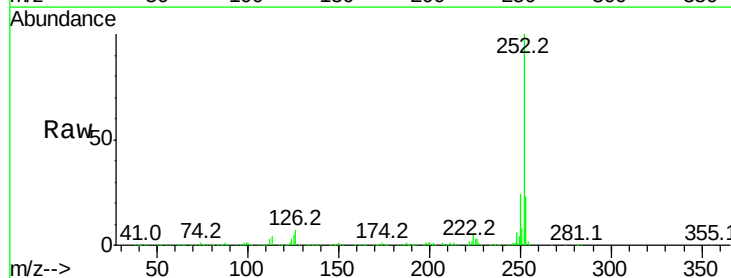
Tgt Ion:252 Resp: 1333677

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

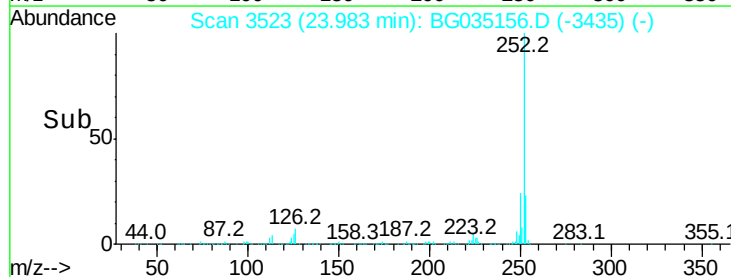
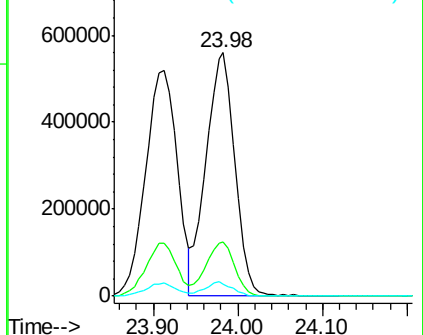
125 5.1 6.6 9.8#

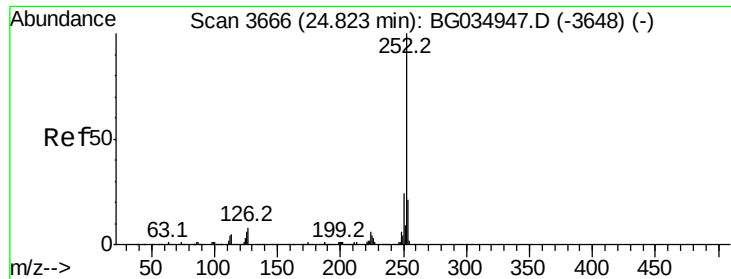


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.271 ng

RT: 24.78 min Scan# 3659

Delta R.T. -0.02 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

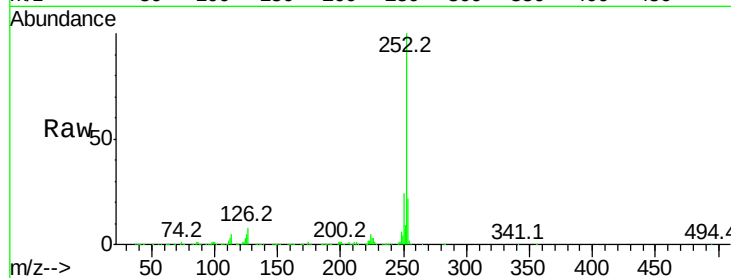
Tot Ion:252 Resp: 1282988

Ion Ratio Lower Upper

252 100

253 21.7 18.3 27.5

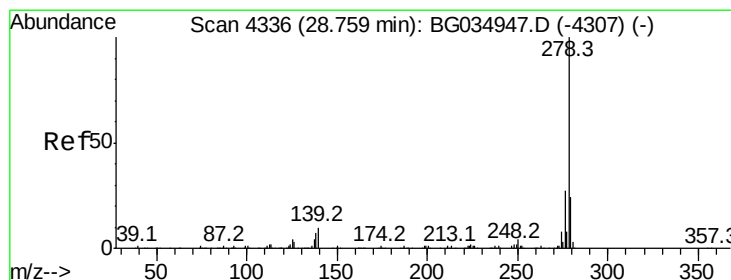
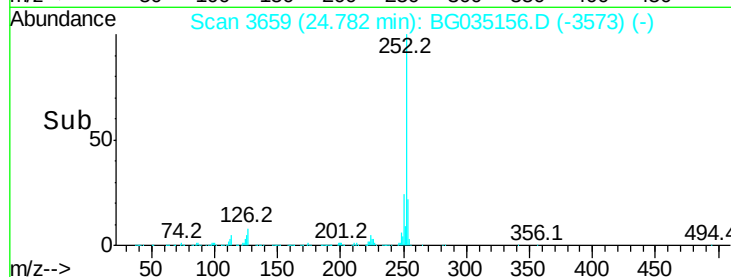
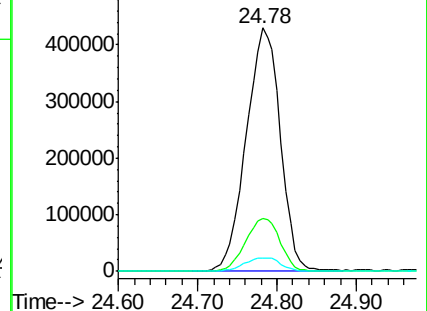
125 5.2 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.190 ng

RT: 28.69 min Scan# 4325

Delta R.T. -0.03 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

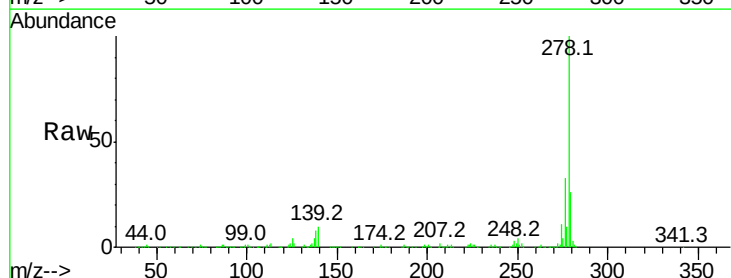
Tgt Ion:278 Resp: 1171953

Ion Ratio Lower Upper

278 100

139 9.9 9.8 14.6

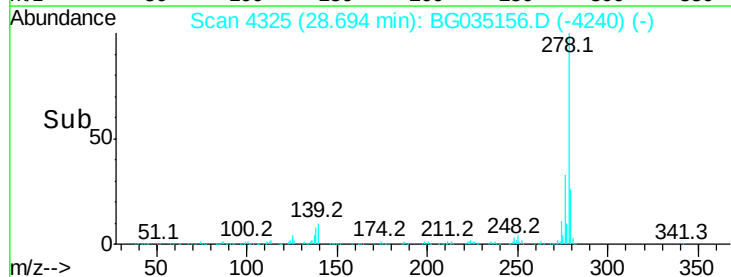
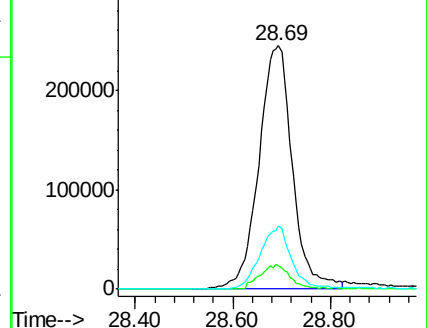
279 25.7 18.4 27.6

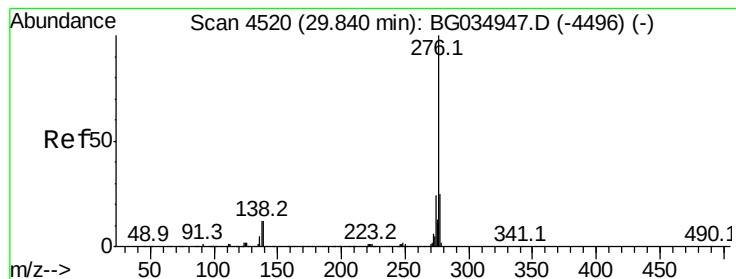


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.672 ng

RT: 29.78 min Scan# 4509

Delta R.T. -0.03 min

Lab File: BG035156.D

Acq: 15 Jun 2018 3:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1161412

Ion Ratio Lower Upper

276 100

277 24.2 18.3 27.5

138 12.2 13.9 20.9#

