

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033456.D
 Acq On : 30 Mar 2018 20:09
 Operator : SJ/JU
 Sample : J1749-08MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 31 01:23:15 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	35778	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	164811	20.00	ng	-0.01
38) Acenaphthene-d10	15.49	164	130211	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	352982	20.00	ng	0.00
75) Chrysene-d12	22.56	240	354293	20.00	ng	0.00
86) Perylene-d12	26.33	264	389167	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	316385	165.82	ng	0.00
7) Phenol-d6	7.99	99	462277	141.01	ng	0.00
23) Nitrobenzene-d5	10.07	82	346735	96.66	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	305559	156.90	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	871225	96.59	ng	0.00
78) Terphenyl-d14	20.73	244	1627259	98.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.93	88	36083	37.238	ng	# 85
3) Pyridine	4.40	79	73986	27.621	ng	93
4) n-Nitrosodimethylamine	4.30	42	53310	48.497	ng	# 88
6) Aniline	8.16	93	79015	20.495	ng	# 95
8) 2-Chlorophenol	8.42	128	124551	57.099	ng	98
9) Benzaldehyde	7.97	77	47062	22.589	ng	92
10) Phenol	8.01	94	160889	49.706	ng	87
11) bis(2-Chloroethyl)ether	8.25	93	122493	46.364	ng	99
12) 1,3-Dichlorobenzene	8.75	146	124354	43.605	ng	95
13) 1,4-Dichlorobenzene	8.90	146	121988	42.712	ng	97
14) 1,2-Dichlorobenzene	9.23	146	125935	45.179	ng	95
15) Benzyl Alcohol	9.11	79	146192	56.637	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	210937	48.976	ng	89
17) 2-Methylphenol	9.31	107	116526	52.846	ng	94
18) Hexachloroethane	9.99	117	50364	45.690	ng	90
19) n-Nitroso-di-n-propylamine	9.68	70	120638	50.218	ng	97
20) 3+4-Methylphenols	9.65	107	164442	52.378	ng	91
22) Acetophenone	9.70	105	216246	47.892	ng	# 97
24) Nitrobenzene	10.11	77	181617	47.301	ng	95
25) Isophorone	10.63	82	365381	52.480	ng	97
26) 2-Nitrophenol	10.84	139	75551	51.973	ng	# 86
27) 2,4-Dimethylphenol	10.87	122	134150	63.526	ng	93
28) bis(2-Chloroethoxy)methane	11.11	93	184527	53.120	ng	96
29) 2,4-Dichlorophenol	11.39	162	149472	57.555	ng	97
30) 1,2,4-Trichlorobenzene	11.60	180	151978	45.042	ng	94
31) Naphthalene	11.80	128	411344	48.164	ng	98
32) Benzoic acid	11.01	122	43271	22.042	ng	95
33) 4-Chloroaniline	11.90	127	64062	16.742	ng	# 94
34) Hexachlorobutadiene	12.06	225	110047	43.128	ng	96
35) Caprolactam	12.64	113	42019	41.300	ng	92
36) 4-Chloro-3-methylphenol	12.97	107	198579	58.626	ng	90
37) 2-Methylnaphthalene	13.35	142	332191	50.112	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	215727	45.738	ng	99
40) Hexachlorocyclopentadiene	13.68	237	261856	94.704	ng	92

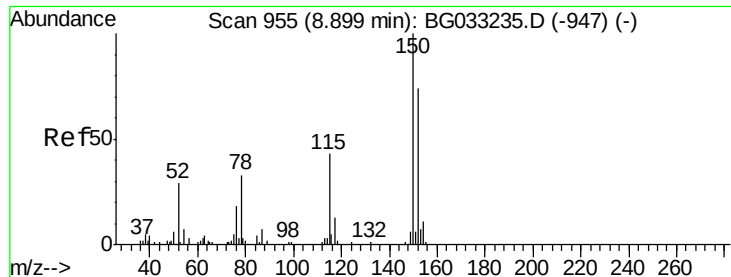
Data Path : Z:\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033456.D
 Acq On : 30 Mar 2018 20:09
 Operator : SJ/JU
 Sample : J1749-08MSD
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Quant Time: Mar 31 01:23:15 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	150361	54.869	nq	98
43) 2,4,5-Trichlorophenol	14.02	196	169858	52.440	nq	94
45) 1,1'-Biphenyl	14.32	154	470110	46.993	nq	98
46) 2-Chloronaphthalene	14.38	162	360219	46.700	nq	97
47) 2-Nitroaniline	14.58	65	154224	53.381	nq	95
48) Acenaphthylene	15.22	152	607211	47.161	nq	99
49) Dimethylphthalate	14.91	163	554976	48.975	nq	99
50) 2,6-Dinitrotoluene	15.04	165	120212	51.881	nq	96
51) Acenaphthene	15.54	154	434246	52.320	nq	98
52) 3-Nitroaniline	15.39	138	73542	30.274	nq	# 91
53) 2,4-Dinitrophenol	15.58	184	92682	77.505	nq	# 73
54) Dibenzofuran	15.88	168	609986	49.754	nq	91
55) 4-Nitrophenol	15.67	139	167563	98.096	nq	# 82
56) 2,4-Dinitrotoluene	15.82	165	176252	51.662	nq	97
57) Fluorene	16.52	166	517771	49.573	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	175593	57.584	nq	95
59) Diethylphthalate	16.25	149	553035	50.260	nq	96
60) 4-Chlorophenyl-phenylether	16.49	204	290338	48.357	nq	95
61) 4-Nitroaniline	16.54	138	122620	49.846	nq	# 84
62) Azobenzene	16.78	77	541100	50.764	nq	97
64) 4,6-Dinitro-2-methylphenol	16.58	198	84368	39.954	nq	98
65) n-Nitrosodiphenylamine	16.71	169	478970	47.530	nq	99
66) 4-Bromophenyl-phenylether	17.38	248	200699	48.414	nq	94
67) Hexachlorobenzene	17.51	284	200341	45.793	nq	95
68) Atrazine	17.62	200	206063	50.463	nq	97
69) Pentachlorophenol	17.85	266	251032	83.600	nq	97
70) Phenanthrene	18.26	178	878137	47.768	nq	98
71) Anthracene	18.35	178	917441	49.289	nq	99
72) Carbazole	18.61	167	777178	47.118	nq	96
73) Di-n-butylphthalate	19.10	149	927534	48.313	nq	# 98
74) Fluoranthene	20.21	202	1080256	47.486	nq	97
76) Benzidine	20.37	184	103636	10.787	nq	96
77) Pyrene	20.57	202	1085156	45.924	nq	98
79) Butylbenzylphthalate	21.42	149	422256	48.425	nq	98
80) Benzo(a)anthracene	22.54	228	1087535	48.207	nq	99
81) 3,3'-Dichlorobenzidine	22.43	252	271777	33.854	nq	98
82) Chrysene	22.62	228	1029877	47.160	nq	96
83) Bis(2-ethylhexyl)phthalate	22.36	149	590208	49.101	nq	97
84) Di-n-octyl phthalate	23.75	149	1020478	55.448	nq	98
85) Indeno(1,2,3-cd)pyrene	30.71	276	1250311	52.955	nq	# 91
87) Benzo(b)fluoranthene	25.12	252	1091208	48.533	nq	# 96
88) Benzo(k)fluoranthene	25.12	252	1091208	47.986	nq	99
89) Benzo(a)pyrene	26.15	252	1068126	49.468	nq	# 98
90) Dibenzo(a,h)anthracene	30.78	278	1044960	51.377	nq	# 97
91) Benzo(g,h,i)perylene	32.10	276	1022182	50.753	nq	# 94

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

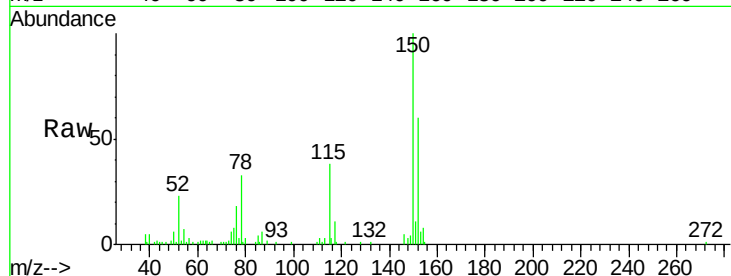


#1

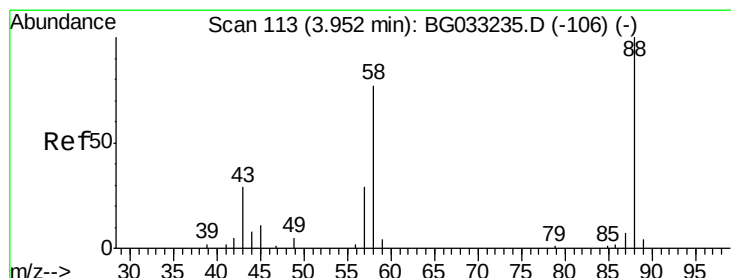
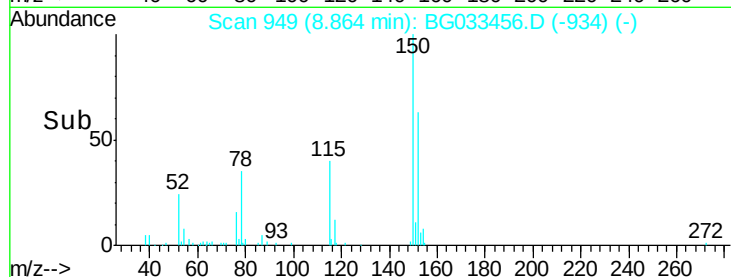
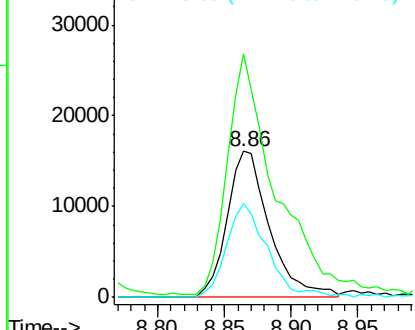
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35778
Ion Ratio Lower Upper
152 100
150 166.5 126.6 189.8
115 63.9 53.0 79.4



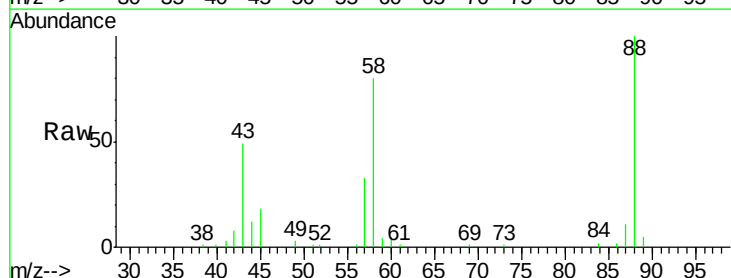
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



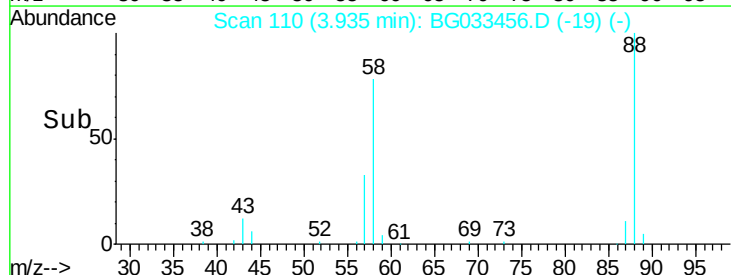
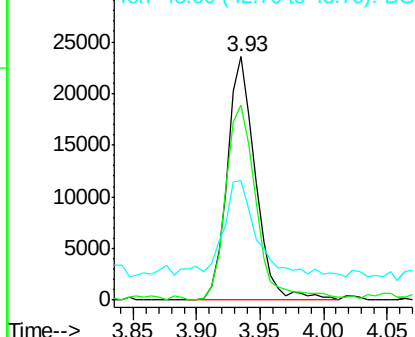
#2

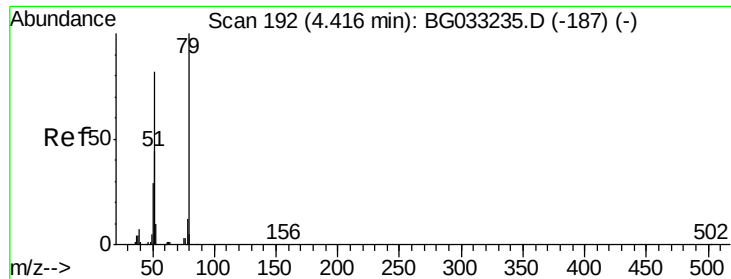
1,4-Dioxane
Concen: 37.238 ng
RT: 3.93 min Scan# 110
Delta R.T. 0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion: 88 Resp: 36083
Ion Ratio Lower Upper
88 100
58 87.7 79.6 119.4
43 47.5 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: 27.621 ng

RT: 4.40 min Scan# 189

Delta R.T. 0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampleId :

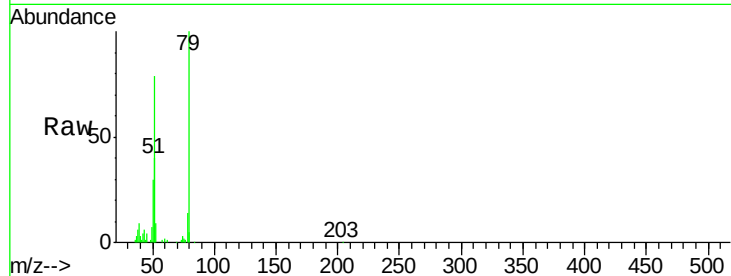
Tot Ion: 79 Resp: 73986

Ion Ratio Lower Upper

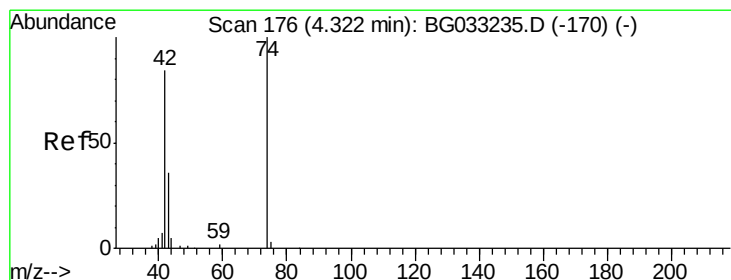
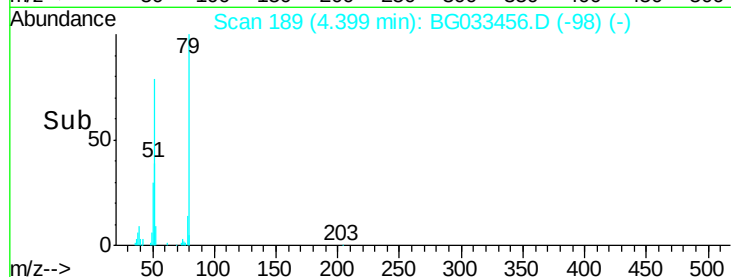
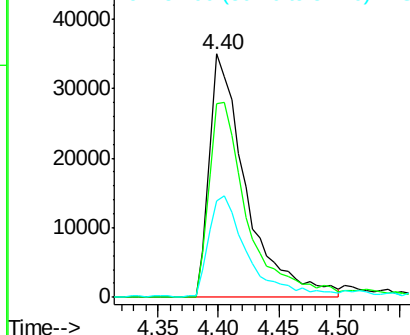
79 100

52 79.4 69.9 104.9

51 39.7 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: 48.497 ng

RT: 4.30 min Scan# 172

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

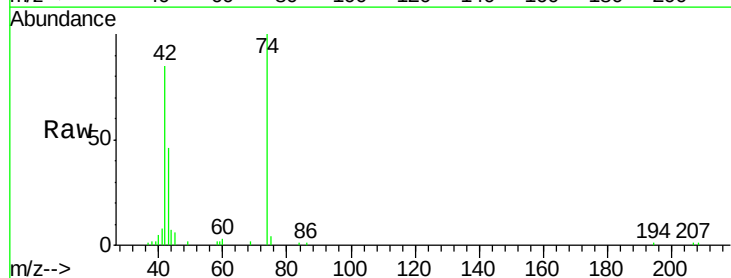
Tgt Ion: 42 Resp: 53310

Ion Ratio Lower Upper

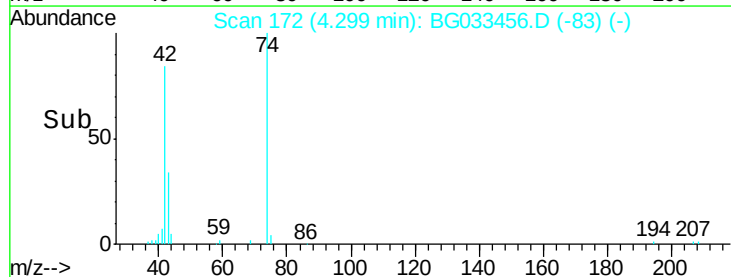
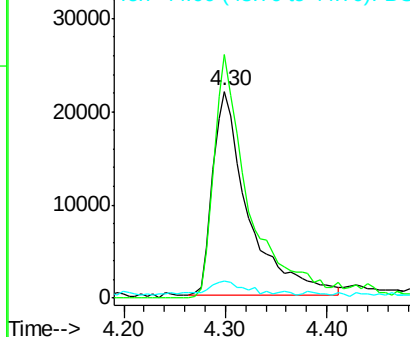
42 100

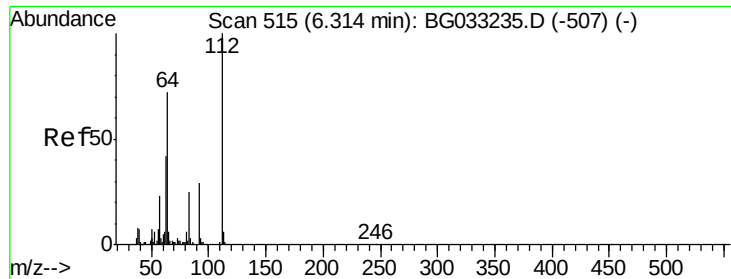
74 117.7 102.5 153.7

44 8.4 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: 165.817 ng

RT: 6.30 min Scan# 512

Delta R.T. 0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampleId :

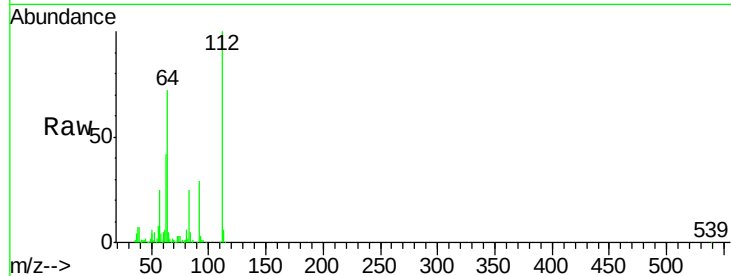
Tot Ion:112 Resp: 316385

Ion Ratio Lower Upper

112 100

64 71.9 56.3 84.5

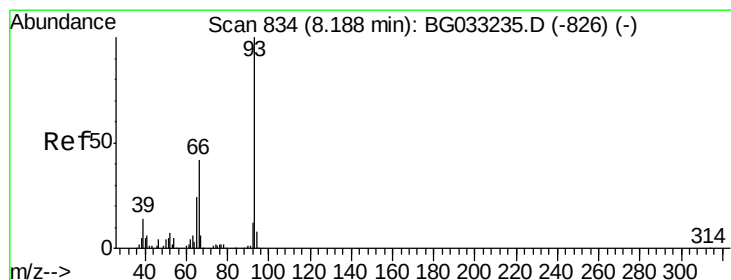
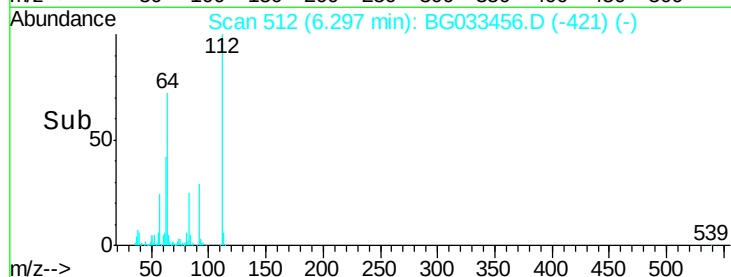
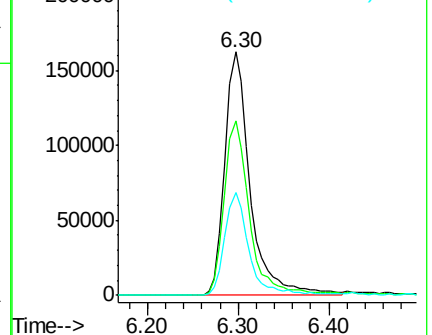
63 42.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.495 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

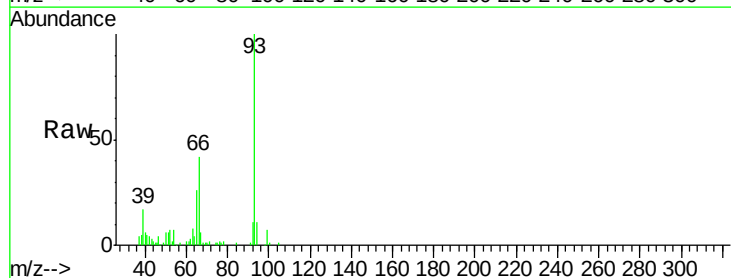
Tgt Ion: 93 Resp: 79015

Ion Ratio Lower Upper

93 100

66 42.4 33.7 50.5

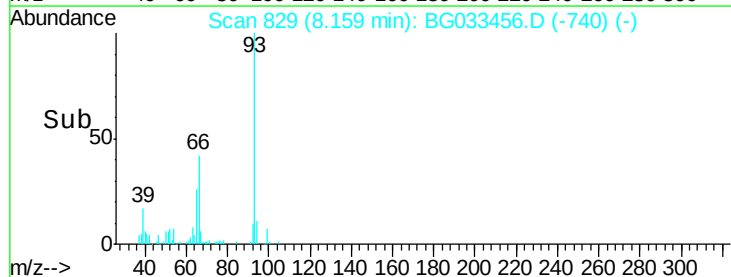
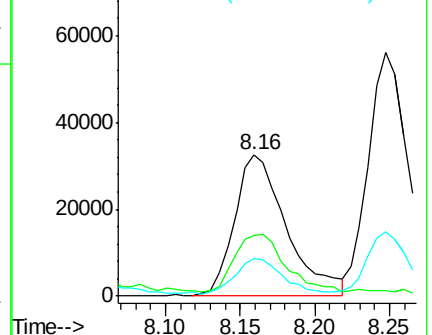
65 26.3 16.1 24.1#

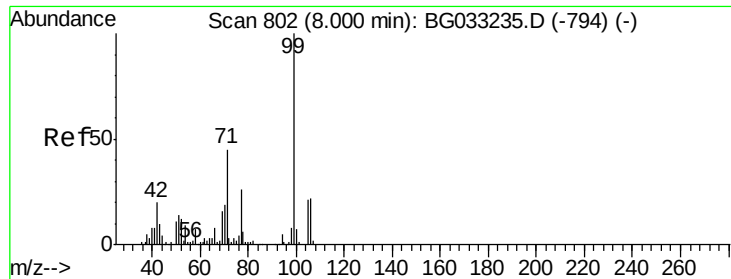


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.007 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampled :

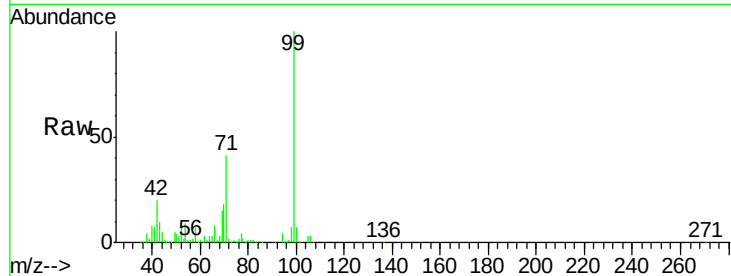
Tot Ion: 99 Resp: 462277

Ion Ratio Lower Upper

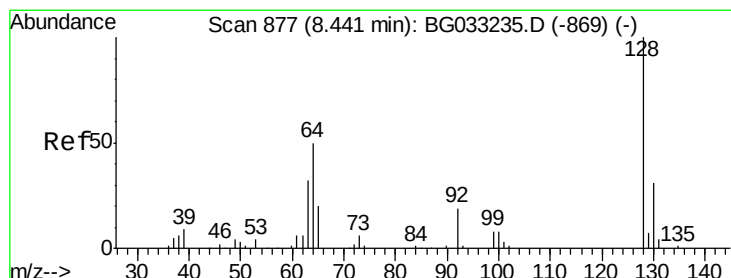
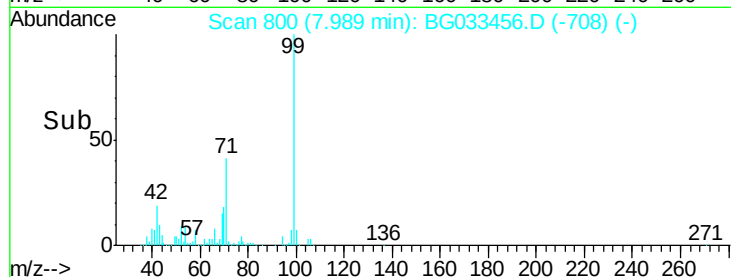
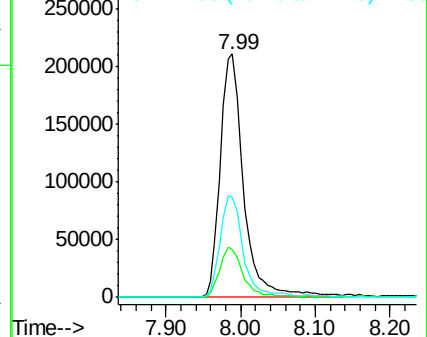
99 100

42 19.6 14.1 21.1

71 41.3 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: 57.099 ng

RT: 8.42 min Scan# 873

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

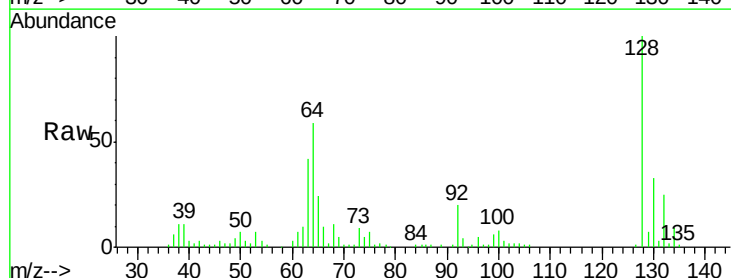
Tgt Ion:128 Resp: 124551

Ion Ratio Lower Upper

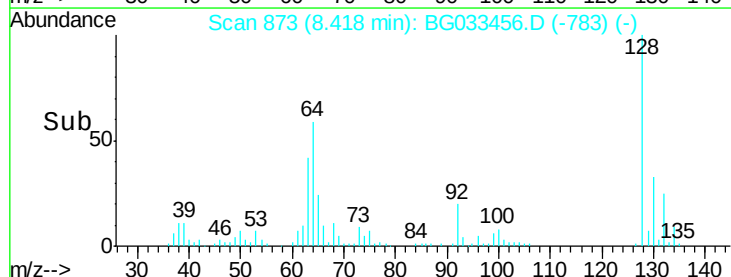
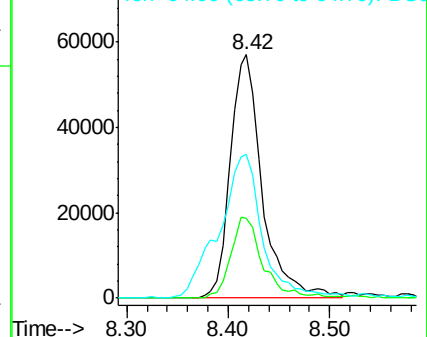
128 100

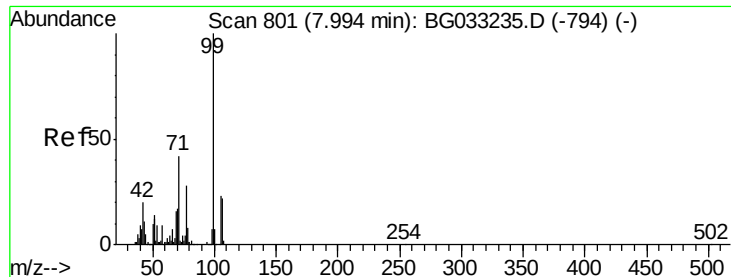
130 32.7 14.0 54.0

64 59.3 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: 22.589 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampled :

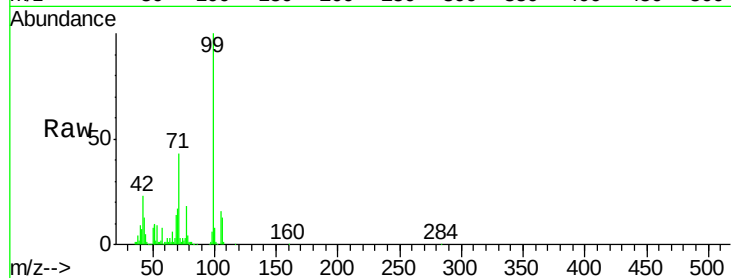
Tot Ion: 77 Resp: 47062

Ion Ratio Lower Upper

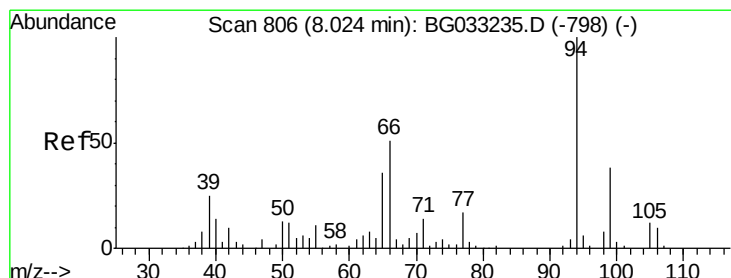
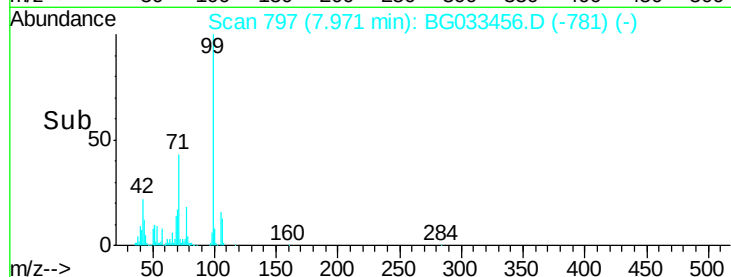
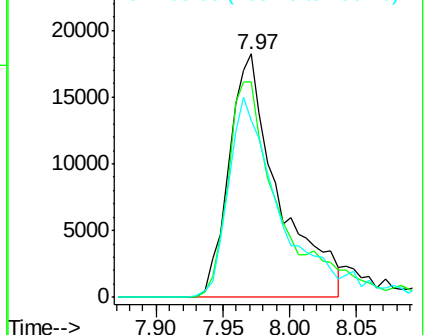
77 100

105 88.7 71.3 111.3

106 72.5 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: 49.706 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

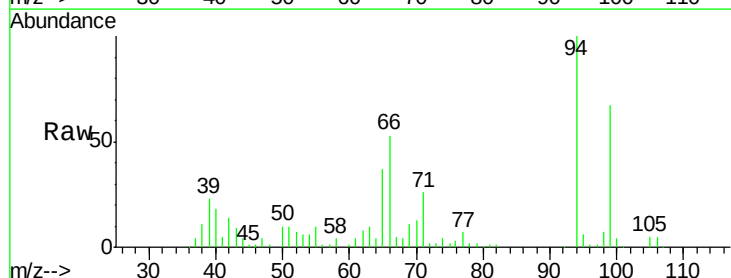
Tgt Ion: 94 Resp: 160889

Ion Ratio Lower Upper

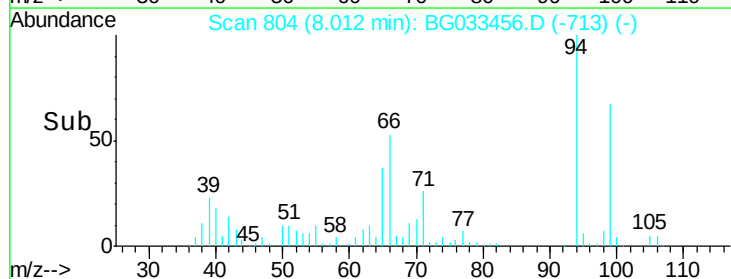
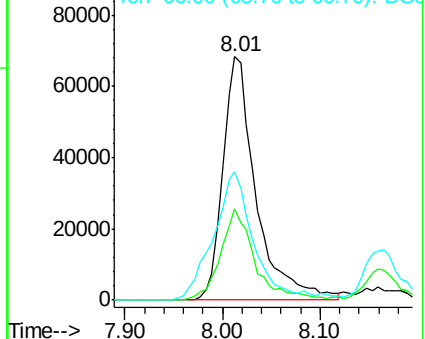
94 100

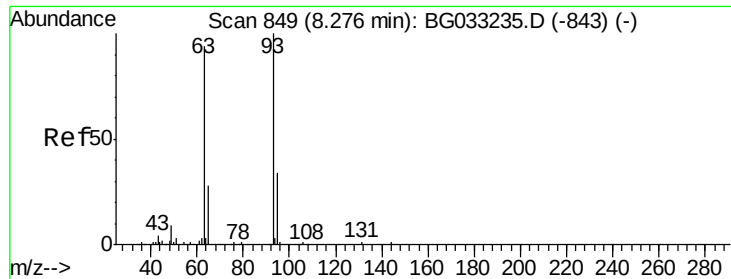
65 37.3 11.9 51.9

66 52.5 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

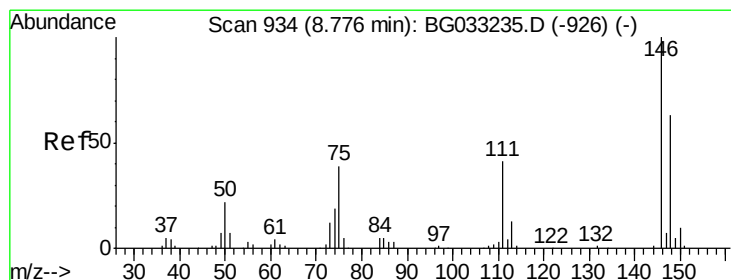
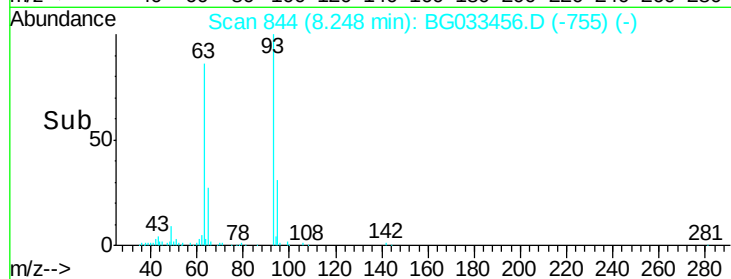
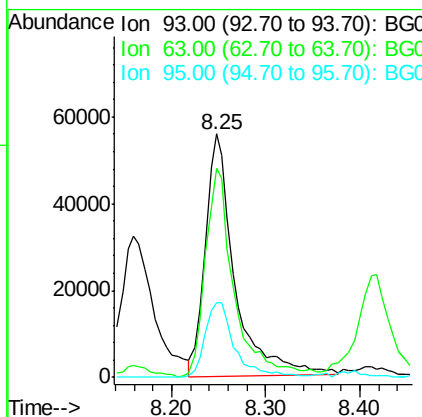
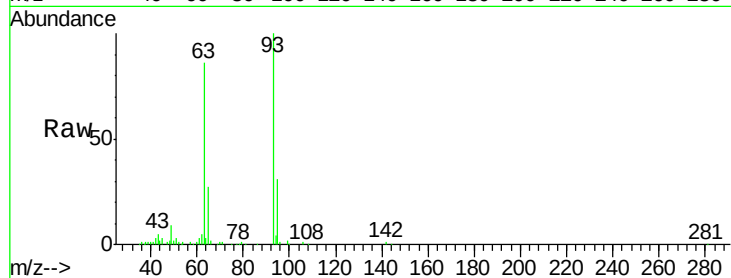




#11
bis(2-Chloroethyl)ether
Concen: 46.364 ng
RT: 8.25 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

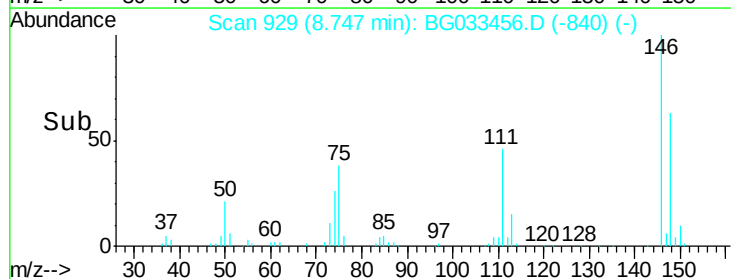
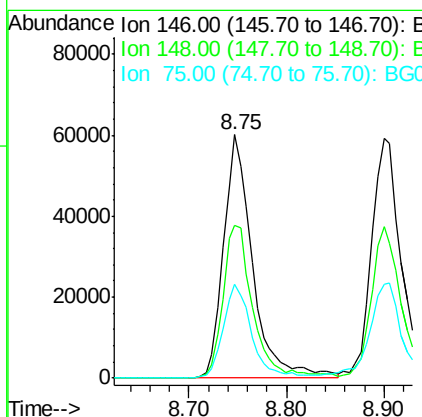
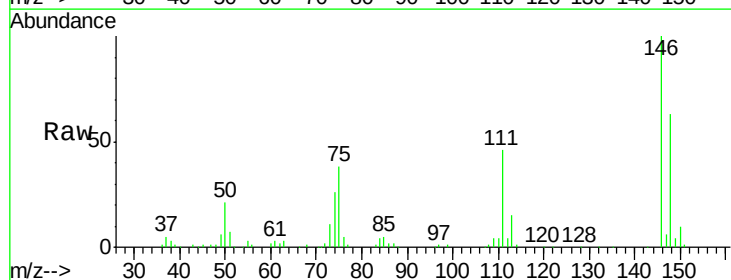
Instrument :
BNA_G
ClientSampleId :

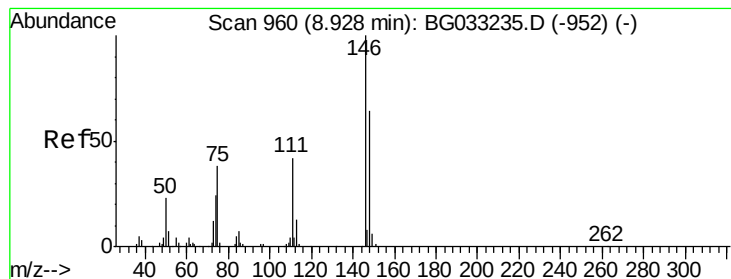
Tot Ion: 93 Resp: 122493
Ion Ratio Lower Upper
93 100
63 86.0 67.1 107.1
95 30.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 43.605 ng
RT: 8.75 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion: 146 Resp: 124354
Ion Ratio Lower Upper
146 100
148 62.6 51.4 77.2
75 38.3 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 42.712 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampleId :

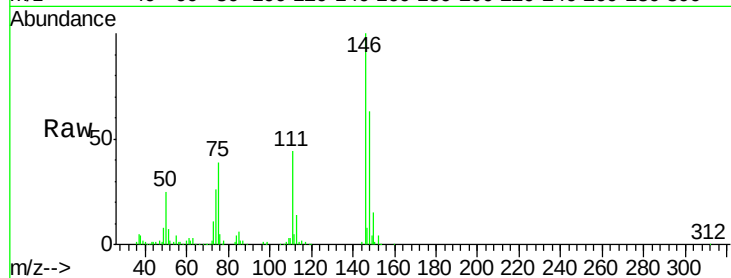
Tot Ion:146 Resp: 121988

Ion Ratio Lower Upper

146 100

148 63.3 53.7 80.5

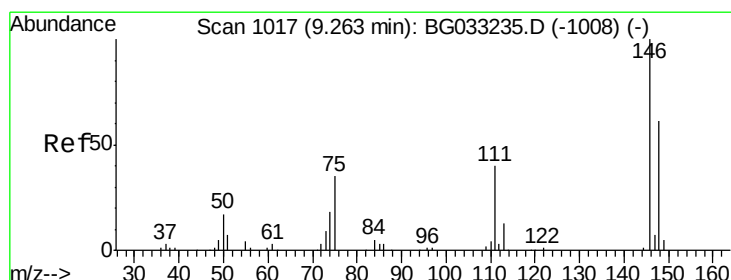
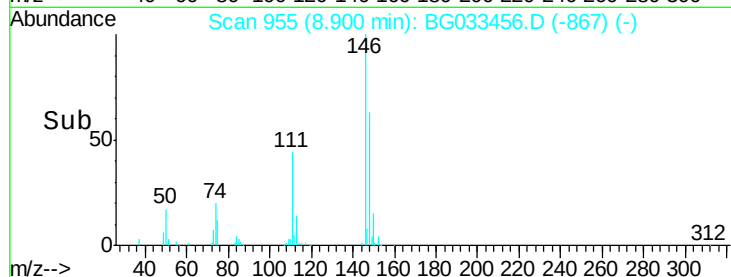
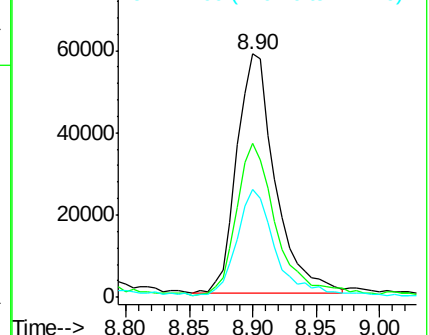
111 44.3 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.179 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

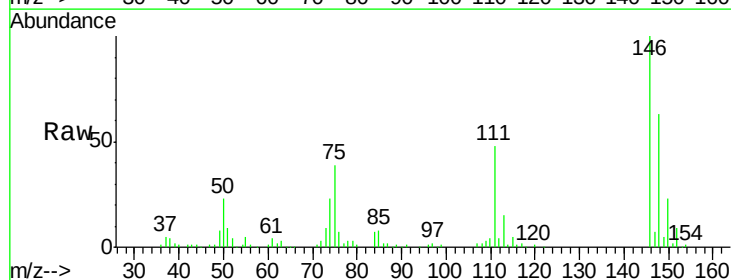
Tgt Ion:146 Resp: 125935

Ion Ratio Lower Upper

146 100

148 63.5 49.3 73.9

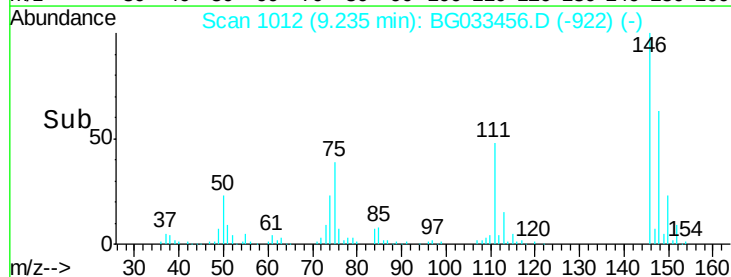
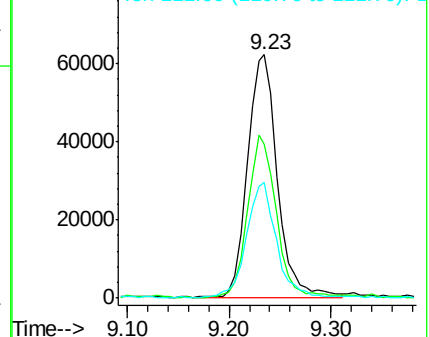
111 47.7 34.3 51.5

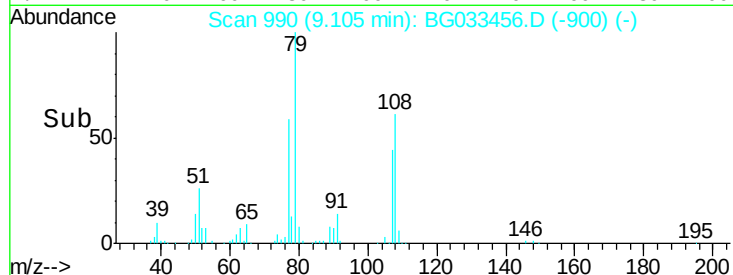
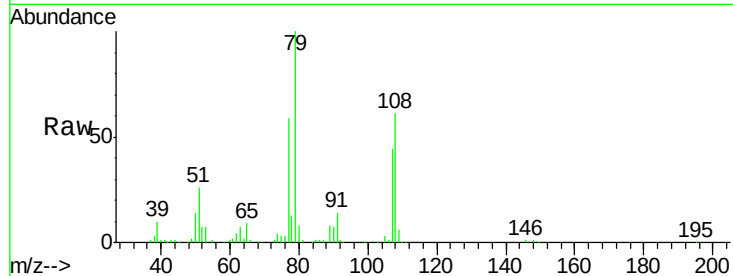
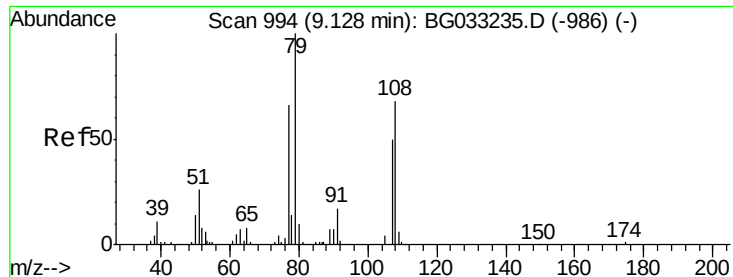


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

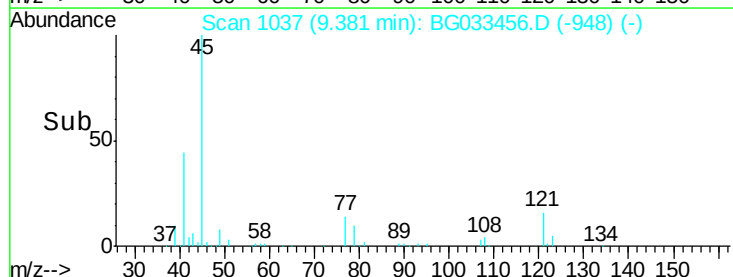
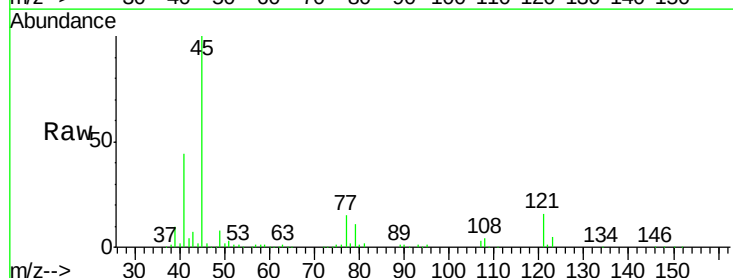
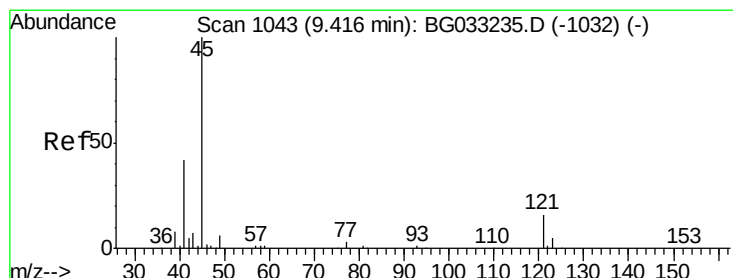
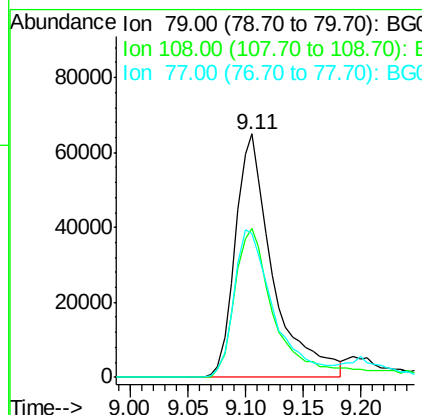




#15
Benzyl Alcohol
Concen: 56.637 ng
RT: 9.11 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

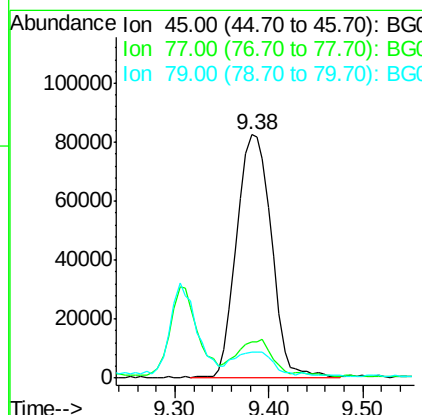
Instrument :
BNA_G
ClientSampled :

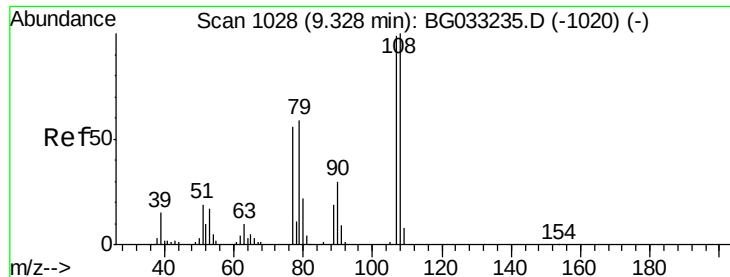
Tot Ion: 79 Resp: 146192
Ion Ratio Lower Upper
79 100
108 61.0 57.2 85.8
77 59.0 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.976 ng
RT: 9.38 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion: 45 Resp: 210937
Ion Ratio Lower Upper
45 100
77 14.9 0.0 30.2
79 10.7 0.0 27.9

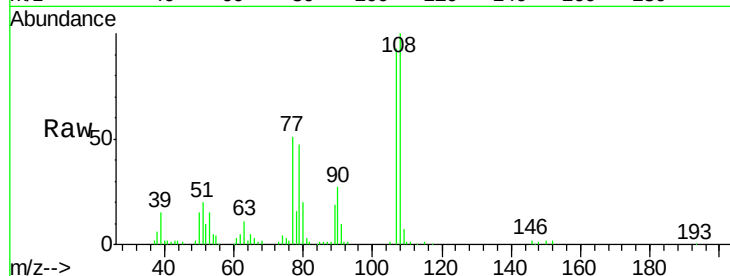




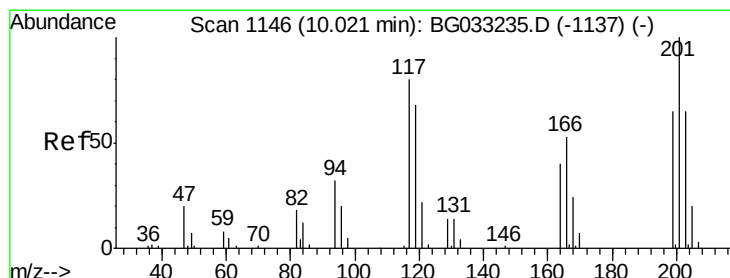
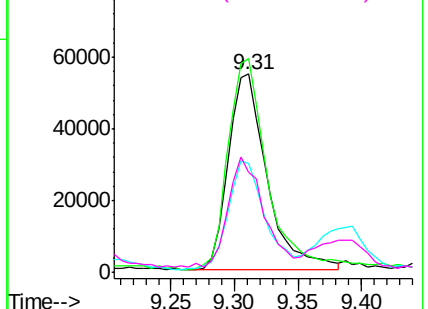
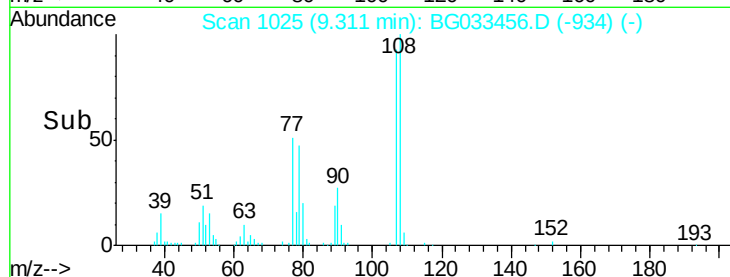
#17
2-Methylphenol
Concen: 52.846 ng
RT: 9.31 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 116526
Ion Ratio Lower Upper
107 100
108 107.9 83.9 125.9
77 55.2 37.2 55.8
79 50.3 36.2 54.2

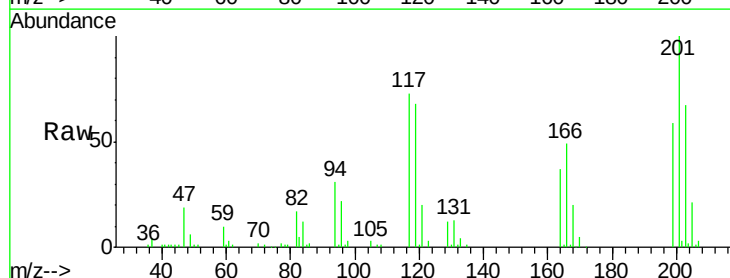


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

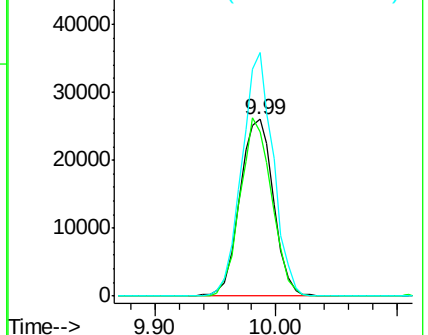
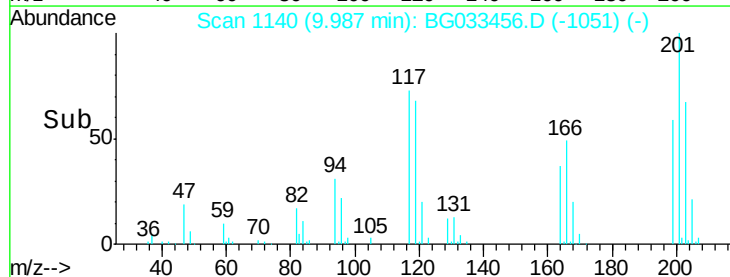


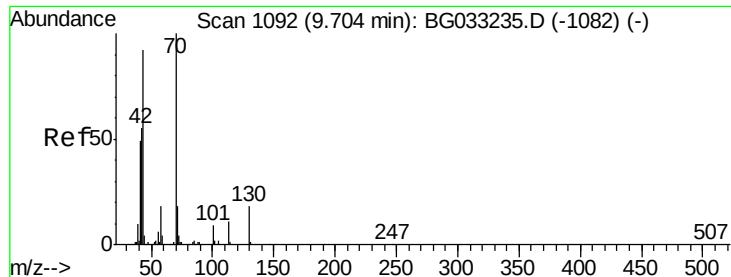
#18
Hexachloroethane
Concen: 45.690 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion:117 Resp: 50364
Ion Ratio Lower Upper
117 100
119 93.1 76.7 115.1
201 137.7 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

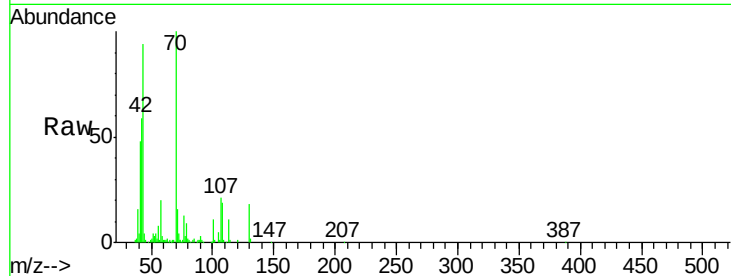




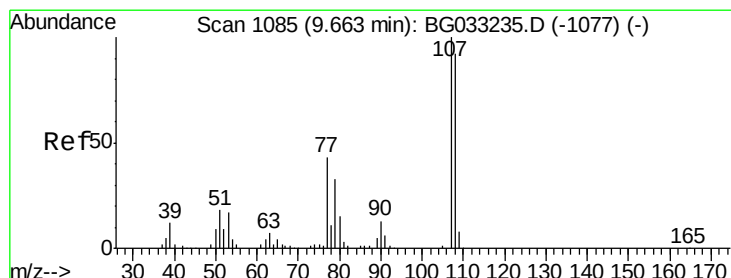
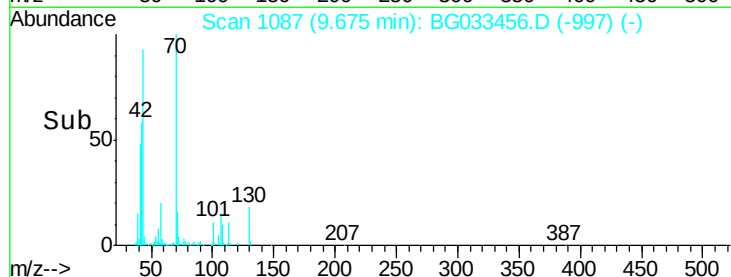
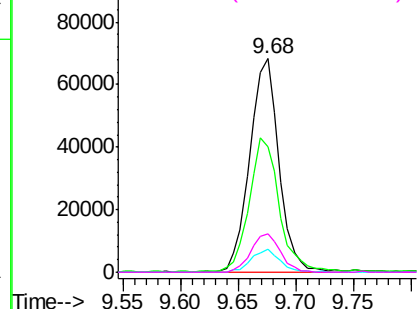
#19
n-Nitroso-di-n-propylamine
Concen: 50.218 ng
RT: 9.68 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	120638
Ion	Ratio	Lower	Upper
70	100		
42	58.6	49.1	73.7
101	10.7	8.5	12.7
130	17.9	13.4	20.0

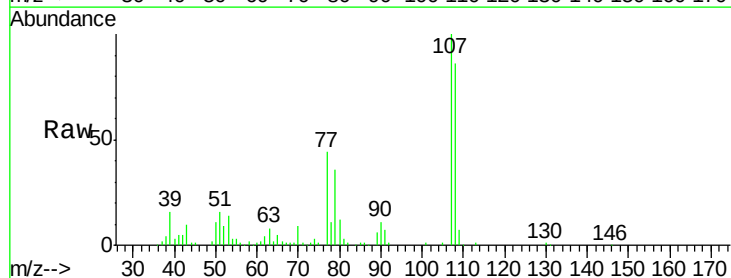


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

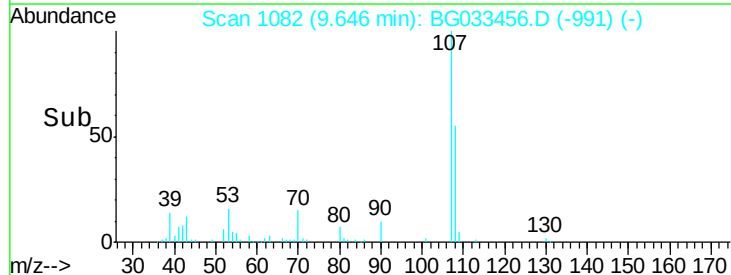
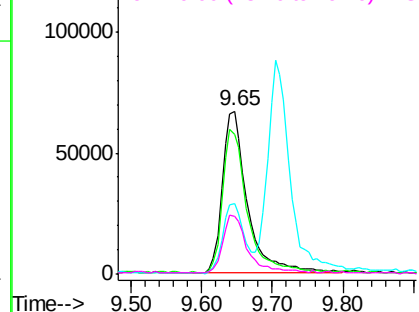


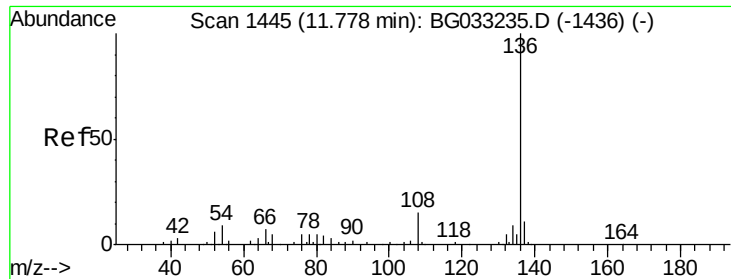
#20
3+4-Methylphenols
Concen: 52.378 ng
RT: 9.65 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion:	107	Resp:	164442
Ion	Ratio	Lower	Upper
107	100		
108	86.0	61.6	101.6
77	43.7	13.9	53.9
79	35.7	8.8	48.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 164811

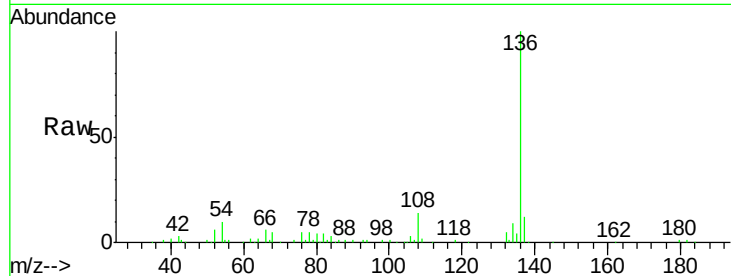
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 10.1 10.3 15.5#

68 5.4 4.5 6.7

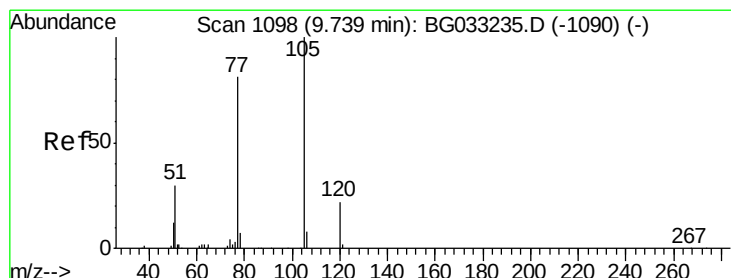
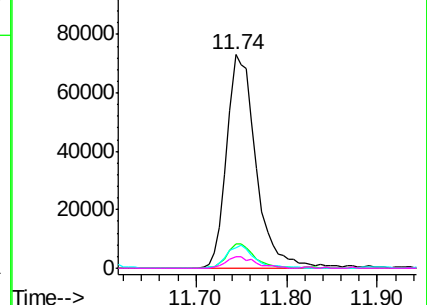
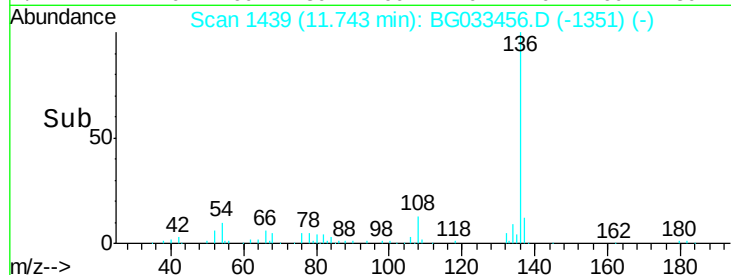


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.892 ng

RT: 9.70 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Tgt Ion:105 Resp: 216246

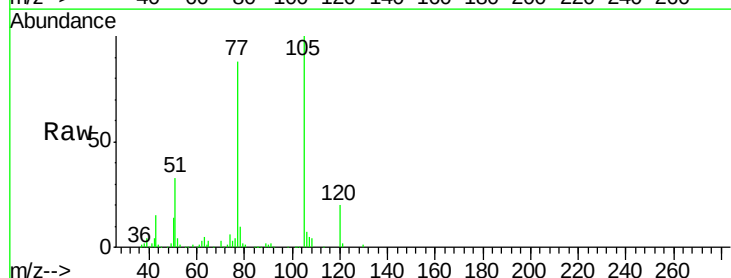
Ion Ratio Lower Upper

105 100

71 0.4 3.0 4.4#

51 32.9 26.1 39.1

120 19.7 17.4 26.2

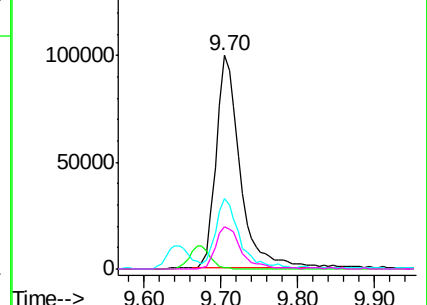
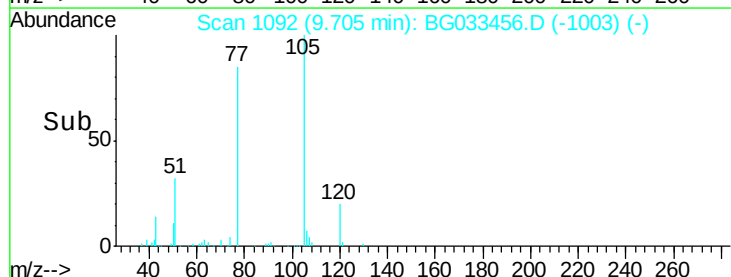


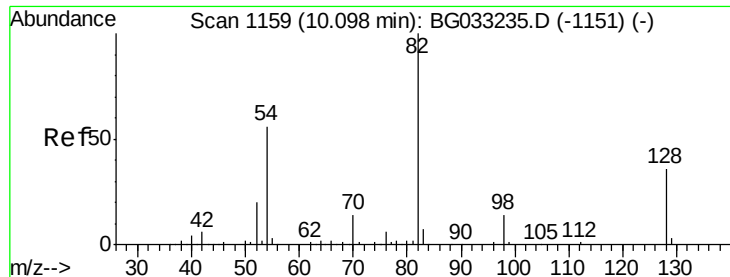
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 96.659 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampled :

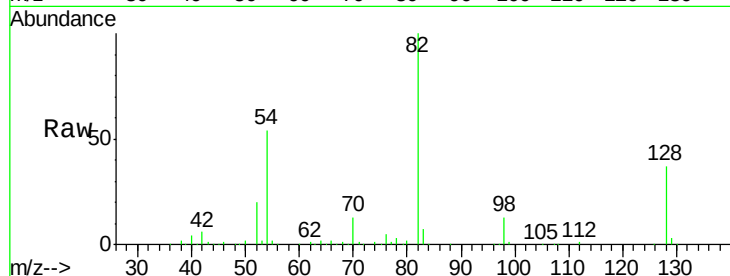
Tot Ion: 82 Resp: 346735

Ion Ratio Lower Upper

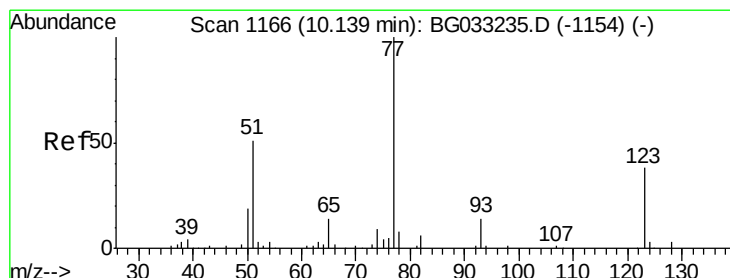
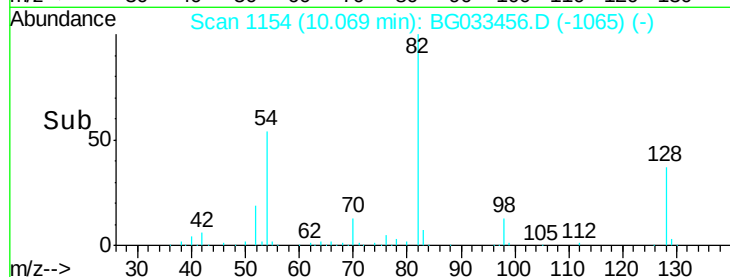
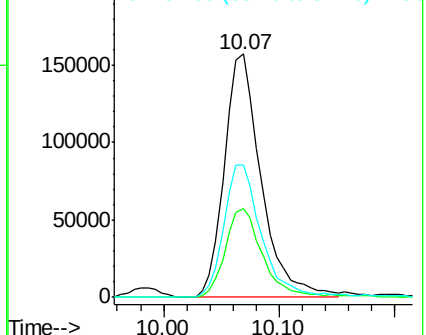
82 100

128 36.7 29.7 44.5

54 54.4 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: 47.301 ng

RT: 10.11 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

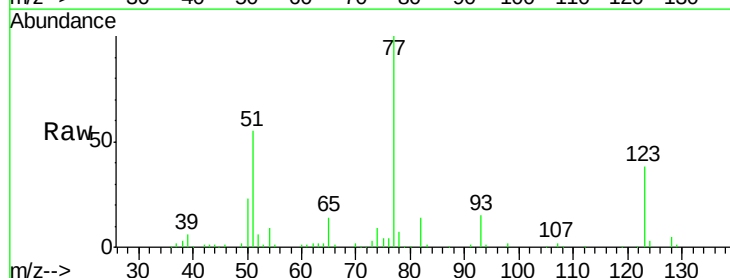
Tgt Ion: 77 Resp: 181617

Ion Ratio Lower Upper

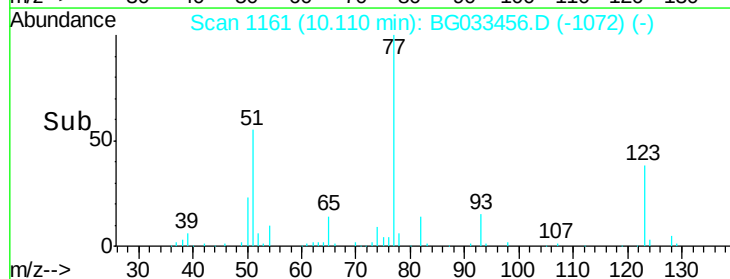
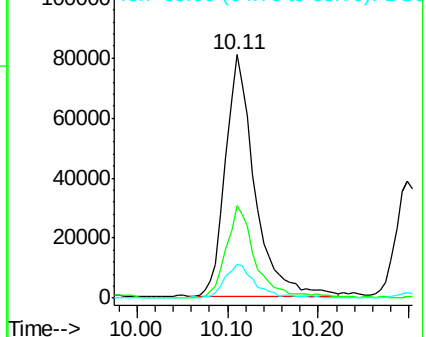
77 100

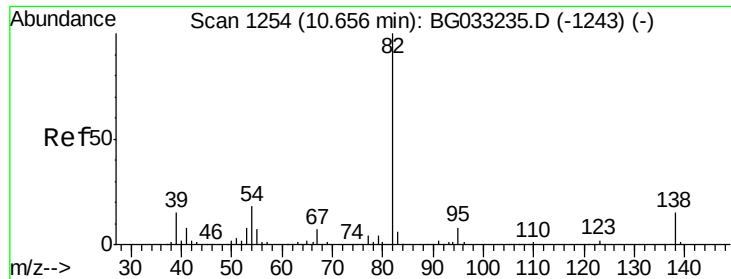
123 38.2 33.0 49.6

65 13.7 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: 52.480 ng

RT: 10.63 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampled :

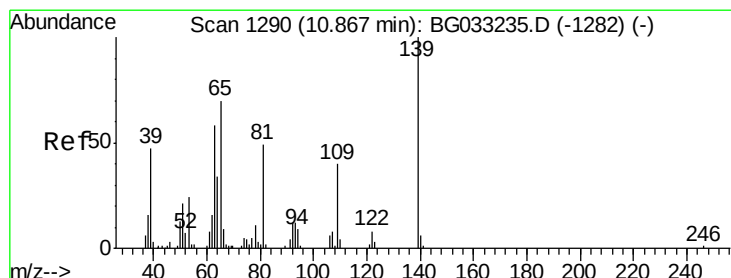
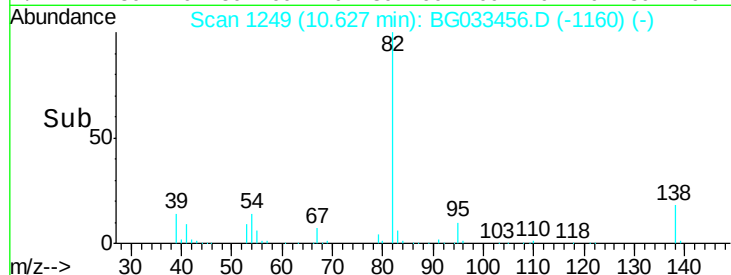
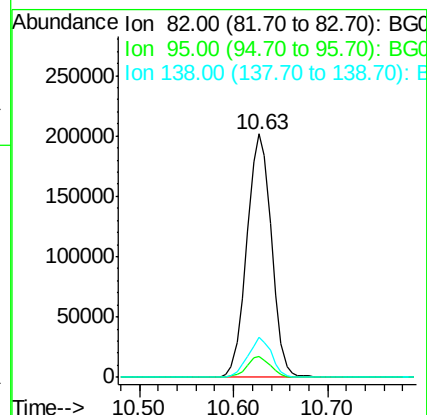
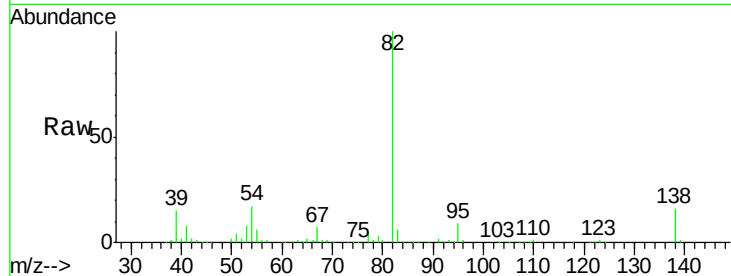
Tot Ion: 82 Resp: 365381

Ion Ratio Lower Upper

82 100

95 8.8 6.2 9.2

138 16.5 12.1 18.1



#26

2-Nitrophenol

Concen: 51.973 ng

RT: 10.84 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

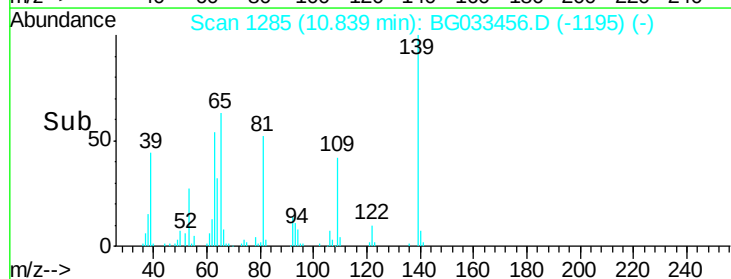
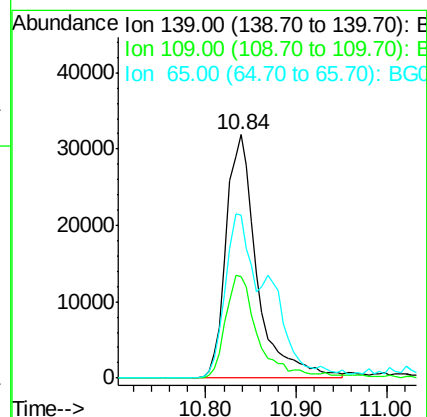
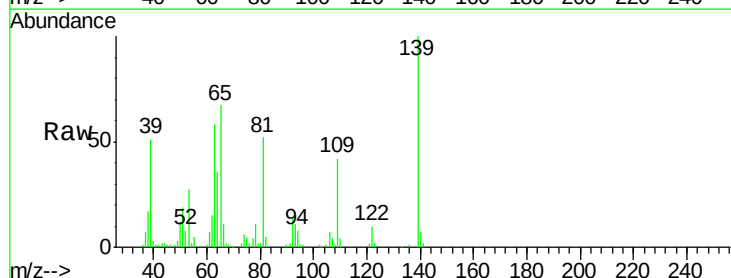
Tgt Ion: 139 Resp: 75551

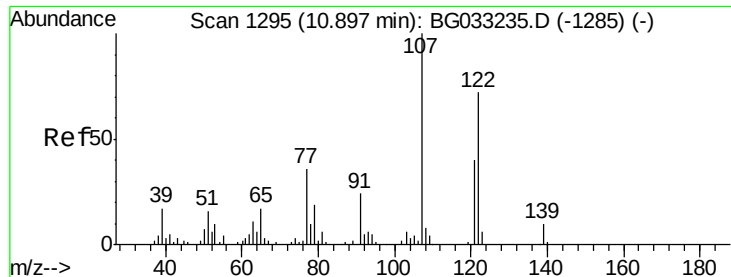
Ion Ratio Lower Upper

139 100

109 41.7 24.2 36.2#

65 66.9 47.4 71.0

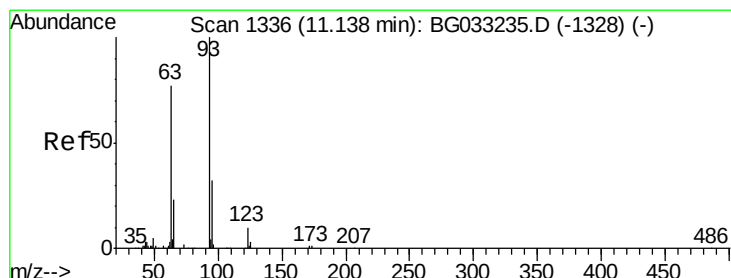
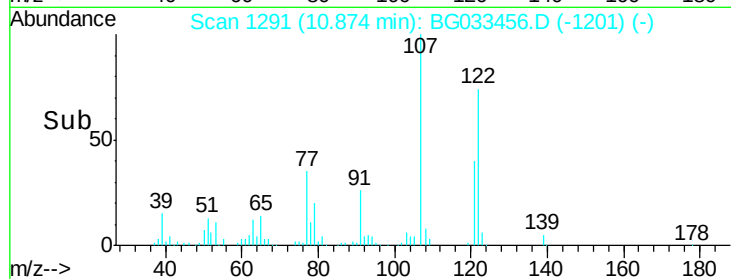
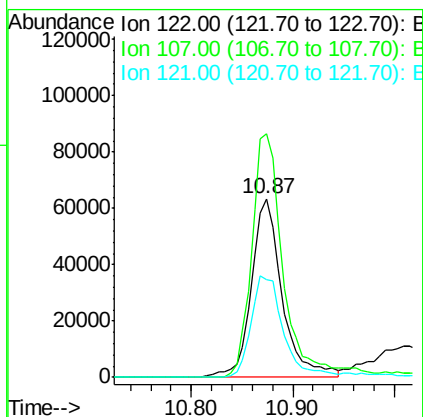
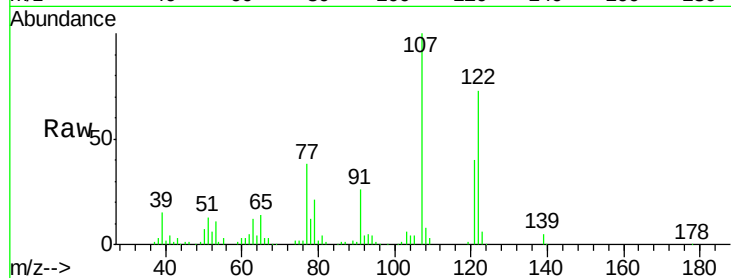




#27
 2,4-Dimethylphenol
 Concen: 63.526 ng
 RT: 10.87 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG033456.D
 Acq: 30 Mar 2018 20:09

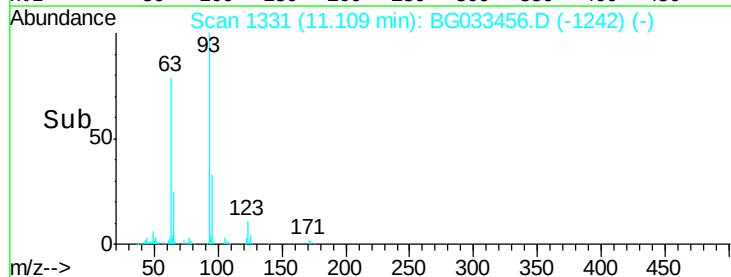
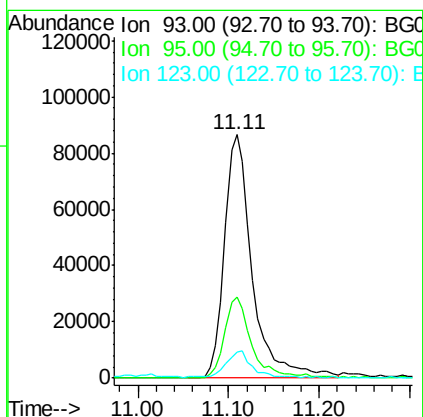
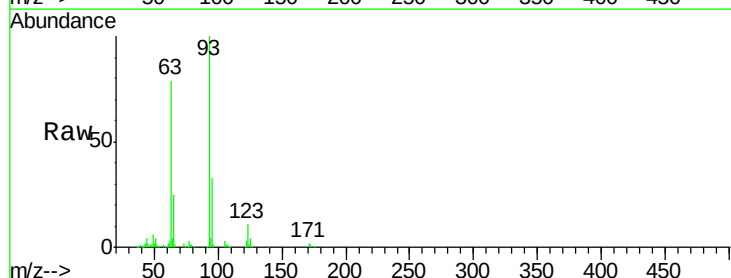
Instrument :
 BNA_G
 ClientSampled :

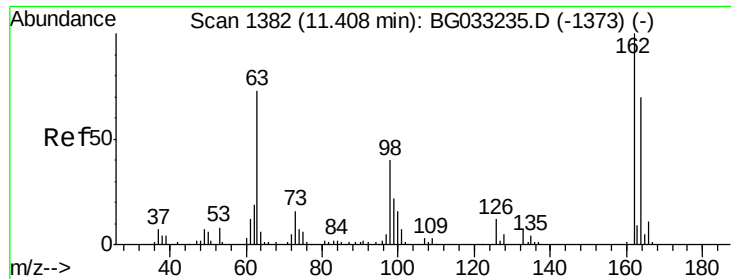
Tot Ion	Ratio	Lower	Upper
122	100		
107	136.3	100.2	150.2
121	54.9	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.120 ng
 RT: 11.11 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BG033456.D
 Acq: 30 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.3	36.5
123	10.6	8.4	12.6

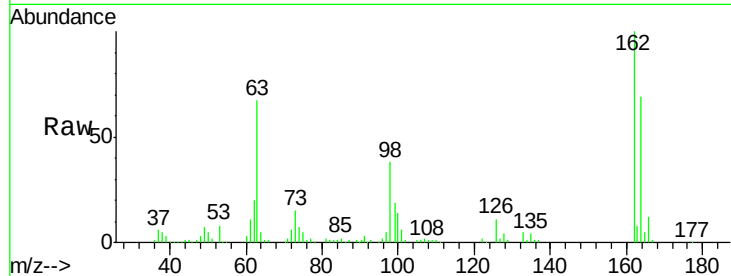




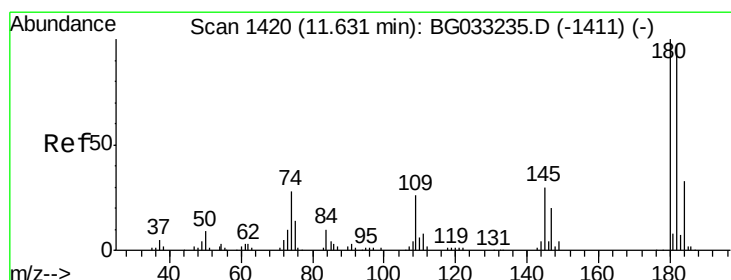
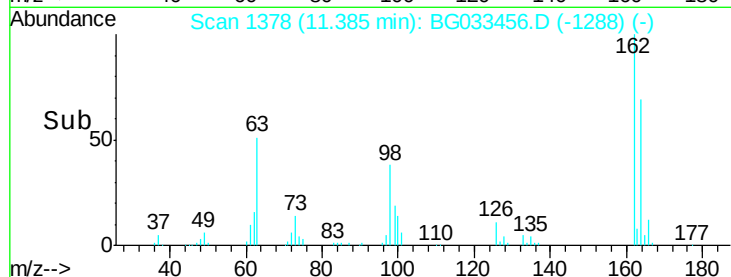
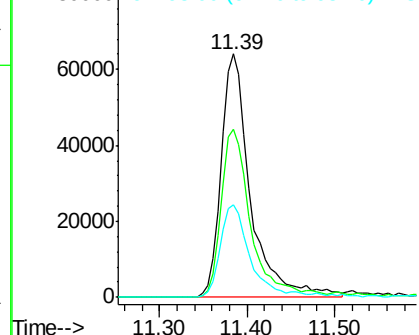
#29
2,4-Dichlorophenol
Concen: 57.555 ng
RT: 11.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 149472
Ion Ratio Lower Upper
162 100
164 68.8 48.0 88.0
98 38.0 21.1 61.1

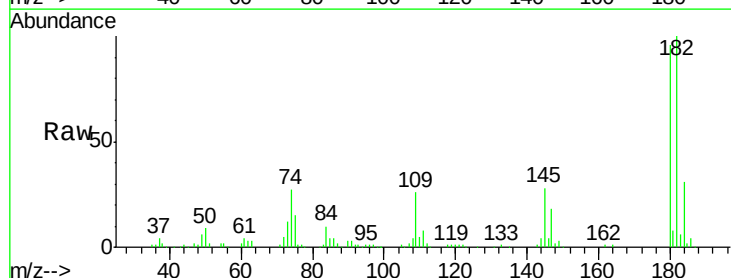


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

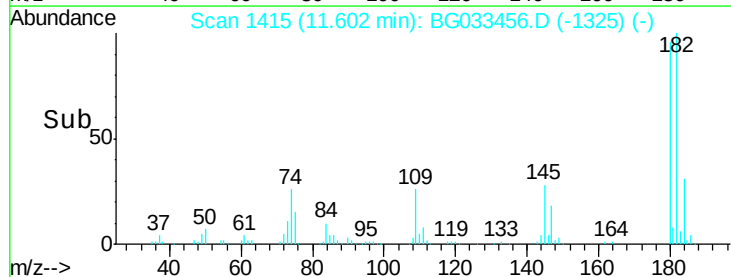
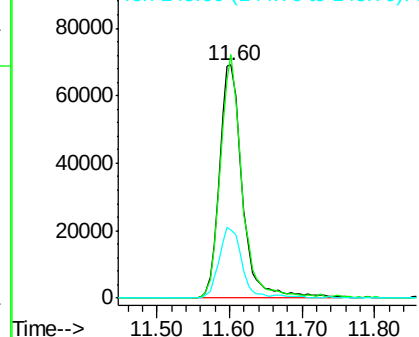


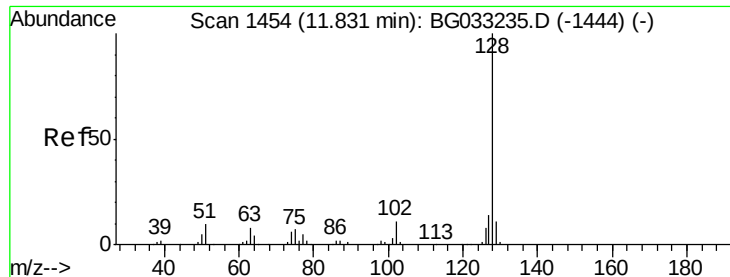
#30
1,2,4-Trichlorobenzene
Concen: 45.042 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion:180 Resp: 151978
Ion Ratio Lower Upper
180 100
182 104.5 77.5 116.3
145 29.1 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

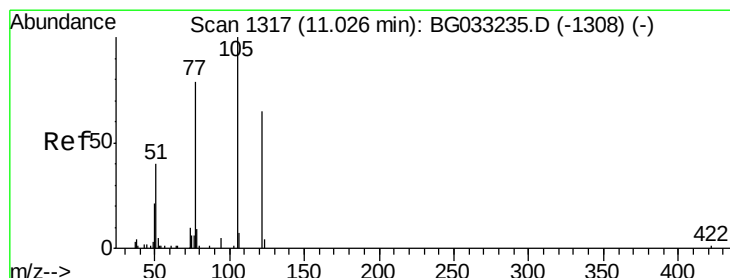
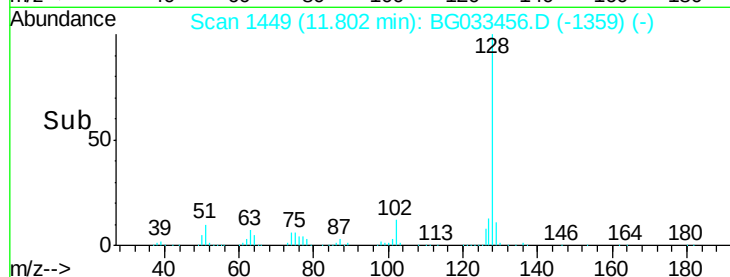
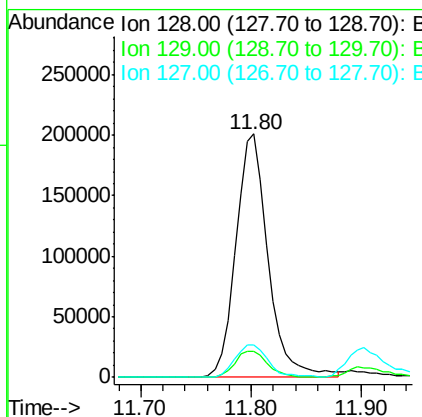
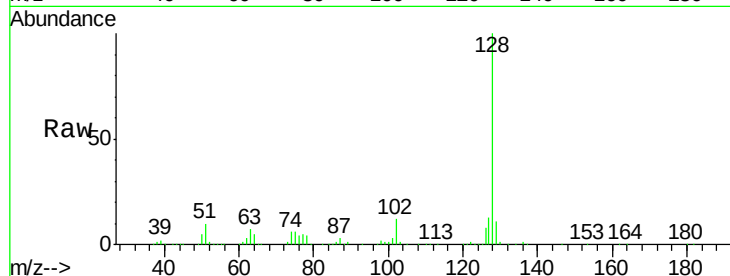




#31
Naphthalene
Concen: 48.164 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

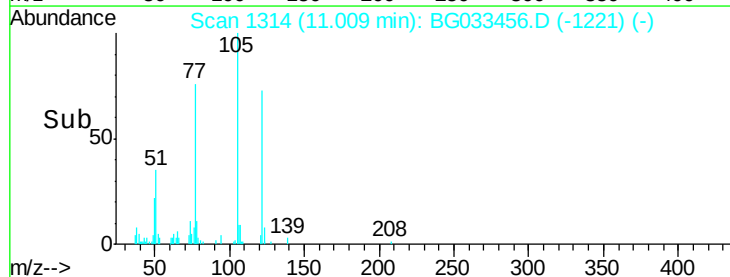
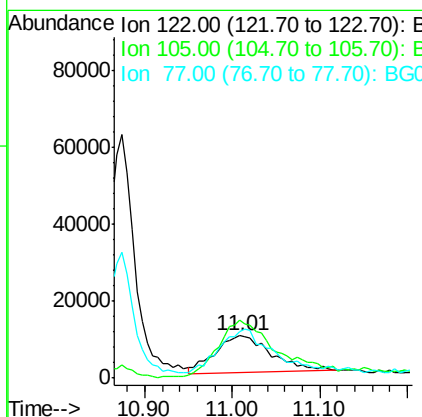
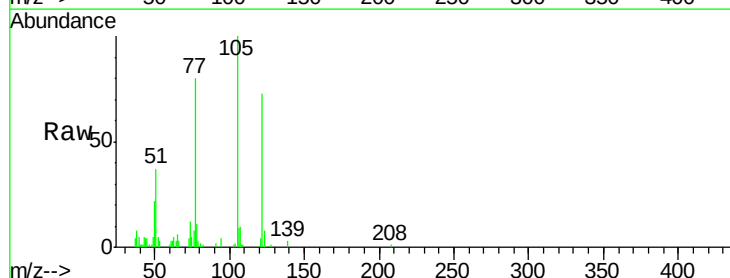
Instrument :
BNA_G
ClientSampleId :

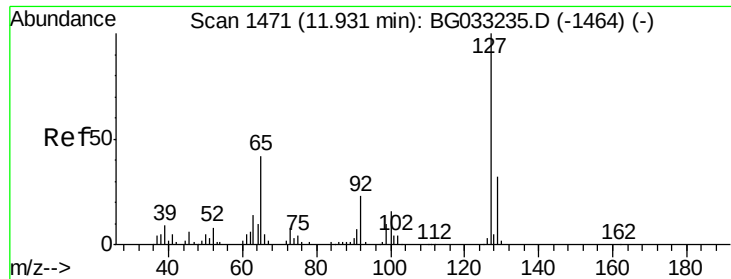
Tot Ion:128 Resp: 411344
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.1 11.6 17.4



#32
Benzoic acid
Concen: 22.042 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion:122 Resp: 43271
Ion Ratio Lower Upper
122 100
105 137.6 123.5 163.5
77 110.2 85.7 125.7

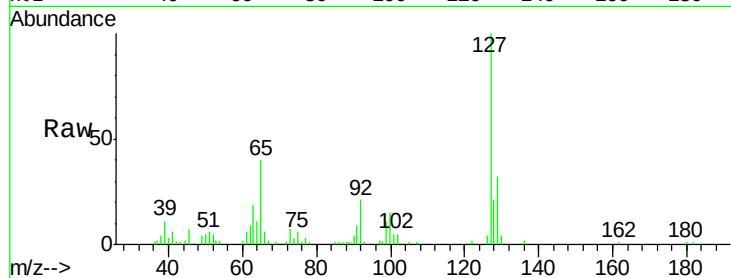




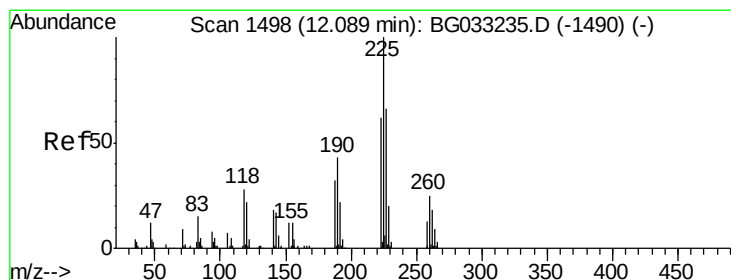
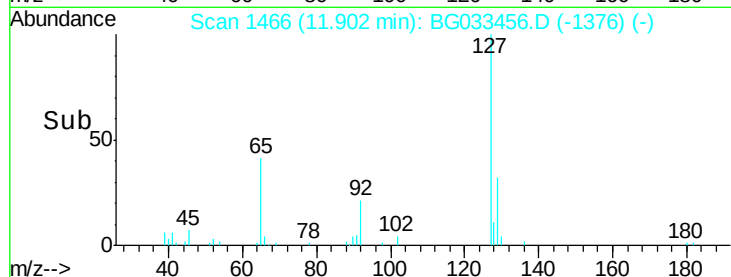
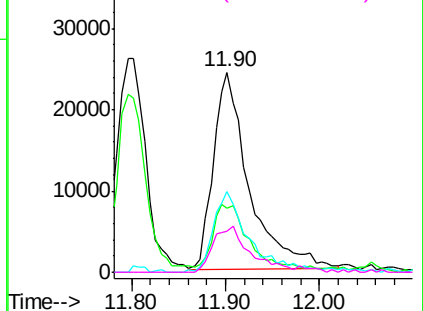
#33
4-Chloroaniline
Concen: 16.742 ng
RT: 11.90 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp: 64062
Ion Ratio	Lower Upper
127 100	
129 32.3	24.0 36.0
65 40.4	27.0 40.4#
92 20.8	16.6 25.0

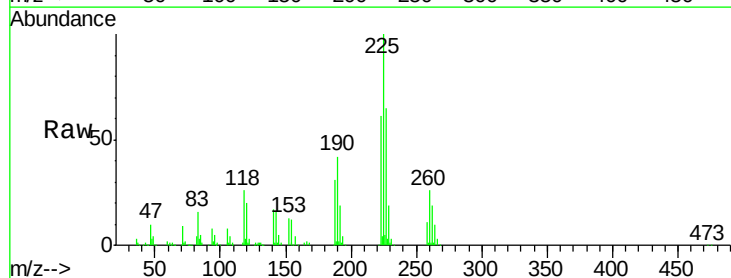


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

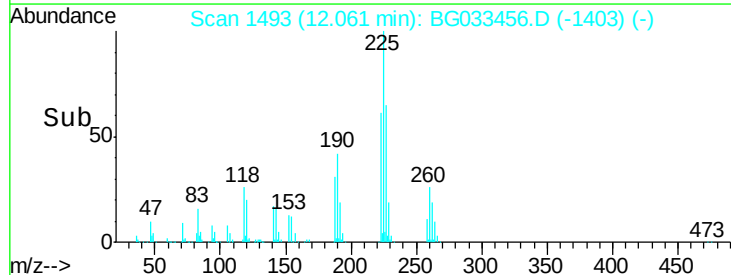
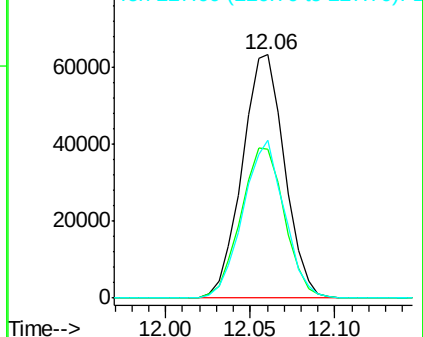


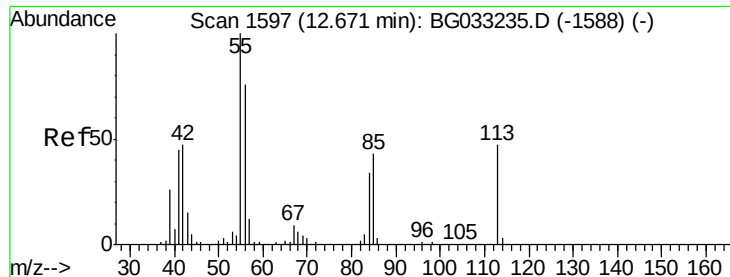
#34
Hexachlorobutadiene
Concen: 43.128 ng
RT: 12.06 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion	225	Resp: Lower	110047 Upper
	Ratio		
225	100		
223	61.2	49.7	74.5
227	64.9	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: 41.300 ng

RT: 12.64 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampleId :

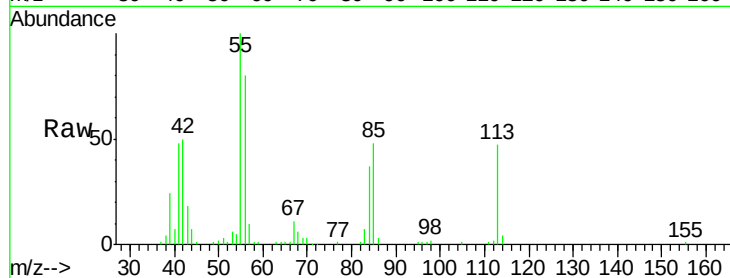
Tot Ion:113 Resp: 42019

Ion Ratio Lower Upper

113 100

55 212.5 186.9 226.9

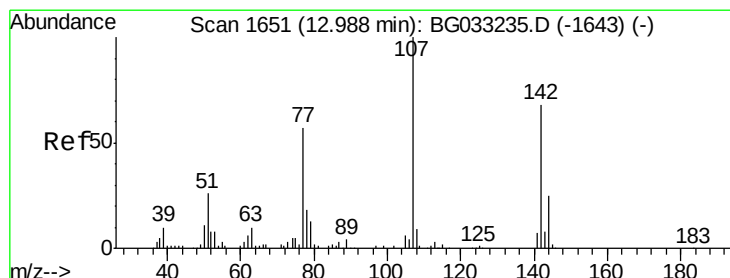
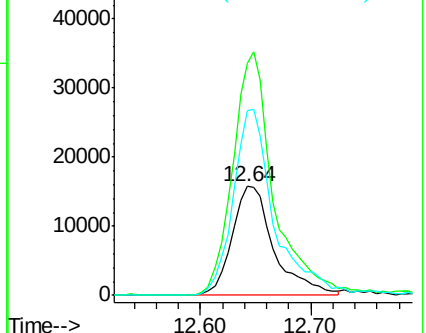
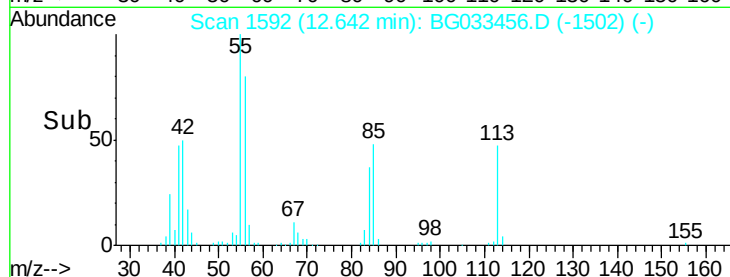
56 169.7 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 58.626 ng

RT: 12.97 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

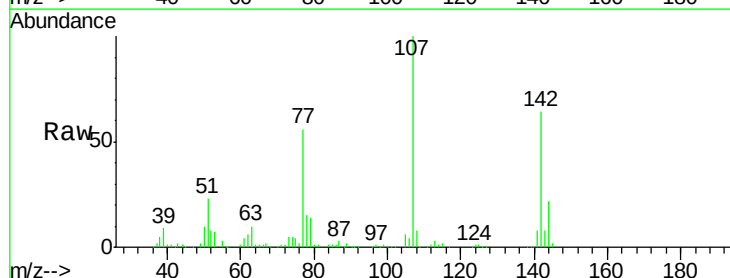
Tgt Ion:107 Resp: 198579

Ion Ratio Lower Upper

107 100

144 21.9 18.2 27.4

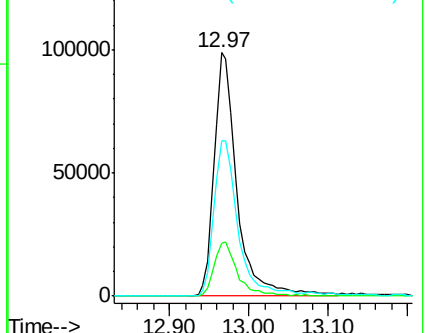
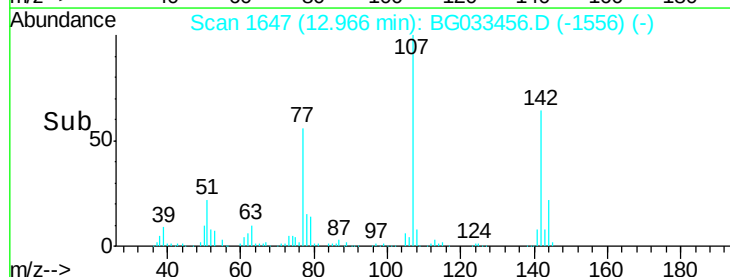
142 63.6 59.0 88.4

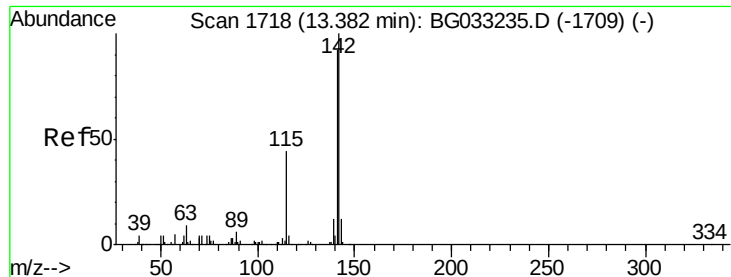


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

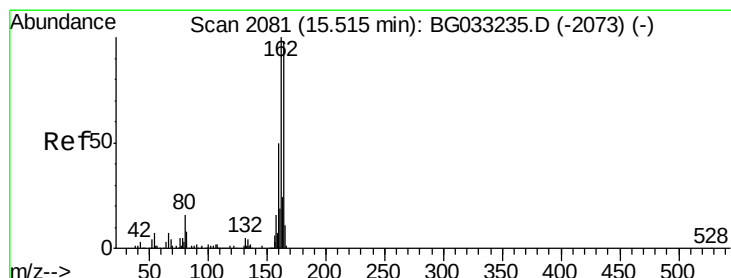
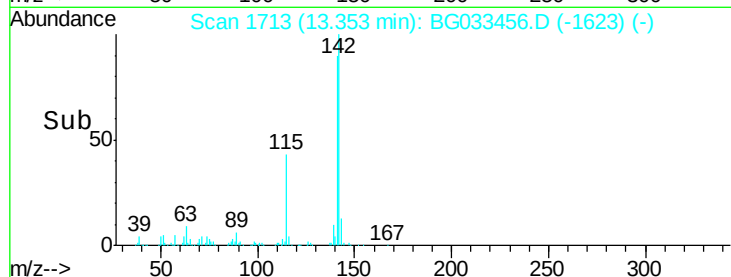
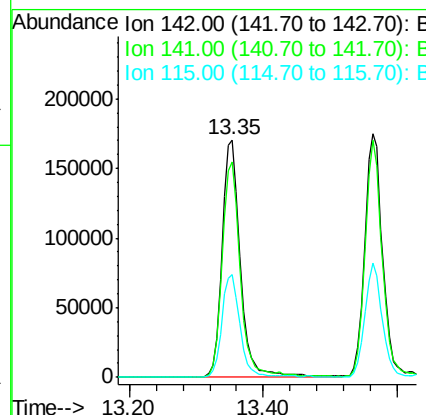
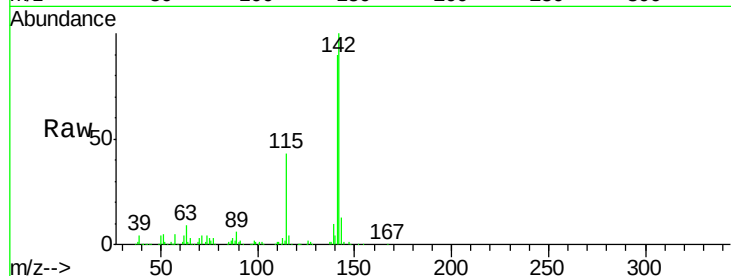




#37
 2-Methylnaphthalene
 Concen: 50.112 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG033456.D
 Acq: 30 Mar 2018 20:09

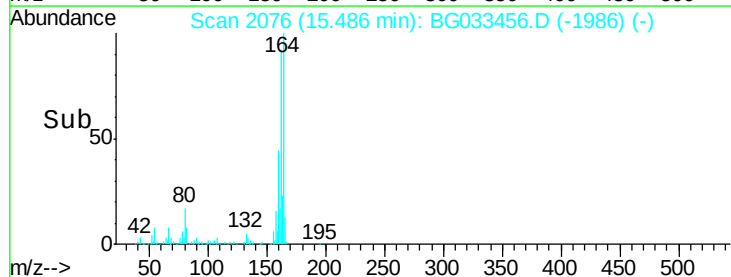
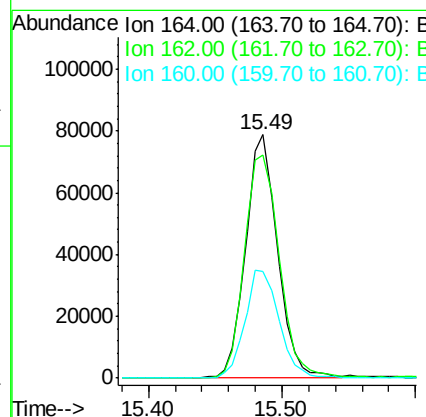
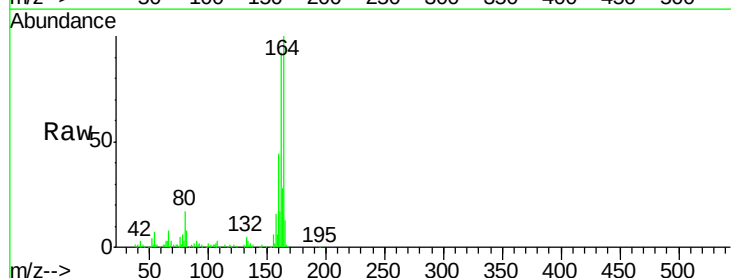
Instrument :
 BNA_G
 ClientSampleId :

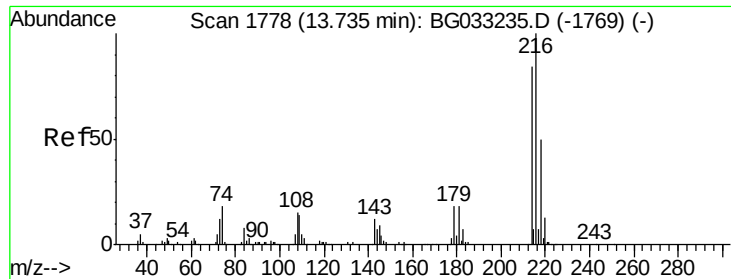
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	67.1	100.7
115	43.4	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG033456.D
 Acq: 30 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	91.9	78.8	118.2
160	43.9	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.738 ng

RT: 13.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 215727

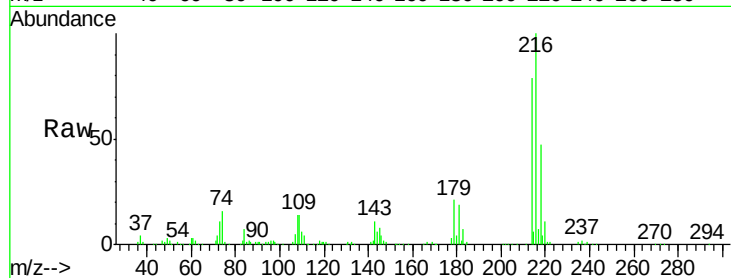
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 20.4 17.0 25.6

108 16.9 12.8 19.2

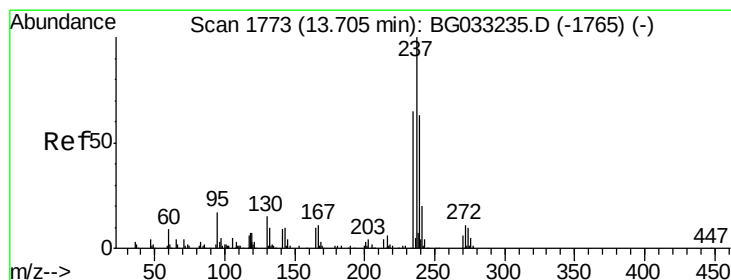
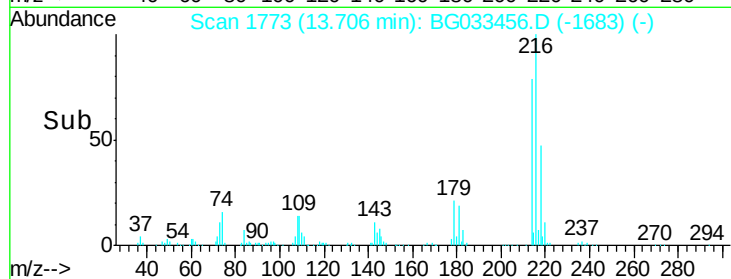
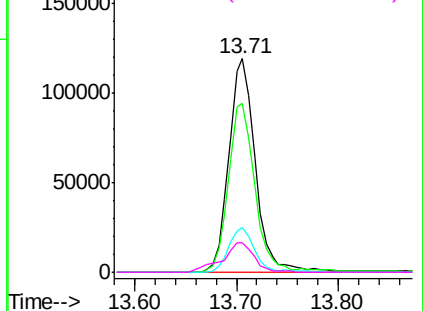


Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.704 ng

RT: 13.68 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

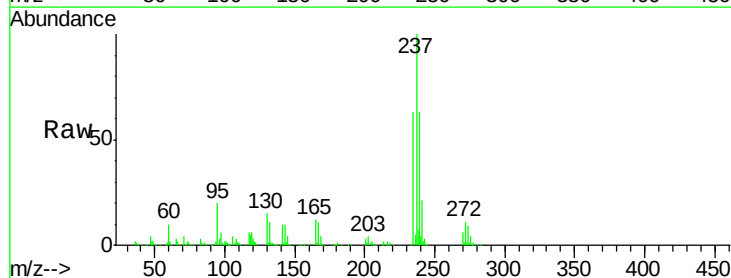
Tgt Ion:237 Resp: 261856

Ion Ratio Lower Upper

237 100

235 62.9 50.4 90.4

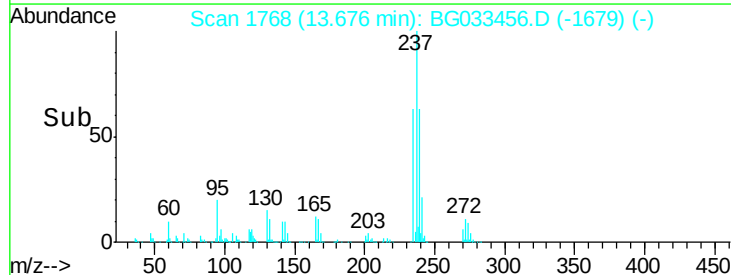
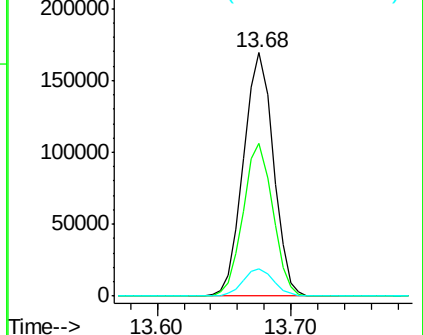
272 11.4 0.0 31.8

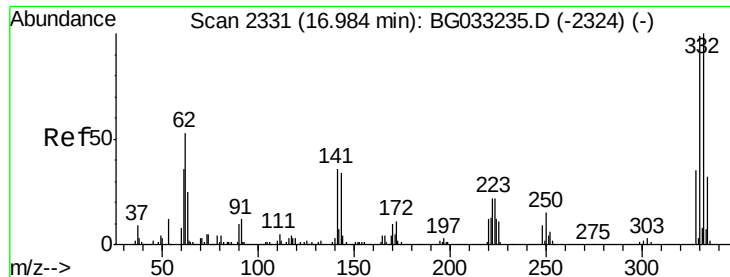


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

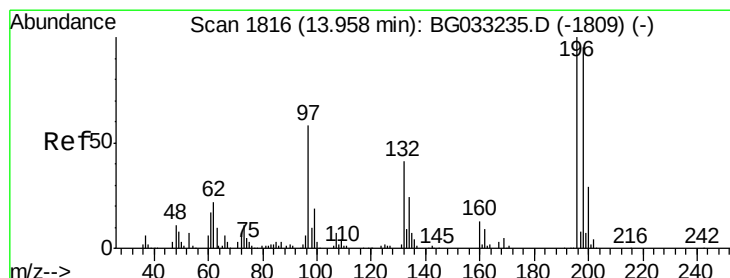
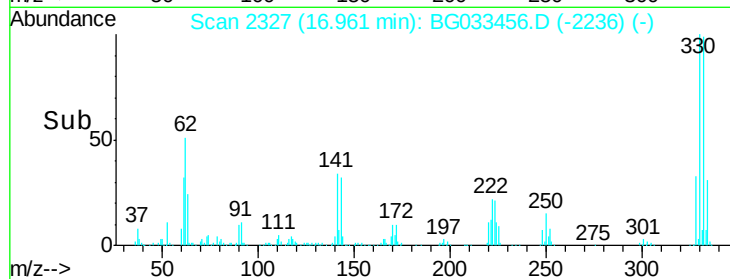
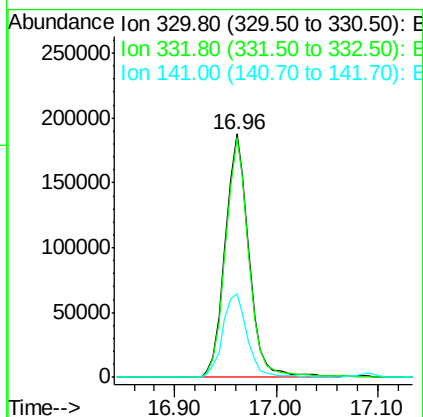
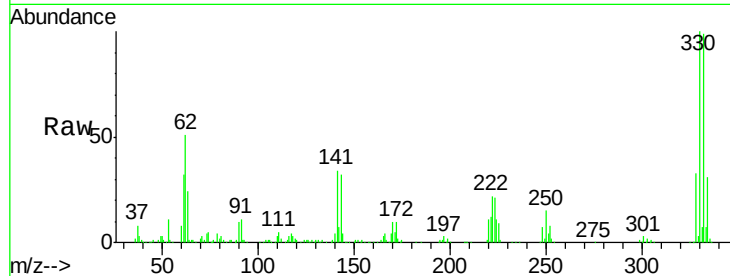




#41
 2,4,6-Tribromophenol
 Concen: 156.902 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033456.D
 Acq: 30 Mar 2018 20:09

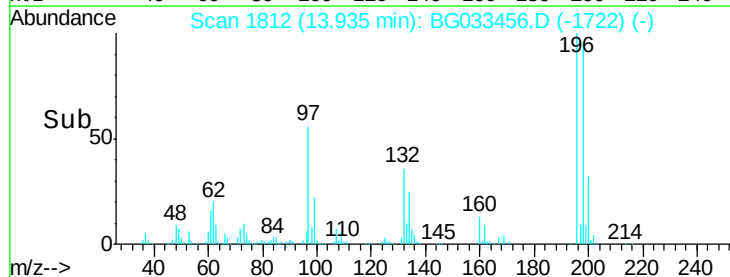
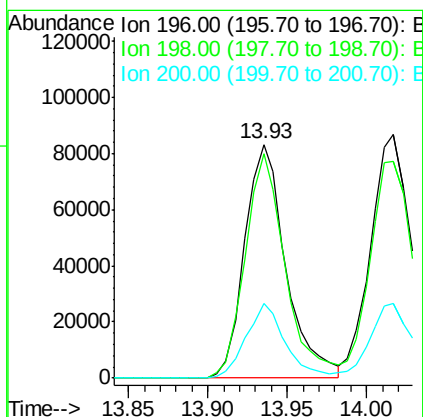
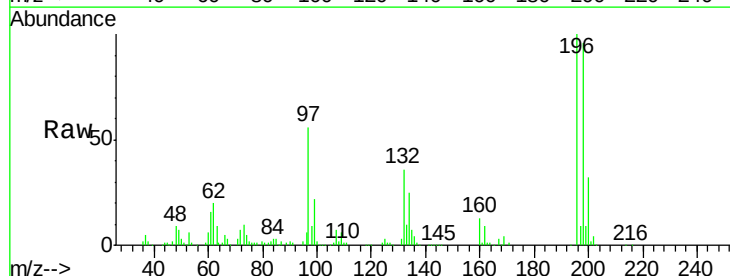
Instrument :
 BNA_G
 ClientSampled :

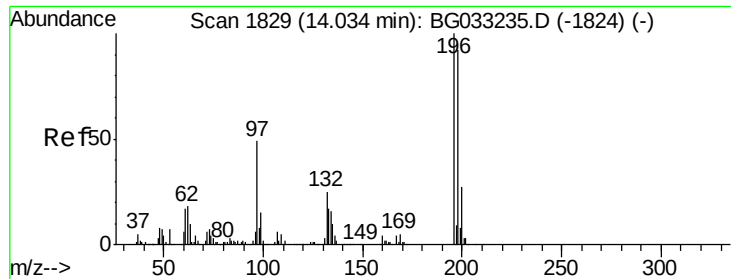
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	35.6	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 54.869 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG033456.D
 Acq: 30 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	78.2	117.2
200	32.2	24.6	36.8

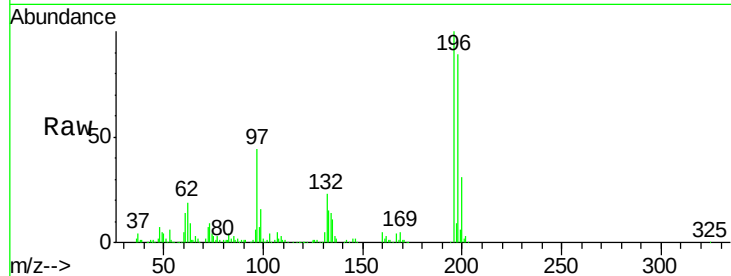




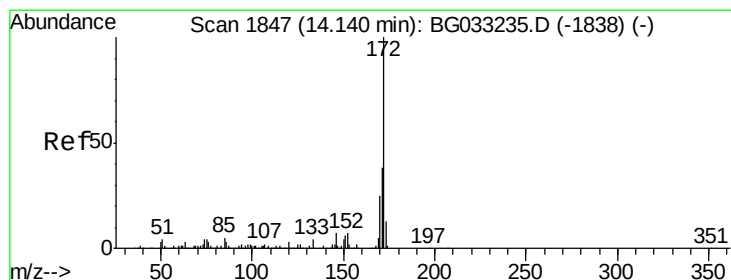
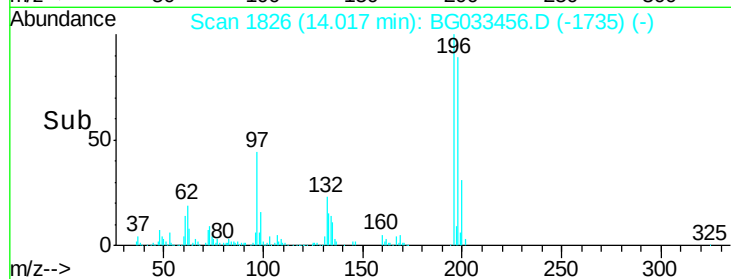
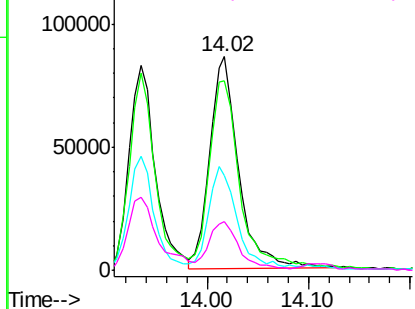
#43
2,4,5-Trichlorophenol
Concen: 52.440 ng
RT: 14.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	196	Resp:	169858
Ion	Ratio	Lower	Upper
196	100		
198	88.8	76.2	114.4
97	44.2	38.7	58.1
132	22.7	20.2	30.2

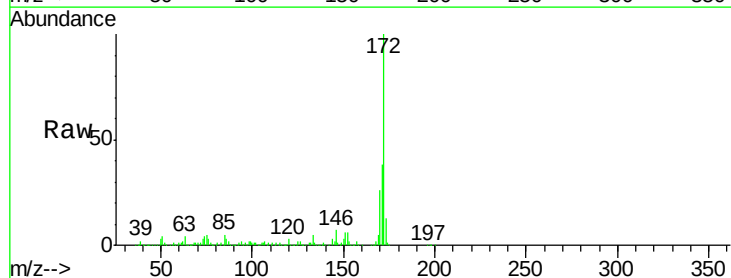


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

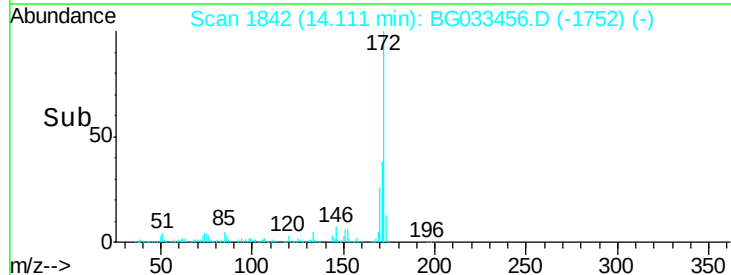
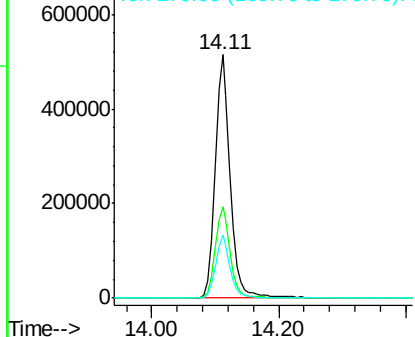


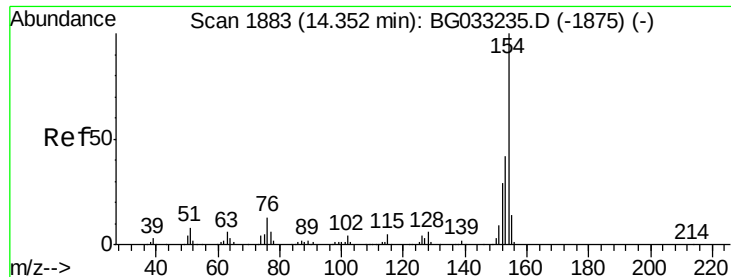
#44
2-Fluorobiphenyl
Concen: 96.592 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion:	172	Resp:	871225
Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	25.8	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.993 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampleId :

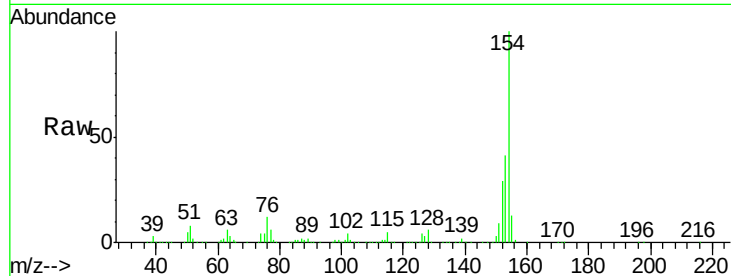
Tot Ion:154 Resp: 470110

Ion Ratio Lower Upper

154 100

153 41.1 19.8 59.8

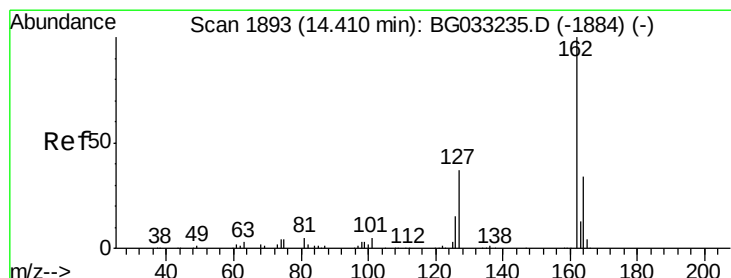
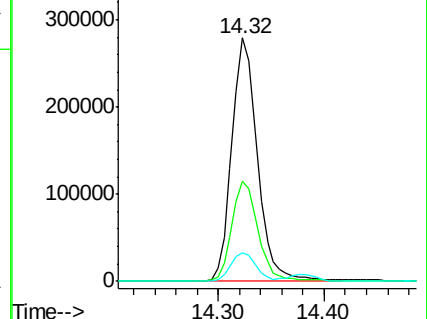
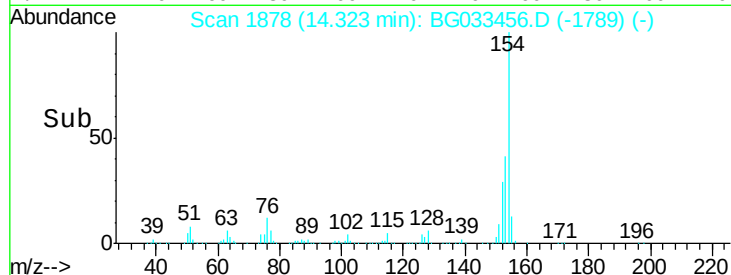
76 11.9 0.0 31.9



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: 46.700 ng

RT: 14.38 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

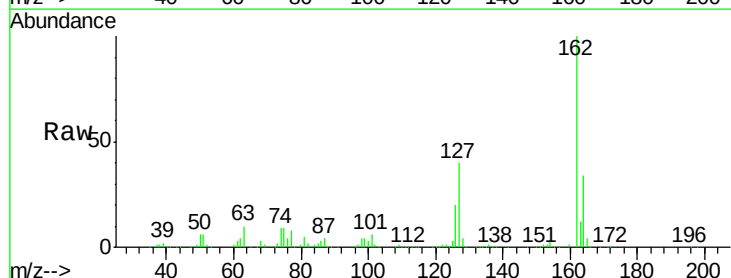
Tgt Ion:162 Resp: 360219

Ion Ratio Lower Upper

162 100

127 40.2 30.7 46.1

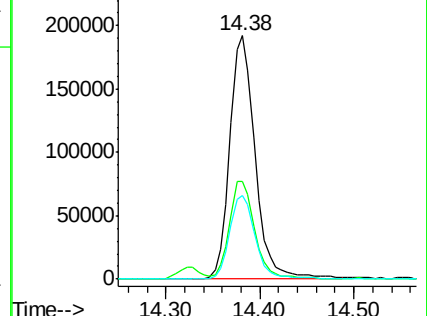
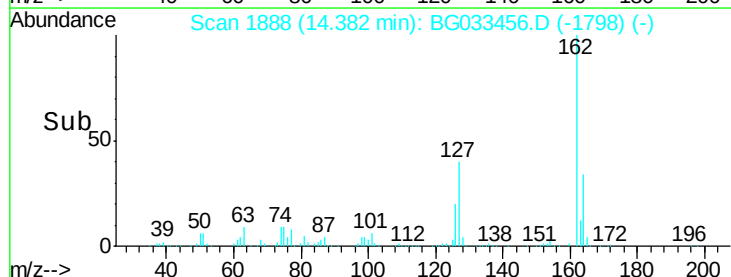
164 34.2 26.0 39.0

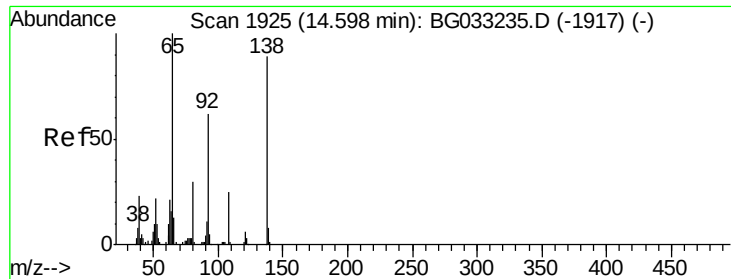


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

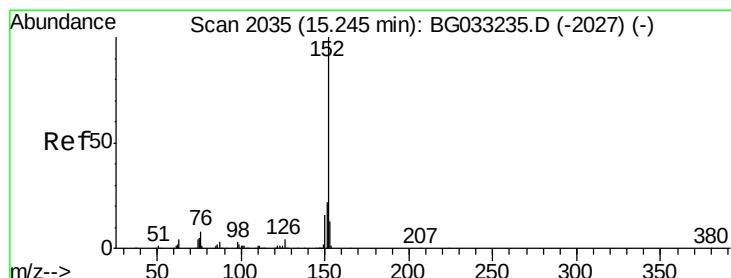
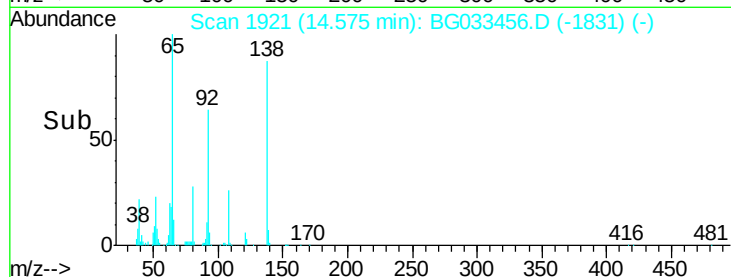
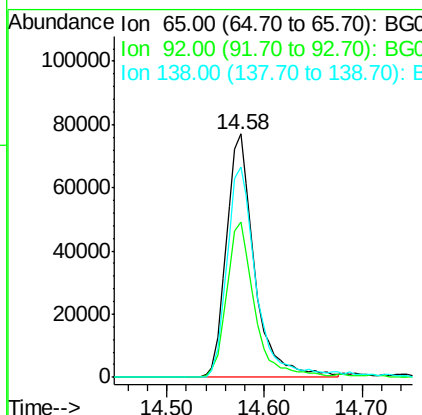
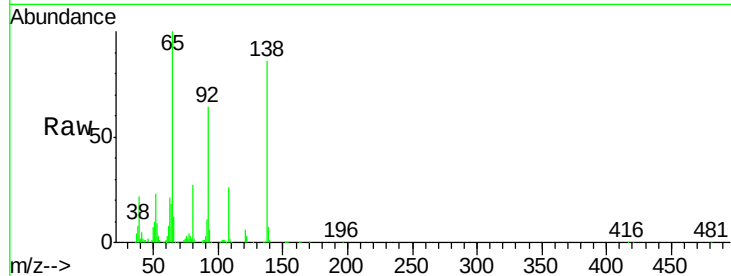




#47
2-Nitroaniline
Concen: 53.381 ng
RT: 14.58 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

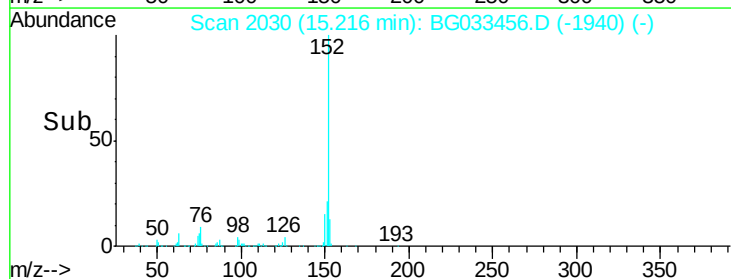
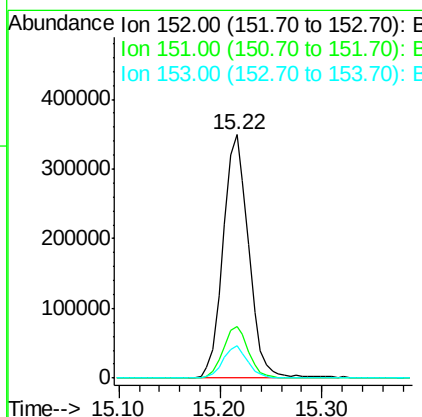
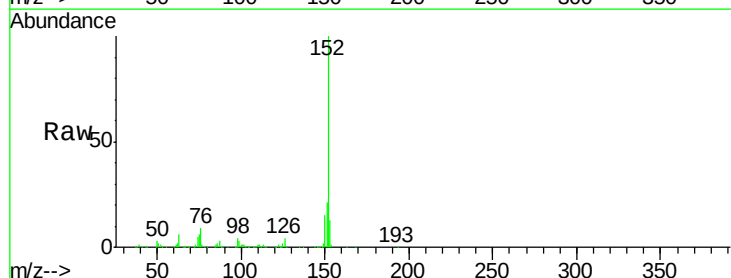
Instrument :
BNA_G
ClientSampled :

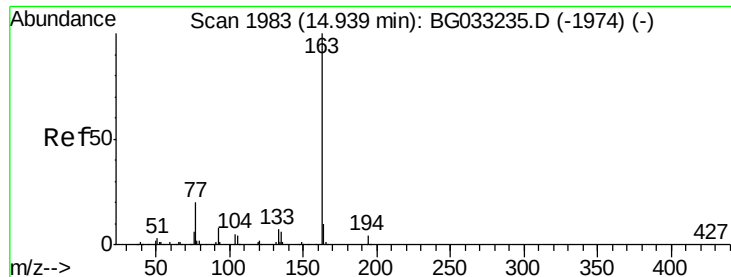
Tot Ion: 65 Resp: 154224
Ion Ratio Lower Upper
65 100
92 63.6 54.6 82.0
138 86.4 72.9 109.3



#48
Acenaphthylene
Concen: 47.161 ng
RT: 15.22 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion: 152 Resp: 607211
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 48.975 ng

RT: 14.91 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampleId :

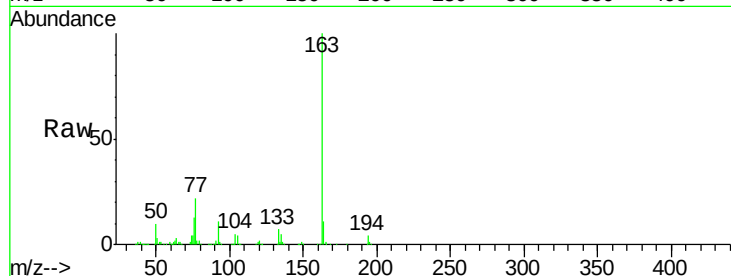
Tot Ion:163 Resp: 554976

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

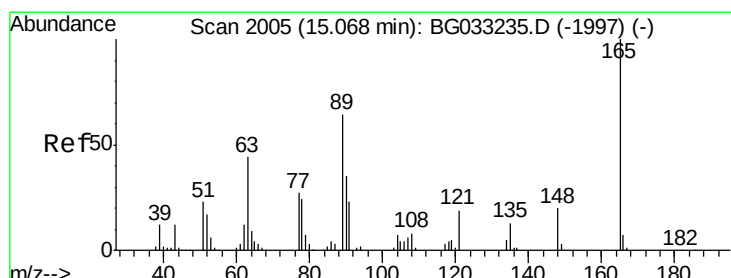
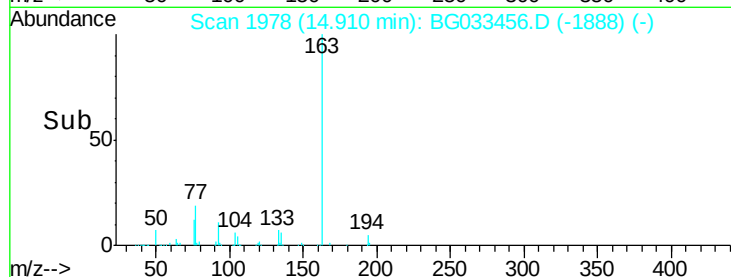
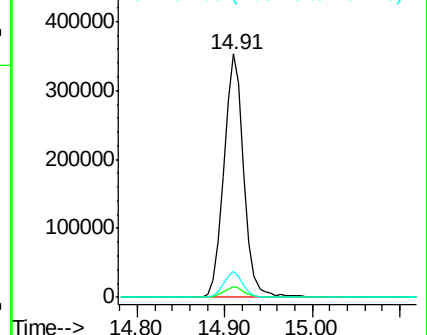
164 10.7 8.2 12.4



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: 51.881 ng

RT: 15.04 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

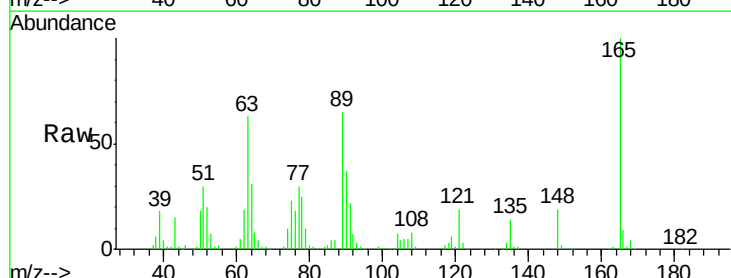
Tgt Ion:165 Resp: 120212

Ion Ratio Lower Upper

165 100

63 62.6 52.7 79.1

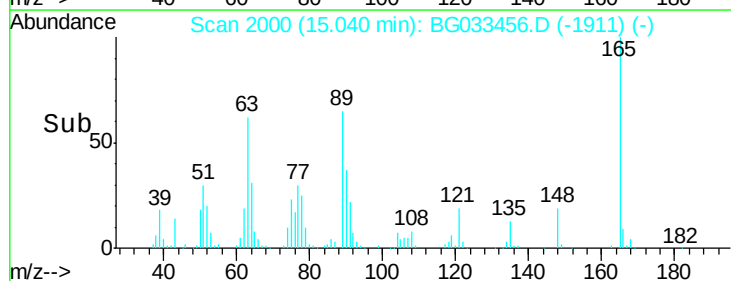
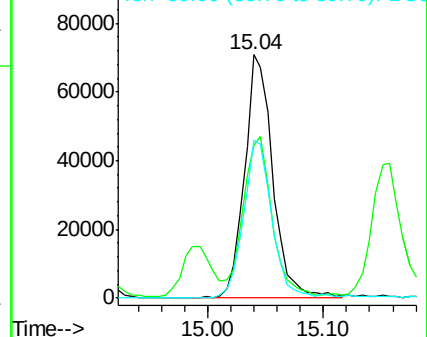
89 64.8 49.2 73.8

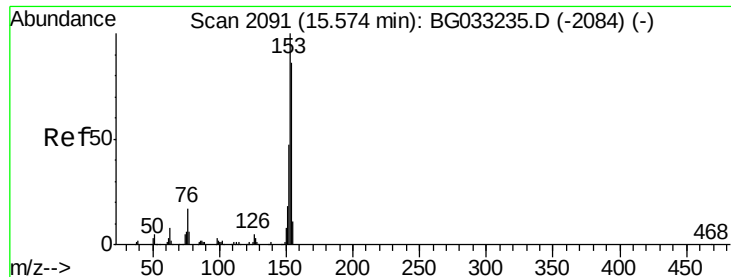


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 52.320 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

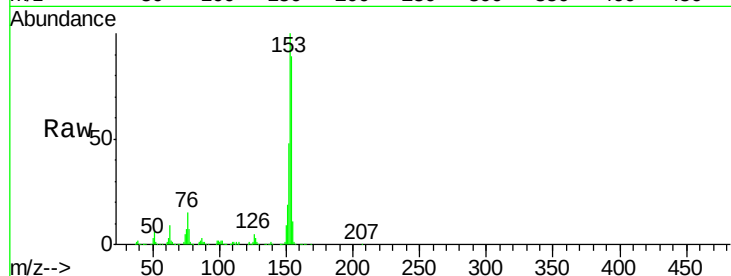
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 434246

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.4	135.6
152	54.3	41.6	62.4

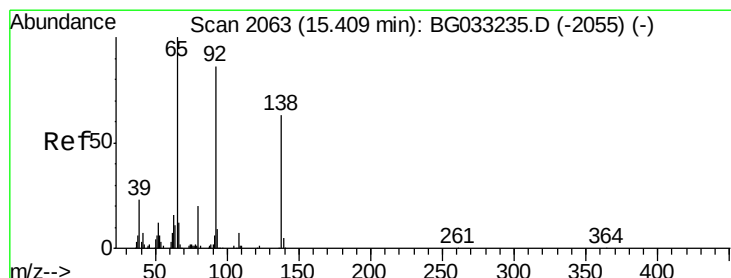
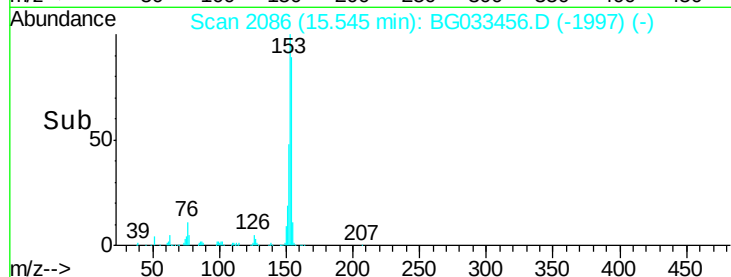
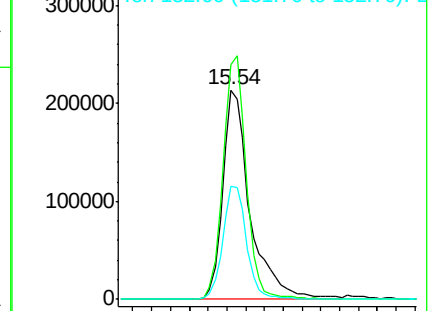


Abundance

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: 30.274 ng

RT: 15.39 min Scan# 2059

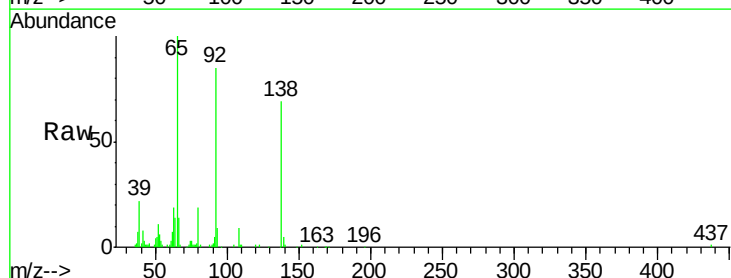
Delta R.T. 0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Tgt Ion:138 Resp: 73542

Ion	Ratio	Lower	Upper
138	100		
108	12.3	17.5	26.3#
92	123.2	105.8	158.8

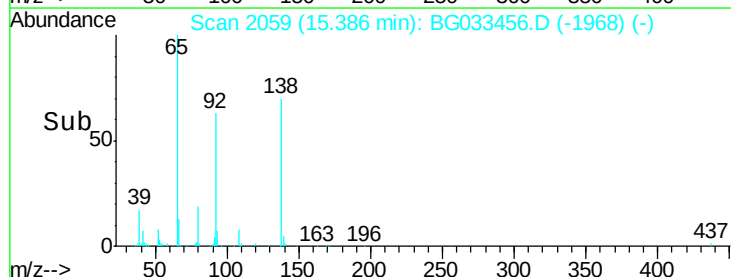
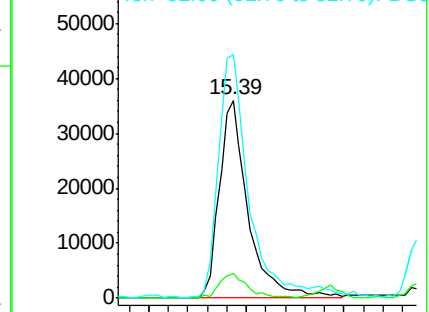


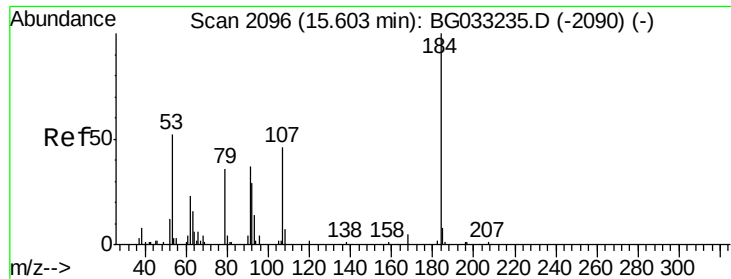
Abundance

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

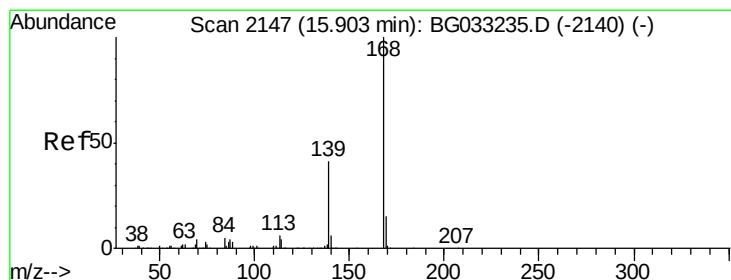
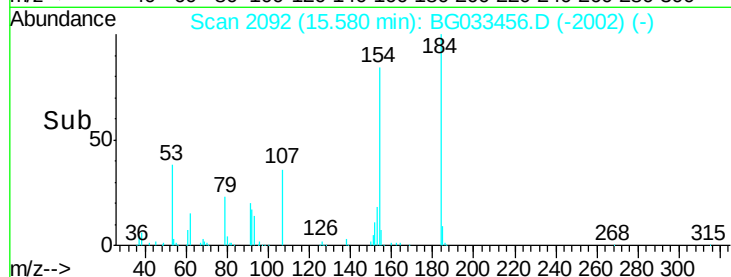
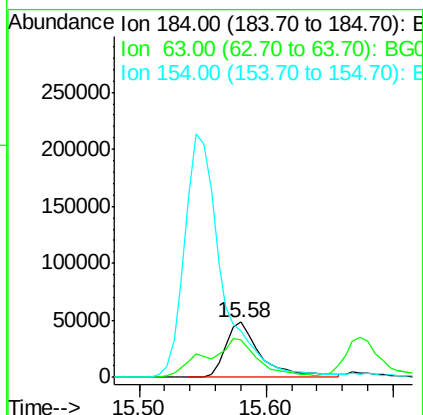
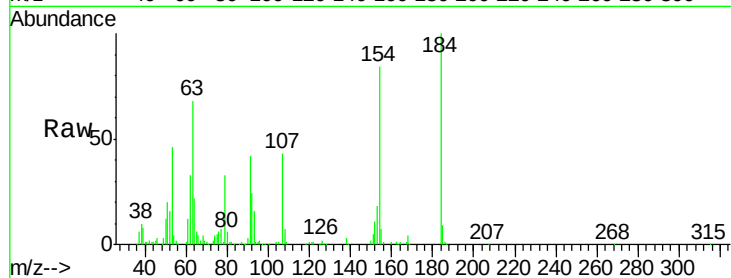




#53
2,4-Dinitrophenol
Concen: 77.505 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

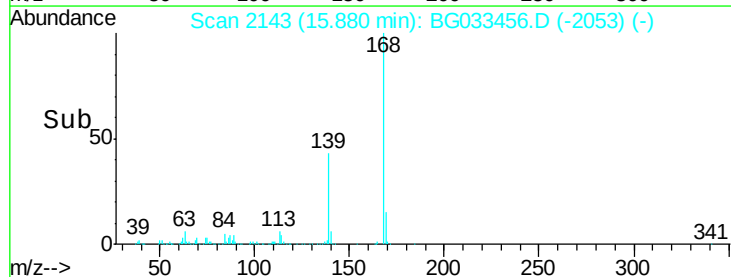
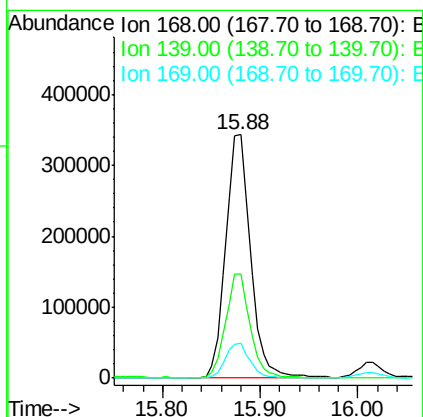
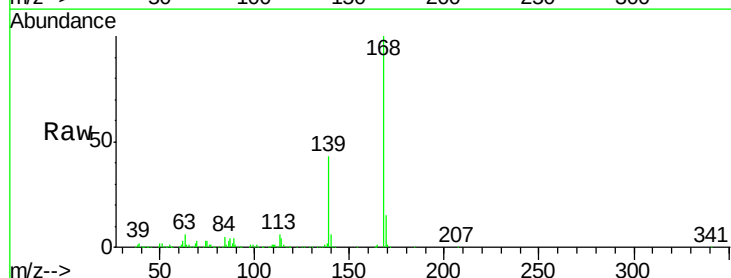
Instrument :
BNA_G
ClientSampleId :

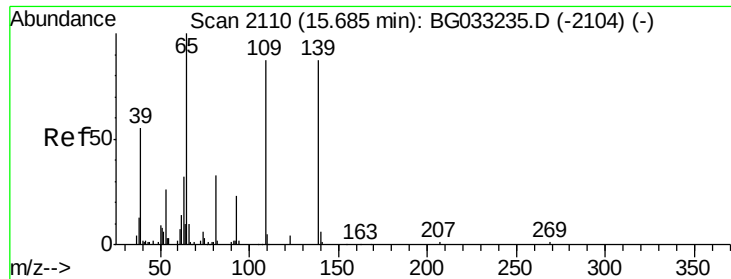
Tot Ion:184 Resp: 92682
Ion Ratio Lower Upper
184 100
63 68.0 59.8 89.8
154 83.5 101.8 152.8#



#54
Dibenzofuran
Concen: 49.754 ng
RT: 15.88 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion:168 Resp: 609986
Ion Ratio Lower Upper
168 100
139 42.7 28.6 43.0
169 14.6 11.2 16.8

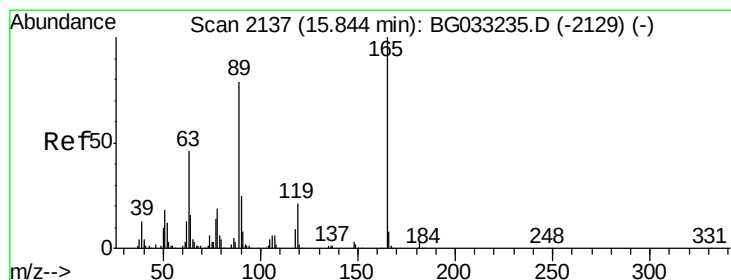
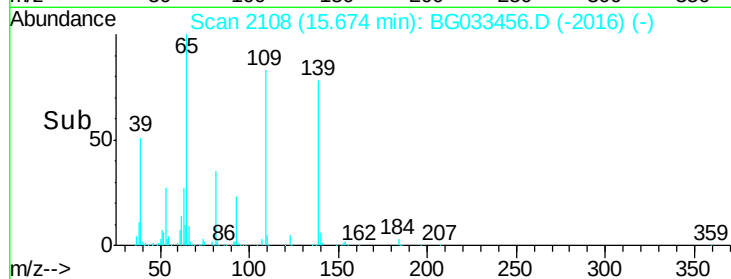
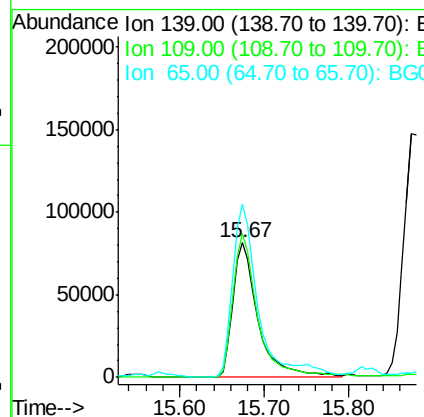
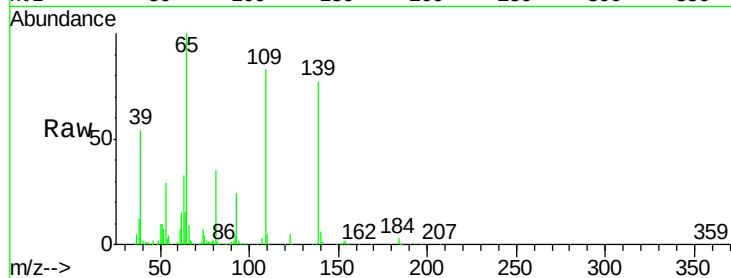




#55
4-Nitrophenol
Concen: 98.096 ng
RT: 15.67 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

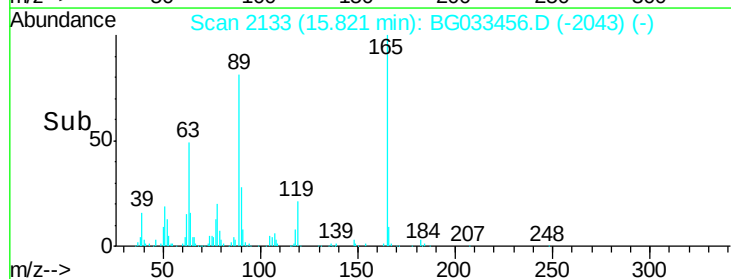
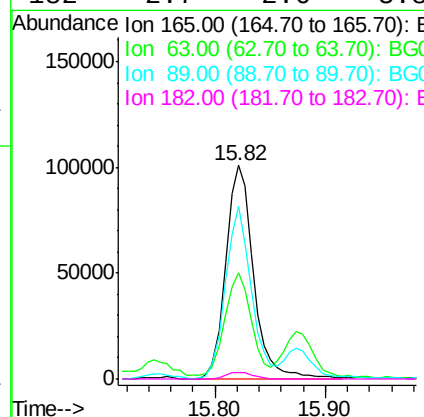
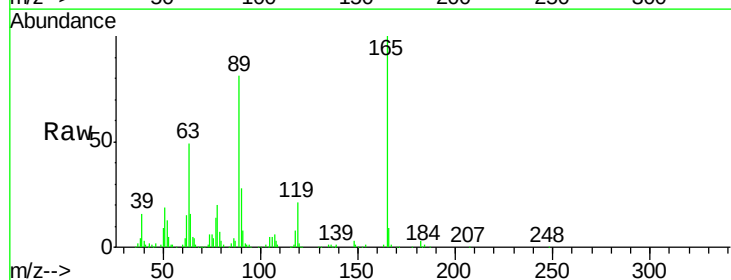
Instrument :
BNA_G
ClientSampleId :

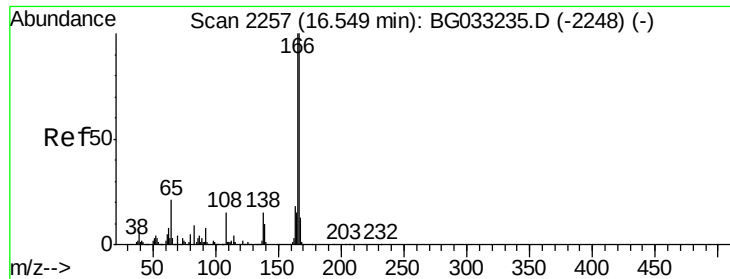
Tot Ion:139 Resp: 167563
Ion Ratio Lower Upper
139 100
109 106.5 62.2 102.2#
65 129.1 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 51.662 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion:165 Resp: 176252
Ion Ratio Lower Upper
165 100
63 49.5 42.0 63.0
89 81.0 66.9 100.3
182 2.7 2.6 3.8





#57

Fluorene

Concen: 49.573 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampleId :

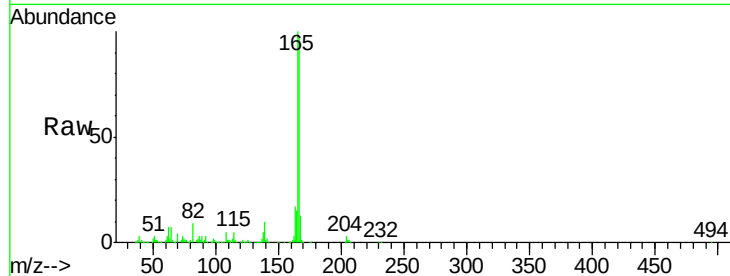
Tot Ion:166 Resp: 517771

Ion Ratio Lower Upper

166 100

165 102.9 80.6 121.0

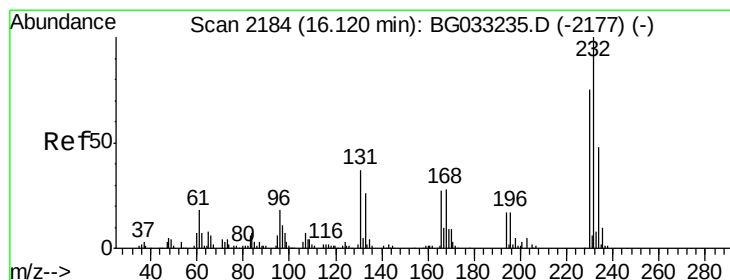
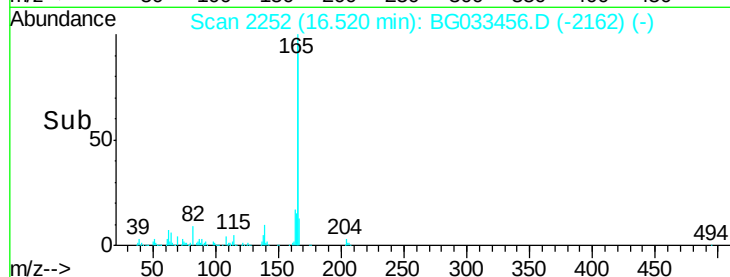
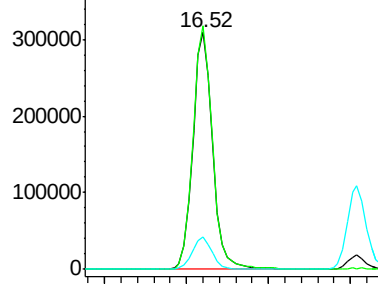
167 13.5 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.584 ng

RT: 16.09 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Tgt Ion:232 Resp: 175593

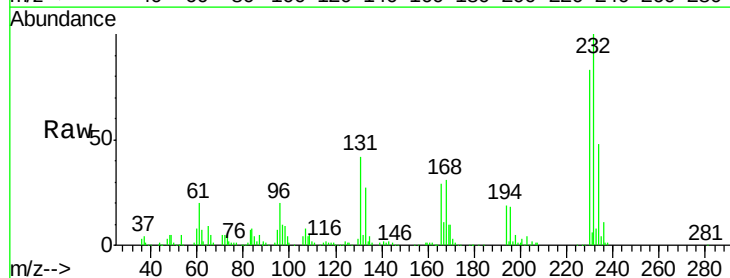
Ion Ratio Lower Upper

232 100

131 38.0 33.5 50.3

130 2.6 2.2 3.2

166 29.3 24.8 37.2

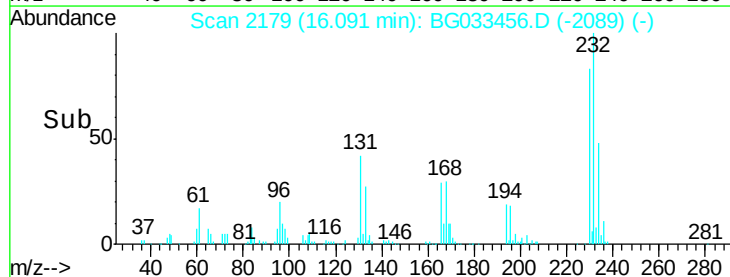
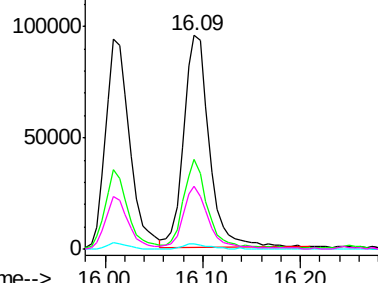


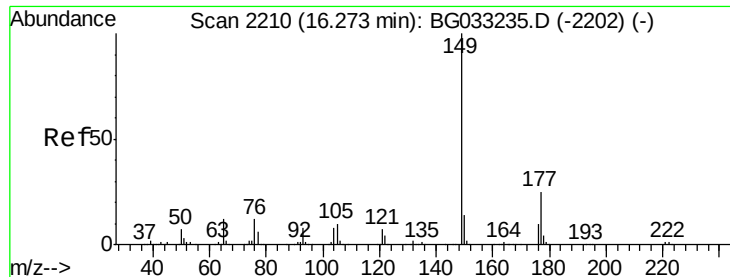
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

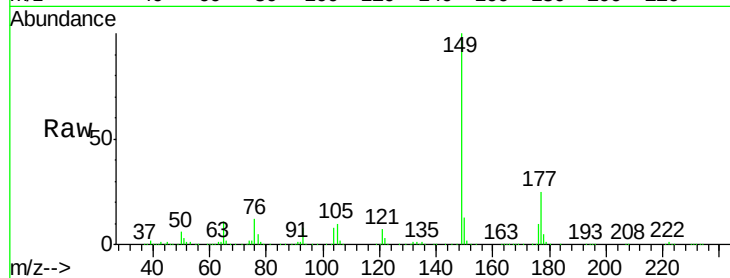




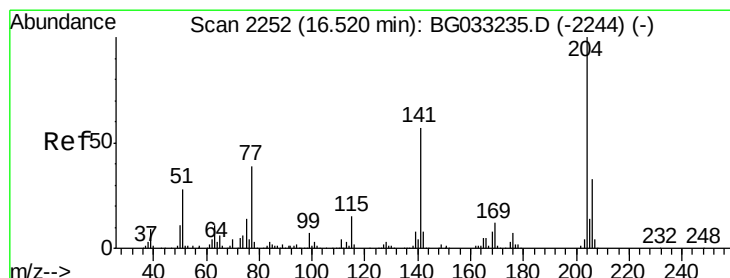
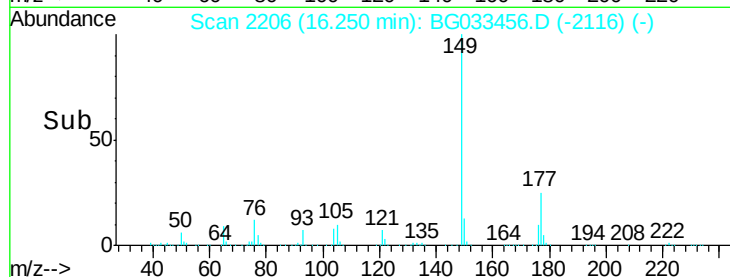
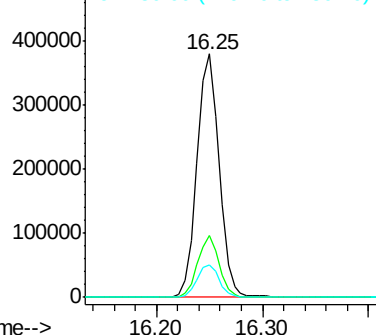
#59
Diethylphthalate
Concen: 50.260 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 553035
Ion Ratio Lower Upper
149 100
177 25.4 18.5 27.7
150 13.3 10.2 15.2

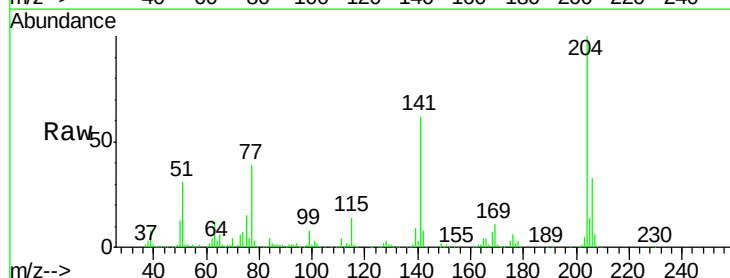


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

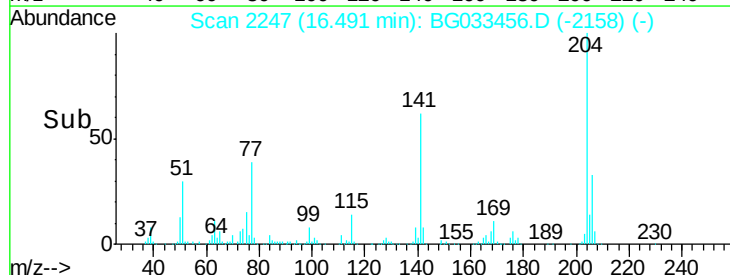
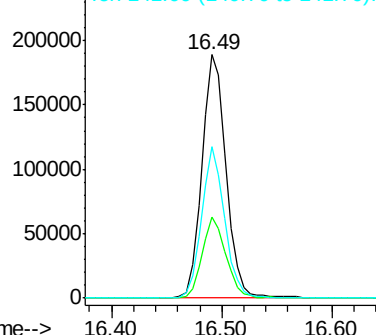


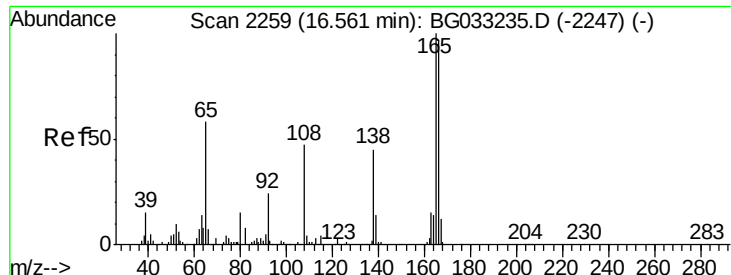
#60
4-Chlorophenyl-phenylether
Concen: 48.357 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion:204 Resp: 290338
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 62.1 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

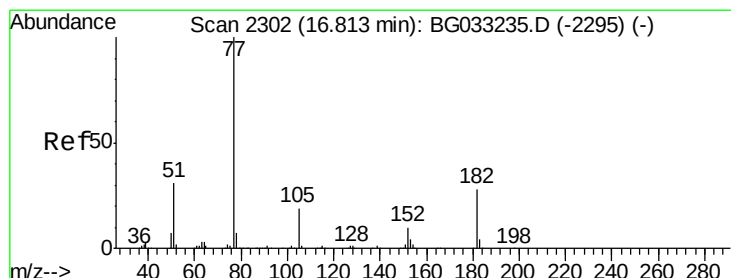
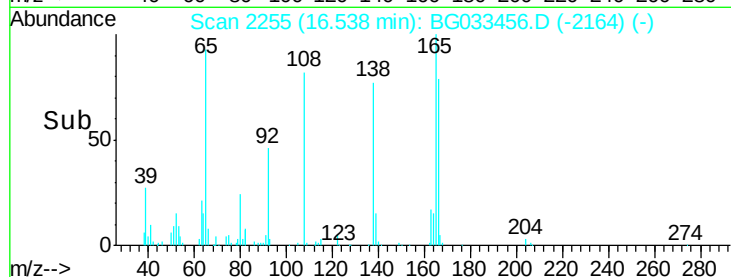
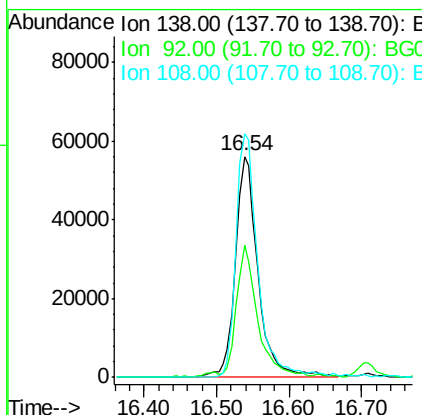
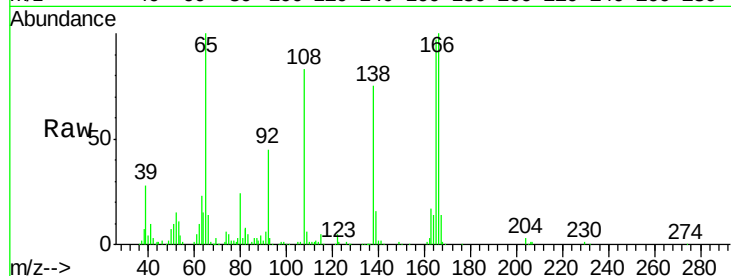




#61
4-Nitroaniline
Concen: 49.846 ng
RT: 16.54 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

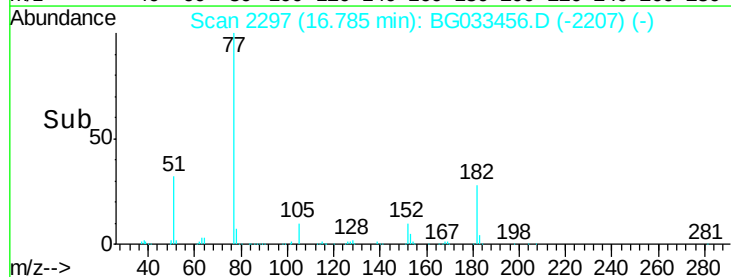
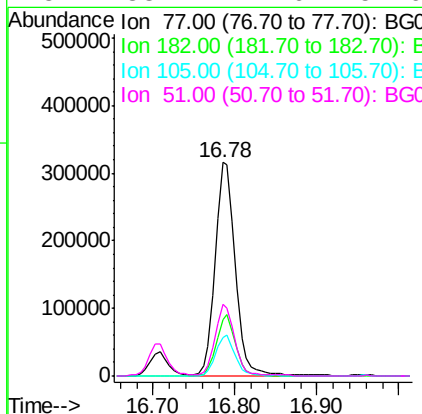
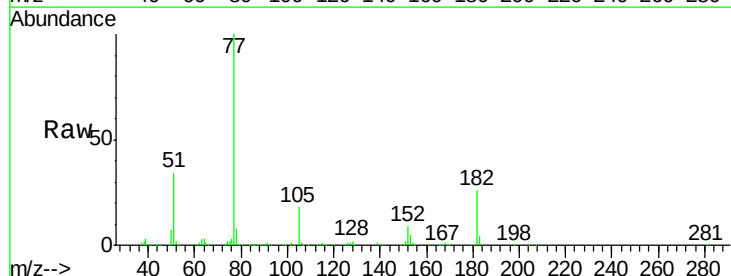
Instrument :
BNA_G
ClientSampled :

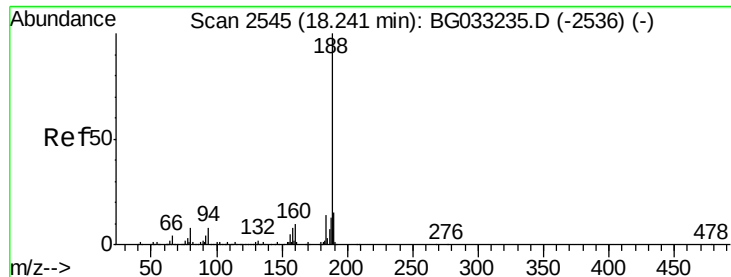
Tot Ion:138 Resp: 122620
Ion Ratio Lower Upper
138 100
92 59.9 40.1 80.1
108 110.3 65.4 105.4#



#62
Azobenzene
Concen: 50.764 ng
RT: 16.78 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion: 77 Resp: 541100
Ion Ratio Lower Upper
77 100
182 26.4 7.4 47.4
105 17.9 0.3 40.3
51 33.7 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampled :

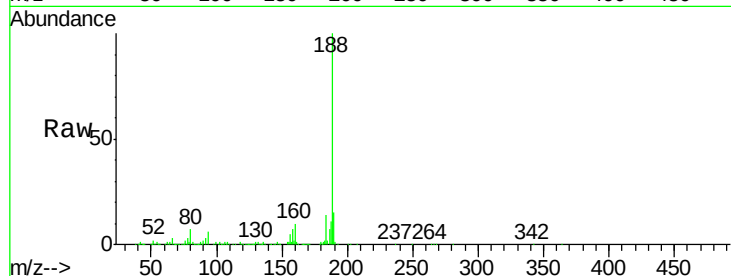
Tot Ion:188 Resp: 352982

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

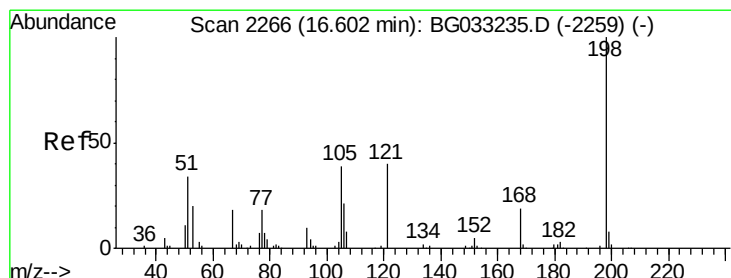
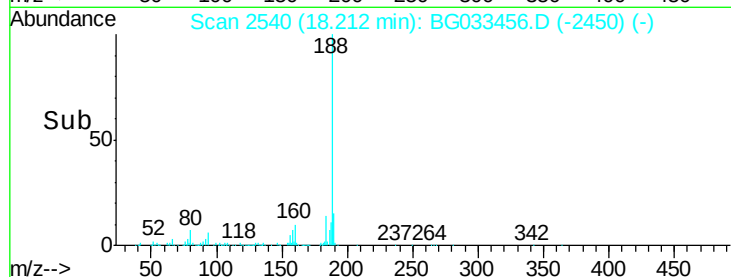
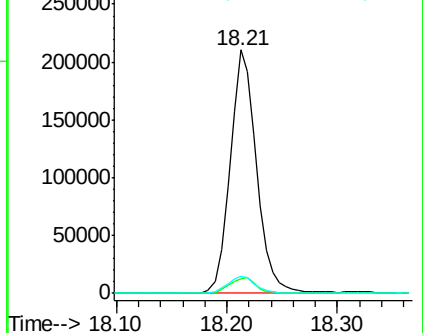
80 7.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.954 ng

RT: 16.58 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

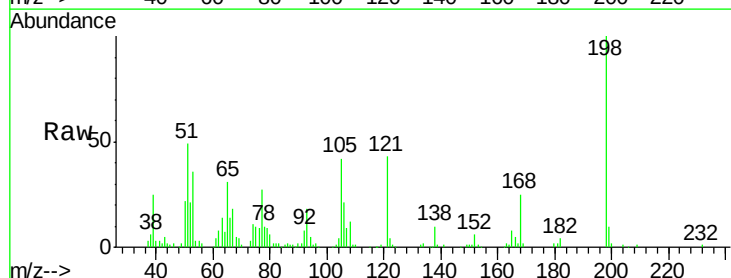
Tgt Ion:198 Resp: 84368

Ion Ratio Lower Upper

198 100

51 49.4 30.6 70.6

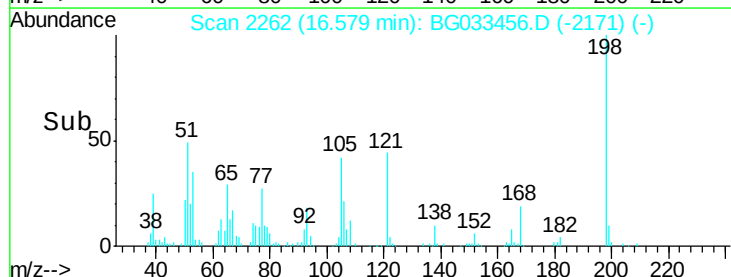
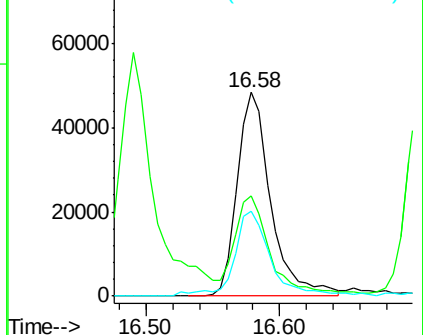
105 41.8 23.8 63.8

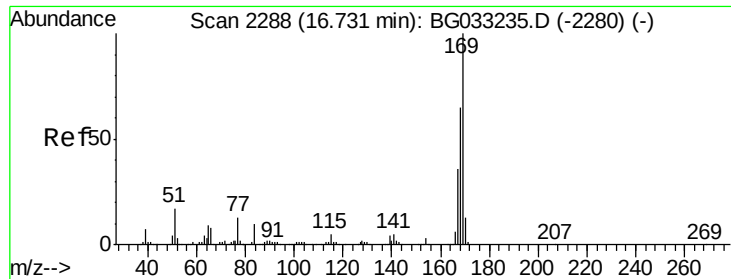


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

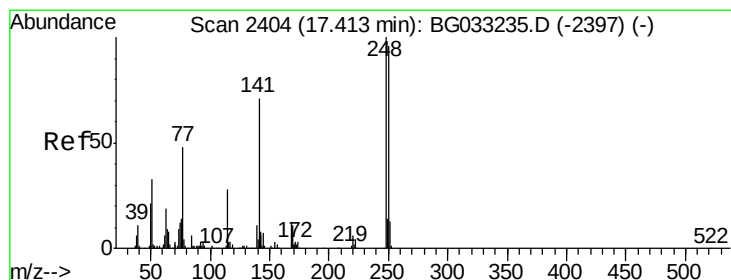
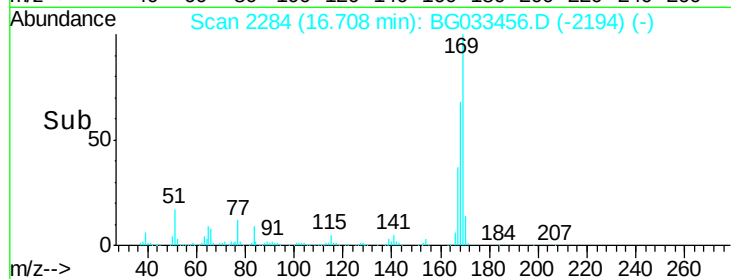
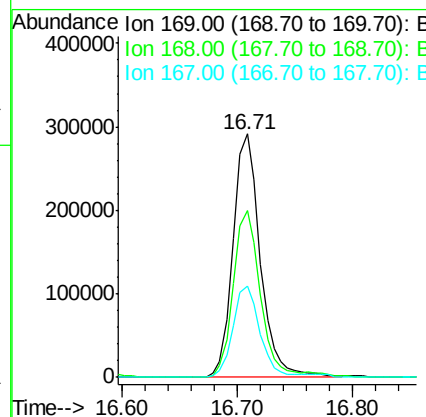
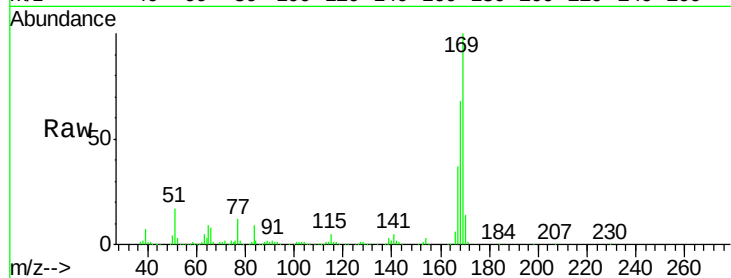




#65
n-Nitrosodiphenylamine
Concen: 47.530 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

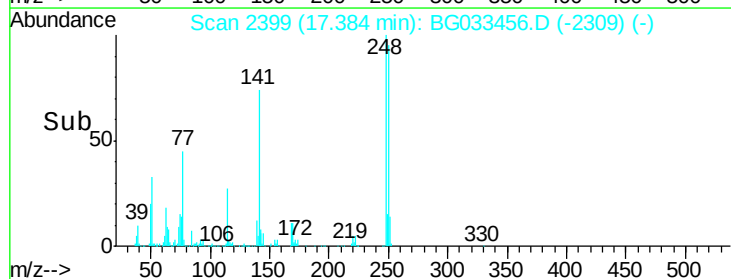
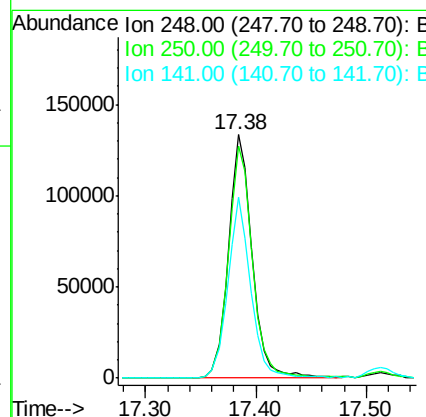
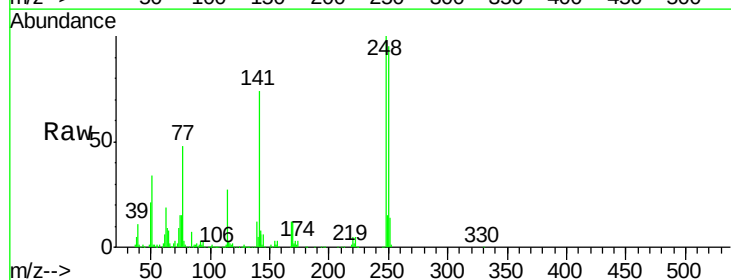
Instrument :
BNA_G
ClientSampleId :

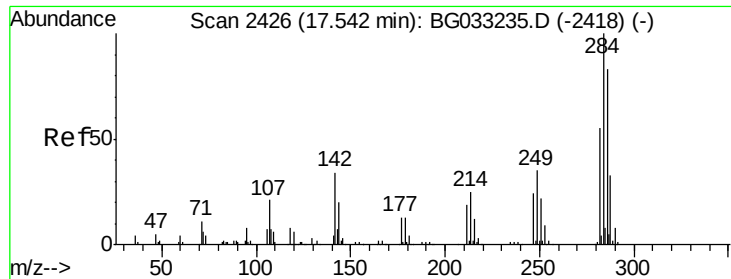
Tot Ion	169	Resp	478970
Ion	Ratio	Lower	Upper
169	100		
168	68.3	55.7	83.5
167	37.4	30.1	45.1



#66
4-Bromophenyl-phenylether
Concen: 48.414 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion	248	Resp	200699
Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.1	115.7
141	74.3	50.8	76.2





#67

Hexachlorobenzene

Concen: 45.793 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampleId :

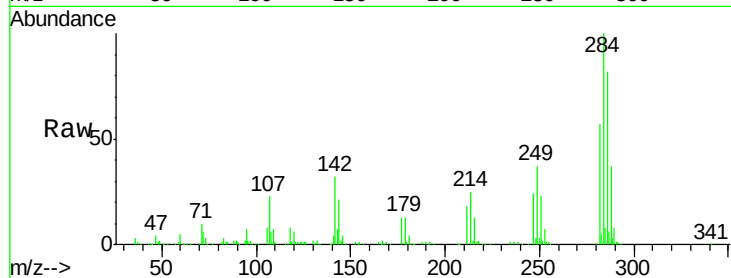
Tot Ion:284 Resp: 200341

Ion Ratio Lower Upper

284 100

142 32.5 26.8 40.2

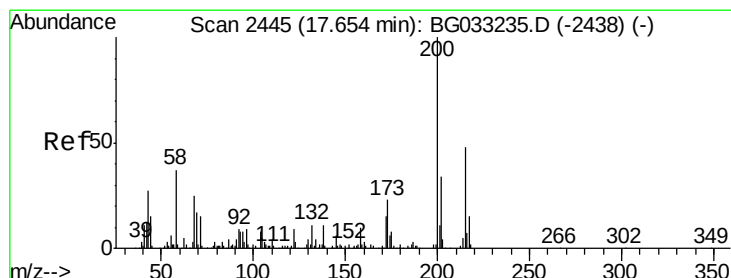
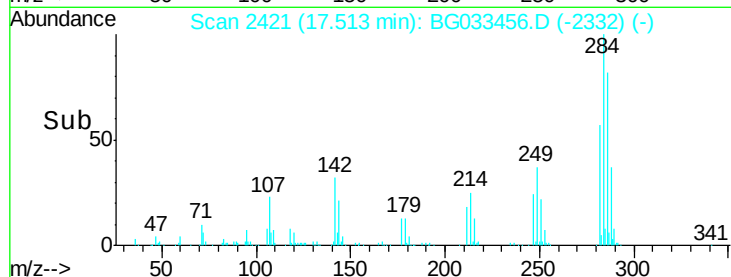
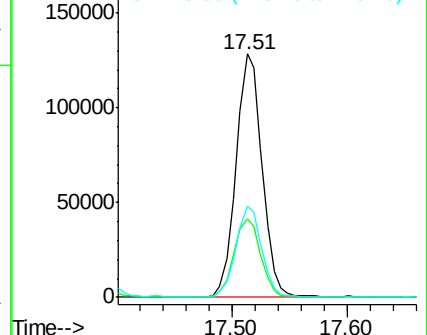
249 37.3 26.3 39.5



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: 50.463 ng

RT: 17.62 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

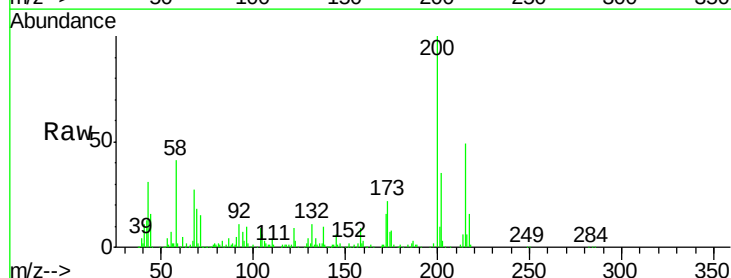
Tgt Ion:200 Resp: 206063

Ion Ratio Lower Upper

200 100

173 22.5 5.2 45.2

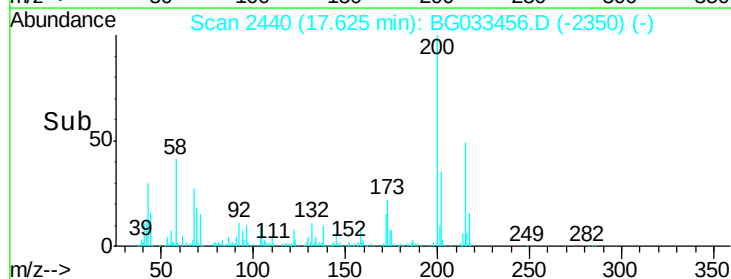
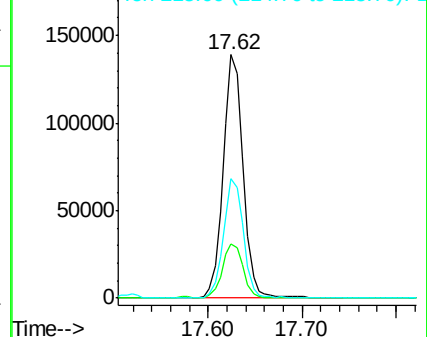
215 49.1 30.4 70.4

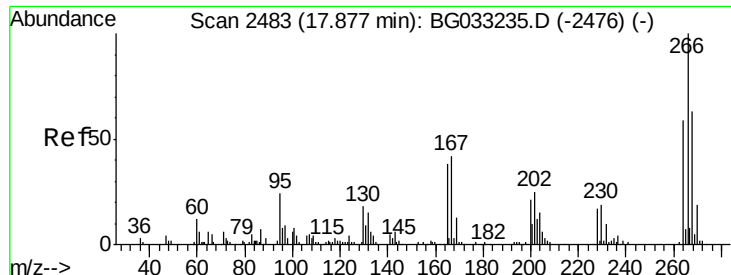


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

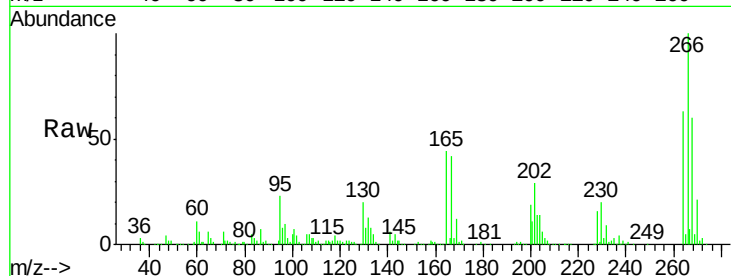




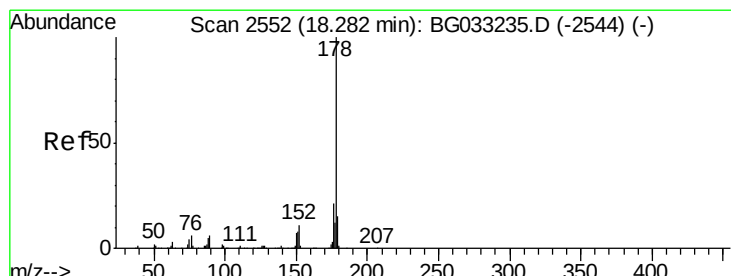
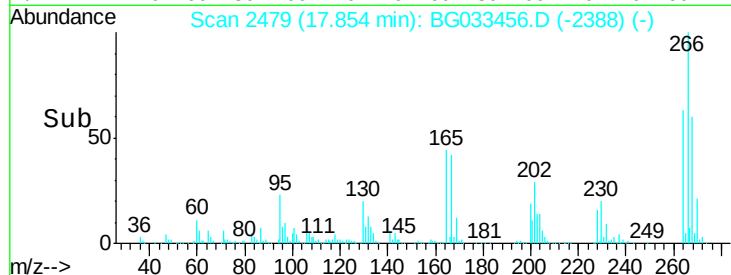
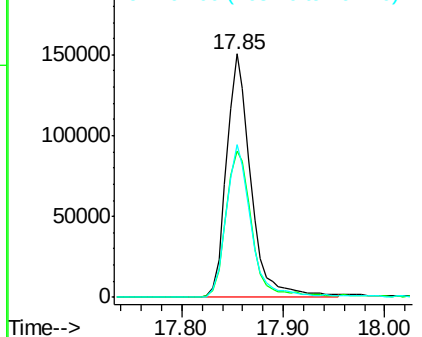
#69
 Pentachlorophenol
 Concen: 83.600 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. 0.00 min
 Lab File: BG033456.D
 Acq: 30 Mar 2018 20:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.0	51.1	76.7
264	62.9	49.6	74.4

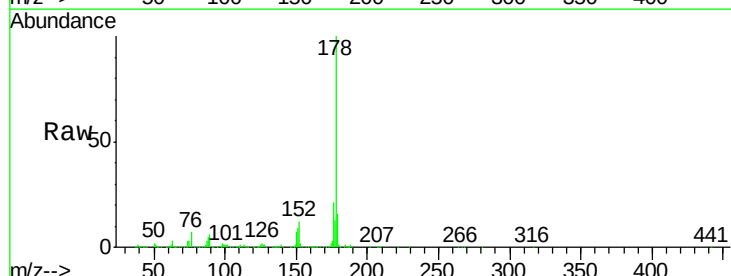


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

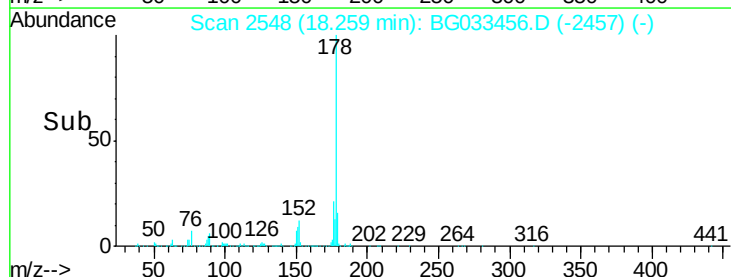
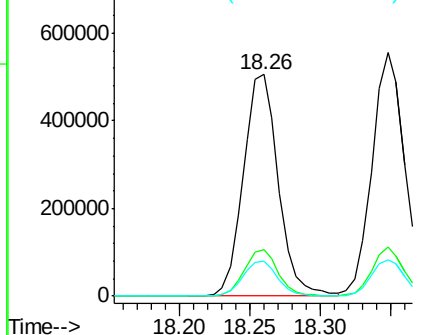


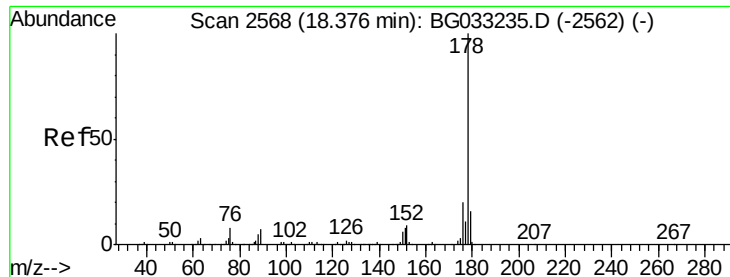
#70
 Phenanthrene
 Concen: 47.768 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BG033456.D
 Acq: 30 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.7	23.5
179	15.9	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

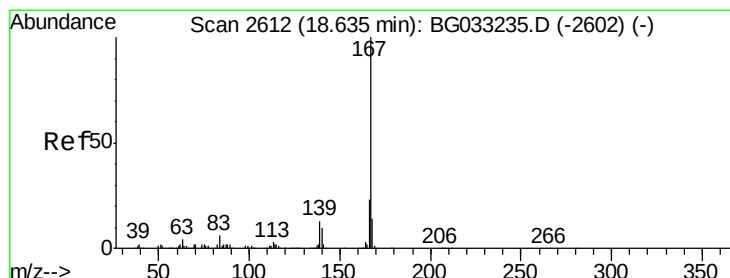
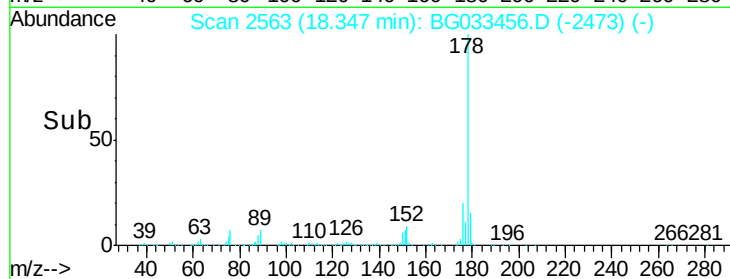
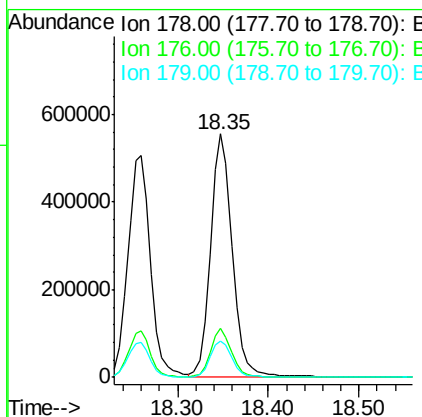
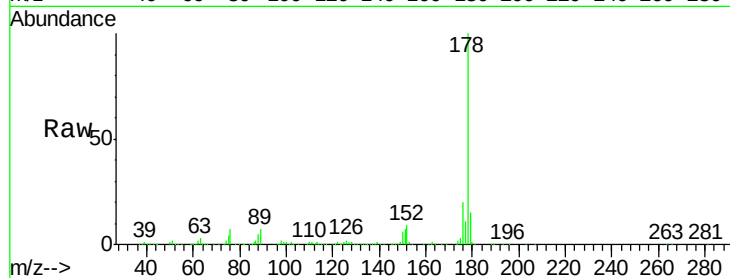




#71
 Anthracene
 Concen: 49.289 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG033456.D
 Acq: 30 Mar 2018 20:09

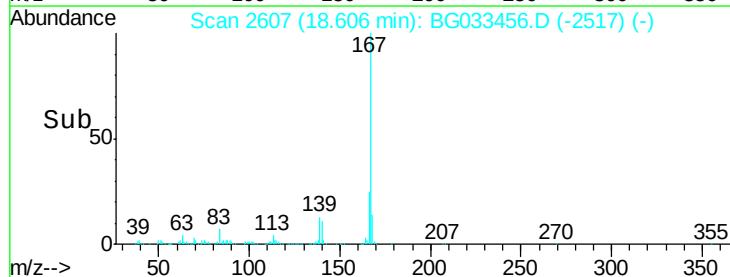
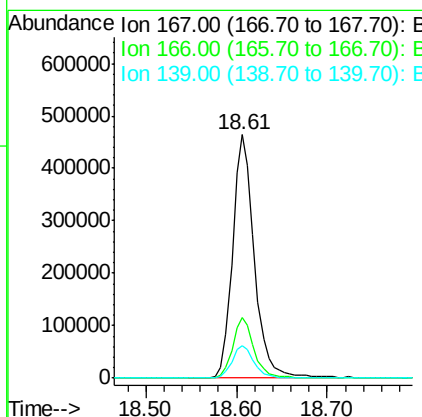
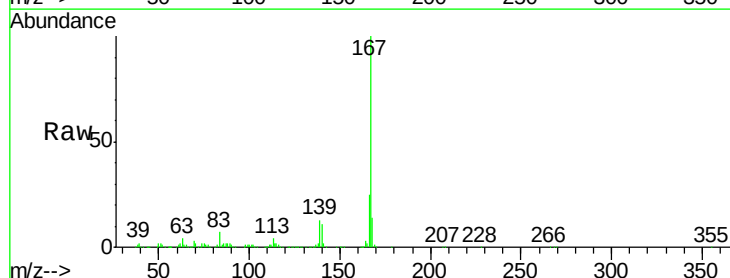
Instrument :
 BNA_G
 ClientSampleId :

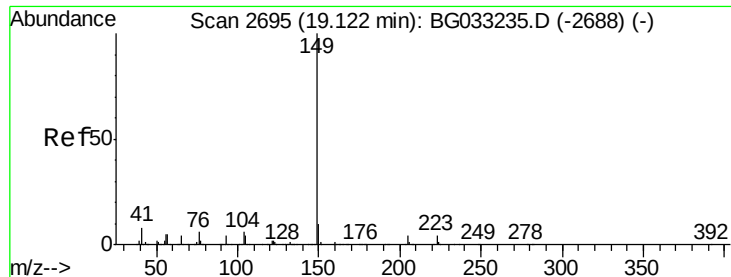
Tot Ion:178 Resp: 917441
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 14.9 12.5 18.7



#72
 Carbazole
 Concen: 47.118 ng
 RT: 18.61 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: BG033456.D
 Acq: 30 Mar 2018 20:09

Tgt Ion:167 Resp: 777178
 Ion Ratio Lower Upper
 167 100
 166 25.1 18.2 27.4
 139 13.2 9.4 14.2





#73

Di-n-butylphthalate

Concen: 48.313 ng

RT: 19.10 min Scan# 2691

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampleId :

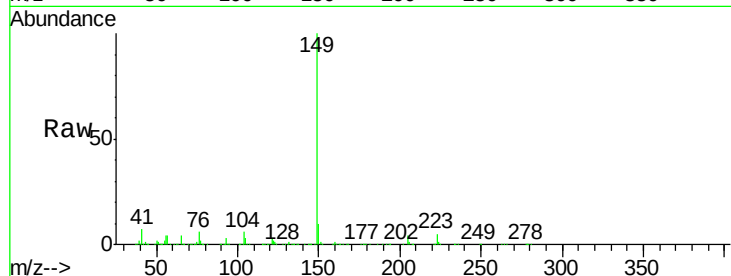
Tot Ion:149 Resp: 927534

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

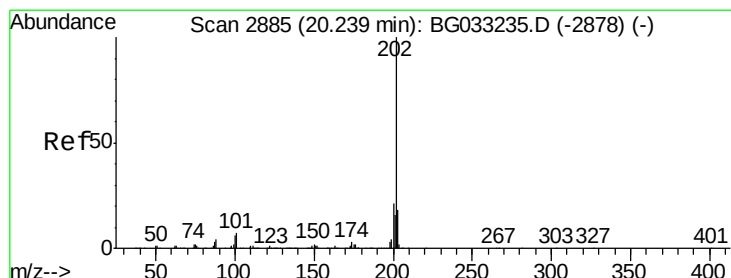
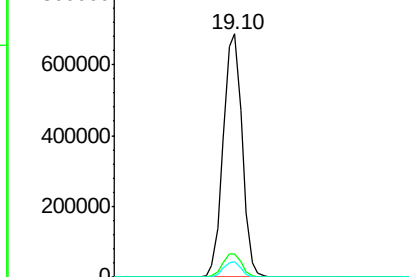
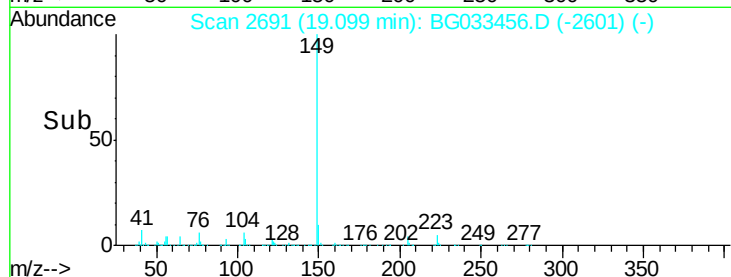
104 6.4 3.9 5.9#



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: 47.486 ng

RT: 20.21 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

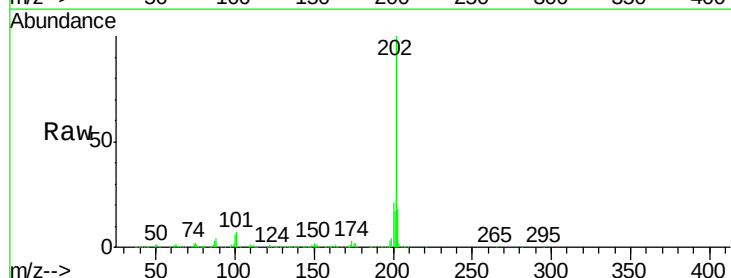
Tgt Ion:202 Resp: 1080256

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.9

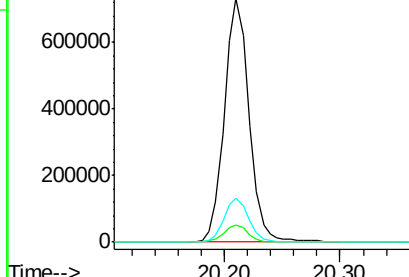
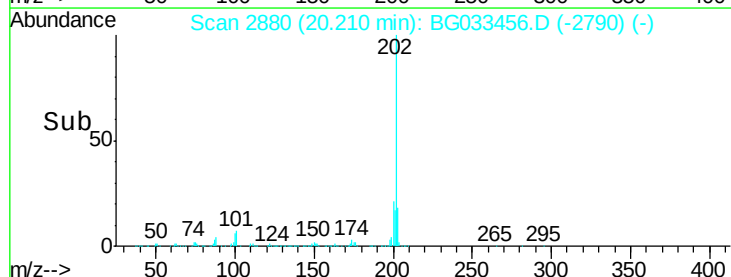
203 18.2 0.0 37.5

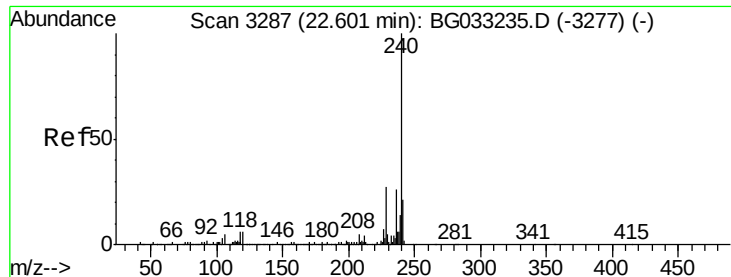


Abundance Ion 202.00 (201.70 to 202.70): E

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: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampled :

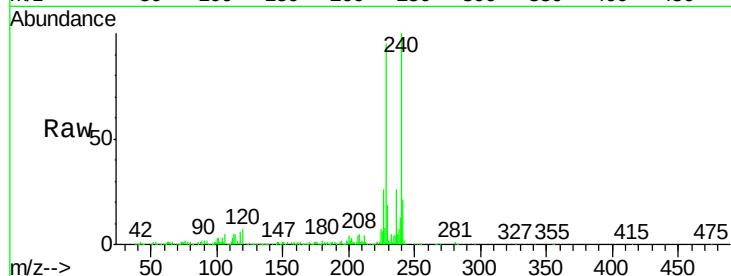
Tot Ion:240 Resp: 354293

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

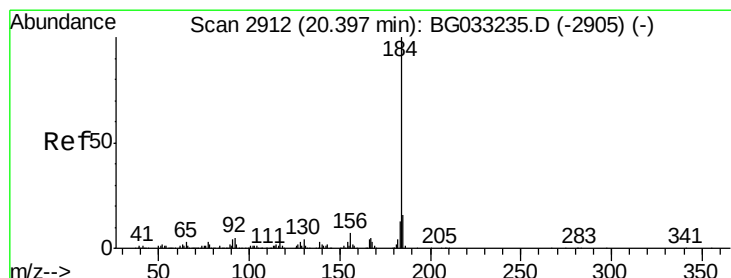
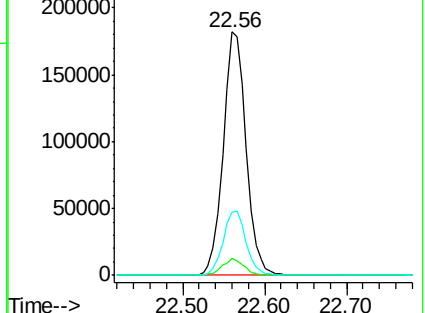
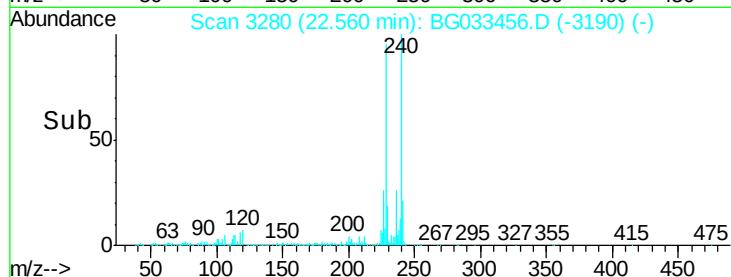
236 25.8 20.9 31.3



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: 10.787 ng

RT: 20.37 min Scan# 2908

Delta R.T. 0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

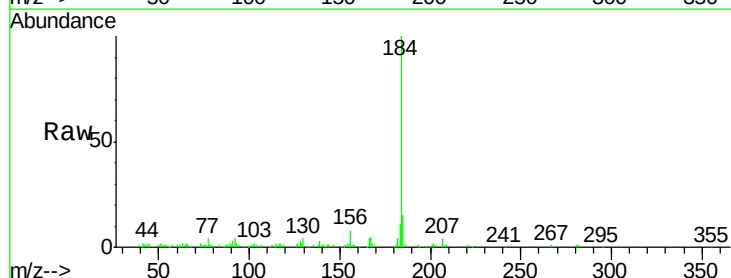
Tgt Ion:184 Resp: 103636

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

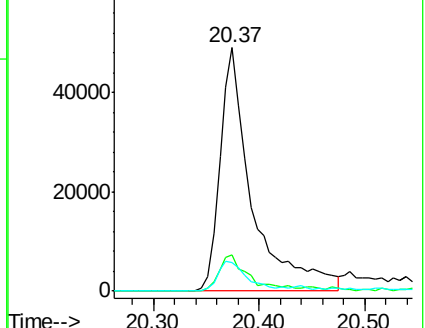
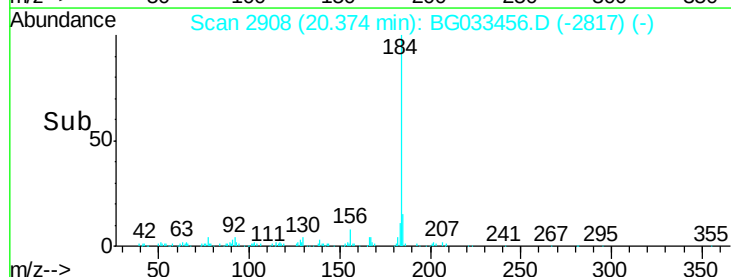
183 11.5 10.6 16.0

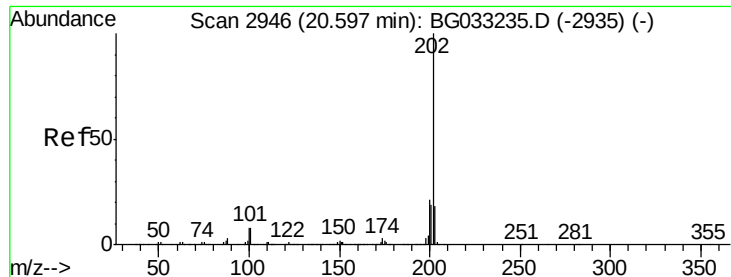


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.924 ng

RT: 20.57 min Scan# 2941

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

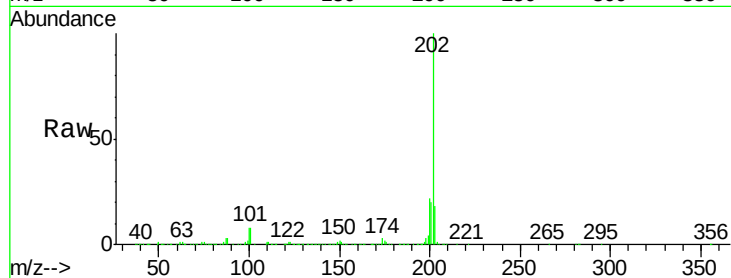
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1085156

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	18.1	13.9	20.9

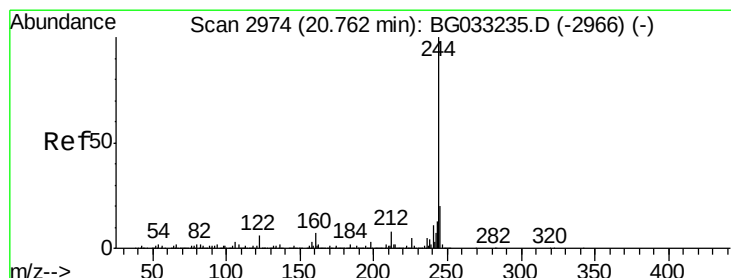
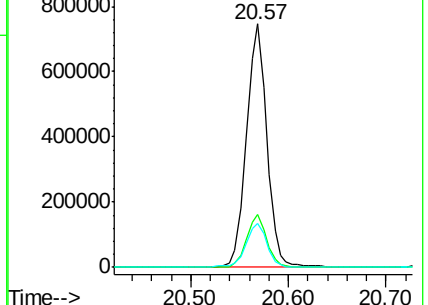
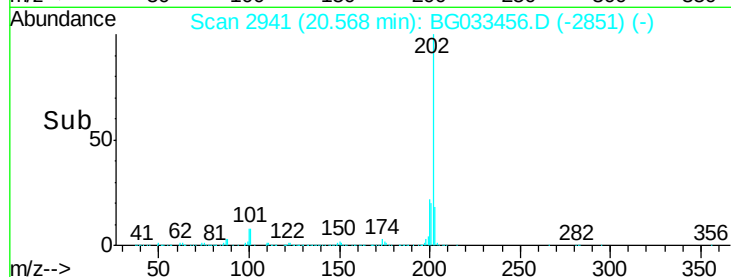


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 98.226 ng

RT: 20.73 min Scan# 2969

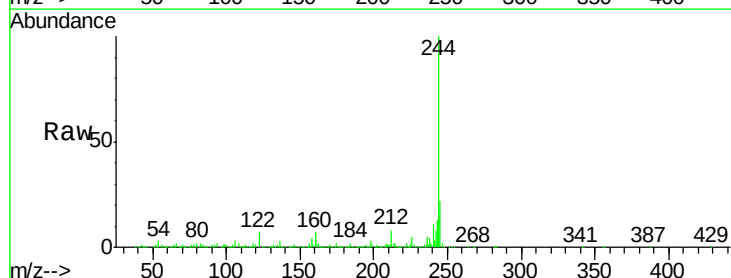
Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Tgt Ion:244 Resp: 1627259

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	7.2	7.0	10.4

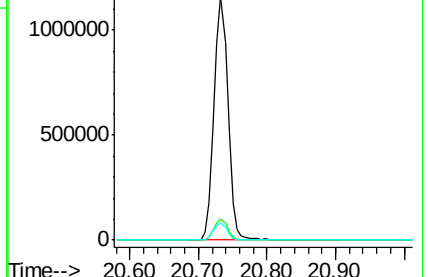
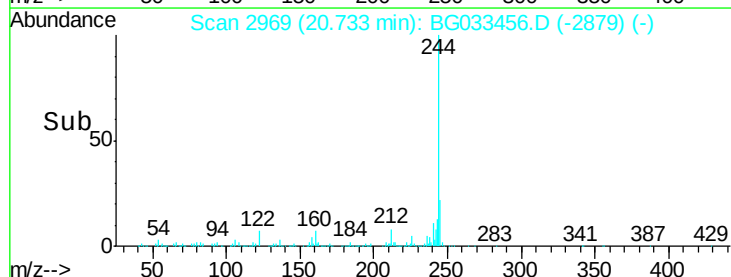


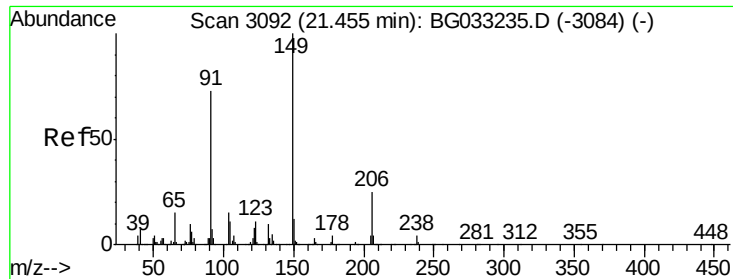
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

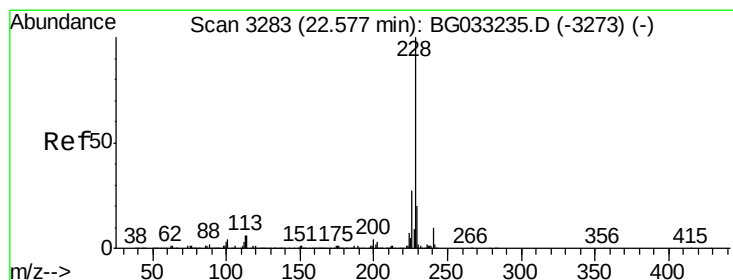
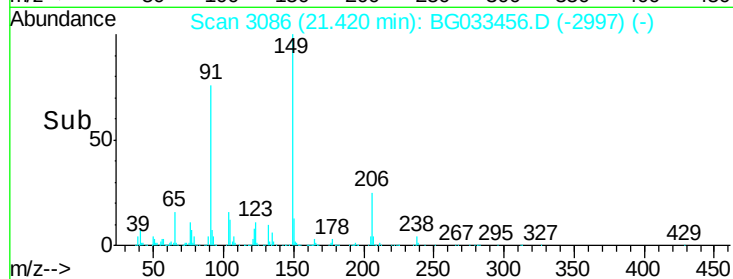
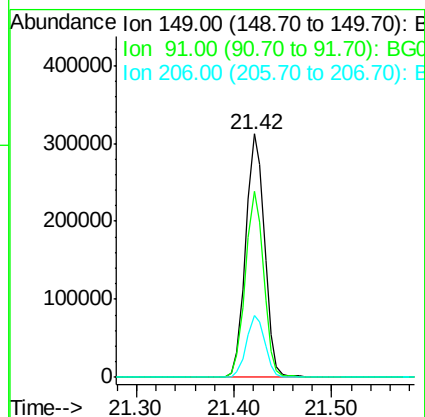
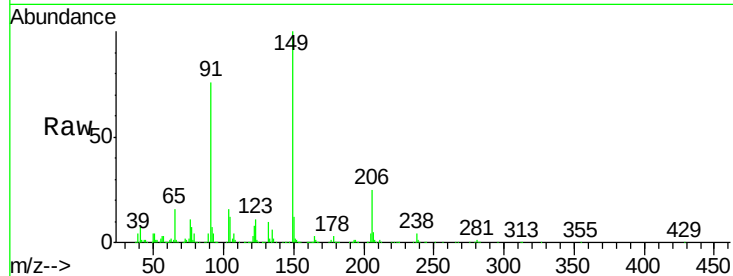




#79
Butylbenzylphthalate
Concen: 48.425 ng
RT: 21.42 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

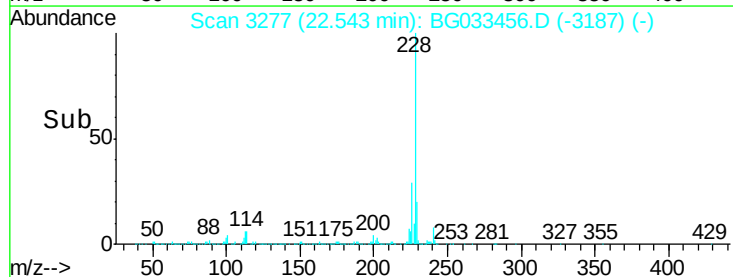
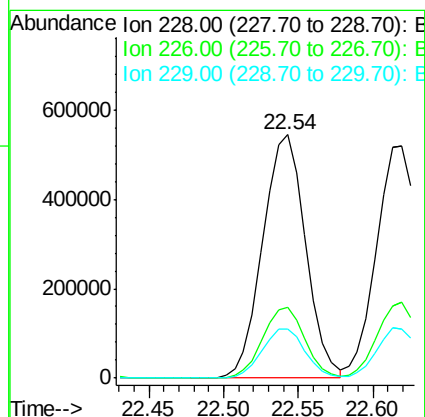
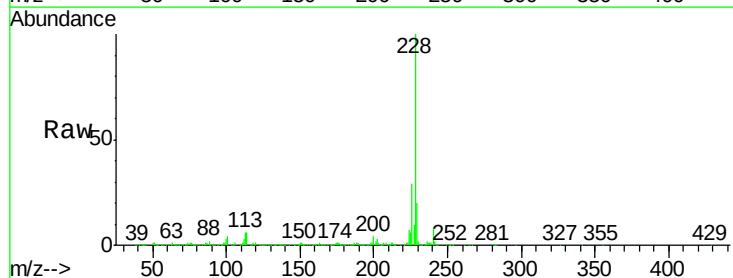
Instrument :
BNA_G
ClientSampleId :

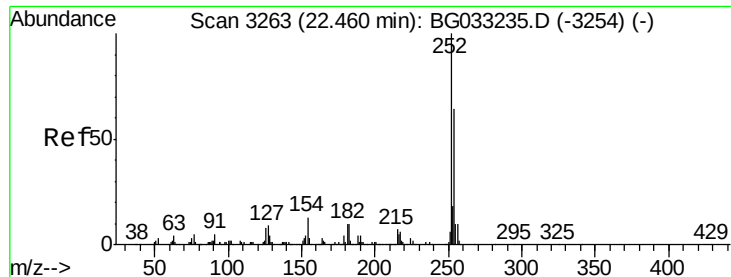
Tot Ion:149 Resp: 422256
Ion Ratio Lower Upper
149 100
91 76.2 62.2 93.2
206 25.2 18.6 27.8



#80
Benzo(a)anthracene
Concen: 48.207 ng
RT: 22.54 min Scan# 3277
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion:228 Resp: 1087535
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 20.3 16.2 24.2





#81

3,3'-Dichlorobenzidine

Concen: 33.854 ng

RT: 22.43 min Scan# 3257

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampleId :

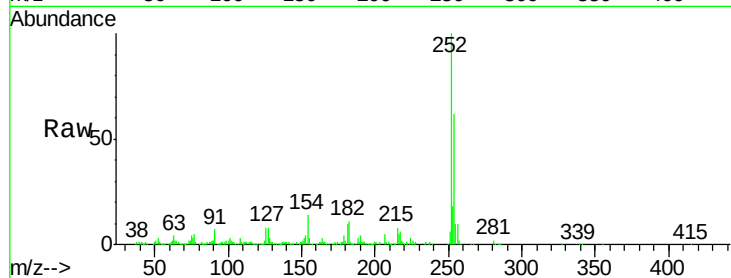
Tot Ion:252 Resp: 271777

Ion Ratio Lower Upper

252 100

254 61.8 50.8 76.2

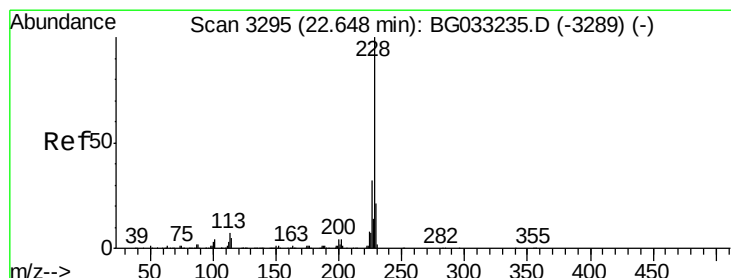
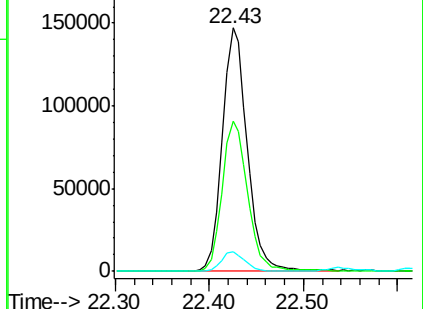
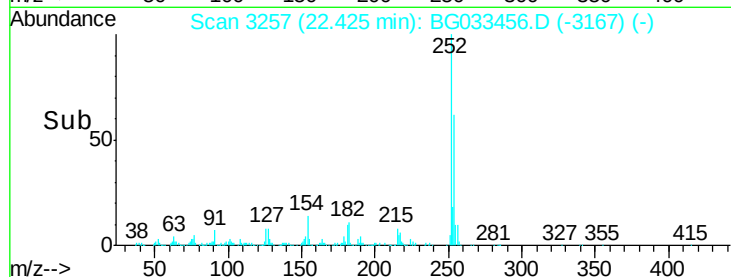
126 8.2 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 47.160 ng

RT: 22.62 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

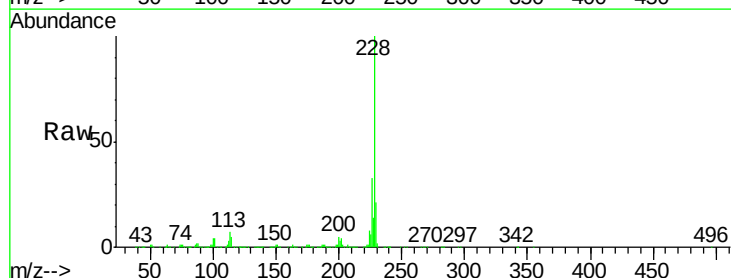
Tgt Ion:228 Resp: 1029877

Ion Ratio Lower Upper

228 100

226 32.9 24.9 37.3

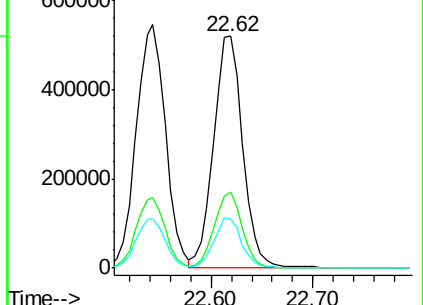
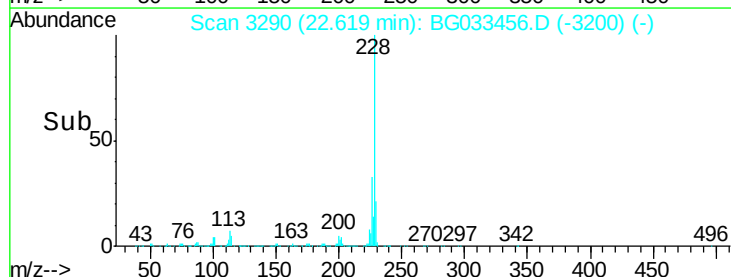
229 20.9 15.0 22.4

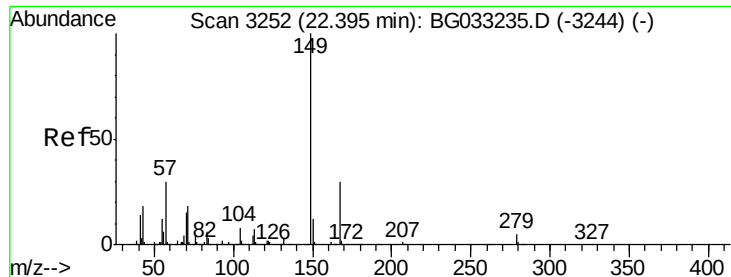


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.101 ng

RT: 22.36 min Scan# 3246

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

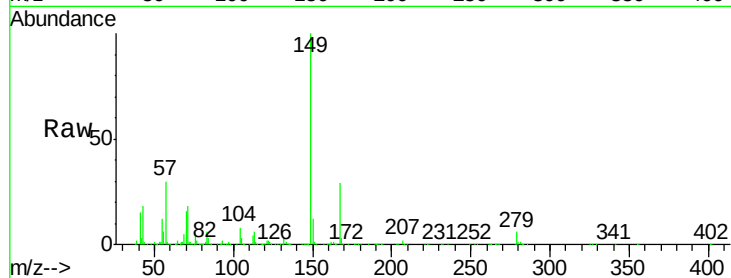
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 590208

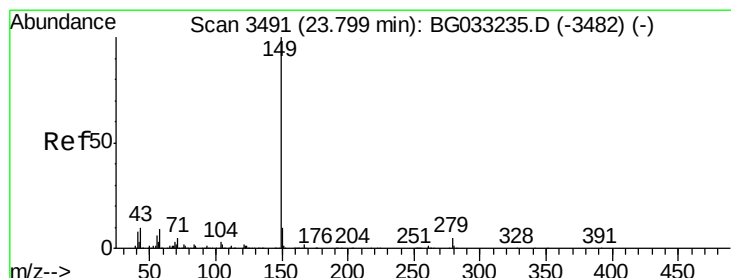
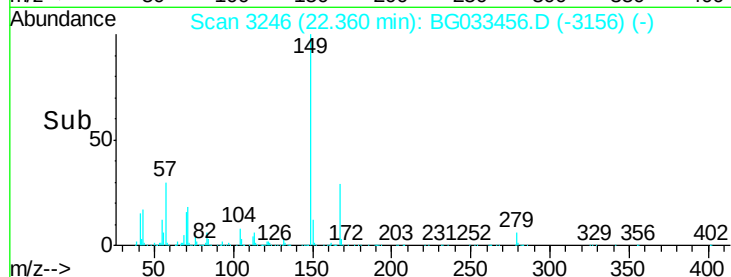
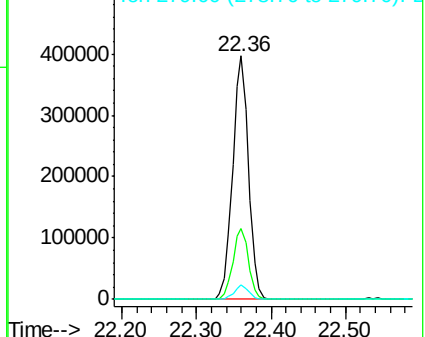
Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.3	36.5
279	5.9	4.0	6.0



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: 55.448 ng

RT: 23.75 min Scan# 3483

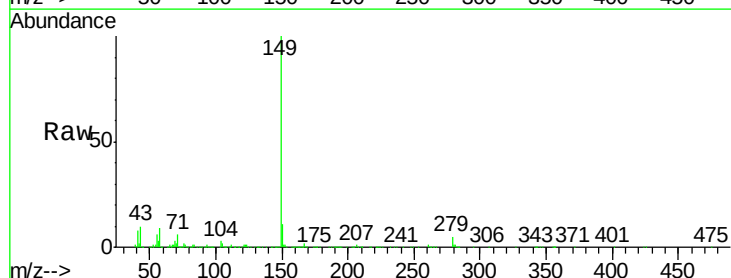
Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Tgt Ion:149 Resp: 1020478

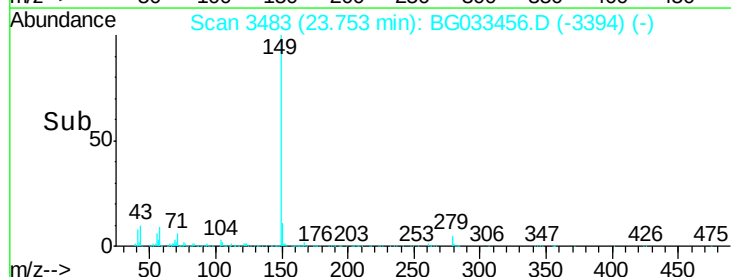
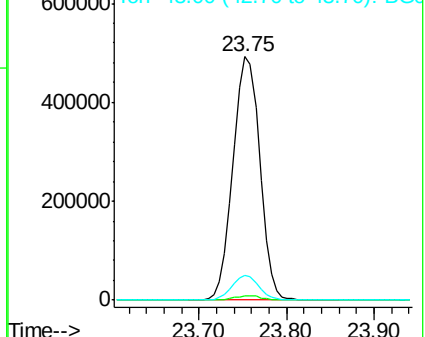
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.2	8.9	13.3

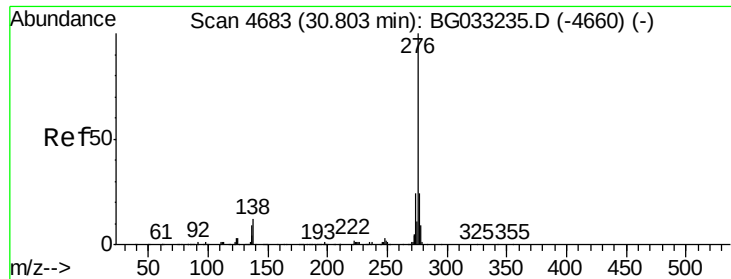


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.955 ng

RT: 30.71 min Scan# 4667

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampleId :

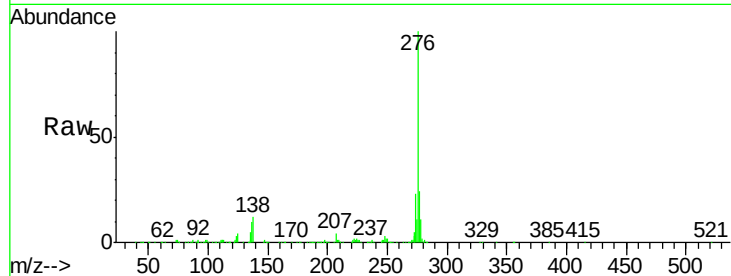
Tot Ion:276 Resp: 1250311

Ion Ratio Lower Upper

276 100

138 11.6 16.0 24.0#

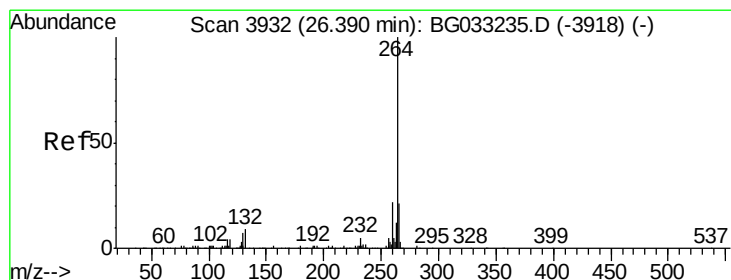
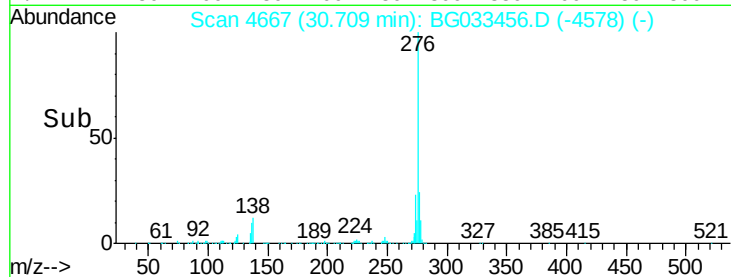
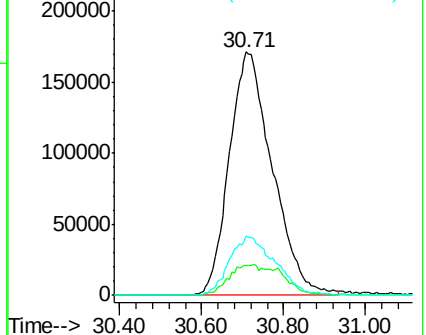
277 25.8 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

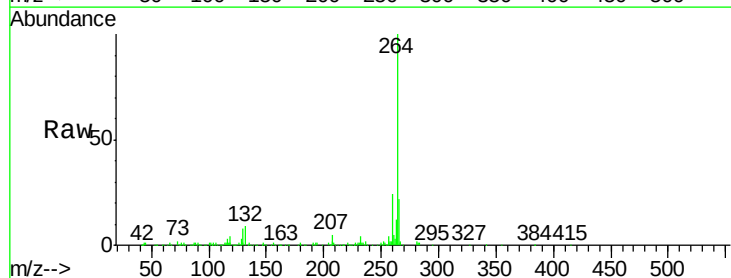
Tgt Ion:264 Resp: 389167

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

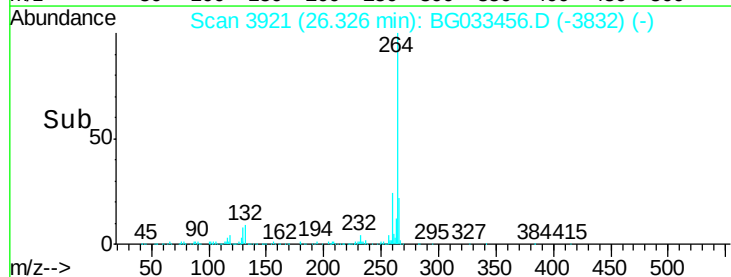
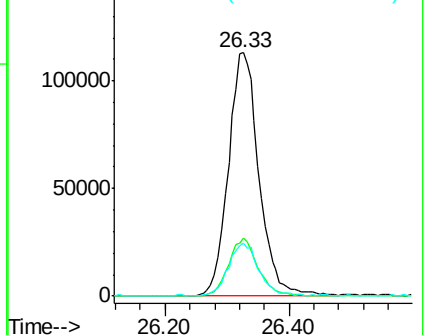
265 21.9 17.7 26.5

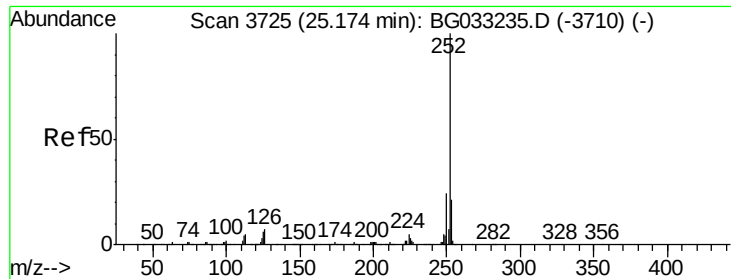


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

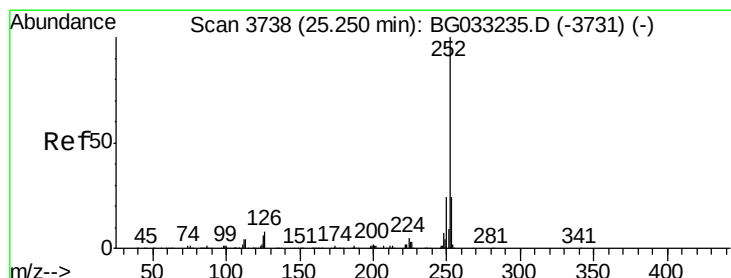
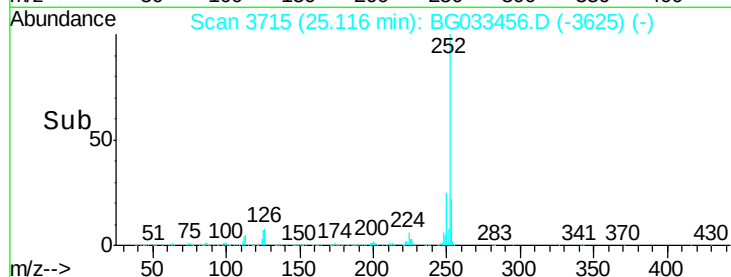
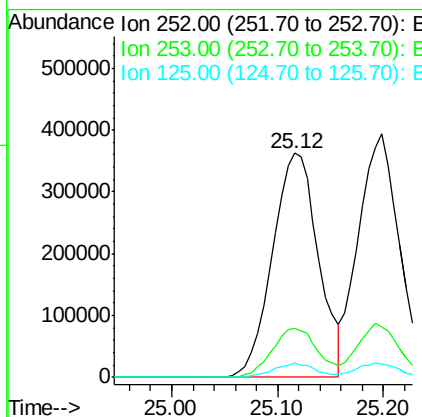
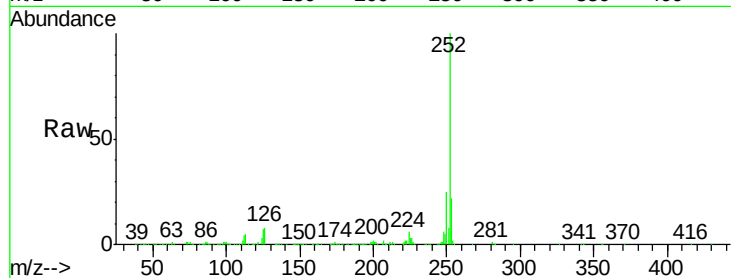




#87
Benzo(b)fluoranthene
Concen: 48.533 ng
RT: 25.12 min Scan# 3715
Delta R.T. -0.00 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

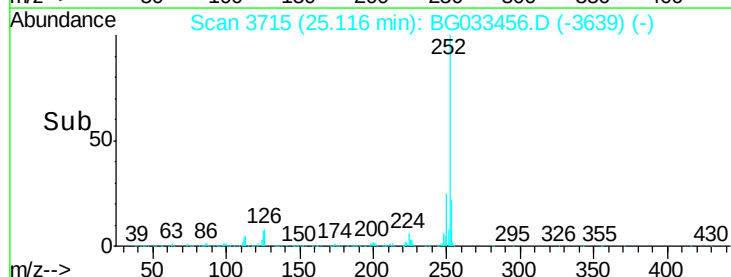
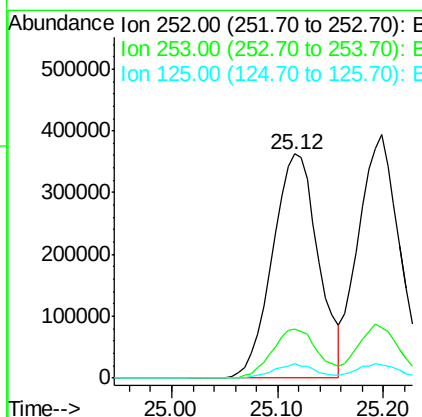
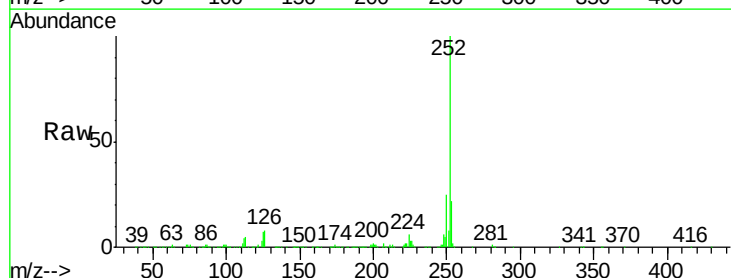
Instrument :
BNA_G
ClientSampled :

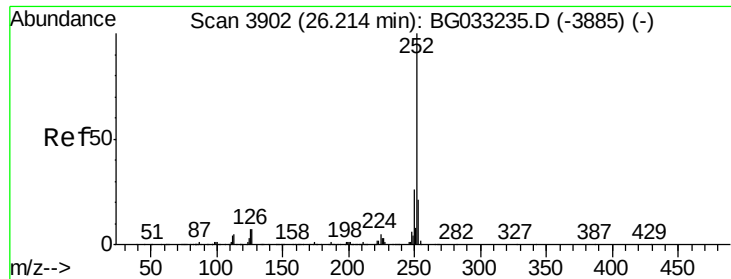
Tot Ion:252 Resp: 1091208
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 6.6 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 47.986 ng
RT: 25.12 min Scan# 3715
Delta R.T. -0.08 min
Lab File: BG033456.D
Acq: 30 Mar 2018 20:09

Tgt Ion:252 Resp: 1091208
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 6.6 6.6 9.8





#89

Benzo(a)pyrene

Concen: 49.468 ng

RT: 26.15 min Scan# 3891

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampleId :

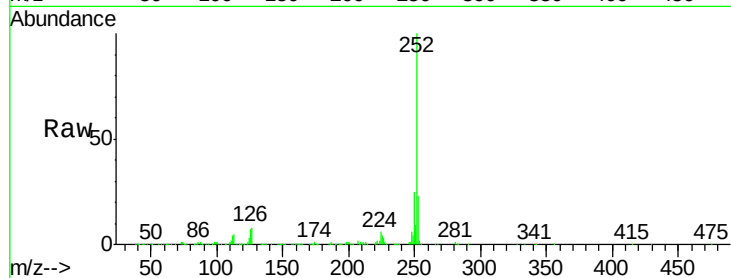
Tot Ion:252 Resp: 1068126

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

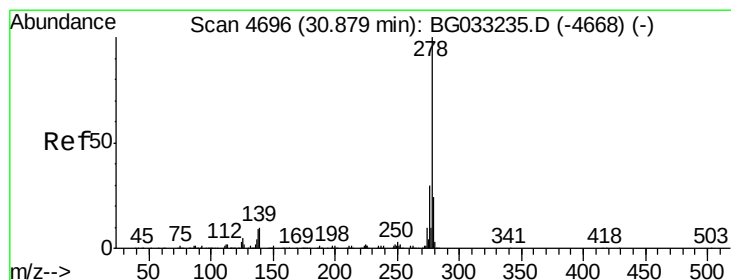
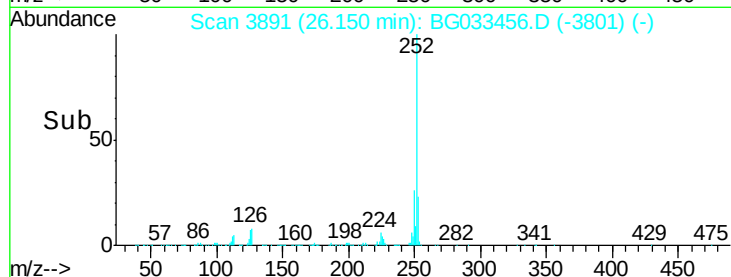
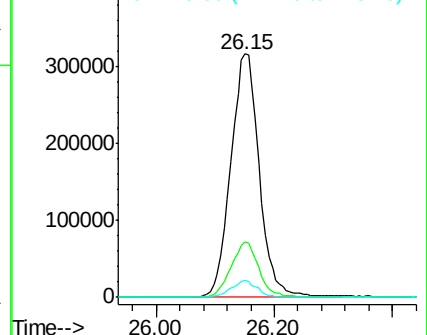
125 6.8 7.3 10.9#



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: 51.377 ng

RT: 30.78 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

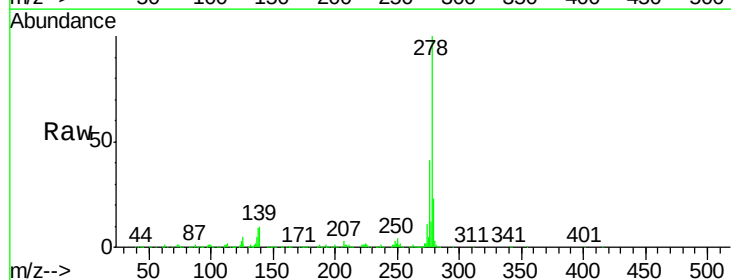
Tgt Ion:278 Resp: 1044960

Ion Ratio Lower Upper

278 100

139 9.7 9.8 14.6#

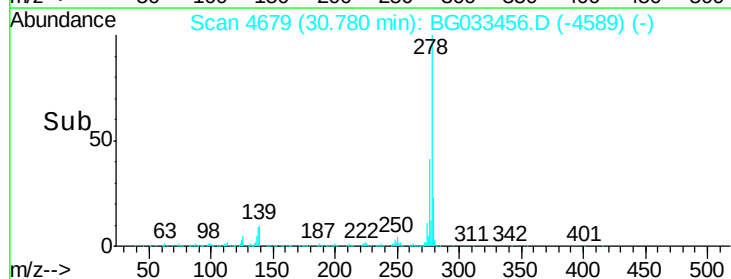
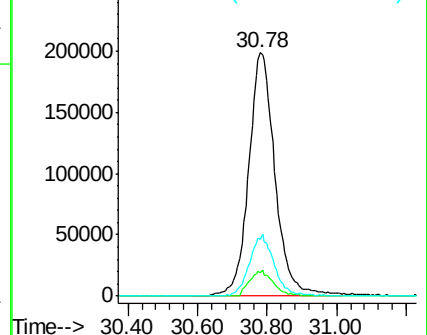
279 23.4 18.4 27.6

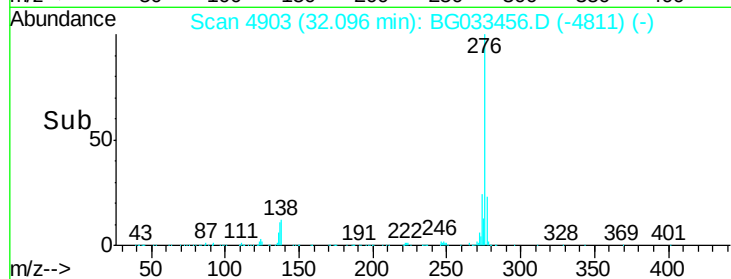
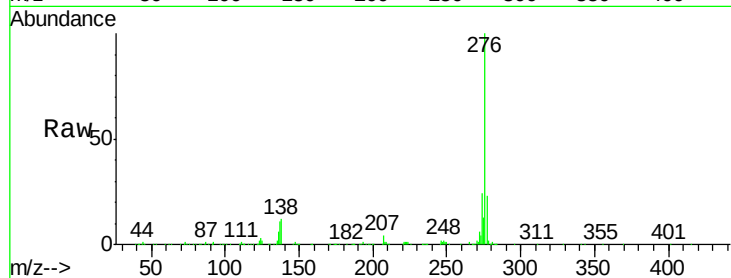
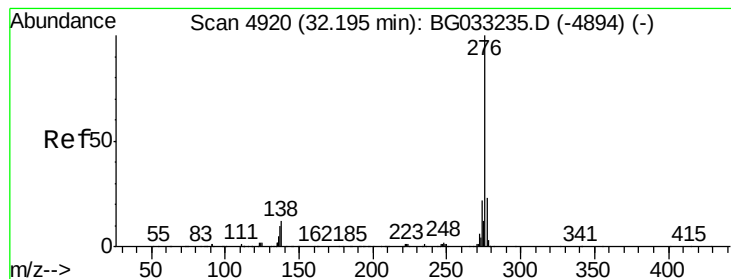


Abundance Ion 278.00 (277.70 to 278.70): E

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: 50.753 ng

RT: 32.10 min Scan# 4903

Delta R.T. 0.01 min

Lab File: BG033456.D

Acq: 30 Mar 2018 20:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1022182

Ion Ratio Lower Upper

276 100

277 23.1 18.3 27.5

138 11.5 13.9 20.9#

