

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031416.D
 Acq On : 8 Dec 2017 10:26
 Operator : SJ/JU
 Sample : PB104800BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 08 13:21:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	41845	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	191504	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	141242	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	399450	20.00	ng	0.00
75) Chrysene-d12	21.77	240	449120	20.00	ng	0.00
86) Perylene-d12	25.06	264	441094	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	228067	93.46	ng	0.00
7) Phenol-d6	7.30	99	311197	94.66	ng	0.00
23) Nitrobenzene-d5	9.29	82	270489	83.70	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	165202	72.30	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	803541	81.75	ng	0.00
78) Terphenyl-d14	20.08	244	1534949	75.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	30919	31.222	ng	89
3) Pyridine	3.94	79	87624	30.478	ng	95
4) n-Nitrosodimethylamine	3.85	42	51109	37.510	ng	# 82
6) Aniline	7.45	93	51320	11.861	ng	94
8) 2-Chlorophenol	7.69	128	118330	43.940	ng	88
9) Benzaldehyde	7.27	77	39529	17.182	ng	94
10) Phenol	7.32	94	156770	45.918	ng	96
11) bis(2-Chloroethyl)ether	7.54	93	104629	38.381	ng	92
12) 1,3-Dichlorobenzene	8.01	146	122243	38.690	ng	97
13) 1,4-Dichlorobenzene	8.16	146	124184	38.786	ng	97
14) 1,2-Dichlorobenzene	8.48	146	121738	39.614	ng	98
15) Benzyl Alcohol	8.36	79	105091	39.852	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	174170	57.843	ng	93
17) 2-Methylphenol	8.58	107	106661	44.863	ng	97
18) Hexachloroethane	9.21	117	44587	40.012	ng	90
19) n-Nitroso-di-n-propylamine	8.93	70	90600	36.245	ng	# 94
20) 3+4-Methylphenols	8.90	107	147712	43.693	ng	97
22) Acetophenone	8.95	105	167626	35.155	ng	# 93
24) Nitrobenzene	9.34	77	135261	40.972	ng	# 91
25) Isophorone	9.86	82	257340	40.829	ng	# 93
26) 2-Nitrophenol	10.05	139	69657	40.480	ng	# 89
27) 2,4-Dimethylphenol	10.11	122	122381	47.905	ng	92
28) bis(2-Chloroethoxy)methane	10.33	93	159888	40.277	ng	97
29) 2,4-Dichlorophenol	10.60	162	138199	45.050	ng	93
30) 1,2,4-Trichlorobenzene	10.80	180	143145	39.084	ng	97
31) Naphthalene	10.99	128	367332	39.019	ng	99
32) Benzoic acid	10.26	122	56938	29.265	ng	# 82
33) 4-Chloroaniline	11.11	127	44595	10.821	ng	93
34) Hexachlorobutadiene	11.27	225	95598	37.637	ng	98
35) Caprolactam	11.87	113	28117	22.437	ng	# 81
36) 4-Chloro-3-methylphenol	12.22	107	150669	45.127	ng	# 86
37) 2-Methylnaphthalene	12.58	142	299264	41.179	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	183804	32.788	ng	96
40) Hexachlorocyclopentadiene	12.92	237	154009	75.044	ng	91

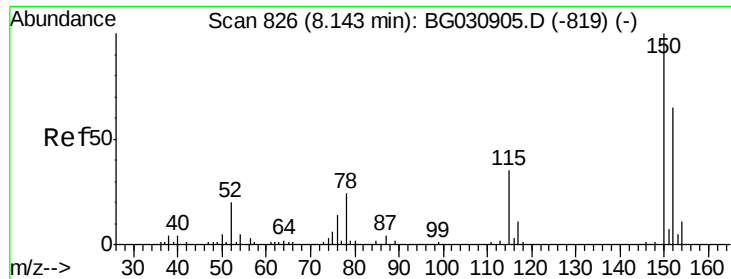
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031416.D
 Acq On : 8 Dec 2017 10:26
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	132296	41.282	ng	100
43) 2,4,5-Trichlorophenol	13.28	196	142632	40.679	ng	93
45) 1,1'-Biphenyl	13.58	154	402461	34.362	ng	97
46) 2-Chloronaphthalene	13.63	162	334707	39.608	ng	97
47) 2-Nitroaniline	13.83	65	108820	43.447	ng	89
48) Acenaphthylene	14.47	152	528675	38.224	ng	98
49) Dimethylphthalate	14.20	163	497524	40.739	ng	98
50) 2,6-Dinitrotoluene	14.32	165	112293	44.611	ng	# 81
51) Acenaphthene	14.81	154	333499	38.609	ng	98
52) 3-Nitroaniline	14.66	138	30940	11.576	ng	# 80
53) 2,4-Dinitrophenol	14.88	184	105784	76.654	ng	# 54
54) Dibenzofuran	15.14	168	561780	40.831	ng	98
55) 4-Nitrophenol	14.99	139	165322	86.833	ng	# 88
56) 2,4-Dinitrotoluene	15.12	165	165293	45.423	ng	# 78
57) Fluorene	15.79	166	457240	40.934	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	148837	44.538	ng	93
59) Diethylphthalate	15.55	149	512409	41.307	ng	99
60) 4-Chlorophenyl-phenylether	15.78	204	271220	40.203	ng	92
61) 4-Nitroaniline	15.82	138	119695	42.292	ng	92
62) Azobenzene	16.07	77	422282	44.636	ng	97
64) 4,6-Dinitro-2-methylphenol	15.89	198	89045	33.537	ng	82
65) n-Nitrosodiphenylamine	16.00	169	440263	36.372	ng	97
66) 4-Bromophenyl-phenylether	16.67	248	182000	35.974	ng	97
67) Hexachlorobenzene	16.80	284	183242	34.087	ng	97
68) Atrazine	16.94	200	198382	39.723	ng	96
69) Pentachlorophenol	17.15	266	173942	58.536	ng	98
70) Phenanthrene	17.54	178	833617	40.081	ng	99
71) Anthracene	17.62	178	853878	40.973	ng	99
72) Carbazole	17.89	167	790260	40.471	ng	98
73) Di-n-butylphthalate	18.43	149	933906	38.952	ng	99
74) Fluoranthene	19.53	202	1109231	42.123	ng	98
76) Benzidine	19.71	184	235954	16.355	ng	98
77) Pyrene	19.90	202	1128536	42.346	ng	97
79) Butylbenzylphthalate	20.76	149	429231	40.394	ng	85
80) Benzo(a)anthracene	21.74	228	1105964	39.644	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	177611	15.772	ng	98
82) Chrysene	21.81	228	1056508	40.940	ng	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	604345	39.400	ng	99
84) Di-n-octyl phthalate	22.85	149	1027459	41.155	ng	96
85) Indeno(1,2,3-cd)pyrene	28.85	276	1191373	37.975	ng	99
87) Benzo(b)fluoranthene	24.08	252	1066649	39.977	ng	98
88) Benzo(k)fluoranthene	24.08	252	1066649	40.332	ng	99
89) Benzo(a)pyrene	24.91	252	1058223	41.749	ng	98
90) Dibenzo(a,h)anthracene	28.90	278	993551	38.350	ng	98
91) Benzo(g,h,i)perylene	30.04	276	1002205	39.857	ng	97

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

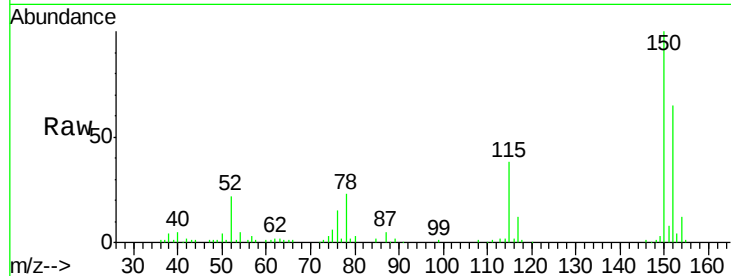


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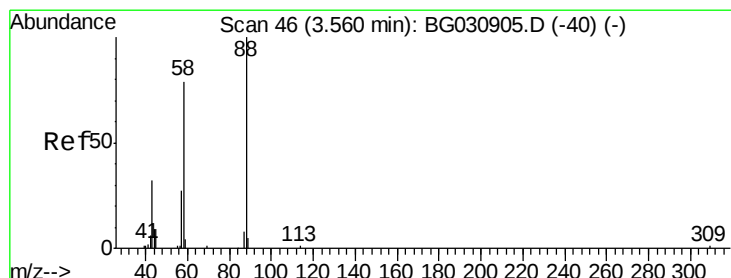
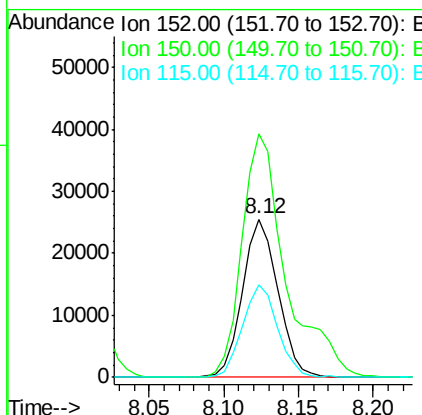
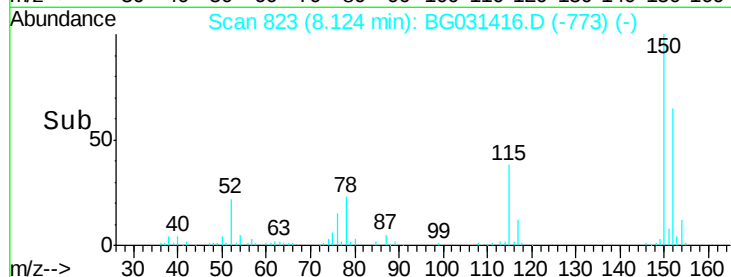
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 41845
Ion Ratio Lower Upper
152 100
150 153.9 126.6 189.8
115 58.8 53.0 79.4



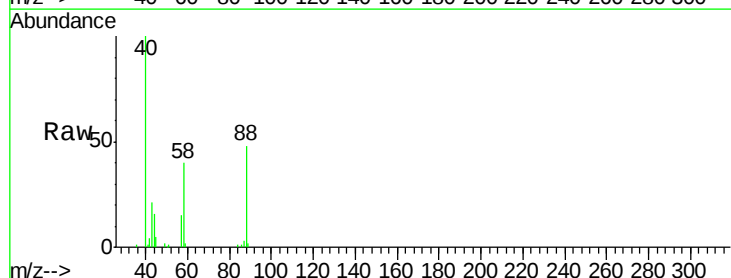
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



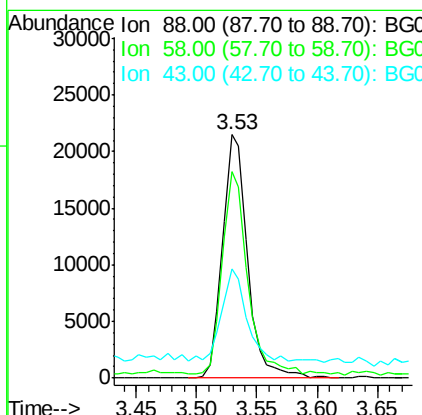
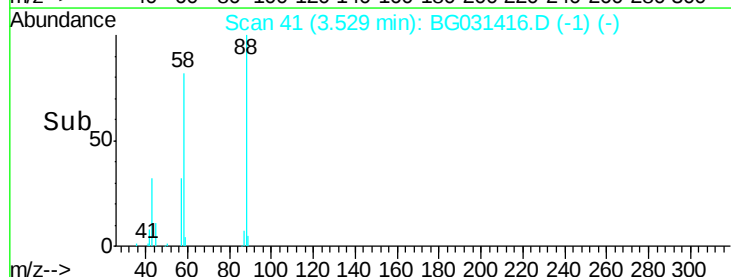
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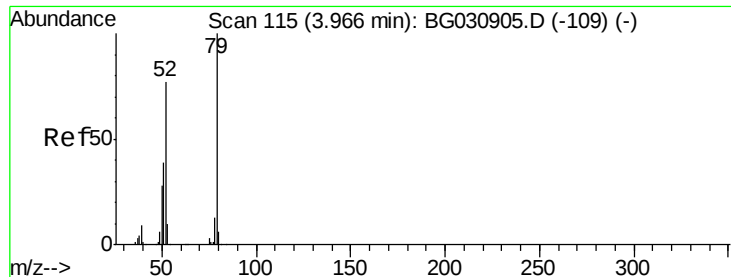
1,4-Dioxane
Concen: 31.222 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion: 88 Resp: 30919
Ion Ratio Lower Upper
88 100
58 85.4 79.6 119.4
43 35.7 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: 30.478 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampleId :

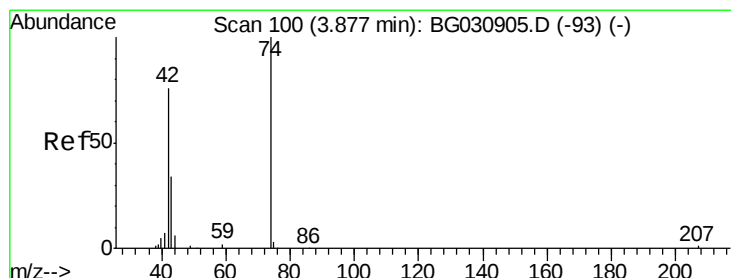
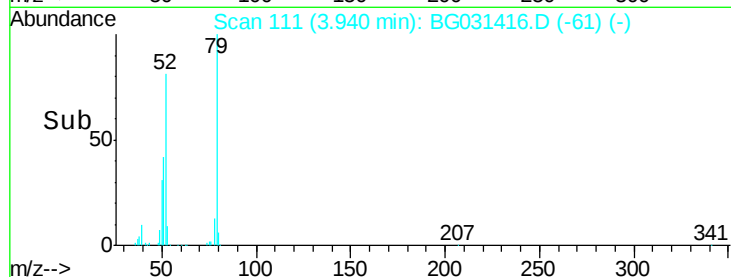
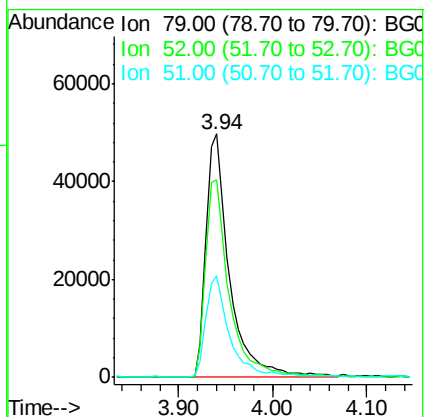
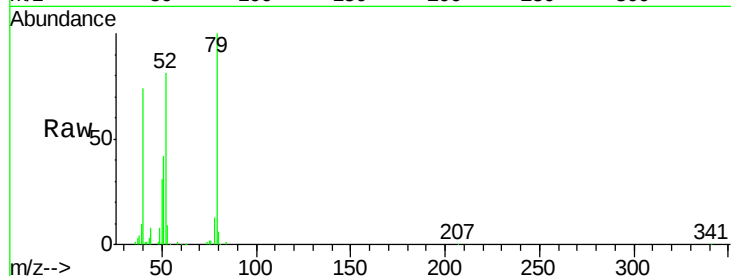
Tot Ion: 79 Resp: 87624

Ion Ratio Lower Upper

79 100

52 81.0 69.9 104.9

51 41.7 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 37.510 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

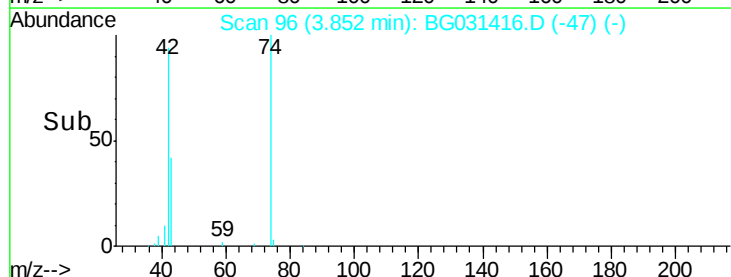
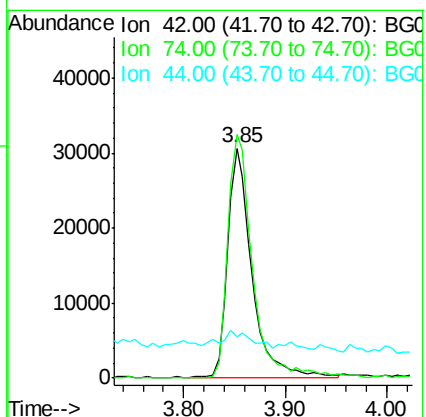
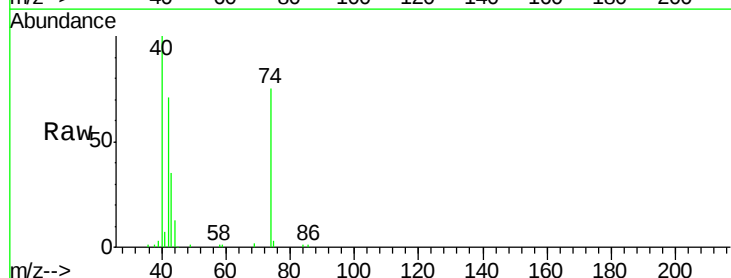
Tgt Ion: 42 Resp: 51109

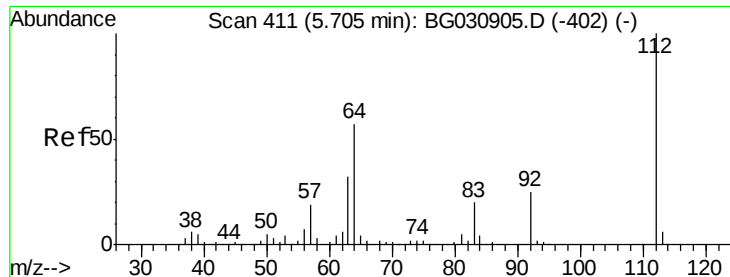
Ion Ratio Lower Upper

42 100

74 106.0 102.5 153.7

44 17.8 18.9 28.3#





#5

2-Fluorophenol

Concen: 93.459 ng

RT: 5.69 min Scan# 408

Delta R.T. 0.00 min

Lab File: BG031416.D

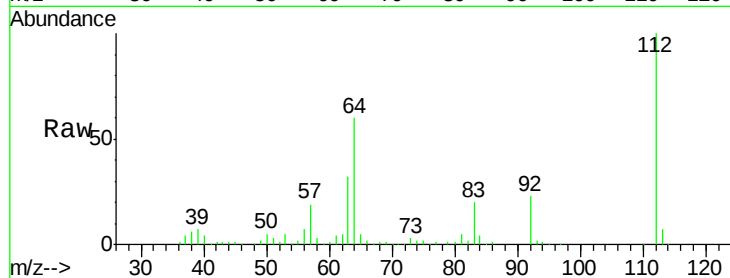
Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampleId :

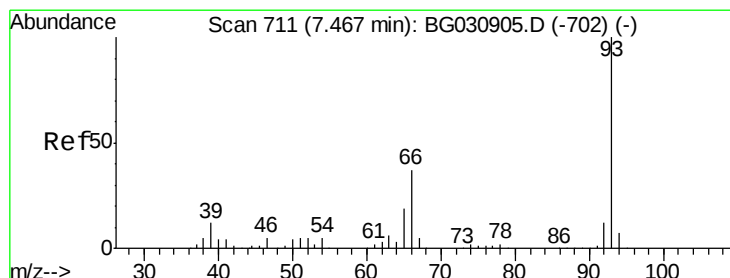
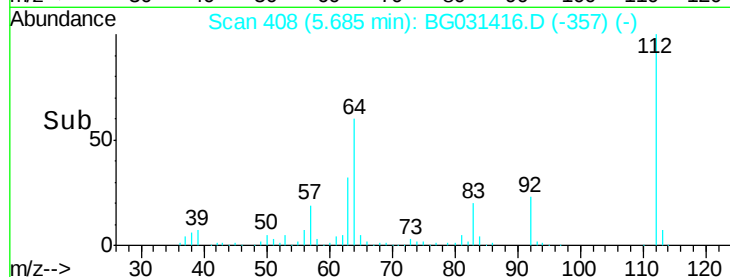
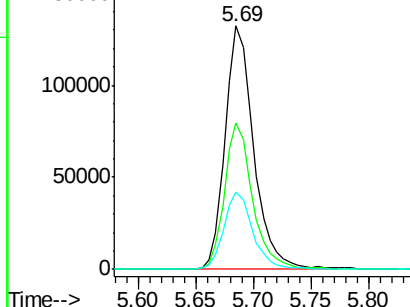
Tot Ion:	112	Resp:	228067
Ion	Ratio	Lower	Upper
112	100		
64	60.2	56.3	84.5
63	31.6	30.1	45.1



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: 11.861 ng

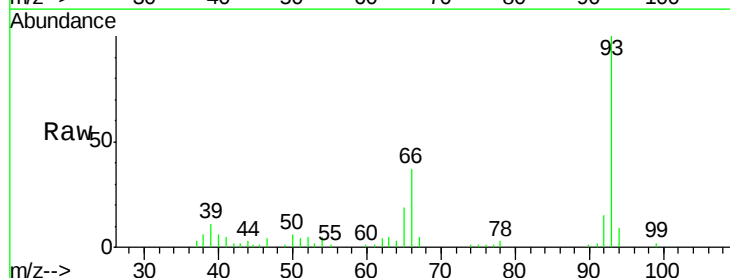
RT: 7.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

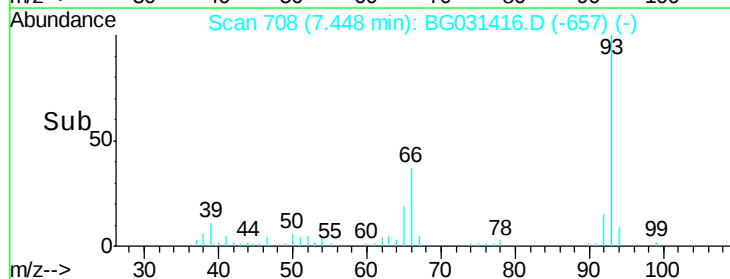
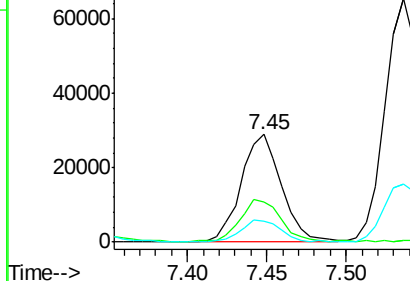
Tgt Ion:	93	Resp:	51320
Ion	Ratio	Lower	Upper
93	100		
66	37.1	33.7	50.5
65	18.9	16.1	24.1

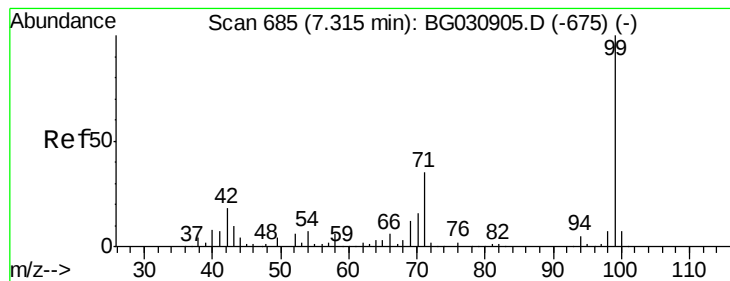


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 94.658 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampled :

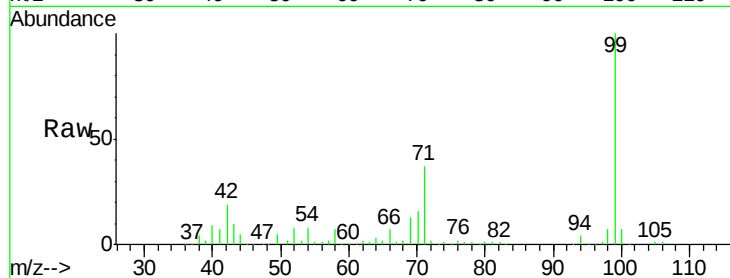
Tot Ion: 99 Resp: 311197

Ion Ratio Lower Upper

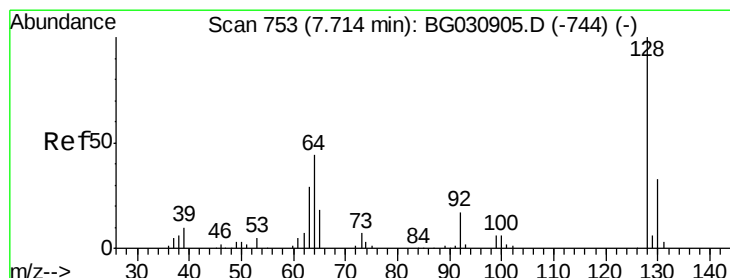
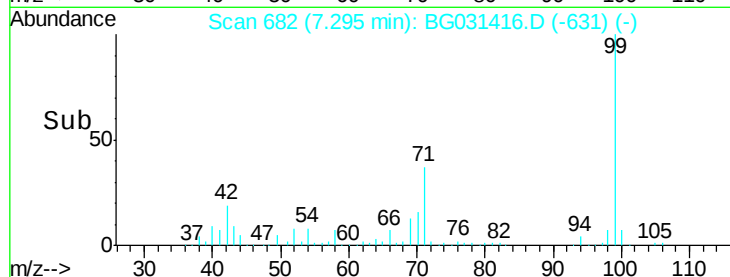
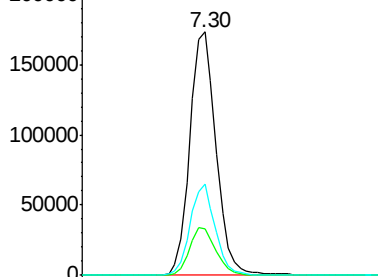
99 100

42 19.3 14.1 21.1

71 37.5 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: 43.940 ng

RT: 7.69 min Scan# 750

Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

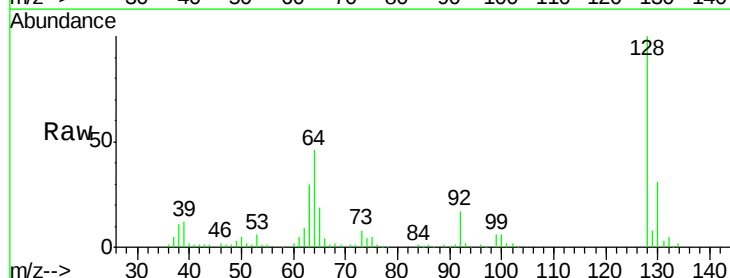
Tgt Ion: 128 Resp: 118330

Ion Ratio Lower Upper

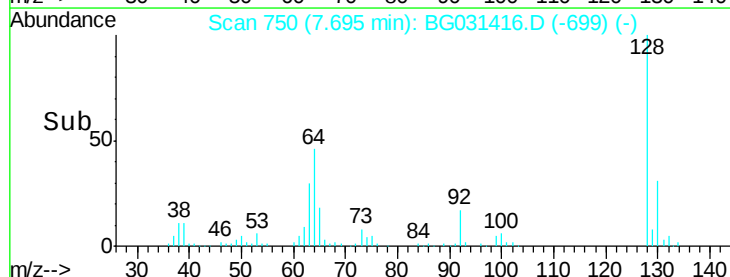
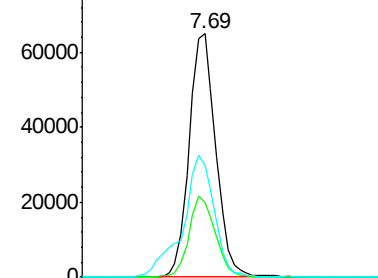
128 100

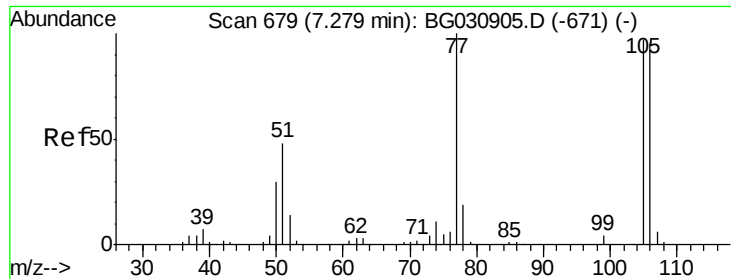
130 30.7 14.0 54.0

64 45.8 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

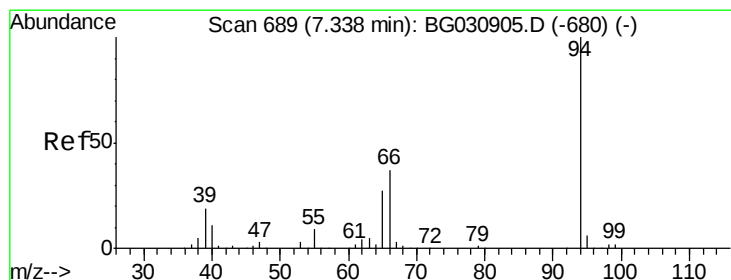
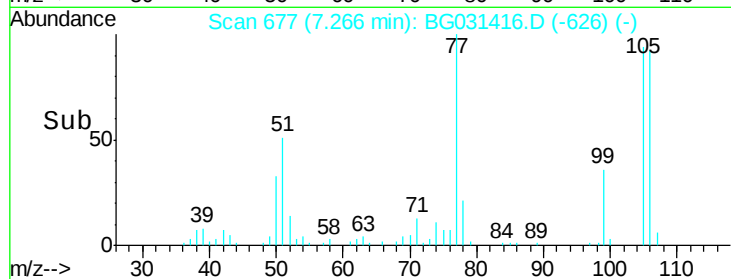
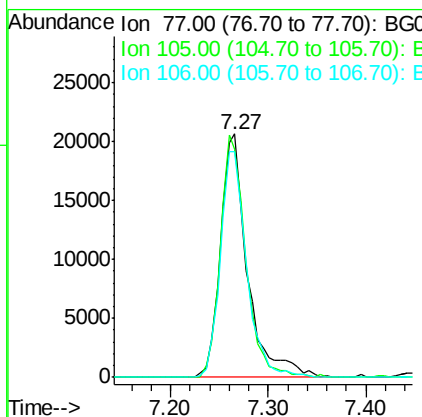
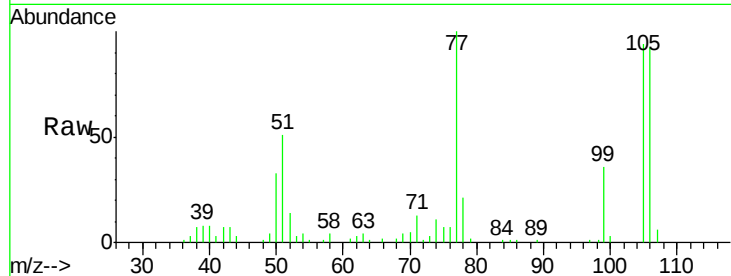




#9
Benzaldehyde
Concen: 17.182 ng
RT: 7.27 min Scan# 677
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

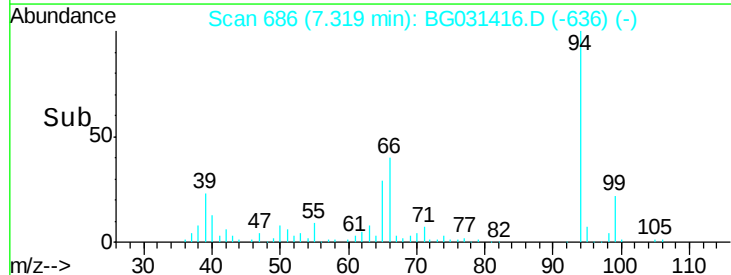
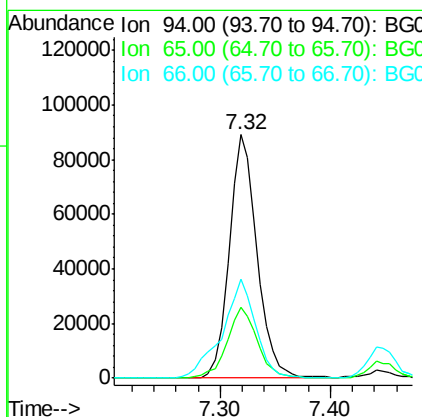
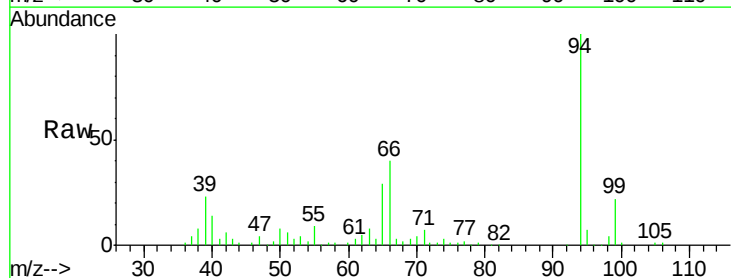
Instrument :
BNA_G
ClientSampled :

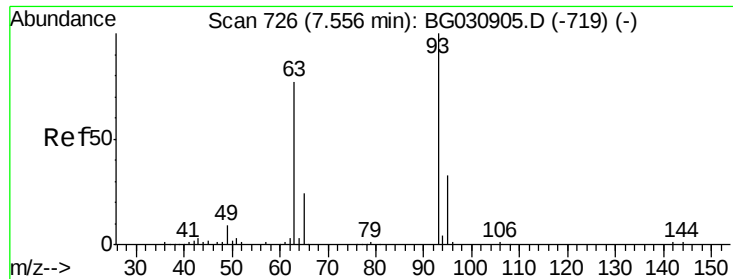
Tot Ion: 77 Resp: 39529
Ion Ratio Lower Upper
77 100
105 94.0 71.3 111.3
106 92.4 64.2 104.2



#10
Phenol
Concen: 45.918 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion: 94 Resp: 156770
Ion Ratio Lower Upper
94 100
65 29.1 11.9 51.9
66 40.4 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 38.381 ng

RT: 7.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampleId :

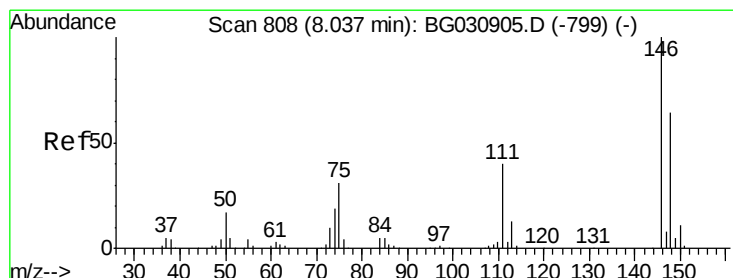
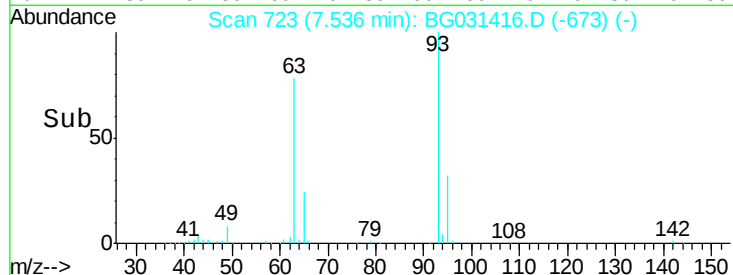
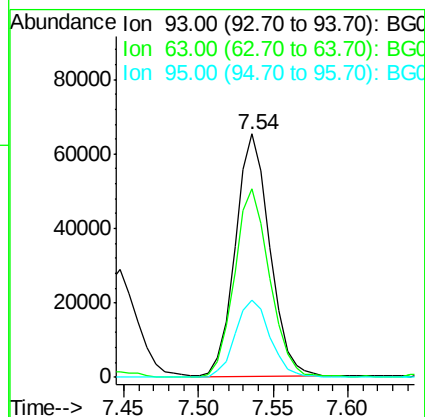
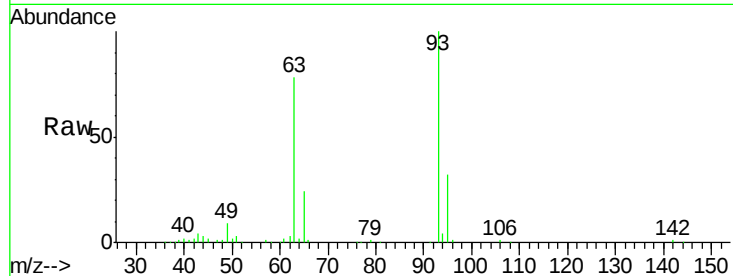
Tot Ion: 93 Resp: 104629

Ion Ratio Lower Upper

93 100

63 77.7 67.1 107.1

95 31.9 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 38.690 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

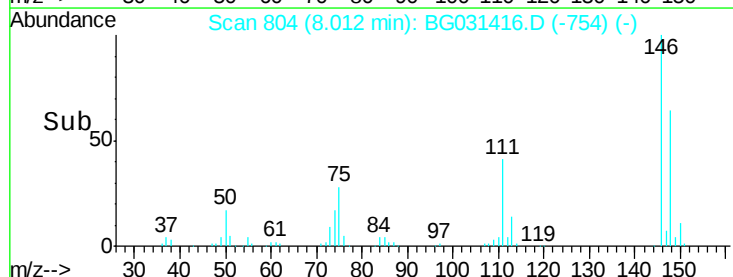
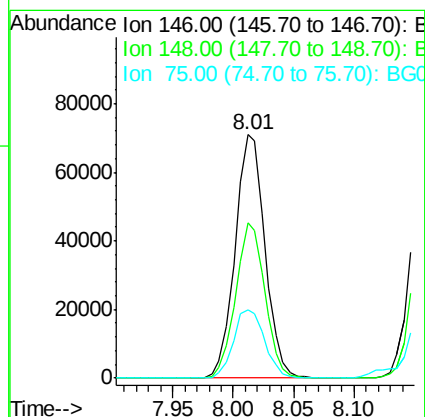
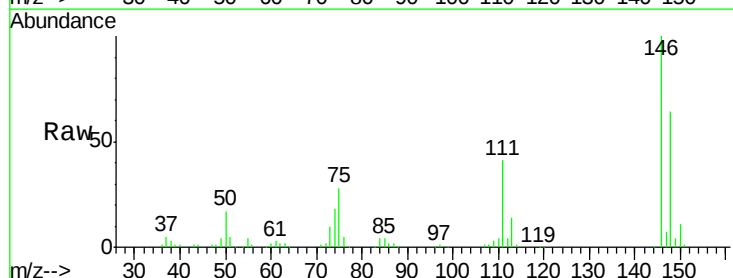
Tgt Ion: 146 Resp: 122243

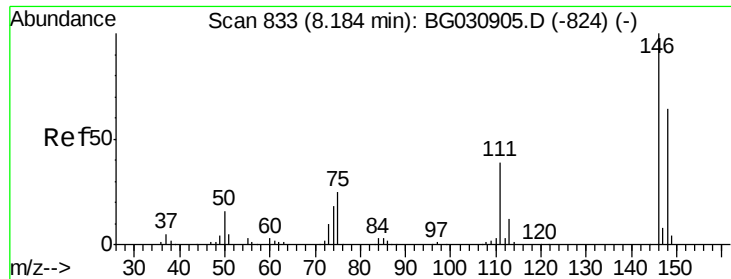
Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

75 28.3 26.6 39.8

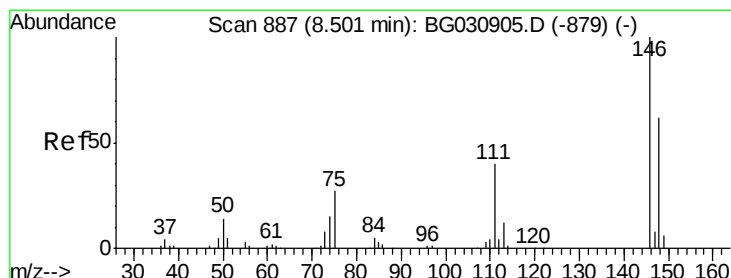
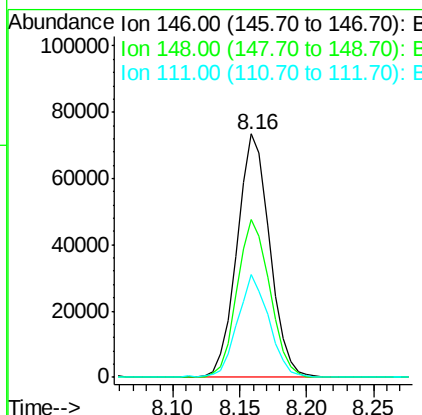
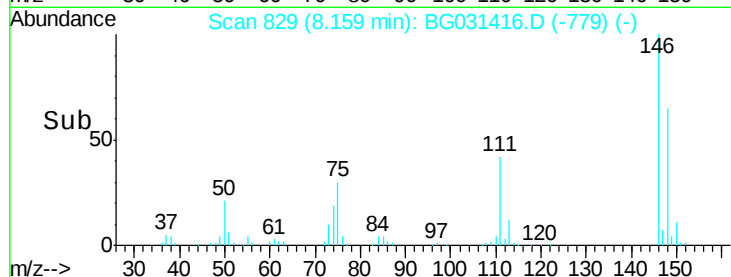
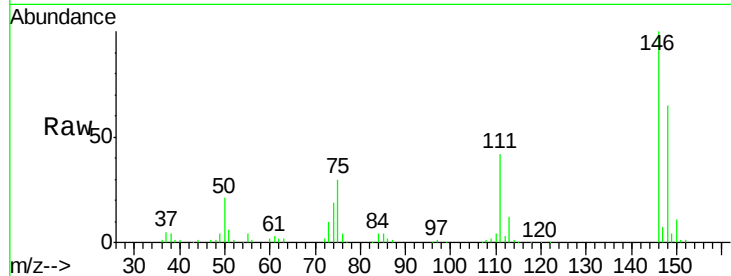




#13
 1,4-Dichlorobenzene
 Concen: 38.786 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

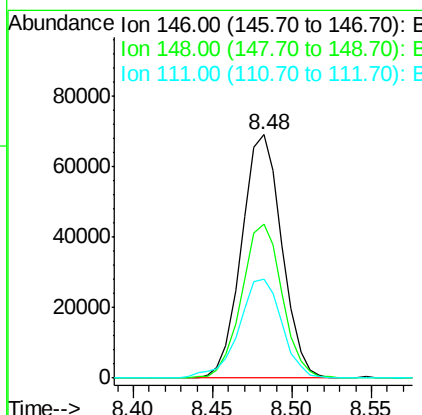
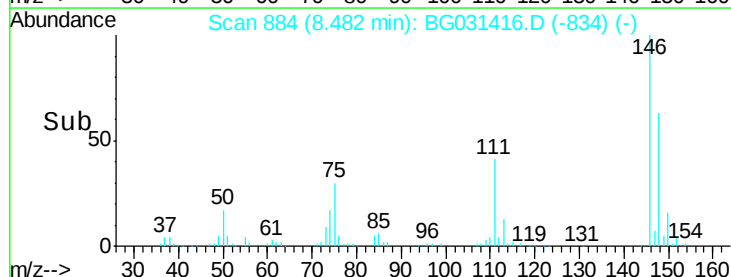
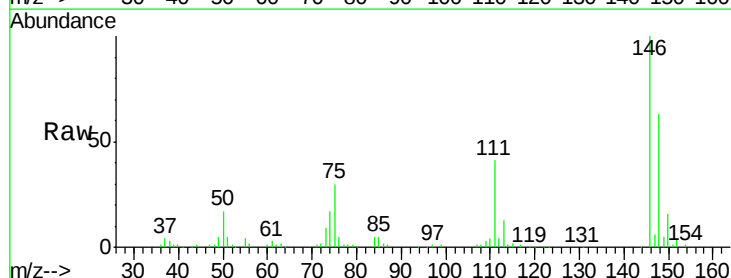
Instrument :
 BNA_G
 ClientSampled :

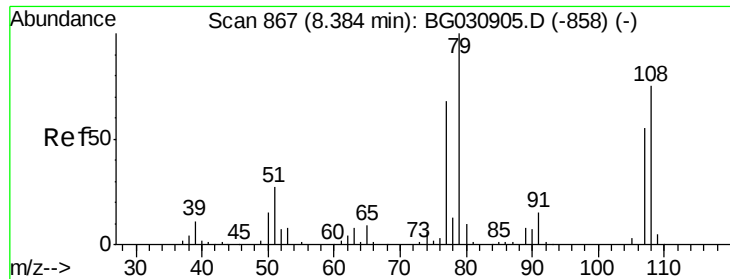
Tot Ion:146 Resp: 124184
 Ion Ratio Lower Upper
 146 100
 148 64.9 53.7 80.5
 111 42.3 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 39.614 ng
 RT: 8.48 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion:146 Resp: 121738
 Ion Ratio Lower Upper
 146 100
 148 63.0 49.3 73.9
 111 40.8 34.3 51.5





#15

Benzyl Alcohol

Concen: 39.852 ng

RT: 8.36 min Scan# 864

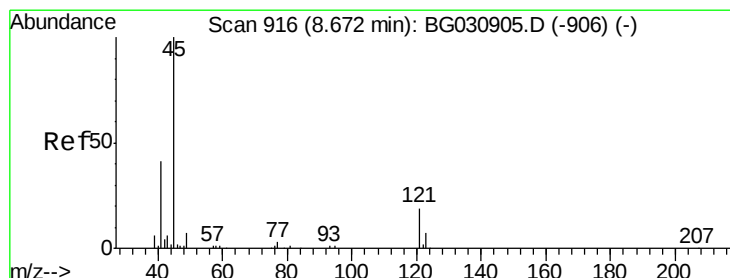
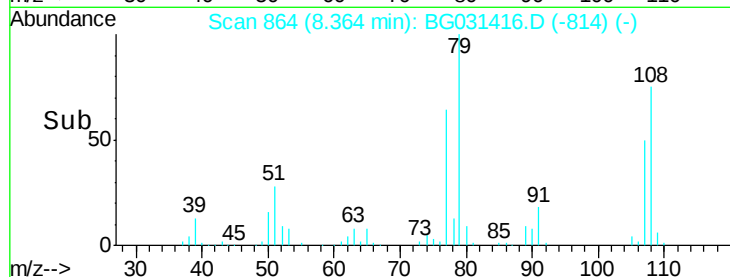
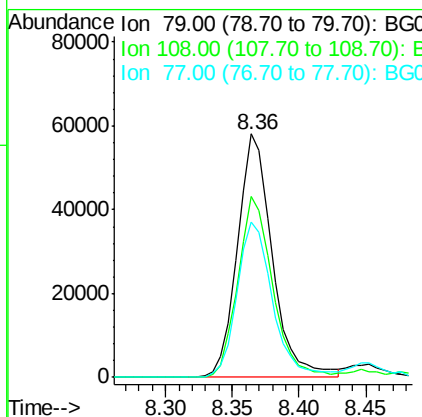
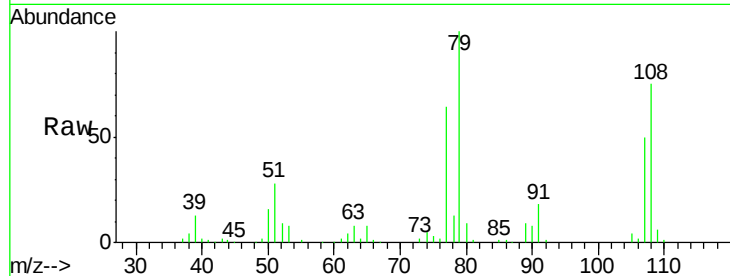
Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:	79	Resp:	105091
Ion	Ratio	Lower	Upper
79	100		
108	74.5	57.2	85.8
77	64.0	46.1	69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.843 ng

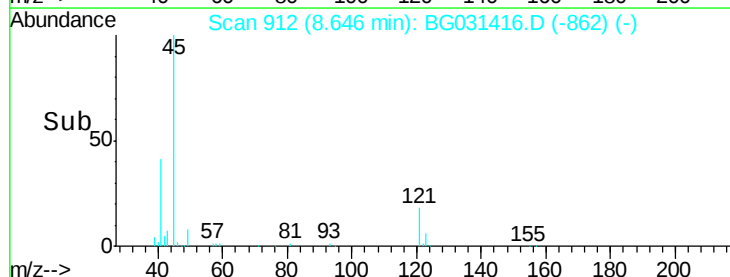
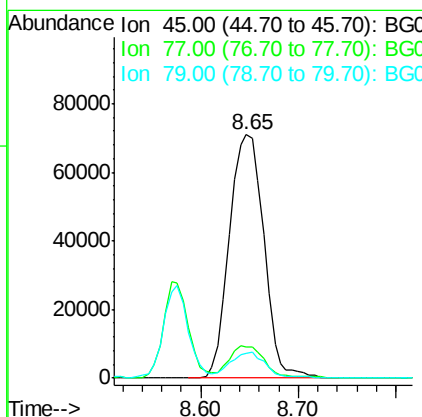
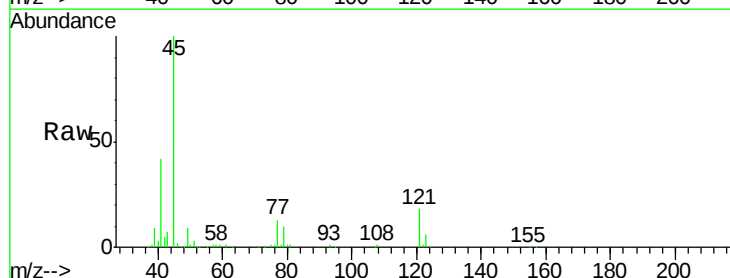
RT: 8.65 min Scan# 912

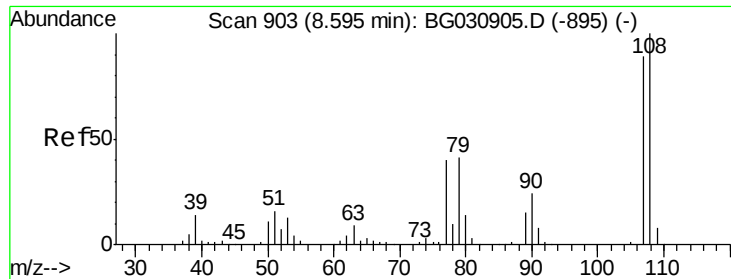
Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Tgt Ion:	45	Resp:	174170
Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	30.2
79	9.9	0.0	27.9

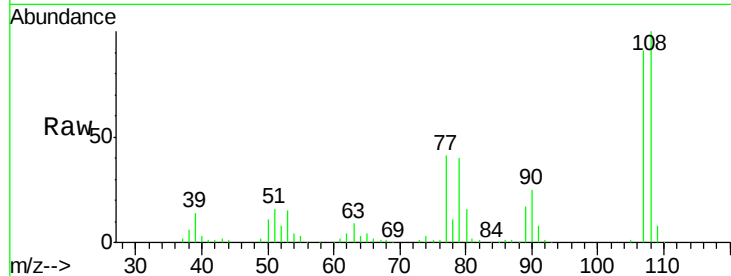




#17
2-Methylphenol
Concen: 44.863 ng
RT: 8.58 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.0	83.9	125.9
77	45.4	37.2	55.8
79	44.0	36.2	54.2



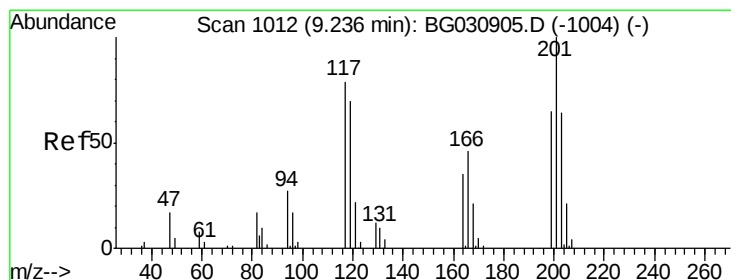
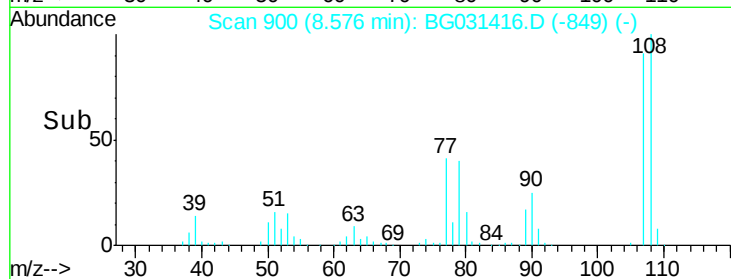
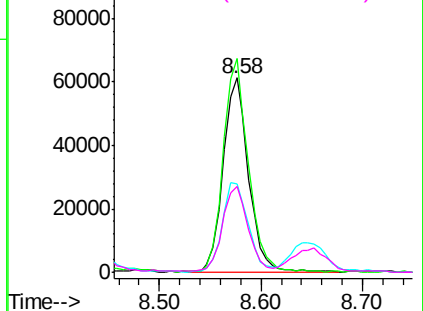
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

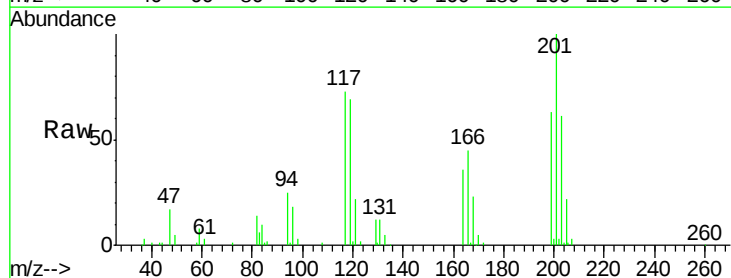
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.012 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.7	115.1
201	137.1	95.7	143.5

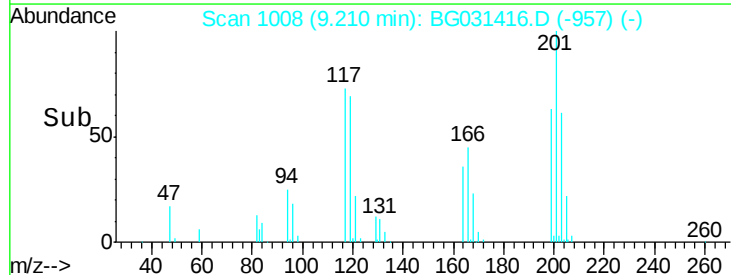
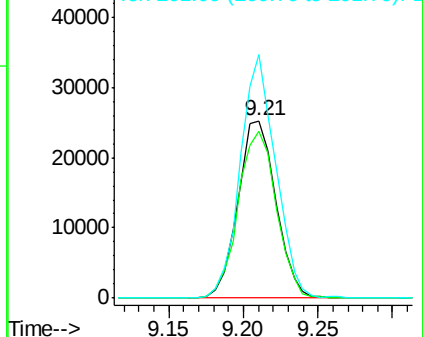


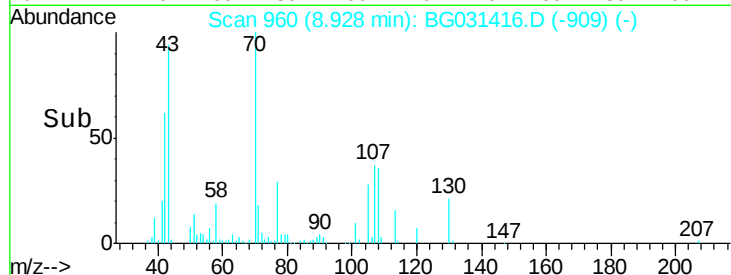
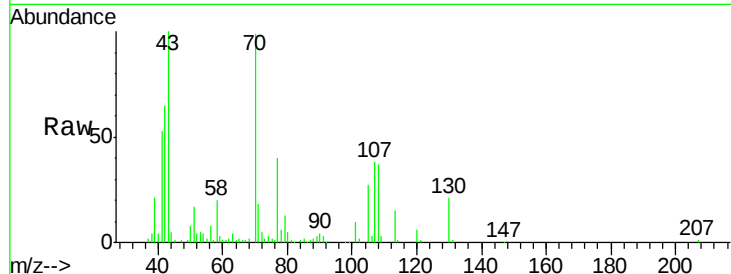
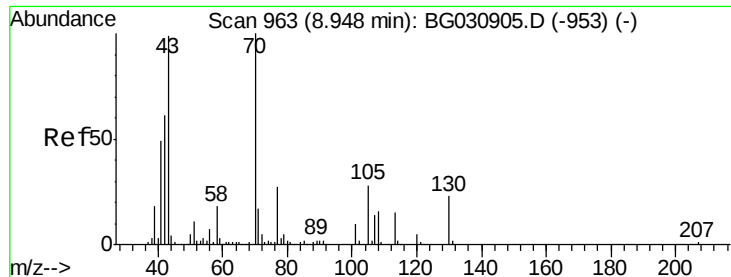
Abundance

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

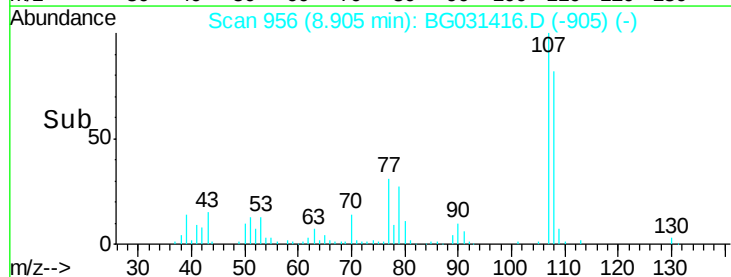
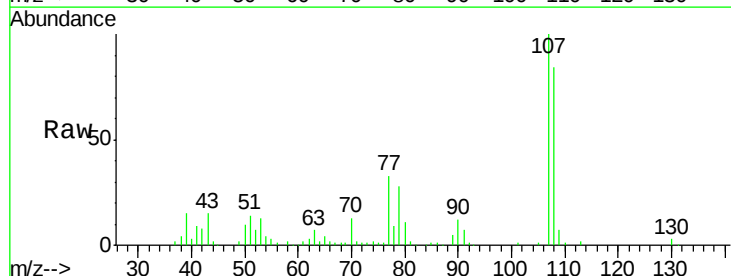
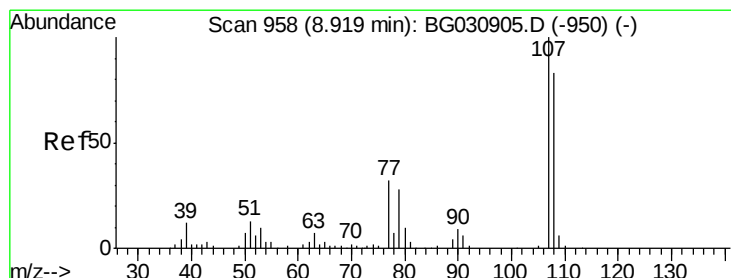
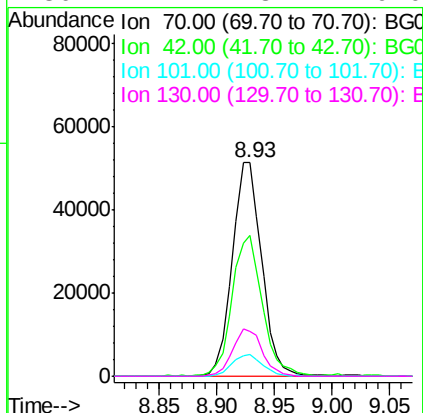




#19
n-Nitroso-di-n-propylamine
Concen: 36.245 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

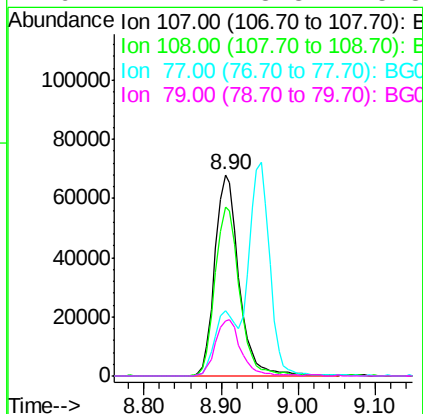
Instrument :
BNA_G
ClientSampleId :

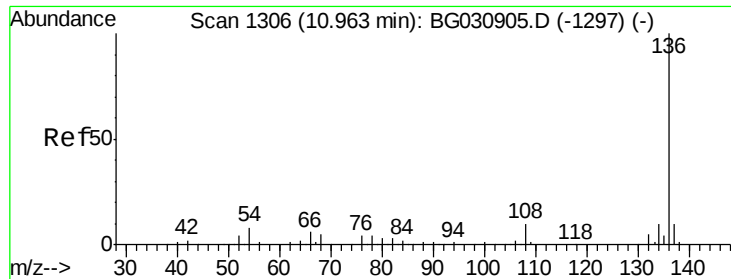
Tot Ion: 70 Resp: 90600
Ion Ratio Lower Upper
70 100
42 65.7 49.1 73.7
101 10.2 8.5 12.7
130 21.1 13.4 20.0#



#20
3+4-Methylphenols
Concen: 43.693 ng
RT: 8.90 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion: 107 Resp: 147712
Ion Ratio Lower Upper
107 100
108 84.3 61.6 101.6
77 32.5 13.9 53.9
79 27.7 8.8 48.8

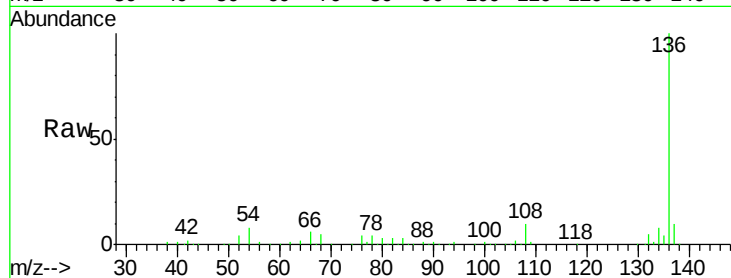




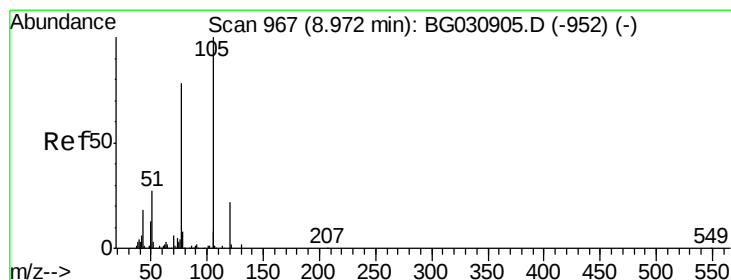
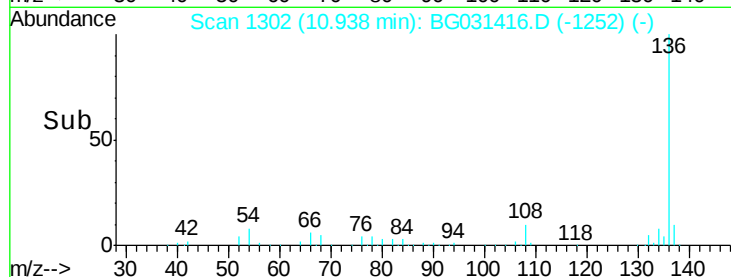
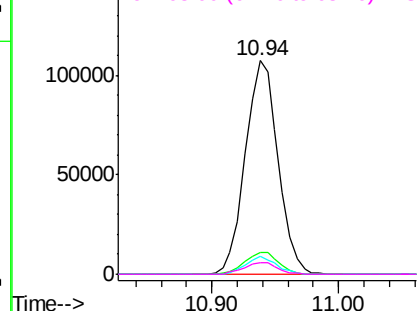
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	191504
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.2 13.8
54	8.2	10.3 15.5#
68	5.1	4.5 6.7

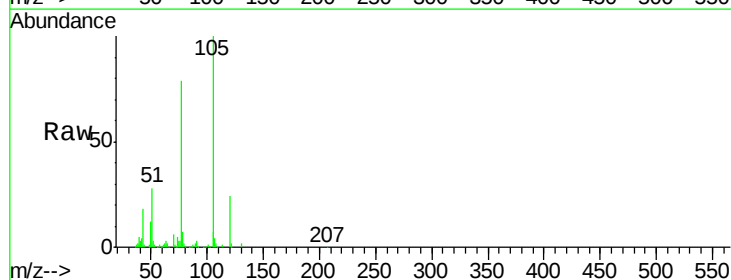


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

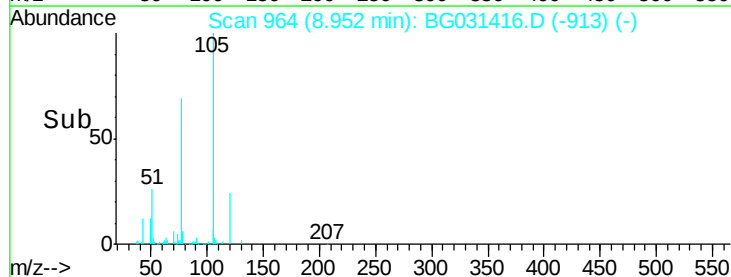
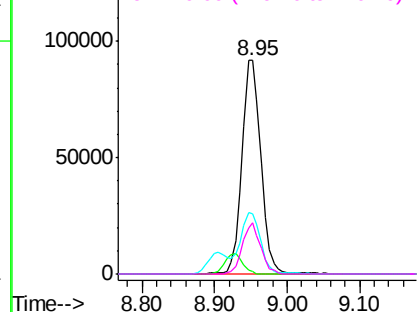


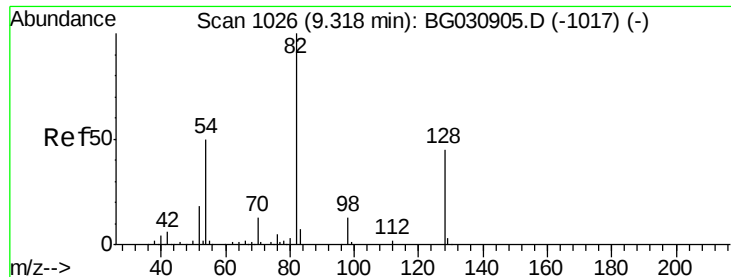
#22
Acetophenone
Concen: 35.155 ng
RT: 8.95 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion:105	Resp:	167626
Ion Ratio	Lower	Upper
105	100	
71	1.0	3.0 4.4#
51	27.9	26.1 39.1
120	24.1	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: 83.696 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampleId :

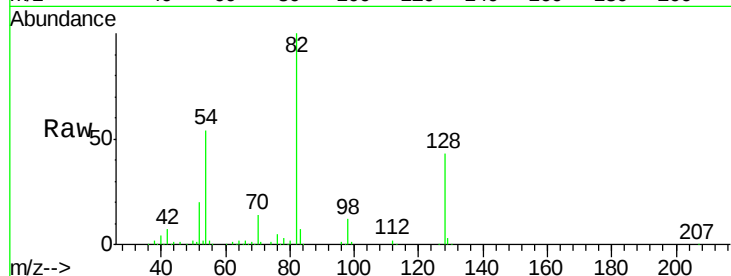
Tot Ion: 82 Resp: 270489

Ion Ratio Lower Upper

82 100

128 43.4 29.7 44.5

54 53.8 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

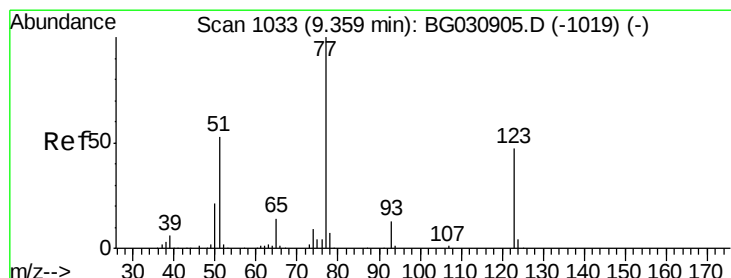
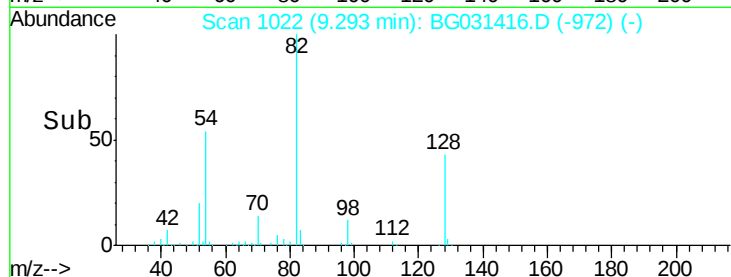
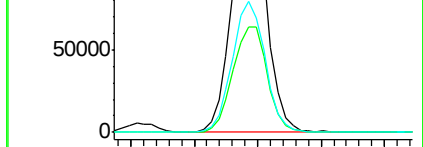
9.29

150000

100000

50000

0



#24

Nitrobenzene

Concen: 40.972 ng

RT: 9.34 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

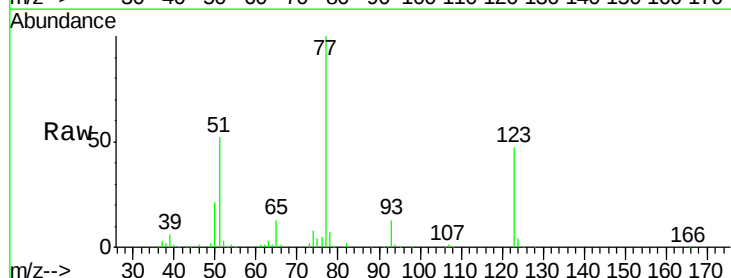
Tgt Ion: 77 Resp: 135261

Ion Ratio Lower Upper

77 100

123 47.3 33.0 49.6

65 12.7 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

9.34

100000

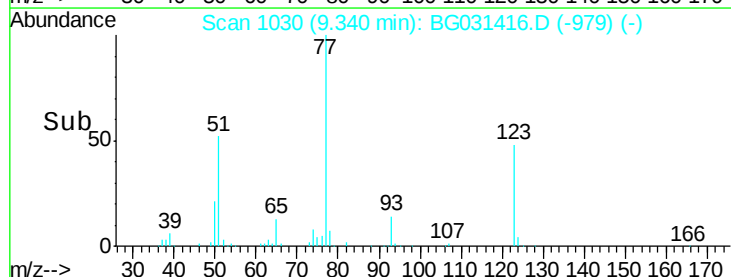
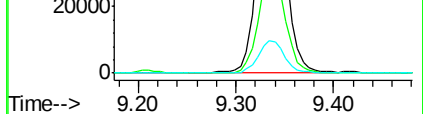
80000

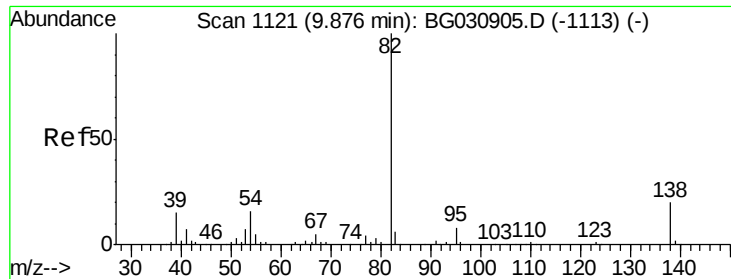
60000

40000

20000

0





#25

Isophorone

Concen: 40.829 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampleId :

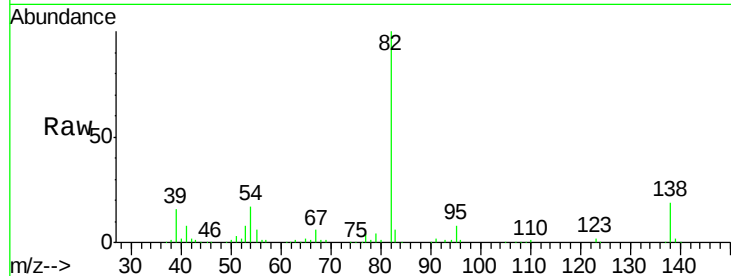
Tot Ion: 82 Resp: 257340

Ion Ratio Lower Upper

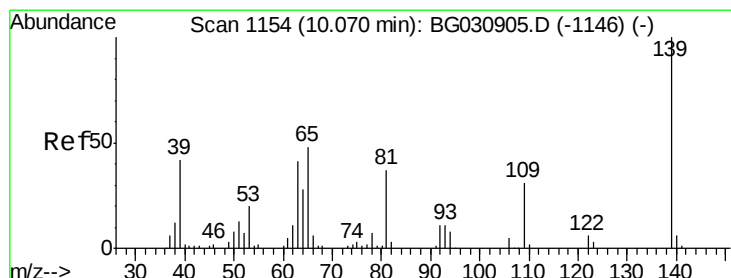
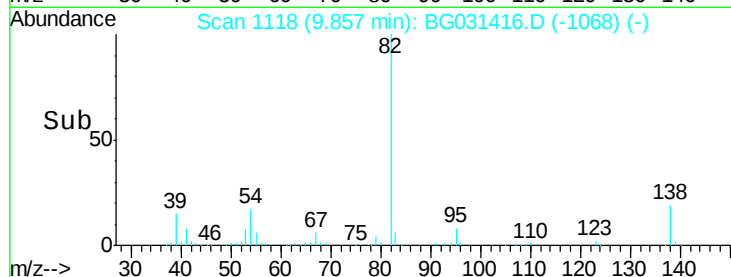
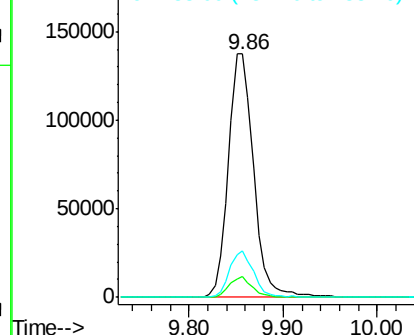
82 100

95 8.5 6.2 9.2

138 18.9 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.480 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

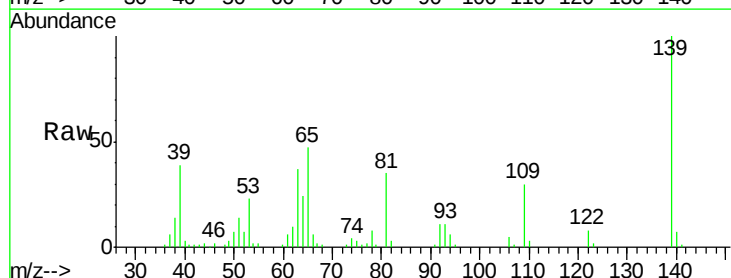
Tgt Ion: 139 Resp: 69657

Ion Ratio Lower Upper

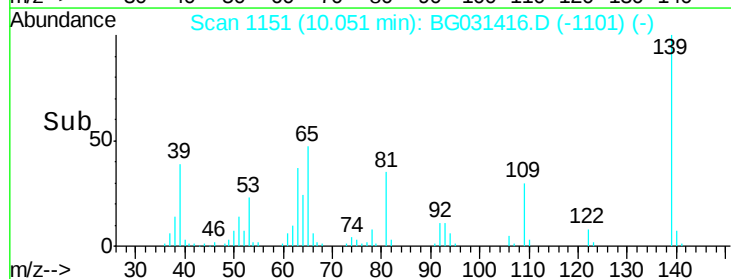
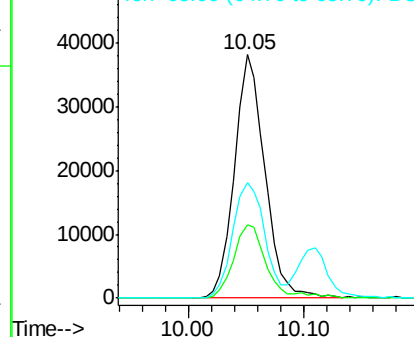
139 100

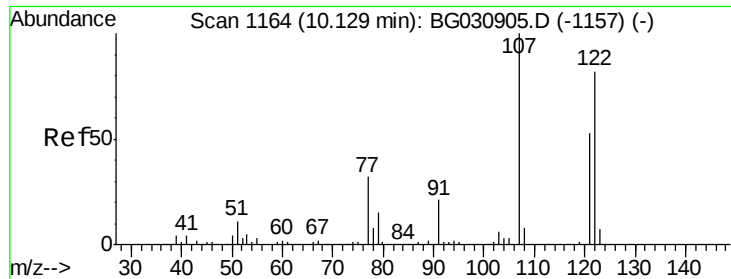
109 30.0 24.2 36.2

65 47.3 47.4 71.0#



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

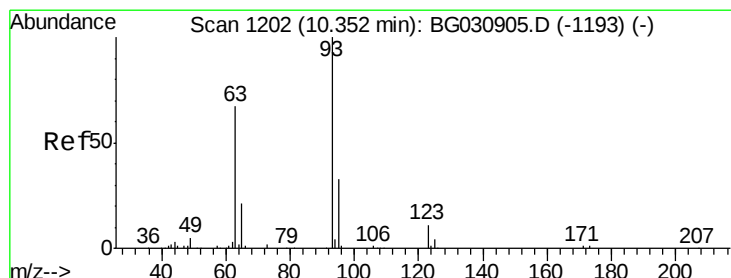
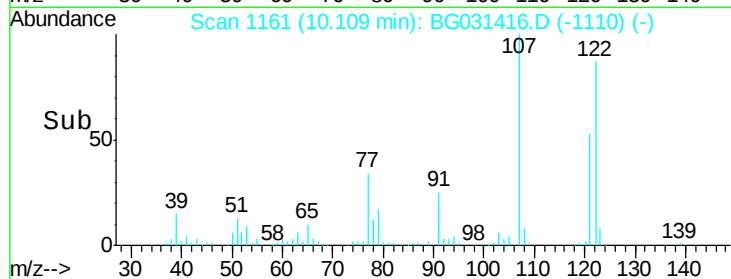
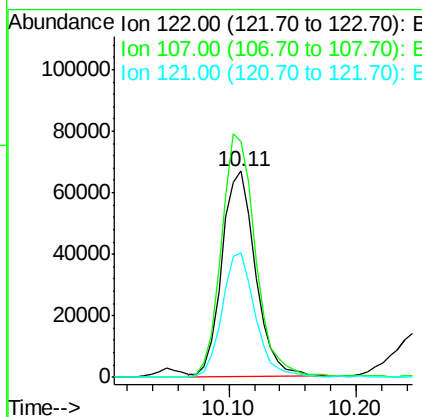
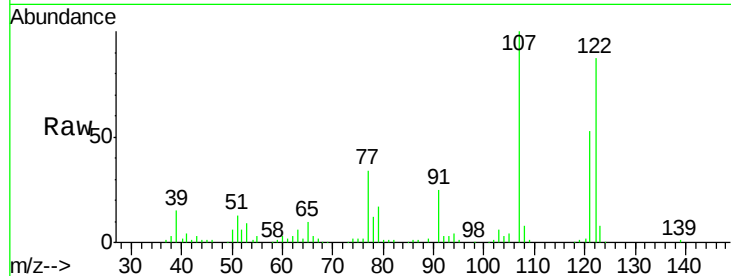




#27
 2,4-Dimethylphenol
 Concen: 47.905 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

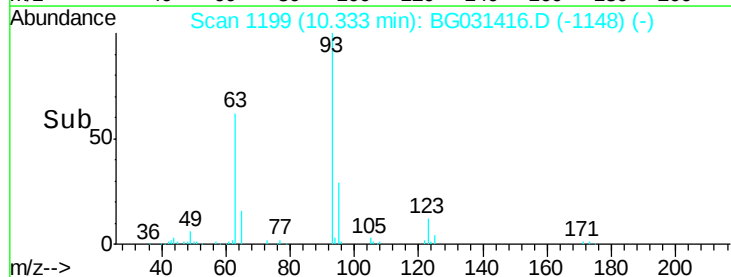
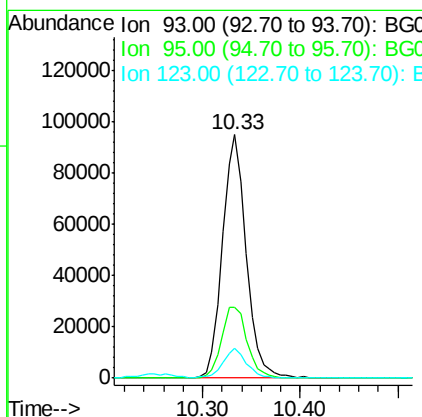
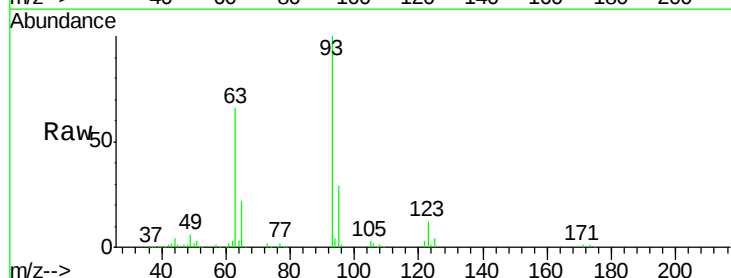
Instrument :
 BNA_G
 ClientSampleId :

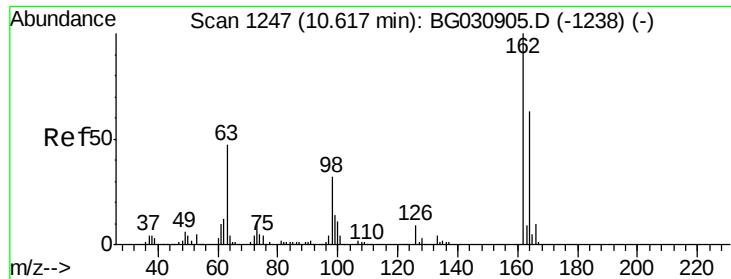
Tot Ion:122 Resp: 122381
 Ion Ratio Lower Upper
 122 100
 107 114.6 100.2 150.2
 121 60.3 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.277 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion: 93 Resp: 159888
 Ion Ratio Lower Upper
 93 100
 95 29.2 24.3 36.5
 123 12.3 8.4 12.6

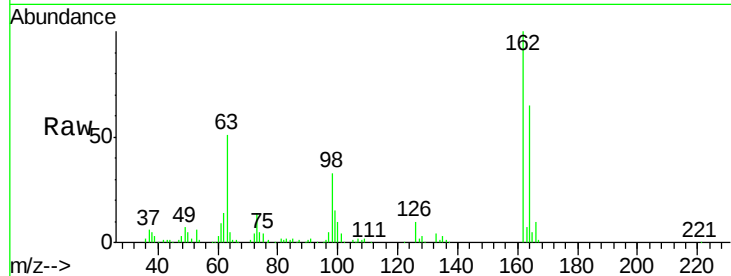




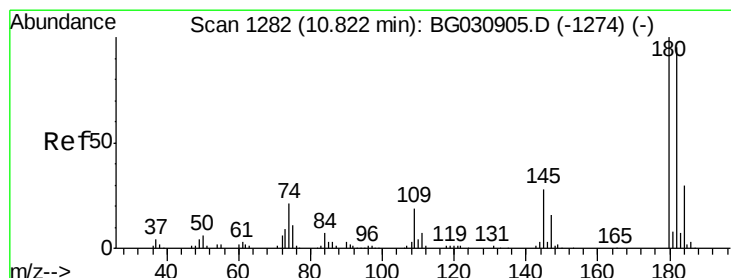
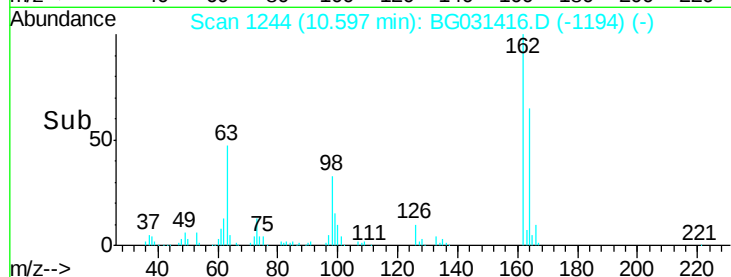
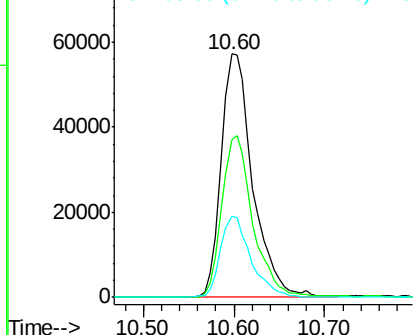
#29
2,4-Dichlorophenol
Concen: 45.050 ng
RT: 10.60 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	48.0	88.0
98	33.0	21.1	61.1

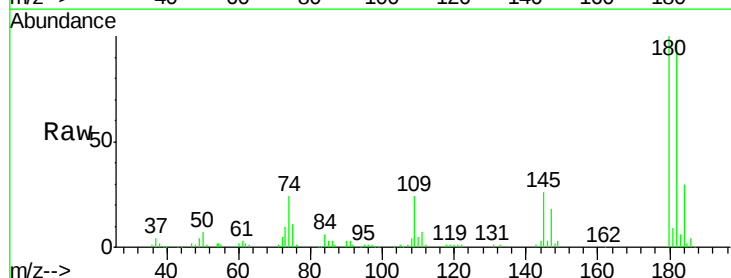


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

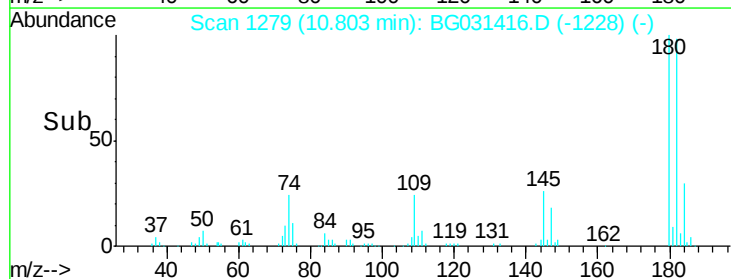
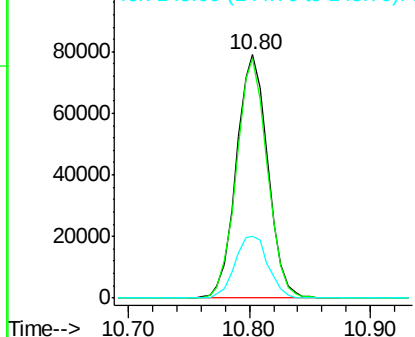


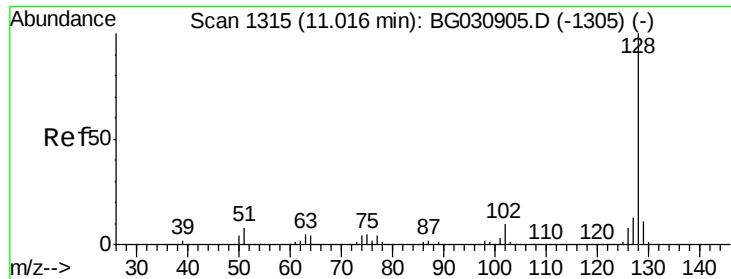
#30
1,2,4-Trichlorobenzene
Concen: 39.084 ng
RT: 10.80 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	77.5	116.3
145	25.6	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

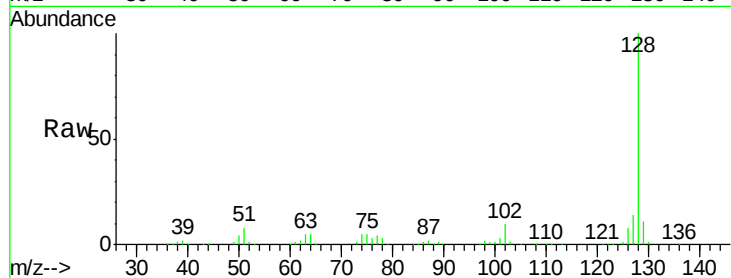




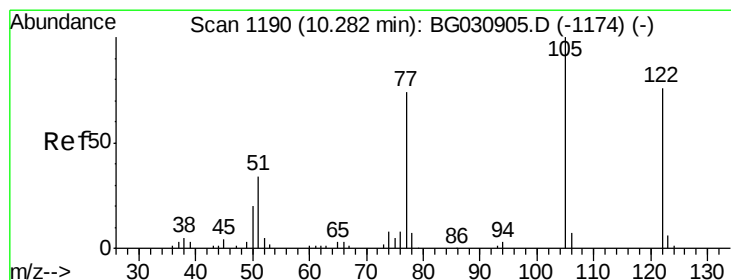
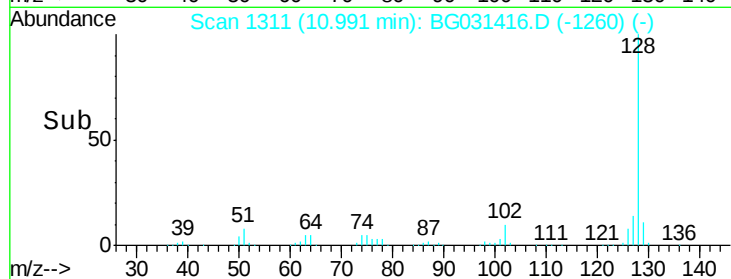
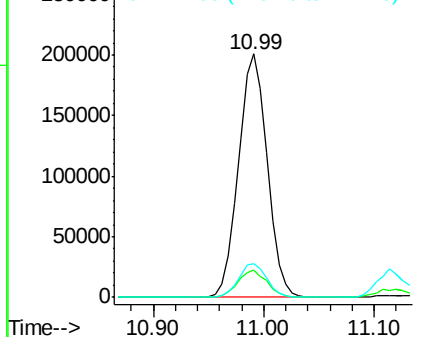
#31
Naphthalene
Concen: 39.019 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 367332
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.8 11.6 17.4

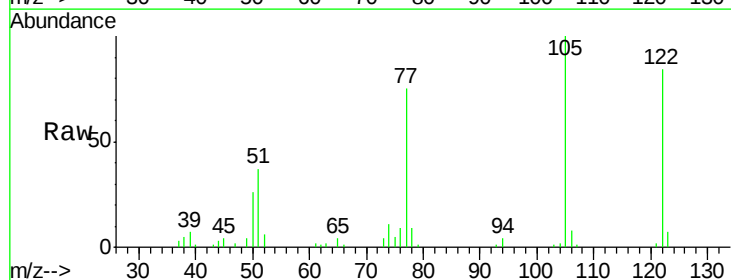


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

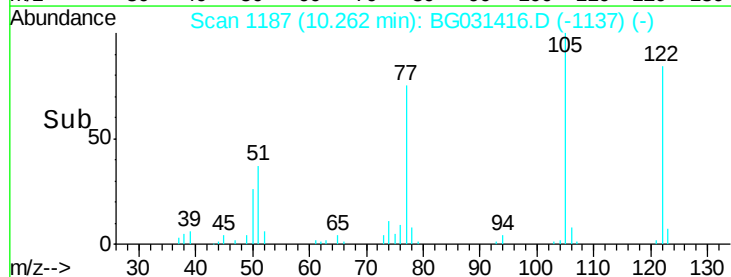
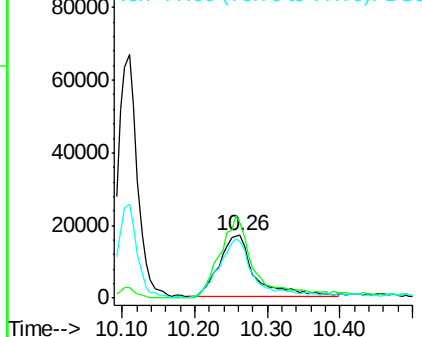


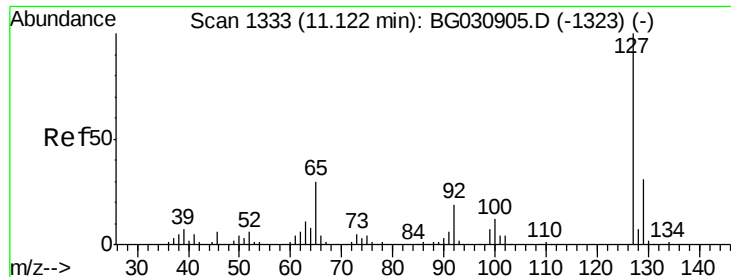
#32
Benzoic acid
Concen: 29.265 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion:122 Resp: 56938
Ion Ratio Lower Upper
122 100
105 119.7 123.5 163.5#
77 89.5 85.7 125.7



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

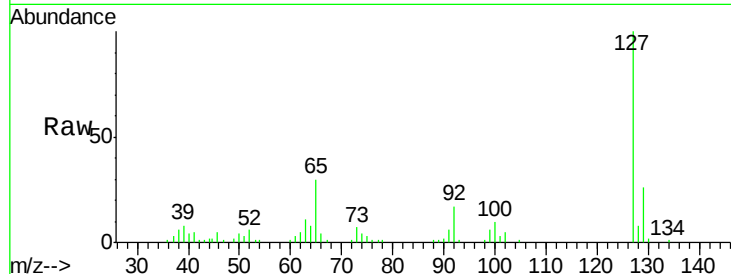




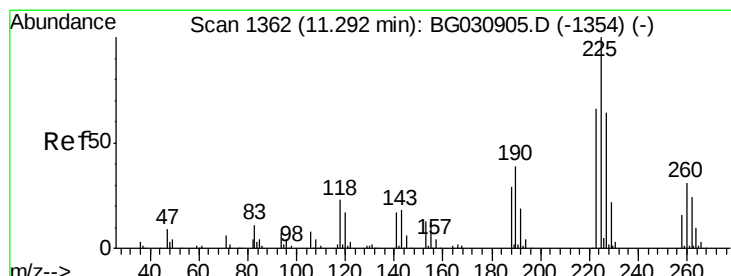
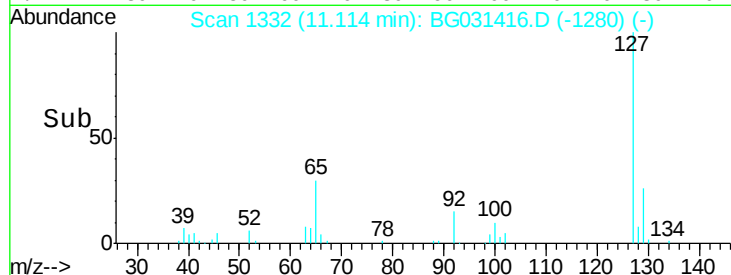
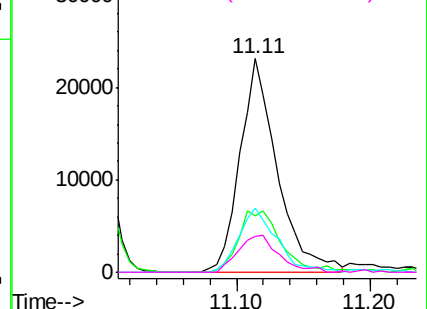
#33
4-Chloroaniline
Concen: 10.821 ng
RT: 11.11 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 44595
Ion Ratio Lower Upper
127 100
129 26.3 24.0 36.0
65 29.8 27.0 40.4
92 16.8 16.6 25.0

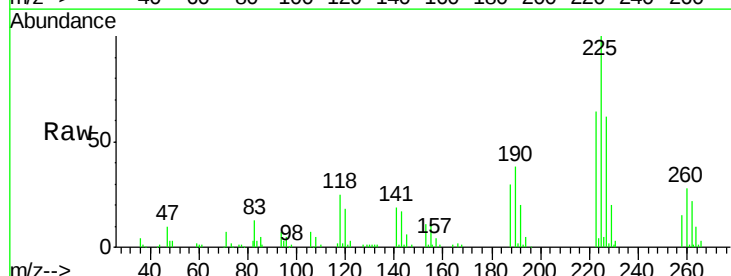


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

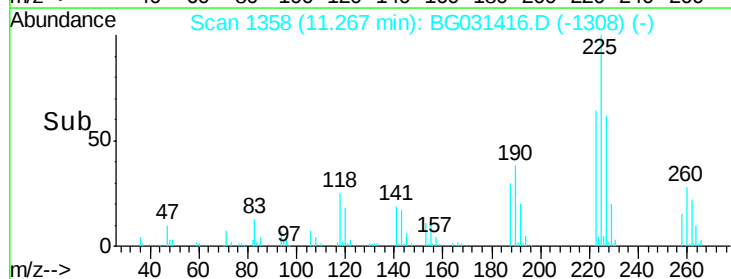
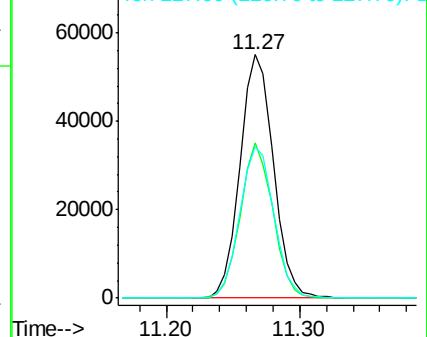


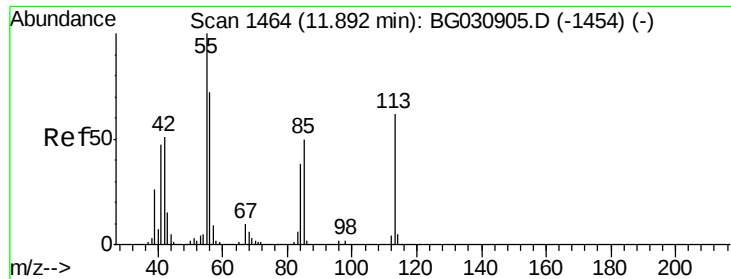
#34
Hexachlorobutadiene
Concen: 37.637 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion:225 Resp: 95598
Ion Ratio Lower Upper
225 100
223 63.8 49.7 74.5
227 62.2 48.1 72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.437 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampled :

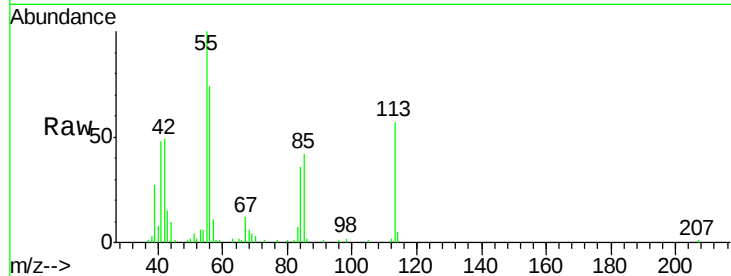
Tot Ion:113 Resp: 28117

Ion Ratio Lower Upper

113 100

55 174.8 186.9 226.9#

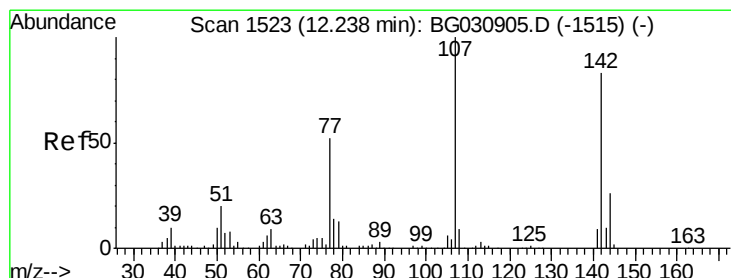
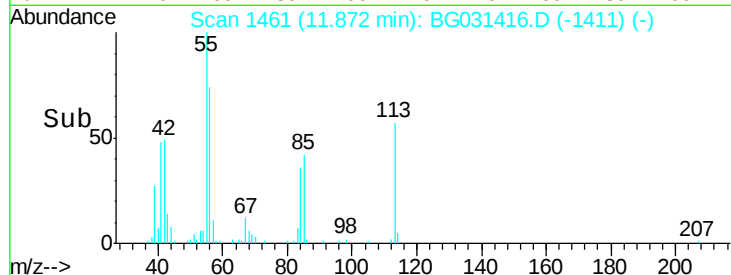
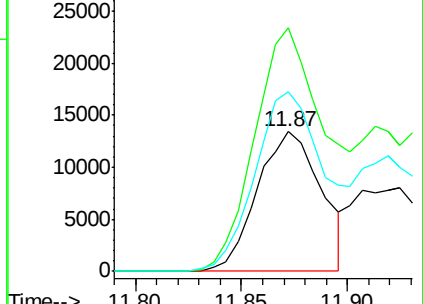
56 128.8 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.127 ng

RT: 12.22 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

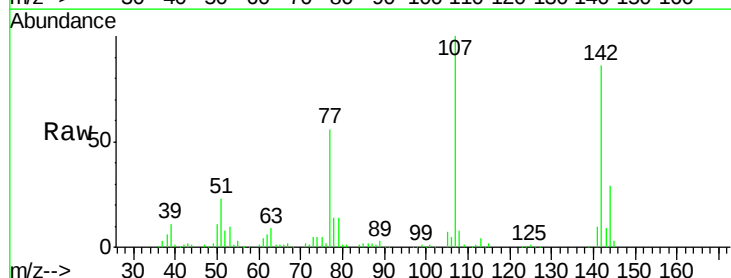
Tgt Ion:107 Resp: 150669

Ion Ratio Lower Upper

107 100

144 29.1 18.2 27.4#

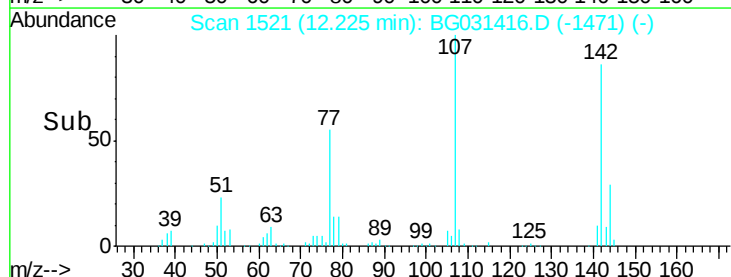
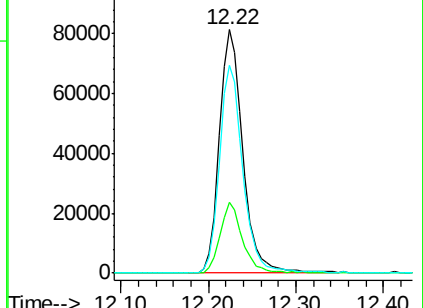
142 85.5 59.0 88.4

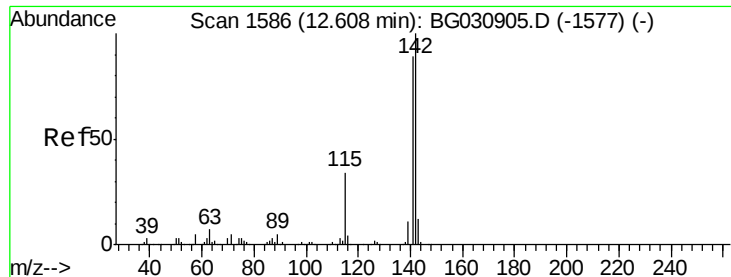


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

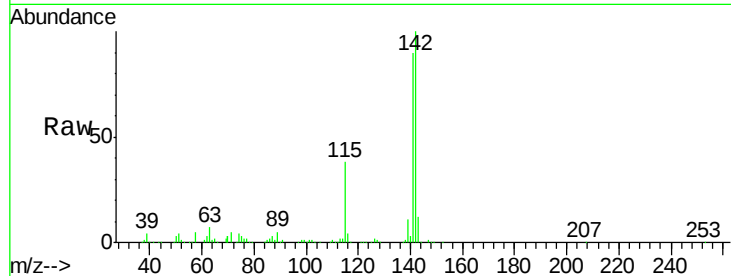




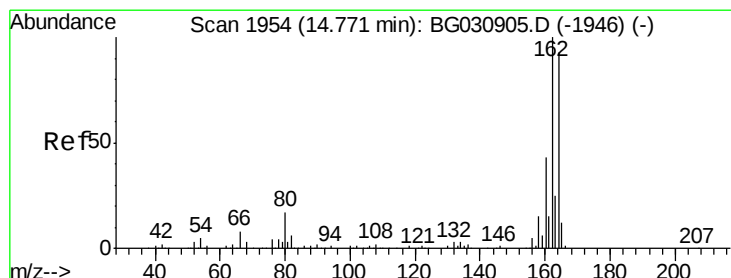
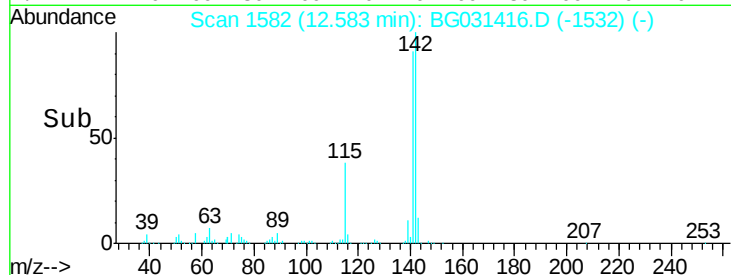
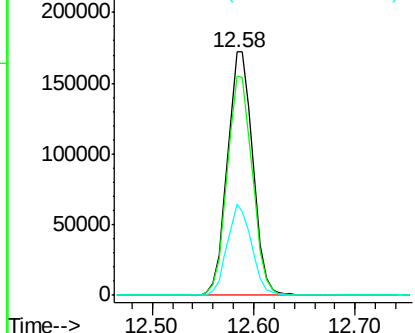
#37
2-Methylnaphthalene
Concen: 41.179 ng
RT: 12.58 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 299264
Ion Ratio Lower Upper
142 100
141 90.3 67.1 100.7
115 37.6 30.7 46.1

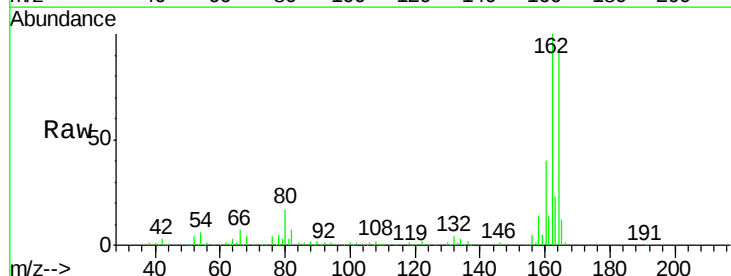


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

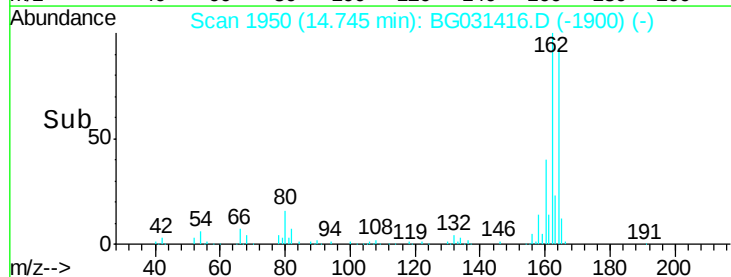
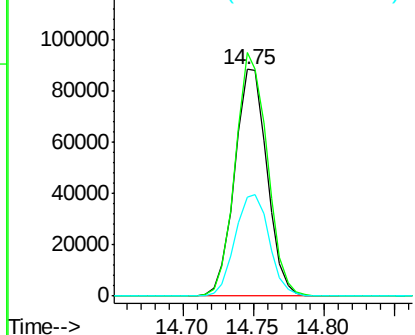


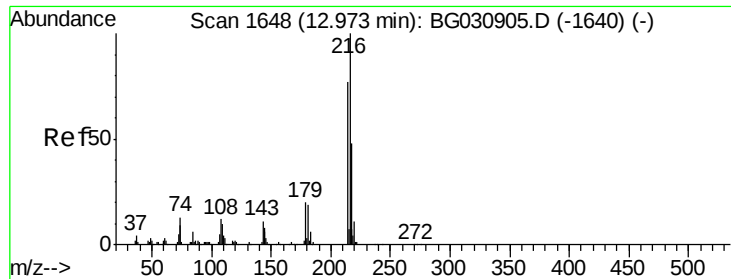
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion:164 Resp: 141242
Ion Ratio Lower Upper
164 100
162 107.5 78.8 118.2
160 43.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.788 ng

RT: 12.95 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 183804

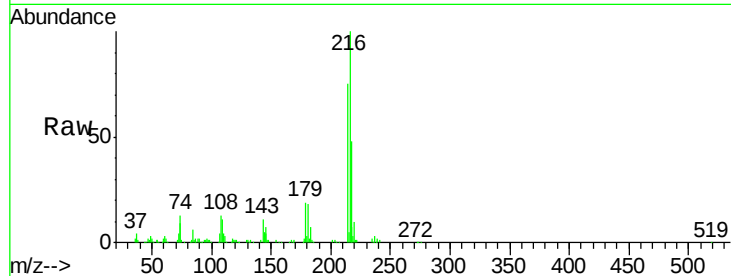
Ion Ratio Lower Upper

216 100

214 75.7 63.0 94.4

179 18.8 17.0 25.6

108 14.6 12.8 19.2

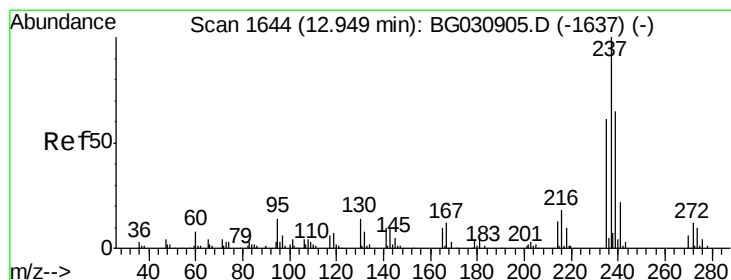
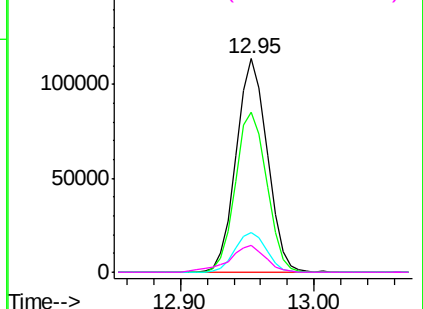
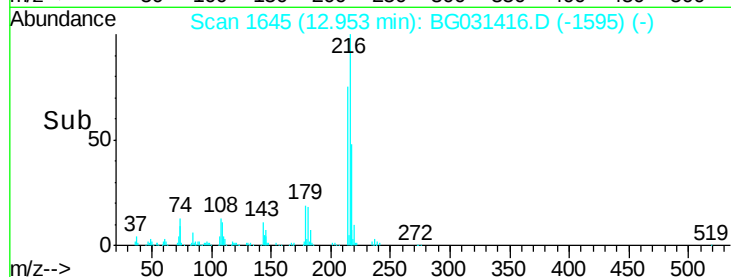


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.044 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

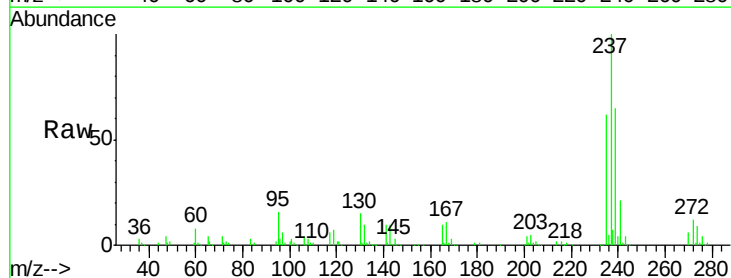
Tgt Ion:237 Resp: 154009

Ion Ratio Lower Upper

237 100

235 62.1 50.4 90.4

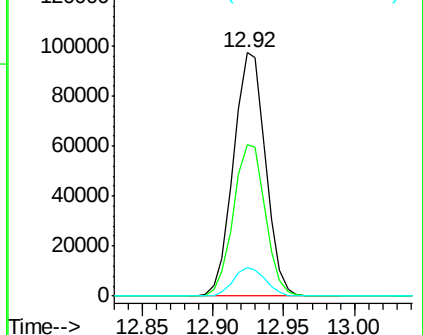
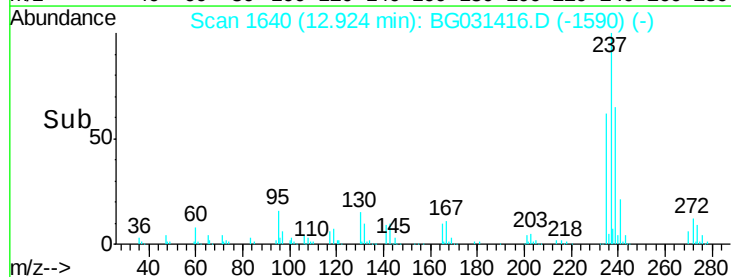
272 11.7 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

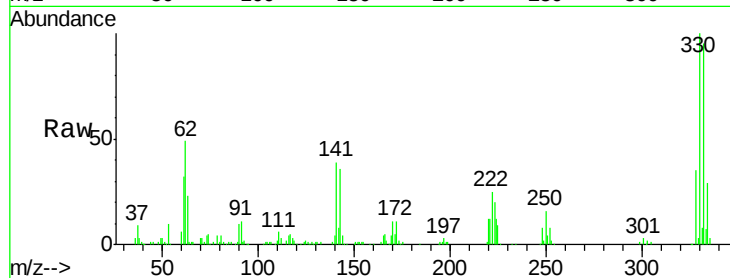




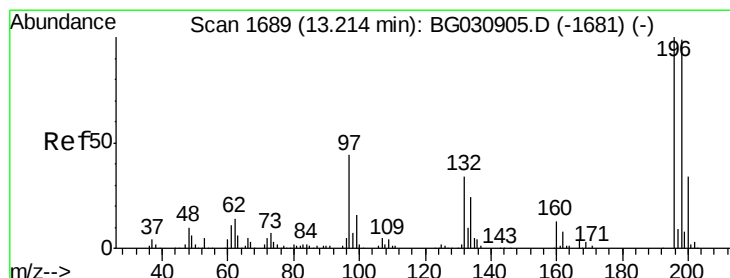
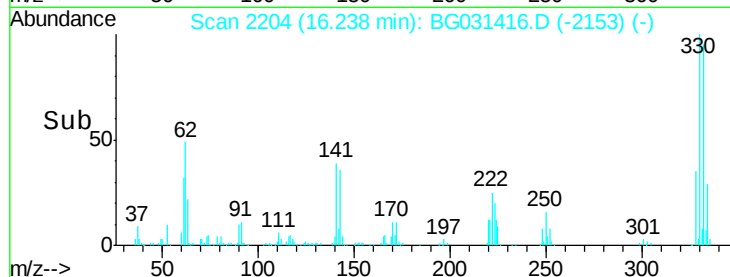
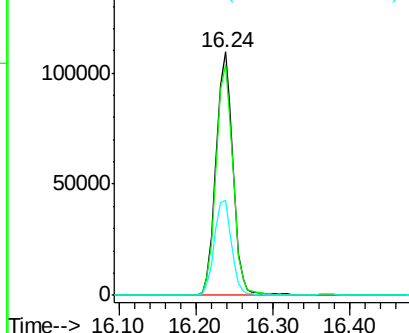
#41
 2,4,6-Tribromophenol
 Concen: 72.304 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 165202
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 40.2 25.2 37.8#

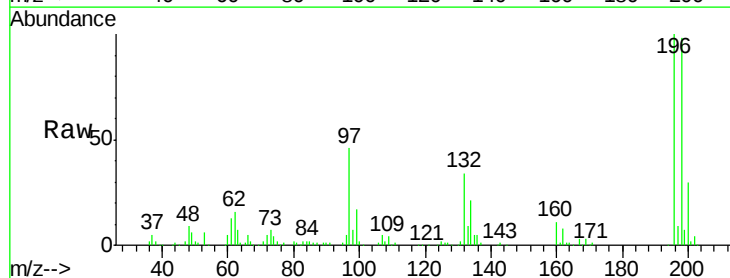


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

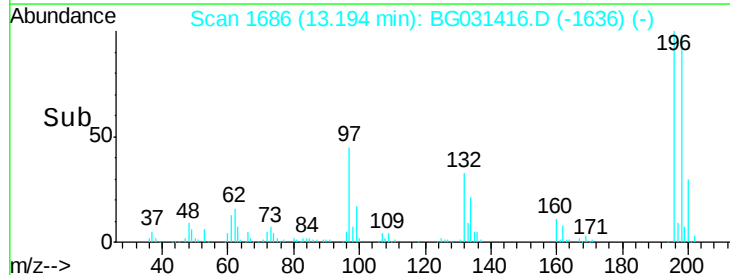
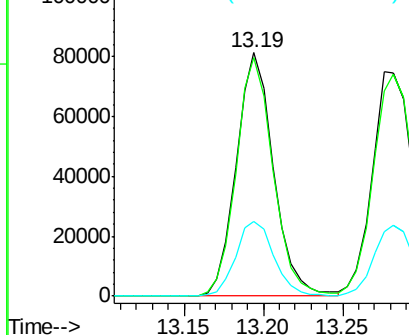


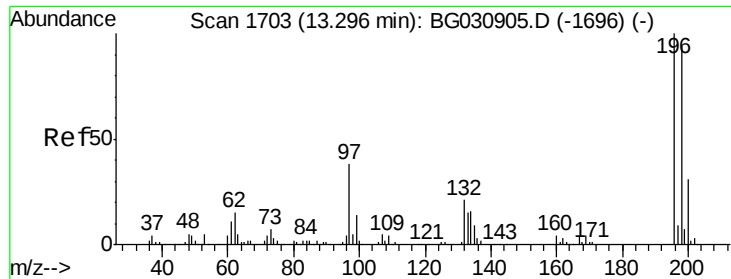
#42
 2,4,6-Trichlorophenol
 Concen: 41.282 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion:196 Resp: 132296
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.2 117.2
 200 30.5 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

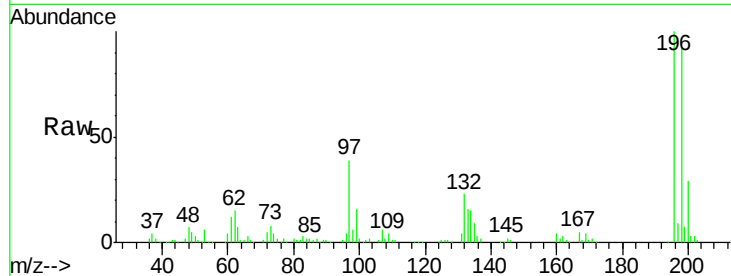




#43
 2,4,5-Trichlorophenol
 Concen: 40.679 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	91.6	76.2	114.4	
97	38.9	38.7	58.1	
132	23.2	20.2	30.2	



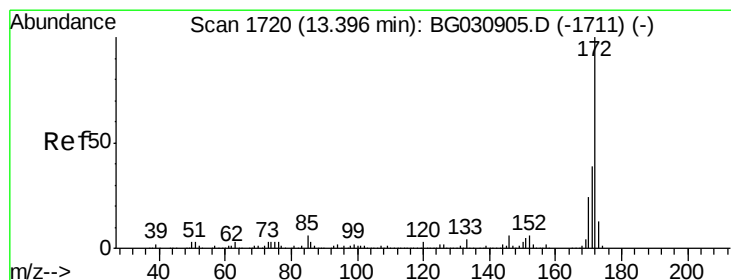
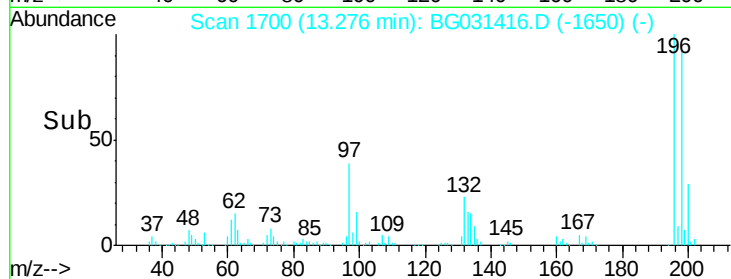
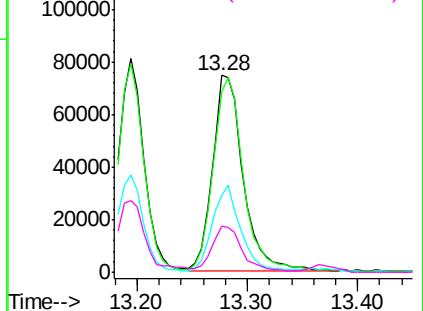
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

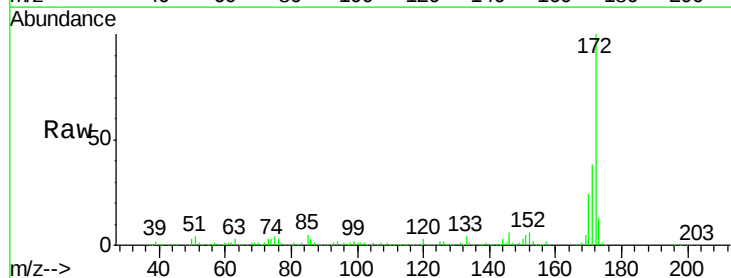
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.746 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.8	30.0	45.0	
170	24.1	19.5	29.3	

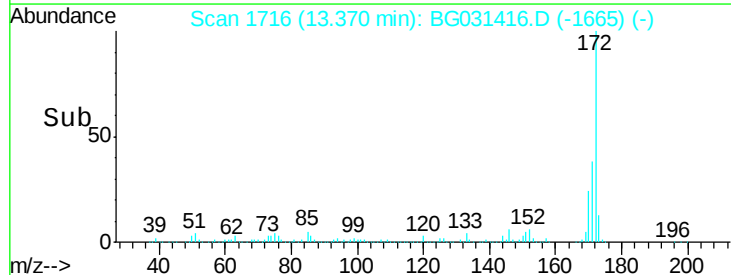
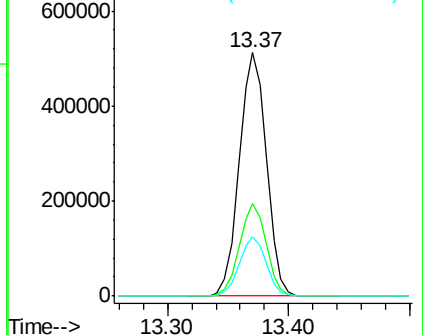


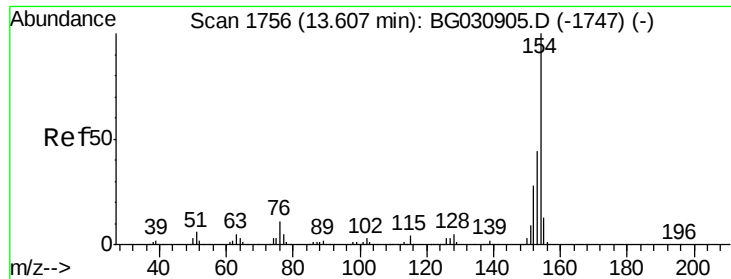
Abundance

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

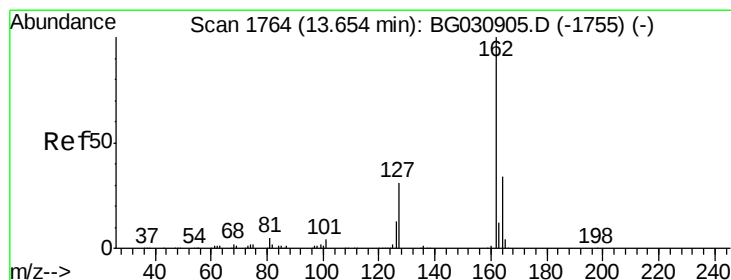
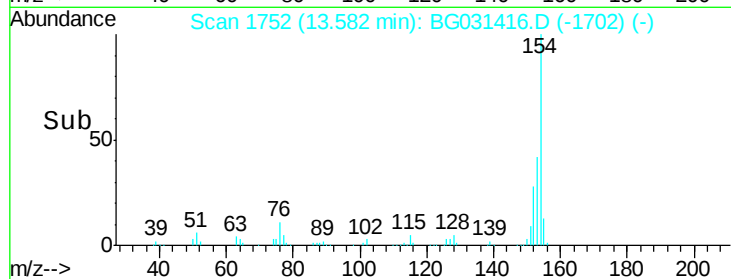
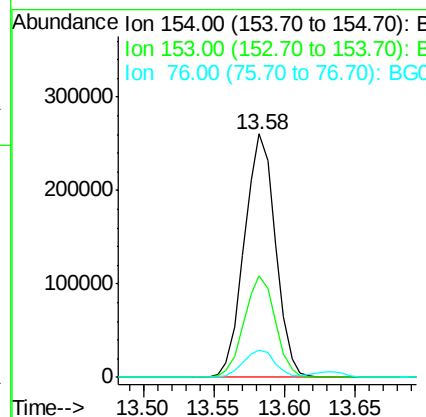
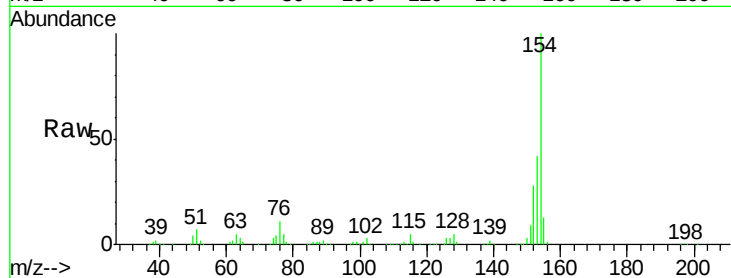




#45
 1,1'-Biphenyl
 Concen: 34.362 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

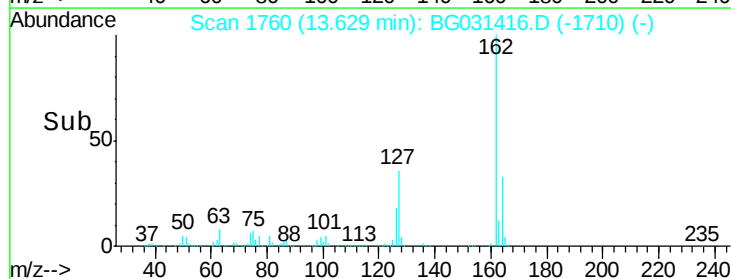
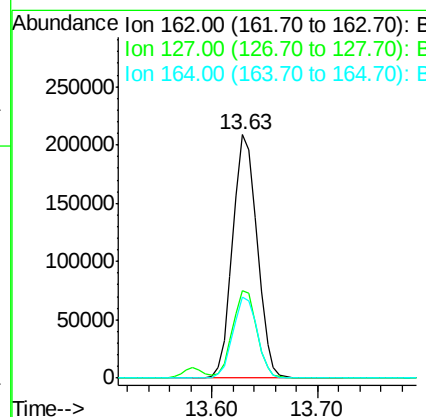
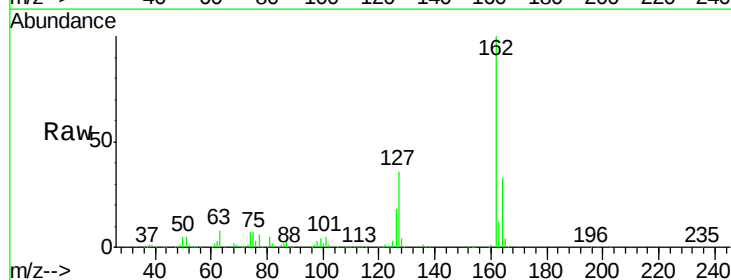
Instrument :
 BNA_G
 ClientSampleId :

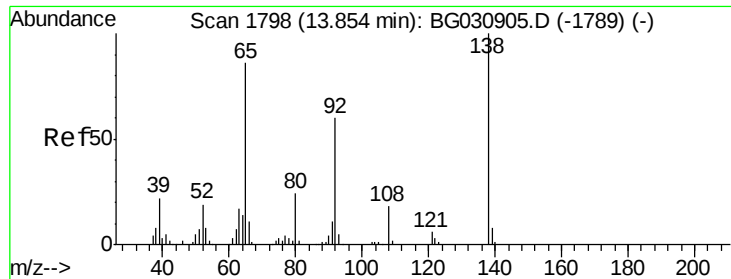
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.8	59.8
76	11.4	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 39.608 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.8	30.7	46.1
164	33.4	26.0	39.0

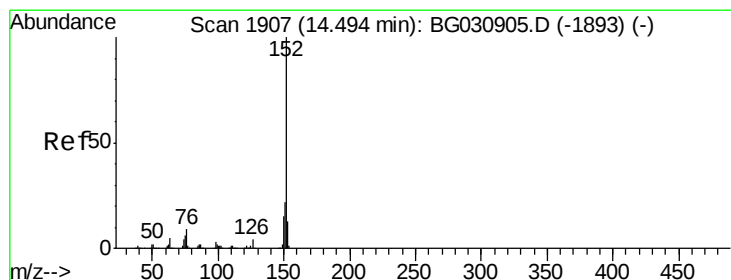
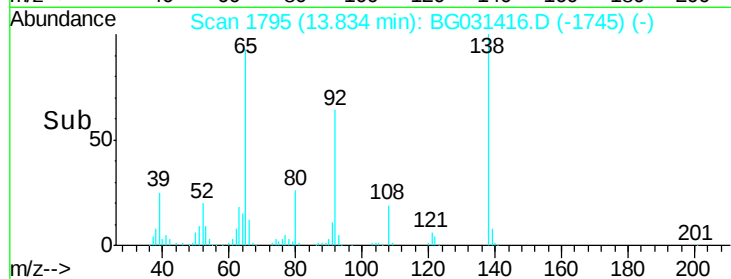
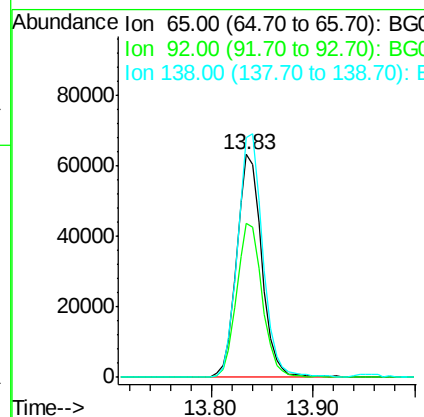
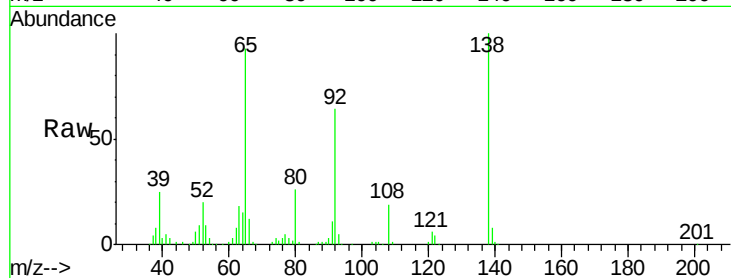




#47
 2-Nitroaniline
 Concen: 43.447 ng
 RT: 13.83 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

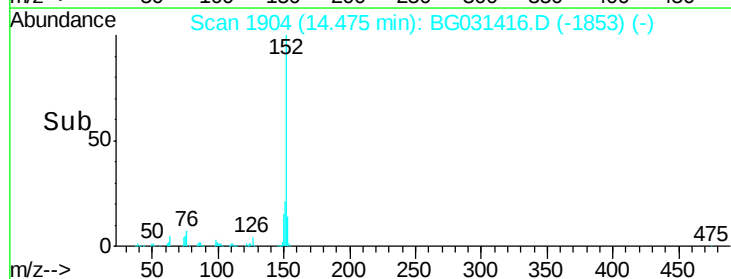
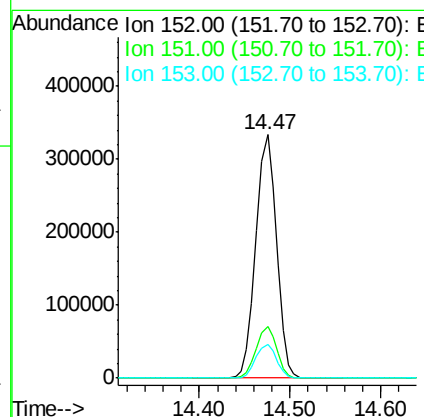
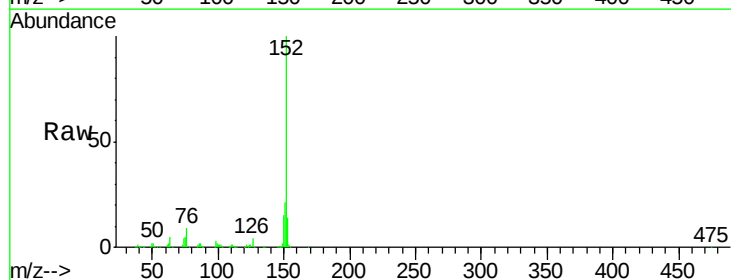
Instrument :
 BNA_G
 ClientSampleId :

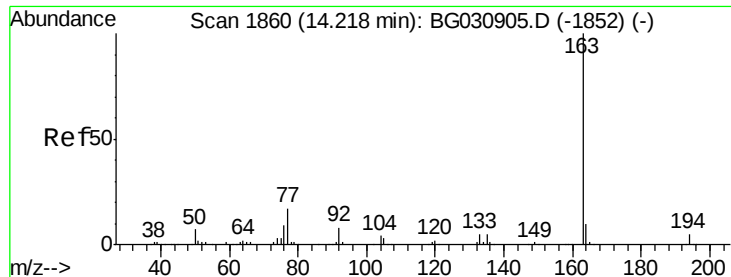
Tot Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.6	82.0
138	107.8	72.9	109.3



#48
 Acenaphthylene
 Concen: 38.224 ng
 RT: 14.47 min Scan# 1904
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	13.9	10.2	15.4





#49

Dimethylphthalate

Concen: 40.739 ng

RT: 14.20 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampled :

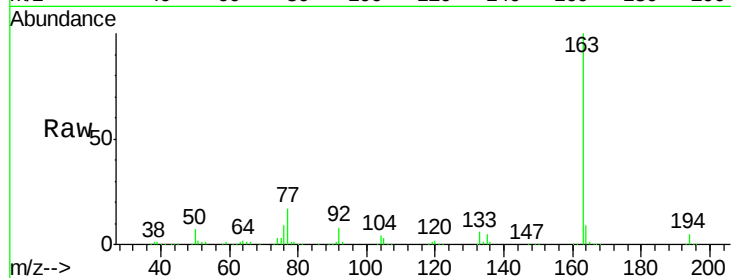
Tot Ion:163 Resp: 497524

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

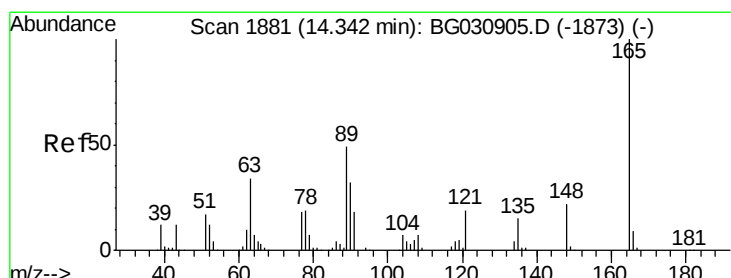
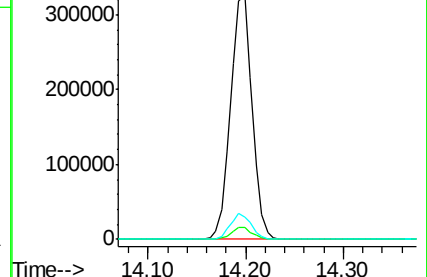
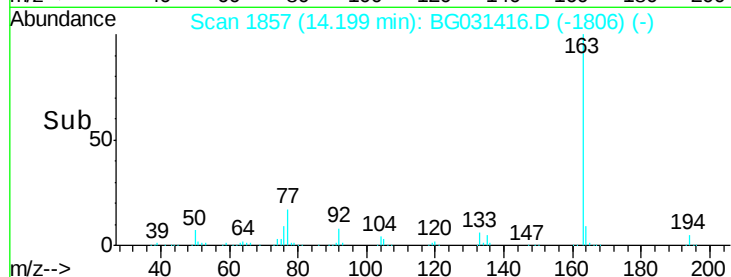
164 9.4 8.2 12.4



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: 44.611 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

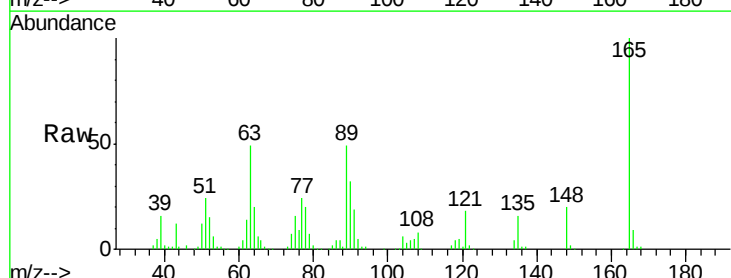
Tgt Ion:165 Resp: 112293

Ion Ratio Lower Upper

165 100

63 48.8 52.7 79.1#

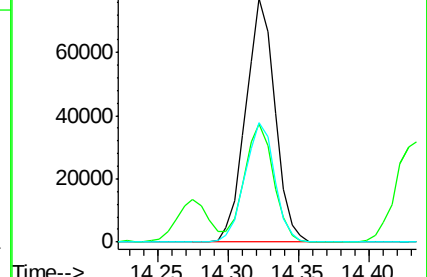
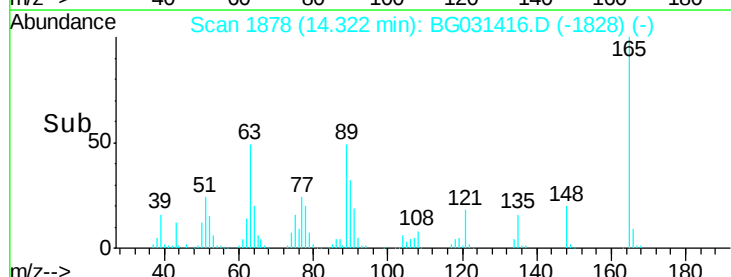
89 48.8 49.2 73.8#

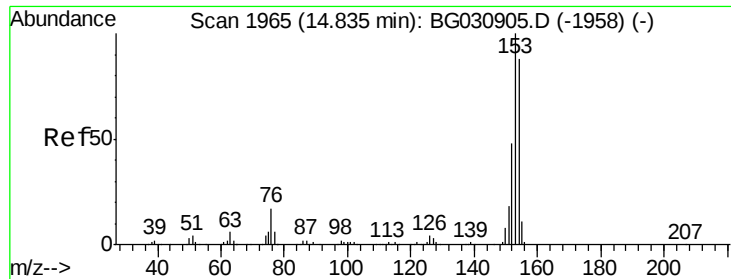


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.609 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampleId :

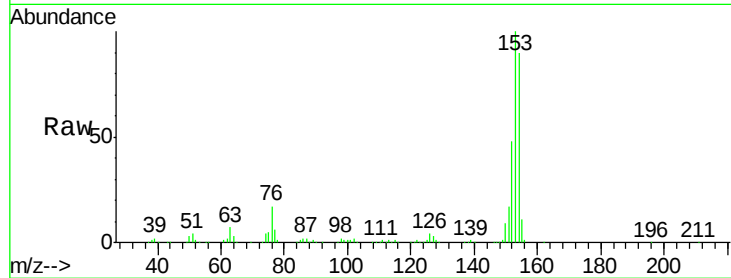
Tot Ion:154 Resp: 333499

Ion Ratio Lower Upper

154 100

153 110.7 90.4 135.6

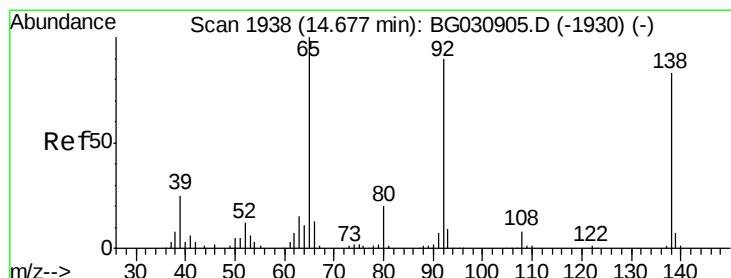
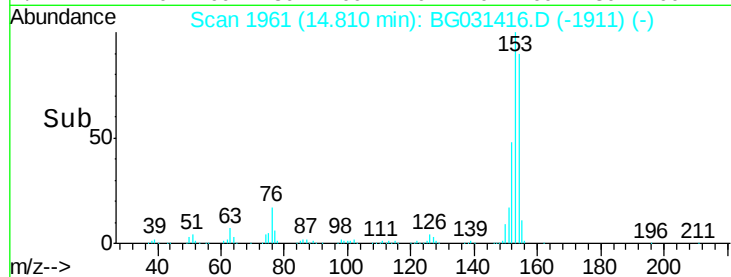
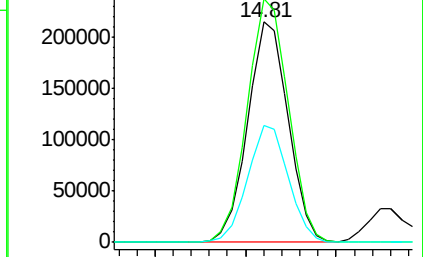
152 53.2 41.6 62.4



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: 11.576 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

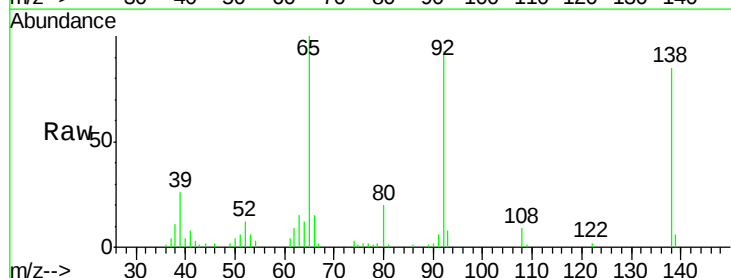
Tgt Ion:138 Resp: 30940

Ion Ratio Lower Upper

138 100

108 10.3 17.5 26.3#

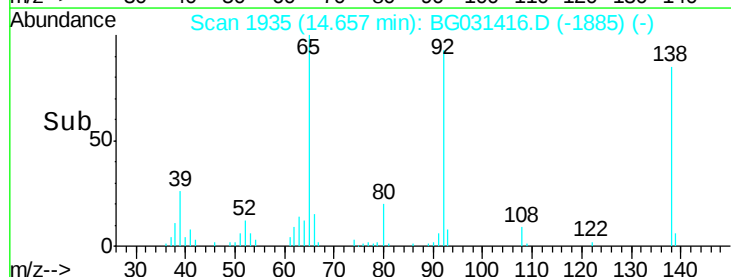
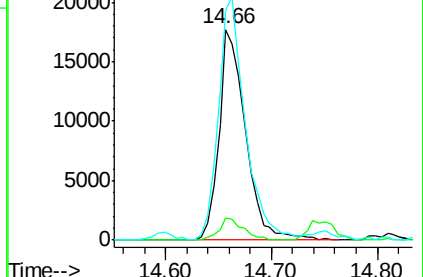
92 109.1 105.8 158.8

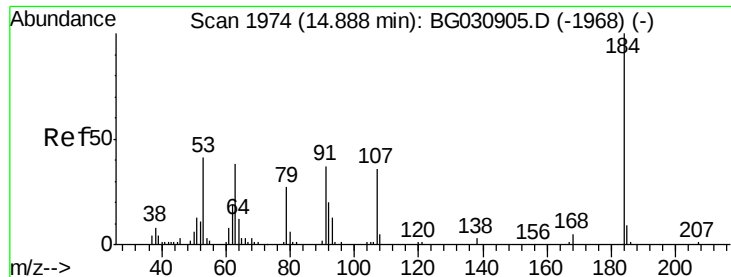


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

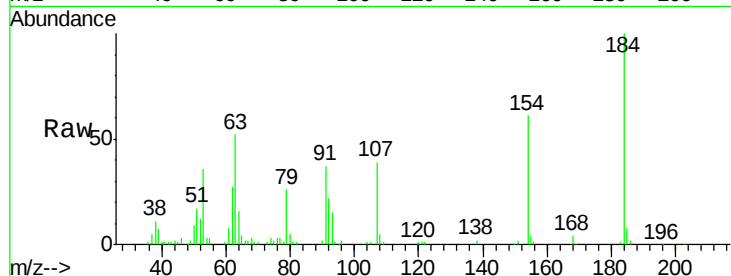




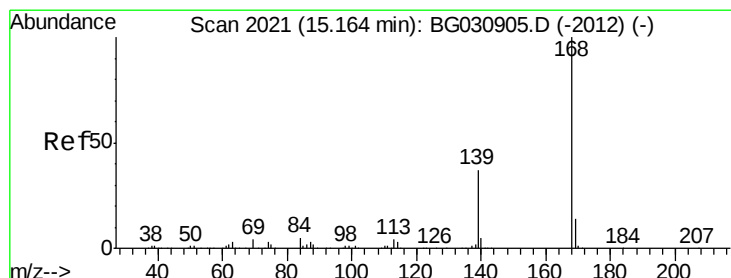
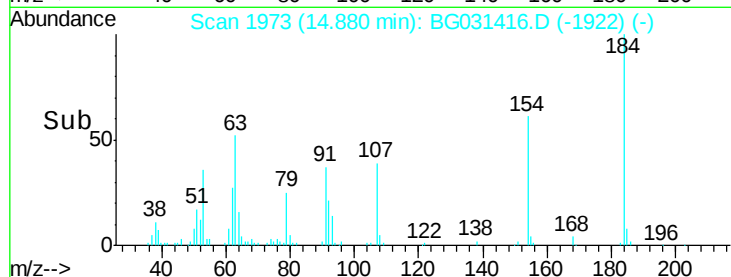
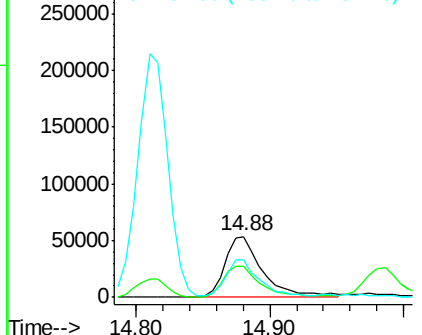
#53
2,4-Dinitrophenol
Concen: 76.654 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 105784
Ion Ratio Lower Upper
184 100
63 52.2 59.8 89.8#
154 61.4 101.8 152.8#

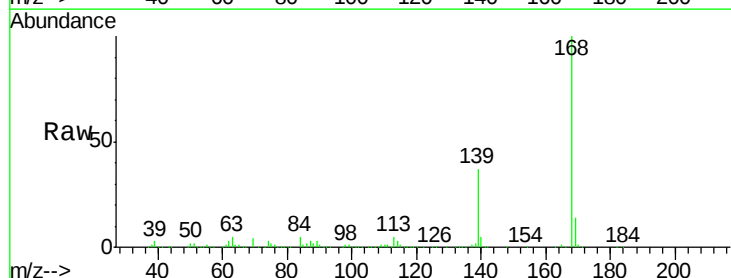


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

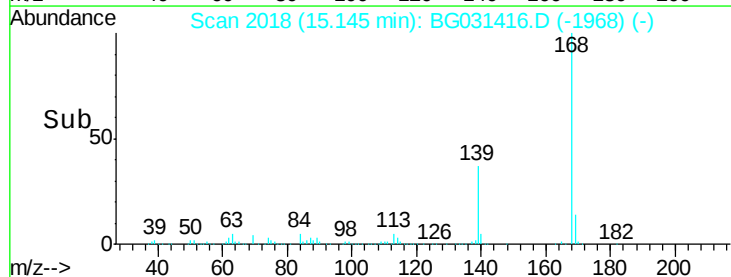
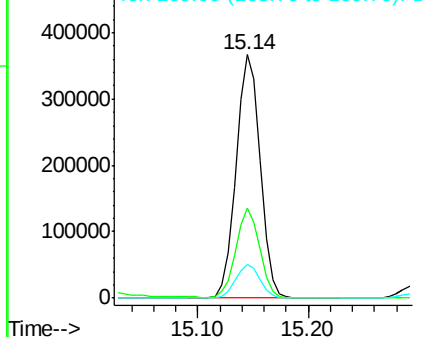


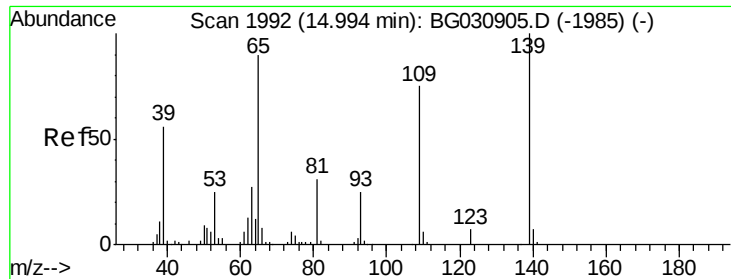
#54
Dibenzofuran
Concen: 40.831 ng
RT: 15.14 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion:168 Resp: 561780
Ion Ratio Lower Upper
168 100
139 37.1 28.6 43.0
169 13.9 11.2 16.8



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

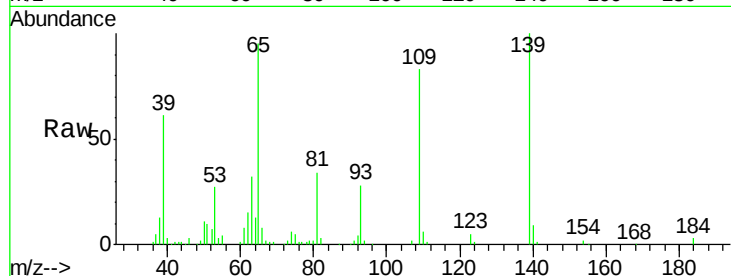




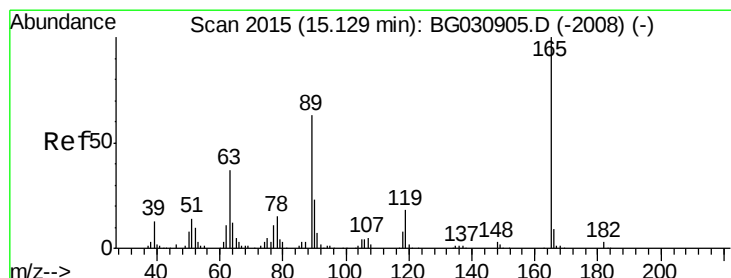
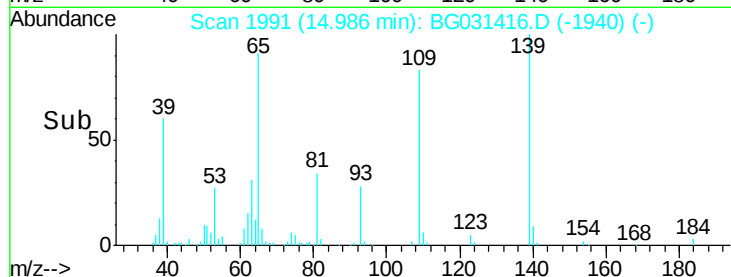
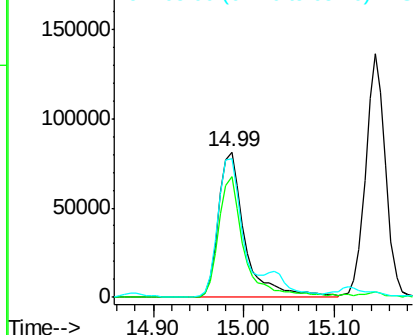
#55
4-Nitrophenol
Concen: 86.833 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 165322
Ion Ratio Lower Upper
139 100
109 82.6 62.2 102.2
65 95.4 97.2 137.2#

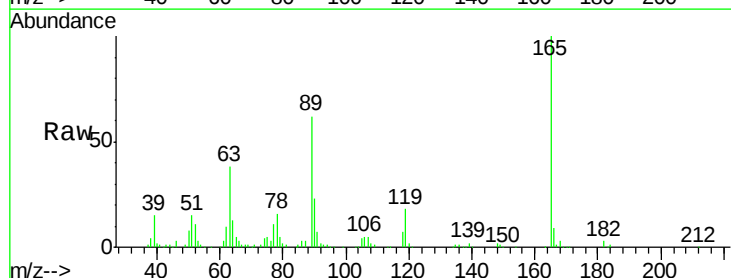


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

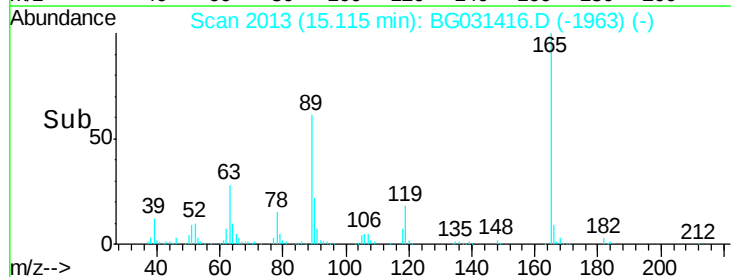
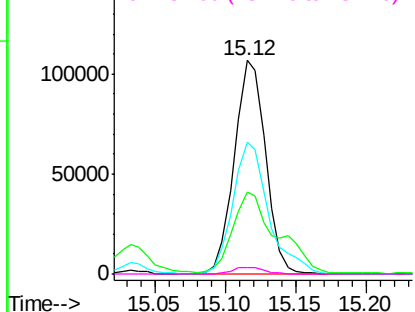


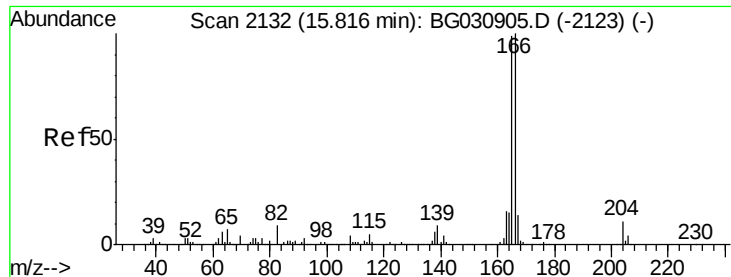
#56
2,4-Dinitrotoluene
Concen: 45.423 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion:165 Resp: 165293
Ion Ratio Lower Upper
165 100
63 38.3 42.0 63.0#
89 61.7 66.9 100.3#
182 3.0 2.6 3.8



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





#57

Fluorene

Concen: 40.934 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampleId :

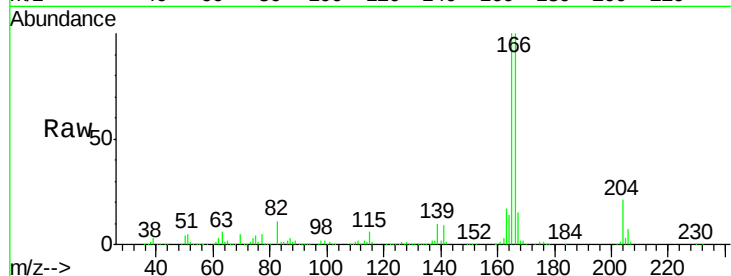
Tot Ion:166 Resp: 457240

Ion Ratio Lower Upper

166 100

165 100.2 80.6 121.0

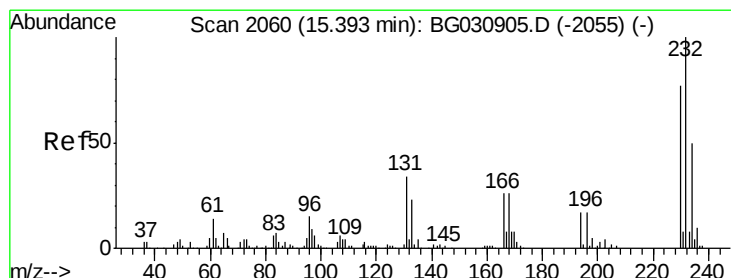
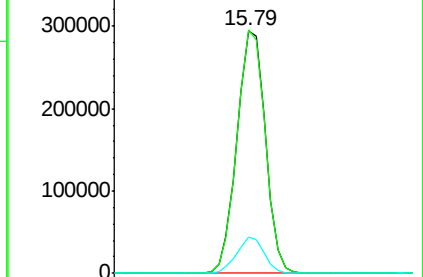
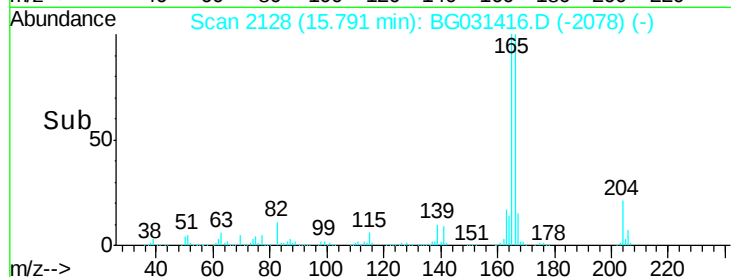
167 15.1 10.4 15.6



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: 44.538 ng

RT: 15.38 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Tgt Ion:232 Resp: 148837

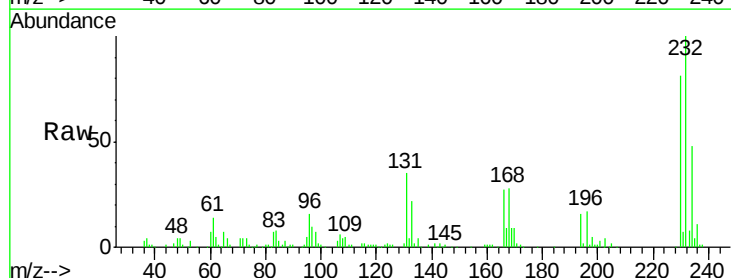
Ion Ratio Lower Upper

232 100

131 37.2 33.5 50.3

130 2.3 2.2 3.2

166 27.5 24.8 37.2

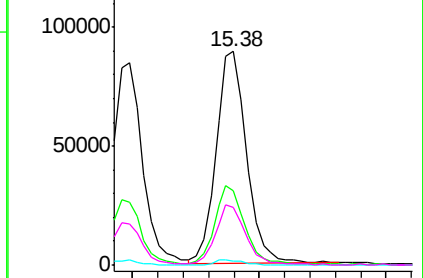
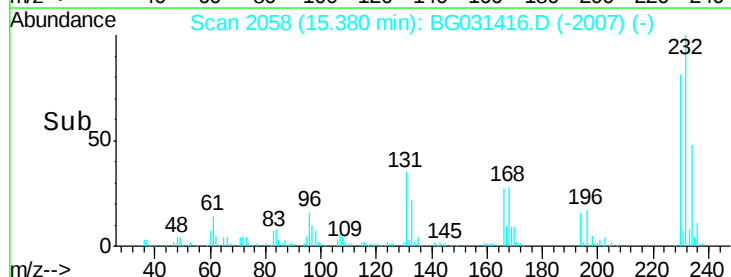


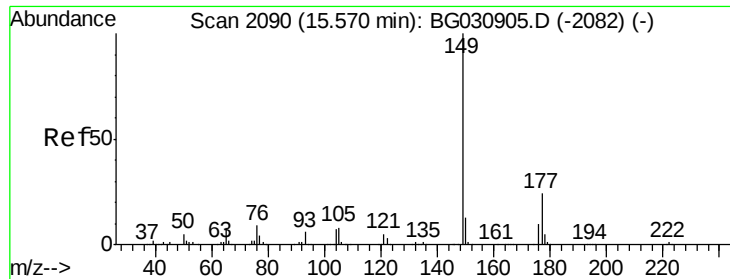
Abundance Ion 232.00 (231.70 to 232.70): E

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

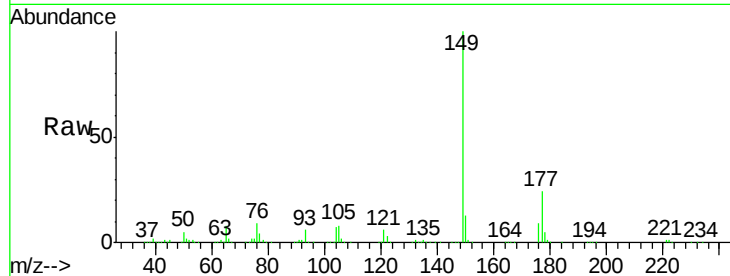




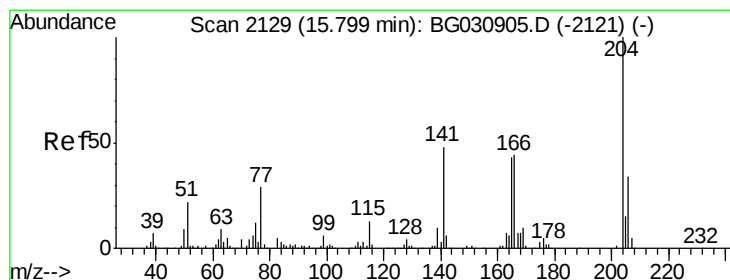
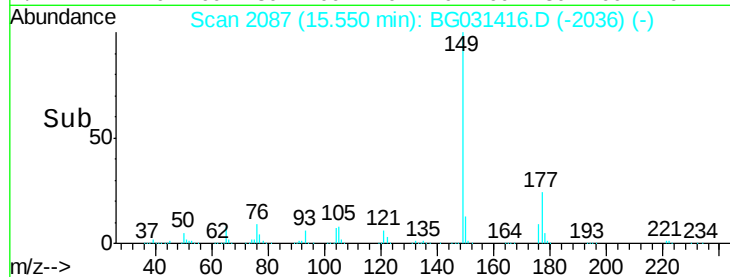
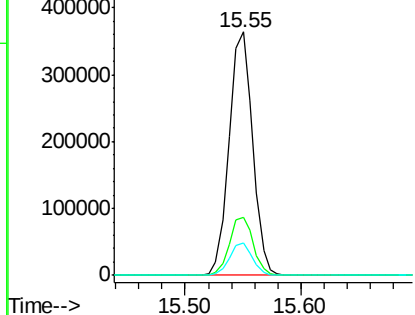
#59
Diethylphthalate
Concen: 41.307 ng
RT: 15.55 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 512409
Ion Ratio Lower Upper
149 100
177 23.8 18.5 27.7
150 13.3 10.2 15.2

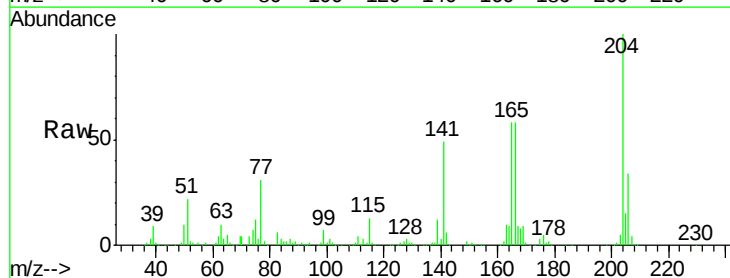


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

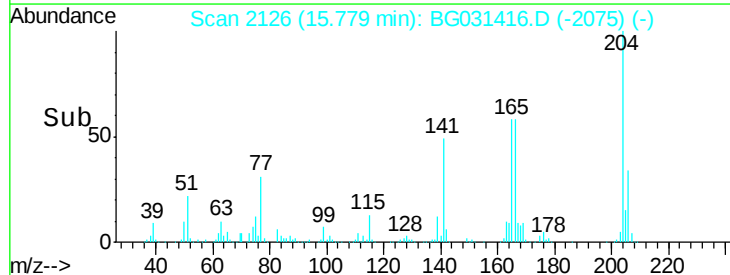
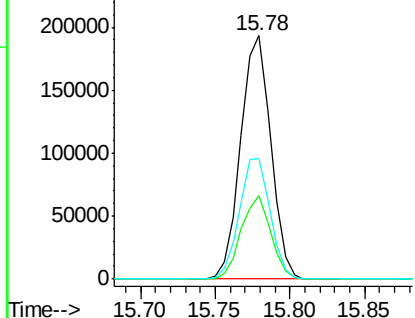


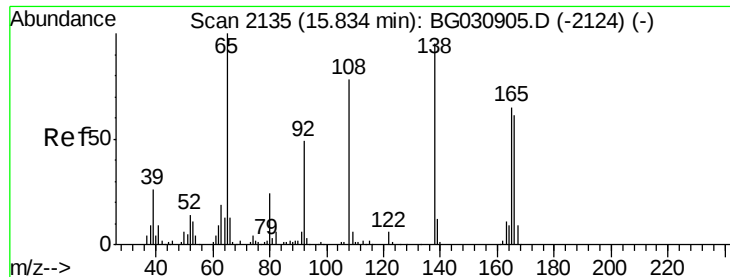
#60
4-Chlorophenyl-phenylether
Concen: 40.203 ng
RT: 15.78 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion:204 Resp: 271220
Ion Ratio Lower Upper
204 100
206 34.5 26.2 39.2
141 49.4 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: 42.292 ng

RT: 15.82 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampleId :

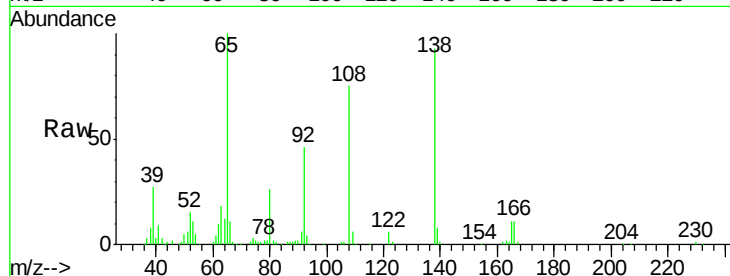
Tot Ion:138 Resp: 119695

Ion Ratio Lower Upper

138 100

92 50.0 40.1 80.1

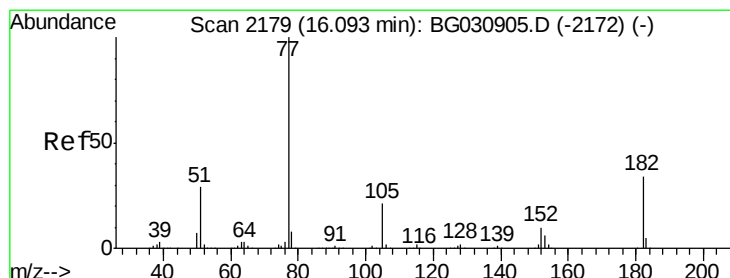
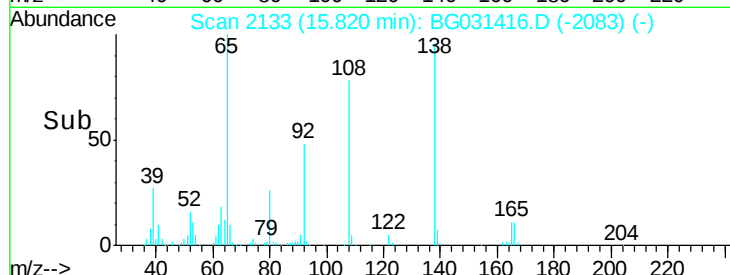
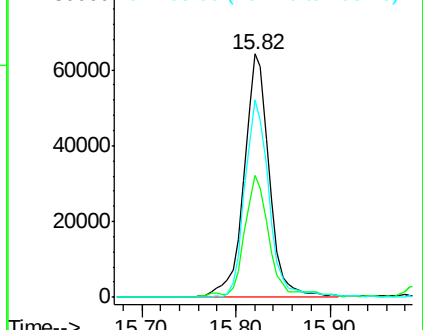
108 81.2 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.636 ng

RT: 16.07 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Tgt Ion: 77 Resp: 422282

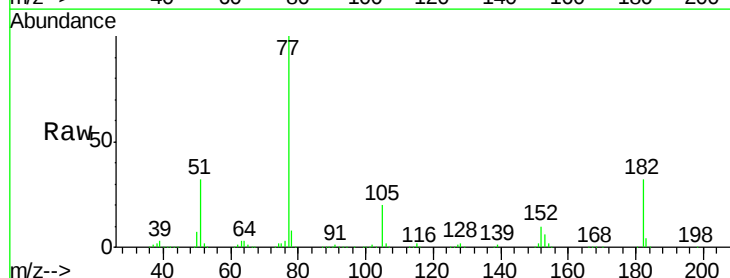
Ion Ratio Lower Upper

77 100

182 32.3 7.4 47.4

105 20.2 0.3 40.3

51 31.6 11.6 51.6

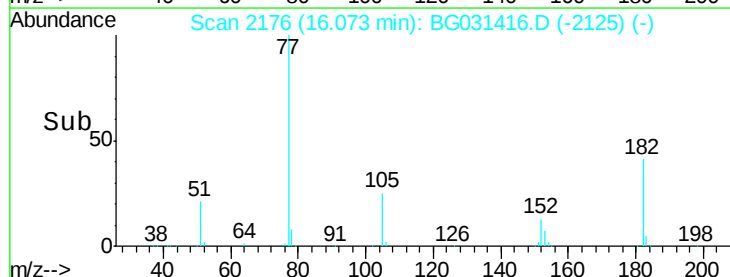
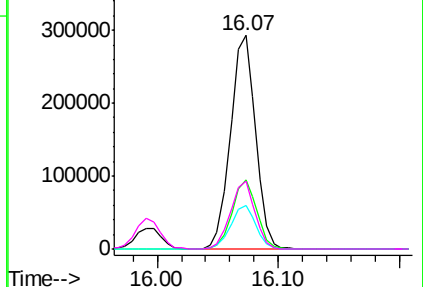


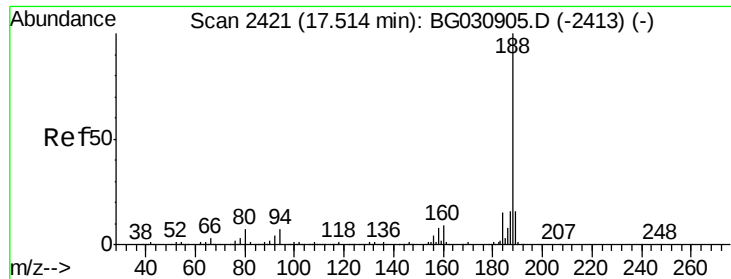
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

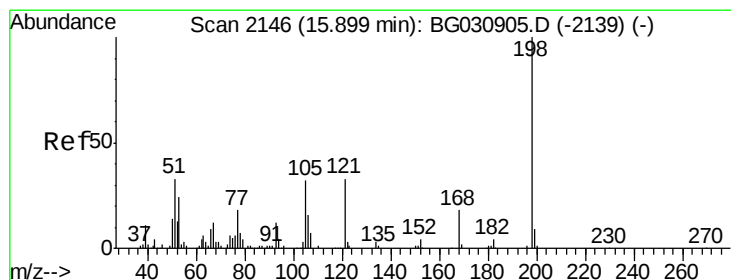
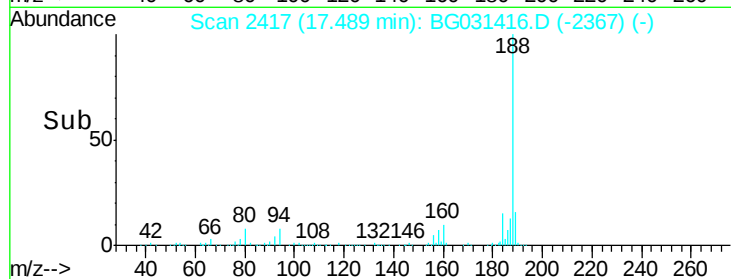
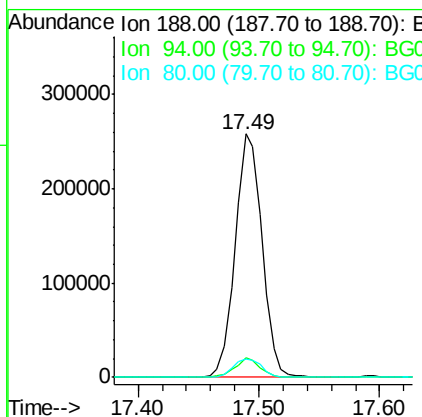
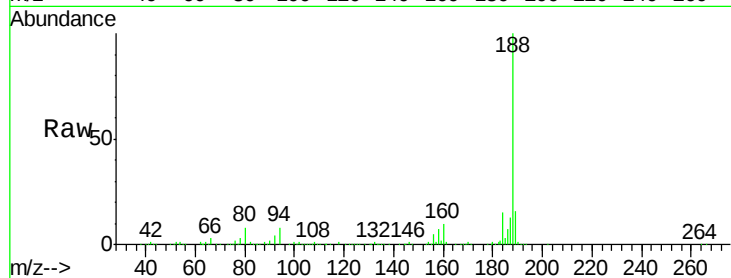




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

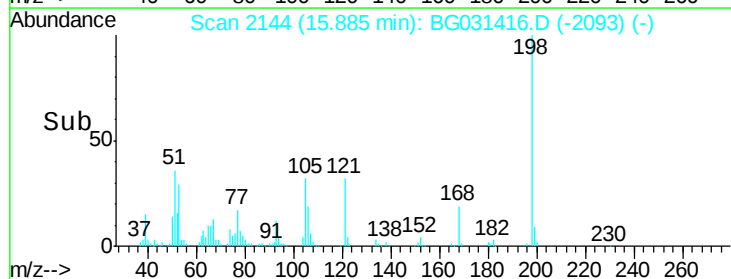
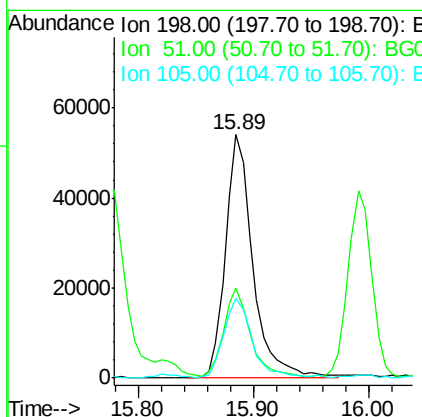
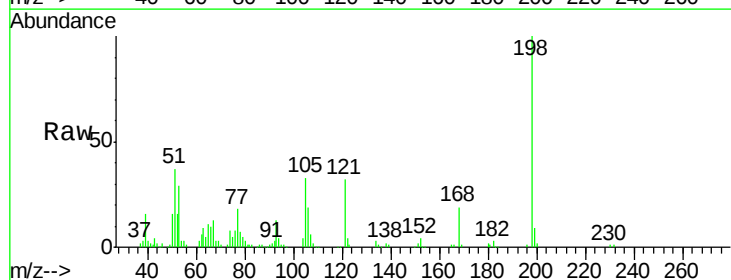
Instrument :
 BNA_G
 ClientSampleId :

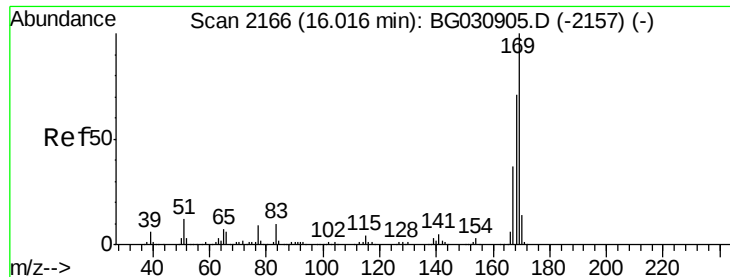
Tot Ion:188 Resp: 399450
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.9 10.3
 80 7.6 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.537 ng
 RT: 15.89 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion:198 Resp: 89045
 Ion Ratio Lower Upper
 198 100
 51 37.0 30.6 70.6
 105 33.0 23.8 63.8

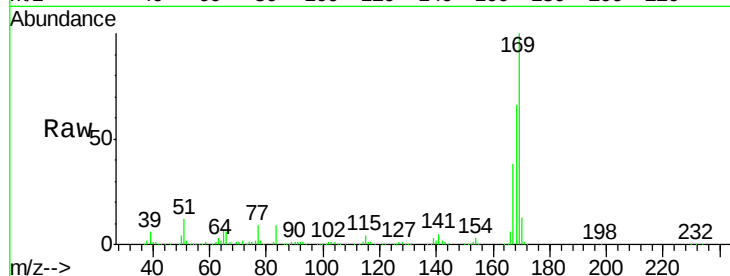




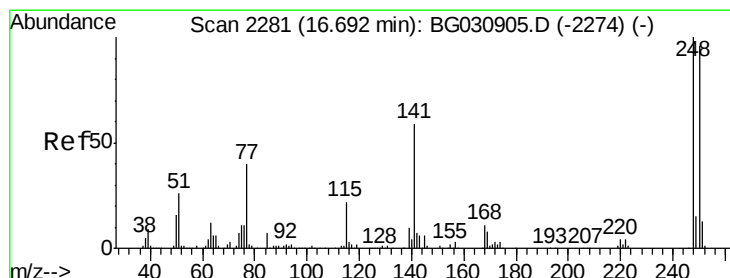
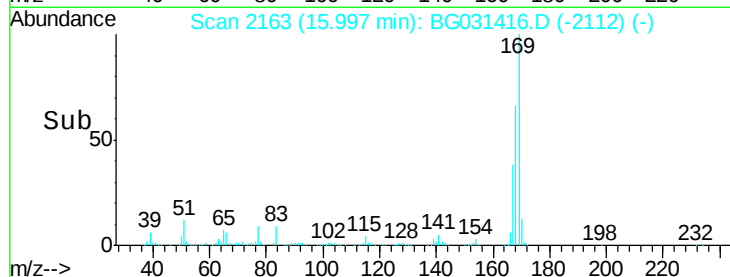
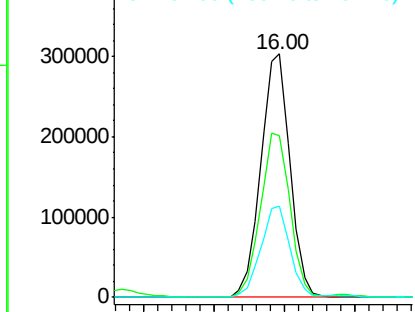
#65
 n-Nitrosodiphenylamine
 Concen: 36.372 ng
 RT: 16.00 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 440263
 Ion Ratio Lower Upper
 169 100
 168 66.3 55.7 83.5
 167 37.7 30.1 45.1

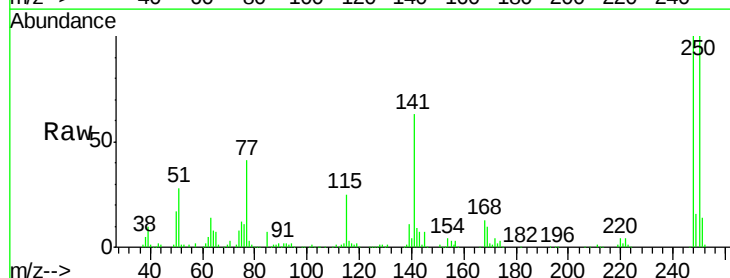


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

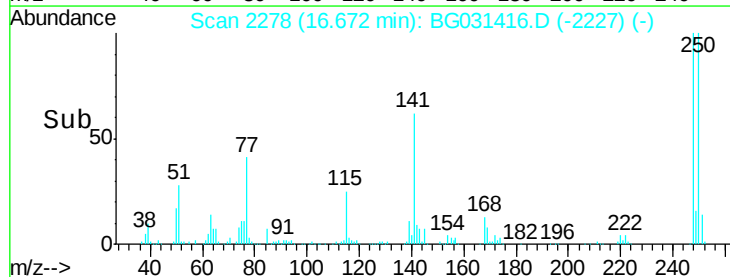
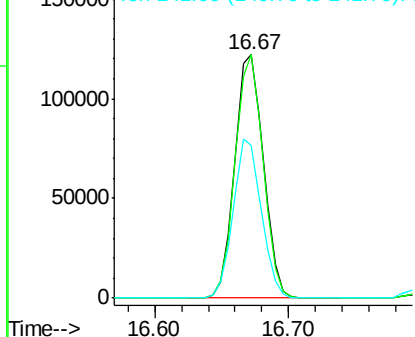


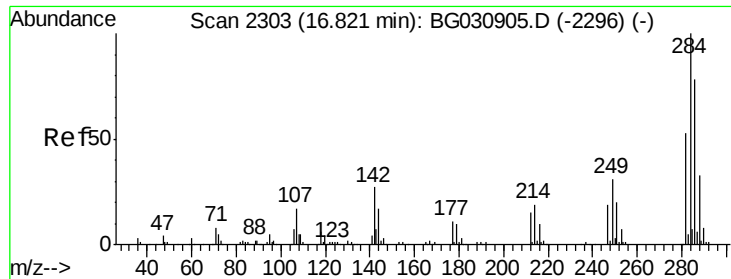
#66
 4-Bromophenyl-phenylether
 Concen: 35.974 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion:248 Resp: 182000
 Ion Ratio Lower Upper
 248 100
 250 100.0 77.1 115.7
 141 62.6 50.8 76.2



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

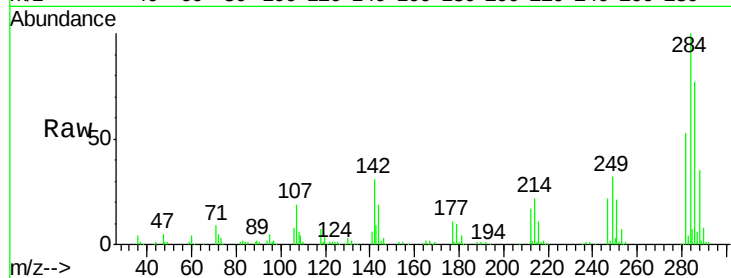




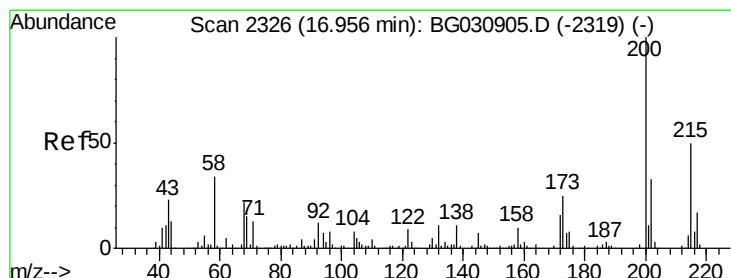
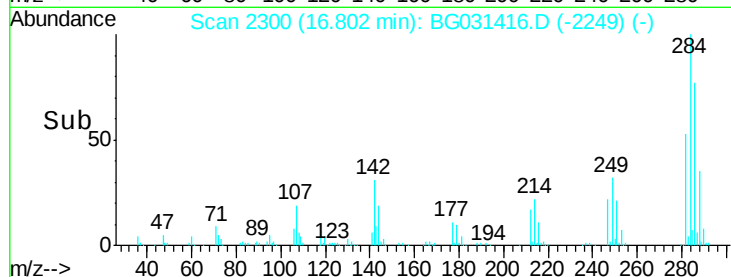
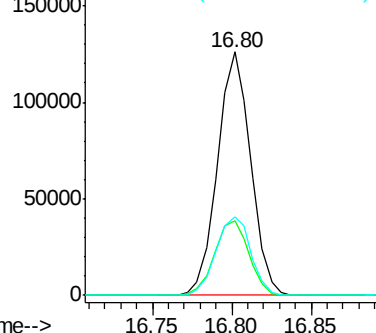
#67
Hexachlorobenzene
Concen: 34.087 ng
RT: 16.80 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 183242
Ion Ratio Lower Upper
284 100
142 30.9 26.8 40.2
249 32.1 26.3 39.5

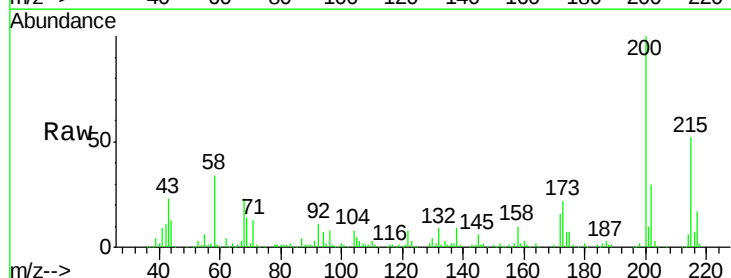


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

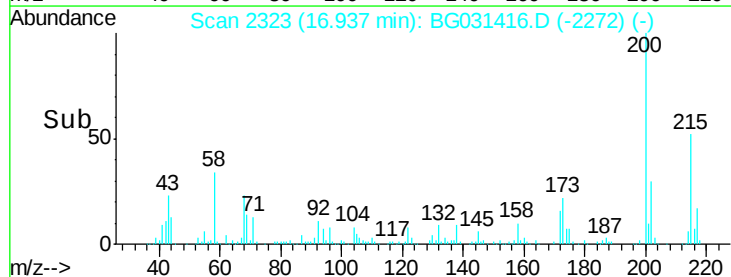
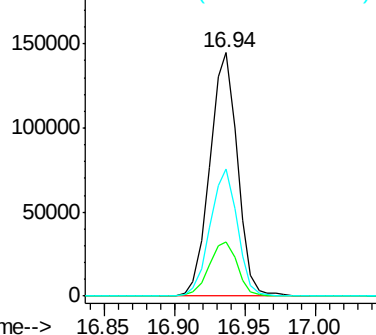


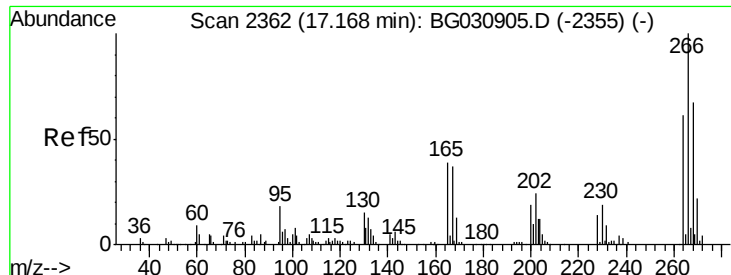
#68
Atrazine
Concen: 39.723 ng
RT: 16.94 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion:200 Resp: 198382
Ion Ratio Lower Upper
200 100
173 22.5 5.2 45.2
215 52.2 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: 58.536 ng

RT: 17.15 min Scan# 2359

Delta R.T. -0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampleId :

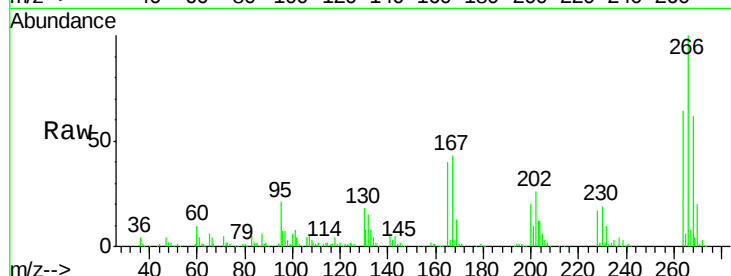
Tot Ion:266 Resp: 173942

Ion Ratio Lower Upper

266 100

268 61.8 51.1 76.7

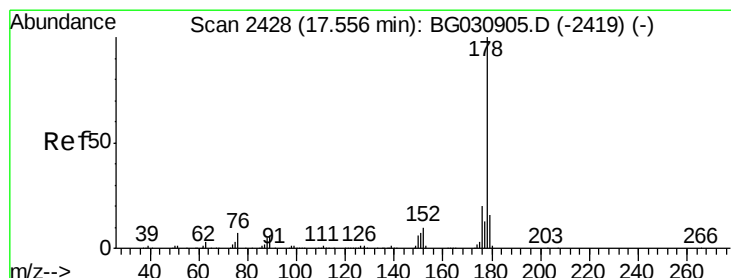
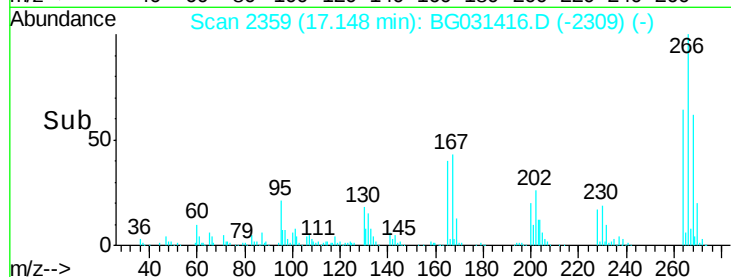
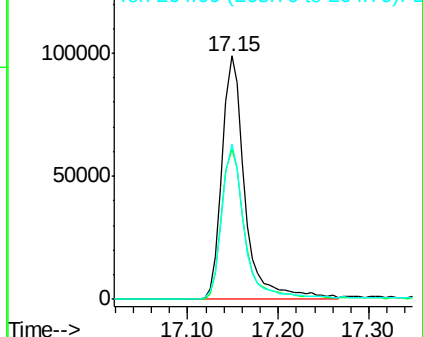
264 63.6 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.081 ng

RT: 17.54 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

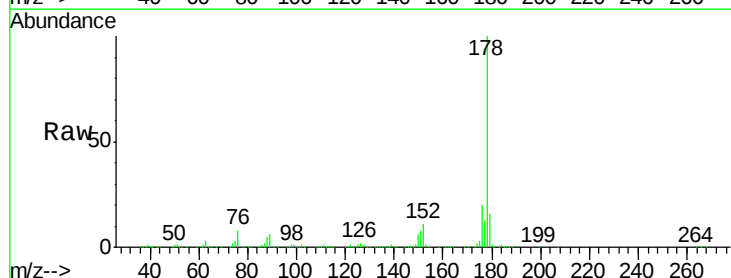
Tgt Ion:178 Resp: 833617

Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

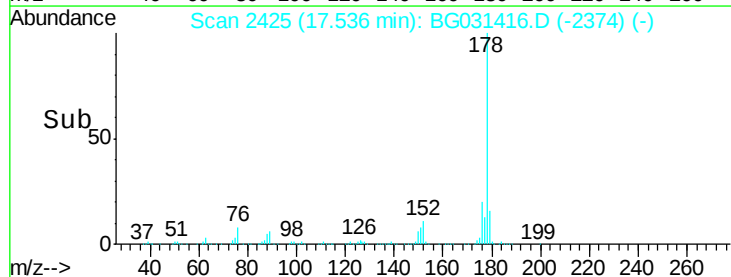
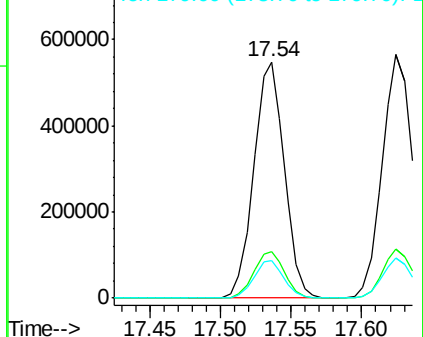
179 16.1 12.5 18.7

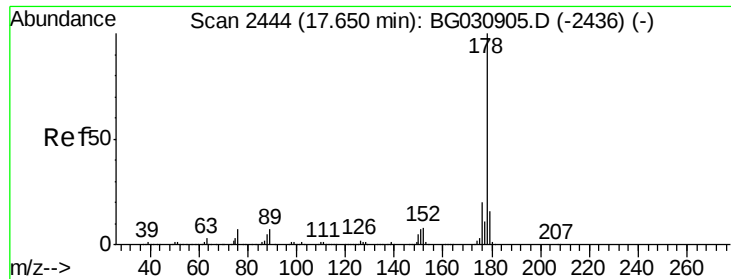


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

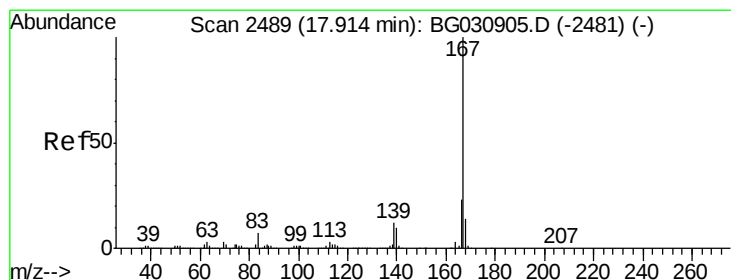
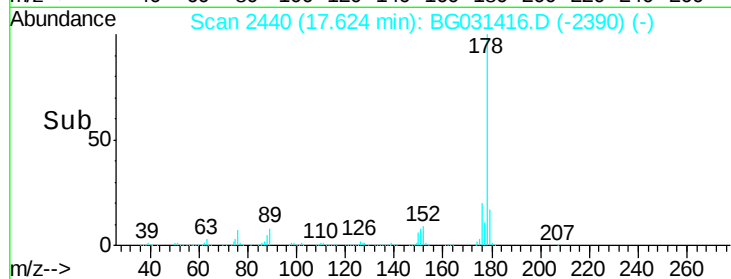
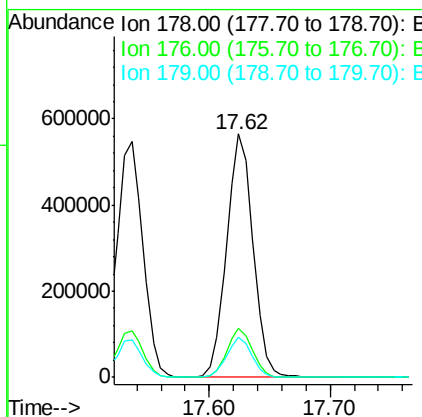
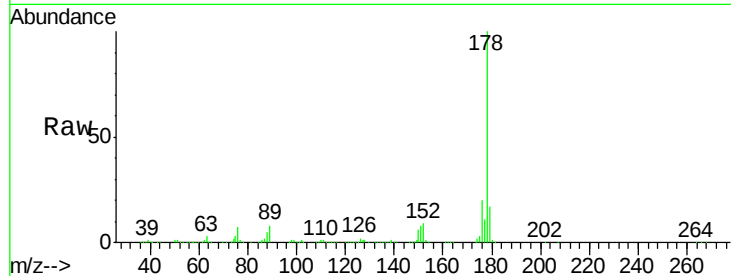




#71
 Anthracene
 Concen: 40.973 ng
 RT: 17.62 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

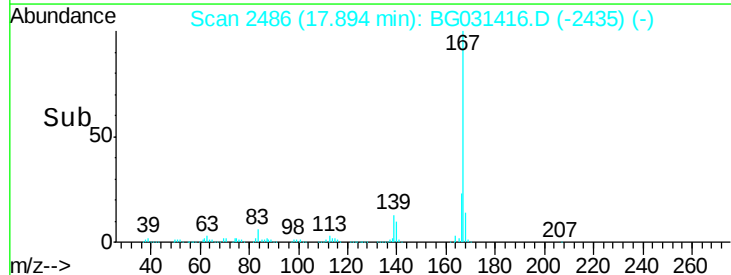
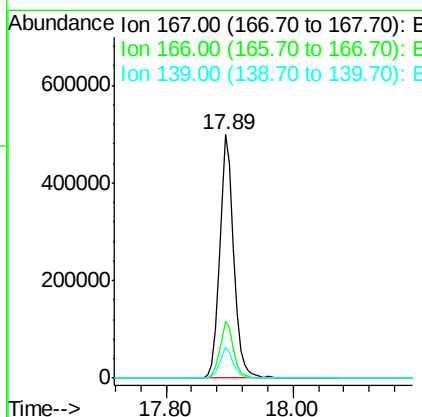
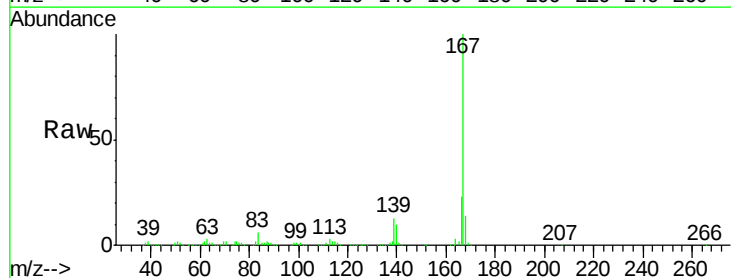
Instrument :
 BNA_G
 ClientSampleId :

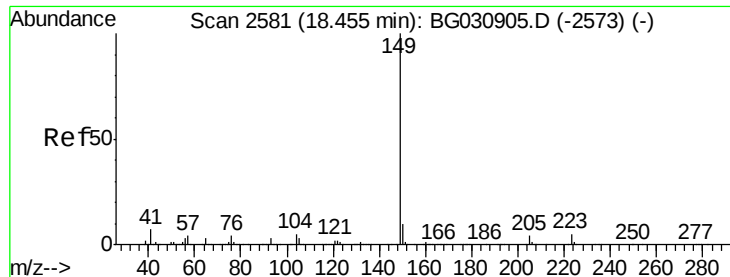
Tot Ion:178 Resp: 853878
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 16.6 12.5 18.7



#72
 Carbazole
 Concen: 40.471 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion:167 Resp: 790260
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 12.9 9.4 14.2

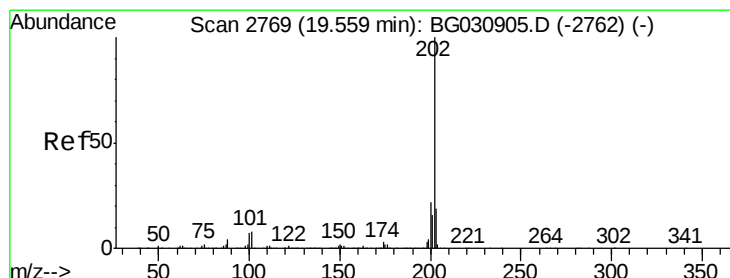
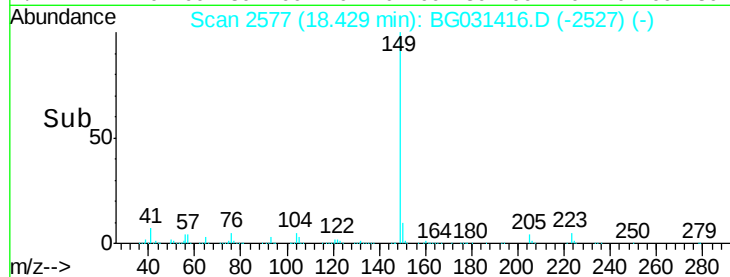
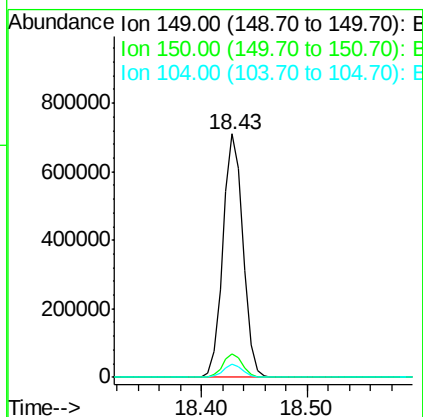
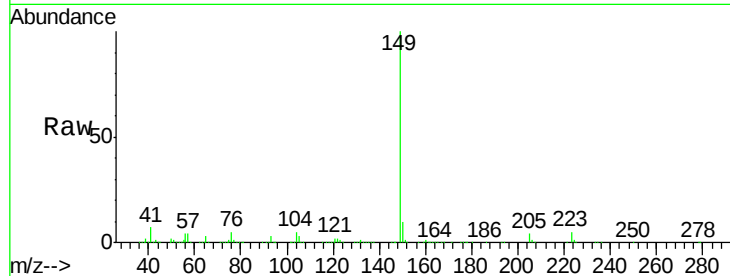




#73
Di-n-butylphthalate
Concen: 38.952 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

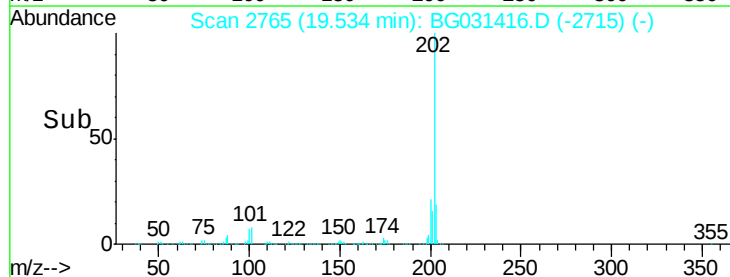
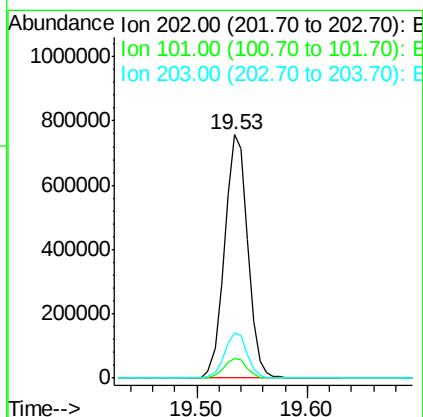
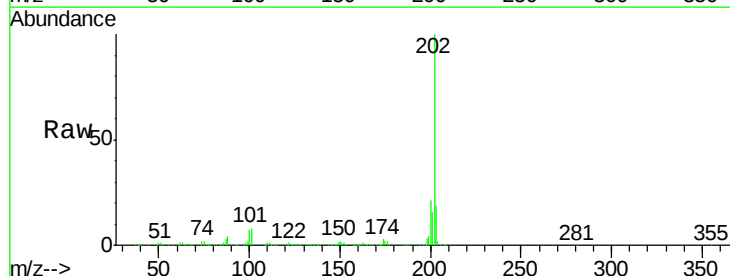
Instrument :
BNA_G
ClientSampleId :

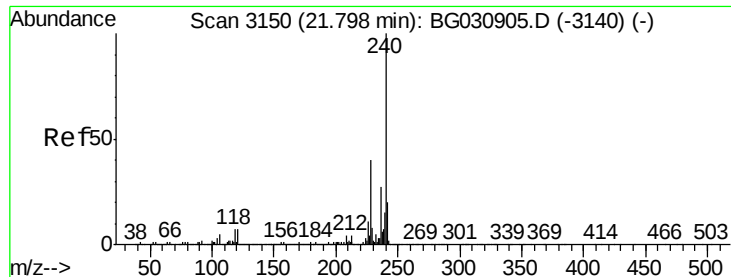
Tot Ion:149 Resp: 933906
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.4 3.9 5.9



#74
Fluoranthene
Concen: 42.123 ng
RT: 19.53 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion:202 Resp: 1109231
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.9
203 18.6 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

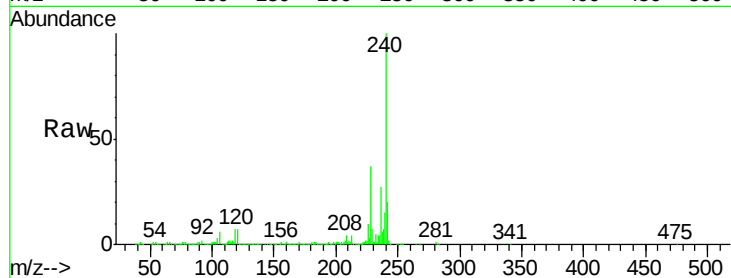
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 449120

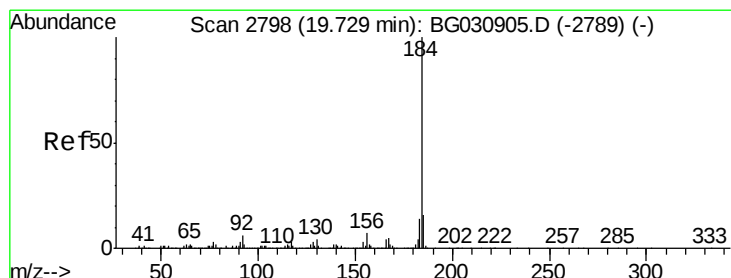
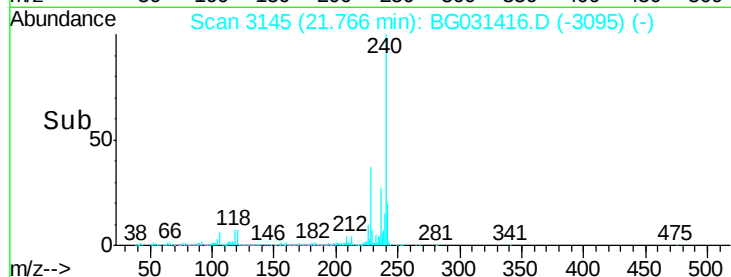
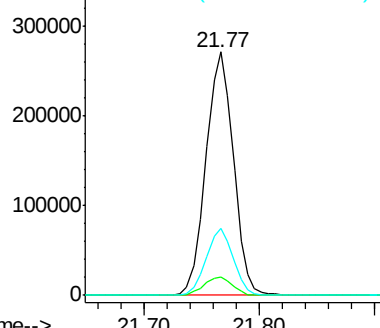
Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.8	10.2
236	27.4	20.9	31.3



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: 16.355 ng

RT: 19.71 min Scan# 2795

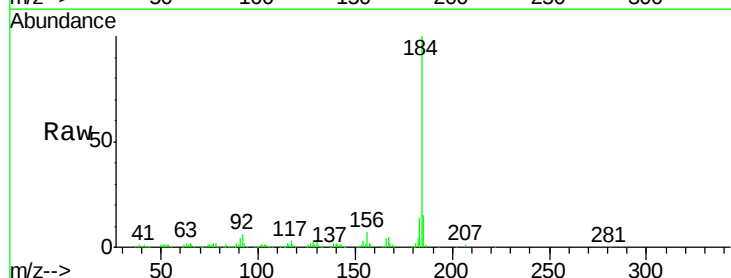
Delta R.T. 0.00 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Tgt Ion:184 Resp: 235954

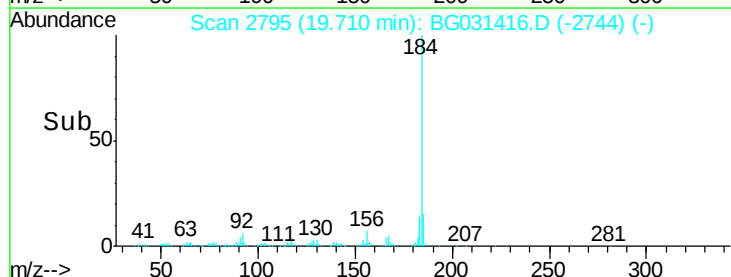
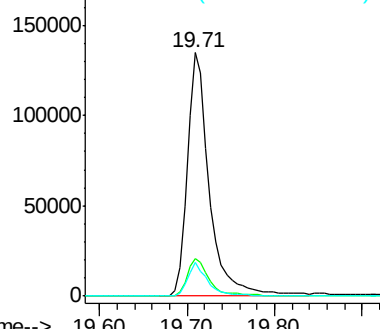
Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.1	16.7
183	13.6	10.6	16.0

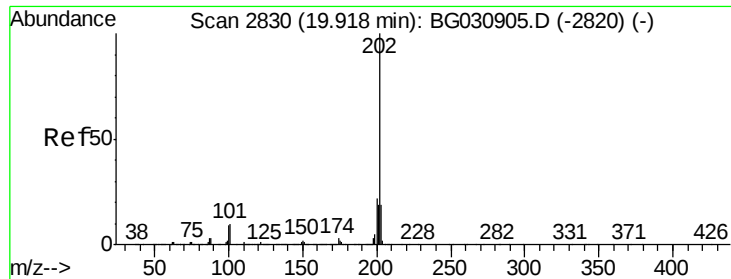


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

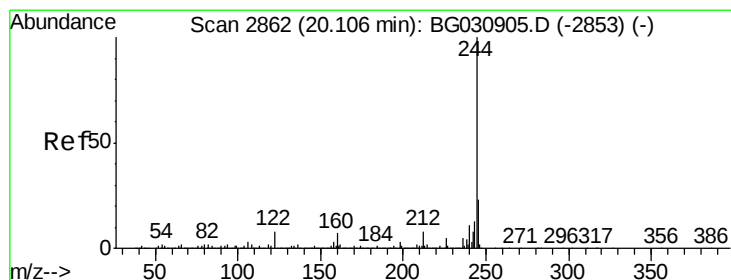
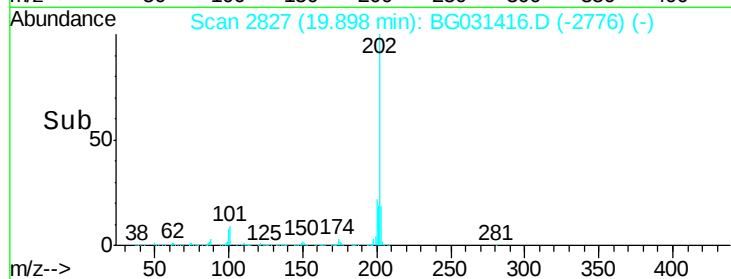
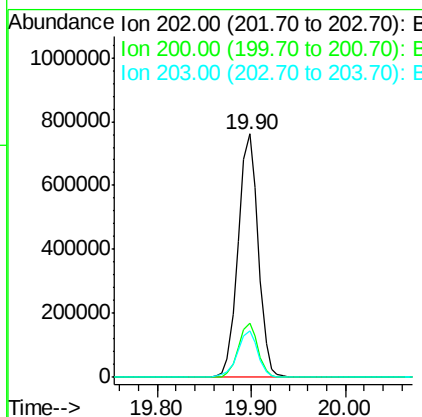
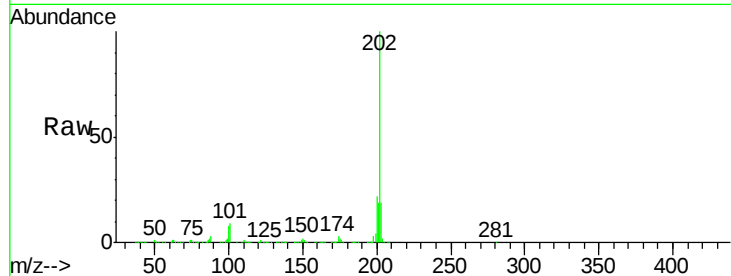




#77
 Pvrene
 Concen: 42.346 ng
 RT: 19.90 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

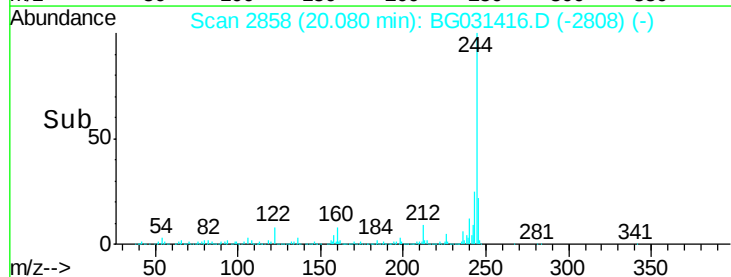
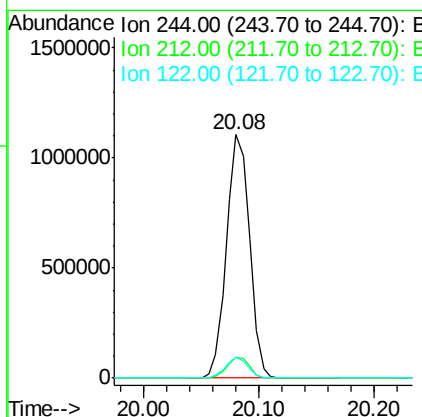
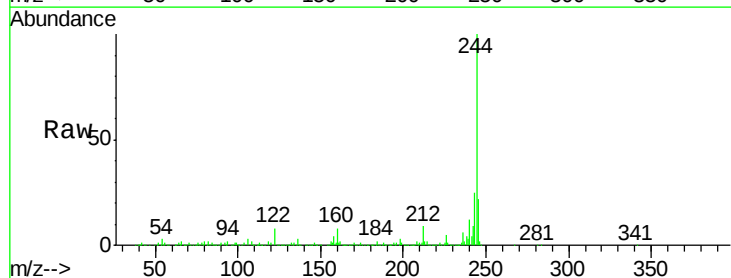
Instrument :
 BNA_G
 ClientSampleId :

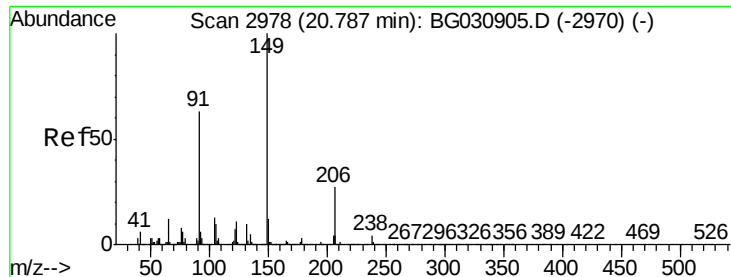
Tot Ion:202 Resp: 1128536
 Ion Ratio Lower Upper
 202 100
 200 22.3 16.9 25.3
 203 19.1 13.9 20.9



#78
 Terphenyl-d14
 Concen: 75.465 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion:244 Resp: 1534949
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.8 8.8
 122 8.5 7.0 10.4

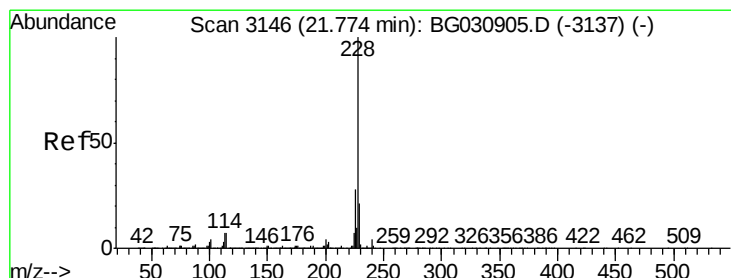
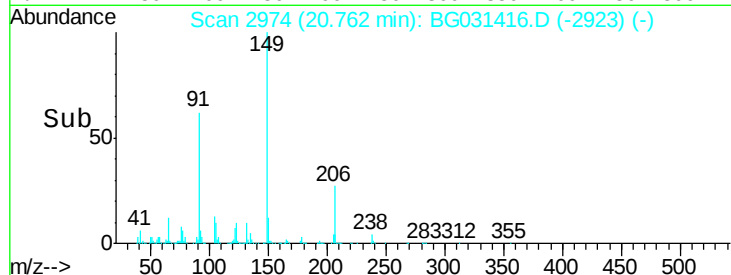
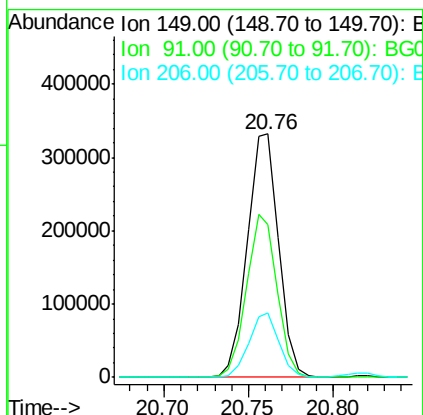
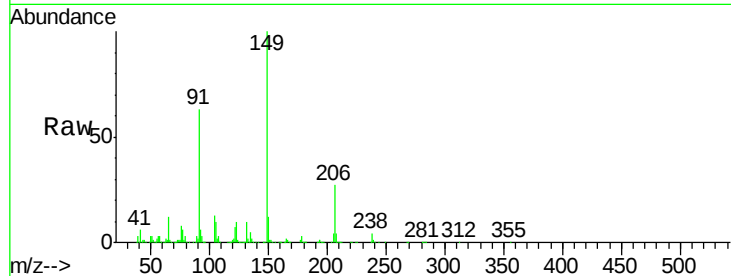




#79
Butylbenzylphthalate
Concen: 40.394 ng
RT: 20.76 min Scan# 2974
Delta R.T. 0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

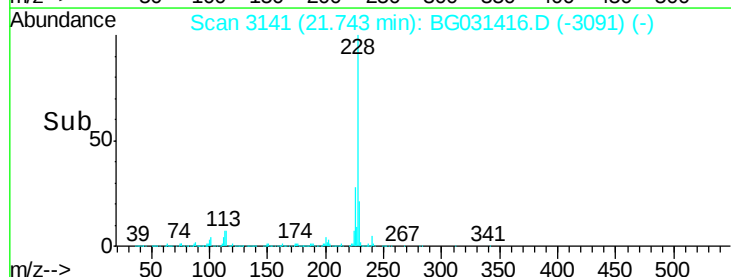
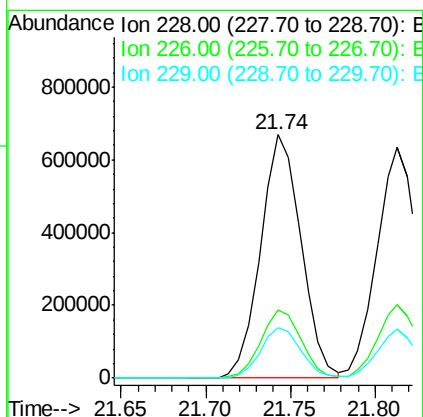
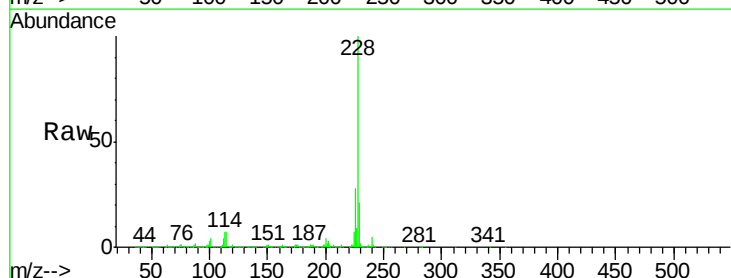
Instrument :
BNA_G
ClientSampleId :

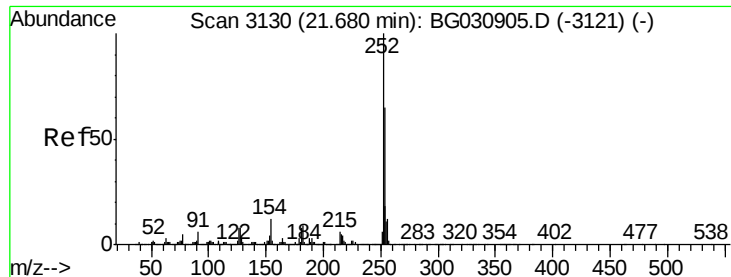
Tot Ion:149 Resp: 429231
Ion Ratio Lower Upper
149 100
91 62.5 62.2 93.2
206 26.5 18.6 27.8



#80
Benzo(a)anthracene
Concen: 39.644 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion:228 Resp: 1105964
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.7 16.2 24.2

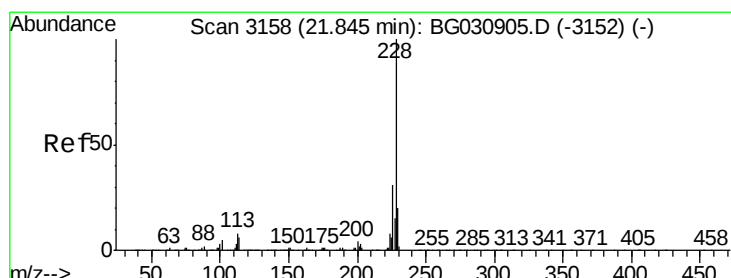
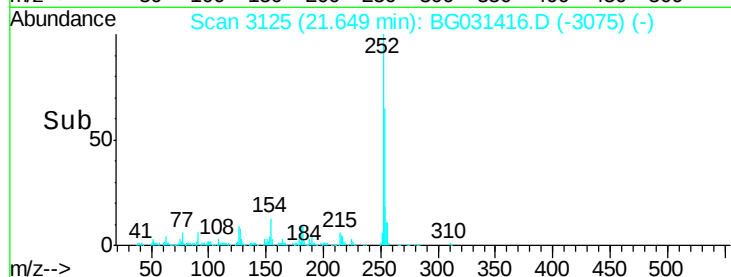
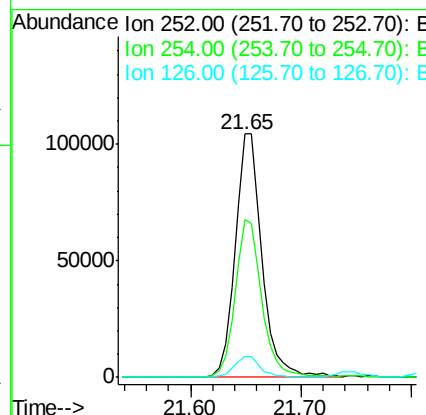
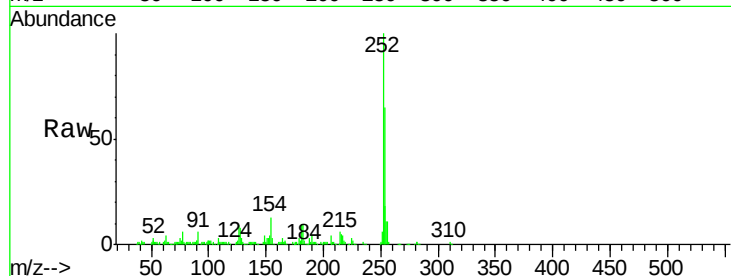




#81
 3,3'-Dichlorobenzidine
 Concen: 15.772 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

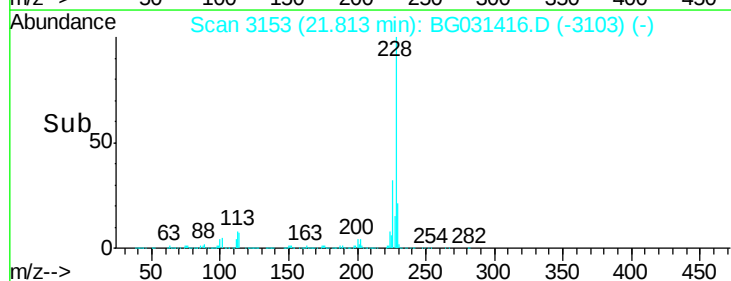
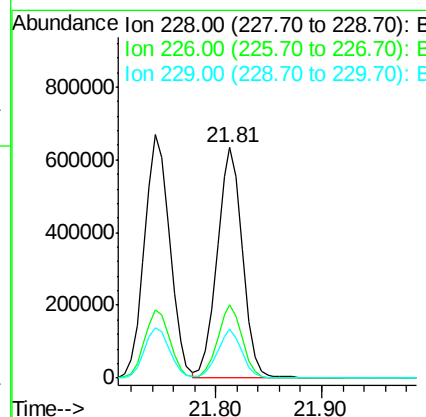
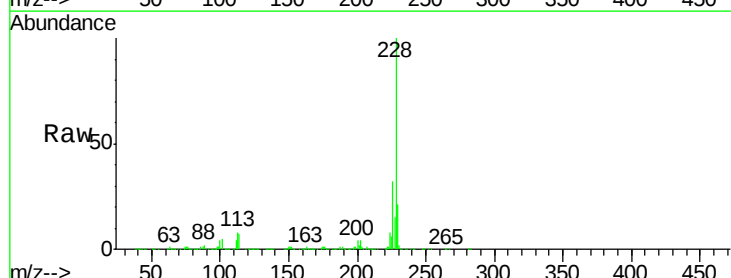
Instrument :
 BNA_G
 ClientSampleId :

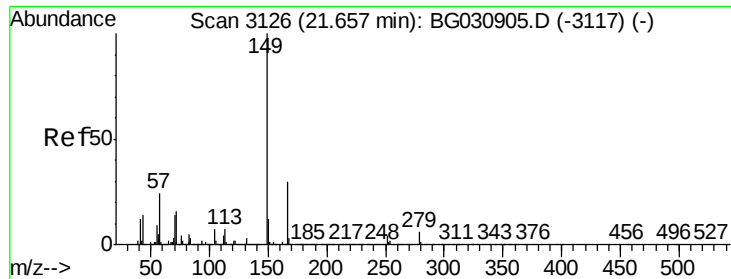
Tot Ion:252 Resp: 177611
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.8 76.2
 126 8.8 7.4 11.2



#82
 Chrysene
 Concen: 40.940 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion:228 Resp: 1056508
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.9 37.3
 229 21.2 15.0 22.4

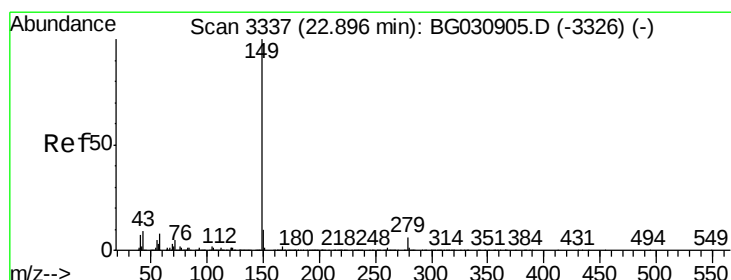
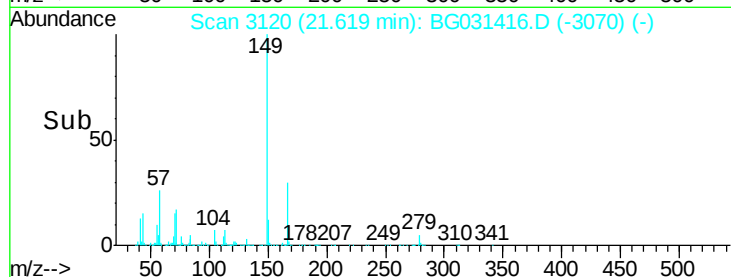
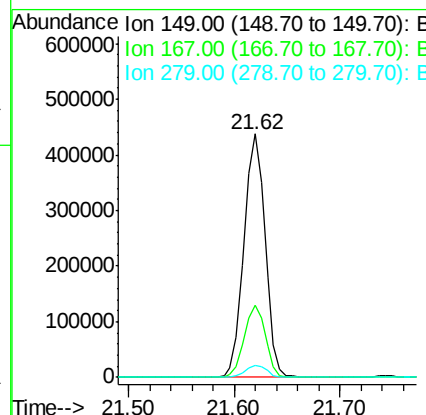
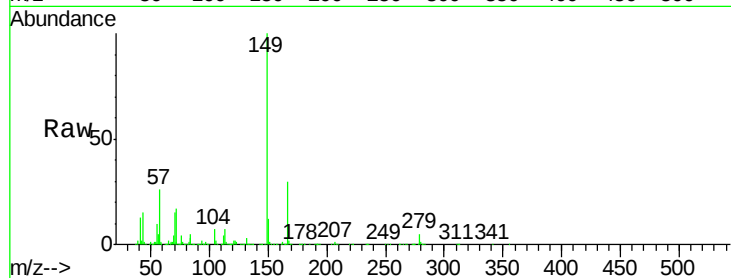




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.400 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

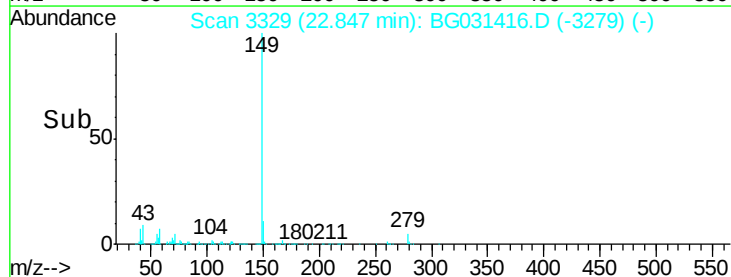
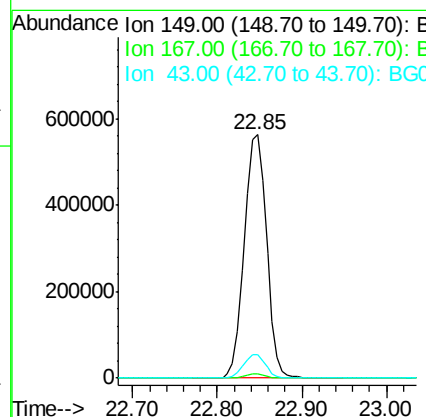
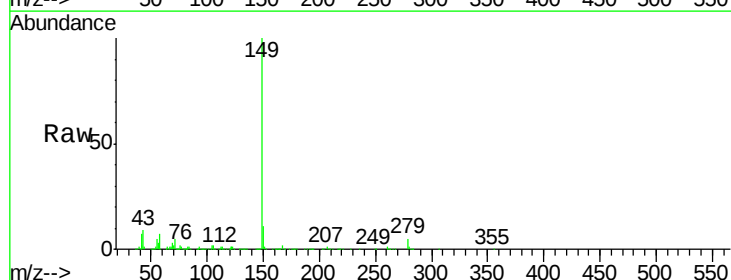
Instrument :
 BNA_G
 ClientSampleId :

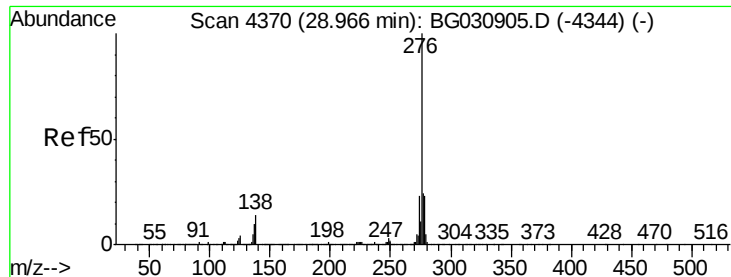
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.6	24.3	36.5
279	5.0	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 41.155 ng
 RT: 22.85 min Scan# 3329
 Delta R.T. -0.01 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.4	8.9	13.3

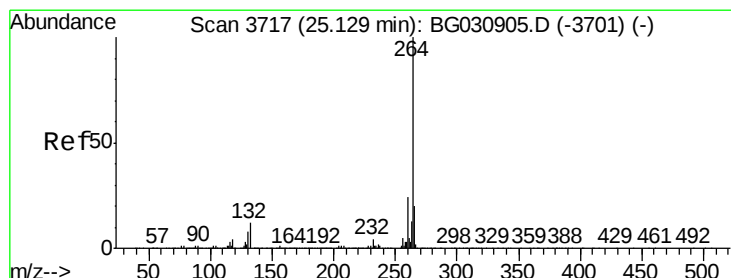
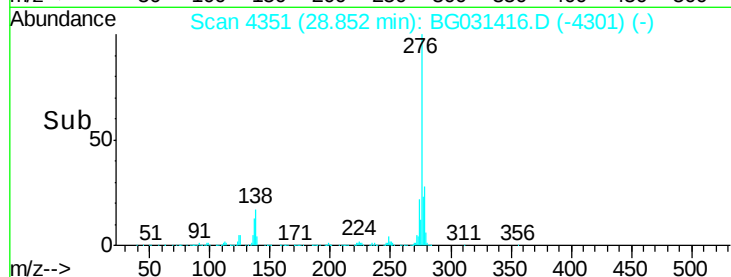
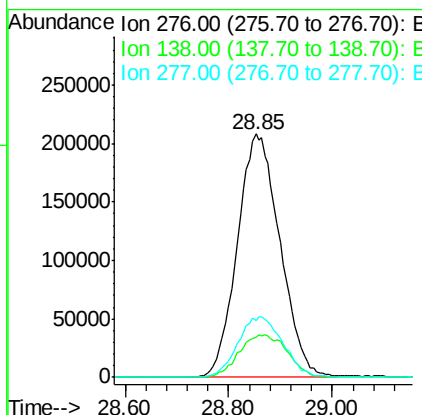
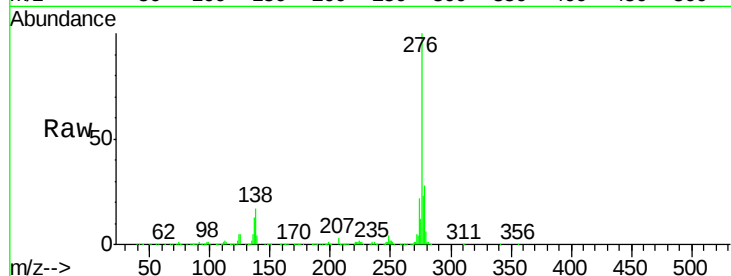




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.975 ng
RT: 28.85 min Scan# 4351
Delta R.T. -0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

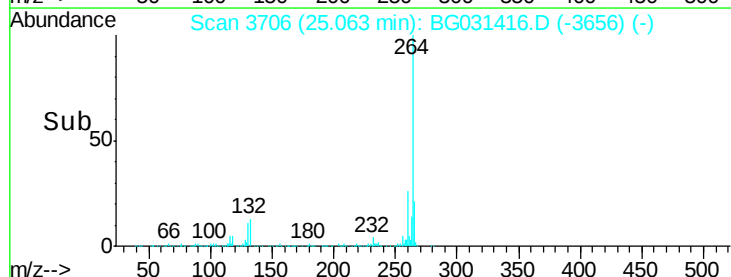
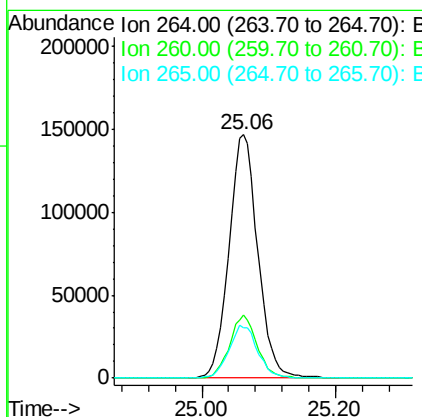
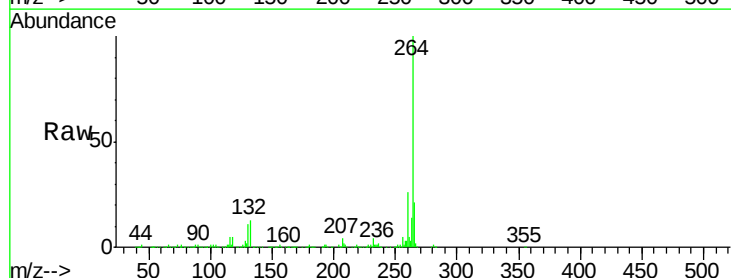
Instrument :
BNA_G
ClientSampled :

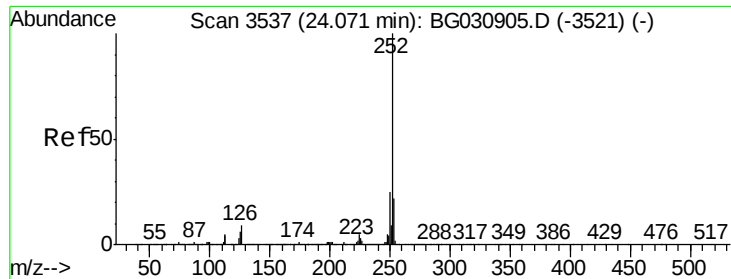
Tot Ion:276 Resp: 1191373
Ion Ratio Lower Upper
276 100
138 19.9 16.0 24.0
277 26.1 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion:264 Resp: 441094
Ion Ratio Lower Upper
264 100
260 25.7 17.4 26.0
265 20.6 17.7 26.5

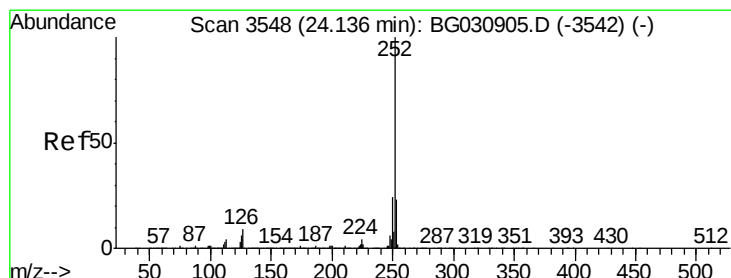
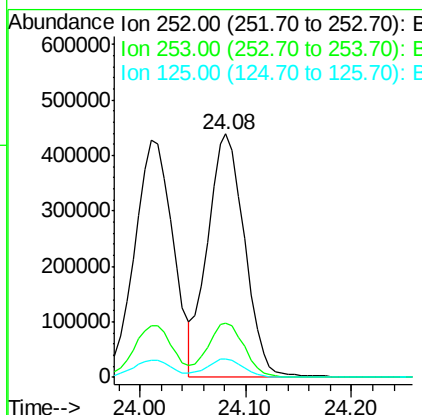
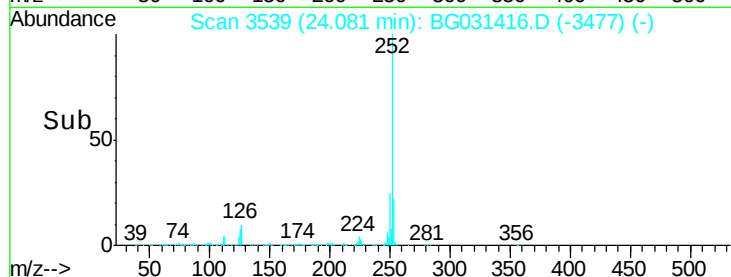
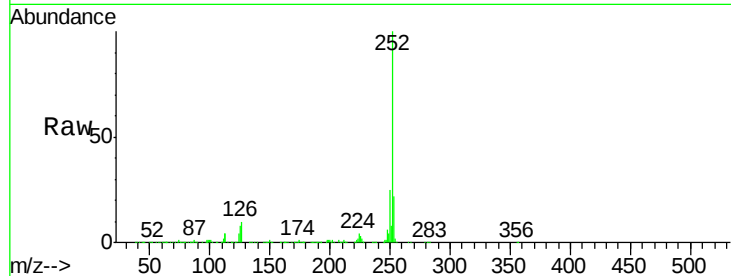




#87
Benzo(b)fluoranthene
Concen: 39.977 ng
RT: 24.08 min Scan# 3539
Delta R.T. 0.07 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

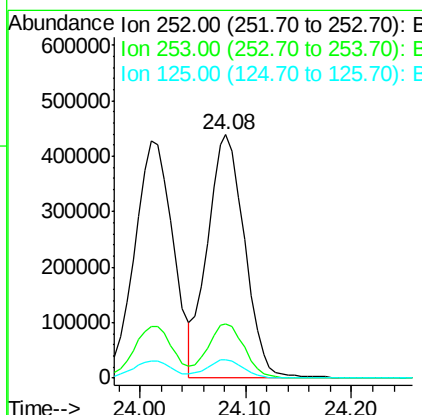
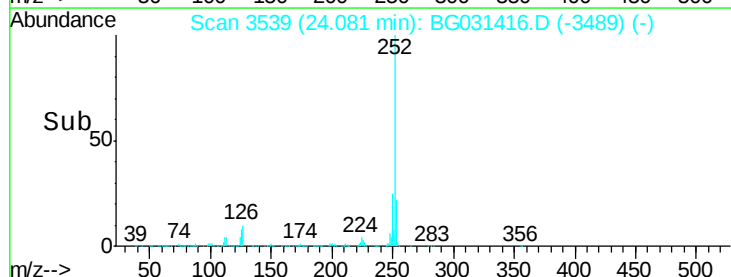
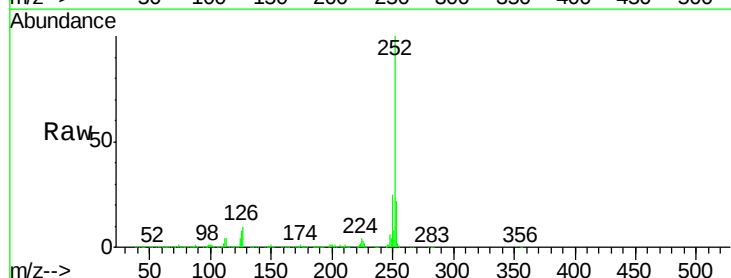
Instrument :
BNA_G
ClientSampleId :

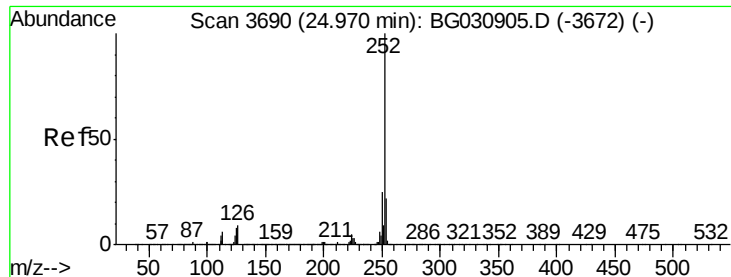
Tot Ion:252 Resp: 1066649
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 7.6 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 40.332 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG031416.D
Acq: 8 Dec 2017 10:26

Tgt Ion:252 Resp: 1066649
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 7.6 6.6 9.8





#89

Benzo(a)pyrene

Concen: 41.749 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

Instrument :

BNA_G

ClientSampleId :

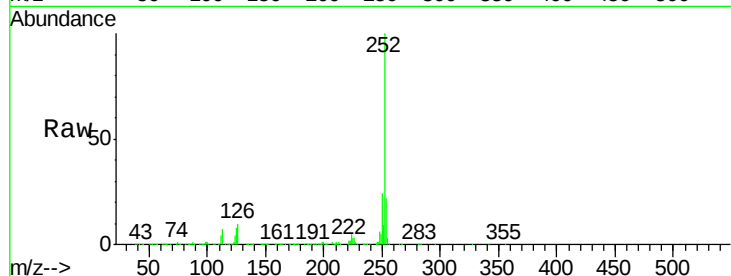
Tot Ion:252 Resp: 1058223

Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

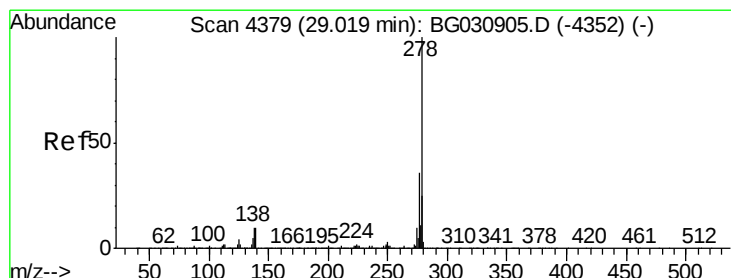
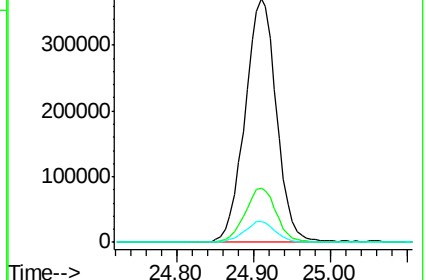
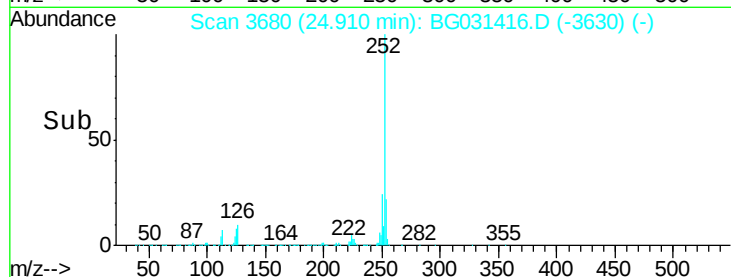
125 8.4 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.350 ng

RT: 28.90 min Scan# 4359

Delta R.T. -0.02 min

Lab File: BG031416.D

Acq: 8 Dec 2017 10:26

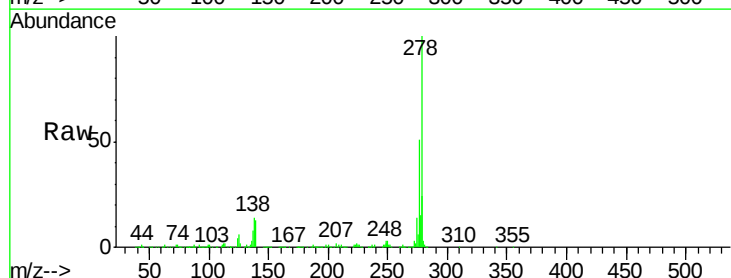
Tgt Ion:278 Resp: 993551

Ion Ratio Lower Upper

278 100

139 12.6 9.8 14.6

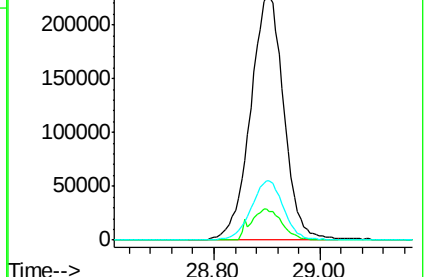
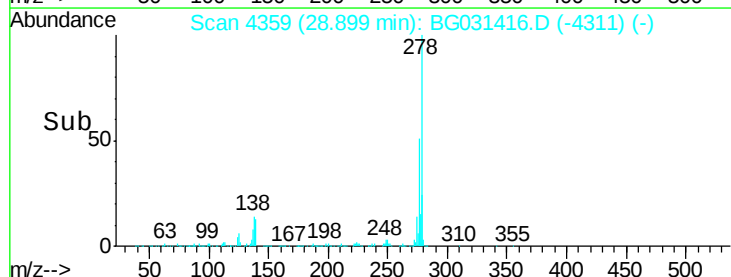
279 24.2 18.4 27.6

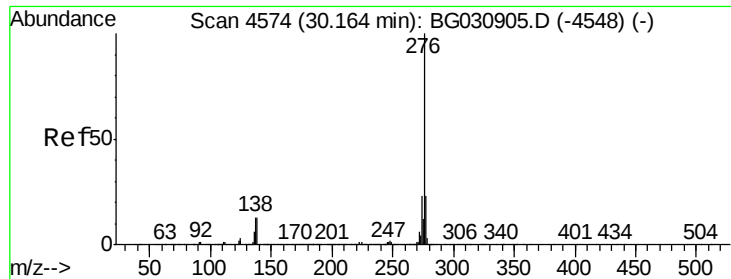


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.857 ng
 RT: 30.04 min Scan# 4554
 Delta R.T. 0.00 min
 Lab File: BG031416.D
 Acq: 8 Dec 2017 10:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1002205

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.3	27.5
138	15.5	13.9	20.9

