

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032516.D
 Acq On : 2 Feb 2018 17:38
 Operator : SJ/JU
 Sample : J1395-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 02 21:51:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	23571	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	95228	20.00	ng	-0.01
38) Acenaphthene-d10	15.35	164	71950	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	195888	20.00	ng	0.00
75) Chrysene-d12	22.41	240	253824	20.00	ng	0.00
86) Perylene-d12	26.08	264	269802	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	159895	136.25	ng	0.00
7) Phenol-d6	7.83	99	190486	121.64	ng	0.00
23) Nitrobenzene-d5	9.91	82	140653	92.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	197318	144.07	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	527634	87.16	ng	-0.01
78) Terphenyl-d14	20.62	244	1128176	95.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.81	88	14204	35.974	ng	# 73
3) Pyridine	4.27	79	35311	33.121	ng	# 78
4) n-Nitrosodimethylamine	4.17	42	27258	49.115	ng	# 62
6) Aniline	8.01	93	18790	9.624	ng	96
8) 2-Chlorophenol	8.26	128	68668	49.502	ng	# 76
9) Benzaldehyde	7.82	77	18367	22.708	ng	84
10) Phenol	7.86	94	63463	42.675	ng	87
11) bis(2-Chloroethyl)ether	8.10	93	47361	41.797	ng	# 81
12) 1,3-Dichlorobenzene	8.60	146	78061	41.611	ng	96
13) 1,4-Dichlorobenzene	8.74	146	79376	42.215	ng	95
14) 1,2-Dichlorobenzene	9.08	146	77212	41.919	ng	99
15) Benzyl Alcohol	8.95	79	55931	43.337	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	9.24	45	45185	42.083	ng	68
17) 2-Methylphenol	9.15	107	52844	43.752	ng	96
18) Hexachloroethane	9.83	117	27820	44.068	ng	# 83
19) n-Nitroso-di-n-propylamine	9.52	70	43119	41.528	ng	# 92
20) 3+4-Methylphenols	9.50	107	72292	42.670	ng	97
22) Acetophenone	9.55	105	97066	43.483	ng	# 92
24) Nitrobenzene	9.95	77	62851	42.632	ng	# 87
25) Isophorone	10.47	82	129196	49.767	ng	# 82
26) 2-Nitrophenol	10.68	139	39354	44.159	ng	# 81
27) 2,4-Dimethylphenol	10.72	122	66115	51.687	ng	93
28) bis(2-Chloroethoxy)methane	10.96	93	70288	49.375	ng	# 93
29) 2,4-Dichlorophenol	11.22	162	85388	50.391	ng	90
30) 1,2,4-Trichlorobenzene	11.44	180	96472	42.716	ng	98
31) Naphthalene	11.64	128	215496	46.333	ng	98
32) Benzoic acid	10.72	122	66115	66.057	ng	# 10
33) 4-Chloroaniline	11.75	127	13651	6.581	ng	# 89
34) Hexachlorobutadiene	11.90	225	76096	43.306	ng	95
35) Caprolactam	12.49	113	18143	37.297	ng	# 46
36) 4-Chloro-3-methylphenol	12.83	107	83159	51.738	ng	# 84
37) 2-Methylnaphthalene	13.20	142	180565	46.211	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	142845	42.437	ng	# 97
40) Hexachlorocyclopentadiene	13.53	237	172353	81.951	ng	88

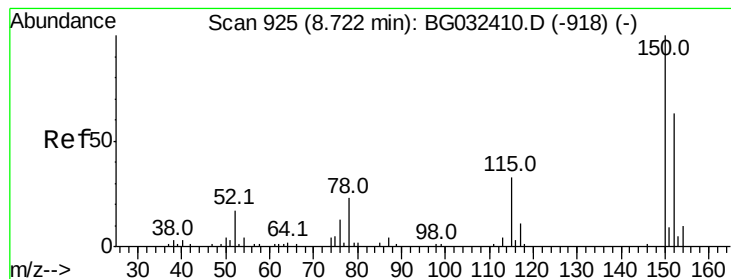
Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	85567	46.735	nq	98
43) 2,4,5-Trichlorophenol	13.80	196	85567	40.090	nq	96
45) 1,1'-Biphenyl	14.18	154	265445	43.668	nq	94
46) 2-Chloronaphthalene	14.24	162	208451	43.752	nq	97
47) 2-Nitroaniline	14.43	65	49791	47.258	nq #	78
48) Acenaphthylene	15.08	152	314571	43.675	nq	99
49) Dimethylphthalate	14.78	163	294803	44.437	nq	99
50) 2,6-Dinitrotoluene	14.91	165	64969	46.659	nq #	79
51) Acenaphthene	15.41	154	202642	40.568	nq	96
52) 3-Nitroaniline	15.25	138	16574	13.627	nq #	85
53) 2,4-Dinitrophenol	15.45	184	6384	11.072	nq #	81
54) Dibenzofuran	15.74	168	346622	46.883	nq	98
55) 4-Nitrophenol	15.54	139	64160	70.464	nq #	76
56) 2,4-Dinitrotoluene	15.69	165	96285	48.566	nq #	68
57) Fluorene	16.38	166	281041	45.745	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	104348	49.570	nq #	85
59) Diethylphthalate	16.12	149	294316	45.550	nq	96
60) 4-Chlorophenyl-phenylether	16.36	204	176389	45.530	nq	97
61) 4-Nitroaniline	16.40	138	50825	38.989	nq	80
62) Azobenzene	16.65	77	178785	46.302	nq #	82
64) 4,6-Dinitro-2-methylphenol	16.45	198	12828	8.766	nq #	68
65) n-Nitrosodiphenylamine	16.58	169	263063	44.999	nq	97
66) 4-Bromophenyl-phenylether	17.25	248	133792	46.102	nq	96
67) Hexachlorobenzene	17.38	284	141986	44.211	nq #	89
68) Atrazine	17.50	200	123176	49.083	nq	96
69) Pentachlorophenol	17.72	266	70329	34.957	nq	99
70) Phenanthrene	18.12	178	493406	45.167	nq	98
71) Anthracene	18.21	178	508112	46.713	nq	97
72) Carbazole	18.47	167	434133	45.172	nq	99
73) Di-n-butylphthalate	18.98	149	497621	46.766	nq	99
74) Fluoranthene	20.09	202	666230	46.504	nq	95
76) Benzidine	20.25	184	95506	19.162	nq	98
77) Pyrene	20.44	202	674416	43.320	nq	99
79) Butylbenzylphthalate	21.30	149	228320	46.496	nq #	80
80) Benzo(a)anthracene	22.39	228	728013	46.265	nq	97
81) 3,3'-Dichlorobenzidine	22.28	252	70732	11.602	nq #	98
82) Chrysene	22.46	228	678662	44.659	nq	98
83) Bis(2-ethylhexyl)phthalate	22.22	149	323070	46.400	nq #	99
84) Di-n-octyl phthalate	23.59	149	557190	50.454	nq #	90
85) Indeno(1,2,3-cd)pyrene	30.33	276	901386	46.888	nq #	85
87) Benzo(b)fluoranthene	24.90	252	782760	48.016	nq #	96
88) Benzo(k)fluoranthene	24.98	252	767727	47.540	nq #	96
89) Benzo(a)pyrene	25.91	252	758996	48.836	nq #	93
90) Dibenzo(a,h)anthracene	30.42	278	750831	47.226	nq #	93
91) Benzo(g,h,i)perylene	31.68	276	718306	45.518	nq #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.71 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampled :

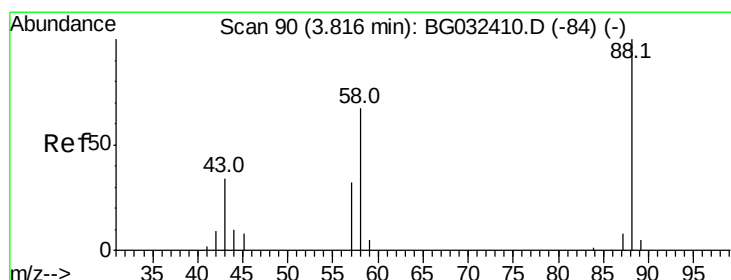
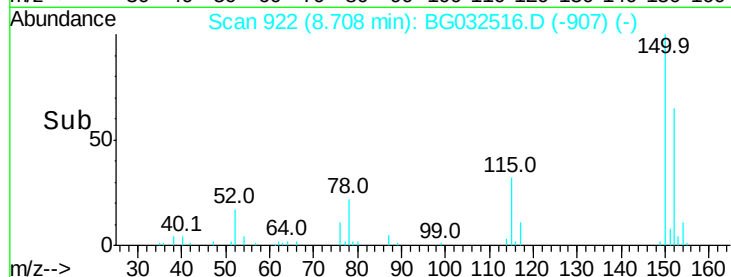
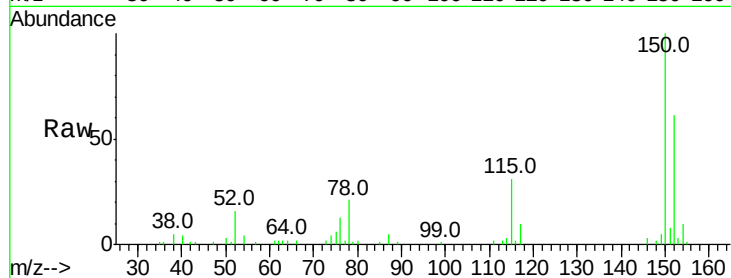
Tot Ion:152 Resp: 23571

Ion Ratio Lower Upper

152 100

150 162.9 126.6 189.8

115 50.0 53.0 79.4#



#2

1,4-Dioxane

Concen: 35.974 ng

RT: 3.81 min Scan# 89

Delta R.T. -0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

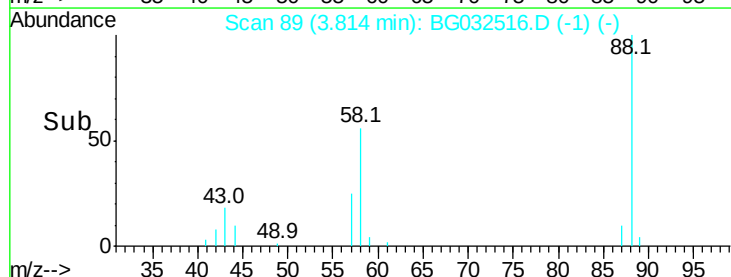
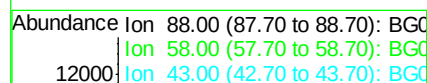
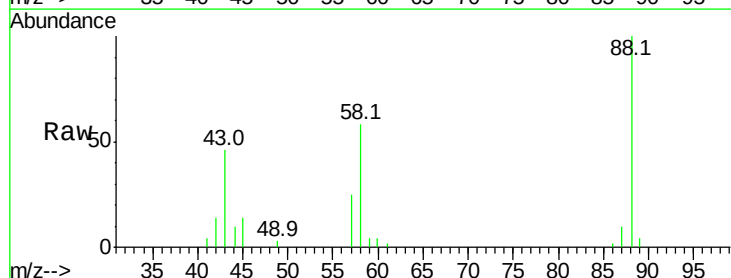
Tgt Ion: 88 Resp: 14204

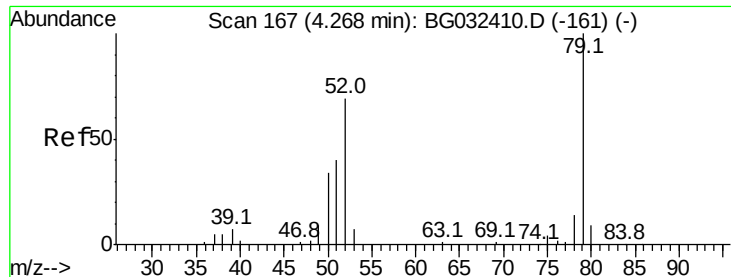
Ion Ratio Lower Upper

88 100

58 64.3 79.6 119.4#

43 36.1 27.4 41.0





#3

Pvridine

Concen: 33.121 ng

RT: 4.27 min Scan# 167

Delta R.T. 0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

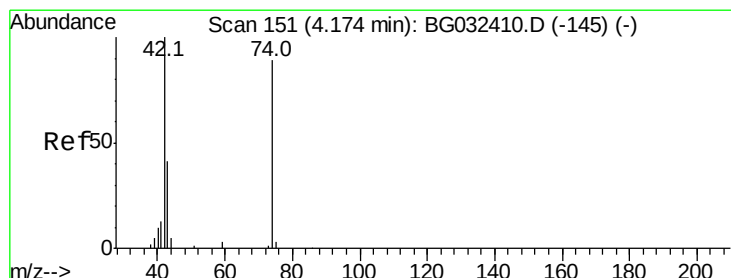
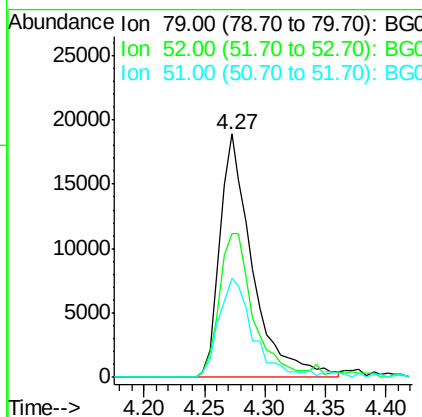
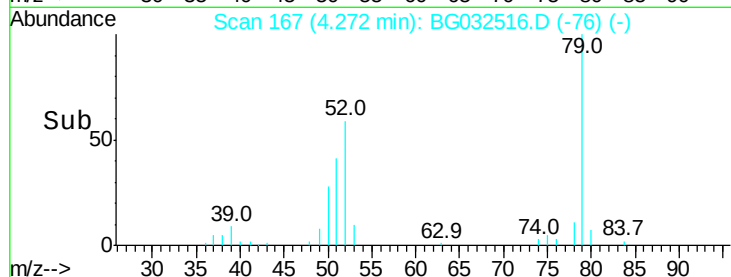
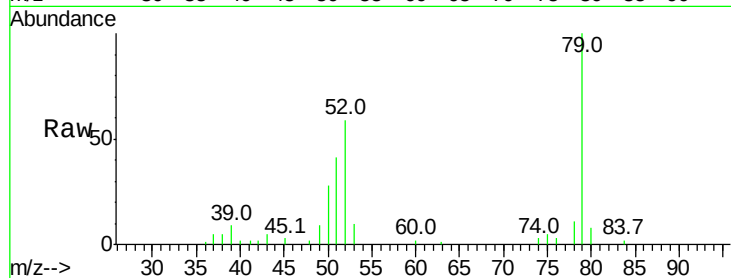
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 35311

Ion	Ratio	Lower	Upper
79	100		
52	58.9	69.9	104.9#
51	40.8	34.0	51.0



#4

n-Nitrosodimethylamine

Concen: 49.115 ng

RT: 4.17 min Scan# 150

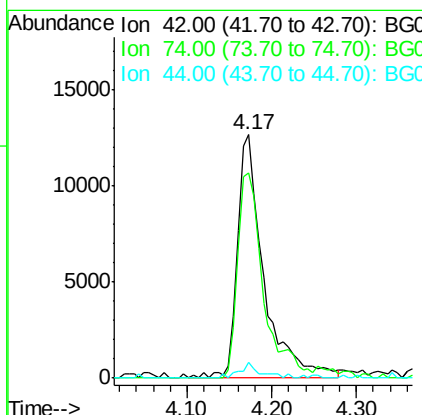
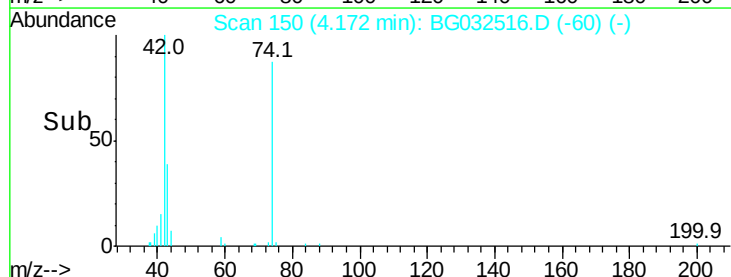
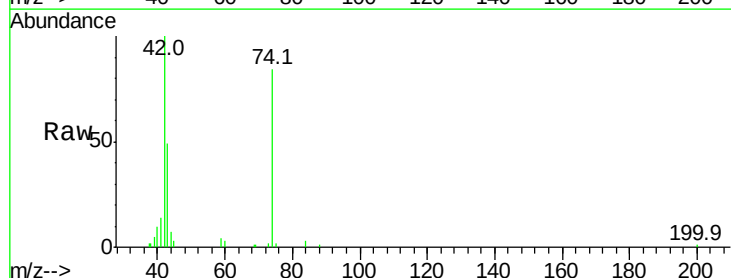
Delta R.T. -0.00 min

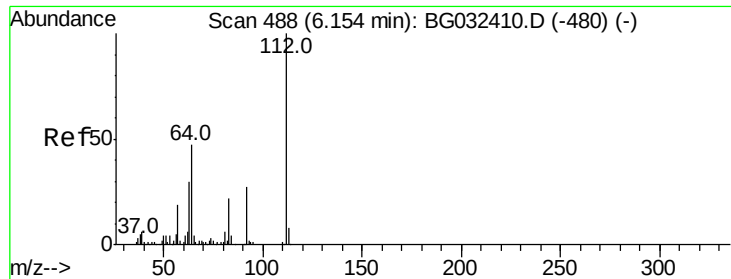
Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion: 42 Resp: 27258

Ion	Ratio	Lower	Upper
42	100		
74	84.1	102.5	153.7#
44	6.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 136.251 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

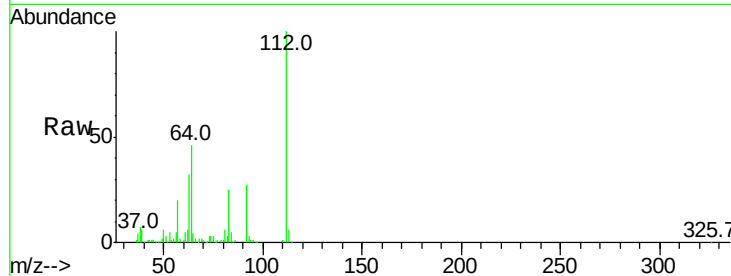
Tot Ion:112 Resp: 159895

Ion Ratio Lower Upper

112 100

64 46.1 56.3 84.5#

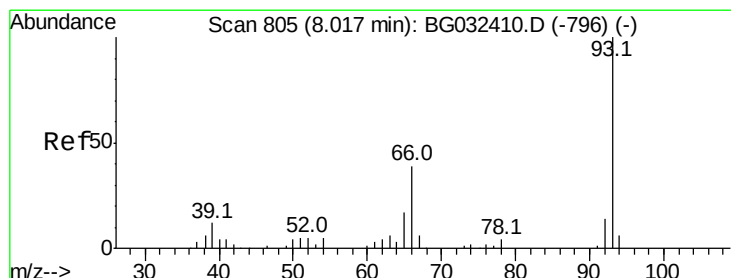
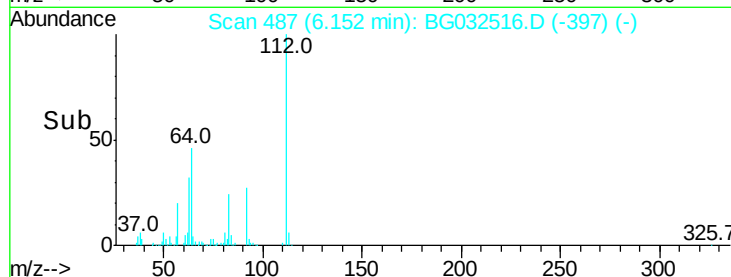
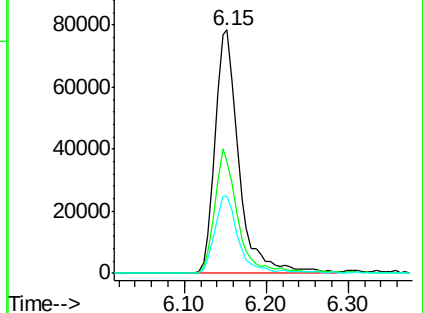
63 31.9 30.1 45.1



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: 9.624 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

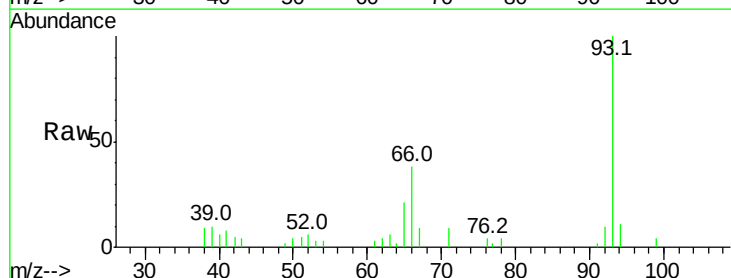
Tgt Ion: 93 Resp: 18790

Ion Ratio Lower Upper

93 100

66 38.4 33.7 50.5

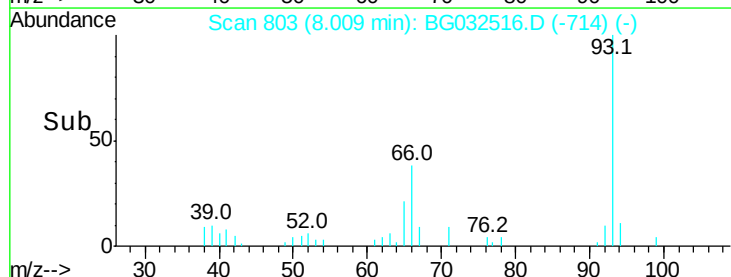
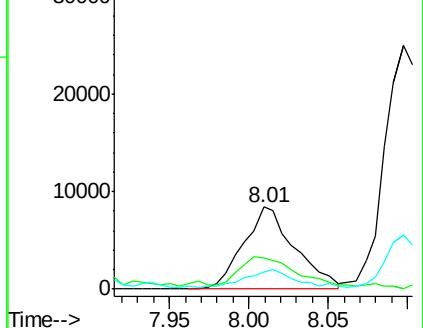
65 20.9 16.1 24.1

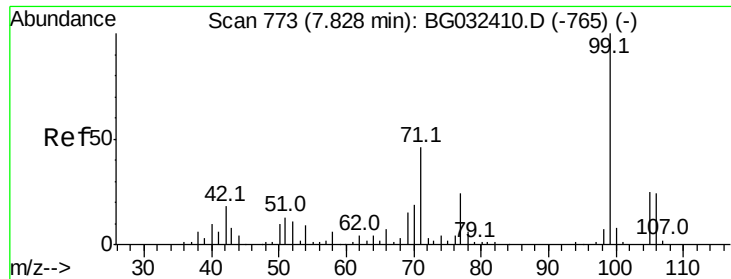


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.640 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampled :

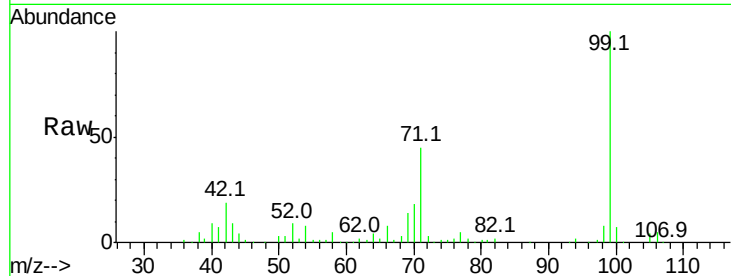
Tot Ion: 99 Resp: 190486

Ion Ratio Lower Upper

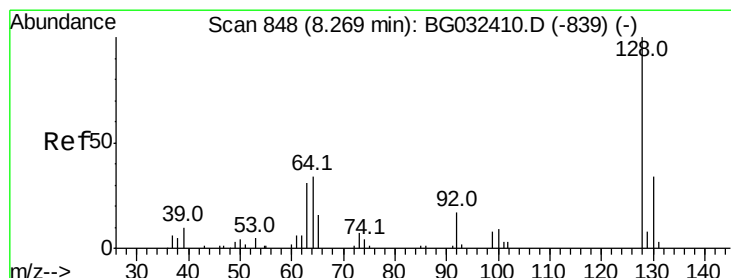
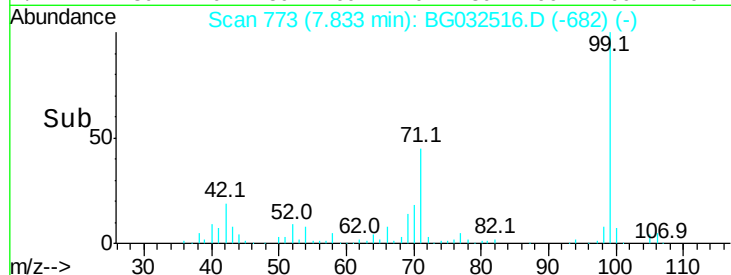
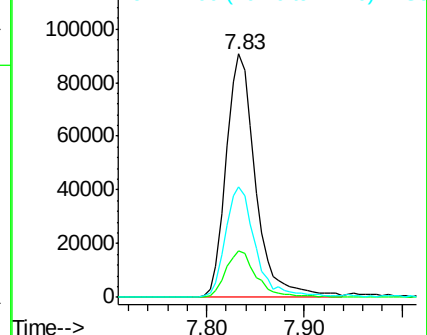
99 100

42 19.0 14.1 21.1

71 45.3 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 49.502 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

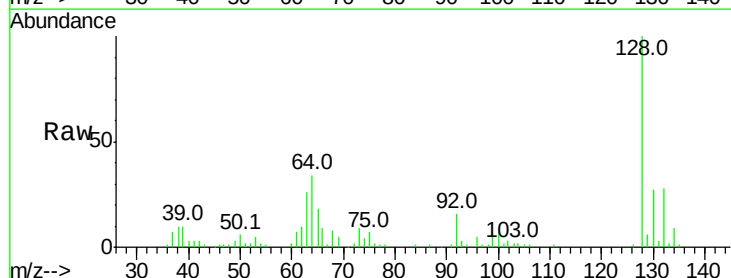
Tgt Ion:128 Resp: 68668

Ion Ratio Lower Upper

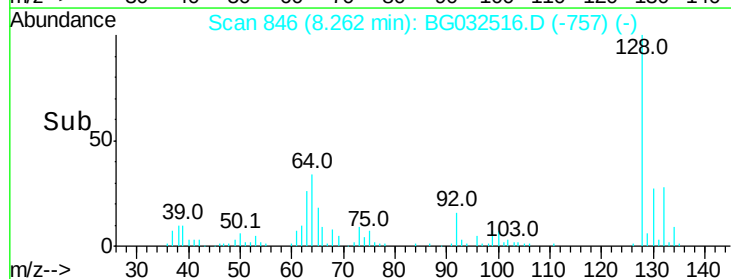
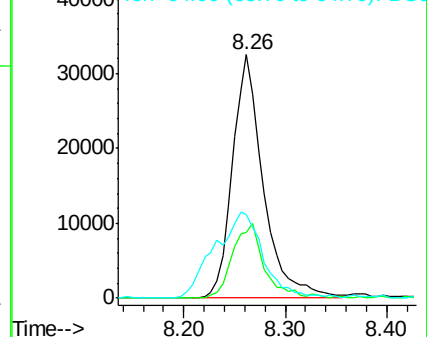
128 100

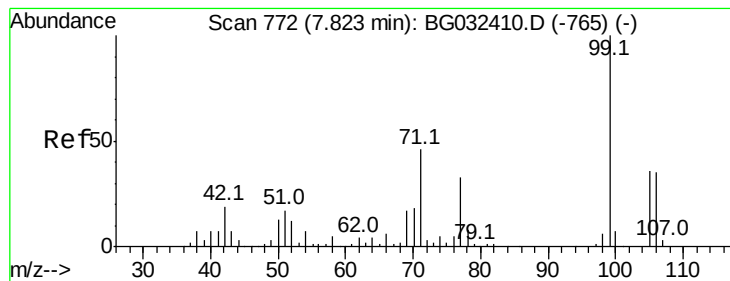
130 27.1 14.0 54.0

64 34.4 37.7 77.7#



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





#9

Benzaldehyde

Concen: 22.708 ng

RT: 7.82 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

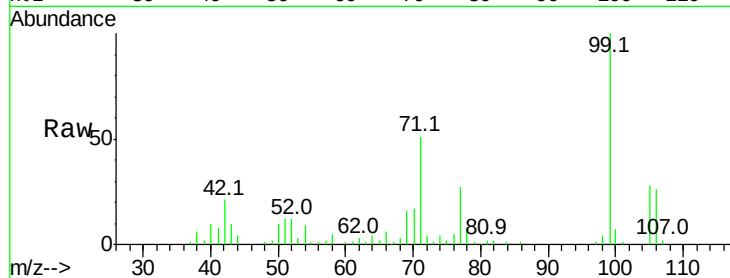
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 18367

Ion	Ratio	Lower	Upper
77	100		
105	106.1	71.3	111.3
106	98.4	64.2	104.2

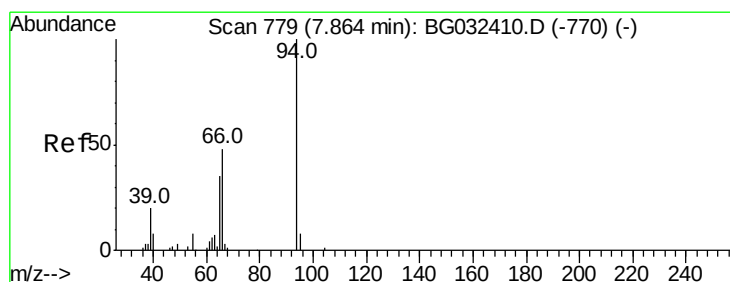
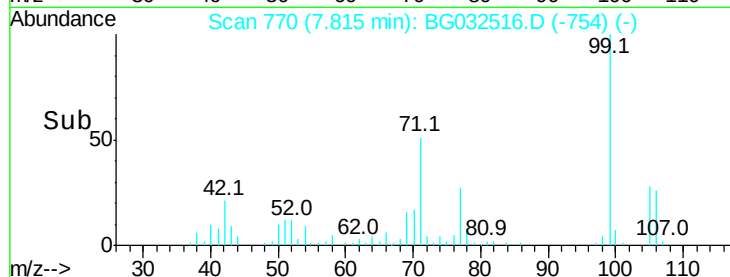
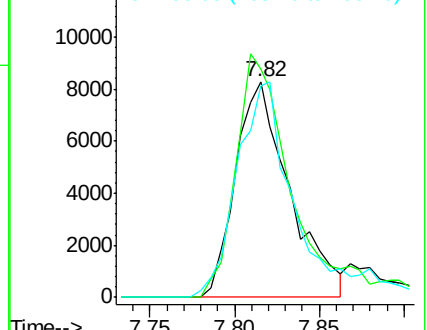


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.675 ng

RT: 7.86 min Scan# 778

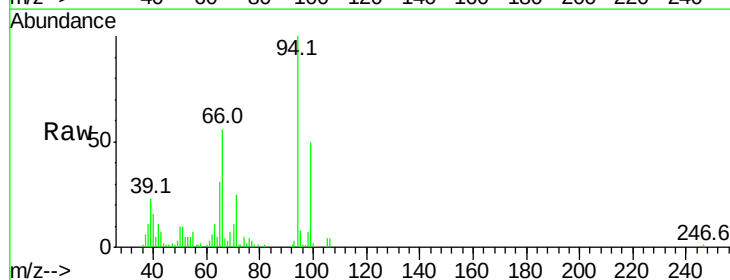
Delta R.T. -0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion: 94 Resp: 63463

Ion	Ratio	Lower	Upper
94	100		
65	30.6	11.9	51.9
66	56.0	22.2	62.2

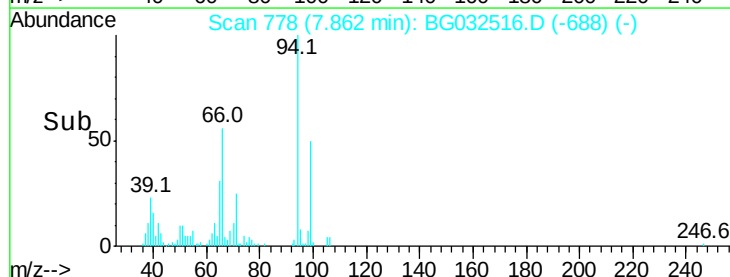
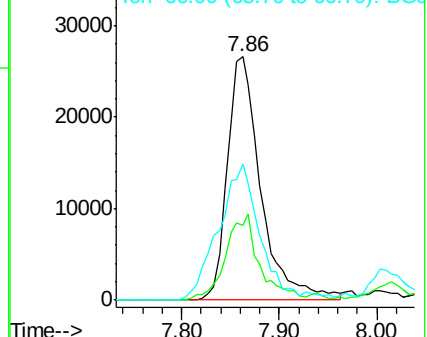


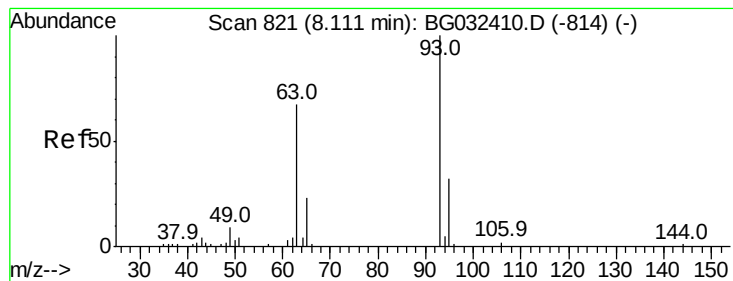
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

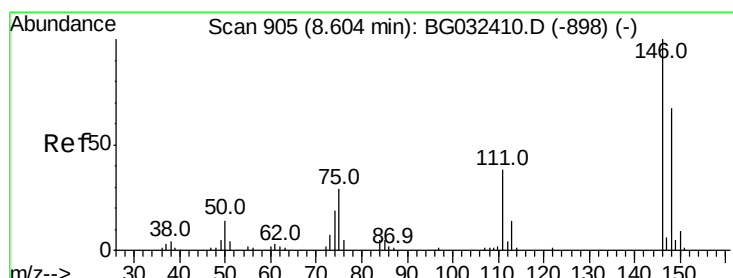
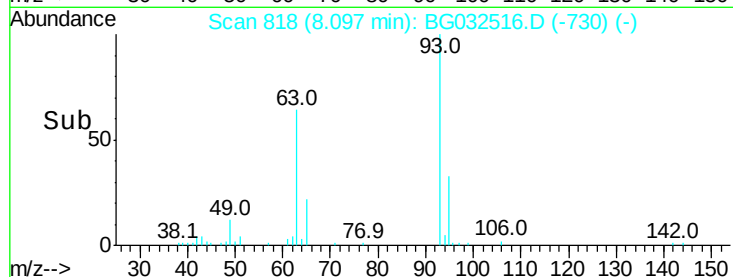
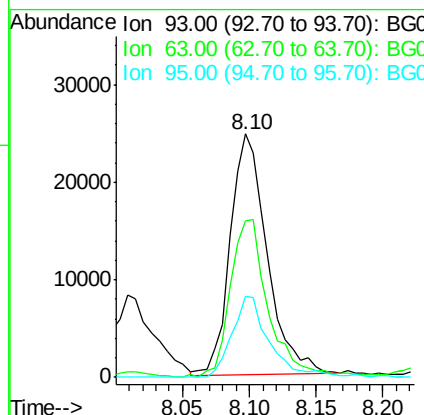
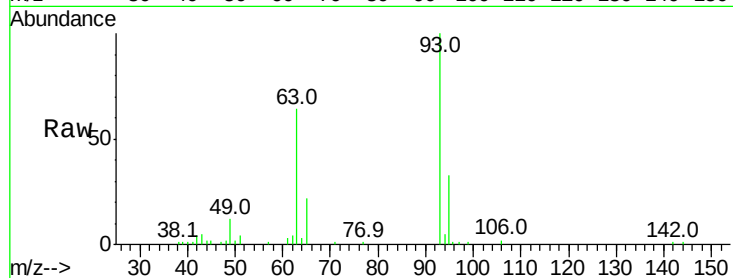




#11
 bis(2-Chloroethyl)ether
 Concen: 41.797 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

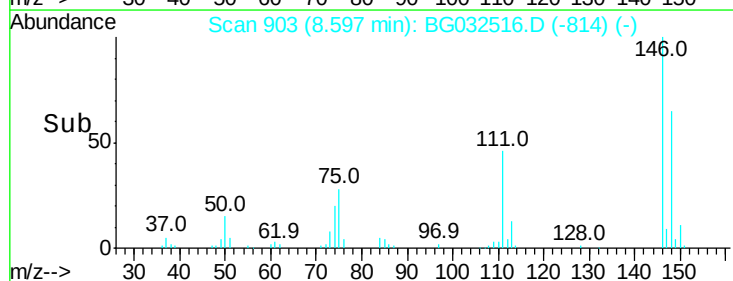
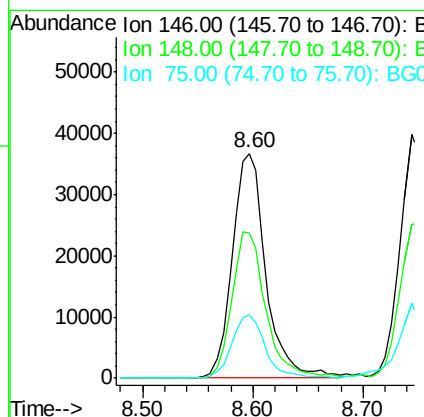
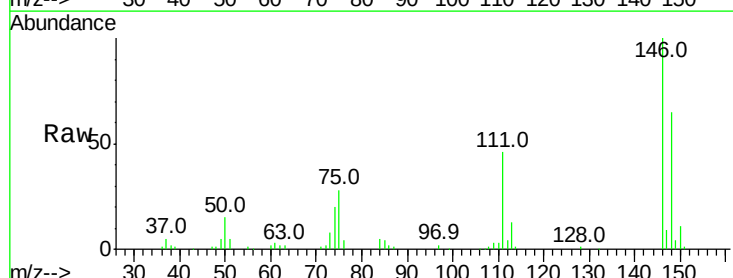
Instrument :
 BNA_G
 ClientSampleId :

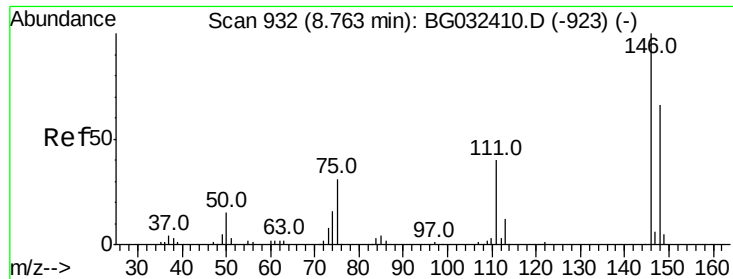
Tot Ion: 93 Resp: 47361
 Ion Ratio Lower Upper
 93 100
 63 64.4 67.1 107.1#
 95 33.5 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 41.611 ng
 RT: 8.60 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion: 146 Resp: 78061
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.2
 75 27.9 26.6 39.8

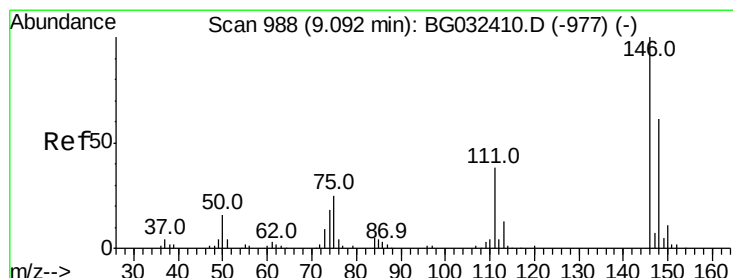
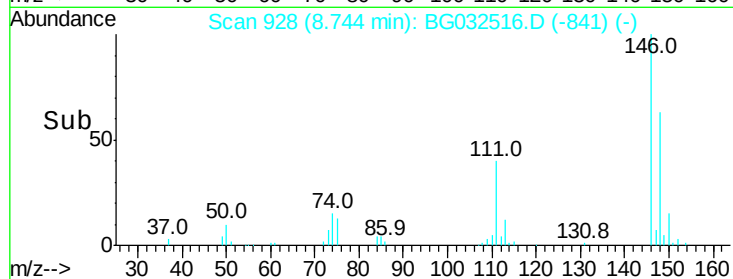
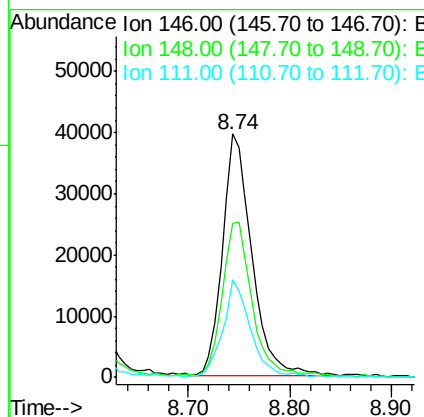
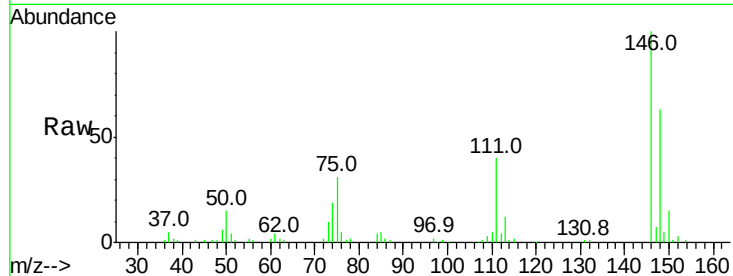




#13
 1,4-Dichlorobenzene
 Concen: 42.215 ng
 RT: 8.74 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

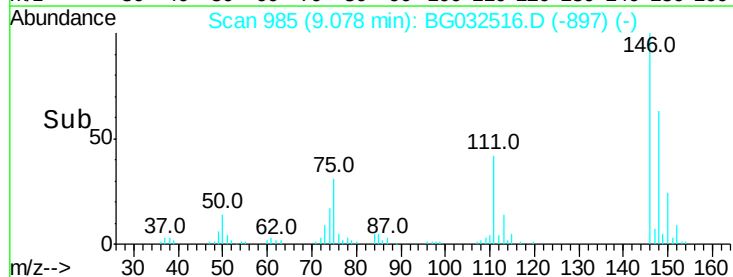
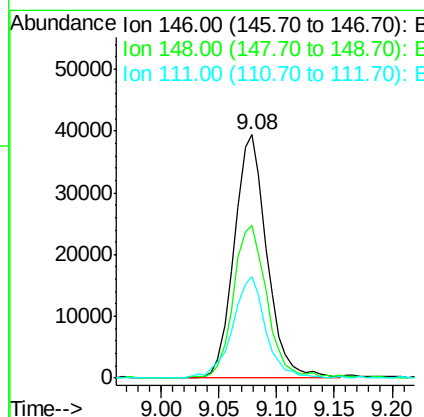
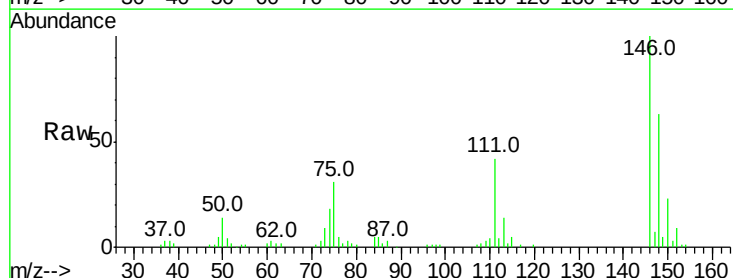
Instrument :
 BNA_G
 ClientSampled :

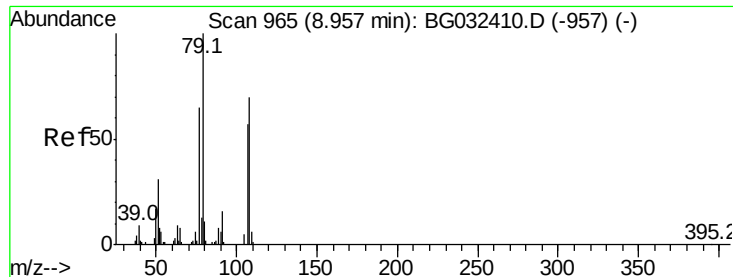
Tot Ion:146 Resp: 79376
 Ion Ratio Lower Upper
 146 100
 148 63.3 53.7 80.5
 111 40.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 41.919 ng
 RT: 9.08 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion:146 Resp: 77212
 Ion Ratio Lower Upper
 146 100
 148 62.7 49.3 73.9
 111 41.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 43.337 ng

RT: 8.95 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

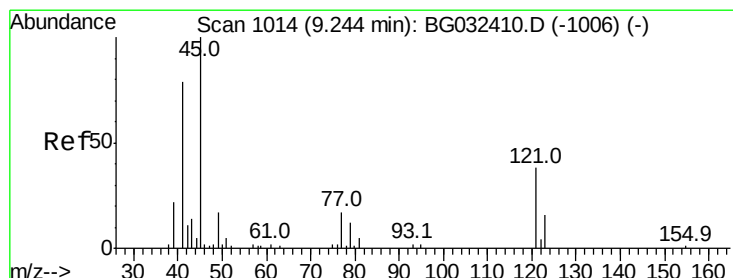
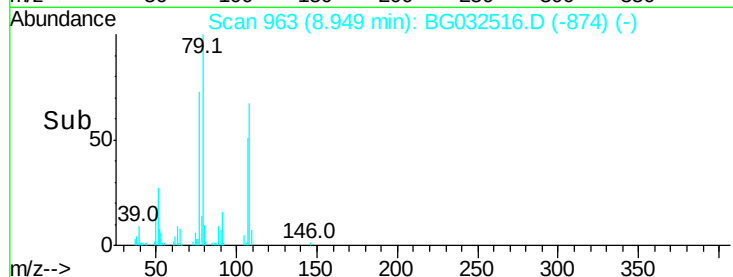
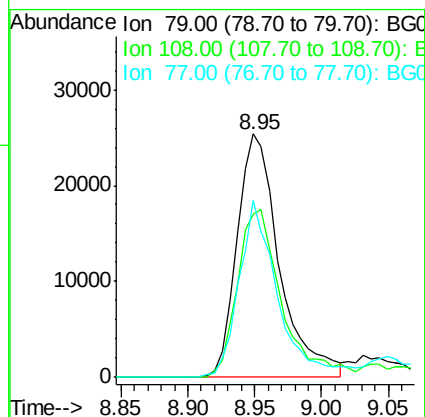
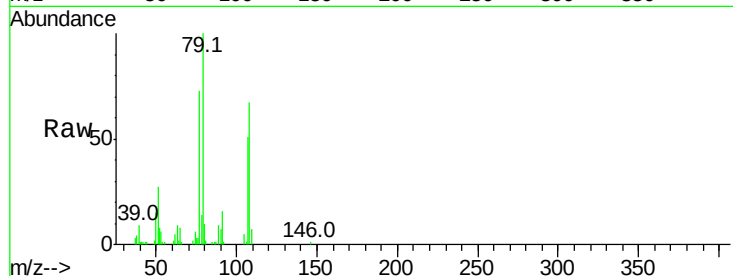
Tot Ion: 79 Resp: 55931

Ion Ratio Lower Upper

79 100

108 66.9 57.2 85.8

77 73.0 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.083 ng

RT: 9.24 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

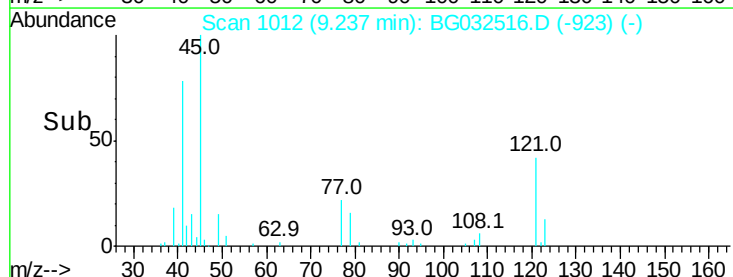
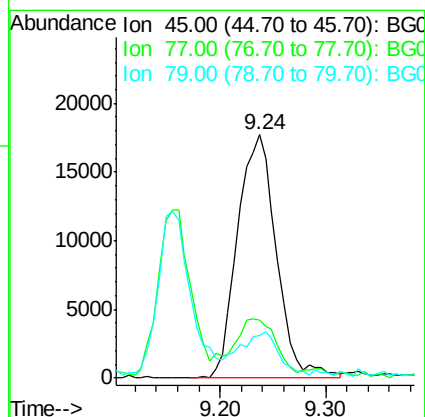
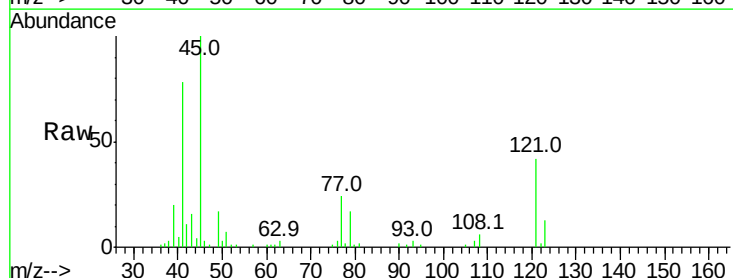
Tgt Ion: 45 Resp: 45185

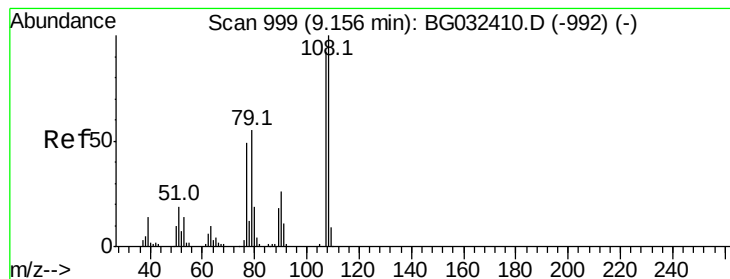
Ion Ratio Lower Upper

45 100

77 23.9 0.0 30.2

79 17.3 0.0 27.9





#17

2-Methylphenol

Concen: 43.752 ng

RT: 9.15 min Scan# 998

Delta R.T. -0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 52844

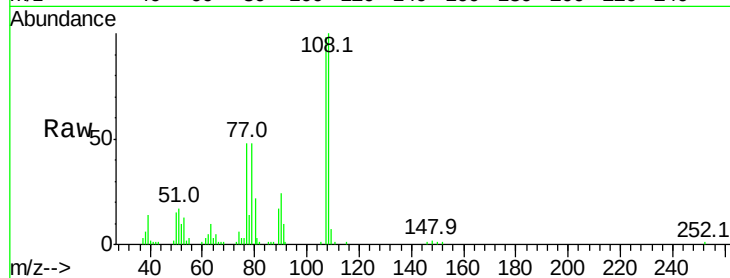
Ion Ratio Lower Upper

107 100

108 102.5 83.9 125.9

77 49.4 37.2 55.8

79 49.1 36.2 54.2

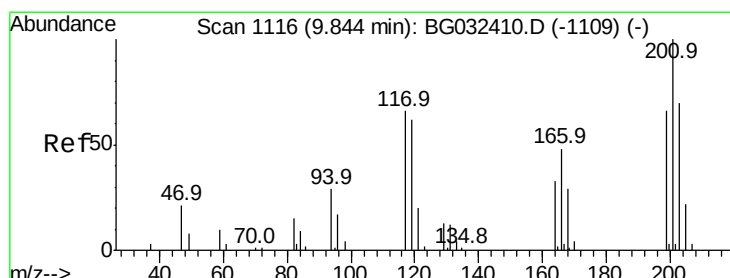
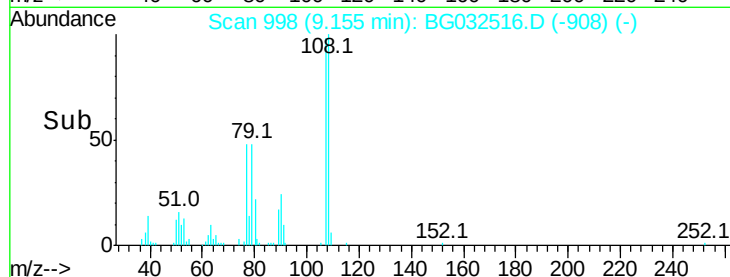
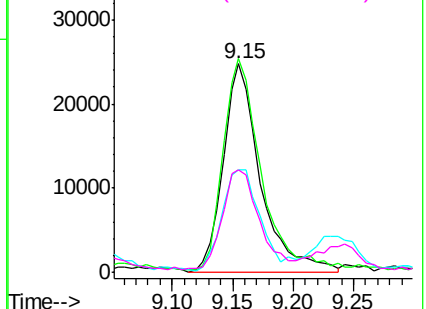


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 44.068 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

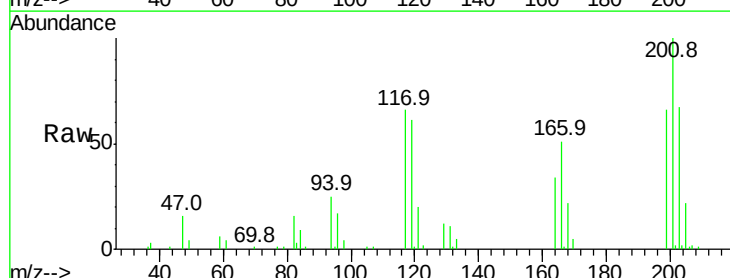
Tgt Ion:117 Resp: 27820

Ion Ratio Lower Upper

117 100

119 94.3 76.7 115.1

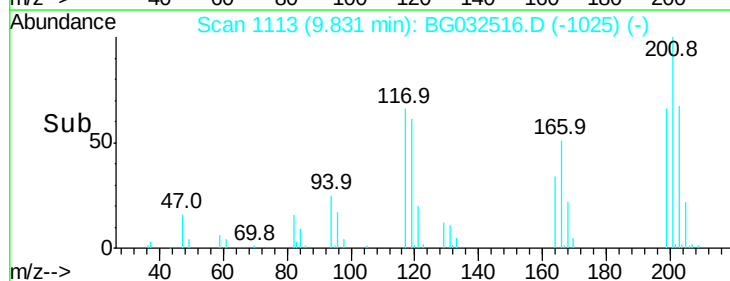
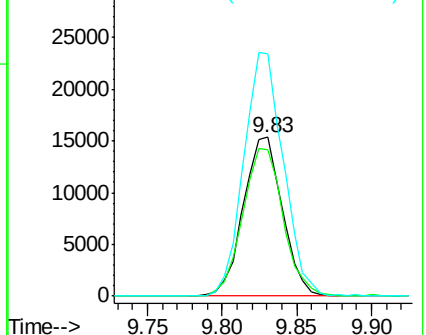
201 152.6 95.7 143.5#

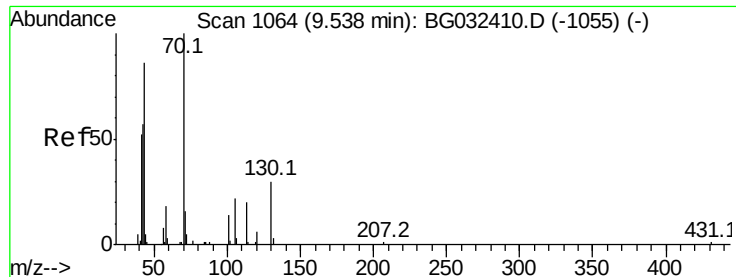


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

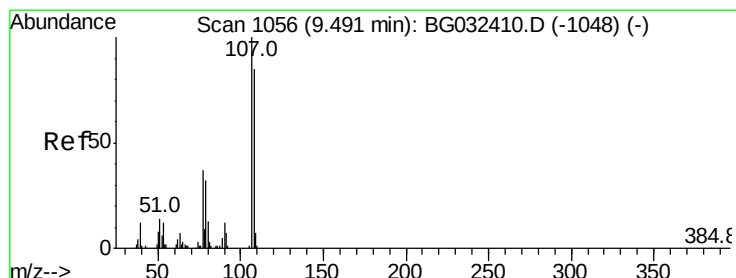
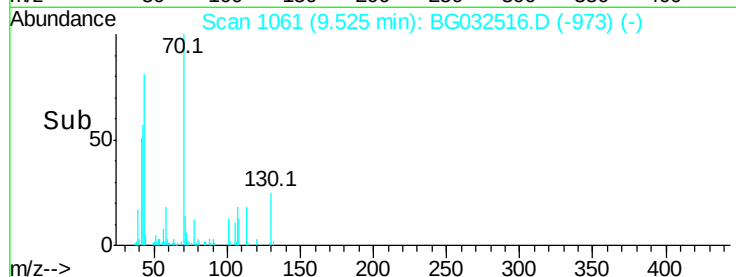
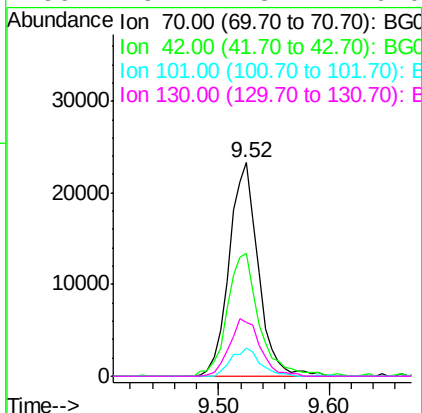
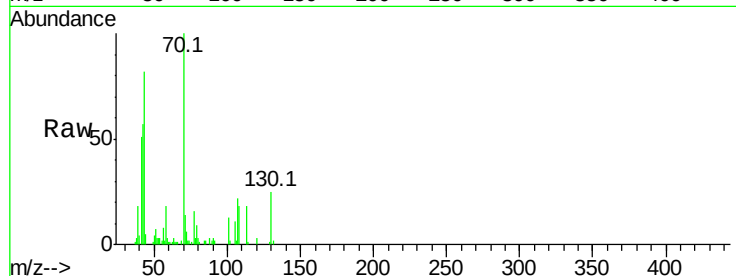




#19
n-Nitroso-di-n-propylamine
Concen: 41.528 ng
RT: 9.52 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

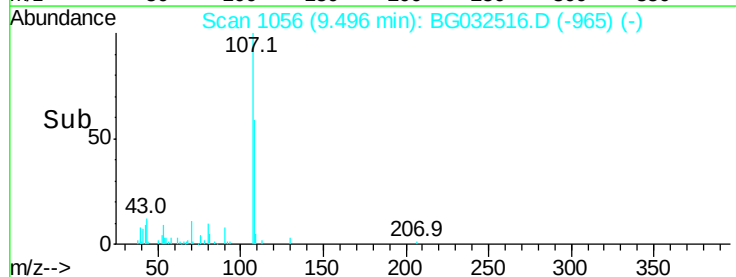
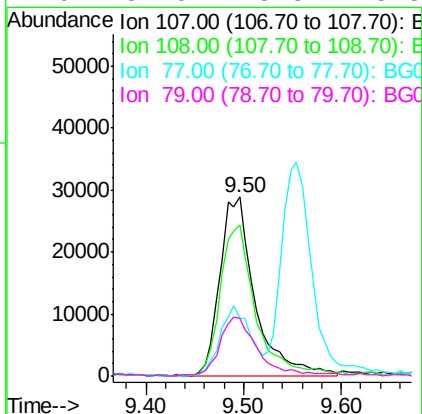
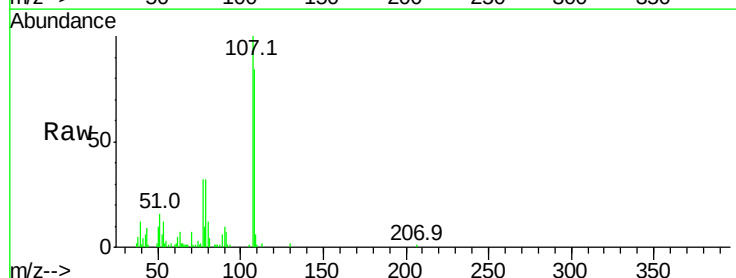
Instrument :
BNA_G
ClientSampleId :

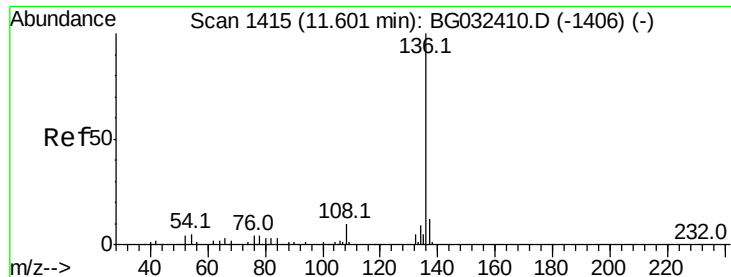
Tot Ion: 70 Resp: 43119
Ion Ratio Lower Upper
70 100
42 57.4 49.1 73.7
101 13.3 8.5 12.7#
130 25.2 13.4 20.0#



#20
3+4-Methylphenols
Concen: 42.670 ng
RT: 9.50 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion: 107 Resp: 72292
Ion Ratio Lower Upper
107 100
108 84.1 61.6 101.6
77 32.2 13.9 53.9
79 32.0 8.8 48.8

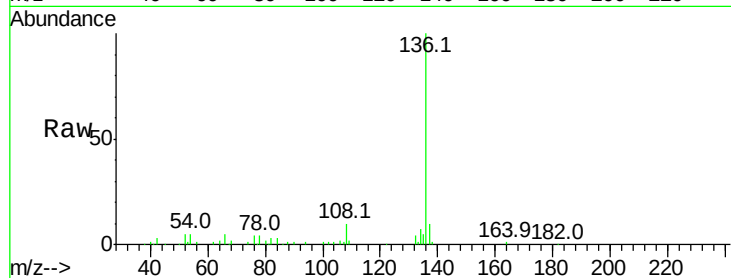




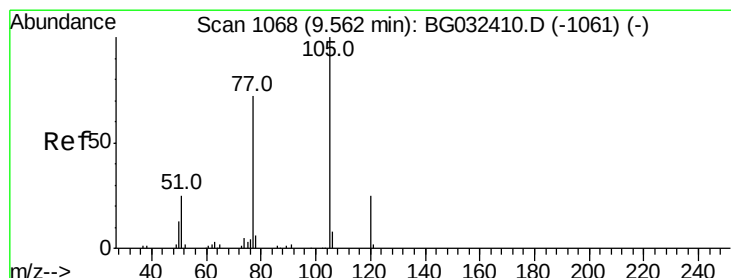
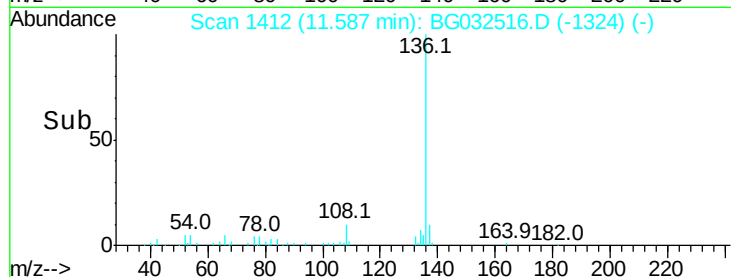
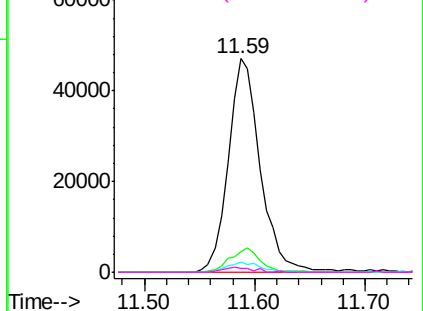
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	95228	
Ion Ratio	Lower	Upper	
136 100			
137 9.7	9.2	13.8	
54 4.9	10.3	15.5#	
68 1.7	4.5	6.7#	

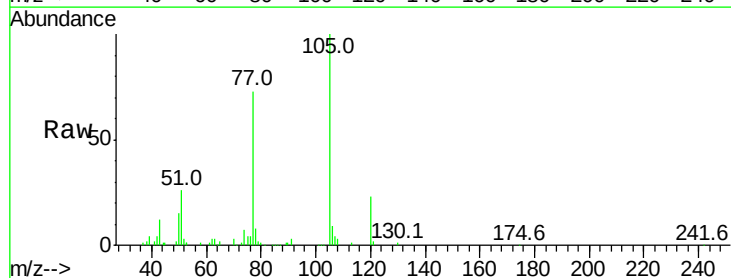


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

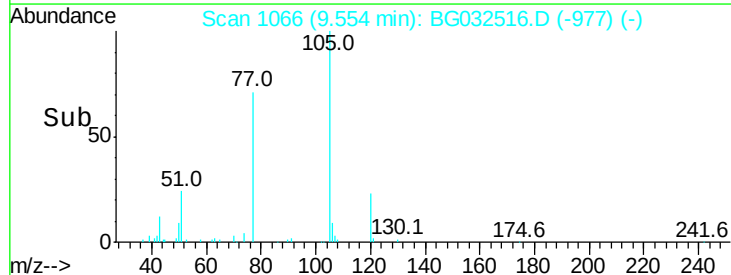
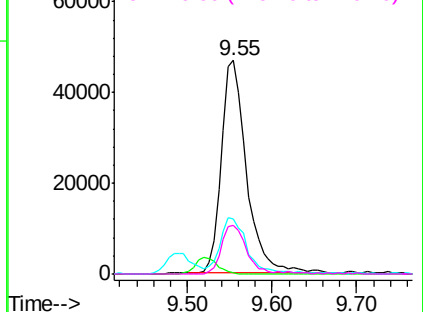


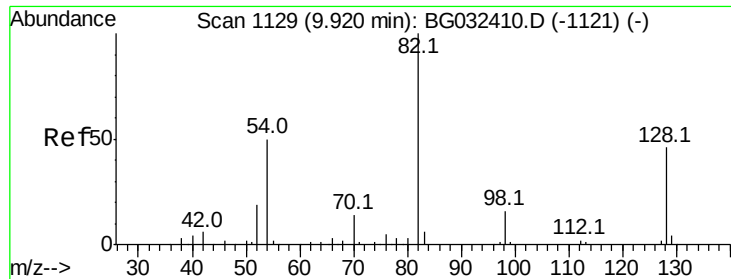
#22
Acetophenone
Concen: 43.483 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt	Ion:105	Resp:	97066
Ion	Ratio	Lower	Upper
105	100		
71	0.5	3.0	4.4#
51	26.1	26.1	39.1#
120	22.7	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

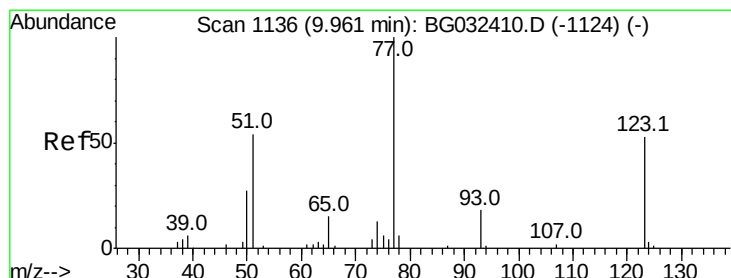
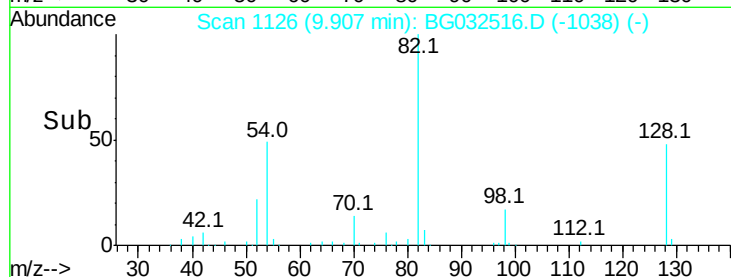
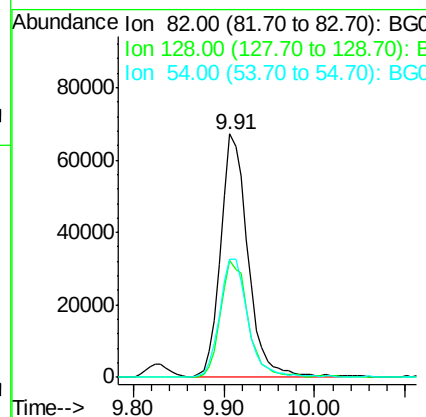
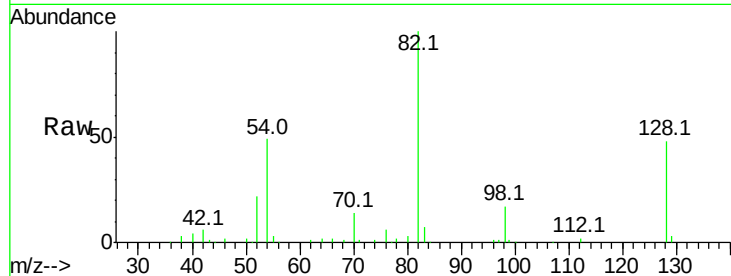




#23
 Nitrobenzene-d5
 Concen: 92.255 ng
 RT: 9.91 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

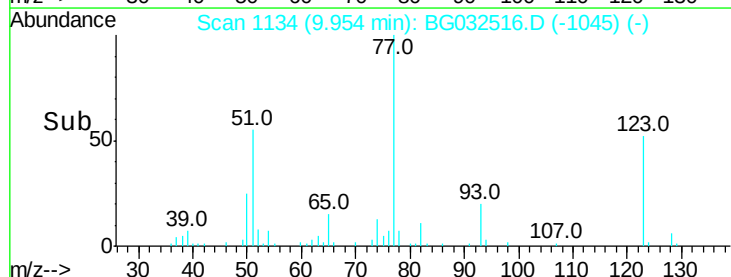
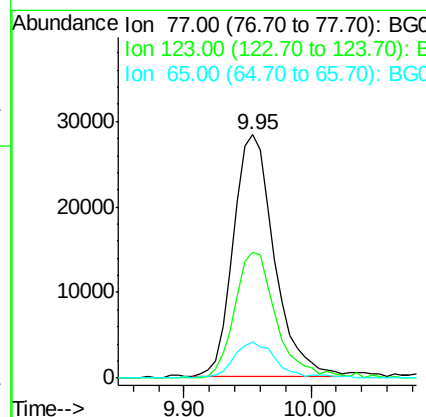
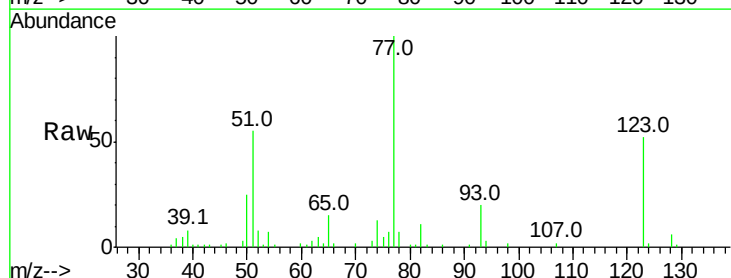
Instrument :
 BNA_G
 ClientSampleId :

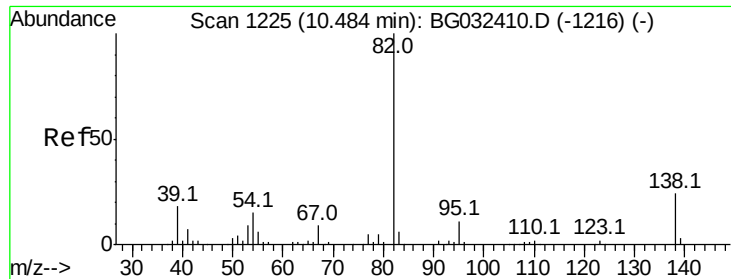
Tot Ion: 82 Resp: 140653
 Ion Ratio Lower Upper
 82 100
 128 48.0 29.7 44.5#
 54 48.6 43.1 64.7



#24
 Nitrobenzene
 Concen: 42.632 ng
 RT: 9.95 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion: 77 Resp: 62851
 Ion Ratio Lower Upper
 77 100
 123 51.7 33.0 49.6#
 65 14.7 13.0 19.6





#25

Isophorone

Concen: 49.767 ng

RT: 10.47 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

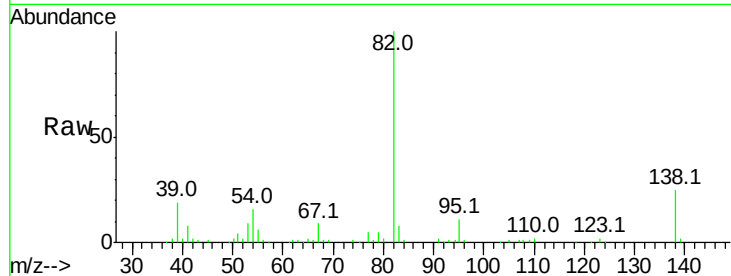
Tot Ion: 82 Resp: 129196

Ion Ratio Lower Upper

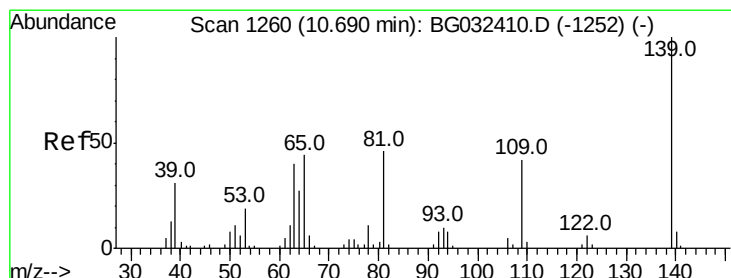
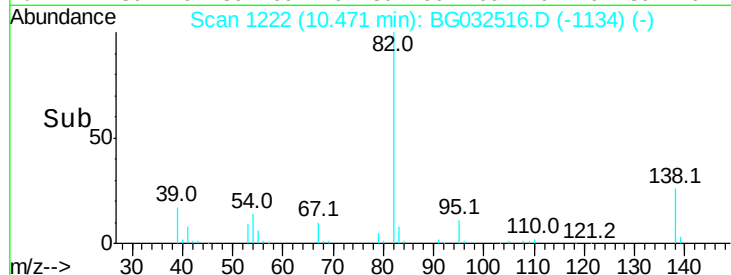
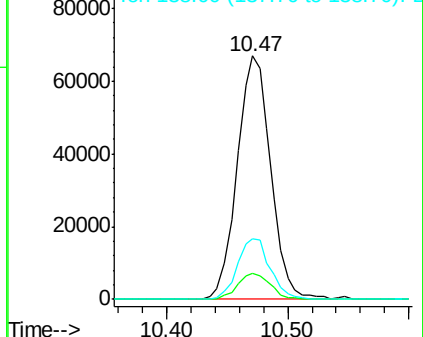
82 100

95 10.9 6.2 9.2#

138 24.7 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: 44.159 ng

RT: 10.68 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

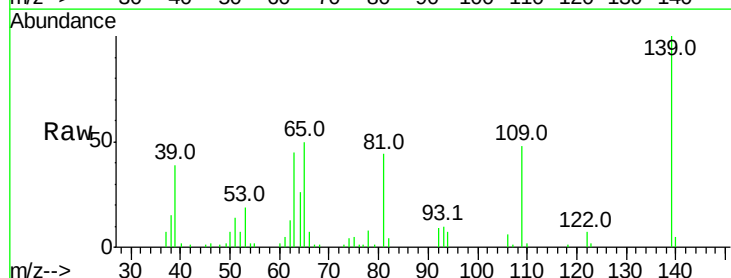
Tgt Ion: 139 Resp: 39354

Ion Ratio Lower Upper

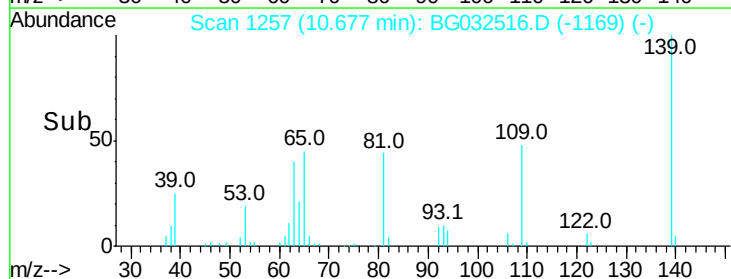
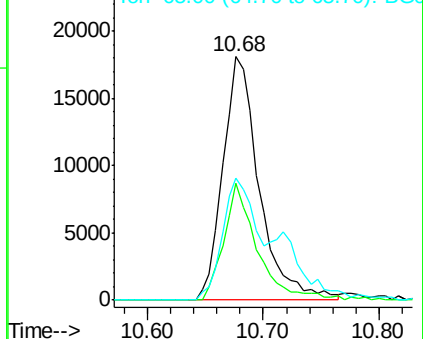
139 100

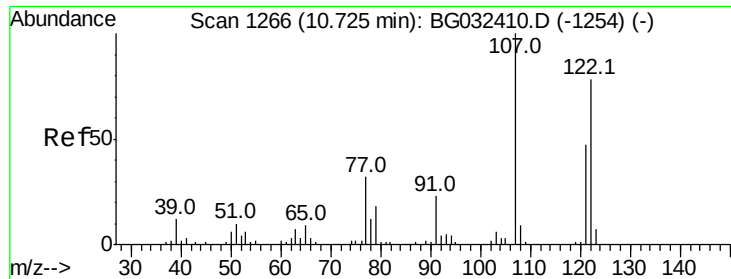
109 47.8 24.2 36.2#

65 50.1 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

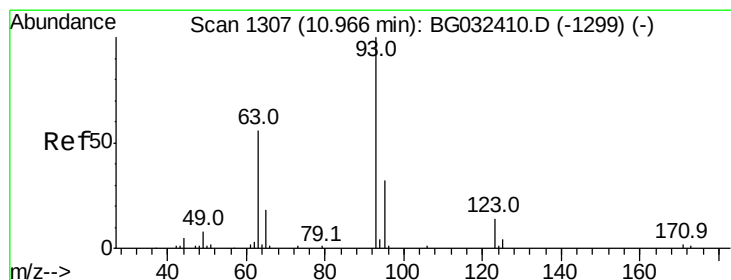
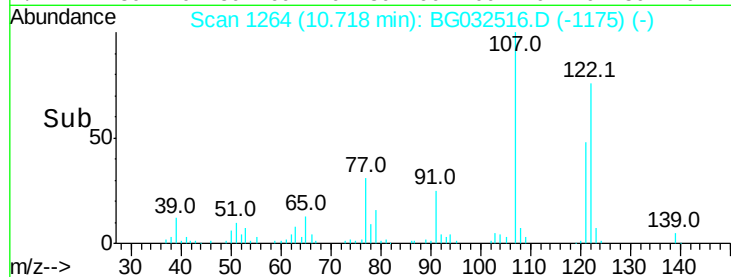
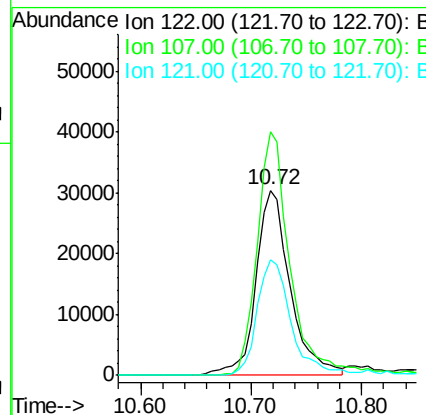
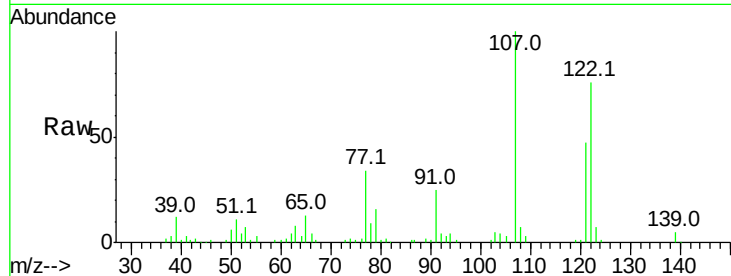




#27
 2,4-Dimethylphenol
 Concen: 51.687 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

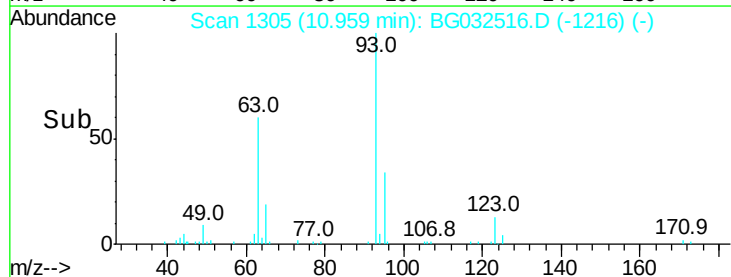
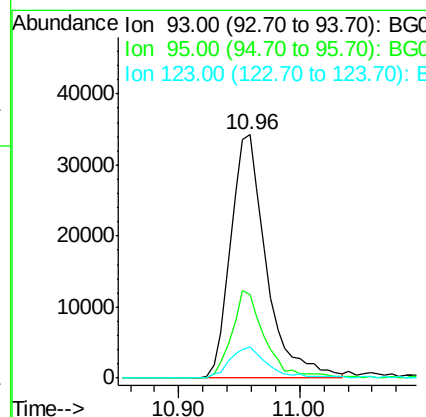
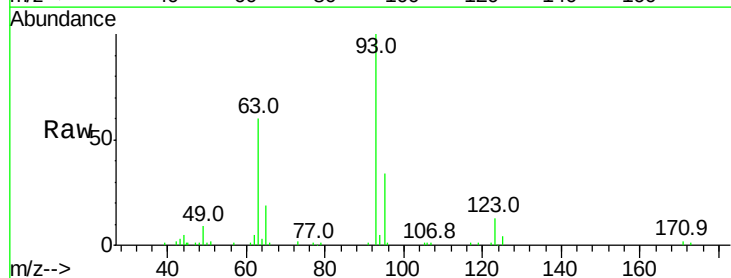
Instrument :
 BNA_G
 ClientSampleId :

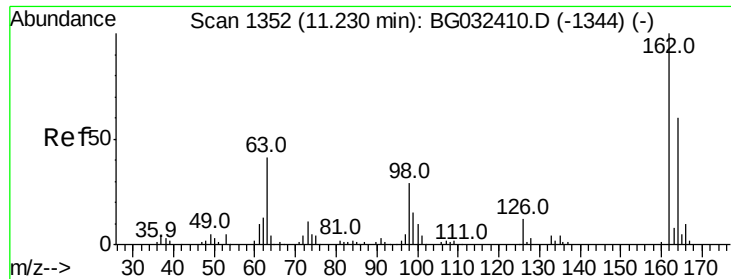
Tot Ion:122 Resp: 66115
 Ion Ratio Lower Upper
 122 100
 107 131.6 100.2 150.2
 121 62.3 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.375 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion: 93 Resp: 70288
 Ion Ratio Lower Upper
 93 100
 95 34.2 24.3 36.5
 123 13.5 8.4 12.6#

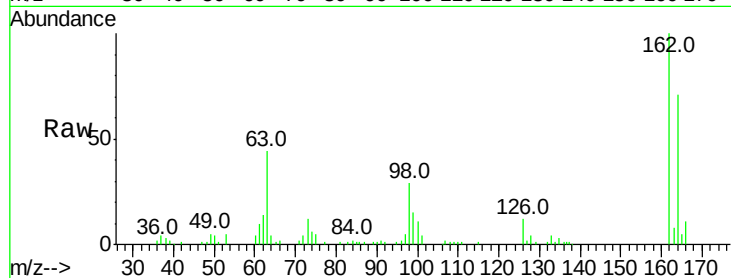




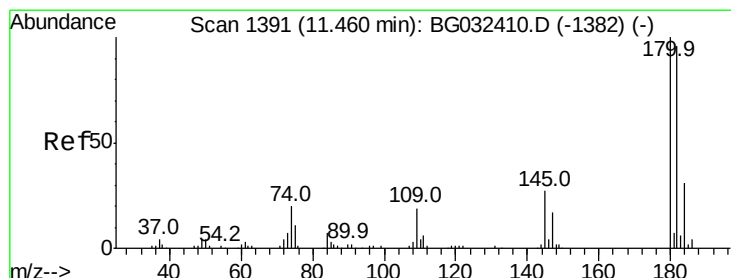
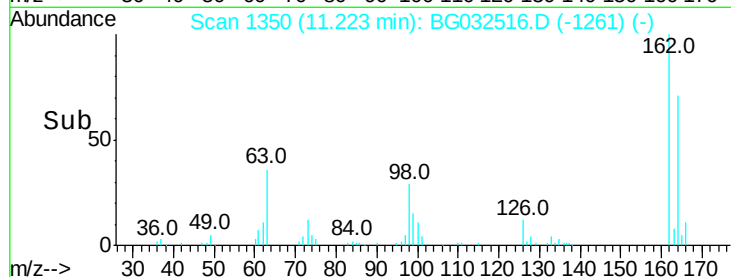
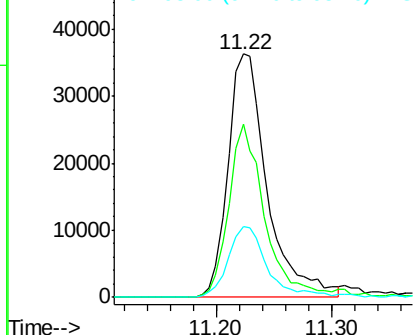
#29
 2,4-Dichlorophenol
 Concen: 50.391 ng
 RT: 11.22 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	71.1	48.0	88.0
98	29.0	21.1	61.1

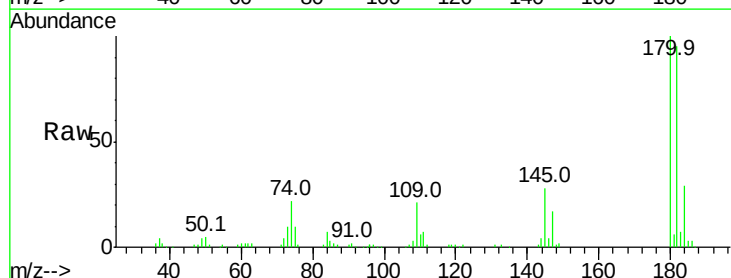


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

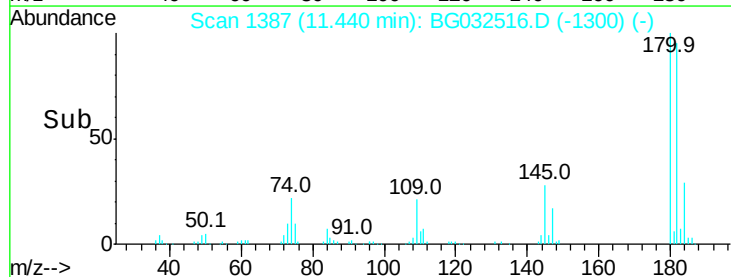
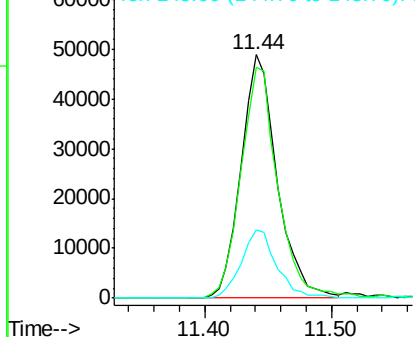


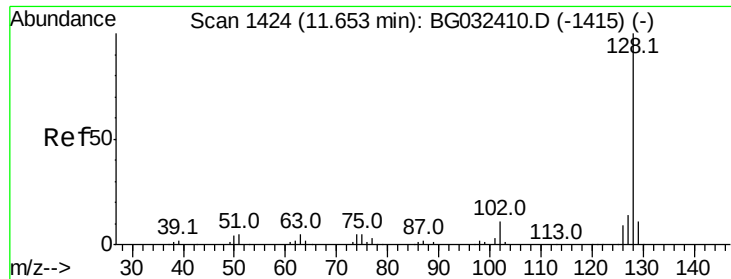
#30
 1,2,4-Trichlorobenzene
 Concen: 42.716 ng
 RT: 11.44 min Scan# 1387
 Delta R.T. -0.02 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.5	116.3
145	28.3	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

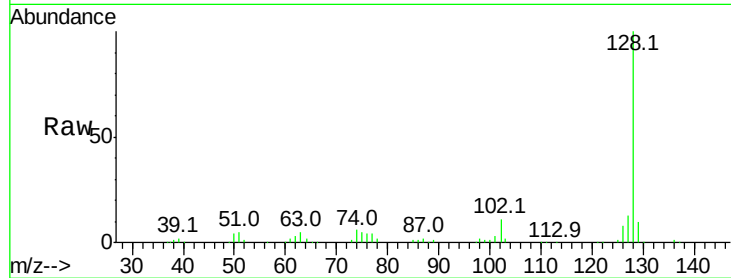




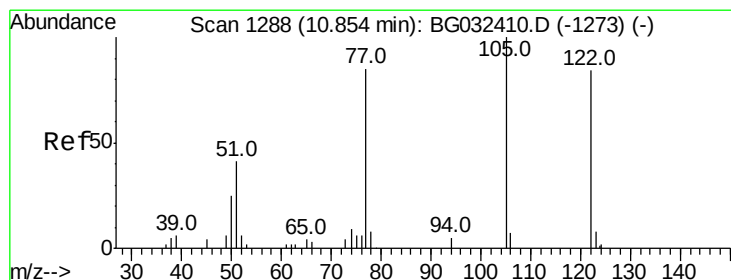
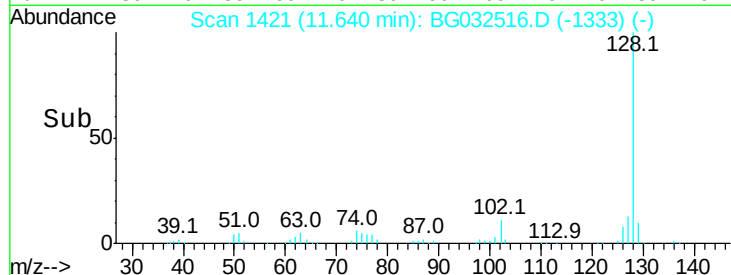
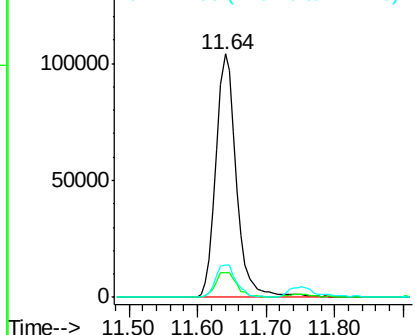
#31
Naphthalene
Concen: 46.333 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 215496
Ion Ratio Lower Upper
128 100
129 10.2 8.6 12.8
127 13.4 11.6 17.4

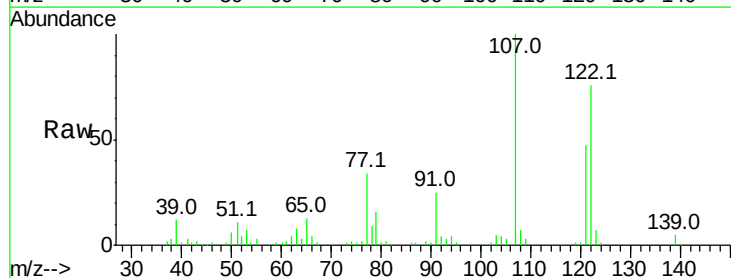


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

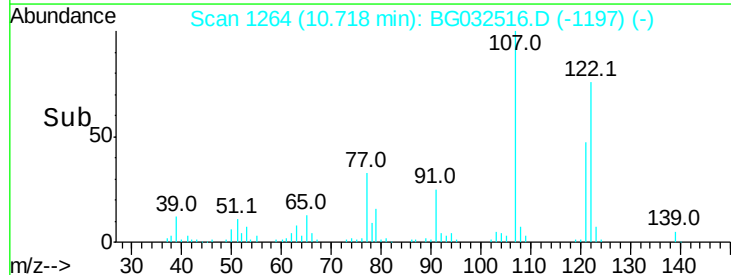
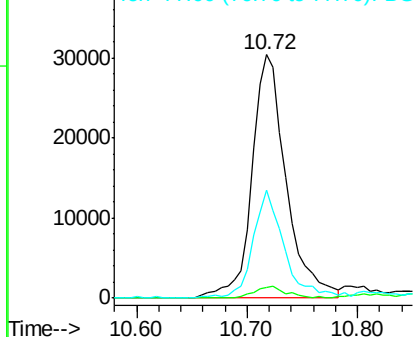


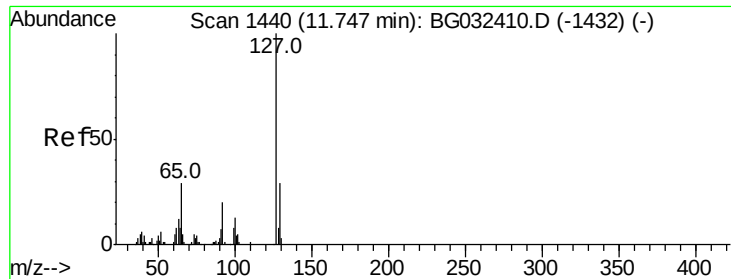
#32
Benzoic acid
Concen: 66.057 ng
RT: 10.72 min Scan# 1264
Delta R.T. -0.14 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion:122 Resp: 66115
Ion Ratio Lower Upper
122 100
105 4.2 123.5 163.5#
77 44.2 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

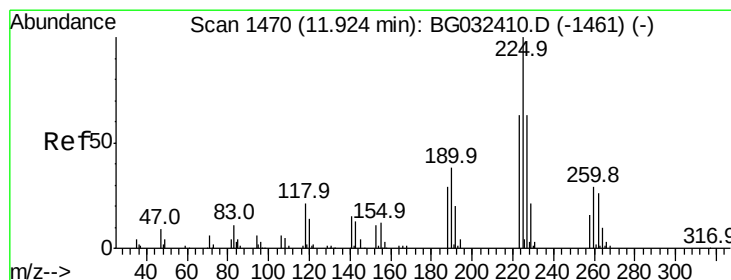
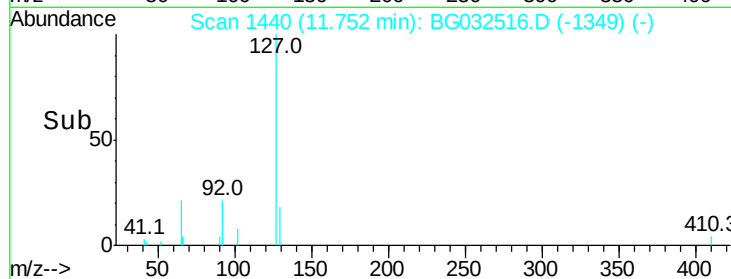
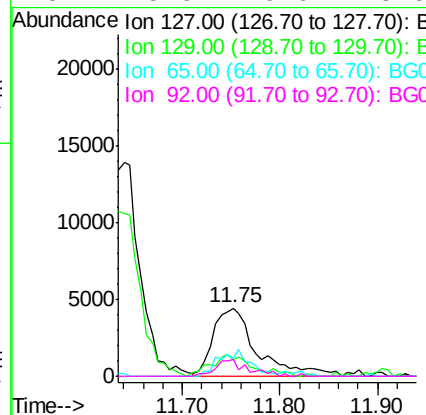
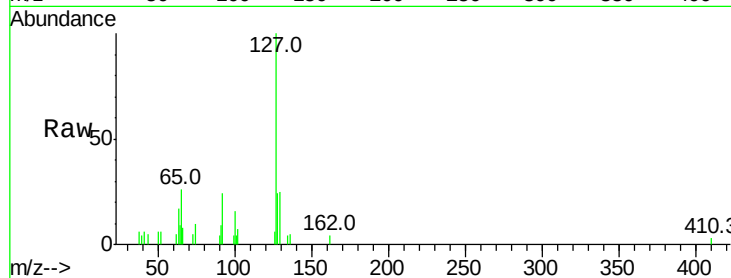




#33
4-Chloroaniline
Concen: 6.581 ng
RT: 11.75 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

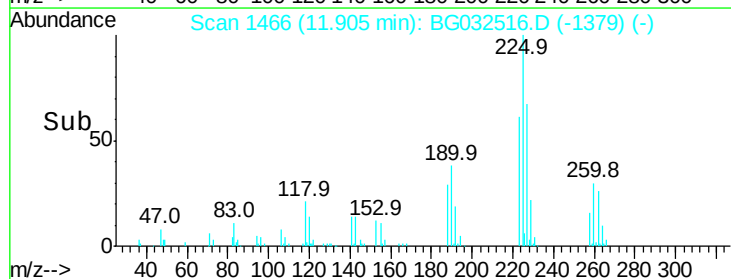
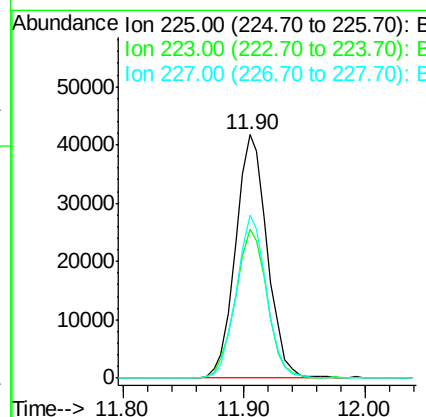
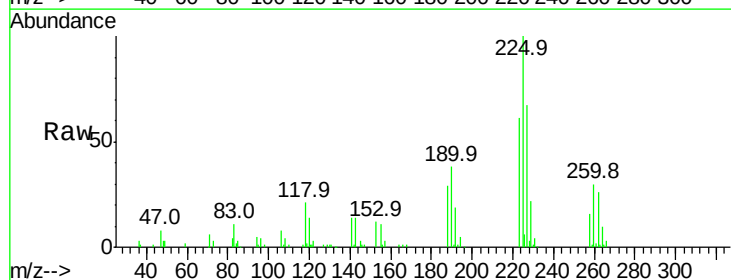
Instrument :
BNA_G
ClientSampleId :

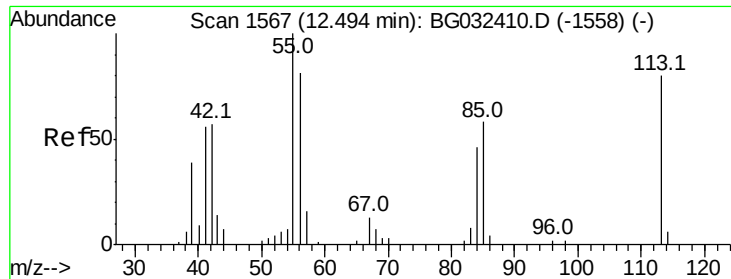
Tot Ion:	127	Resp:	13651
Ion	Ratio	Lower	Upper
127	100		
129	24.6	24.0	36.0
65	25.6	27.0	40.4#
92	23.6	16.6	25.0



#34
Hexachlorobutadiene
Concen: 43.306 ng
RT: 11.90 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion:	225	Resp:	76096
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.7	74.5
227	66.9	48.1	72.1





#35

Caprolactam

Concen: 37.297 ng

RT: 12.49 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

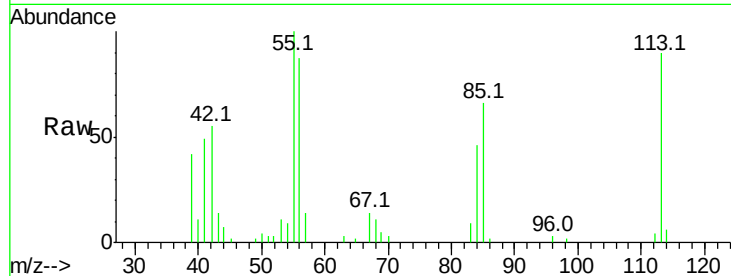
Tot Ion:113 Resp: 18143

Ion Ratio Lower Upper

113 100

55 111.0 186.9 226.9#

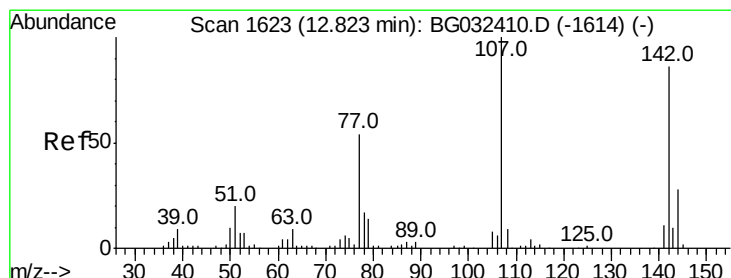
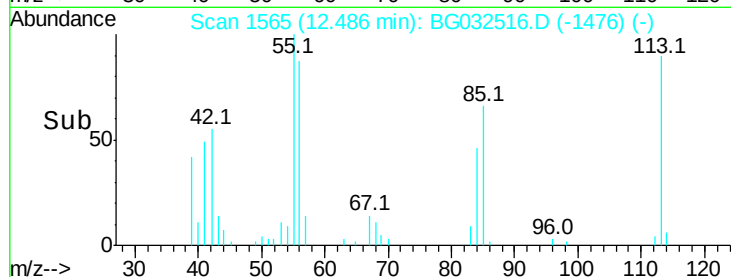
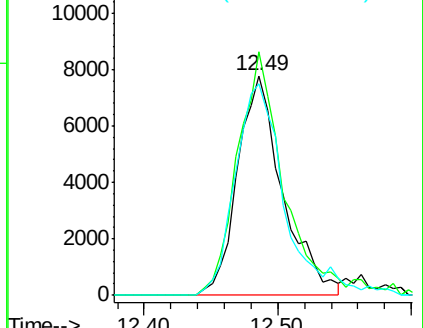
56 96.7 130.9 170.9#



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: 51.738 ng

RT: 12.83 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

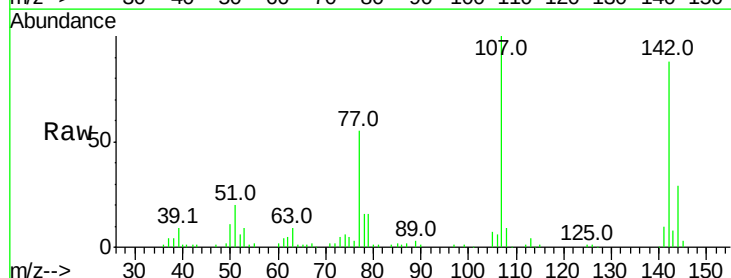
Tgt Ion:107 Resp: 83159

Ion Ratio Lower Upper

107 100

144 28.9 18.2 27.4#

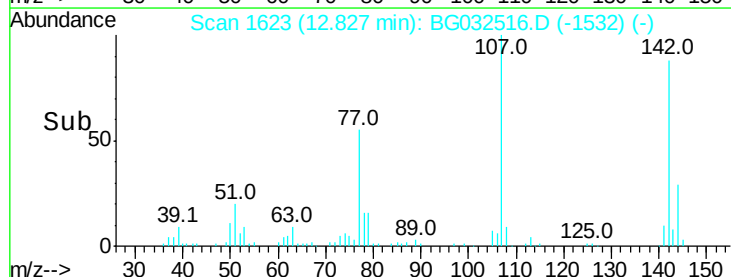
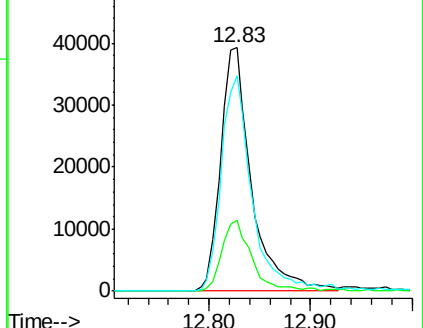
142 88.4 59.0 88.4

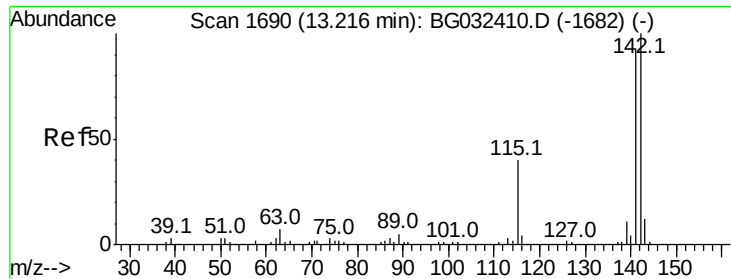


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

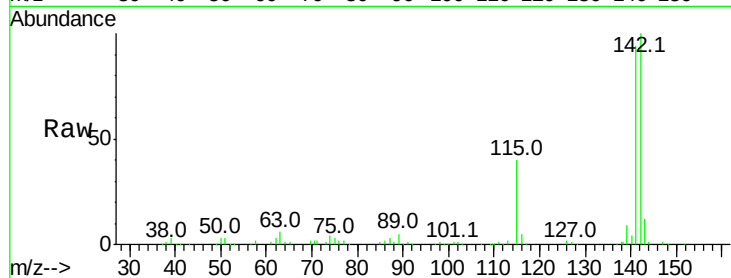




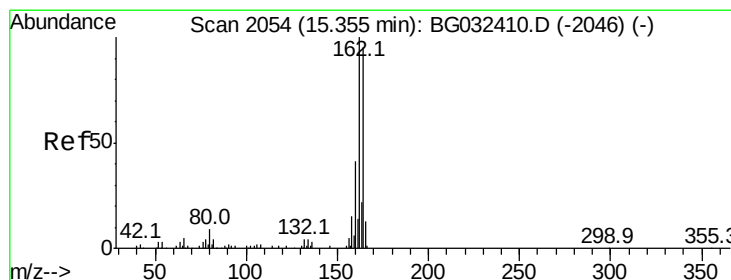
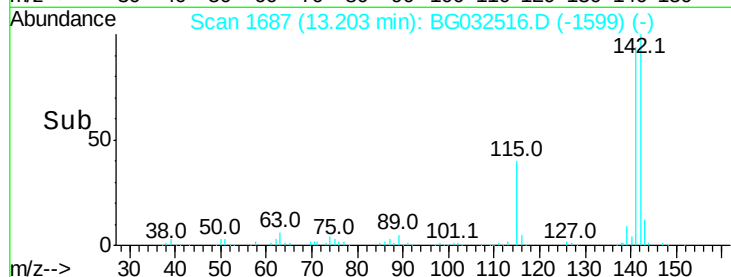
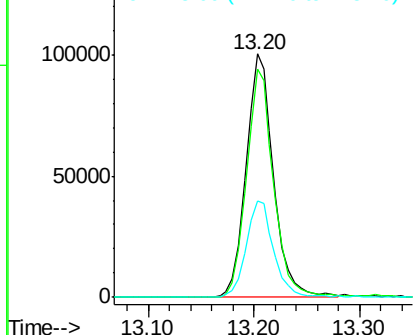
#37
2-Methylnaphthalene
Concen: 46.211 ng
RT: 13.20 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.5	67.1	100.7
115	39.7	30.7	46.1

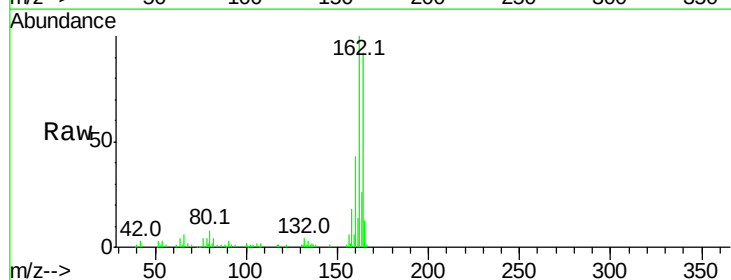


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

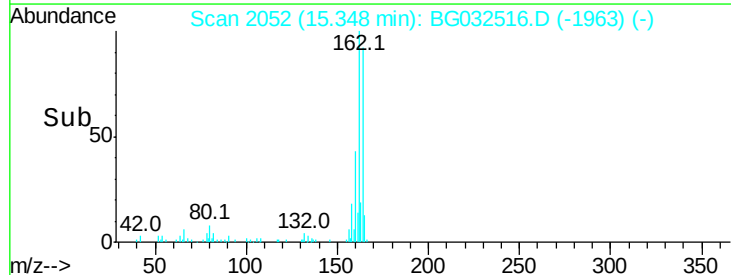
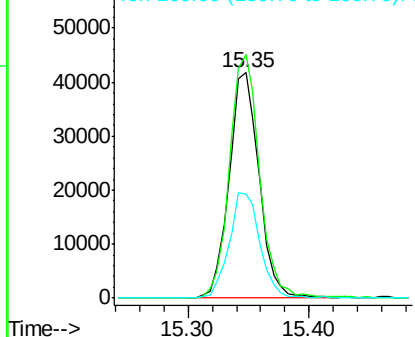


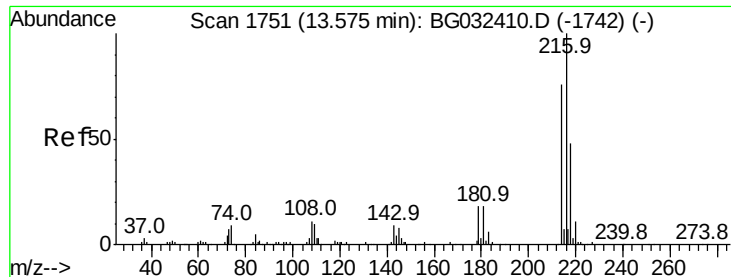
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	78.8	118.2
160	46.4	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: 42.437 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 142845

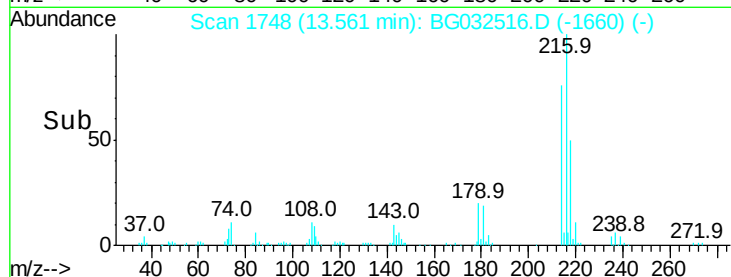
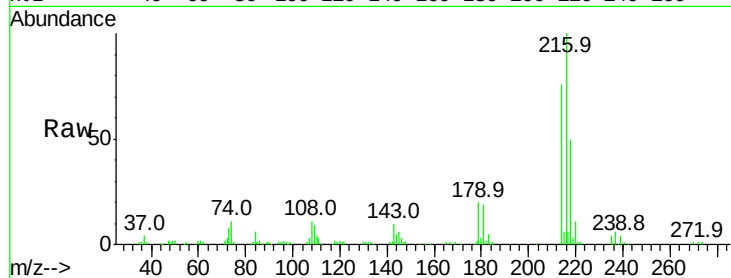
Ion Ratio Lower Upper

216 100

214 78.0 63.0 94.4

179 19.0 17.0 25.6

108 12.7 12.8 19.2#

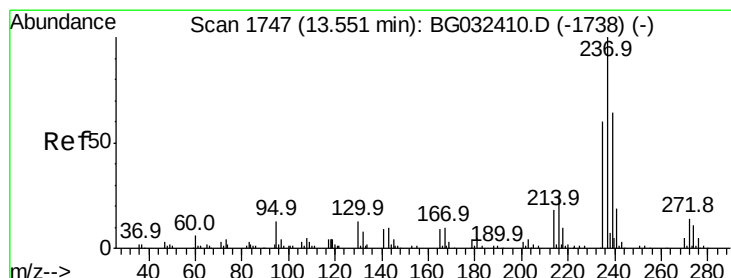
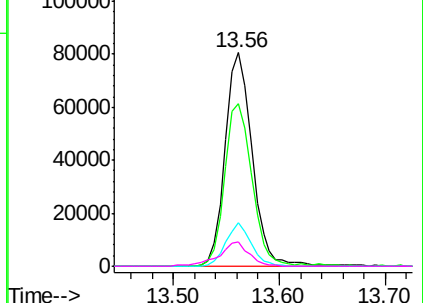


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.951 ng

RT: 13.53 min Scan# 1743

Delta R.T. -0.02 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

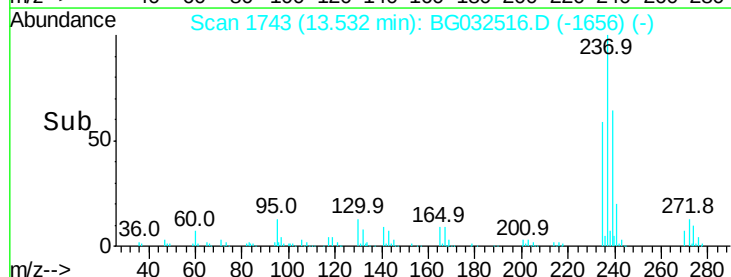
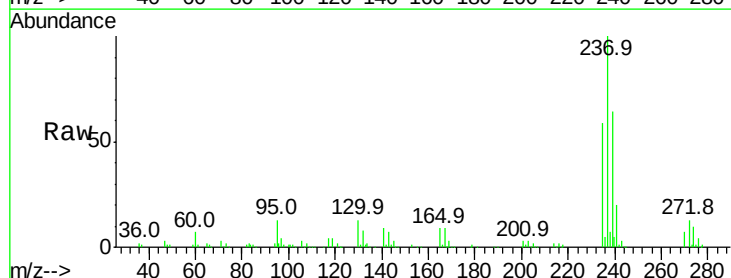
Tgt Ion:237 Resp: 172353

Ion Ratio Lower Upper

237 100

235 59.3 50.4 90.4

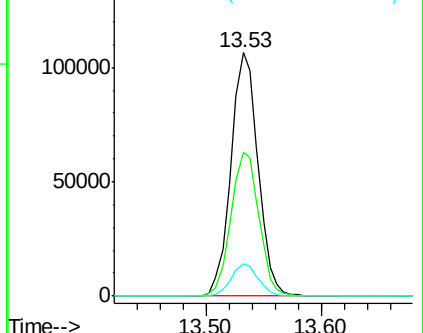
272 13.1 0.0 31.8

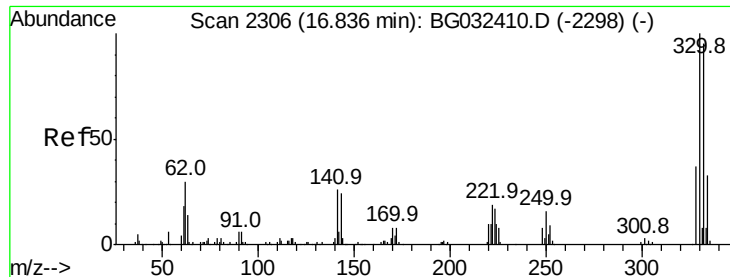


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

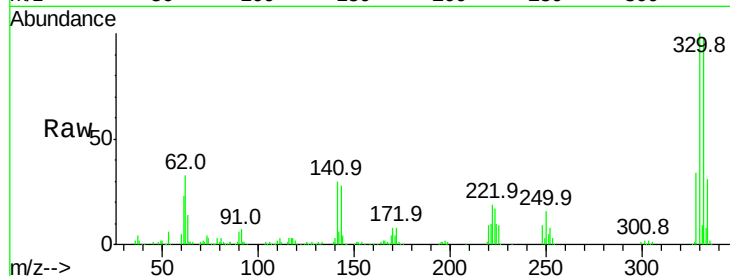




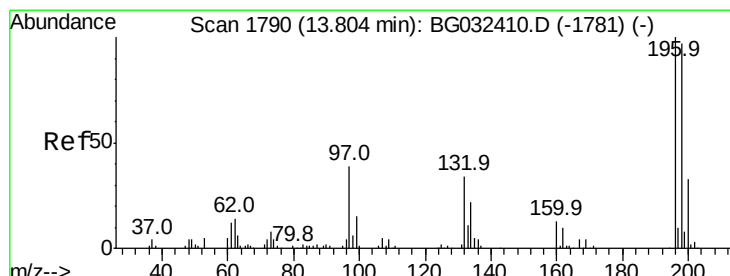
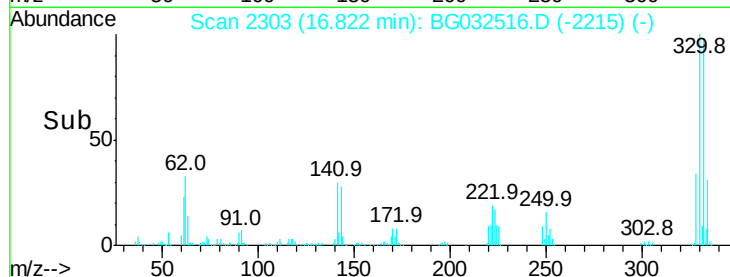
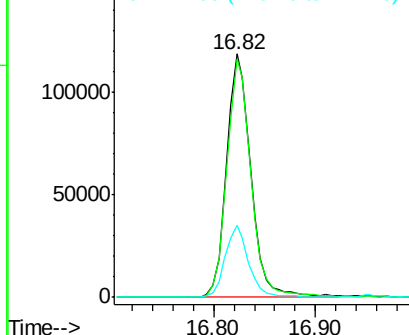
#41
 2,4,6-Tribromophenol
 Concen: 144.073 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	28.7	25.2	37.8

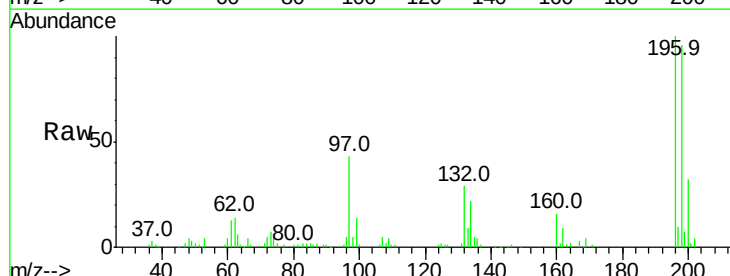


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

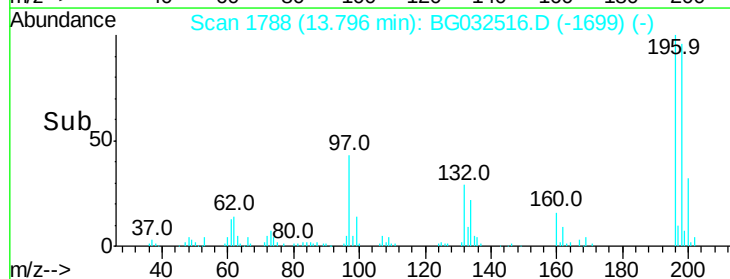
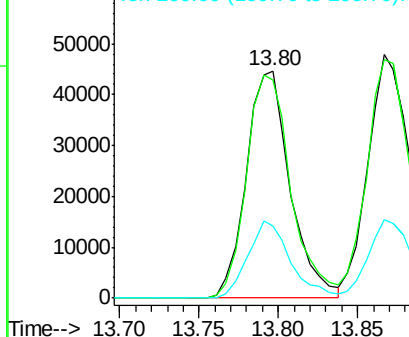


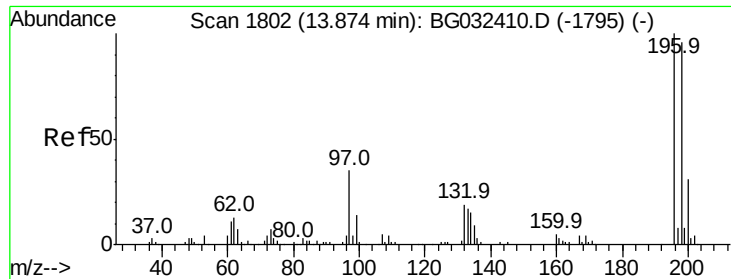
#42
 2,4,6-Trichlorophenol
 Concen: 46.735 ng
 RT: 13.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	78.2	117.2
200	32.0	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

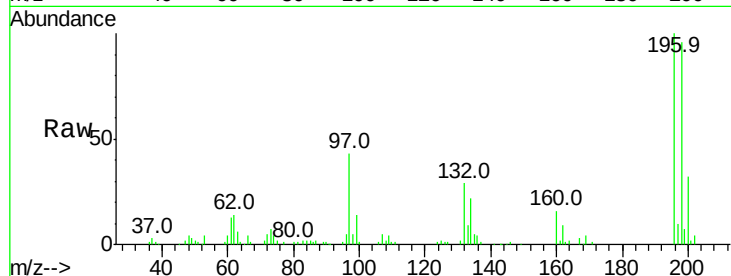




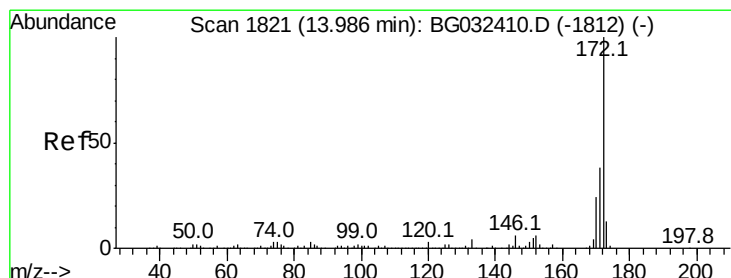
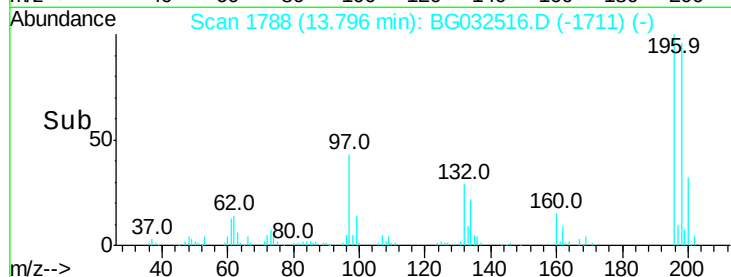
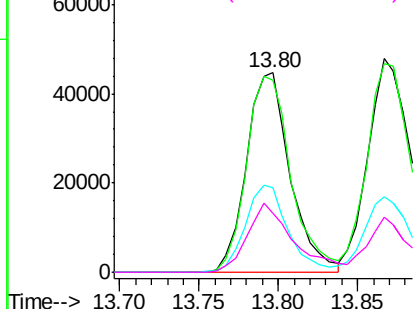
#43
 2,4,5-Trichlorophenol
 Concen: 40.090 ng
 RT: 13.80 min Scan# 1788
 Delta R.T. -0.08 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	85567
Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.4
97	42.5	38.7	58.1
132	29.4	20.2	30.2

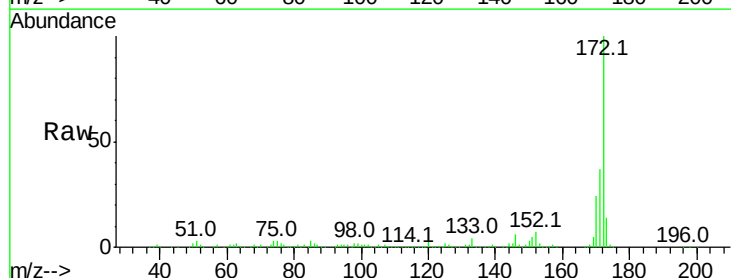


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

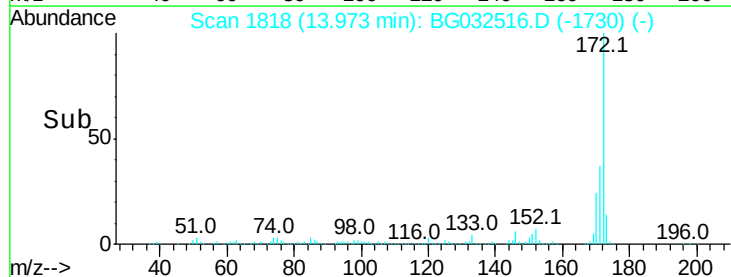
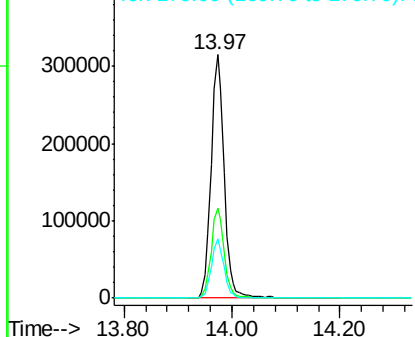


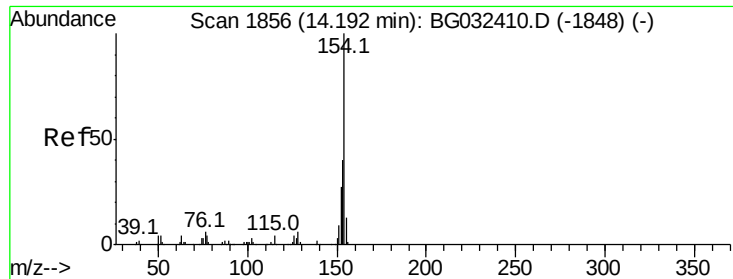
#44
 2-Fluorobiphenyl
 Concen: 87.162 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion:	172	Resp:	527634
Ion	Ratio	Lower	Upper
172	100		
171	36.9	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: 43.668 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

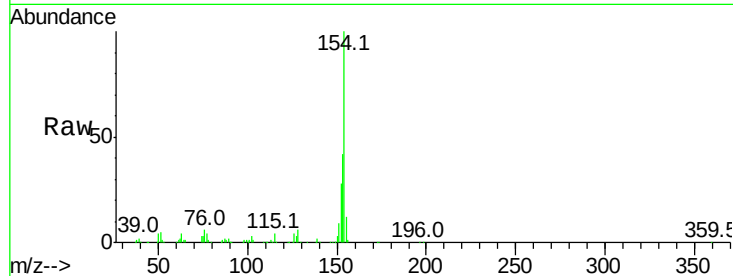
Tot Ion:154 Resp: 265445

Ion Ratio Lower Upper

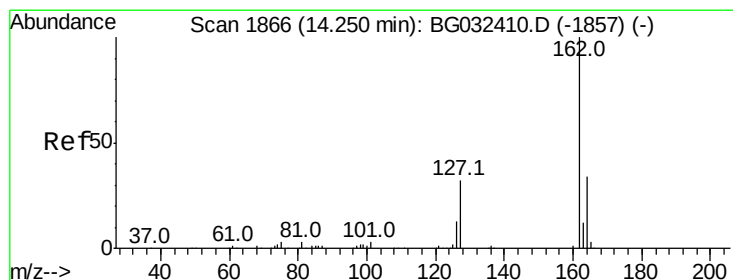
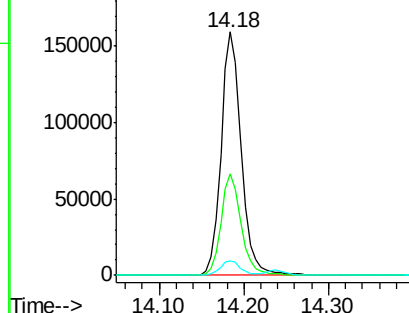
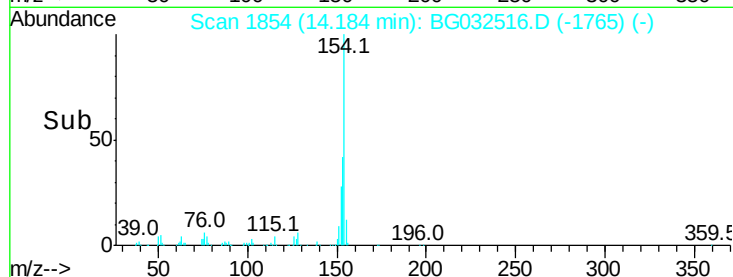
154 100

153 41.8 19.8 59.8

76 5.9 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 43.752 ng

RT: 14.24 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

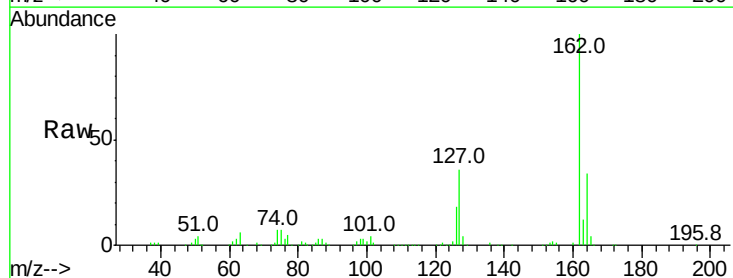
Tgt Ion:162 Resp: 208451

Ion Ratio Lower Upper

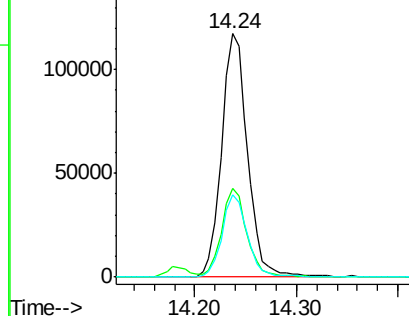
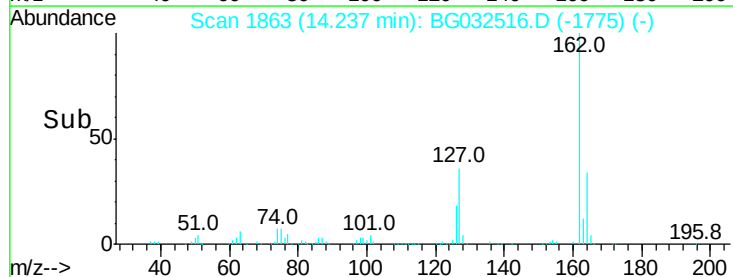
162 100

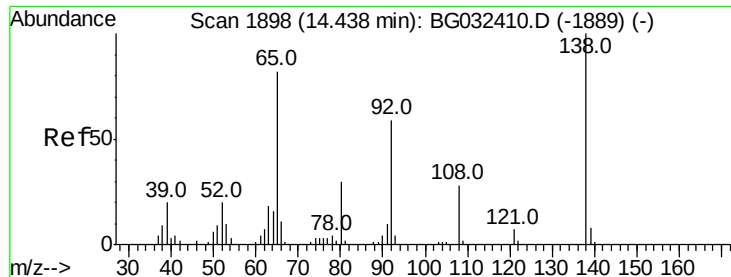
127 36.2 30.7 46.1

164 33.6 26.0 39.0



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





#47

2-Nitroaniline

Concen: 47.258 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

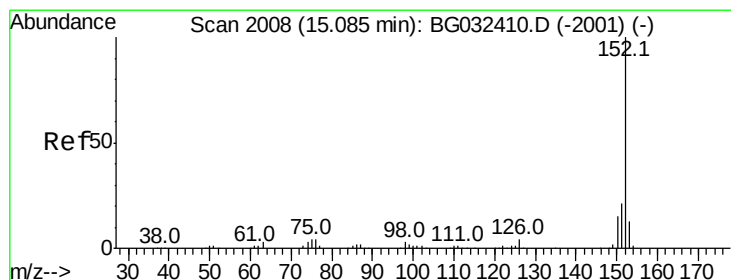
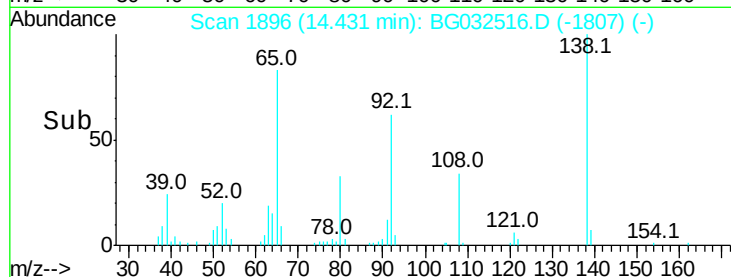
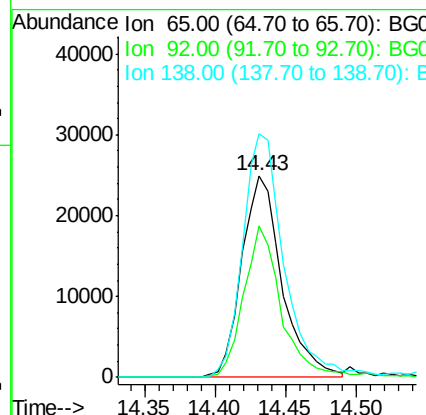
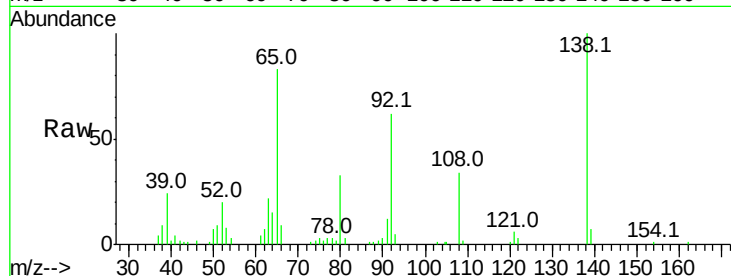
Tot Ion: 65 Resp: 49791

Ion Ratio Lower Upper

65 100

92 75.1 54.6 82.0

138 120.8 72.9 109.3#



#48

Acenaphthylene

Concen: 43.675 ng

RT: 15.08 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

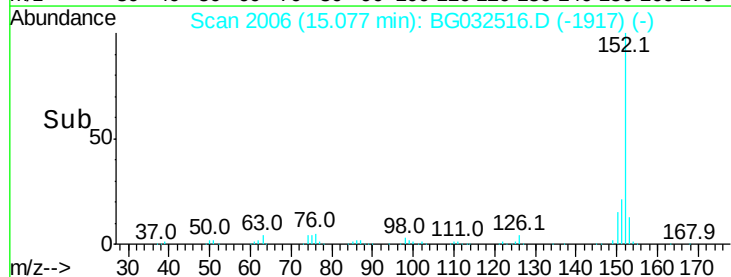
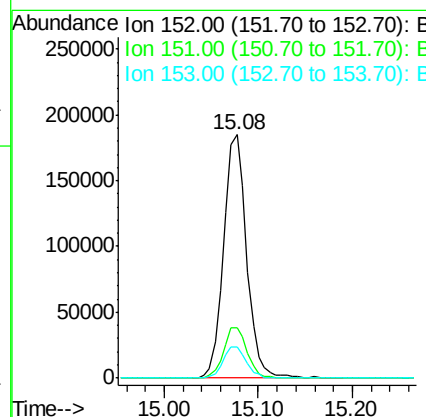
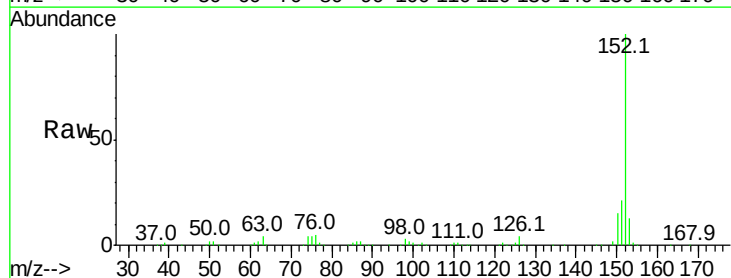
Tgt Ion: 152 Resp: 314571

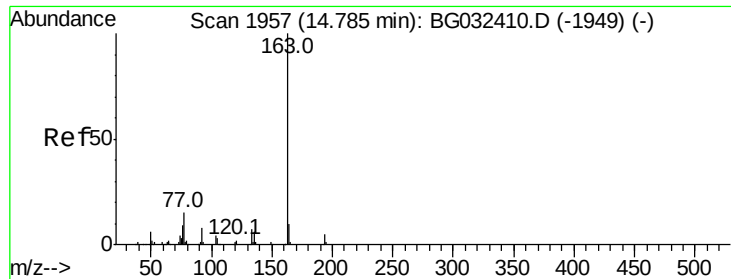
Ion Ratio Lower Upper

152 100

151 20.6 17.2 25.8

153 12.6 10.2 15.4





#49

Dimethylphthalate

Concen: 44.437 ng

RT: 14.78 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

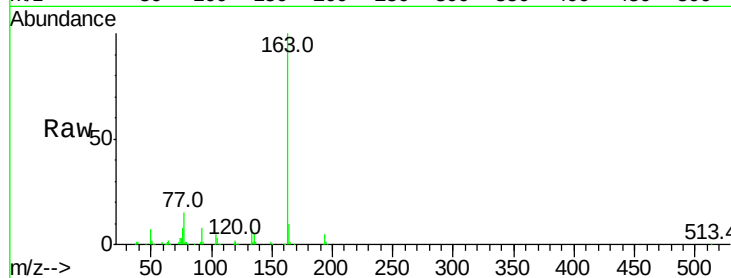
Tot Ion:163 Resp: 294803

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

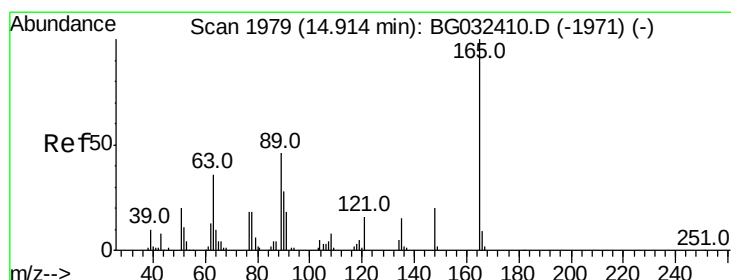
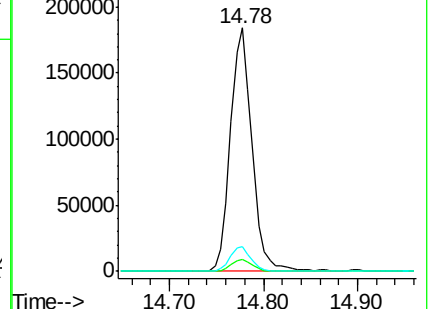
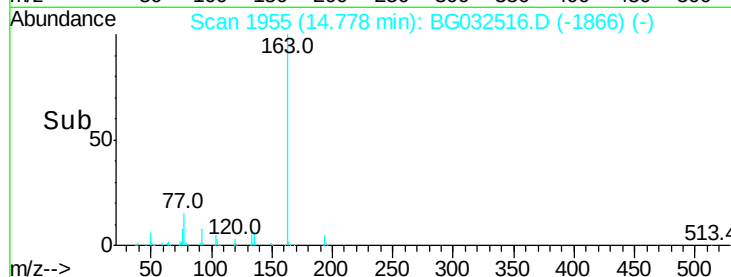
164 10.1 8.2 12.4



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: 46.659 ng

RT: 14.91 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

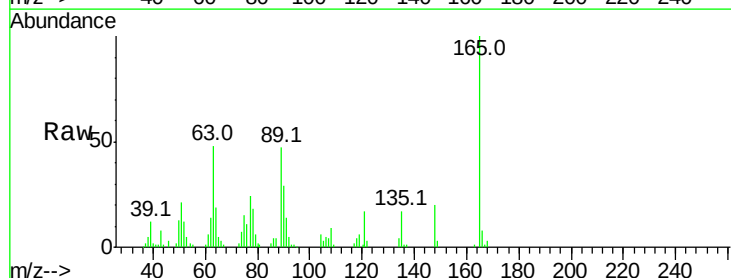
Tgt Ion:165 Resp: 64969

Ion Ratio Lower Upper

165 100

63 47.6 52.7 79.1#

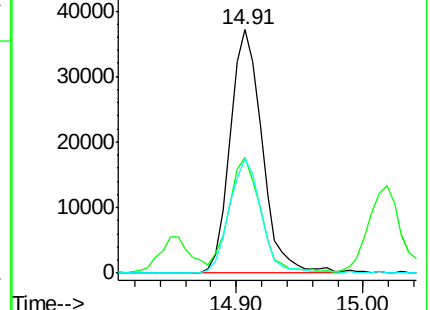
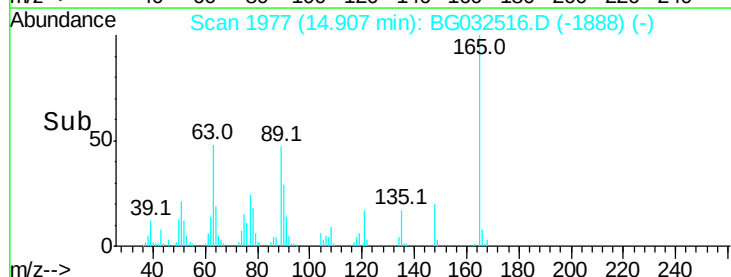
89 47.0 49.2 73.8#

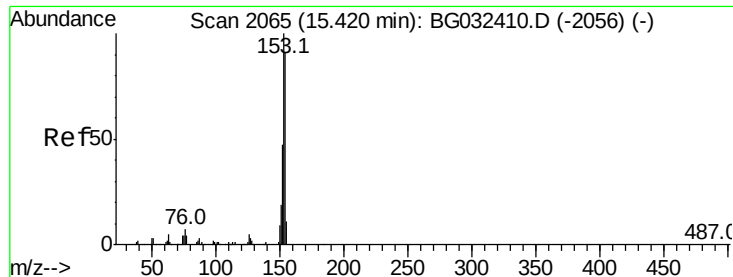


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 40.568 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

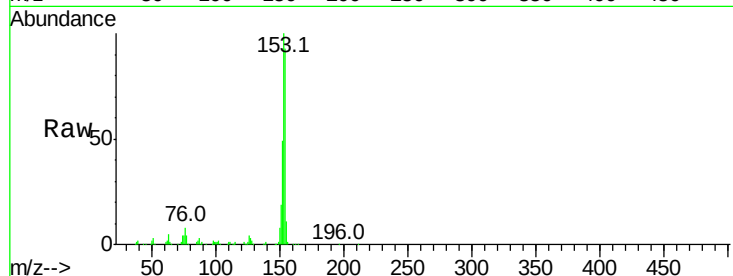
Tot Ion:154 Resp: 202642

Ion Ratio Lower Upper

154 100

153 107.2 90.4 135.6

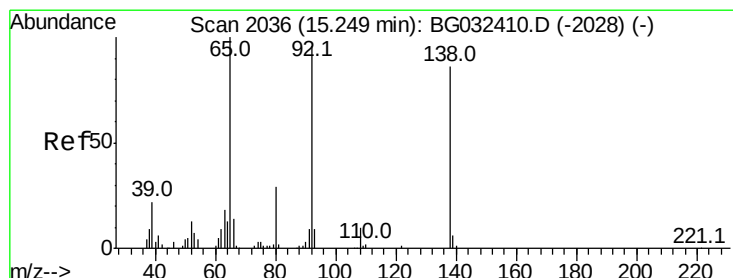
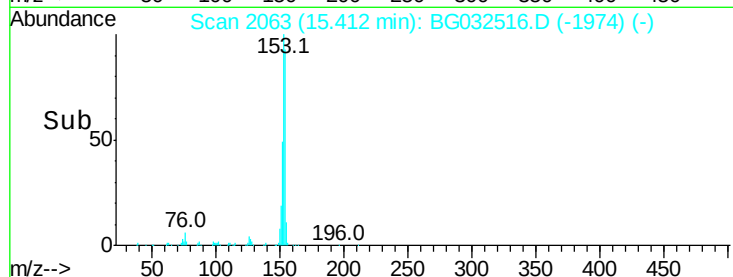
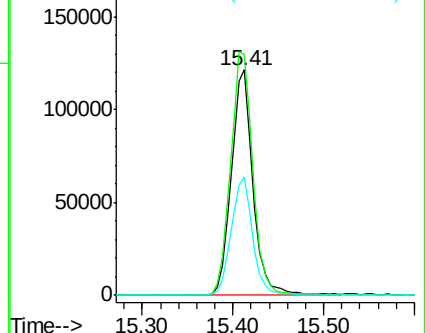
152 52.2 41.6 62.4



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: 13.627 ng

RT: 15.25 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

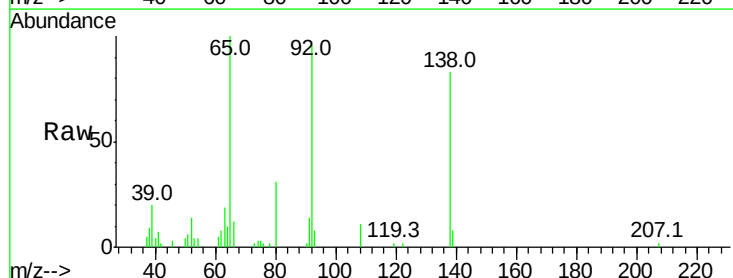
Tgt Ion:138 Resp: 16574

Ion Ratio Lower Upper

138 100

108 12.8 17.5 26.3#

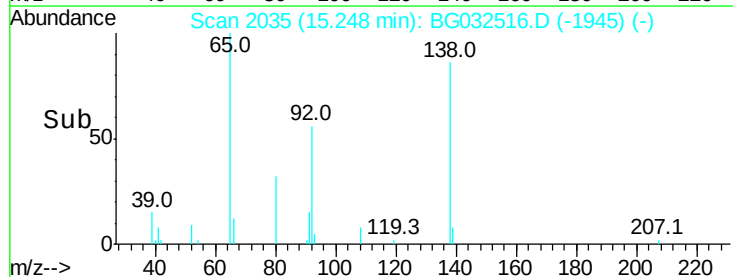
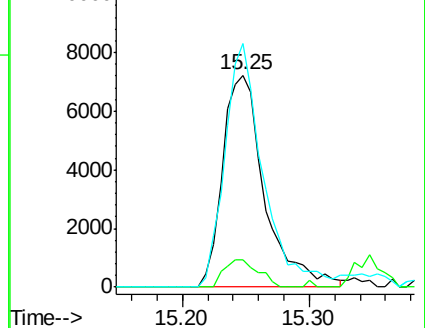
92 115.0 105.8 158.8

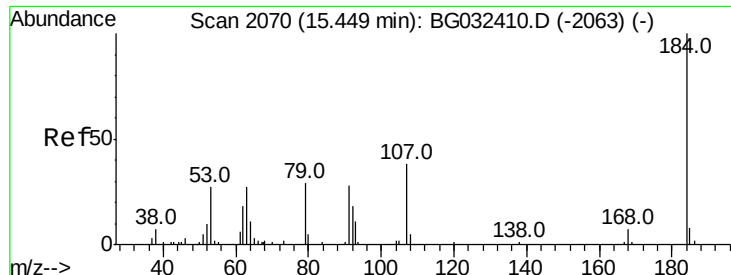


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

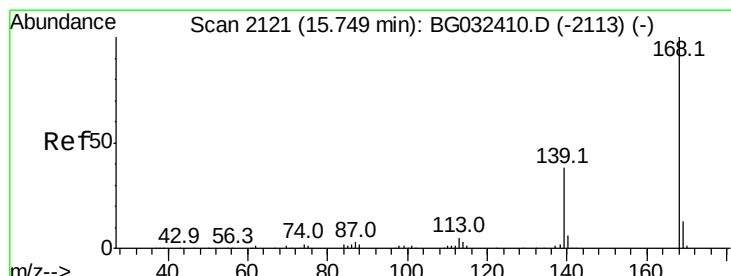
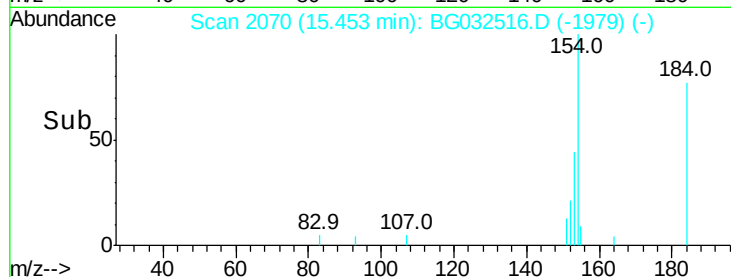
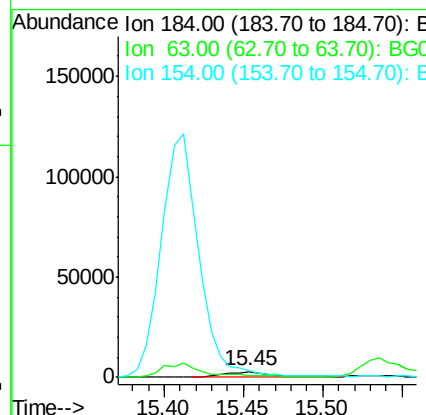
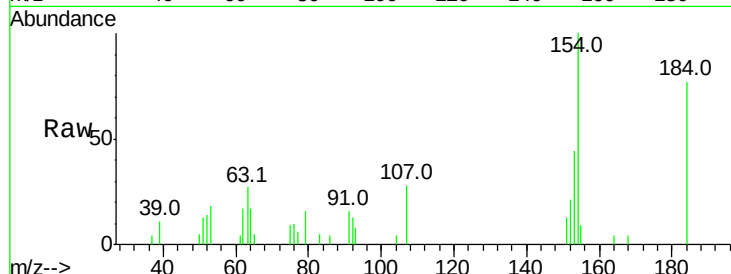




#53
 2,4-Dinitrophenol
 Concen: 11.072 ng
 RT: 15.45 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

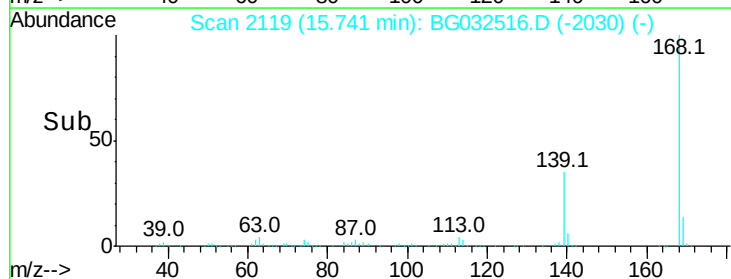
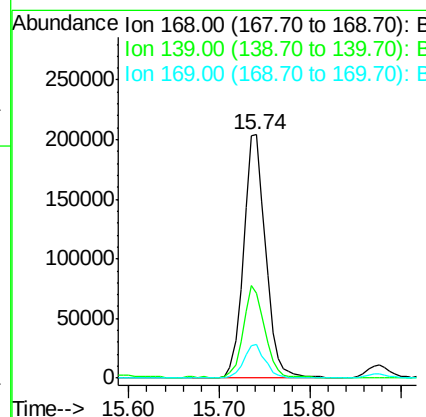
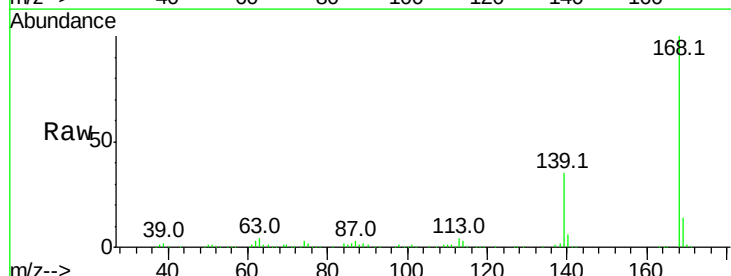
Instrument :
 BNA_G
 ClientSampleId :

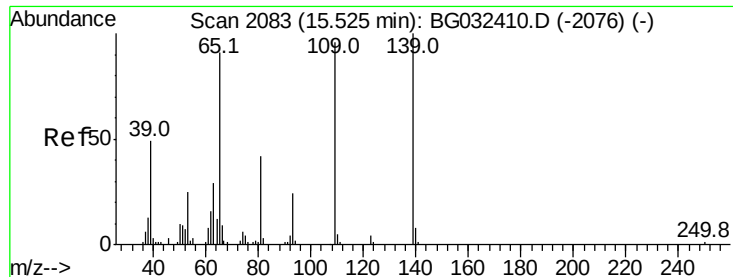
Tot Ion:184 Resp: 6384
 Ion Ratio Lower Upper
 184 100
 63 35.5 59.8 89.8#
 154 130.6 101.8 152.8



#54
 Dibenzofuran
 Concen: 46.883 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion:168 Resp: 346622
 Ion Ratio Lower Upper
 168 100
 139 34.6 28.6 43.0
 169 13.7 11.2 16.8





#55

4-Nitrophenol

Concen: 70.464 ng

RT: 15.54 min Scan# 2084

Delta R.T. 0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

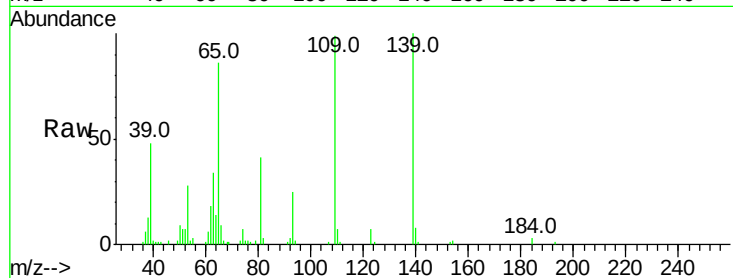
Tot Ion:139 Resp: 64160

Ion Ratio Lower Upper

139 100

109 99.3 62.2 102.2

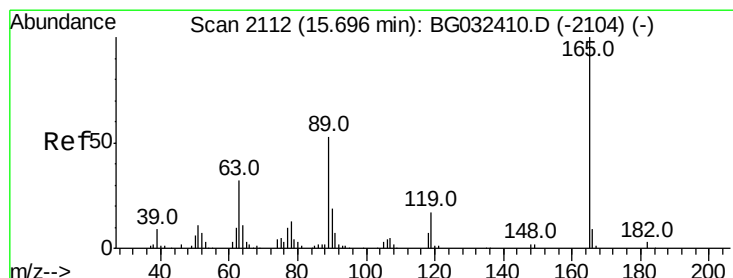
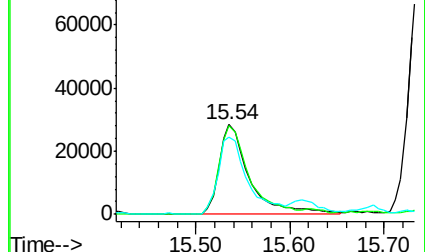
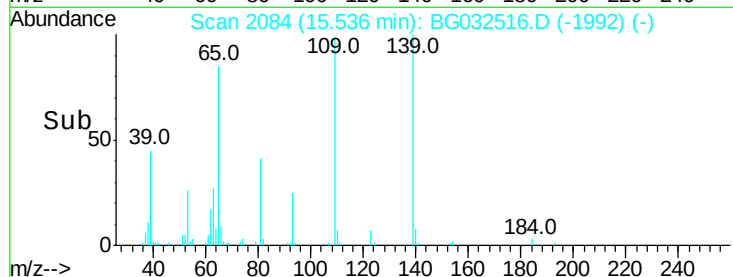
65 86.4 97.2 137.2#



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: 48.566 ng

RT: 15.69 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion:165 Resp: 96285

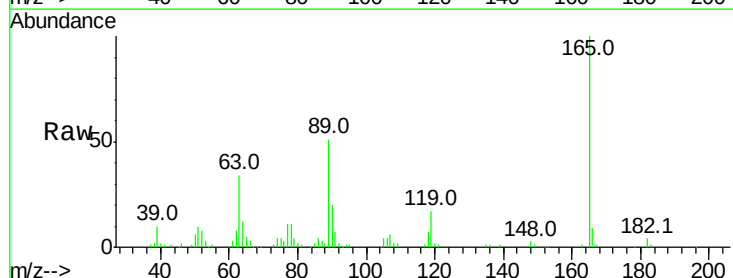
Ion Ratio Lower Upper

165 100

63 33.6 42.0 63.0#

89 50.8 66.9 100.3#

182 3.5 2.6 3.8

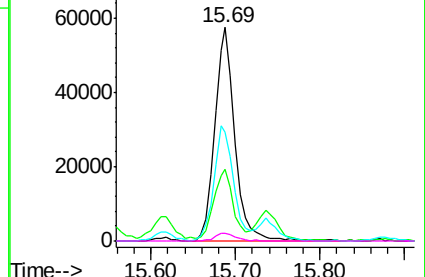
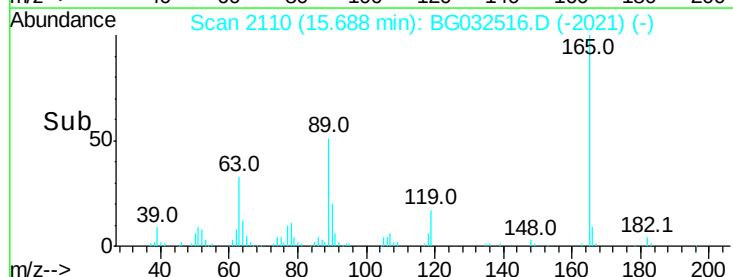


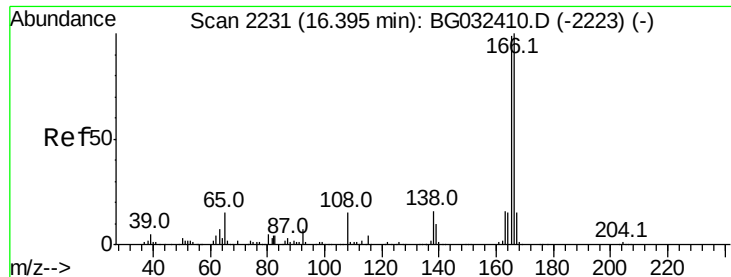
Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.745 ng

RT: 16.38 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

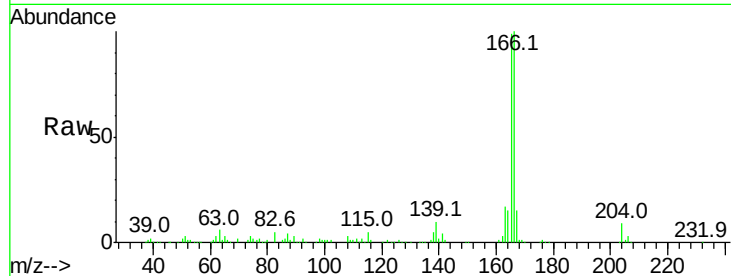
Tot Ion:166 Resp: 281041

Ion Ratio Lower Upper

166 100

165 99.1 80.6 121.0

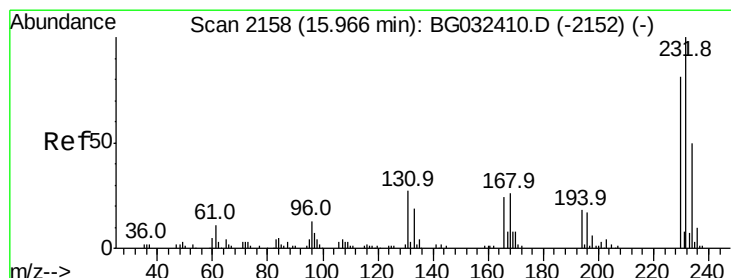
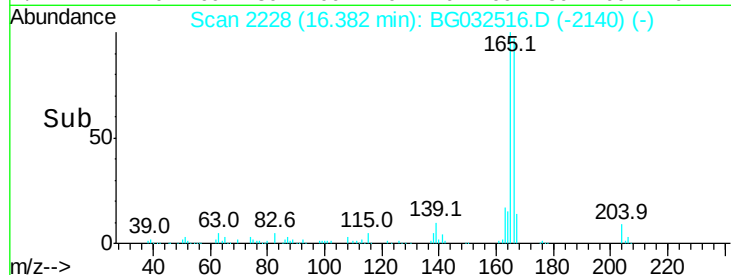
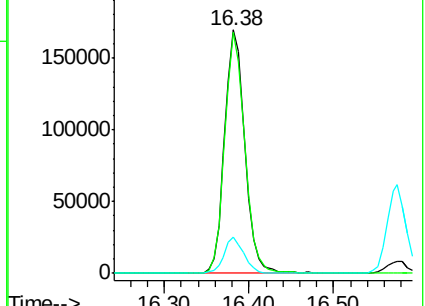
167 14.7 10.4 15.6



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: 49.570 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion:232 Resp: 104348

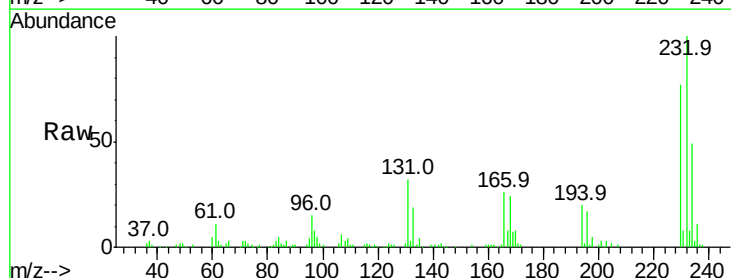
Ion Ratio Lower Upper

232 100

131 29.0 33.5 50.3#

130 1.7 2.2 3.2#

166 25.6 24.8 37.2

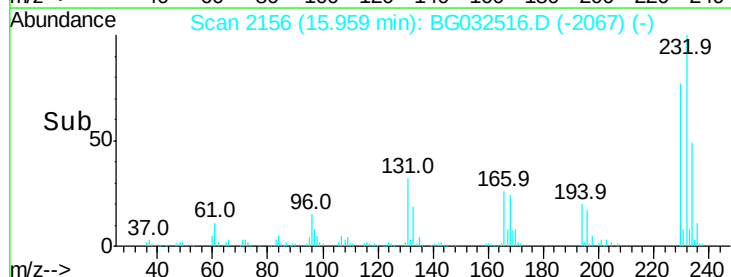
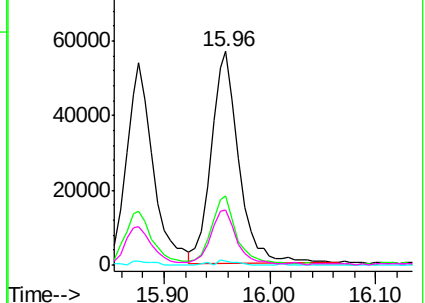


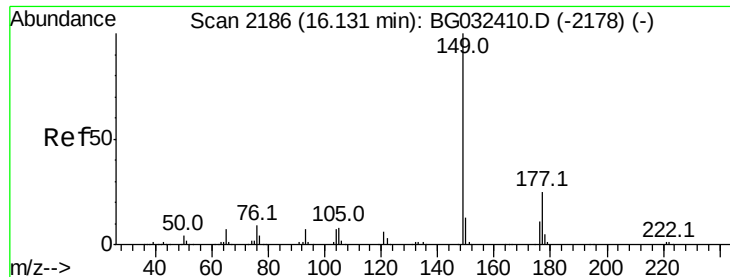
Abundance Ion 232.00 (231.70 to 232.70): E

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

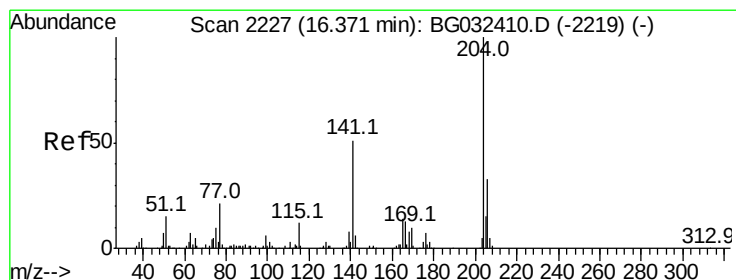
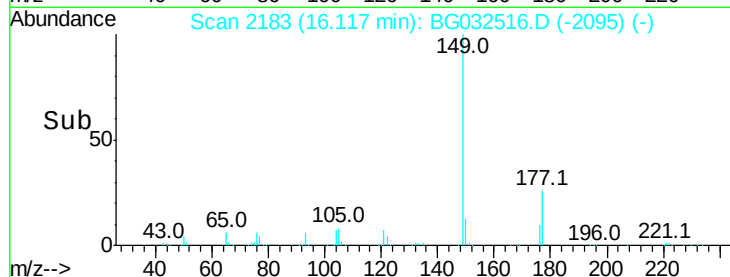
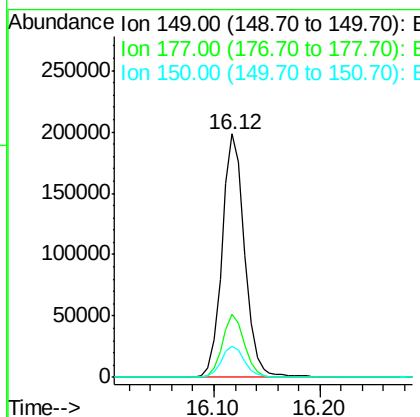
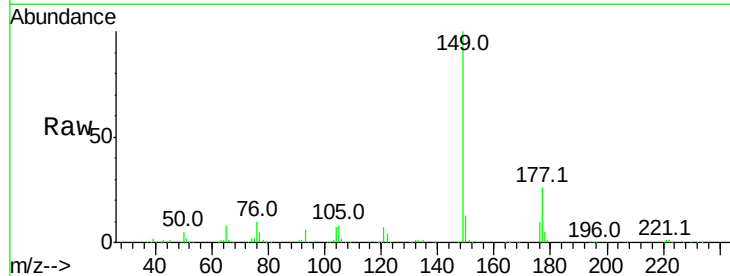




#59
Diethylphthalate
Concen: 45.550 ng
RT: 16.12 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

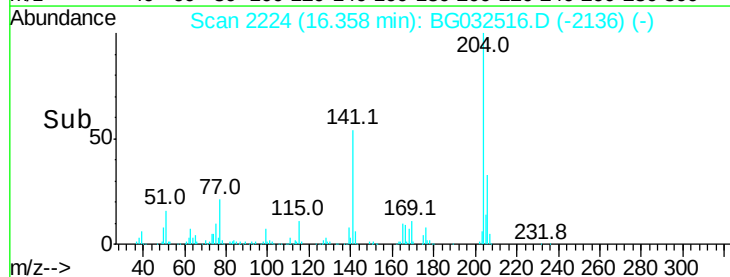
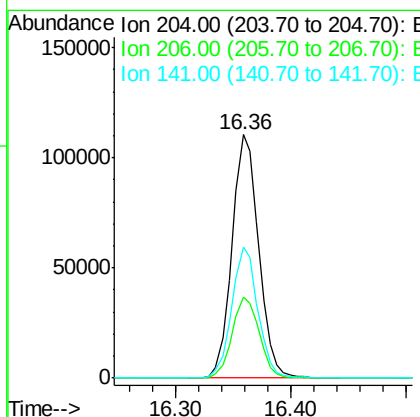
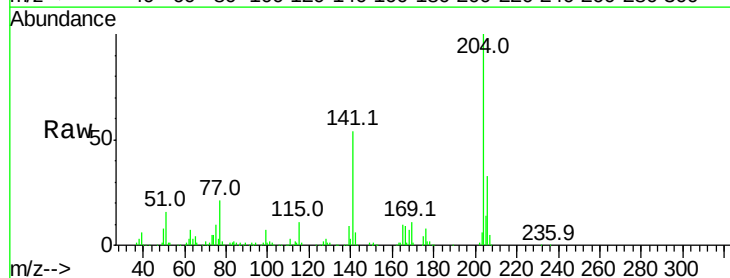
Instrument :
BNA_G
ClientSampled :

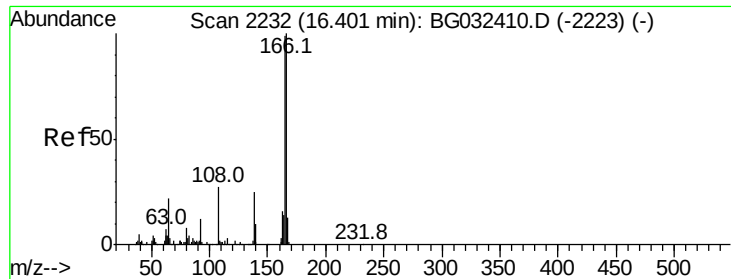
Tot Ion:149 Resp: 294316
Ion Ratio Lower Upper
149 100
177 25.9 18.5 27.7
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.530 ng
RT: 16.36 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion:204 Resp: 176389
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 53.7 45.8 68.6





#61

4-Nitroaniline

Concen: 38.989 ng

RT: 16.40 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

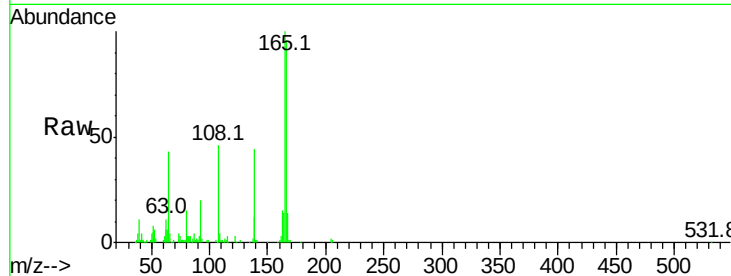
Tot Ion:138 Resp: 50825

Ion	Ratio	Lower	Upper
138	100		
92	45.5	40.1	80.1
108	103.5	65.4	105.4

138 100

92 45.5 40.1 80.1

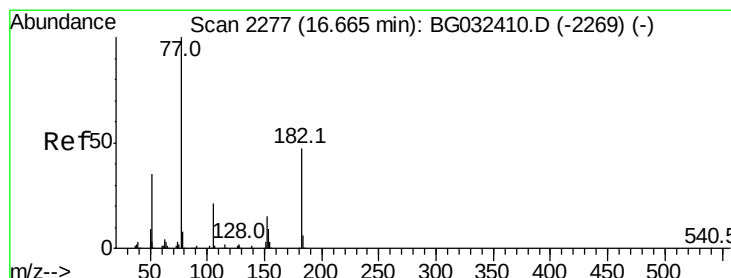
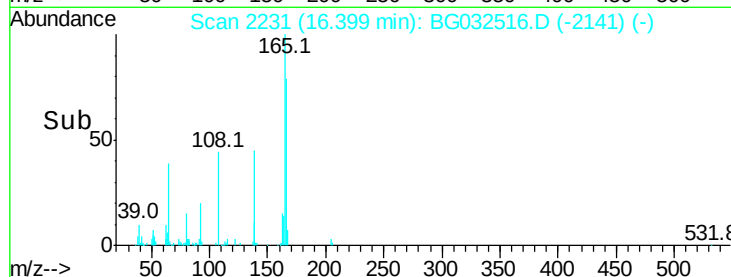
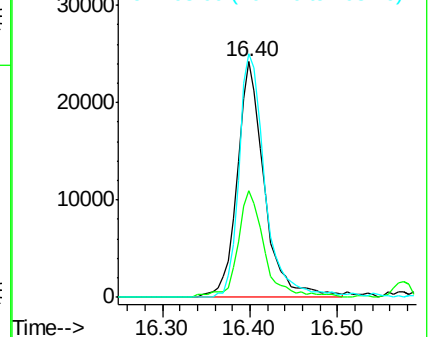
108 103.5 65.4 105.4



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: 46.302 ng

RT: 16.65 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Tgt Ion: 77 Resp: 178785

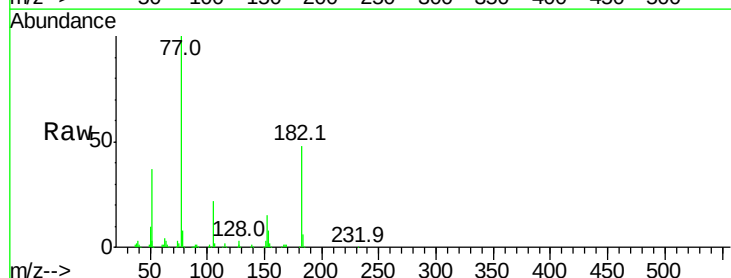
Ion	Ratio	Lower	Upper
77	100		
182	47.7	7.4	47.4#
105	21.7	0.3	40.3
51	37.4	11.6	51.6

77 100

182 47.7 7.4 47.4#

105 21.7 0.3 40.3

51 37.4 11.6 51.6

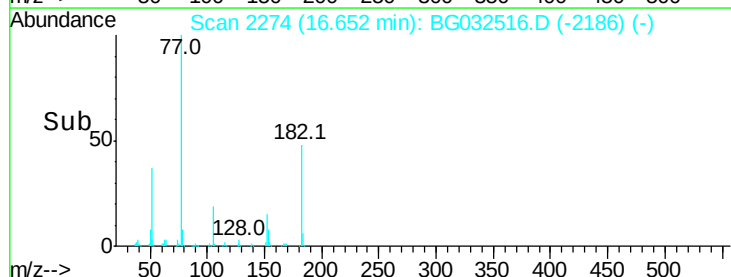
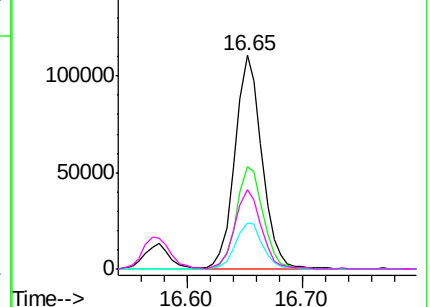


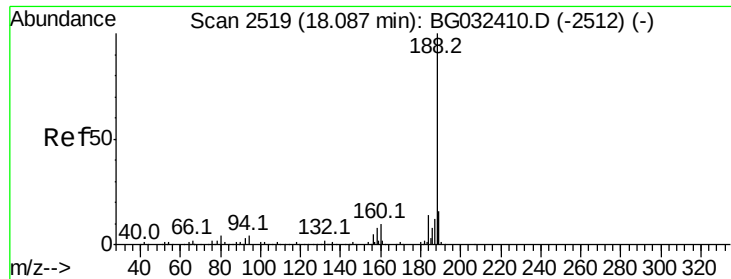
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

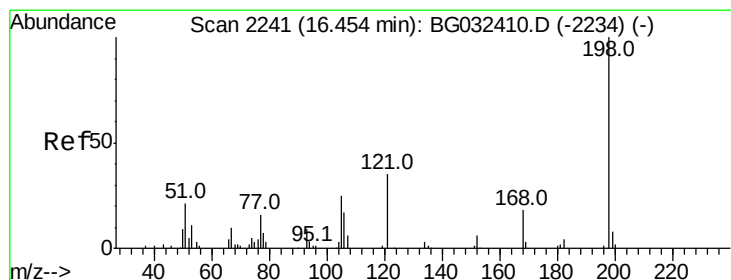
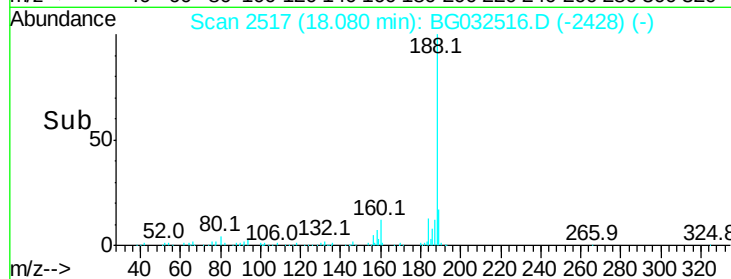
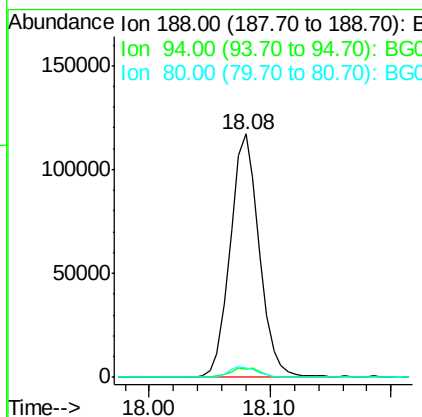
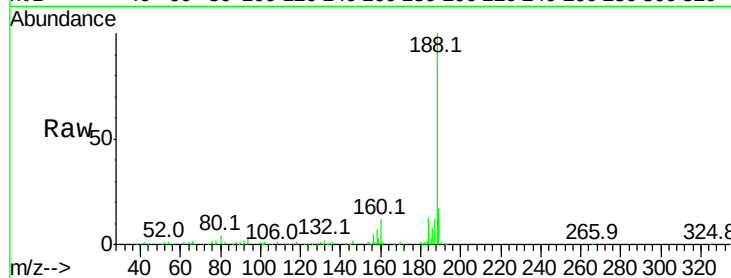




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

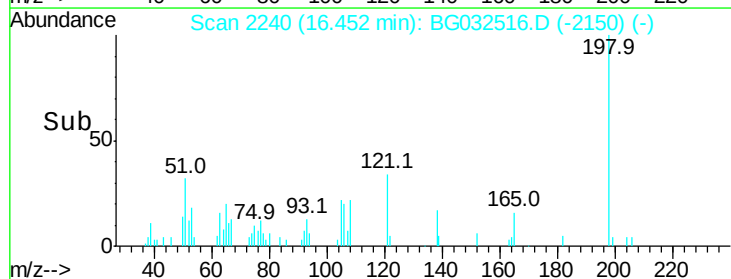
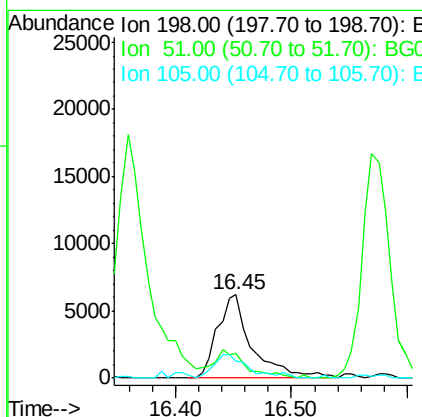
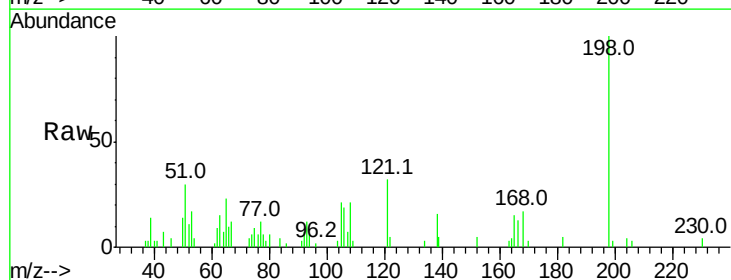
Instrument :
 BNA_G
 ClientSampleId :

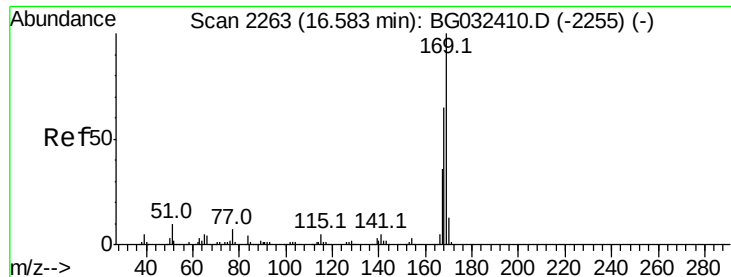
Tot Ion:188 Resp: 195888
 Ion Ratio Lower Upper
 188 100
 94 3.1 6.9 10.3#
 80 4.0 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.766 ng
 RT: 16.45 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion:198 Resp: 12828
 Ion Ratio Lower Upper
 198 100
 51 30.4 30.6 70.6#
 105 21.1 23.8 63.8#





#65

n-Nitrosodiphenylamine

Concen: 44.999 ng

RT: 16.58 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

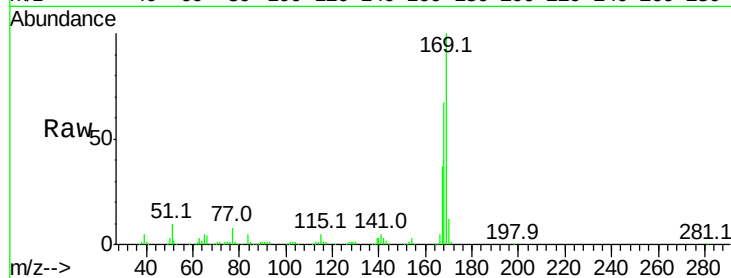
Tot Ion:169 Resp: 263063

Ion Ratio Lower Upper

169 100

168 66.6 55.7 83.5

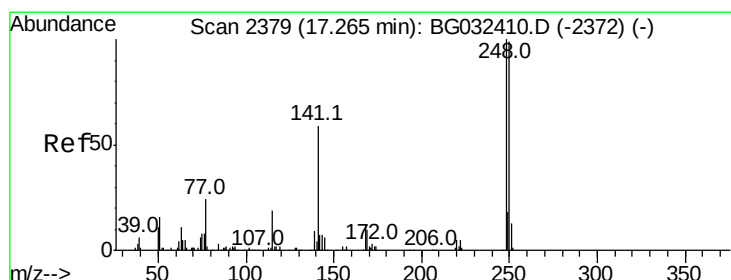
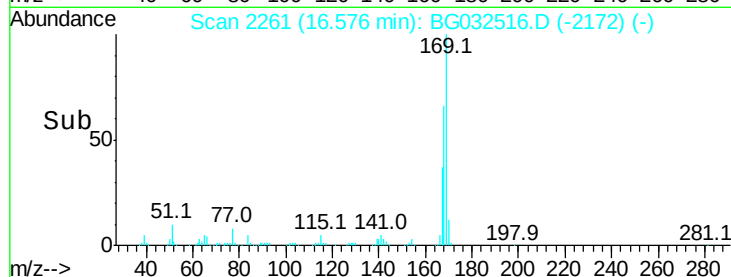
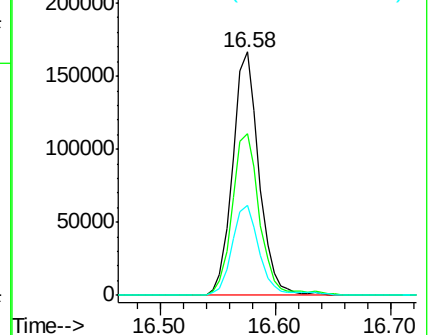
167 37.2 30.1 45.1



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: 46.102 ng

RT: 17.25 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

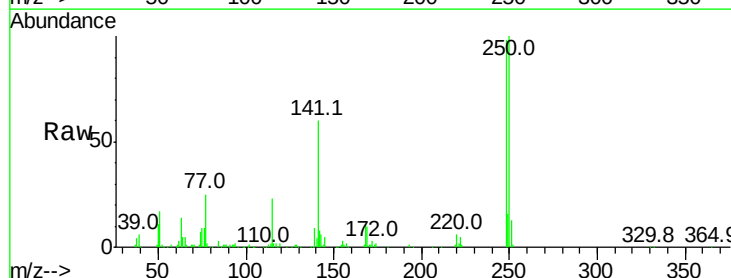
Tgt Ion:248 Resp: 133792

Ion Ratio Lower Upper

248 100

250 101.7 77.1 115.7

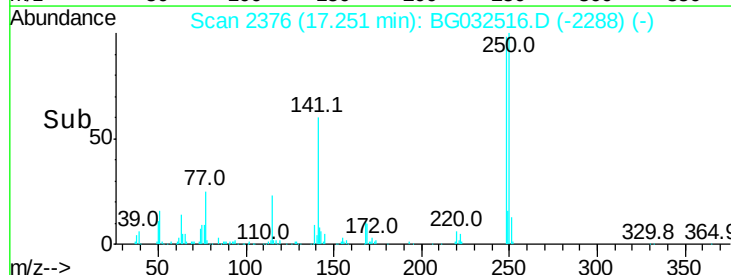
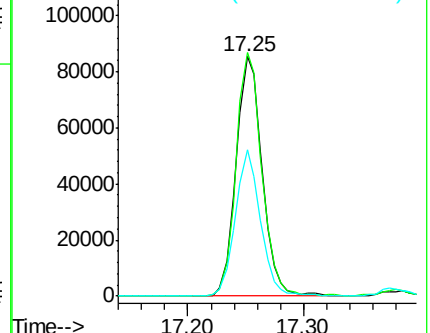
141 61.3 50.8 76.2

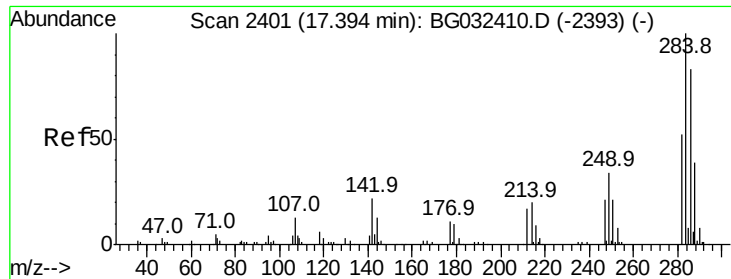


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.211 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampled :

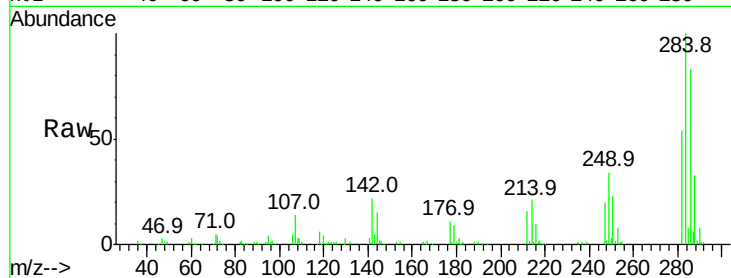
Tot Ion:284 Resp: 141986

Ion Ratio Lower Upper

284 100

142 22.4 26.8 40.2#

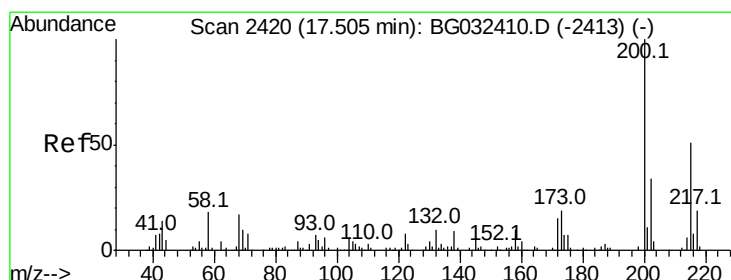
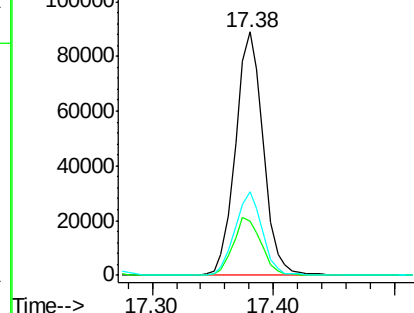
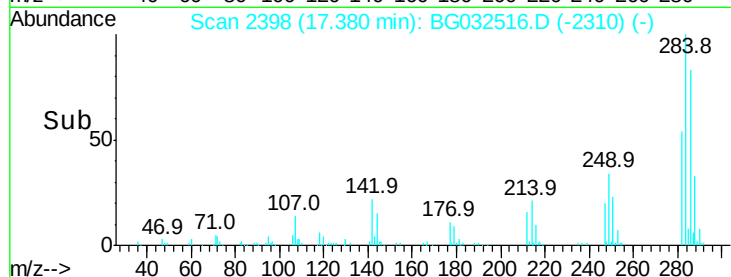
249 34.3 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.083 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

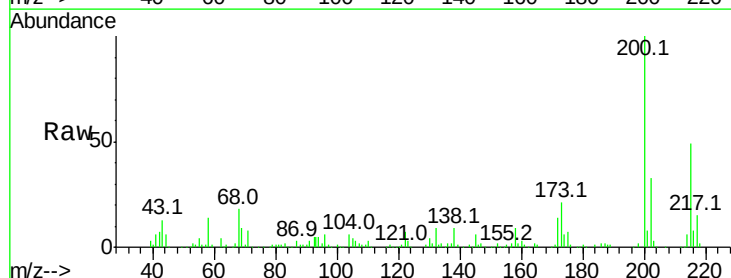
Tgt Ion:200 Resp: 123176

Ion Ratio Lower Upper

200 100

173 21.1 5.2 45.2

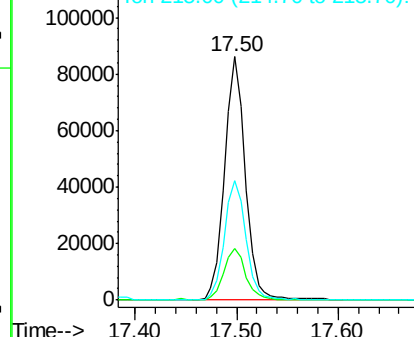
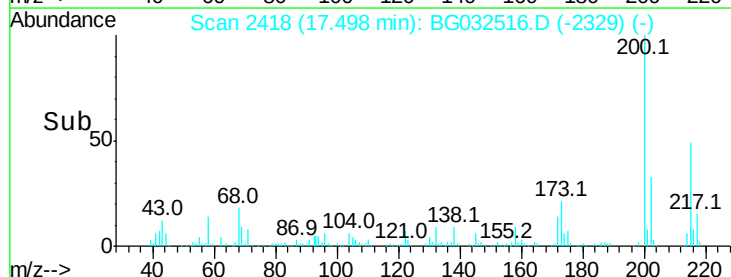
215 48.9 30.4 70.4

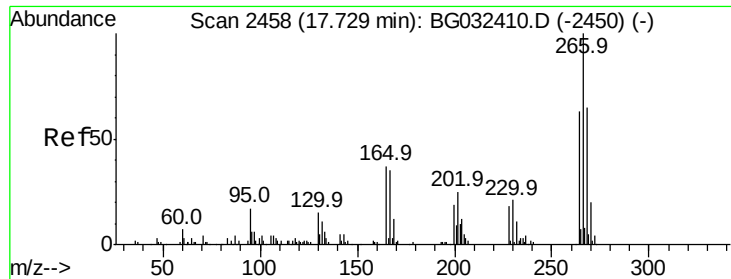


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

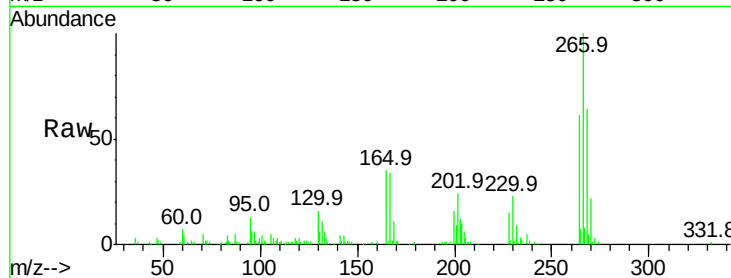




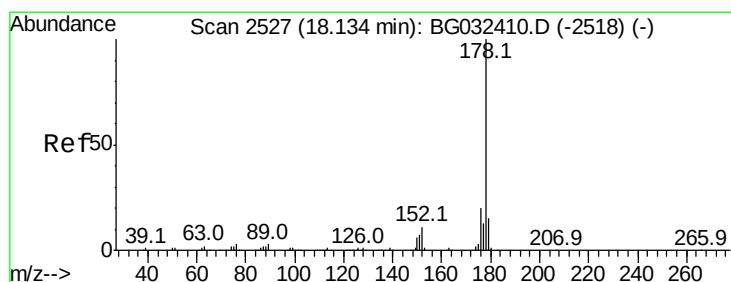
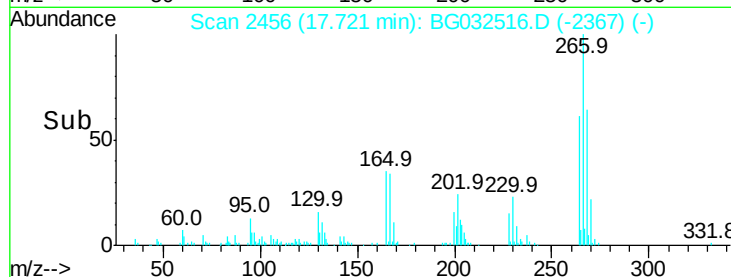
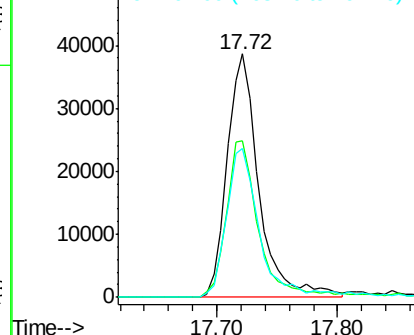
#69
 Pentachlorophenol
 Concen: 34.957 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:266 Resp: 70329
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.1 76.7
 264 61.3 49.6 74.4

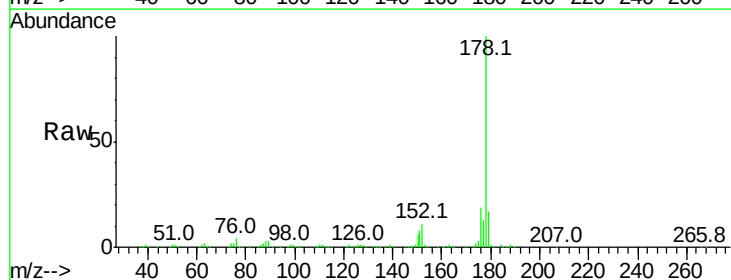


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

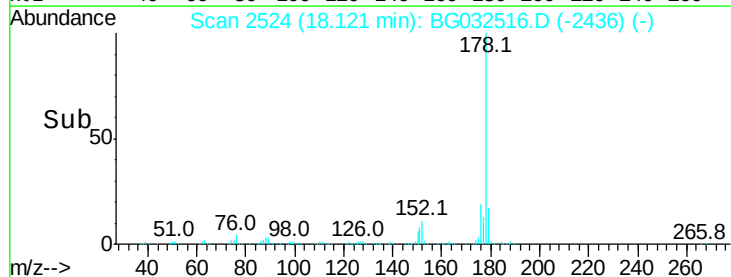
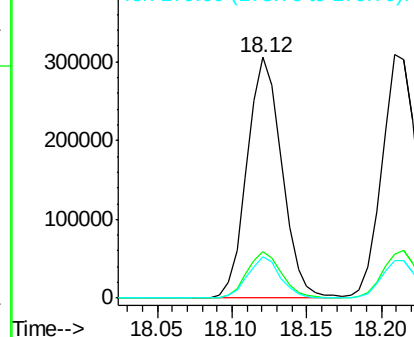


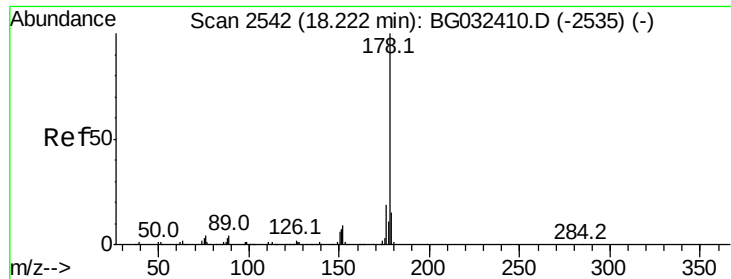
#70
 Phenanthrene
 Concen: 45.167 ng
 RT: 18.12 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion:178 Resp: 493406
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.7 23.5
 179 16.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

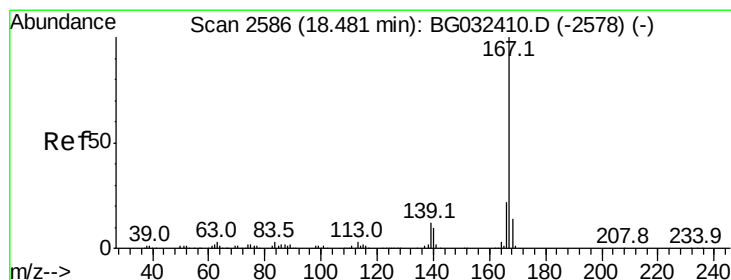
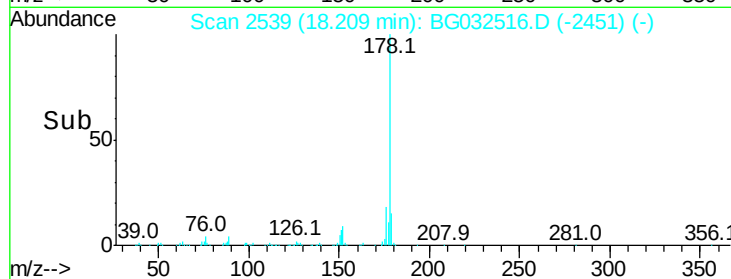
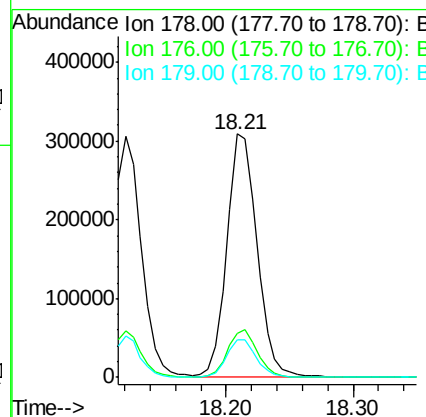
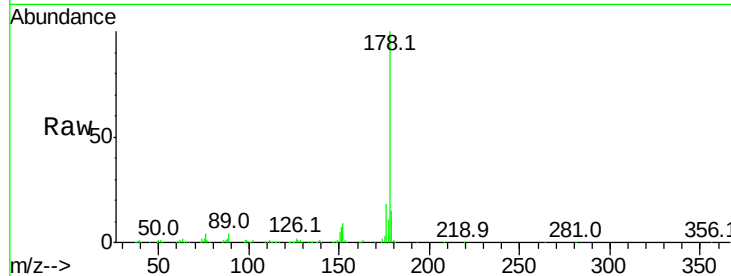




#71
 Anthracene
 Concen: 46.713 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

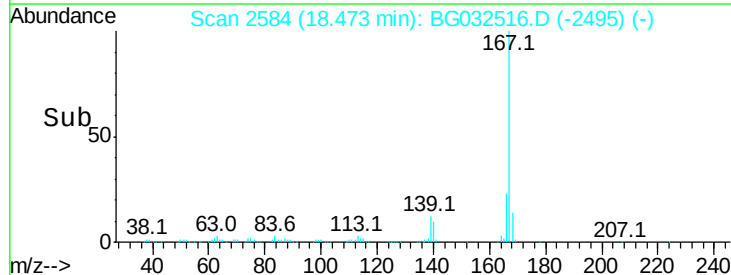
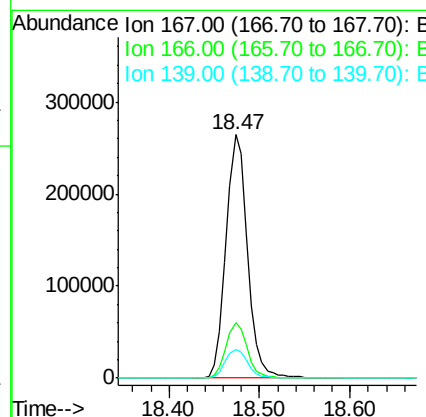
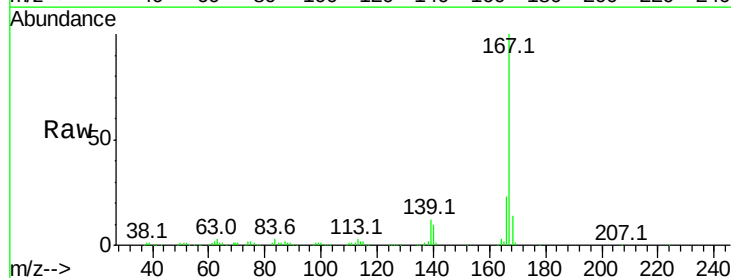
Instrument :
 BNA_G
 ClientSampleId :

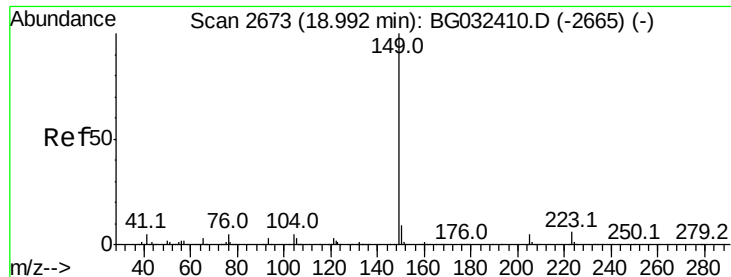
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.0	24.0
179	15.3	12.5	18.7



#72
 Carbazole
 Concen: 45.172 ng
 RT: 18.47 min Scan# 2584
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	12.0	9.4	14.2

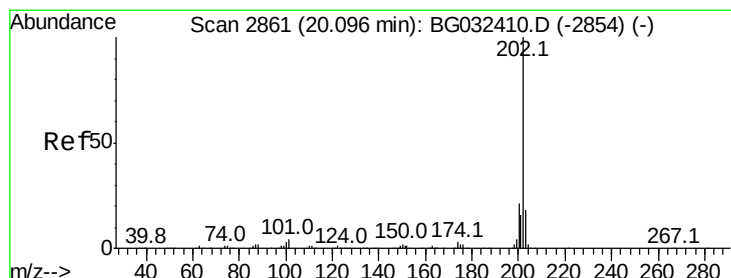
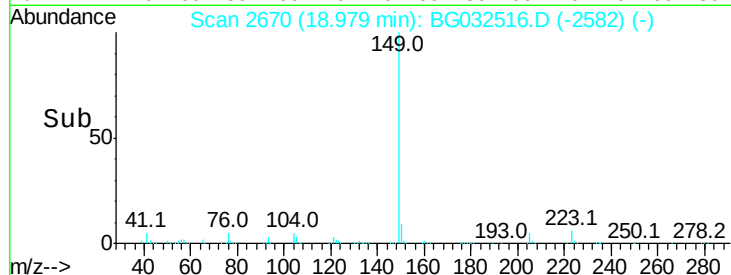
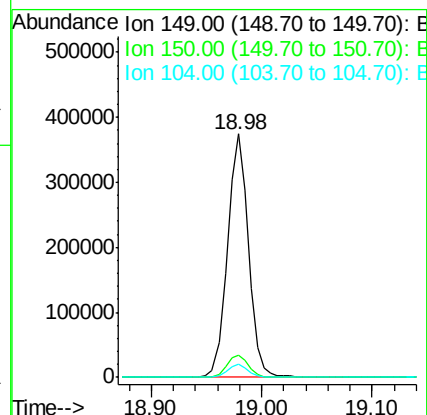
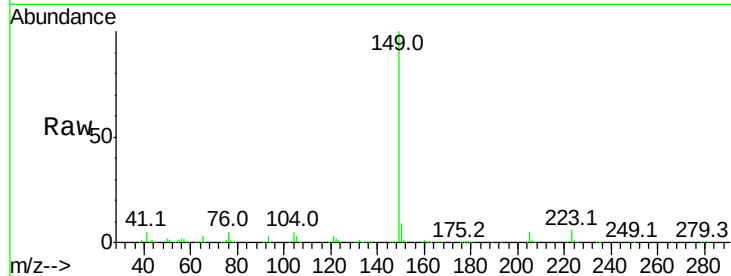




#73
Di-n-butylphthalate
Concen: 46.766 ng
RT: 18.98 min Scan# 2670
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

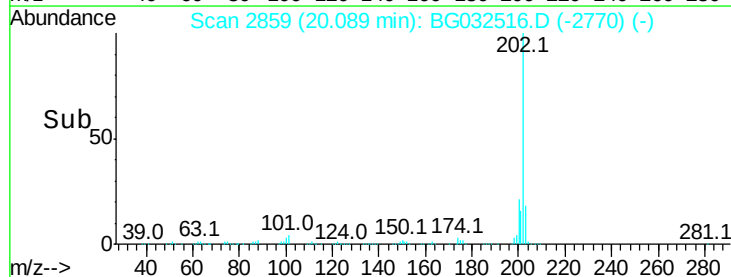
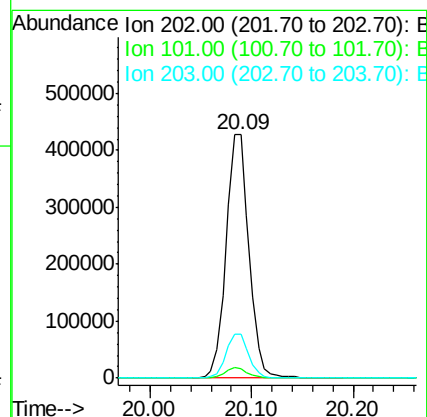
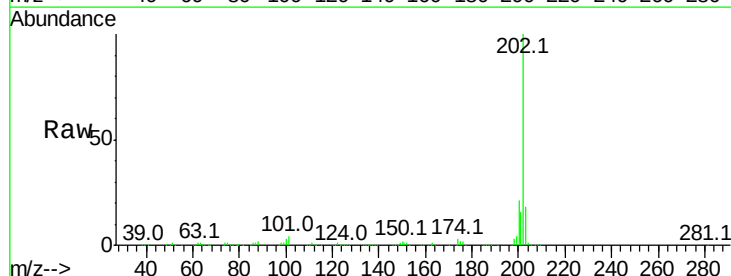
Instrument :
BNA_G
ClientSampleId :

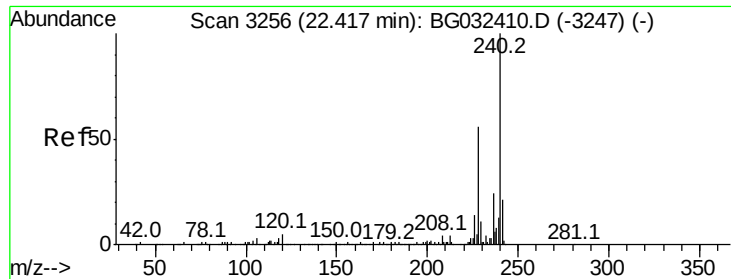
Tot Ion:149 Resp: 497621
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.4 3.9 5.9



#74
Fluoranthene
Concen: 46.504 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG032516.D
Acq: 2 Feb 2018 17:38

Tgt Ion:202 Resp: 666230
Ion Ratio Lower Upper
202 100
101 4.0 0.0 28.9
203 18.0 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

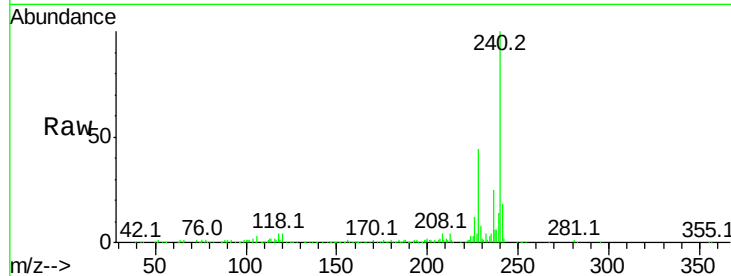
Tot Ion:240 Resp: 253824

Ion Ratio Lower Upper

240 100

120 3.7 6.8 10.2#

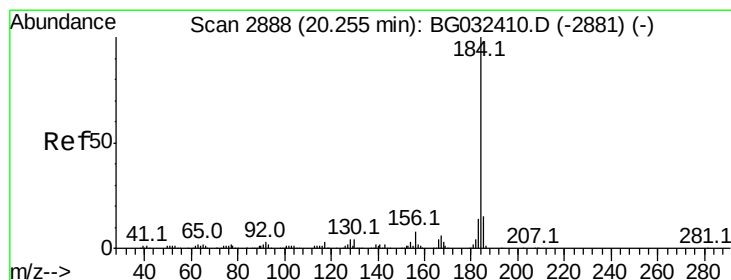
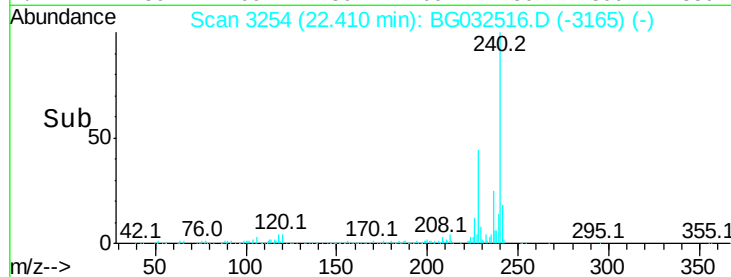
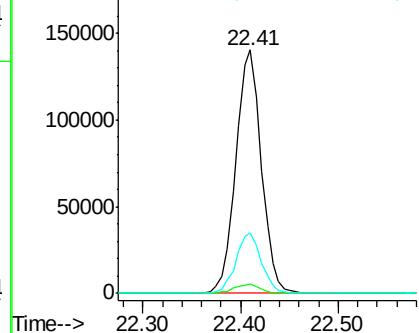
236 24.6 20.9 31.3



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: 19.162 ng

RT: 20.25 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

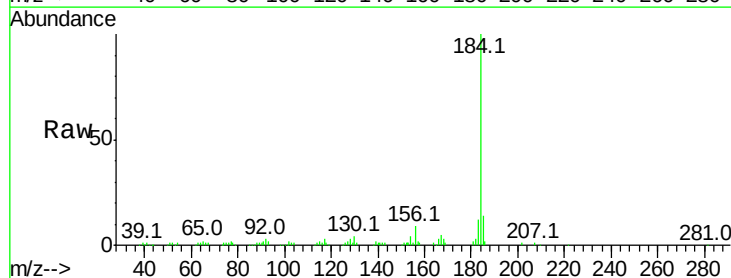
Tgt Ion:184 Resp: 95506

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

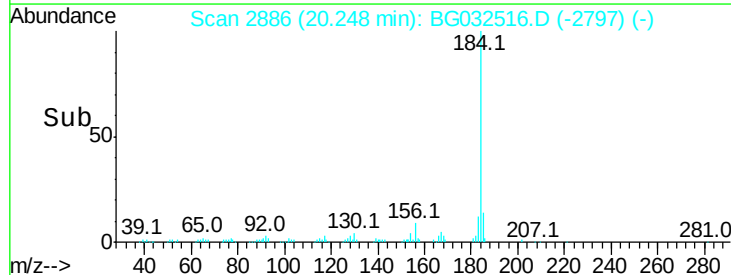
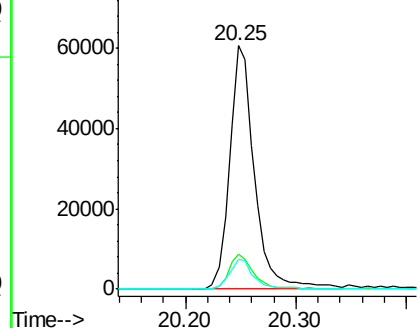
183 12.1 10.6 16.0

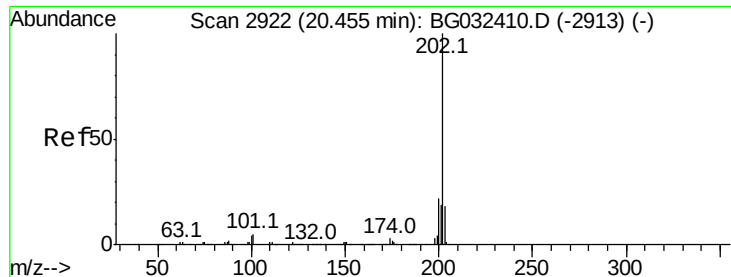


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

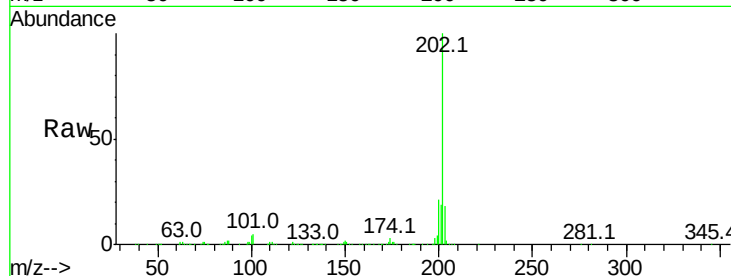




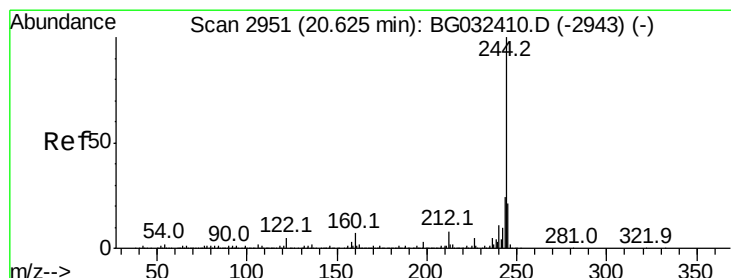
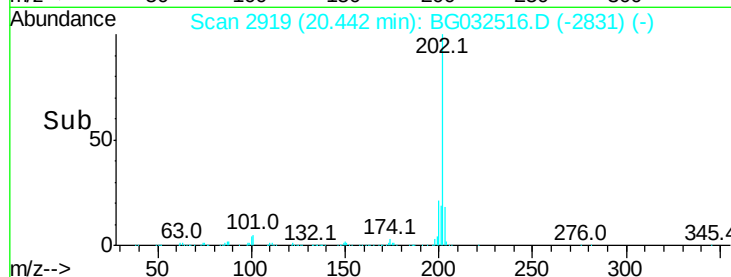
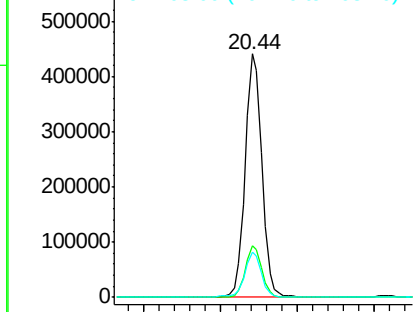
#77
 Pvrene
 Concen: 43.320 ng
 RT: 20.44 min Scan# 2919
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:202 Resp: 674416
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.9 25.3
 203 18.4 13.9 20.9

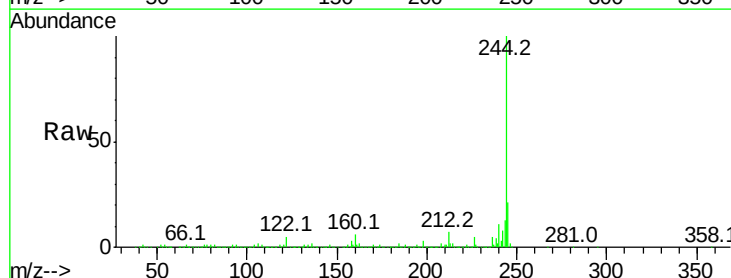


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

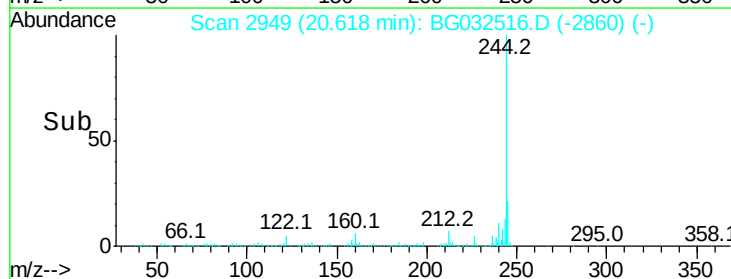
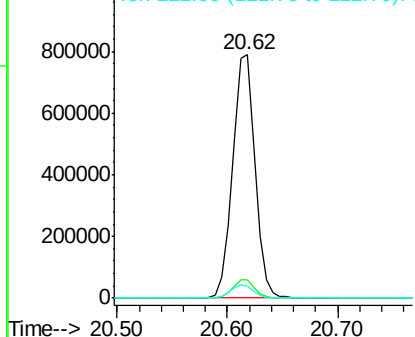


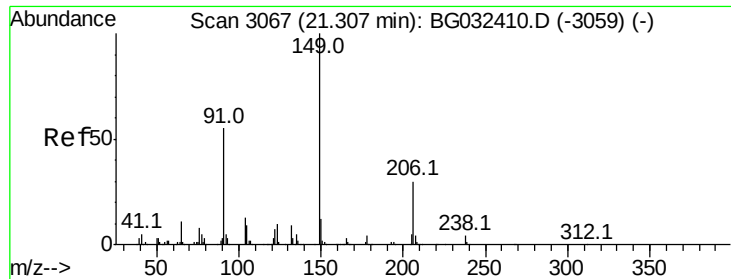
#78
 Terphenyl-d14
 Concen: 95.209 ng
 RT: 20.62 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion:244 Resp: 1128176
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 5.1 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.496 ng

RT: 21.30 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

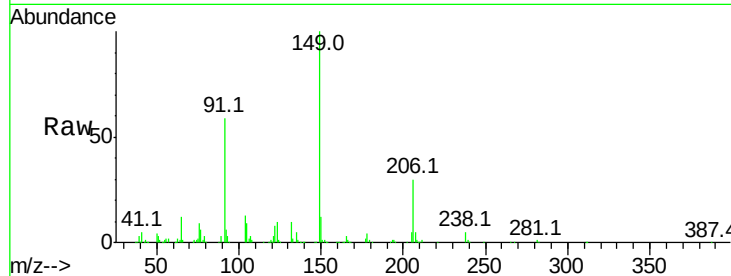
Tot Ion:149 Resp: 228320

Ion Ratio Lower Upper

149 100

91 58.6 62.2 93.2#

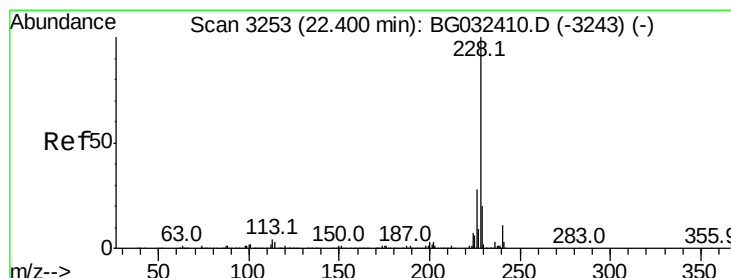
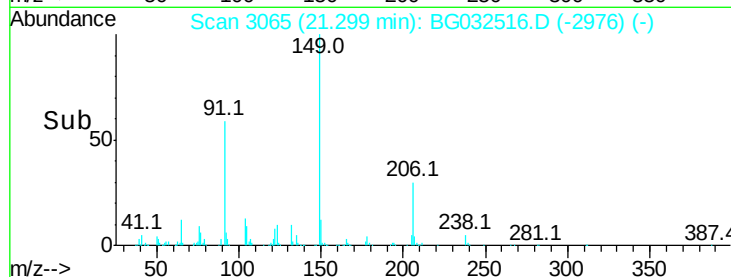
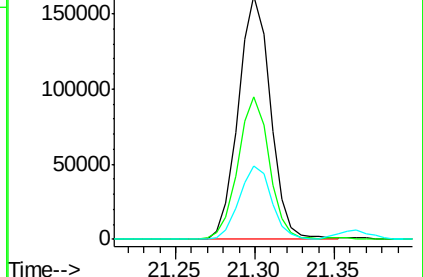
206 30.0 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.265 ng

RT: 22.39 min Scan# 3250

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

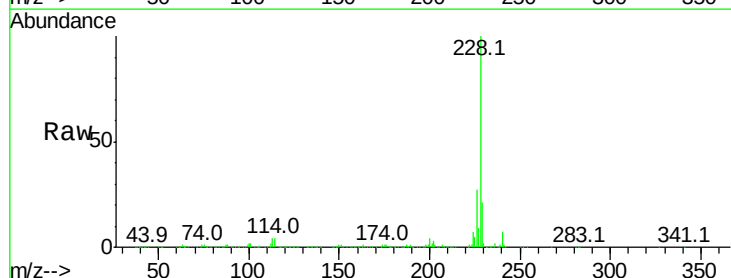
Tgt Ion:228 Resp: 728013

Ion Ratio Lower Upper

228 100

226 26.7 22.7 34.1

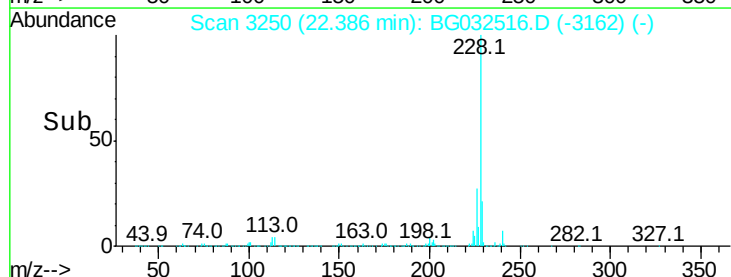
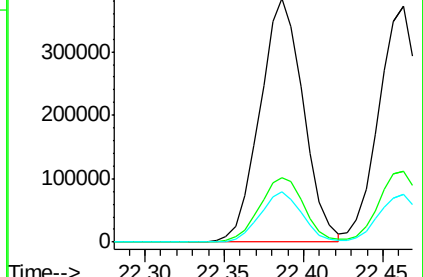
229 20.9 16.2 24.2

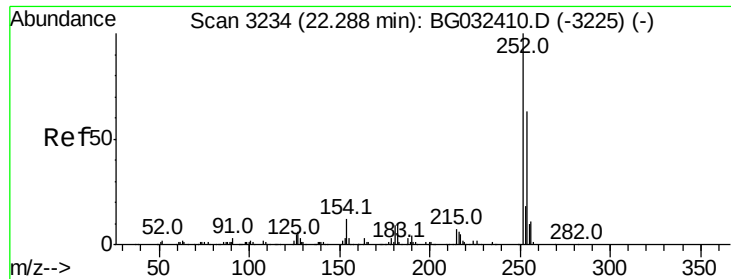


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

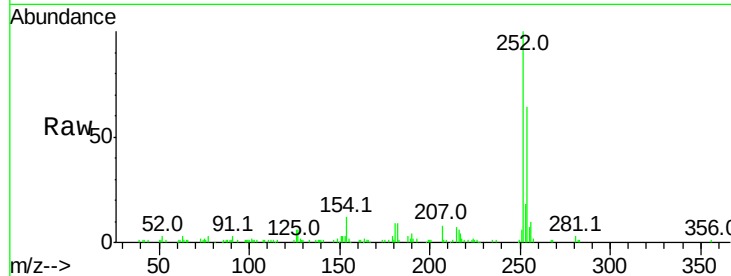




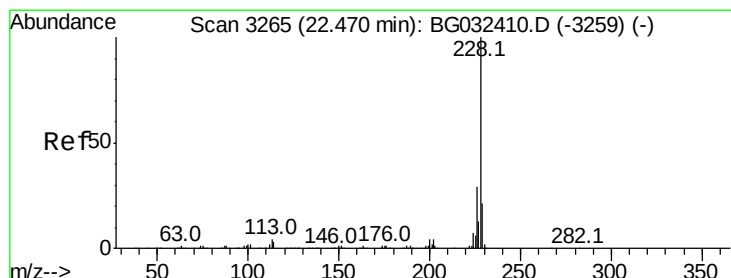
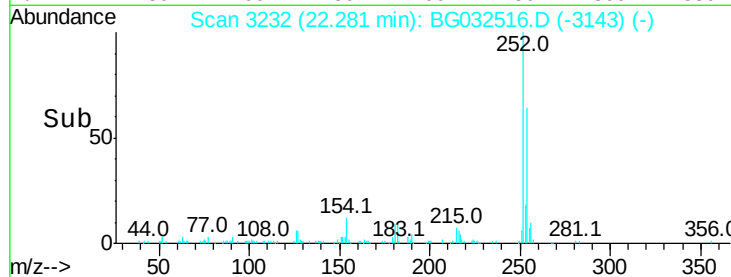
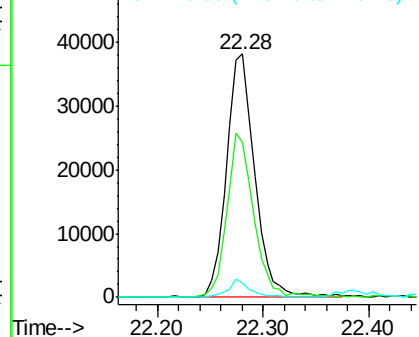
#81
 3,3'-Dichlorobenzidine
 Concen: 11.602 ng
 RT: 22.28 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.8	76.2
126	5.7	7.4	11.2#

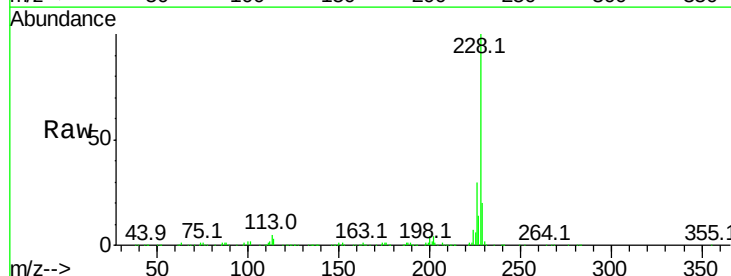


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

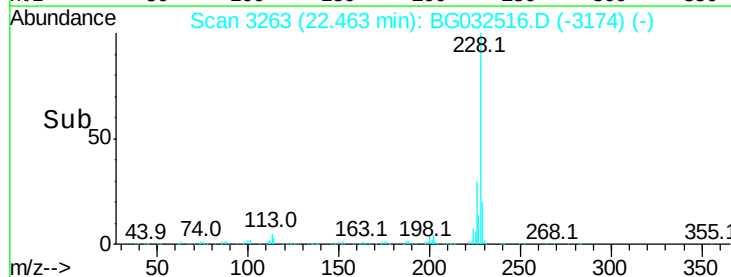
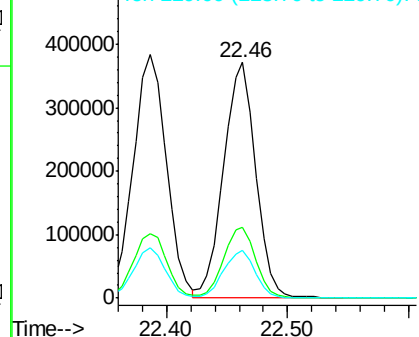


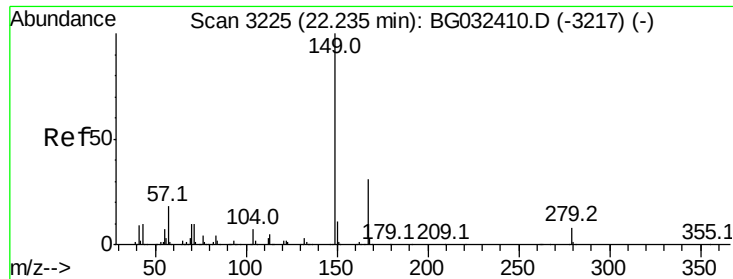
#82
 Chrysene
 Concen: 44.659 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.1	15.0	22.4



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

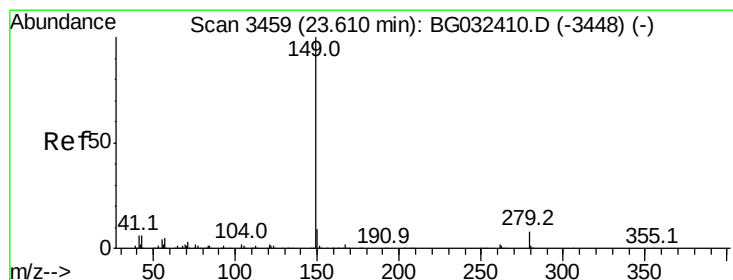
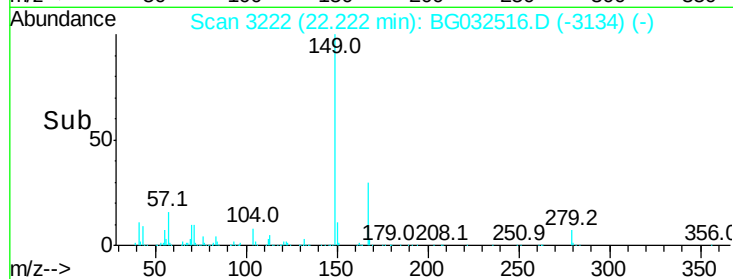
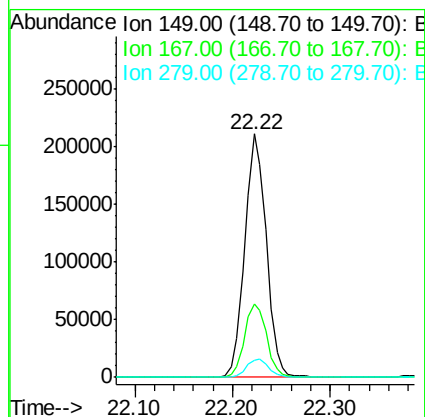
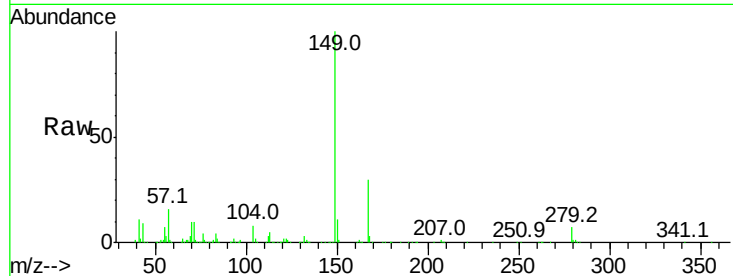




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.400 ng
 RT: 22.22 min Scan# 3222
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

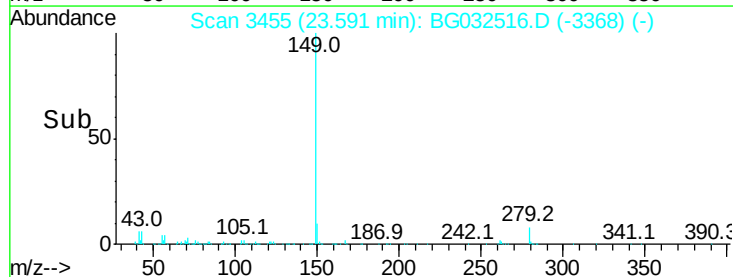
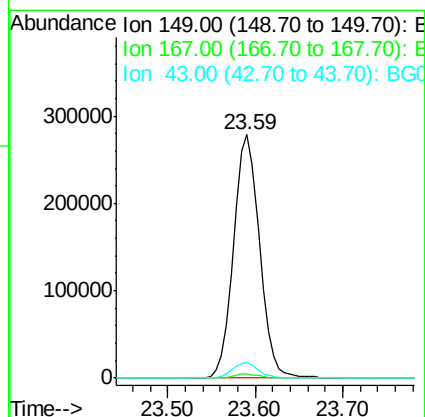
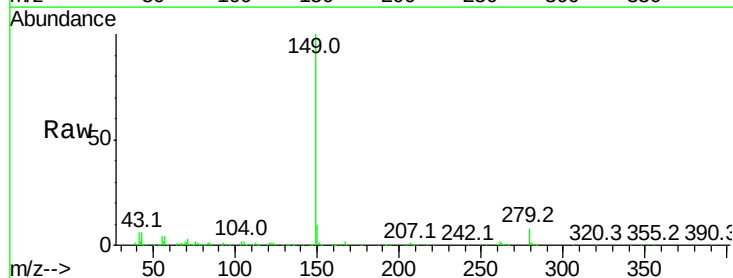
Instrument :
 BNA_G
 ClientSampleId :

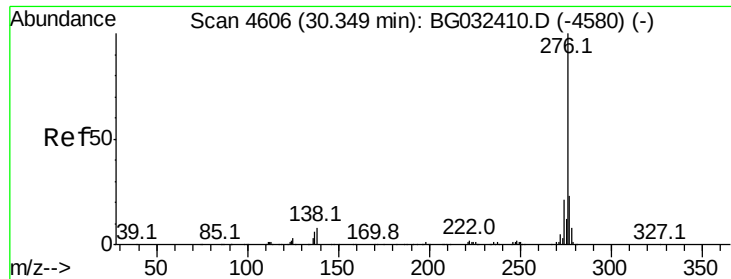
Tot Ion:149 Resp: 323070
 Ion Ratio Lower Upper
 149 100
 167 30.4 24.3 36.5
 279 7.1 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 50.454 ng
 RT: 23.59 min Scan# 3455
 Delta R.T. -0.02 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion:149 Resp: 557190
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 6.5 8.9 13.3#

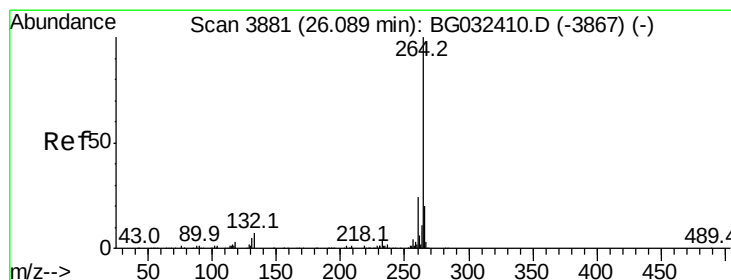
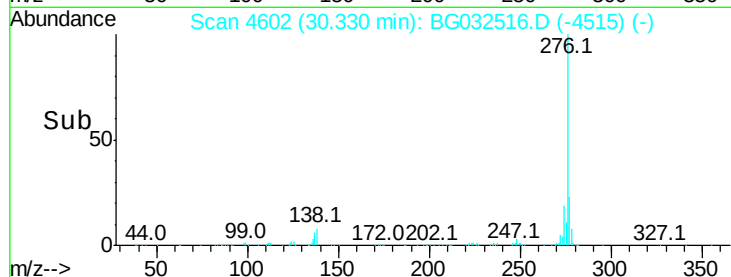
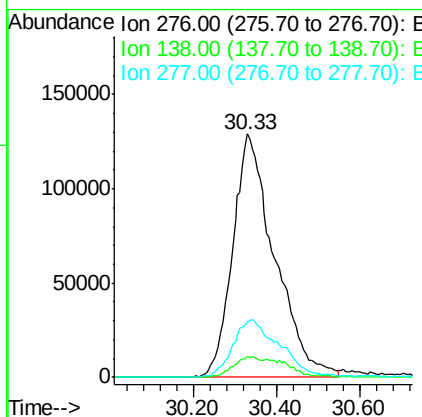
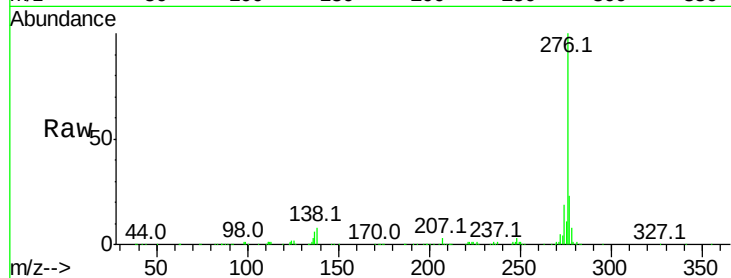




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.888 ng
 RT: 30.33 min Scan# 4602
 Delta R.T. -0.02 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

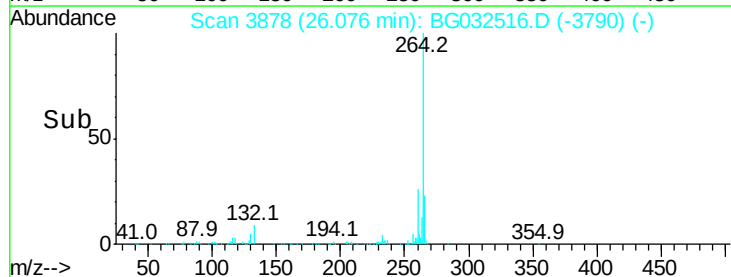
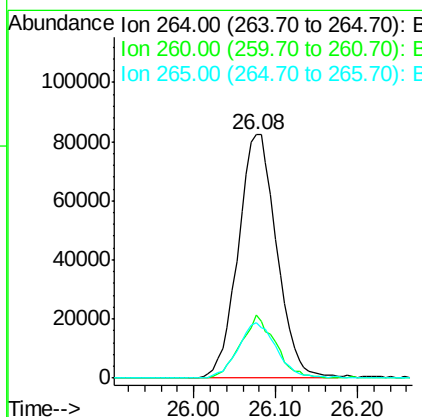
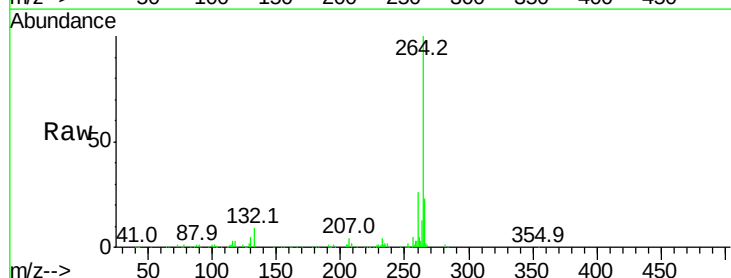
Instrument :
 BNA_G
 ClientSampleId :

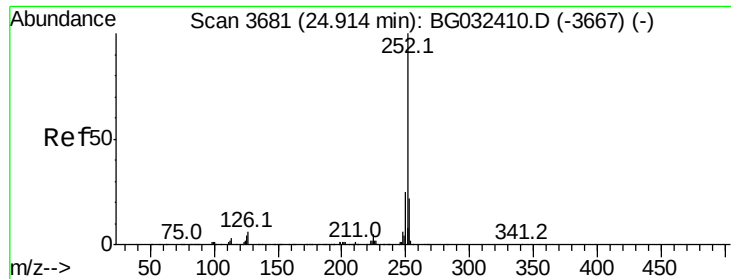
Tot Ion	Ratio	Lower	Upper
276	100		
138	5.5	16.0	24.0#
277	26.2	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3878
 Delta R.T. -0.01 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	17.4	26.0
265	22.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 48.016 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

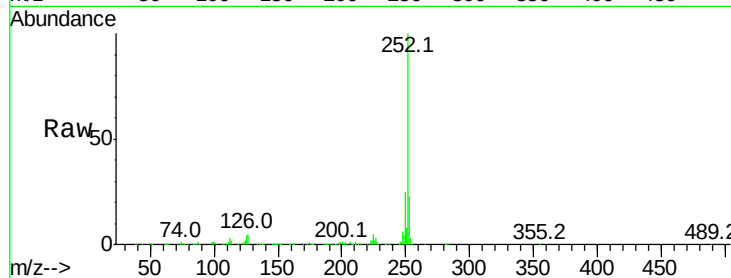
Tot Ion:252 Resp: 782760

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

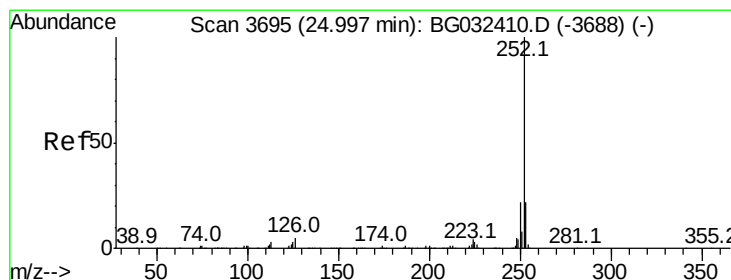
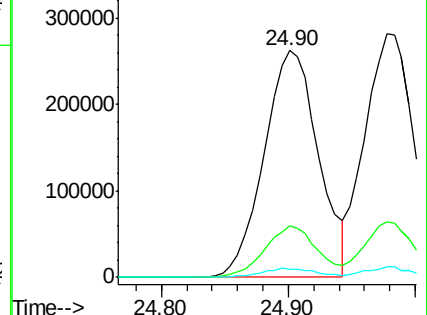
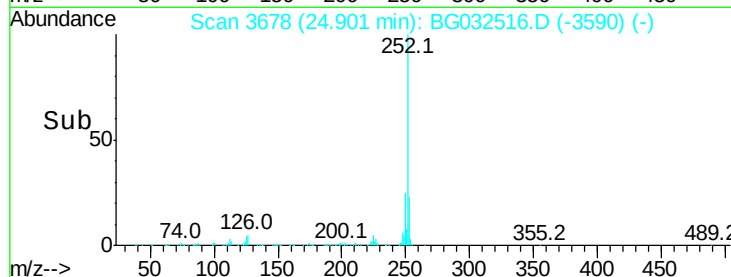
125 3.8 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.540 ng

RT: 24.98 min Scan# 3691

Delta R.T. -0.02 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

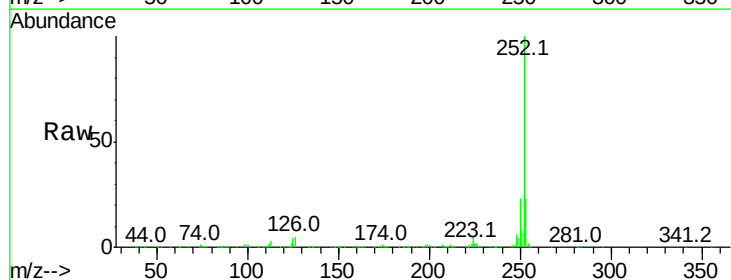
Tgt Ion:252 Resp: 767727

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

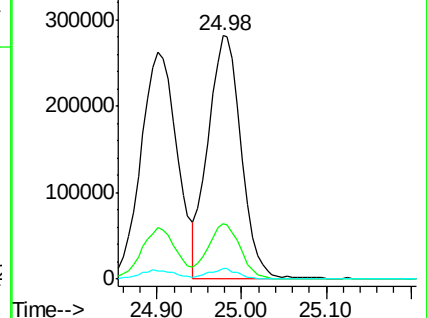
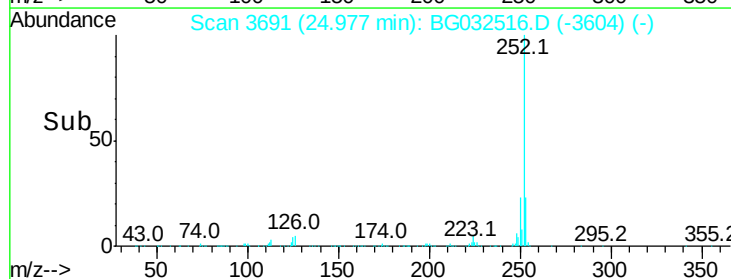
125 4.4 6.6 9.8#

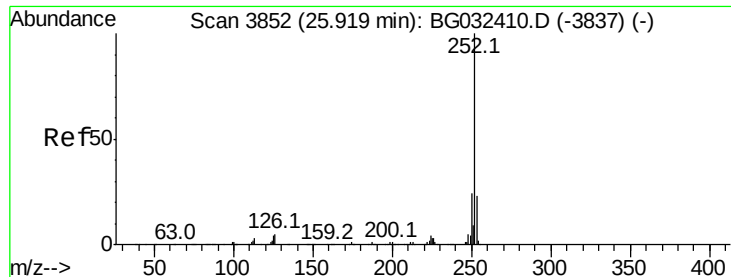


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.836 ng

RT: 25.91 min Scan# 3849

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

Instrument :

BNA_G

ClientSampleId :

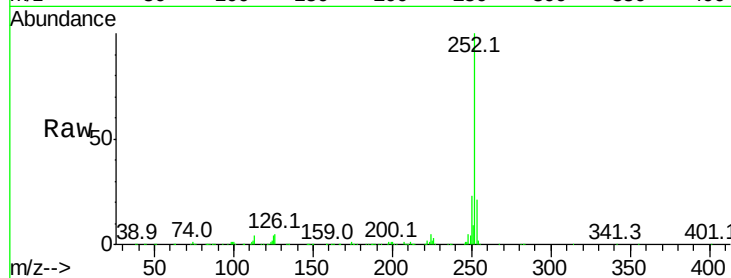
Tot Ion:252 Resp: 758996

Ion Ratio Lower Upper

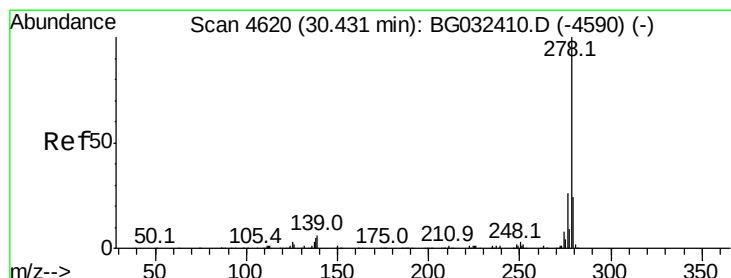
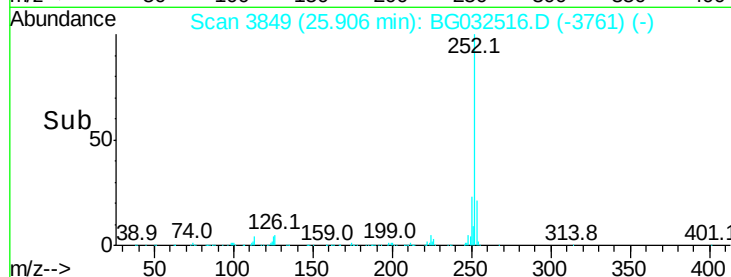
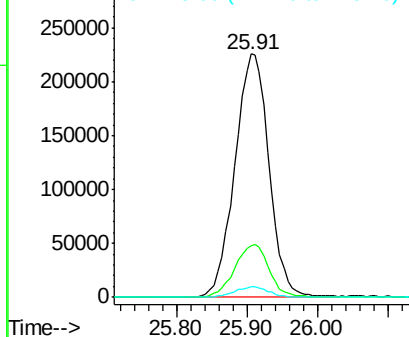
252 100

253 21.0 18.3 27.5

125 4.3 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: 47.226 ng

RT: 30.42 min Scan# 4617

Delta R.T. -0.01 min

Lab File: BG032516.D

Acq: 2 Feb 2018 17:38

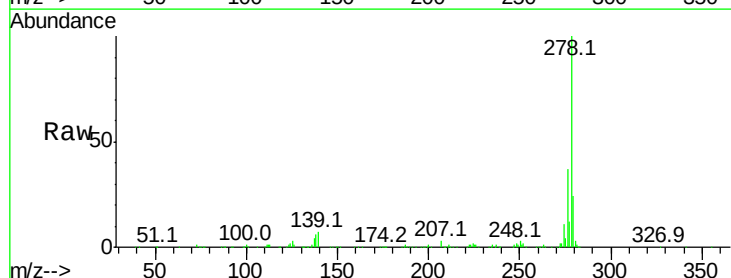
Tgt Ion:278 Resp: 750831

Ion Ratio Lower Upper

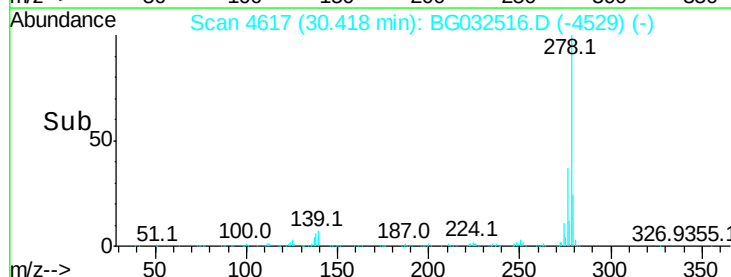
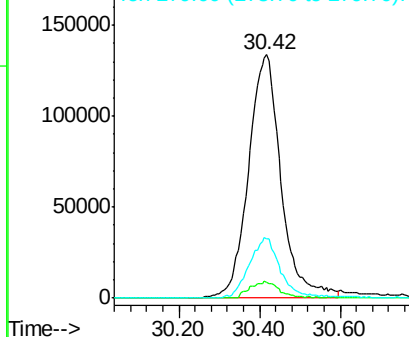
278 100

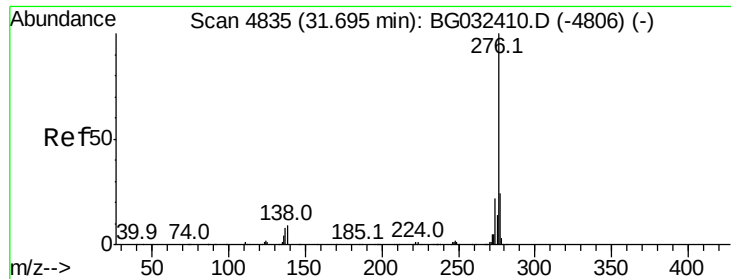
139 6.6 9.8 14.6#

279 24.3 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: 45.518 ng
 RT: 31.68 min Scan# 4831
 Delta R.T. -0.02 min
 Lab File: BG032516.D
 Acq: 2 Feb 2018 17:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 718306
 Ion Ratio Lower Upper
 276 100
 277 22.5 18.3 27.5
 138 8.5 13.9 20.9#

