

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032613.D
 Acq On : 8 Feb 2018 16:48
 Operator : SJ/JU
 Sample : J1404-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 09 02:34:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	32143	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	134502	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	99977	20.00	ng	-0.02
63) Phenanthrene-d10	18.07	188	272753	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	335372	20.00	ng	-0.01
86) Perylene-d12	26.07	264	366040	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	240086	150.03	ng	-0.02
7) Phenol-d6	7.81	99	282632	132.35	ng	-0.02
23) Nitrobenzene-d5	9.89	82	216386	100.49	ng	-0.02
41) 2,4,6-Tribromophenol	16.81	330	271493	142.66	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	755828	89.86	ng	-0.02
78) Terphenyl-d14	20.60	244	1540134	98.37	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.80	88	23259	43.20	ng	# 74
3) Pyridine	4.25	79	45991	31.63	ng	90
4) n-Nitrosodimethylamine	4.15	42	41452	54.77	ng	# 69
6) Aniline	7.98	93	38630	14.51	ng	97
8) 2-Chlorophenol	8.24	128	97173	51.37	ng	# 82
9) Benzaldehyde	7.79	77	23218	21.05	ng	92
10) Phenol	7.84	94	89611	44.19	ng	86
11) bis(2-Chloroethyl)ether	8.07	93	74271	48.07	ng	# 80
12) 1,3-Dichlorobenzene	8.56	146	113421	44.34	ng	96
13) 1,4-Dichlorobenzene	8.72	146	116245	45.34	ng	97
14) 1,2-Dichlorobenzene	9.05	146	111581	44.42	ng	97
15) Benzyl Alcohol	8.92	79	85314	48.47	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.21	45	75812	51.78	ng	67
17) 2-Methylphenol	9.12	107	74076	44.97	ng	# 93
18) Hexachloroethane	9.80	117	40179	46.67	ng	# 81
19) n-Nitroso-di-n-propylamine	9.50	70	66773	47.16	ng	# 93
20) 3+4-Methylphenols	9.46	107	102204	44.24	ng	94
22) Acetophenone	9.53	105	137195	43.51	ng	# 96
24) Nitrobenzene	9.93	77	101318	48.66	ng	95
25) Isophorone	10.45	82	192756	52.57	ng	# 84
26) 2-Nitrophenol	10.65	139	57436	45.63	ng	# 85
27) 2,4-Dimethylphenol	10.69	122	93689	51.86	ng	88
28) bis(2-Chloroethoxy)methane	10.93	93	104490	51.97	ng	# 94
29) 2,4-Dichlorophenol	11.20	162	122241	51.08	ng	88
30) 1,2,4-Trichlorobenzene	11.41	180	138017	43.27	ng	95
31) Naphthalene	11.61	128	341134	51.93	ng	98
32) Benzoic acid	10.82	122	54394	41.52	ng	# 74
33) 4-Chloroaniline	11.71	127	16711	5.70	ng	# 92
34) Hexachlorobutadiene	11.88	225	108031	43.53	ng	93
35) Caprolactam	12.47	113	28451	41.41	ng	# 52
36) 4-Chloro-3-methylphenol	12.80	107	119098	52.46	ng	# 89
37) 2-Methylnaphthalene	13.18	142	262570	47.58	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.54	216	209258	44.74	ng	96
40) Hexachlorocyclopentadiene	13.51	237	270733	92.64	ng	91

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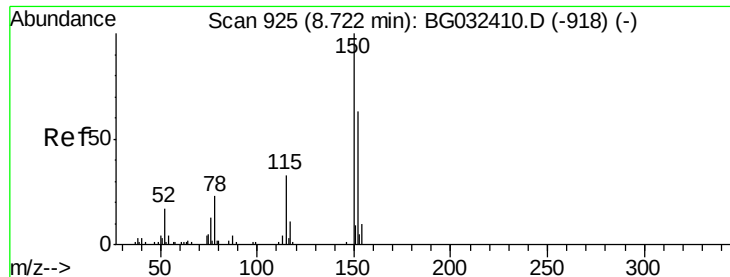
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 09 02:34:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.76	196	128919	50.67	nq	97
43) 2,4,5-Trichlorophenol	13.85	196	148095	49.93	nq #	92
45) 1,1'-Biphenyl	14.16	154	377528	44.70	nq	94
46) 2-Chloronaphthalene	14.21	162	296542	44.79	nq	97
47) 2-Nitroaniline	14.41	65	76757	52.43	nq #	82
48) Acenaphthylene	15.05	152	451150	45.08	nq	99
49) Dimethylphthalate	14.76	163	421412	45.71	nq	99
50) 2,6-Dinitrotoluene	14.89	165	93814	48.49	nq #	80
51) Acenaphthene	15.39	154	365276	52.63	nq	97
52) 3-Nitroaniline	15.22	138	18590	11.00	nq #	76
53) 2,4-Dinitrophenol	15.43	184	116689	95.77	nq #	54
54) Dibenzofuran	15.72	168	497783	48.45	nq	99
55) 4-Nitrophenol	15.52	139	112442	88.87	nq #	77
56) 2,4-Dinitrotoluene	15.67	165	140884	51.14	nq #	69
57) Fluorene	16.37	166	406926	47.67	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.94	232	163492	55.89	nq #	84
59) Diethylphthalate	16.10	149	423830	47.21	nq	95
60) 4-Chlorophenyl-phenylether	16.34	204	263577	48.96	nq	93
61) 4-Nitroaniline	16.39	138	66949	36.96	nq #	77
62) Azobenzene	16.64	77	274557	51.17	nq	85
64) 4,6-Dinitro-2-methylphenol	16.43	198	89671	44.01	nq #	67
65) n-Nitrosodiphenylamine	16.56	169	382855	47.03	nq	98
66) 4-Bromophenyl-phenylether	17.24	248	190819	47.22	nq	97
67) Hexachlorobenzene	17.37	284	193975	43.38	nq #	93
68) Atrazine	17.48	200	173833	49.75	nq	98
69) Pentachlorophenol	17.71	266	252098	89.99	nq	97
70) Phenanthrene	18.11	178	708948	46.61	nq	99
71) Anthracene	18.20	178	734500	48.50	nq	98
72) Carbazole	18.46	167	611691	45.71	nq	99
73) Di-n-butylphthalate	18.97	149	689676	46.55	nq	98
74) Fluoranthene	20.07	202	941113	47.18	nq	95
76) Benzidine	20.25	184	63625	9.66	nq	95
77) Pyrene	20.43	202	946625	46.02	nq	98
79) Butylbenzylphthalate	21.29	149	321532	49.56	nq #	78
80) Benzo(a)anthracene	22.38	228	1005021	48.34	nq	98
81) 3,3'-Dichlorobenzidine	22.27	252	180751	22.44	nq #	96
82) Chrysene	22.45	228	967456	48.18	nq	98
83) Bis(2-ethylhexyl)phthalate	22.22	149	450733	48.99	nq #	97
84) Di-n-octyl phthalate	23.58	149	783794	53.72	nq #	90
85) Indeno(1,2,3-cd)pyrene	30.33	276	1226376	48.28	nq #	85
87) Benzo(b)fluoranthene	24.89	252	1045951	47.29	nq #	95
88) Benzo(k)fluoranthene	24.97	252	1073713	49.01	nq #	96
89) Benzo(a)pyrene	25.90	252	1037020	49.18	nq #	95
90) Dibenzo(a,h)anthracene	30.40	278	1018024	47.20	nq #	91
91) Benzo(g,h,i)perylene	31.67	276	1020407	47.66	nq #	90

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

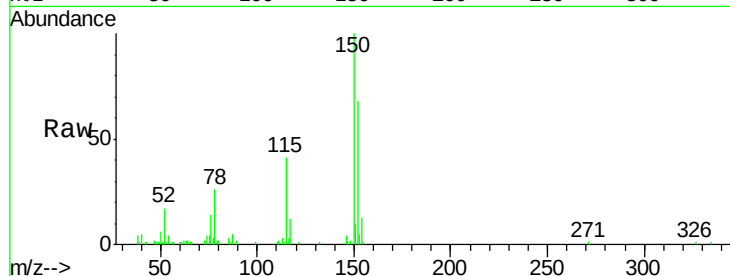


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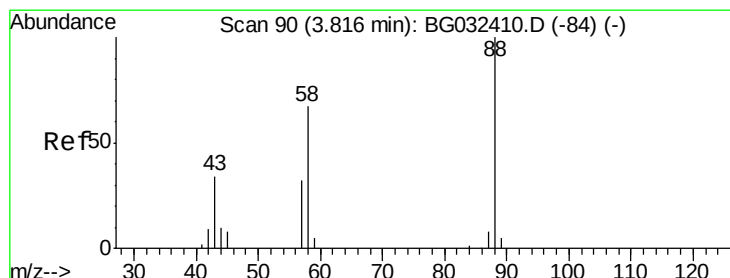
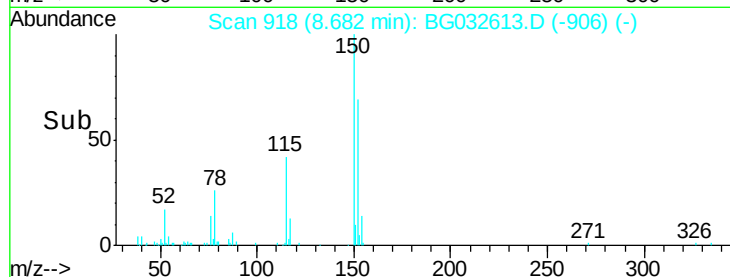
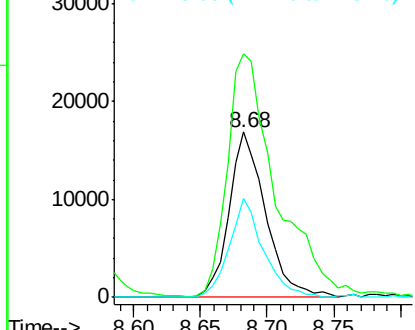
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32143
Ion Ratio Lower Upper
152 100
150 147.2 126.6 189.8
115 60.1 53.0 79.4



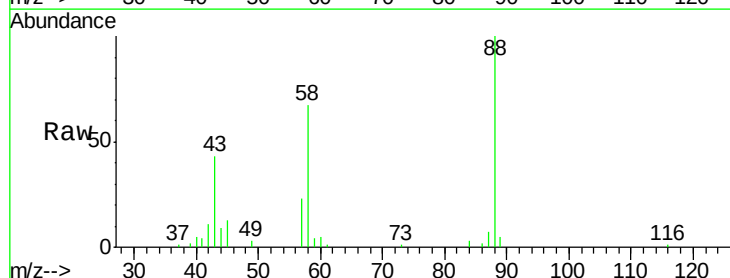
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



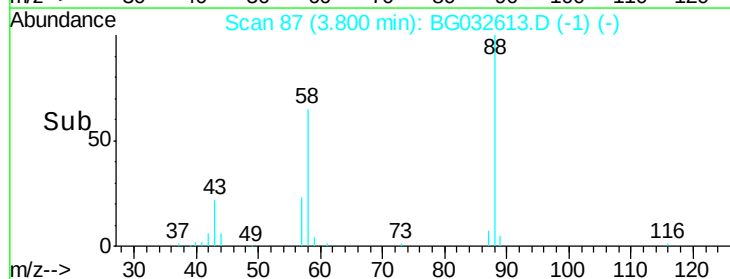
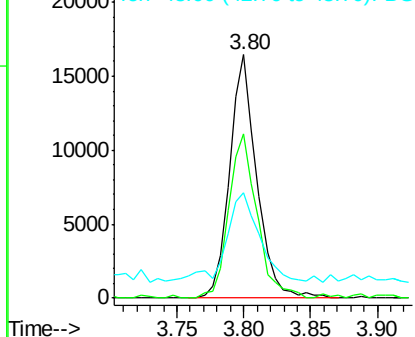
#2

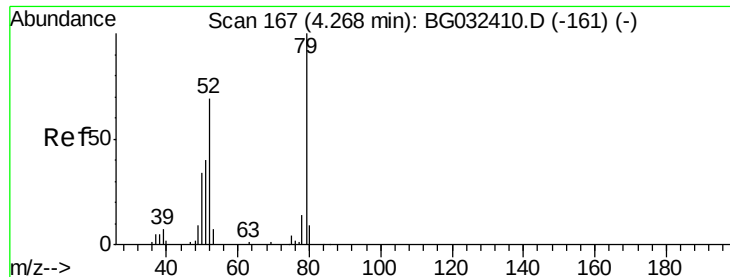
1,4-Dioxane
Concen: 43.20 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion: 88 Resp: 23259
Ion Ratio Lower Upper
88 100
58 70.3 79.6 119.4#
43 43.6 27.4 41.0#



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





#3

Pvridine

Concen: 31.63 ng

RT: 4.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

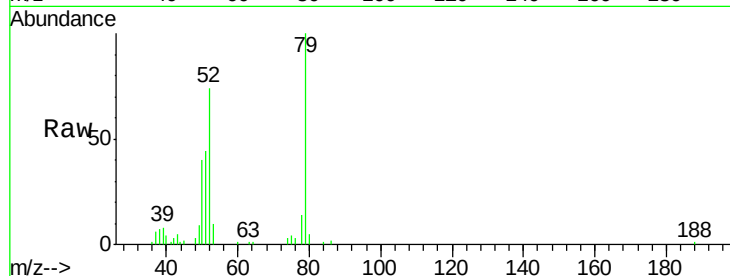
Tot Ion: 79 Resp: 45991

Ion Ratio Lower Upper

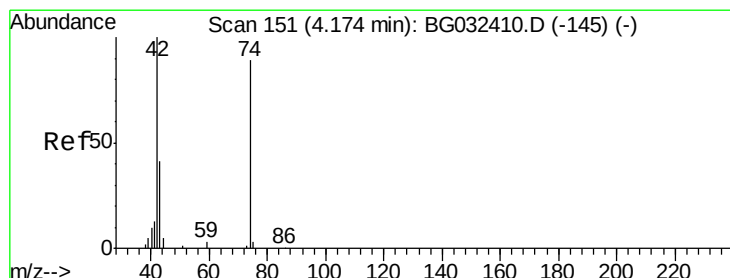
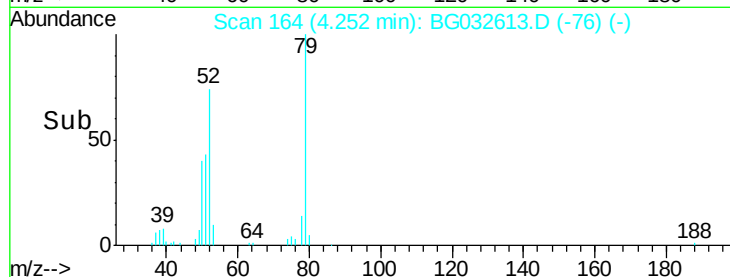
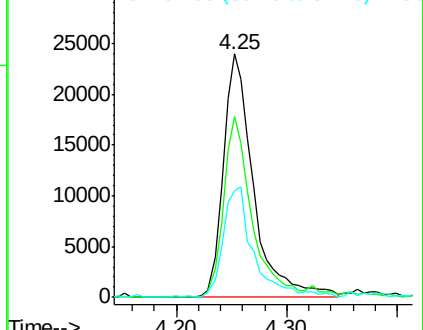
79 100

52 74.1 69.9 104.9

51 44.0 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 54.77 ng

RT: 4.15 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

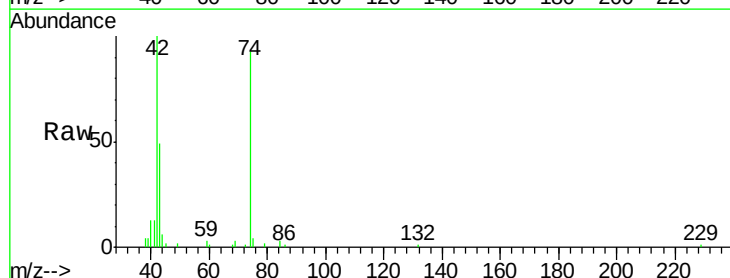
Tgt Ion: 42 Resp: 41452

Ion Ratio Lower Upper

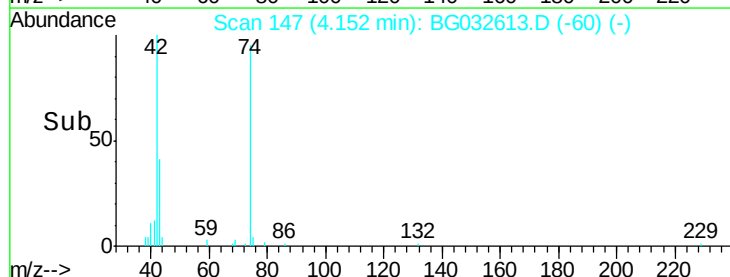
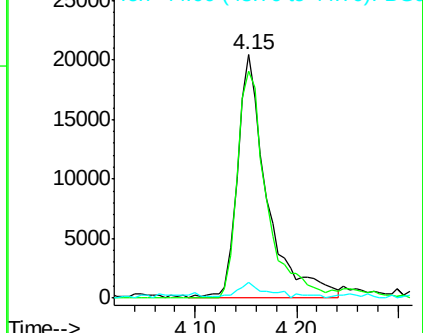
42 100

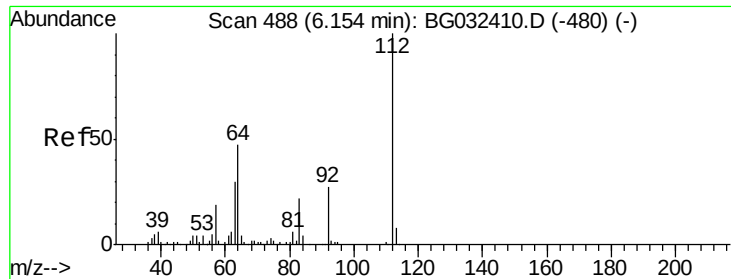
74 93.4 102.5 153.7#

44 6.3 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 150.03 ng

RT: 6.13 min Scan# 483

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

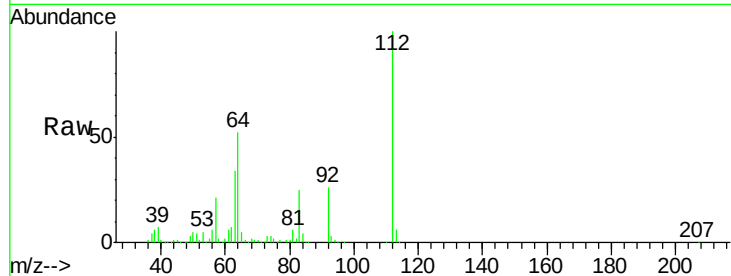
Tot Ion:112 Resp: 240086

Ion Ratio Lower Upper

112 100

64 52.0 56.3 84.5#

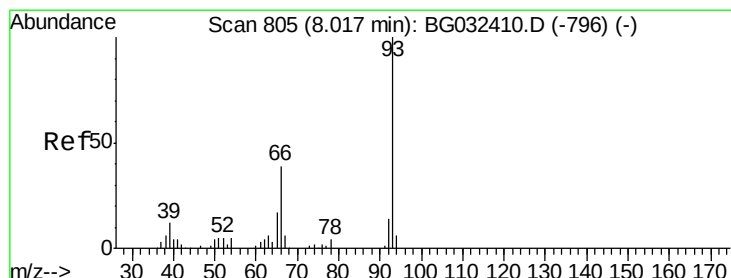
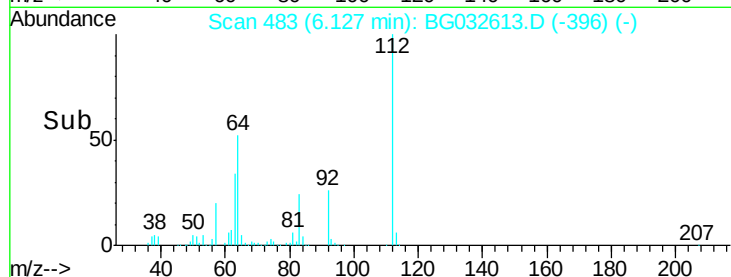
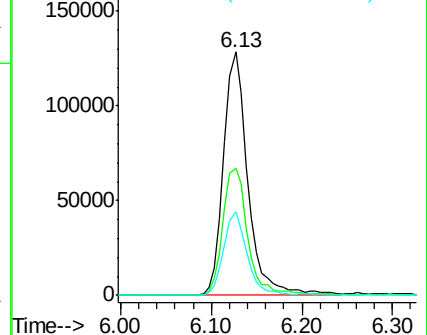
63 34.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 14.51 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

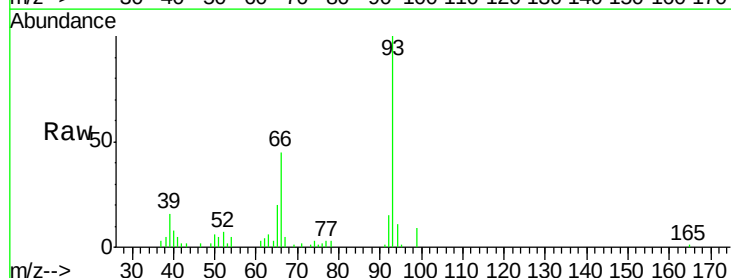
Tgt Ion: 93 Resp: 38630

Ion Ratio Lower Upper

93 100

66 45.1 33.7 50.5

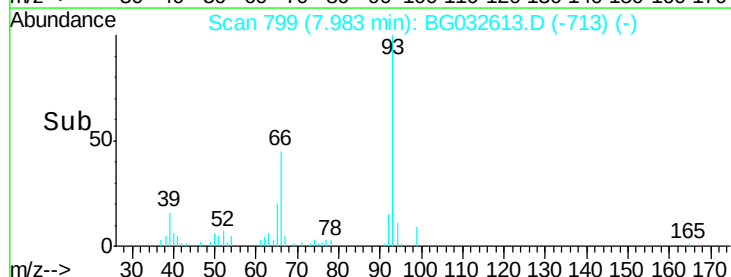
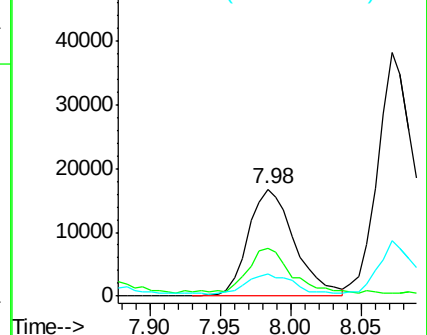
65 20.5 16.1 24.1

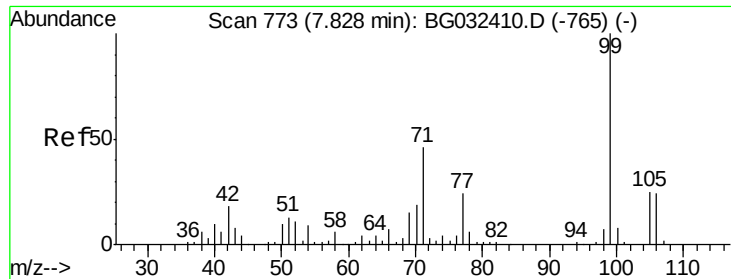


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 132.35 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

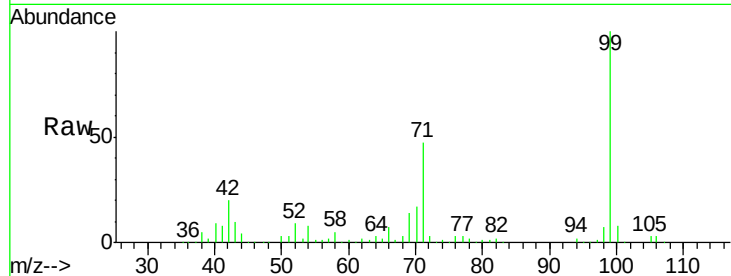
Tot Ion: 99 Resp: 282632

Ion Ratio Lower Upper

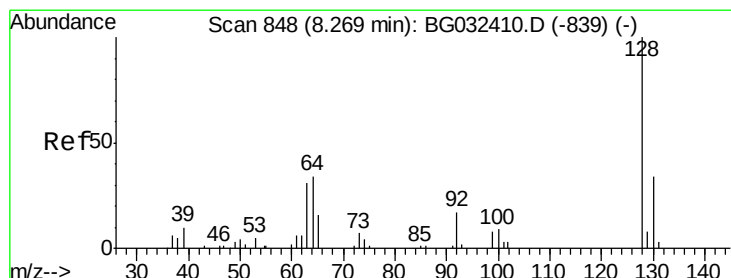
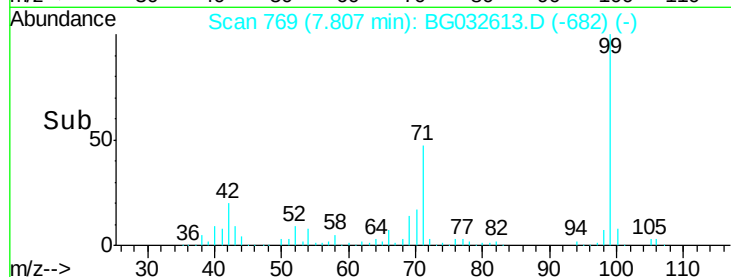
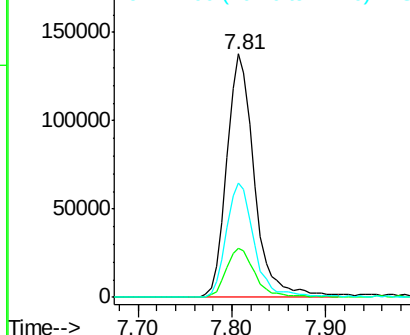
99 100

42 20.2 14.1 21.1

71 46.8 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: 51.37 ng

RT: 8.24 min Scan# 842

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

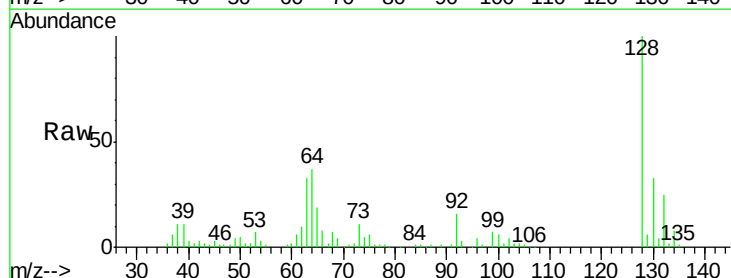
Tgt Ion:128 Resp: 97173

Ion Ratio Lower Upper

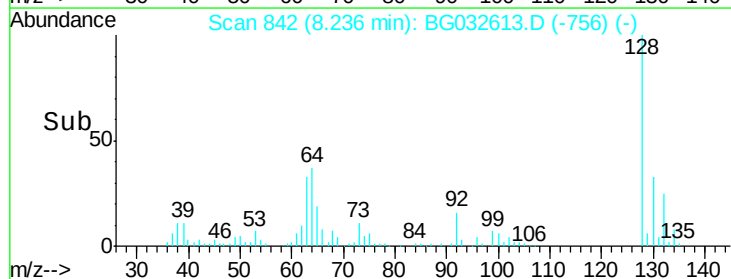
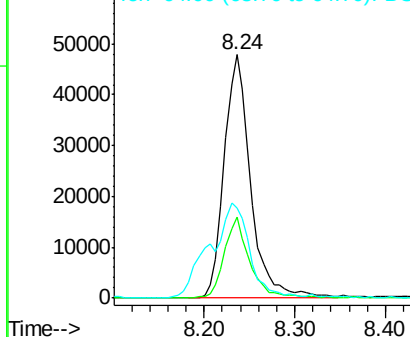
128 100

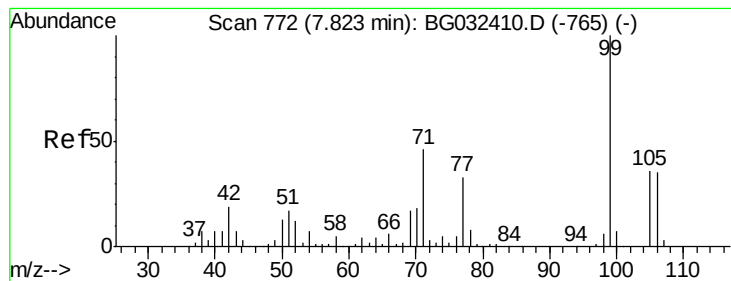
130 33.2 14.0 54.0

64 37.1 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: 21.05 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

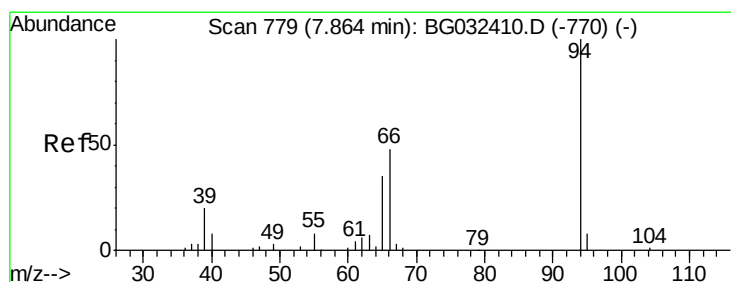
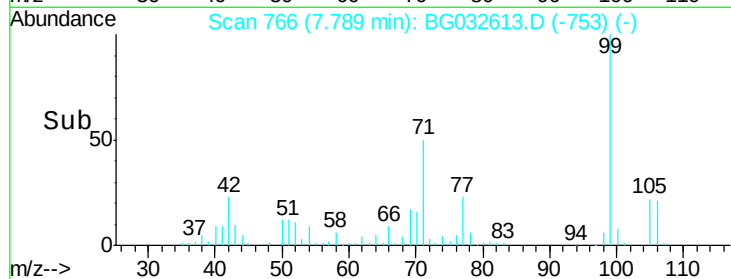
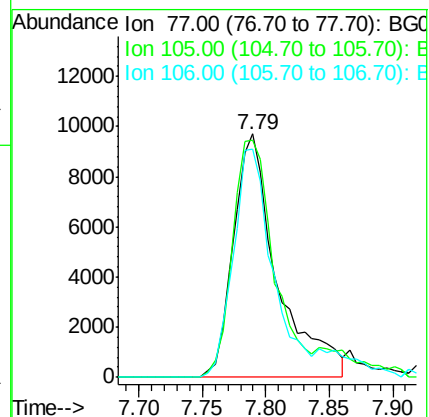
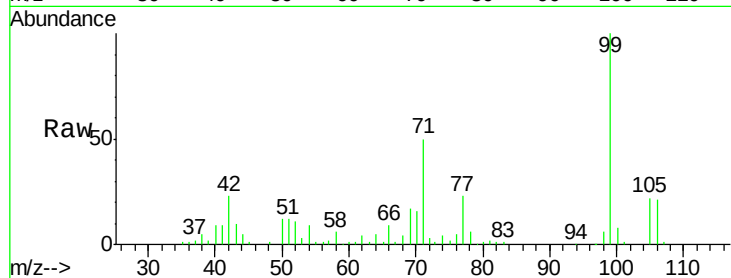
Tot Ion: 77 Resp: 23218

Ion Ratio Lower Upper

77 100

105 97.4 71.3 111.3

106 93.6 64.2 104.2



#10

Phenol

Concen: 44.19 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

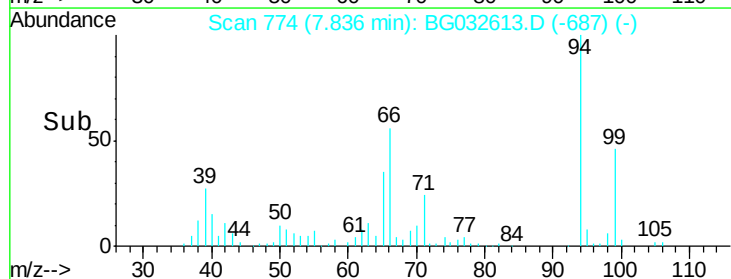
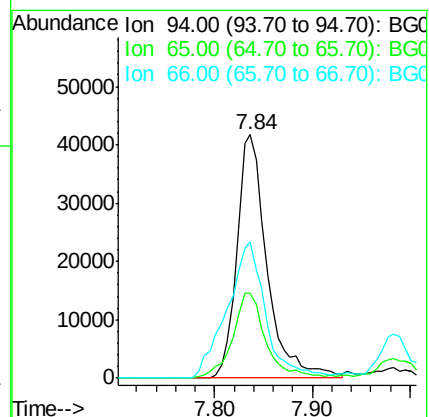
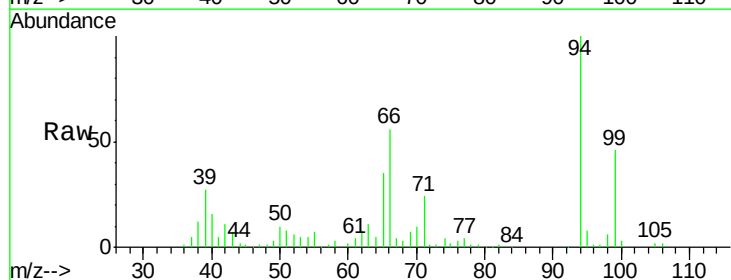
Tgt Ion: 94 Resp: 89611

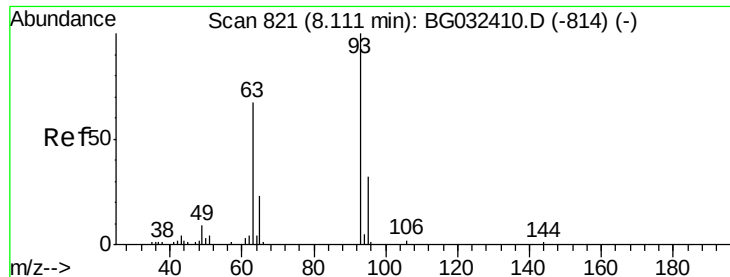
Ion Ratio Lower Upper

94 100

65 34.7 11.9 51.9

66 55.7 22.2 62.2

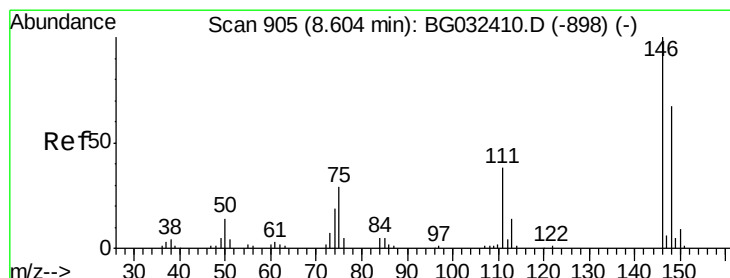
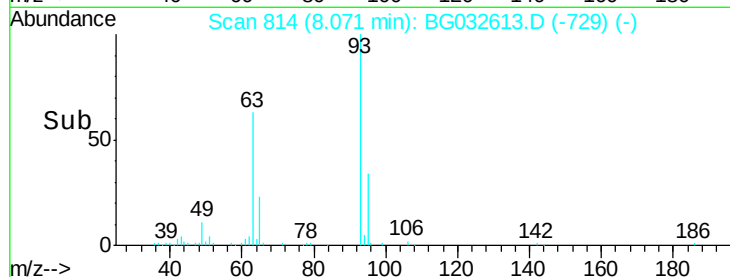
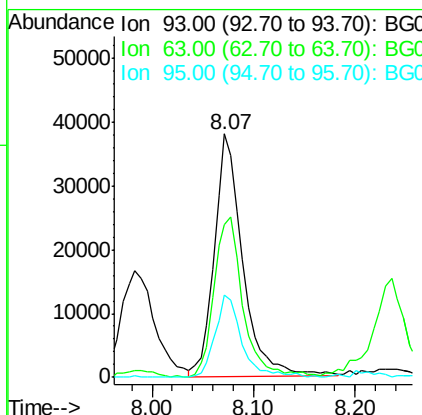
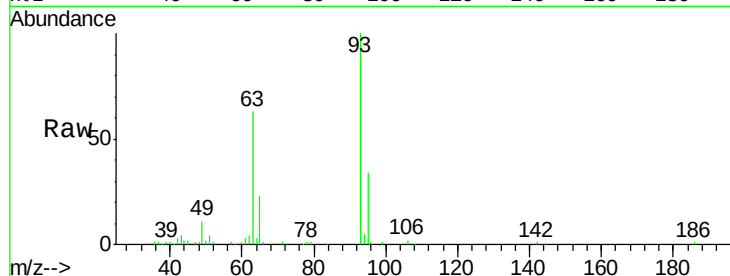




#11
 bis(2-Chloroethyl)ether
 Concen: 48.07 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.03 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

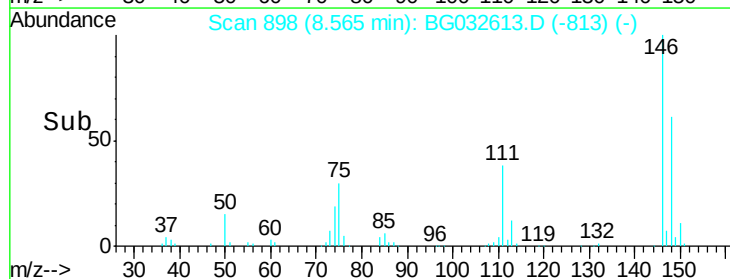
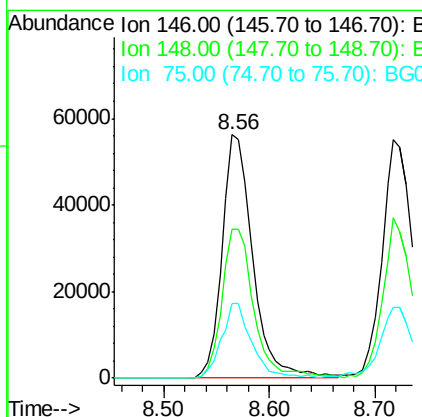
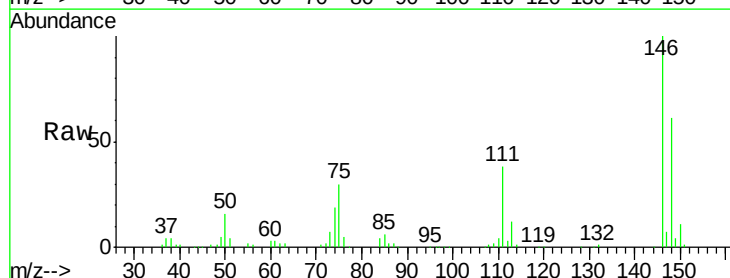
Instrument :
 BNA_G
 ClientSampleId :

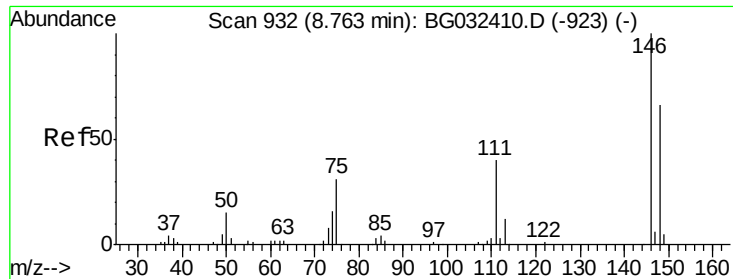
Tot Ion: 93 Resp: 74271
 Ion Ratio Lower Upper
 93 100
 63 62.8 67.1 107.1#
 95 33.8 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 44.34 ng
 RT: 8.56 min Scan# 898
 Delta R.T. -0.03 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion: 146 Resp: 113421
 Ion Ratio Lower Upper
 146 100
 148 61.0 51.4 77.2
 75 30.4 26.6 39.8

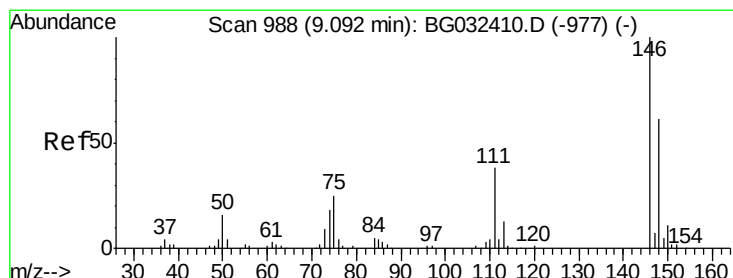
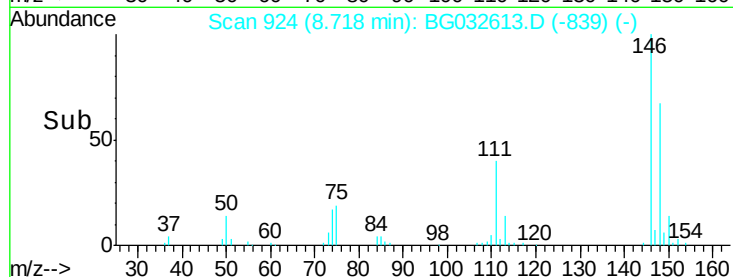
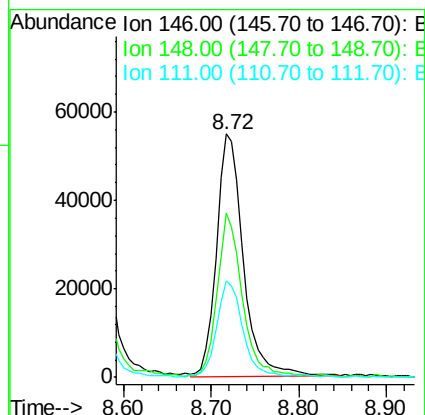
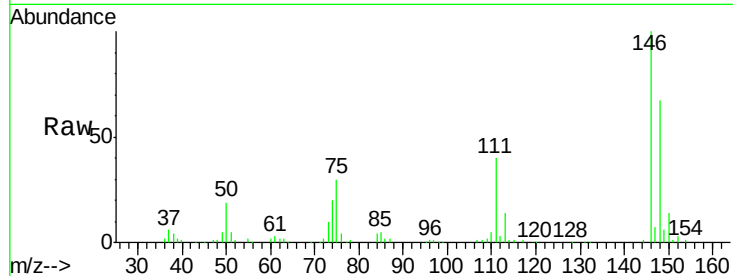




#13
 1,4-Dichlorobenzene
 Concen: 45.34 ng
 RT: 8.72 min Scan# 924
 Delta R.T. -0.03 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

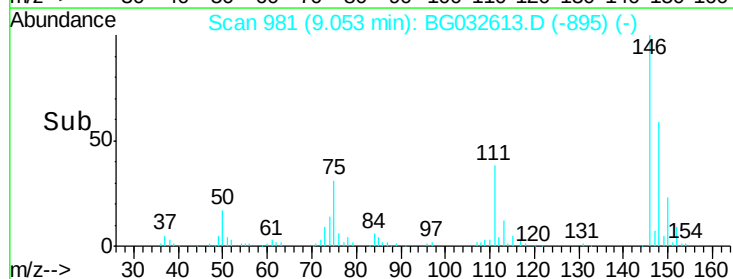
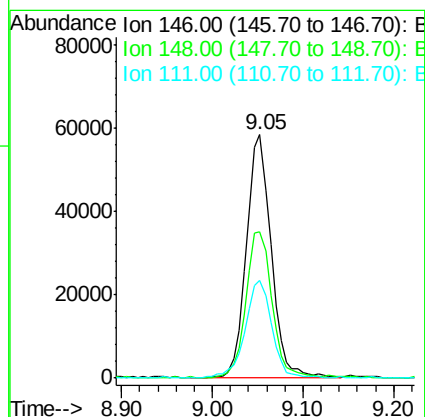
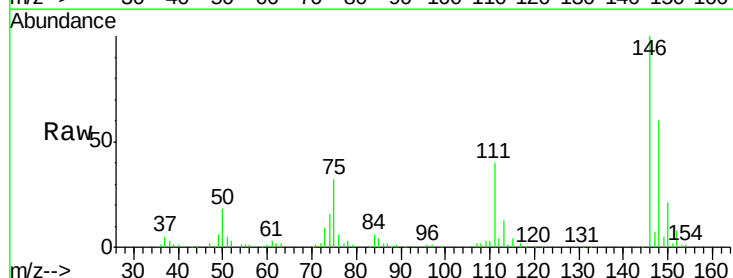
Instrument :
 BNA_G
 ClientSampleId :

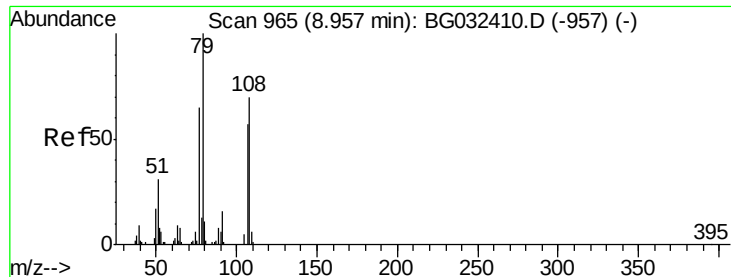
Tot Ion:146 Resp: 116245
 Ion Ratio Lower Upper
 146 100
 148 67.3 53.7 80.5
 111 39.7 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 44.42 ng
 RT: 9.05 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion:146 Resp: 111581
 Ion Ratio Lower Upper
 146 100
 148 60.3 49.3 73.9
 111 39.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 48.47 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampled :

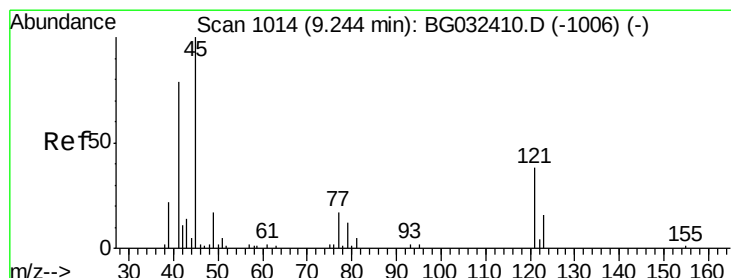
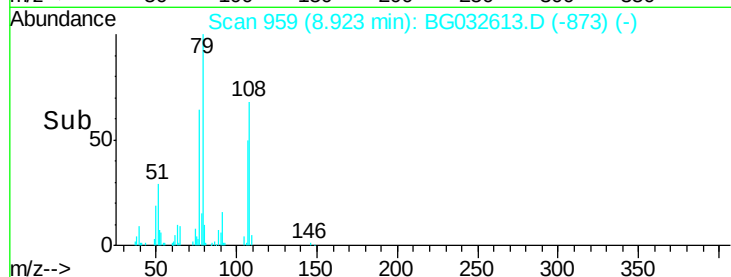
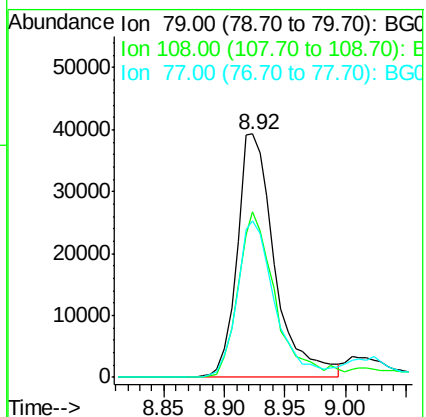
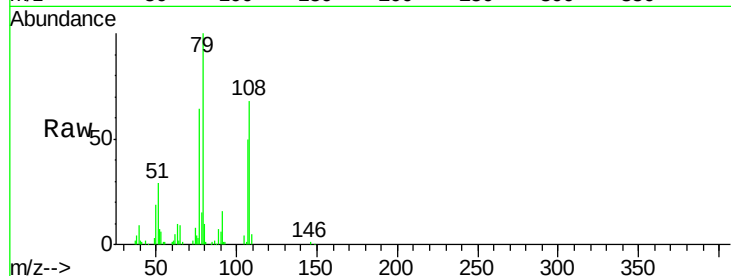
Tot Ion: 79 Resp: 85314

Ion Ratio Lower Upper

79 100

108 67.8 57.2 85.8

77 64.1 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.78 ng

RT: 9.21 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

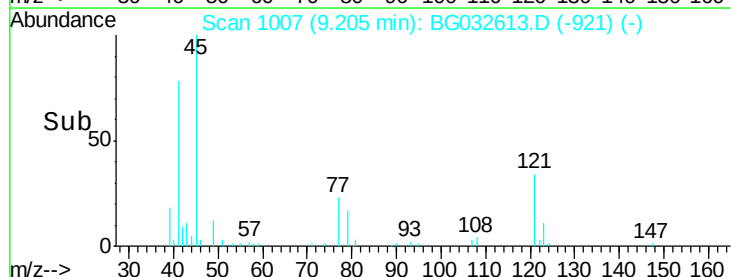
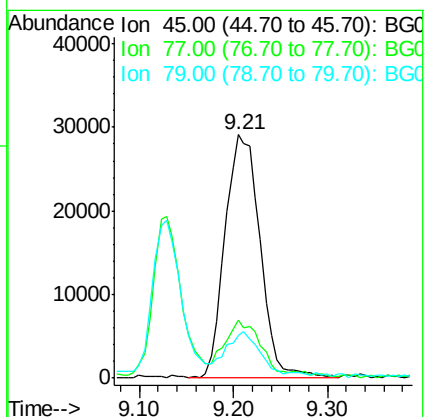
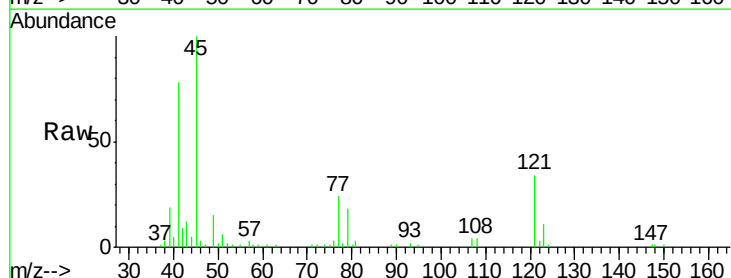
Tgt Ion: 45 Resp: 75812

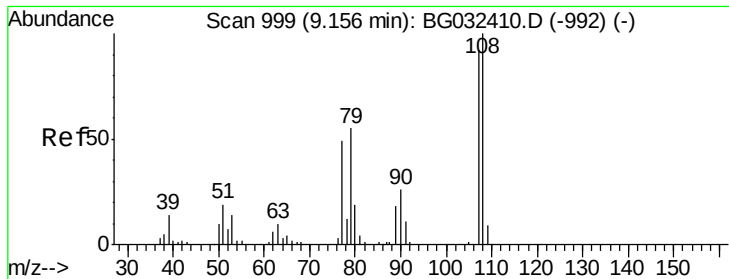
Ion Ratio Lower Upper

45 100

77 24.0 0.0 30.2

79 17.7 0.0 27.9





#17

2-Methylphenol

Concen: 44.97 ng

RT: 9.12 min Scan# 993

Delta R.T. -0.03 min

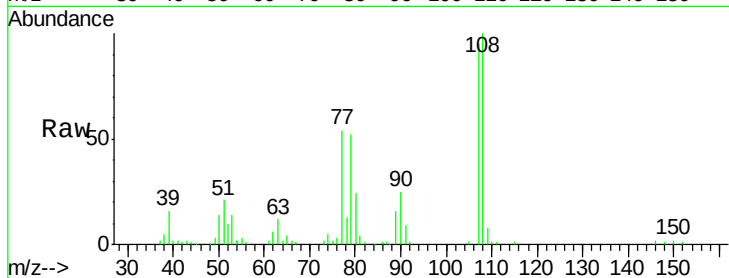
Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampled :



Tot Ion:107 Resp: 74076

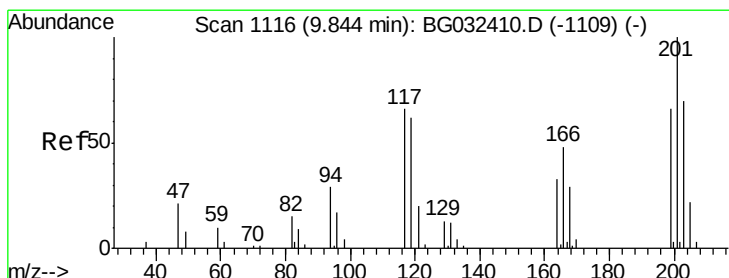
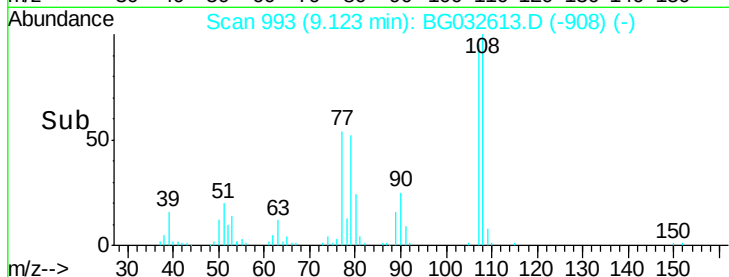
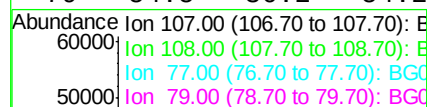
Ion Ratio Lower Upper

107 100

108 104.9 83.9 125.9

77 57.0 37.2 55.8#

79 54.5 36.2 54.2#



#18

Hexachloroethane

Concen: 46.67 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.03 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

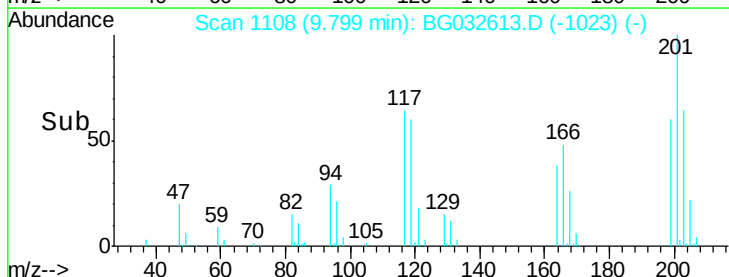
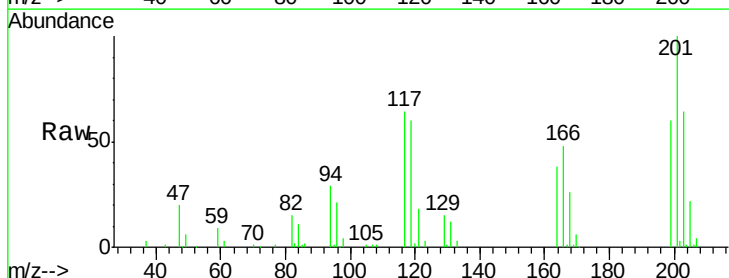
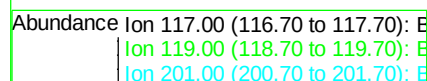
Tgt Ion:117 Resp: 40179

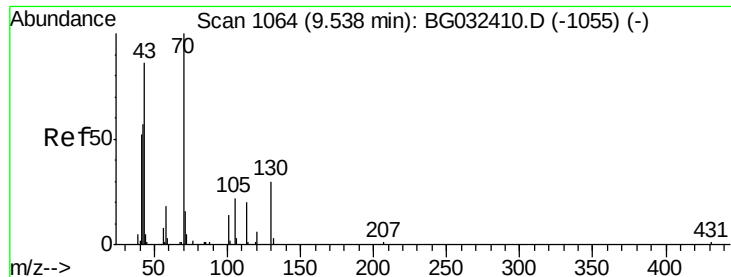
Ion Ratio Lower Upper

117 100

119 94.3 76.7 115.1

201 156.6 95.7 143.5#

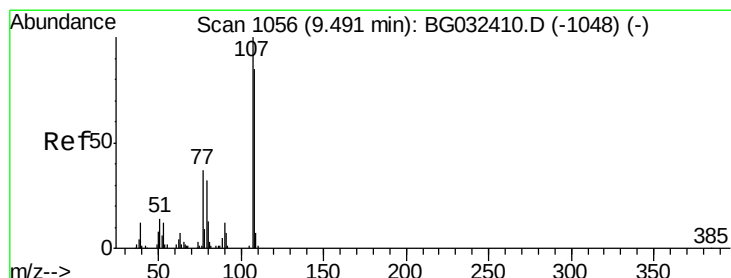
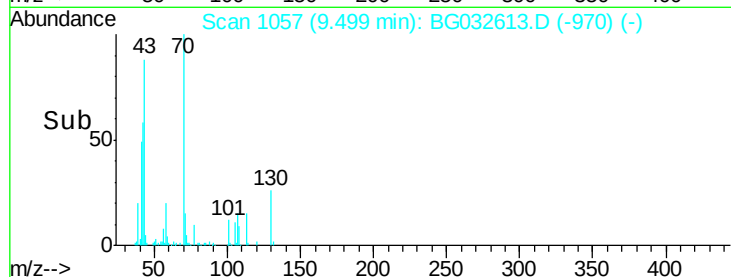
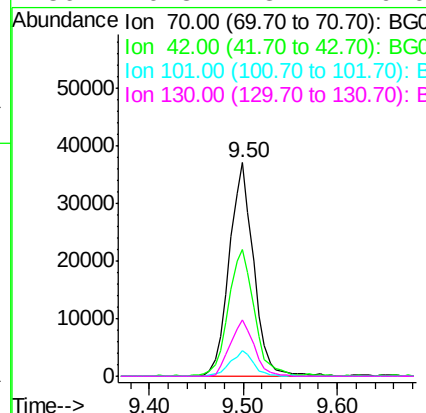
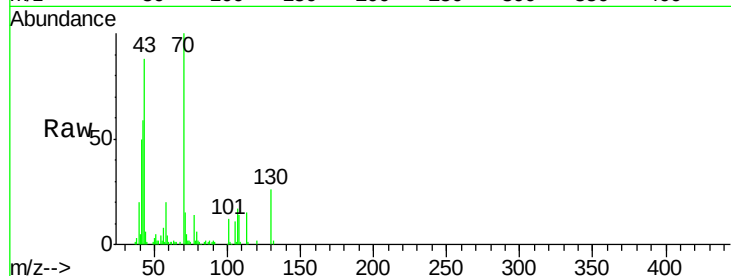




#19
n-Nitroso-di-n-propylamine
Concen: 47.16 ng
RT: 9.50 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

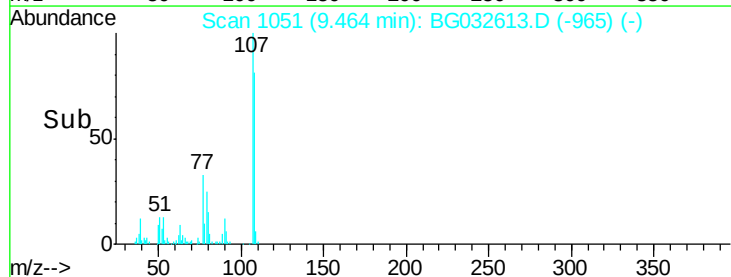
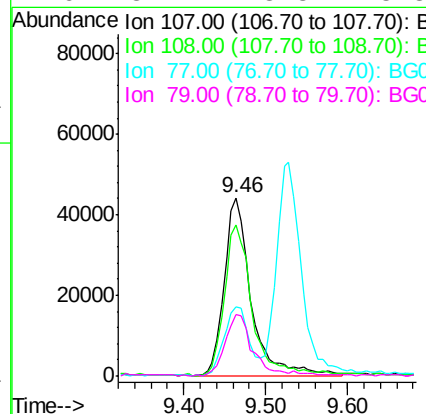
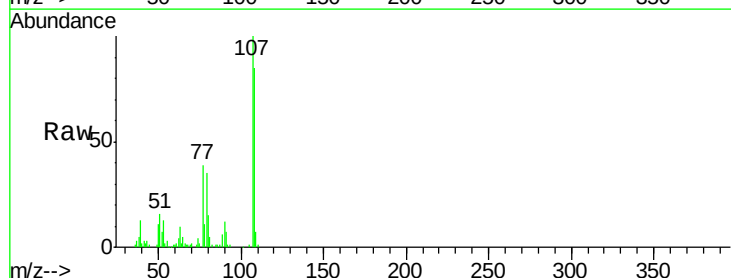
Instrument :
BNA_G
ClientSampleId :

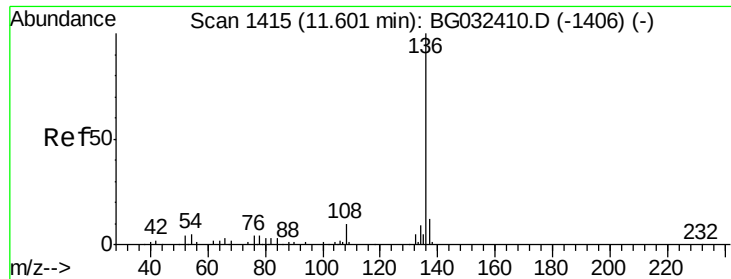
Tot Ion: 70 Resp: 66773
Ion Ratio Lower Upper
70 100
42 59.2 49.1 73.7
101 12.1 8.5 12.7
130 26.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 44.24 ng
RT: 9.46 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion: 107 Resp: 102204
Ion Ratio Lower Upper
107 100
108 84.7 61.6 101.6
77 39.1 13.9 53.9
79 34.7 8.8 48.8

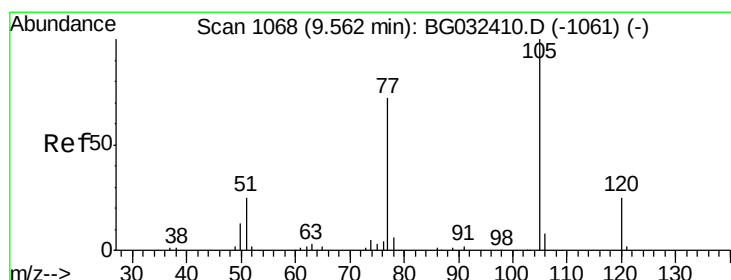
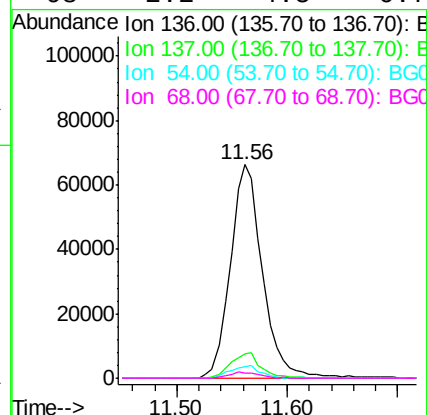
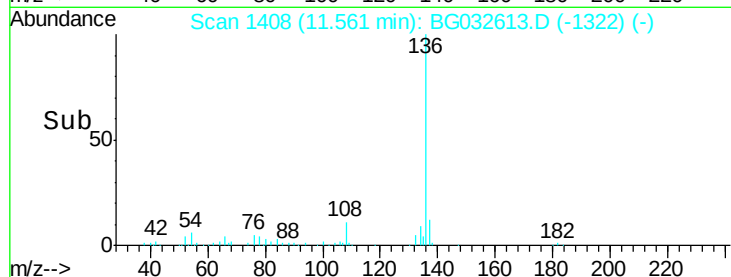
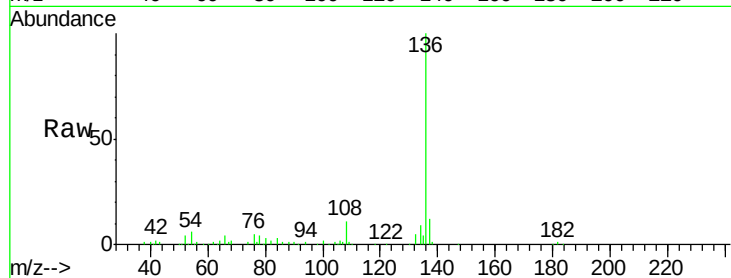




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

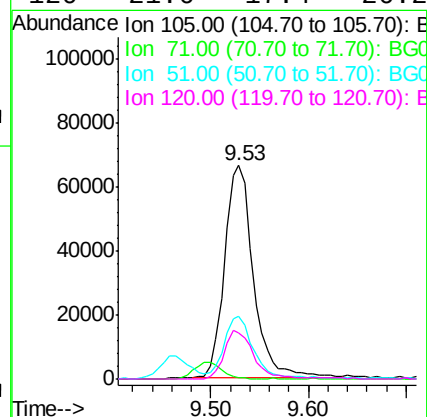
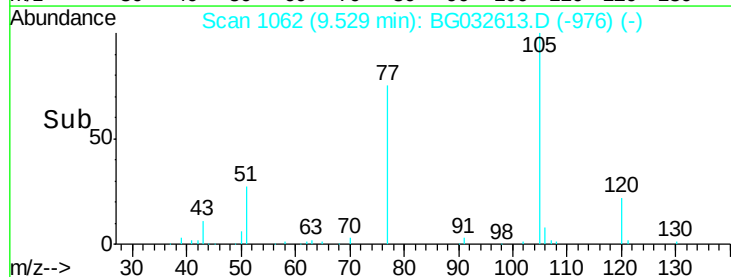
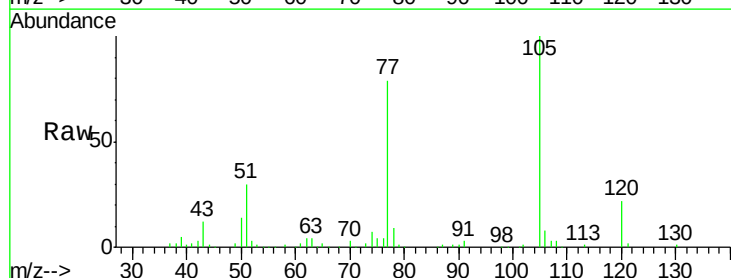
Instrument :
BNA_G
ClientSampleId :

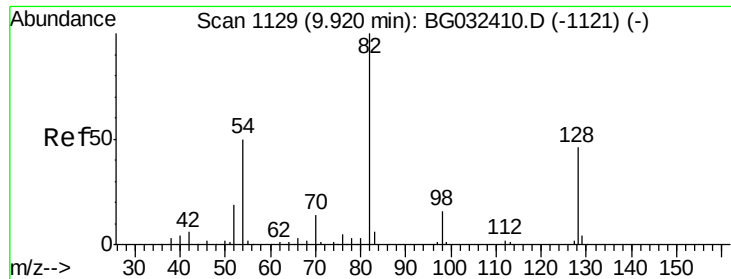
Tot Ion:136	Resp:	134502
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	5.6	10.3 15.5#
68	2.2	4.5 6.7#



#22
Acetophenone
Concen: 43.51 ng
RT: 9.53 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion:105	Resp:	137195
Ion Ratio	Lower	Upper
105	100	
71	0.5	3.0 4.4#
51	29.6	26.1 39.1
120	21.6	17.4 26.2

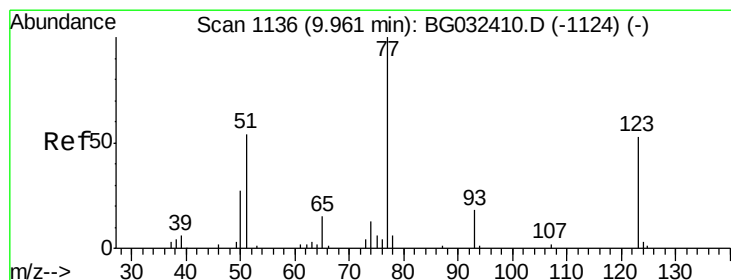
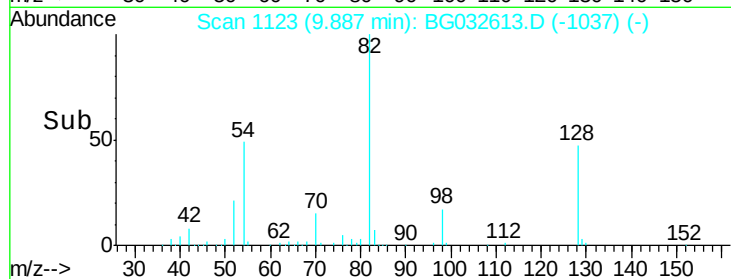
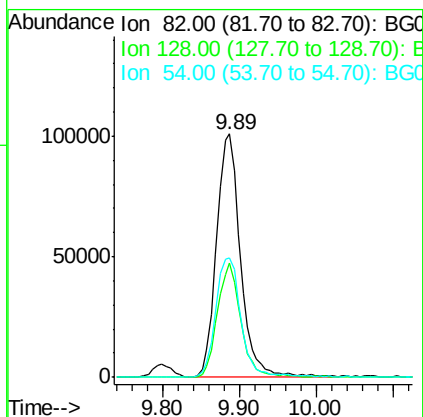
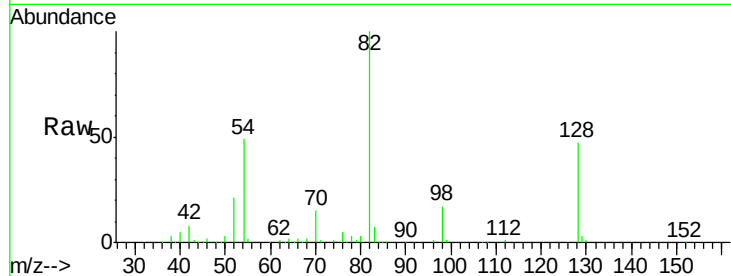




#23
Nitrobenzene-d5
Concen: 100.49 ng
RT: 9.89 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

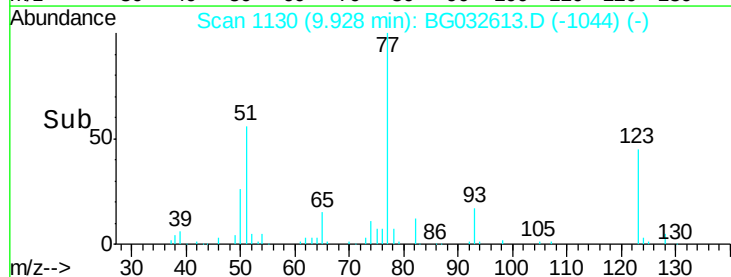
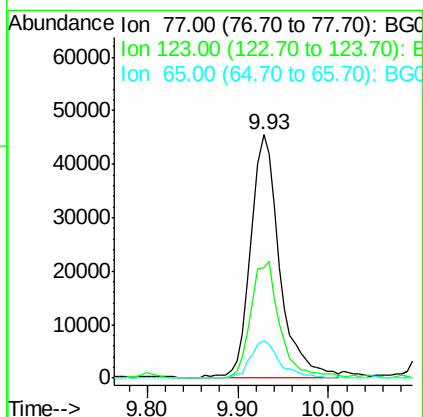
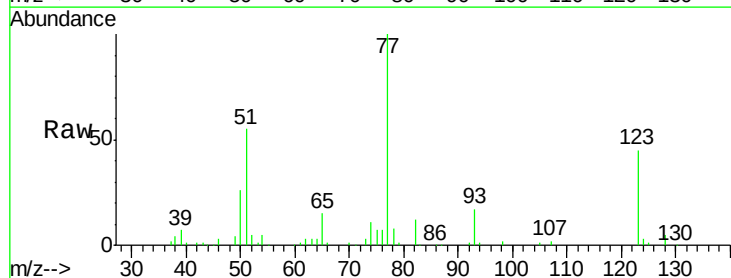
Instrument :
BNA_G
ClientSampleId :

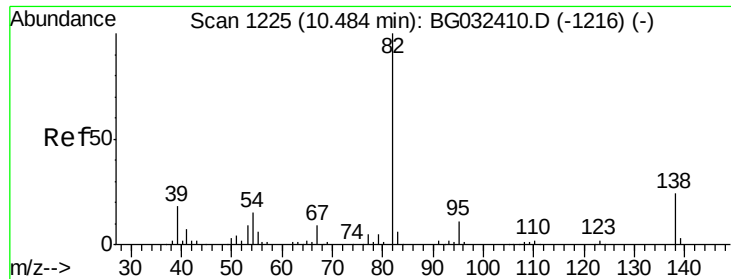
Tot Ion	82	Resp	216386
Ion Ratio	Lower	Upper	
82	100		
128	46.9	29.7	44.5#
54	49.2	43.1	64.7



#24
Nitrobenzene
Concen: 48.66 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion	77	Resp	101318
Ion Ratio	Lower	Upper	
77	100		
123	45.2	33.0	49.6
65	15.3	13.0	19.6





#25

Isophorone

Concen: 52.57 ng

RT: 10.45 min Scan# 1218

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

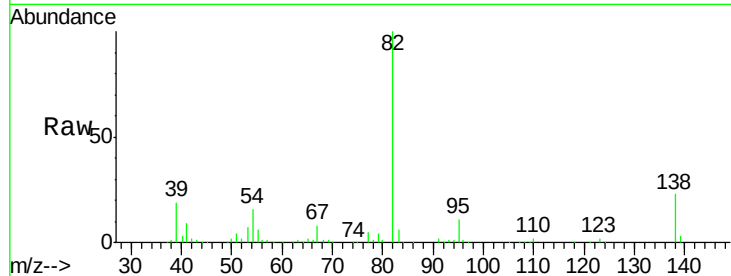
Tot Ion: 82 Resp: 192756

Ion Ratio Lower Upper

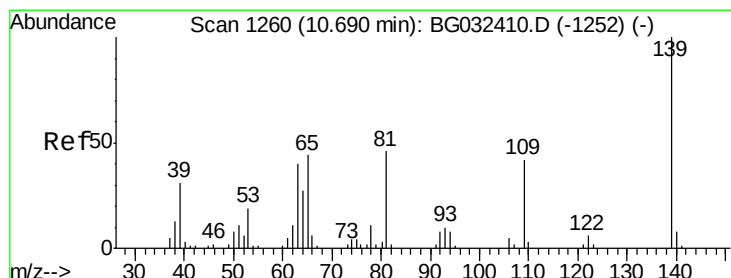
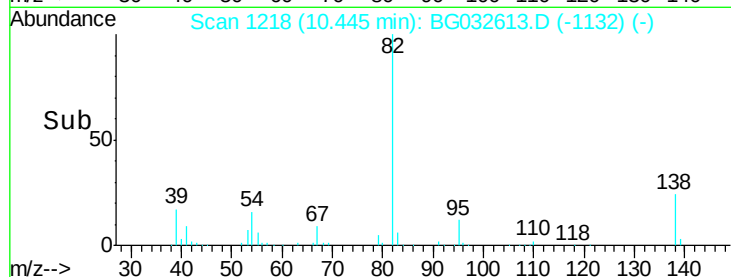
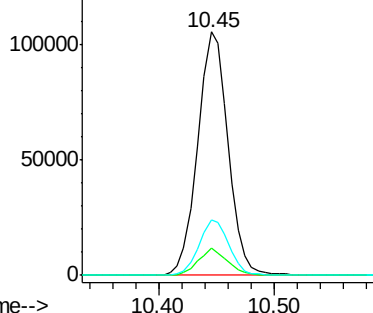
82 100

95 11.2 6.2 9.2#

138 23.0 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: 45.63 ng

RT: 10.65 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

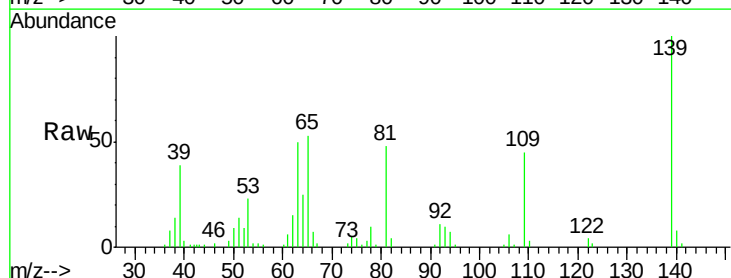
Tgt Ion: 139 Resp: 57436

Ion Ratio Lower Upper

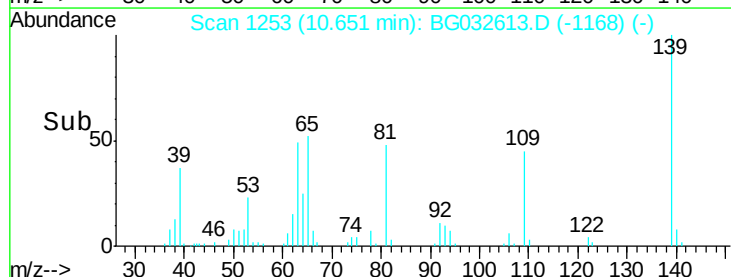
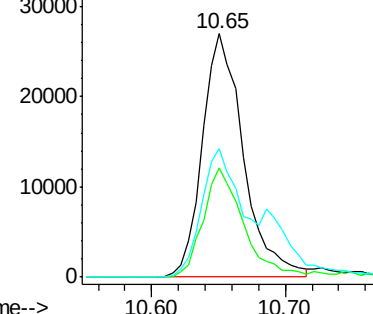
139 100

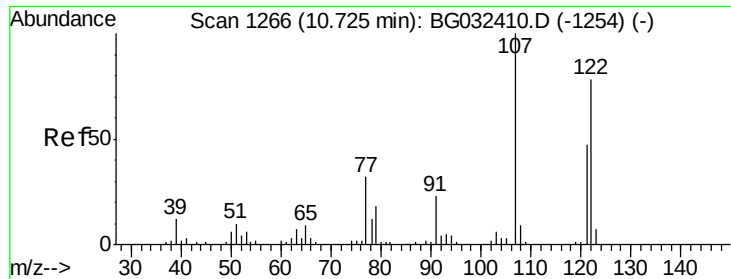
109 44.8 24.2 36.2#

65 52.6 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

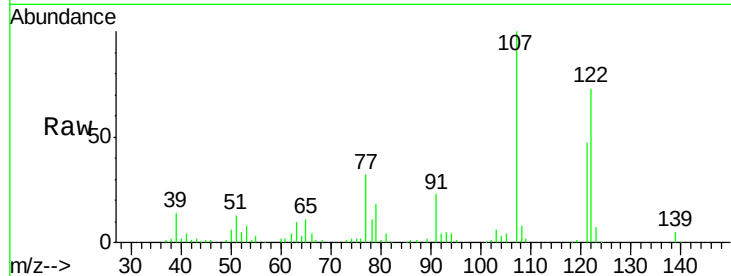




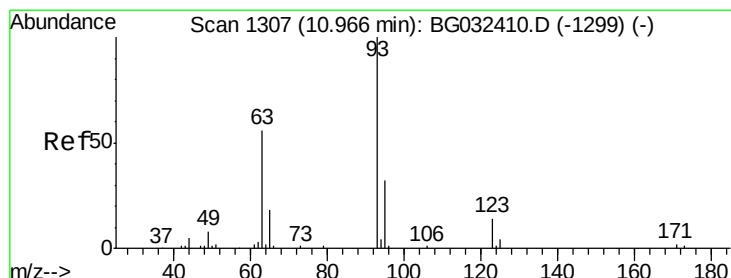
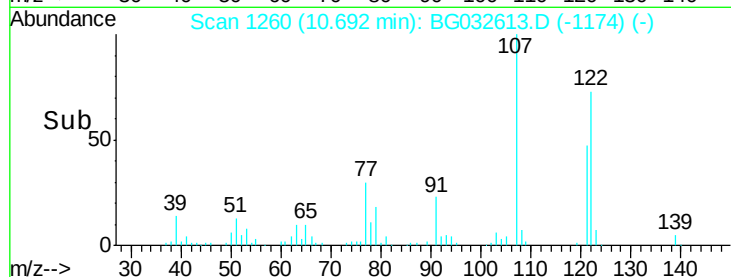
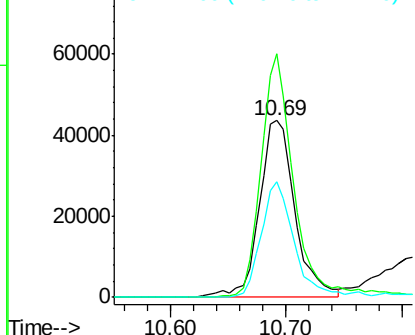
#27
2,4-Dimethylphenol
Concen: 51.86 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 93689
Ion Ratio Lower Upper
122 100
107 137.8 100.2 150.2
121 65.3 44.4 66.6

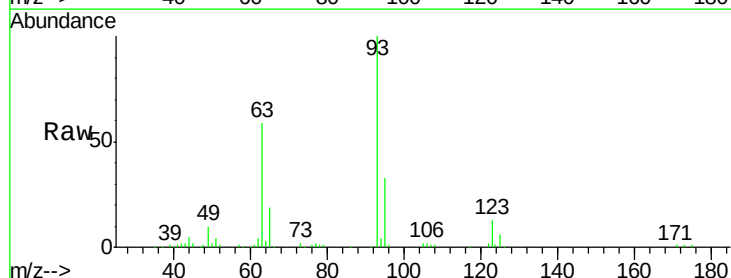


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

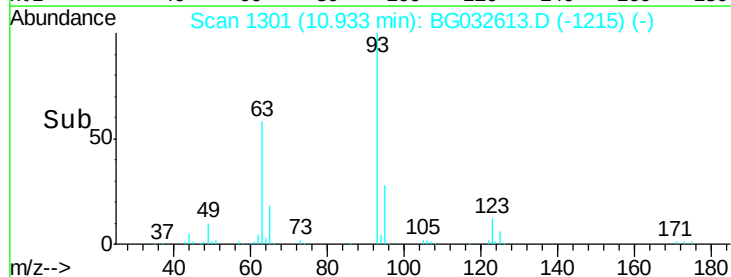
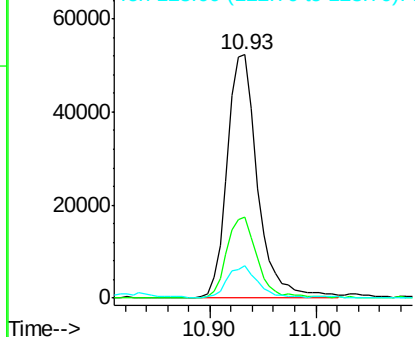


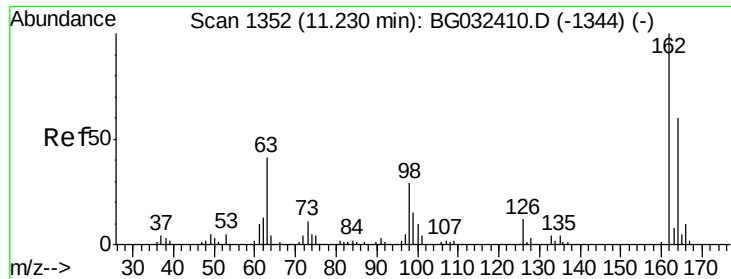
#28
bis(2-Chloroethoxy)methane
Concen: 51.97 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion: 93 Resp: 104490
Ion Ratio Lower Upper
93 100
95 33.5 24.3 36.5
123 13.4 8.4 12.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

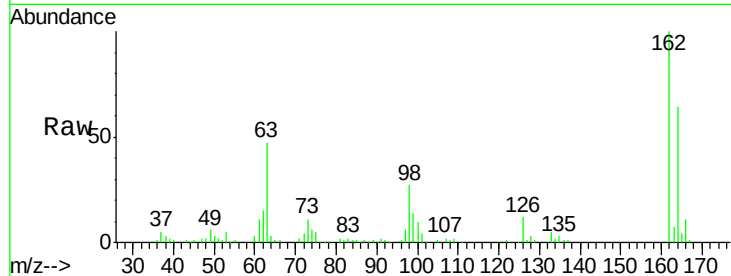




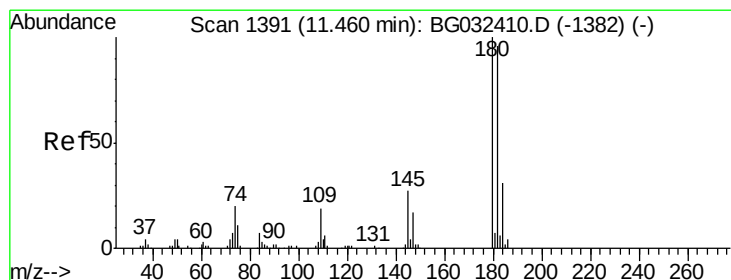
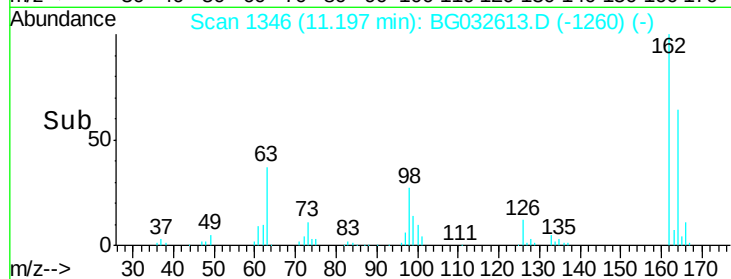
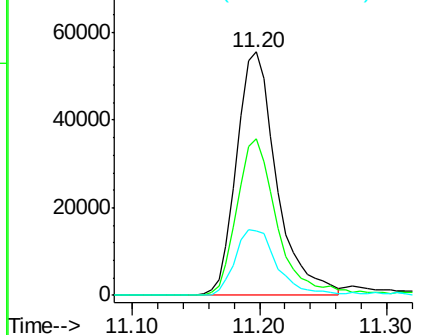
#29
 2,4-Dichlorophenol
 Concen: 51.08 ng
 RT: 11.20 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	48.0	88.0
98	26.7	21.1	61.1

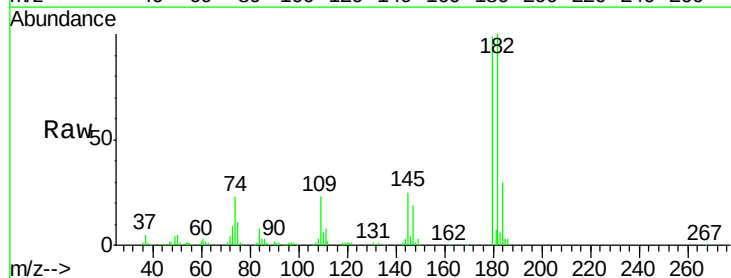


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

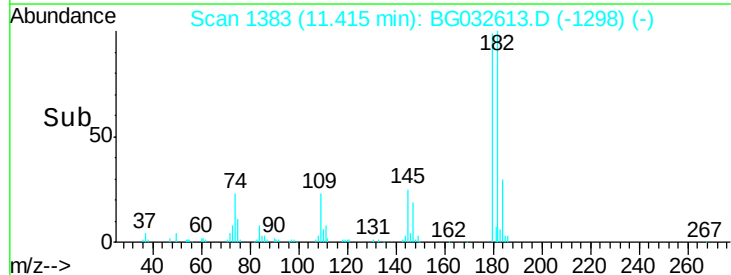
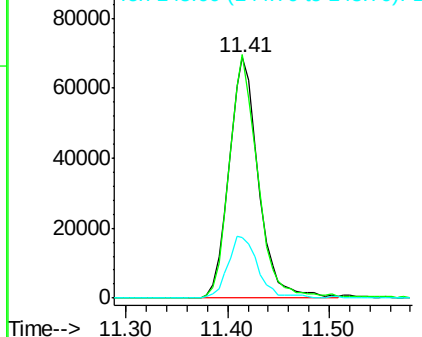


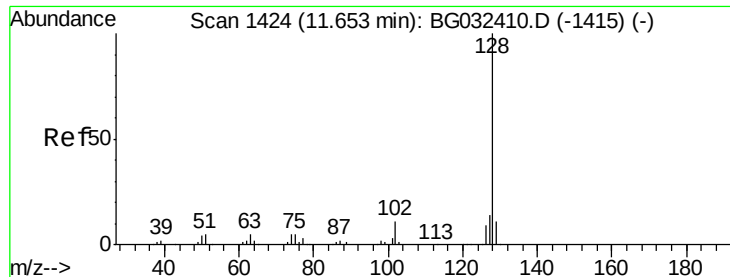
#30
 1,2,4-Trichlorobenzene
 Concen: 43.27 ng
 RT: 11.41 min Scan# 1383
 Delta R.T. -0.03 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.1	77.5	116.3
145	25.2	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

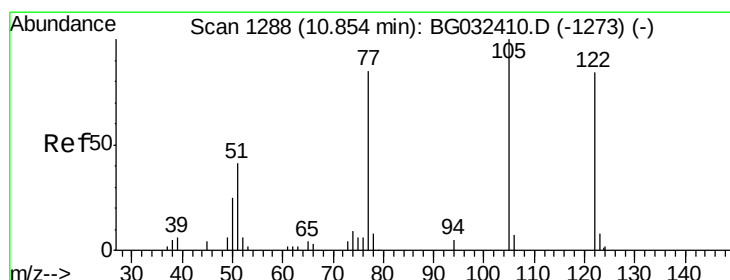
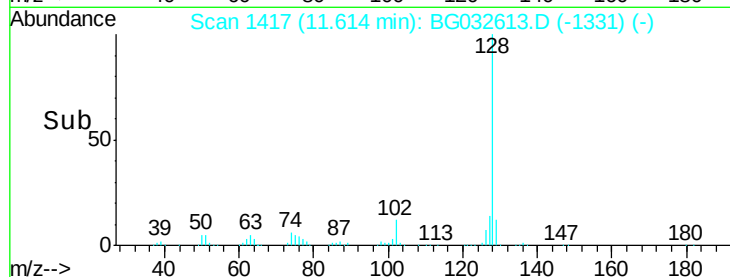
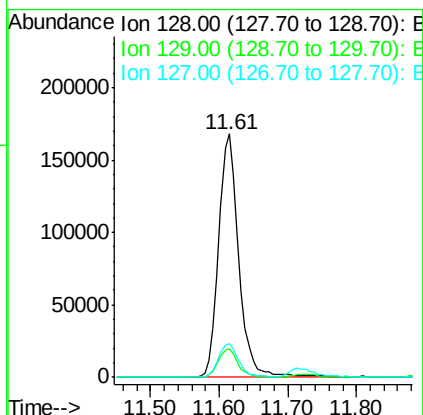
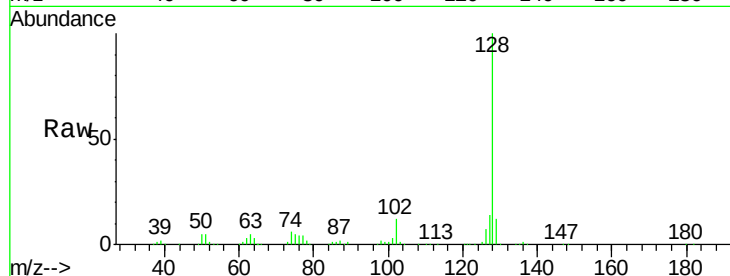




#31
Naphthalene
Concen: 51.93 ng
RT: 11.61 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

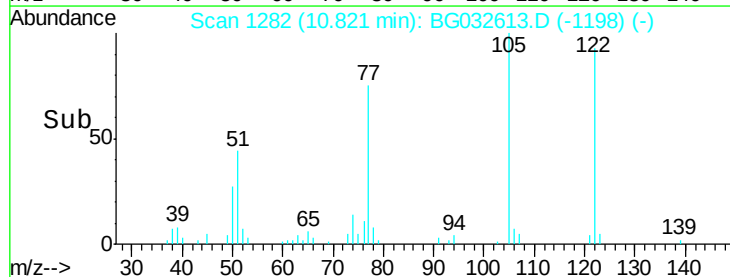
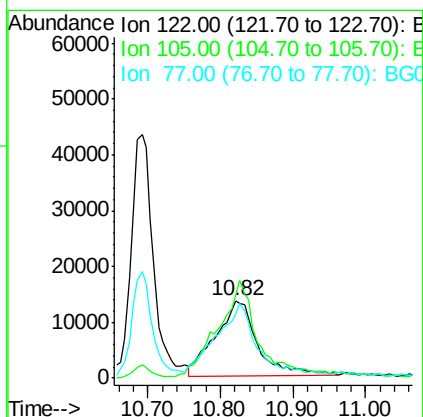
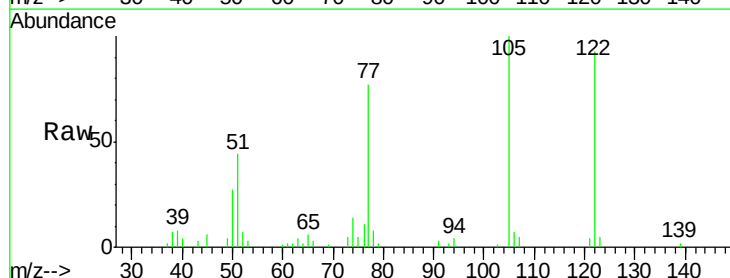
Instrument :
BNA_G
ClientSampleId :

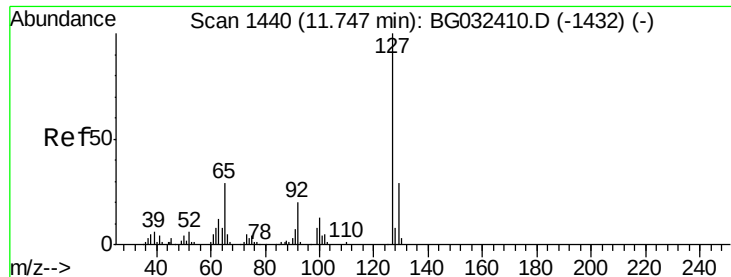
Tot Ion:128 Resp: 341134
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 13.8 11.6 17.4



#32
Benzoic acid
Concen: 41.52 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion:122 Resp: 54394
Ion Ratio Lower Upper
122 100
105 107.6 123.5 163.5#
77 82.9 85.7 125.7#

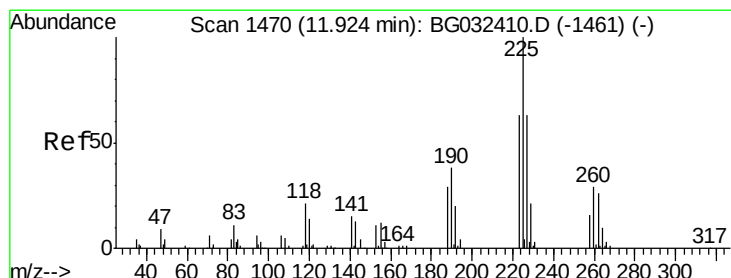
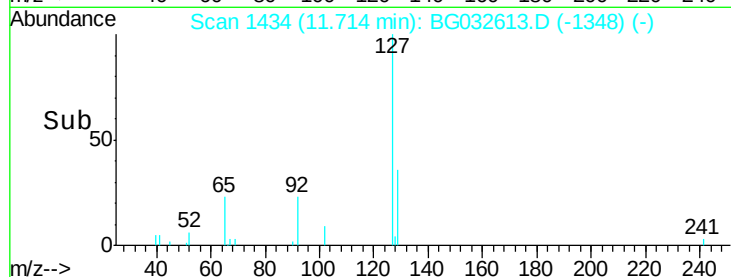
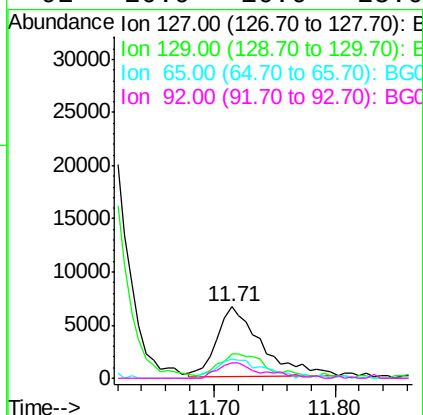
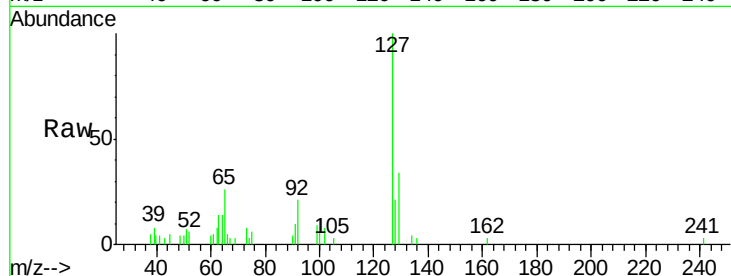




#33
4-Chloroaniline
Concen: 5.70 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

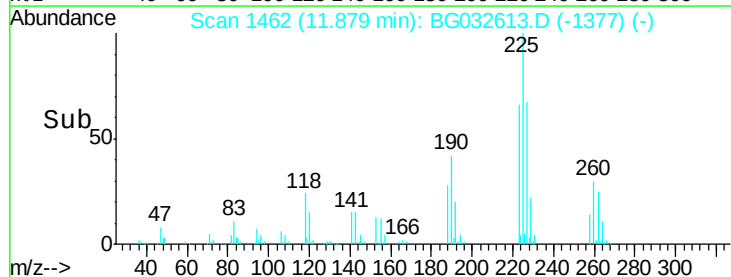
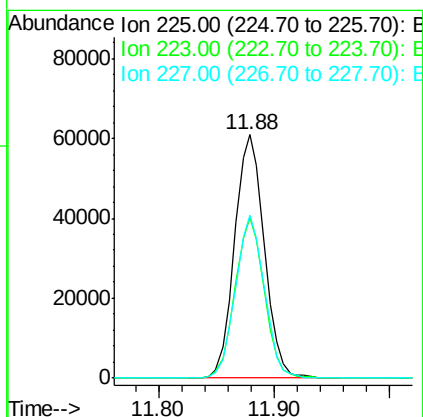
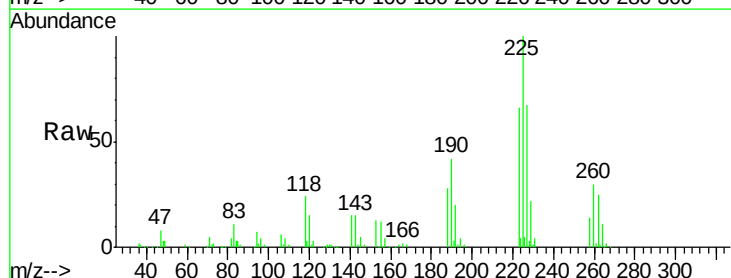
Instrument :
BNA_G
ClientSampleId :

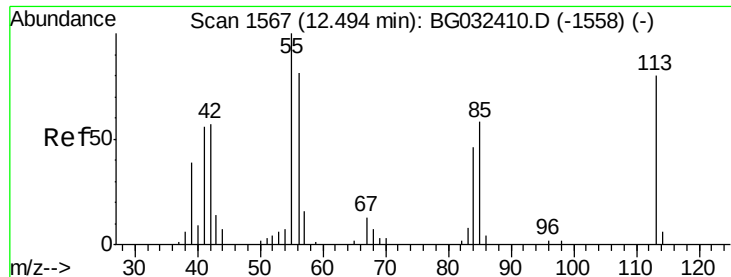
Tot Ion:	127	Resp:	16711
Ion	Ratio	Lower	Upper
127	100		
129	34.4	24.0	36.0
65	26.2	27.0	40.4#
92	20.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 43.53 ng
RT: 11.88 min Scan# 1462
Delta R.T. -0.03 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion:	225	Resp:	108031
Ion	Ratio	Lower	Upper
225	100		
223	65.7	49.7	74.5
227	66.9	48.1	72.1





#35

Caprolactam

Concen: 41.41 ng

RT: 12.47 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

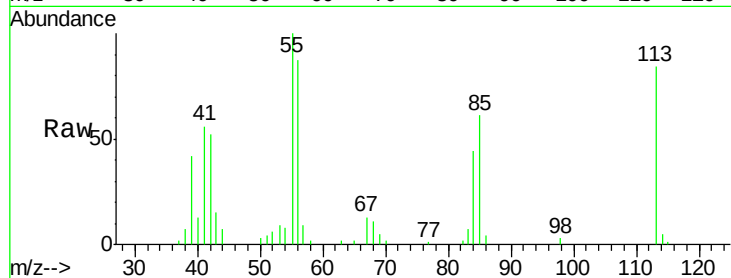
Tot Ion:113 Resp: 28451

Ion Ratio Lower Upper

113 100

55 119.7 186.9 226.9#

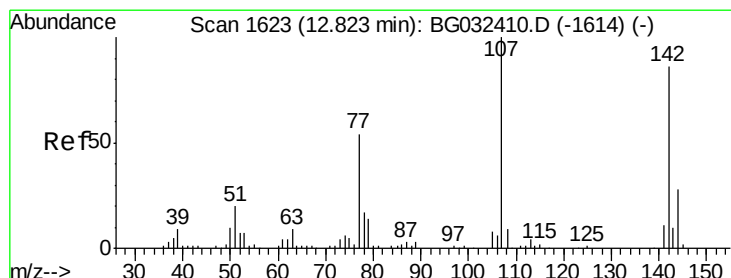
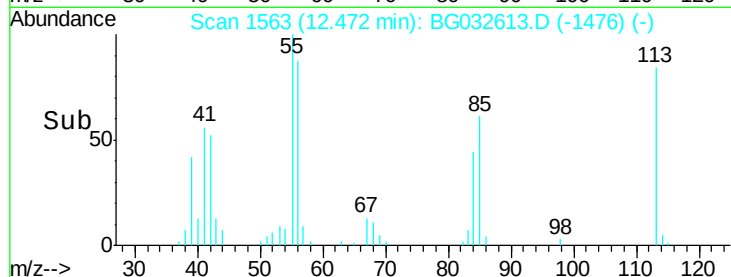
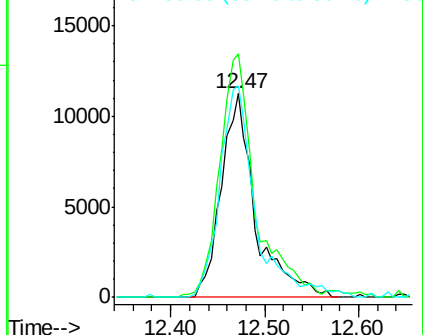
56 103.8 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.46 ng

RT: 12.80 min Scan# 1618

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

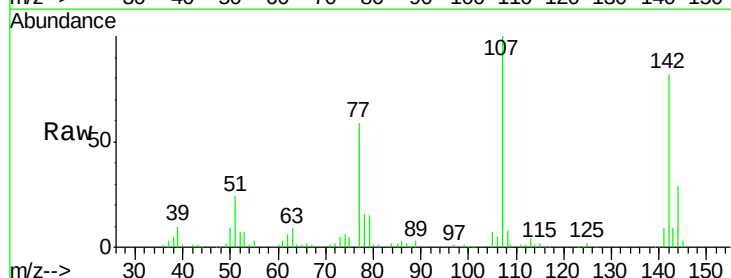
Tgt Ion:107 Resp: 119098

Ion Ratio Lower Upper

107 100

144 29.1 18.2 27.4#

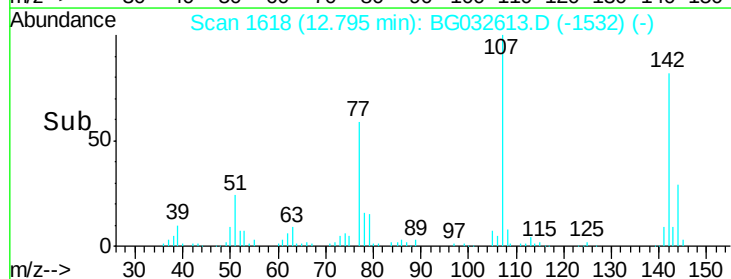
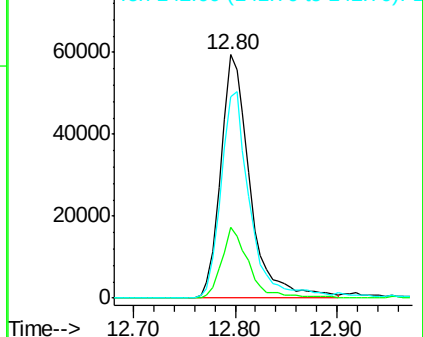
142 82.5 59.0 88.4

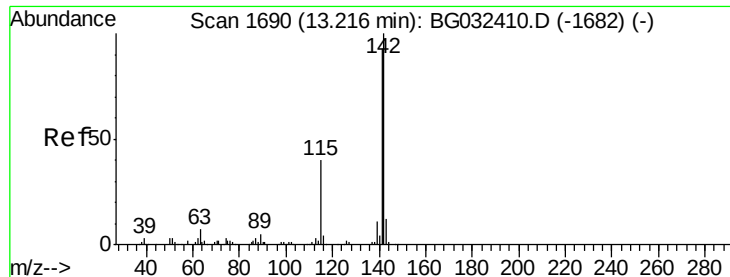


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

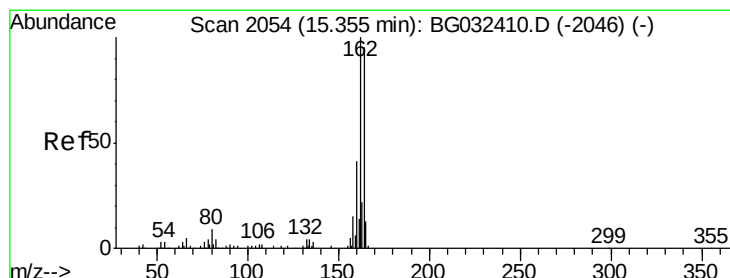
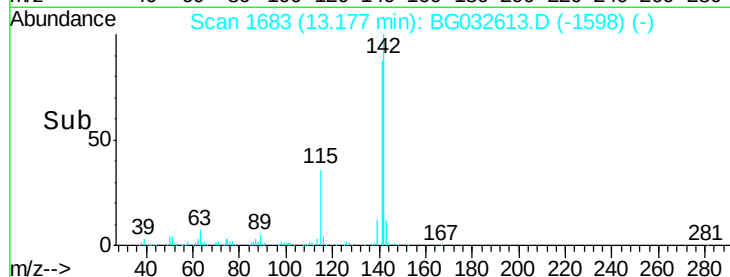
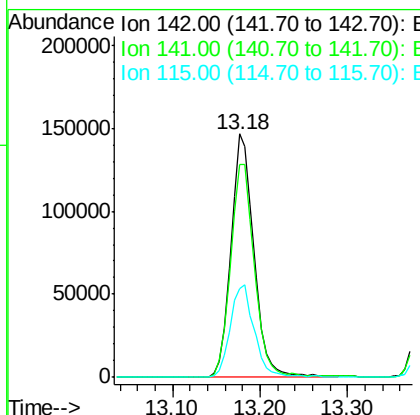
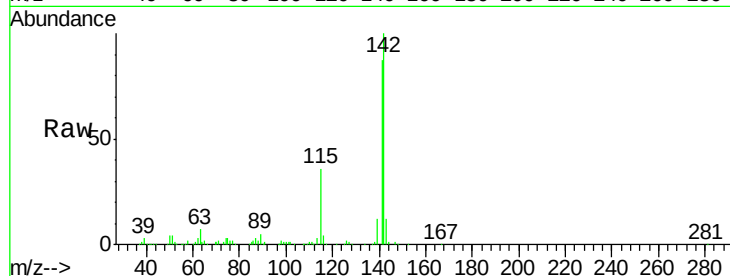




#37
2-Methylnaphthalene
Concen: 47.58 ng
RT: 13.18 min Scan# 1683
Delta R.T. -0.03 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

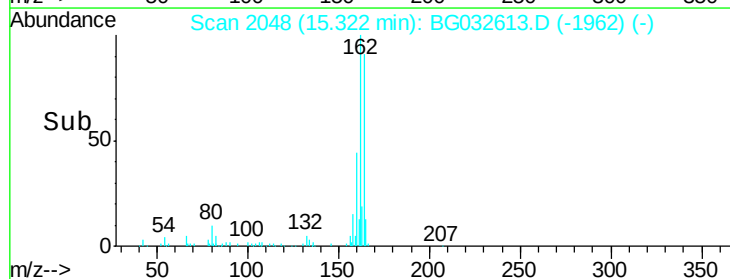
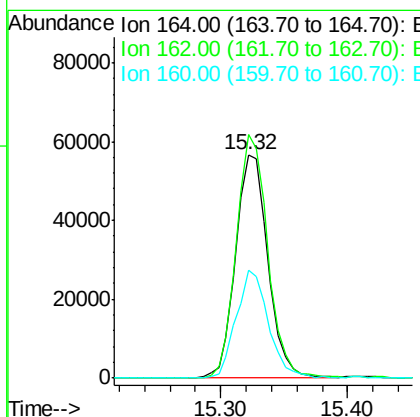
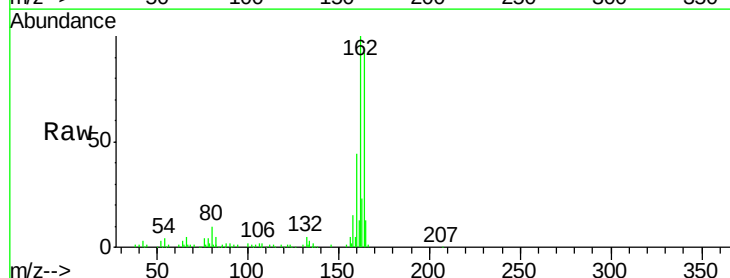
Instrument :
BNA_G
ClientSampleId :

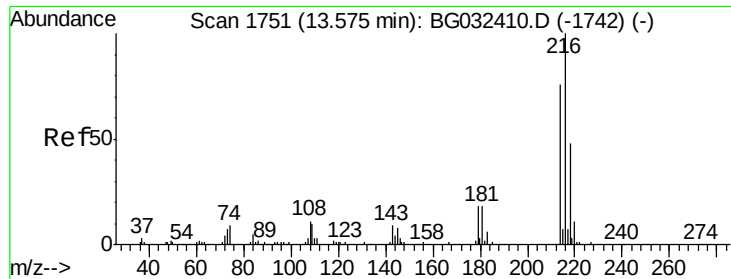
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	67.1	100.7
115	36.4	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.0	78.8	118.2
160	48.2	35.4	53.0

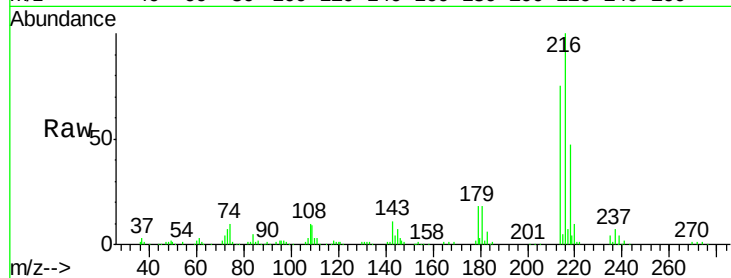




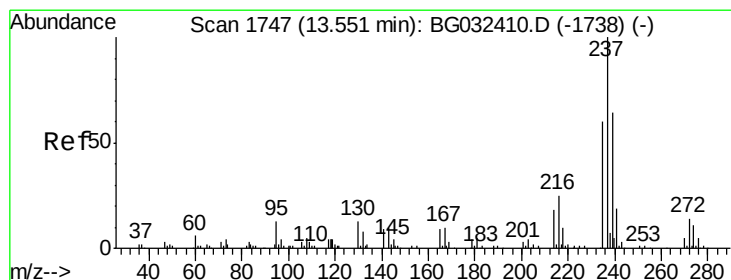
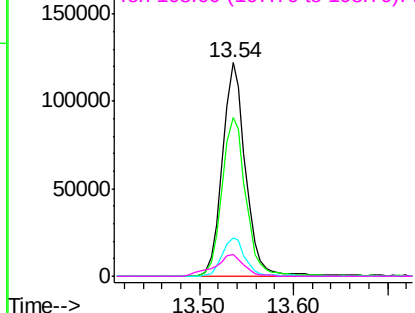
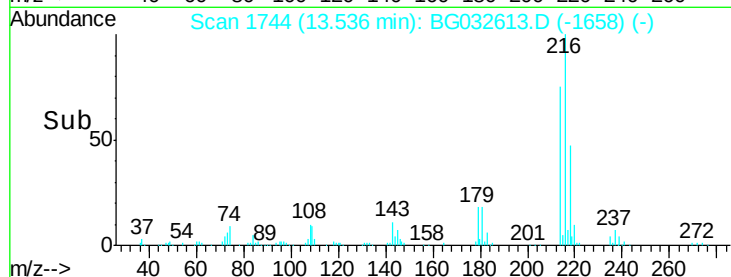
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.74 ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:216	Resp:	209258
Ion Ratio	Lower	Upper
216	100	
214	77.0	63.0 94.4
179	17.8	17.0 25.6
108	12.9	12.8 19.2

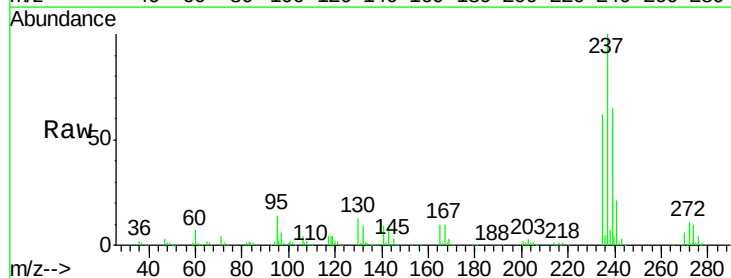


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

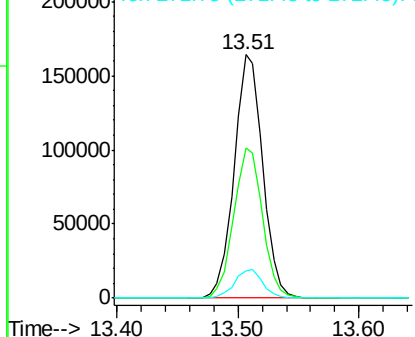
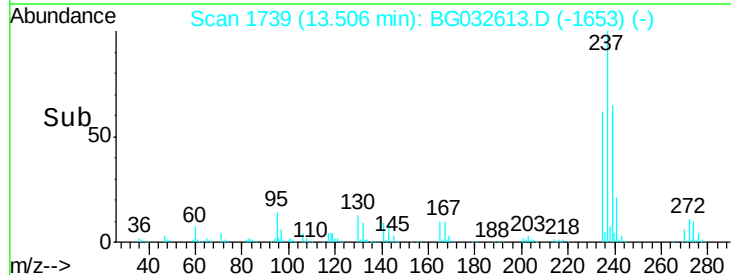


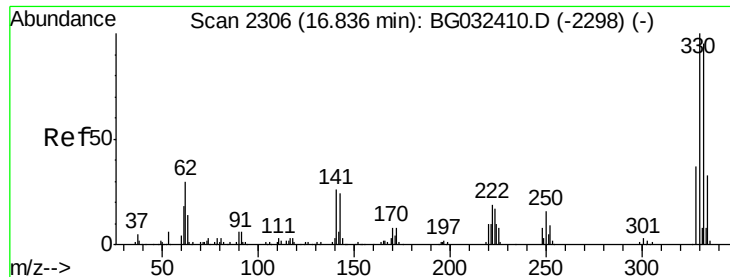
#40
 Hexachlorocyclopentadiene
 Concen: 92.64 ng
 RT: 13.51 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion:237	Resp:	270733
Ion Ratio	Lower	Upper
237	100	
235	61.8	50.4 90.4
272	11.4	0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 142.66 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

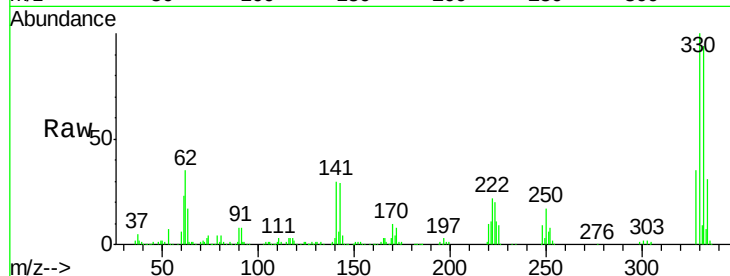
Tot Ion:330 Resp: 271493

Ion Ratio Lower Upper

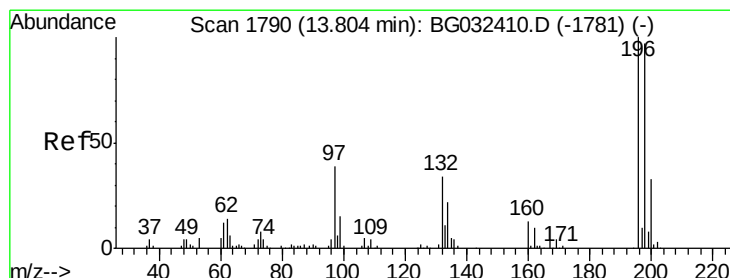
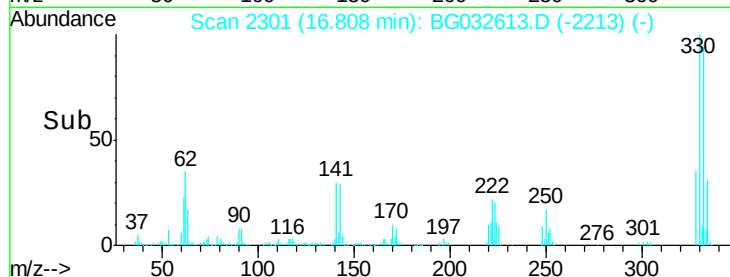
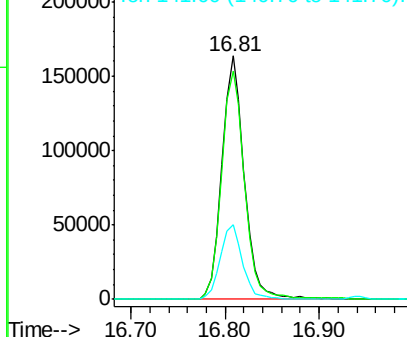
330 100

332 96.1 77.0 115.6

141 30.6 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: 50.67 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

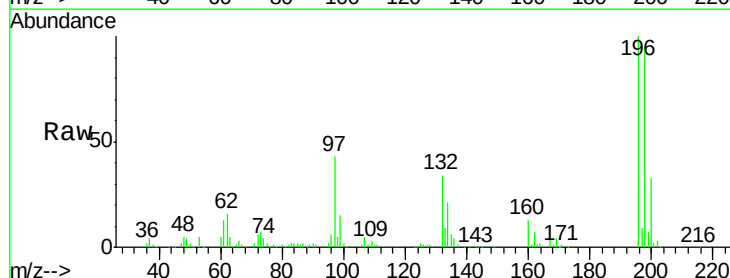
Tgt Ion:196 Resp: 128919

Ion Ratio Lower Upper

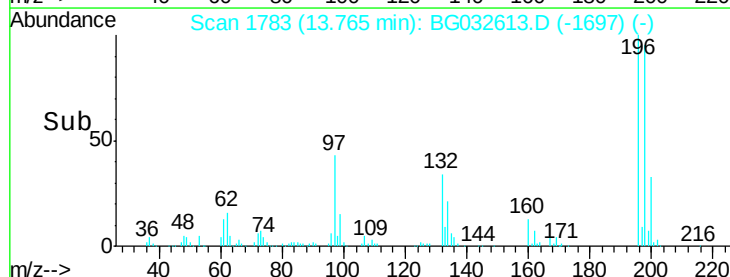
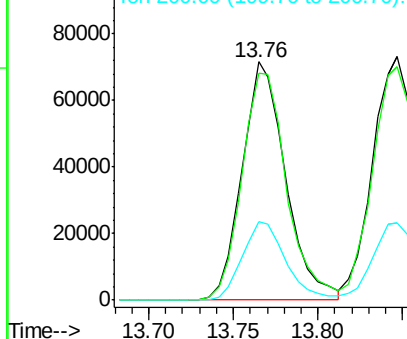
196 100

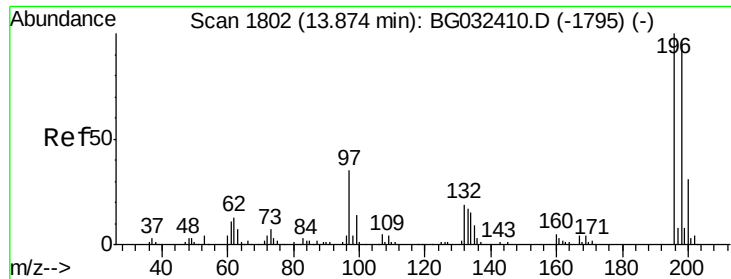
198 95.0 78.2 117.2

200 32.8 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

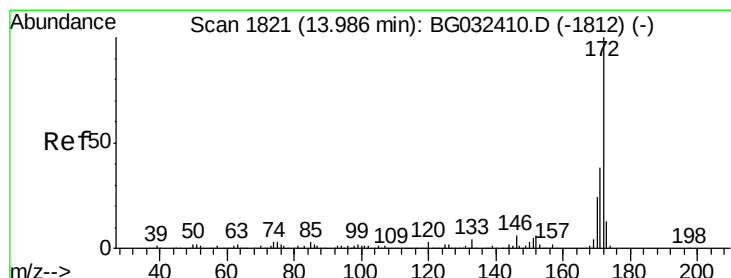
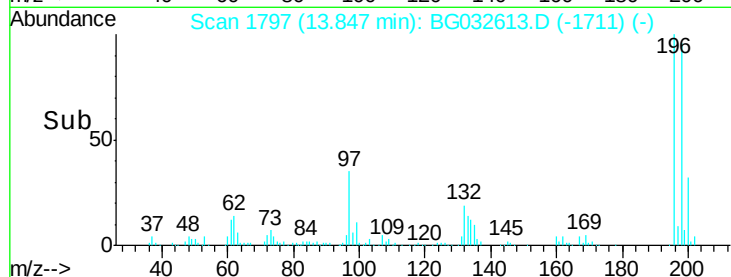
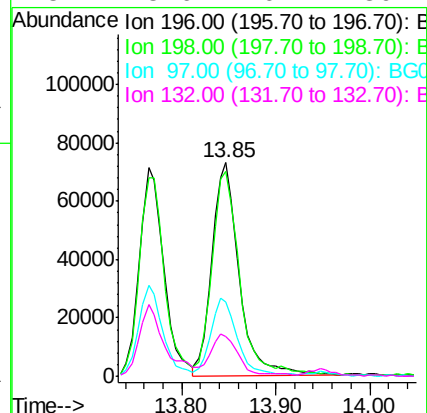
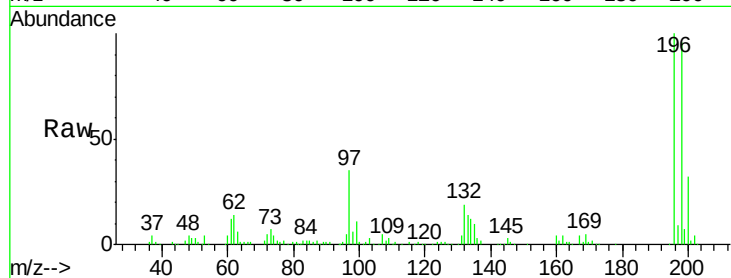




#43
 2,4,5-Trichlorophenol
 Concen: 49.93 ng
 RT: 13.85 min Scan# 1797
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

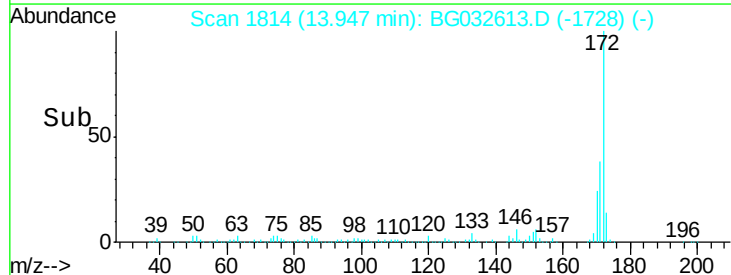
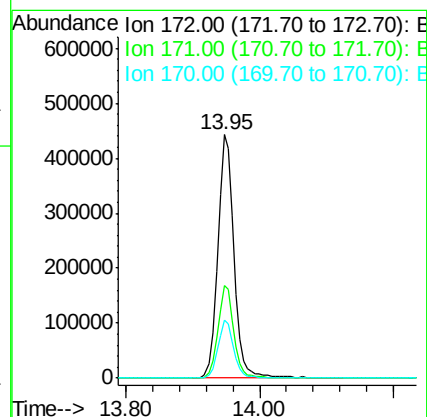
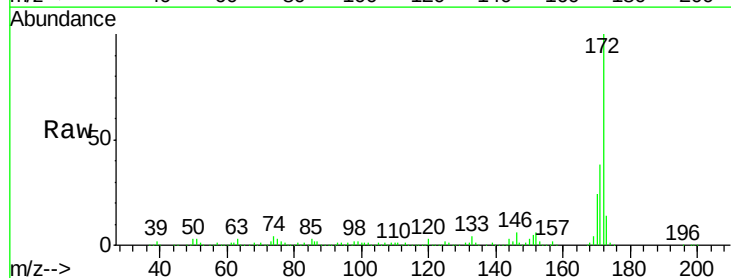
Instrument :
 BNA_G
 ClientSampleId :

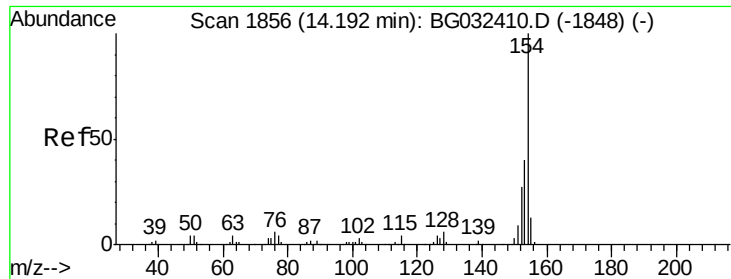
Tot Ion	196	Resp	148095
Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.4
97	35.0	38.7	58.1#
132	18.6	20.2	30.2#



#44
 2-Fluorobiphenyl
 Concen: 89.86 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion	172	Resp	755828
Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.9	19.5	29.3

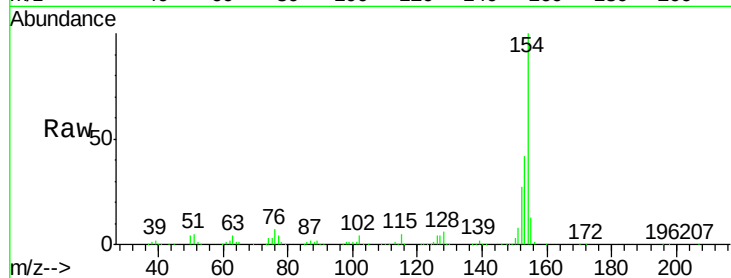




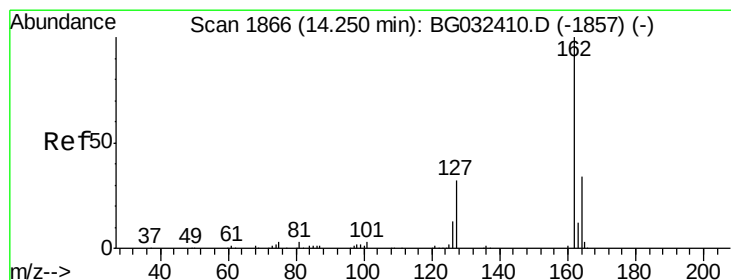
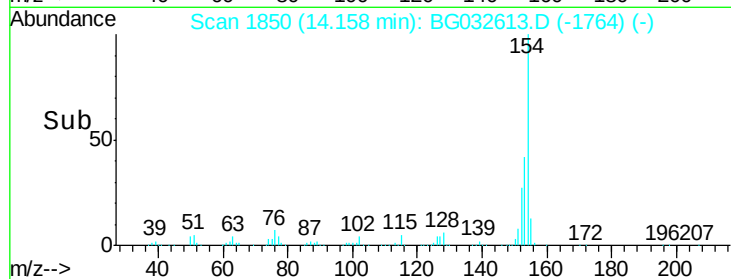
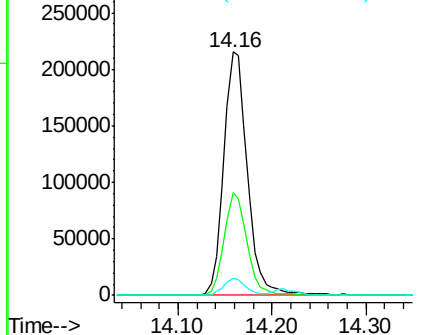
#45
 1,1'-Biphenyl
 Concen: 44.70 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	154	Resp	377528
Ion Ratio	100	Lower	Upper
154	100		
153	42.3	19.8	59.8
76	6.8	0.0	31.9

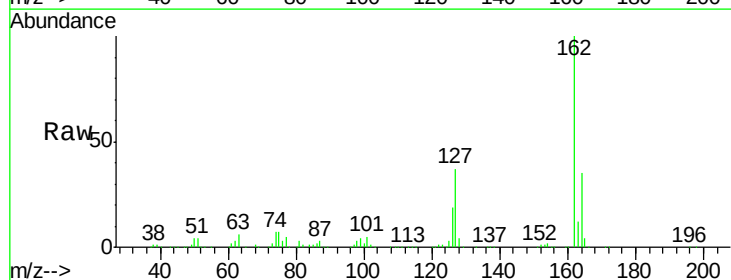


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

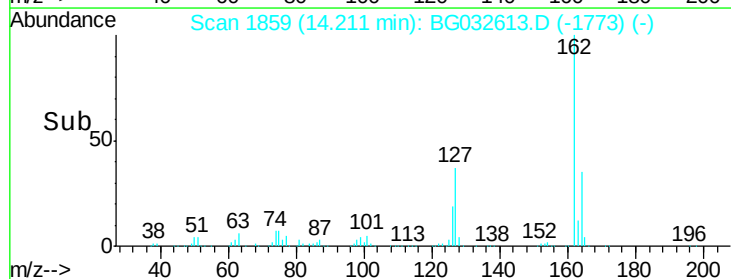
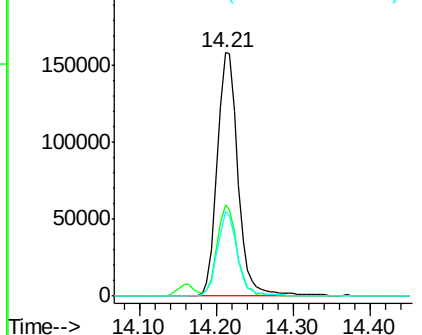


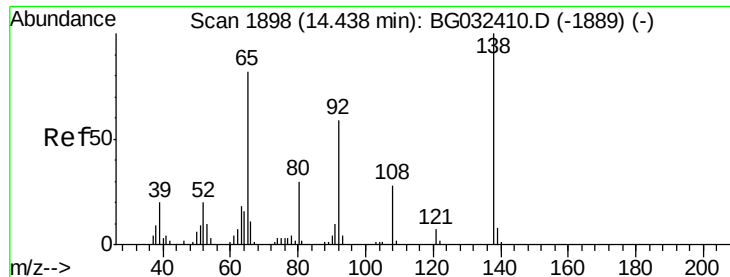
#46
 2-Chloronaphthalene
 Concen: 44.79 ng
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion	162	Resp	296542
Ion Ratio	100	Lower	Upper
162	100		
127	37.3	30.7	46.1
164	34.6	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: 52.43 ng

RT: 14.41 min Scan# 1892

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampled :

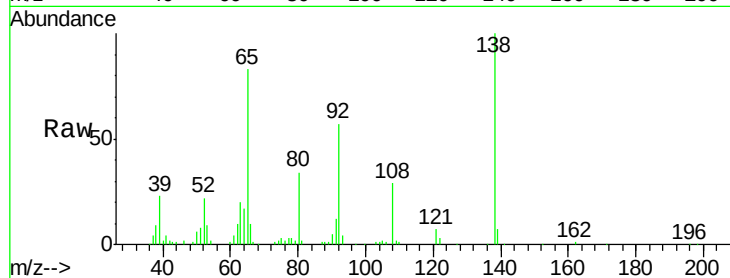
Tot Ion: 65 Resp: 76757

Ion Ratio Lower Upper

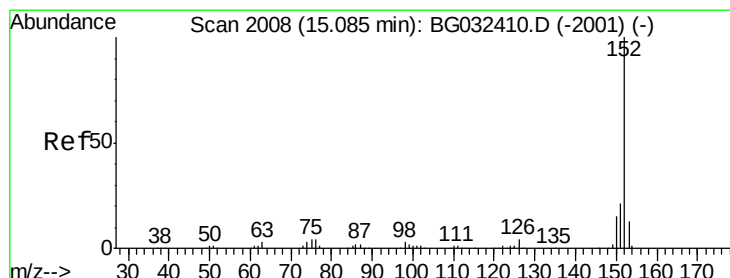
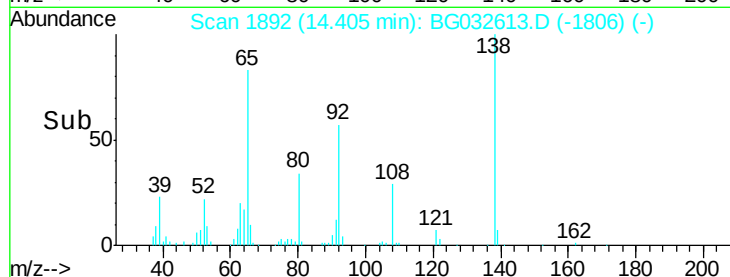
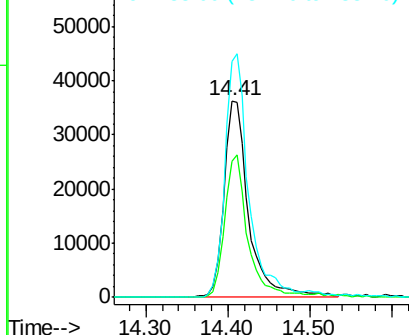
65 100

92 69.0 54.6 82.0

138 120.1 72.9 109.3#



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



#48

Acenaphthylene

Concen: 45.08 ng

RT: 15.05 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

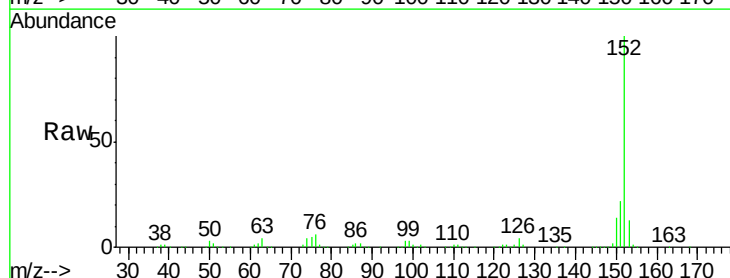
Tgt Ion: 152 Resp: 451150

Ion Ratio Lower Upper

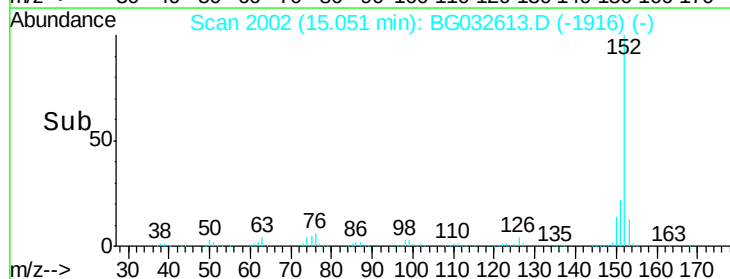
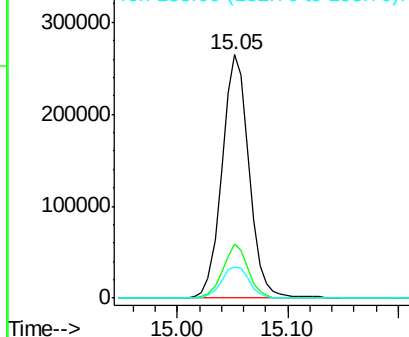
152 100

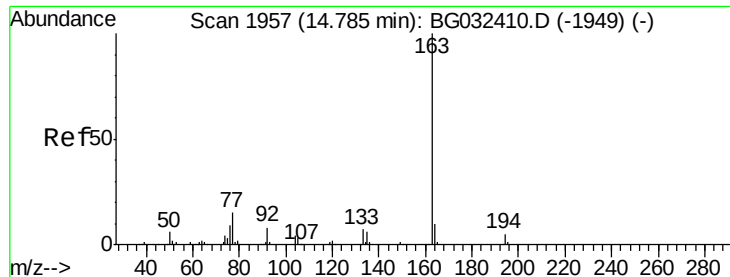
151 22.3 17.2 25.8

153 13.0 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 45.71 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

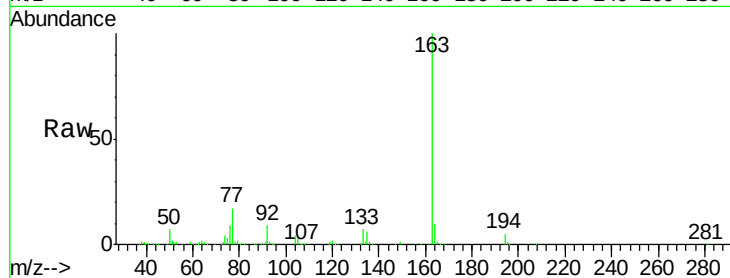
Tot Ion:163 Resp: 421412

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

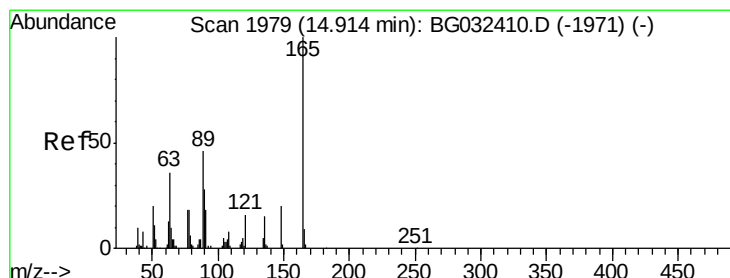
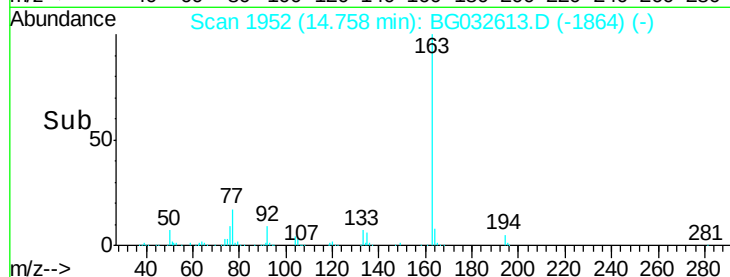
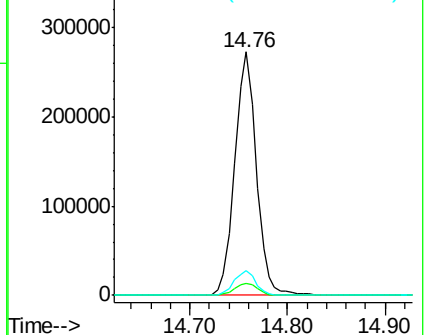
164 10.3 8.2 12.4



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: 48.49 ng

RT: 14.89 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

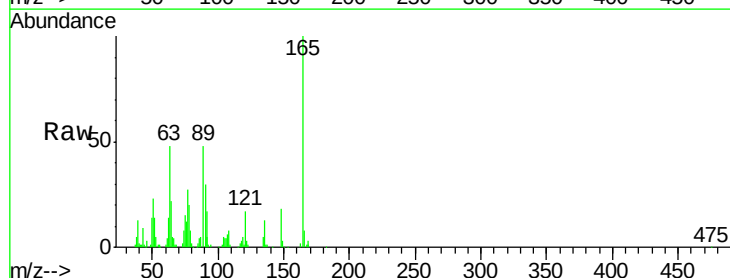
Tgt Ion:165 Resp: 93814

Ion Ratio Lower Upper

165 100

63 48.3 52.7 79.1#

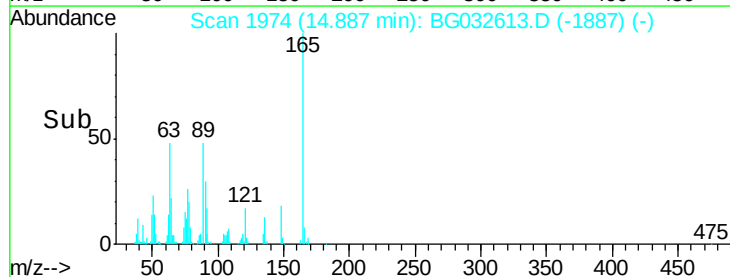
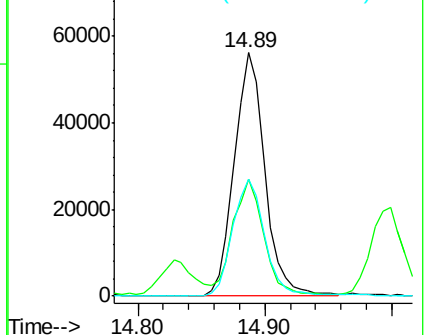
89 48.1 49.2 73.8#

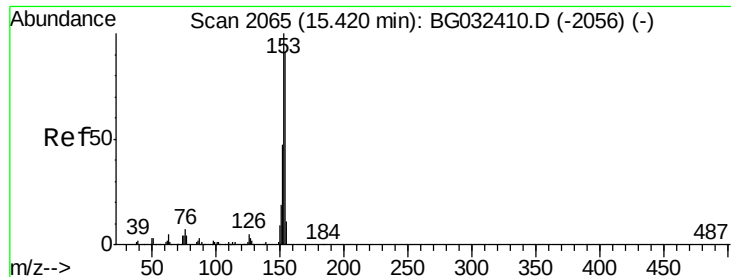


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 52.63 ng

RT: 15.39 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampled :

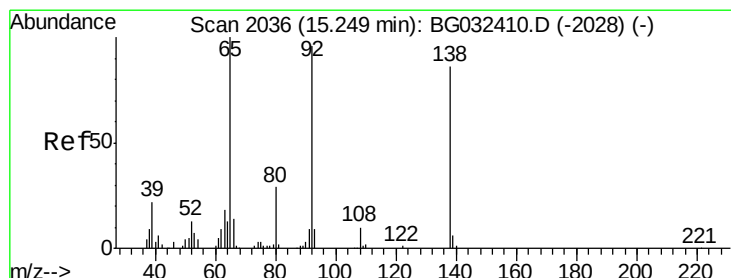
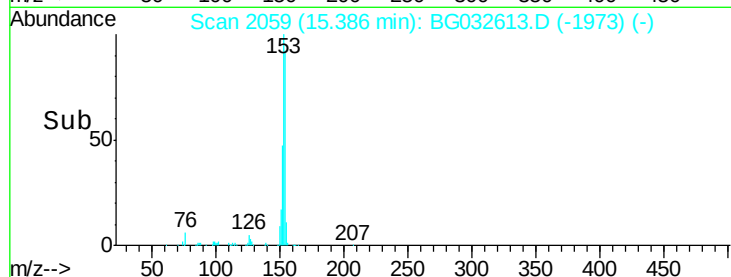
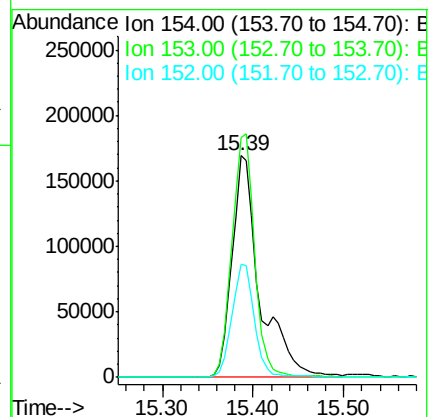
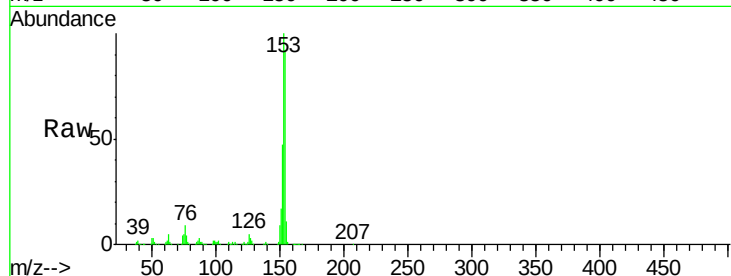
Tot Ion:154 Resp: 365276

Ion Ratio Lower Upper

154 100

153 108.2 90.4 135.6

152 51.1 41.6 62.4



#52

3-Nitroaniline

Concen: 11.00 ng

RT: 15.22 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

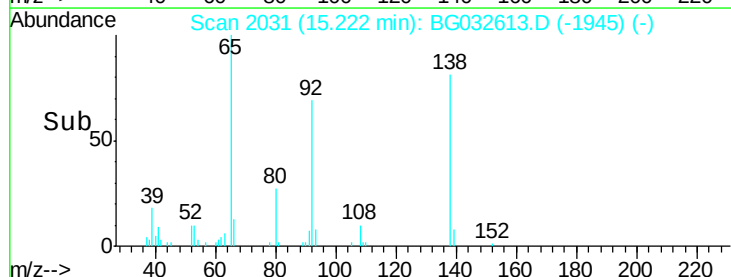
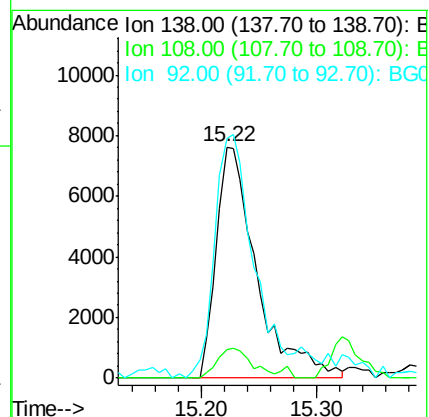
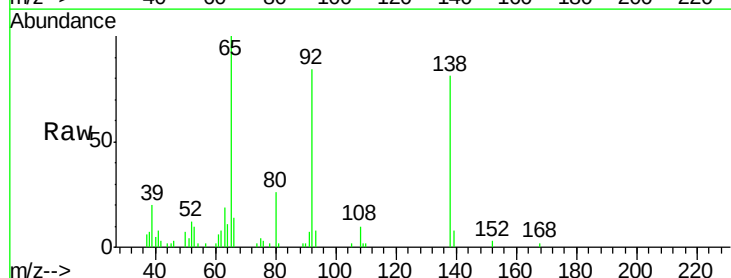
Tgt Ion:138 Resp: 18590

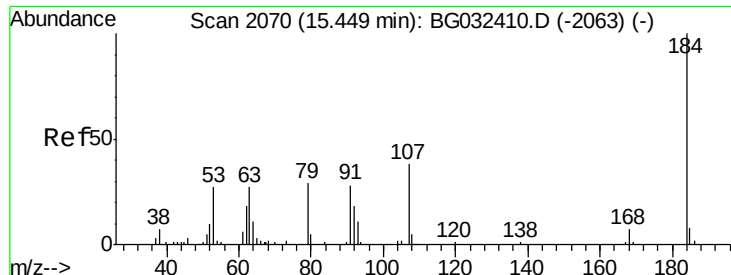
Ion Ratio Lower Upper

138 100

108 12.1 17.5 26.3#

92 104.1 105.8 158.8#

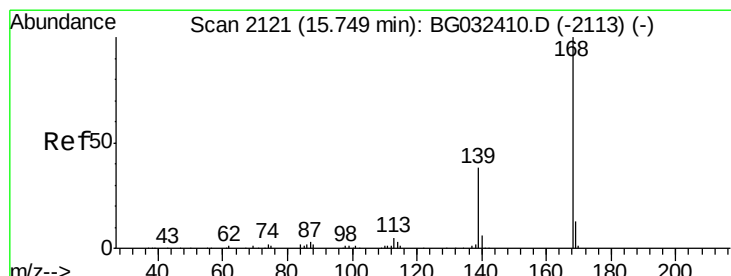
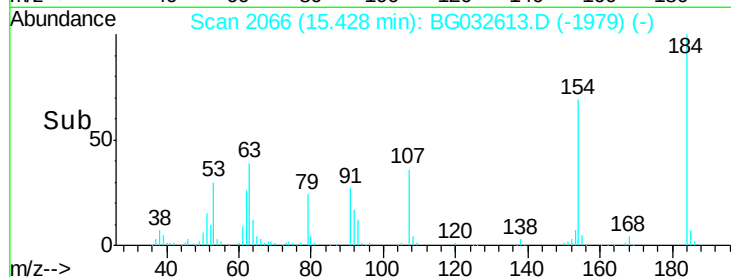
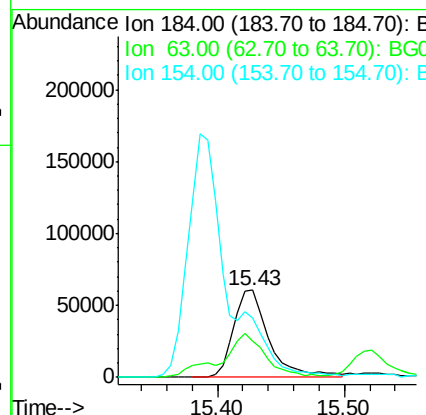
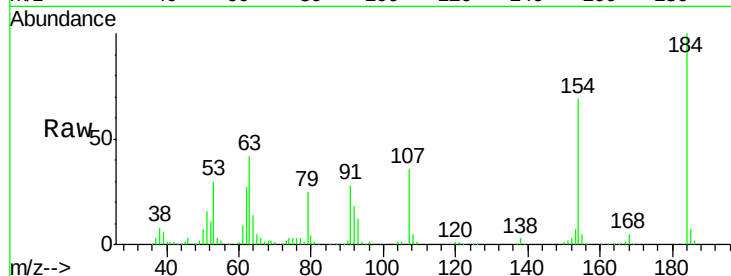




#53
 2,4-Dinitrophenol
 Concen: 95.77 ng
 RT: 15.43 min Scan# 2066
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

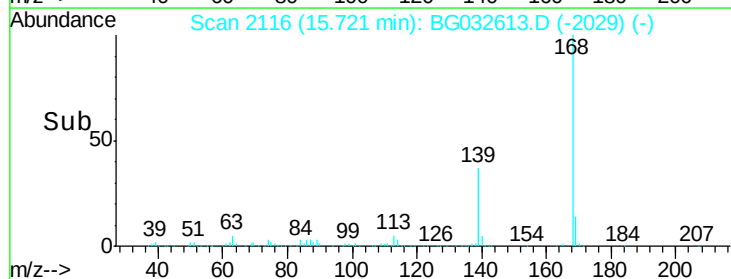
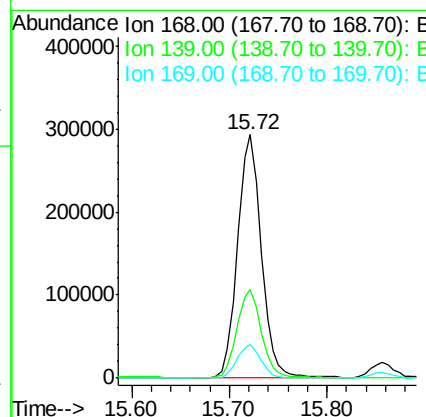
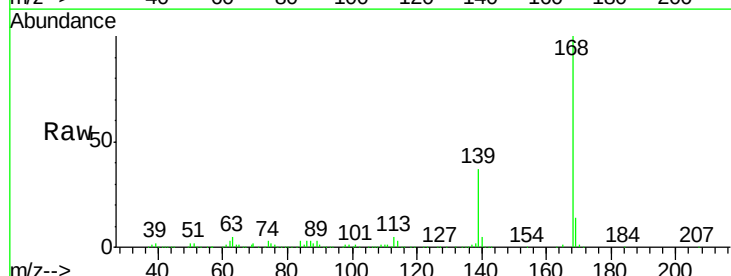
Instrument :
 BNA_G
 ClientSampleId :

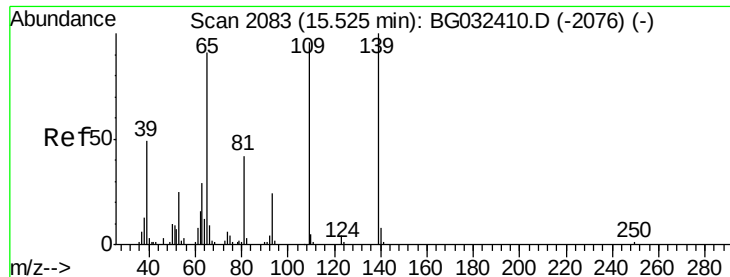
Tot Ion:184 Resp: 116689
 Ion Ratio Lower Upper
 184 100
 63 42.4 59.8 89.8#
 154 68.6 101.8 152.8#



#54
 Dibenzofuran
 Concen: 48.45 ng
 RT: 15.72 min Scan# 2116
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion:168 Resp: 497783
 Ion Ratio Lower Upper
 168 100
 139 36.6 28.6 43.0
 169 13.7 11.2 16.8





#55

4-Nitrophenol

Concen: 88.87 ng

RT: 15.52 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

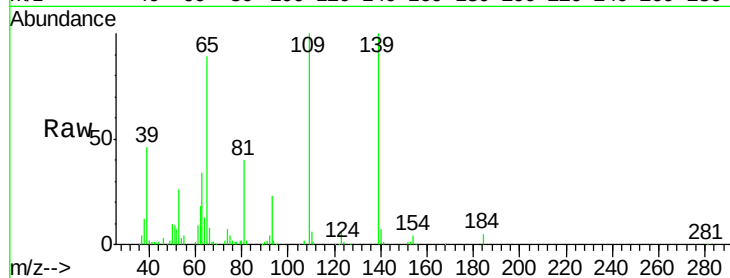
Tot Ion:139 Resp: 112442

Ion Ratio Lower Upper

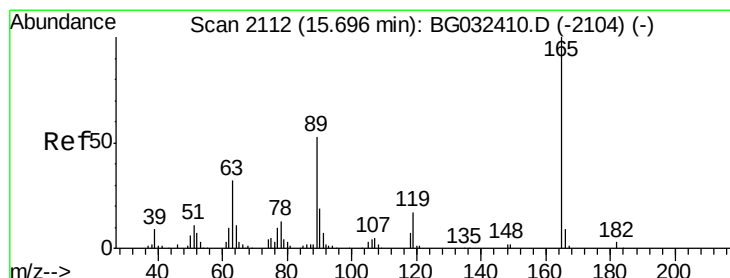
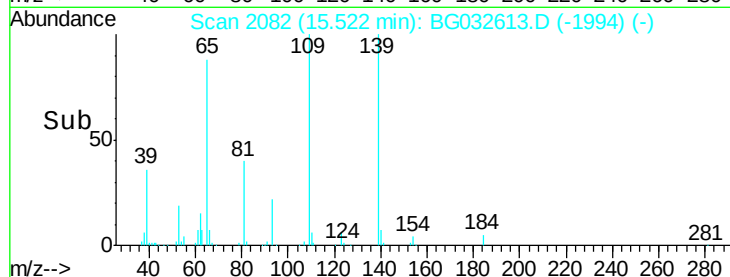
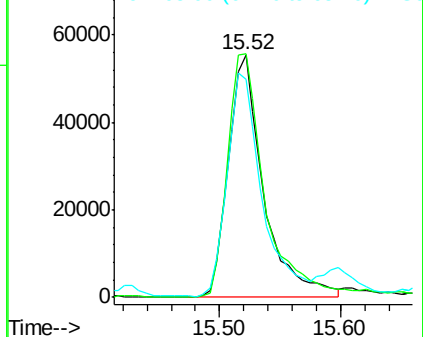
139 100

109 100.4 62.2 102.2

65 89.9 97.2 137.2#



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



#56

2,4-Dinitrotoluene

Concen: 51.14 ng

RT: 15.67 min Scan# 2107

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Tgt Ion:165 Resp: 140884

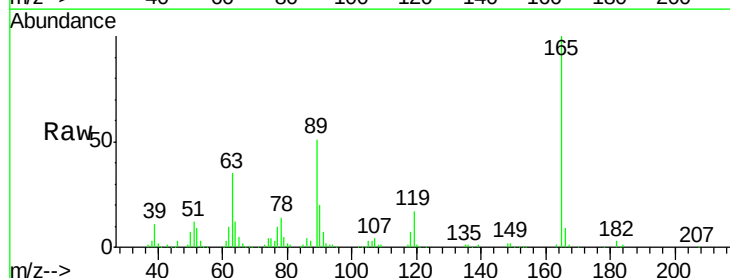
Ion Ratio Lower Upper

165 100

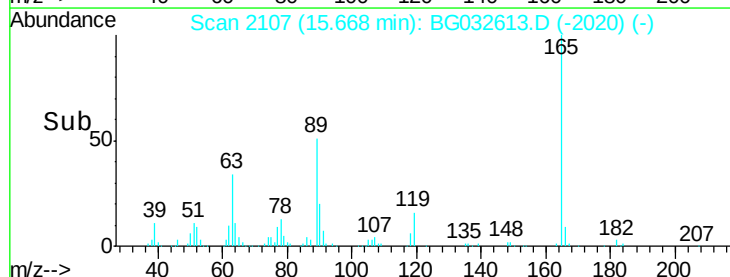
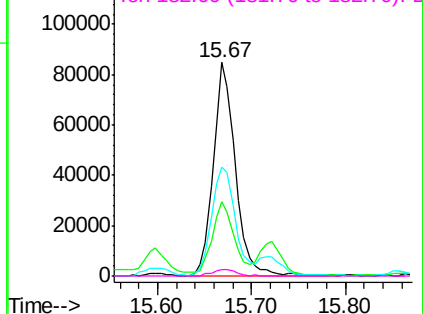
63 34.9 42.0 63.0#

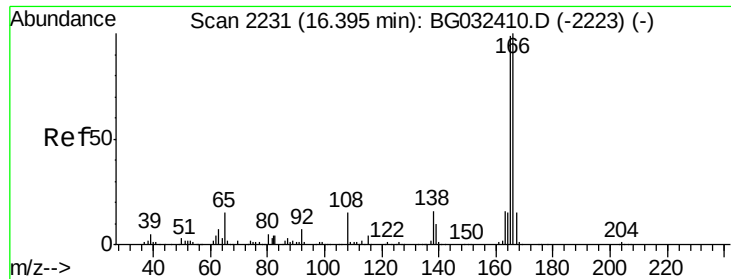
89 51.0 66.9 100.3#

182 3.3 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: 47.67 ng

RT: 16.37 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

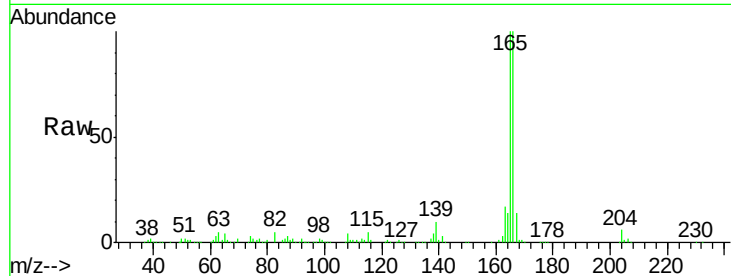
Tot Ion:166 Resp: 406926

Ion Ratio Lower Upper

166 100

165 100.3 80.6 121.0

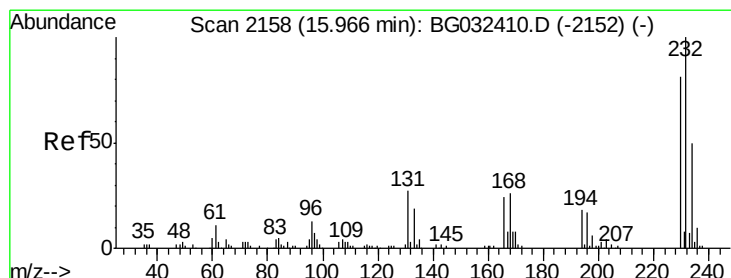
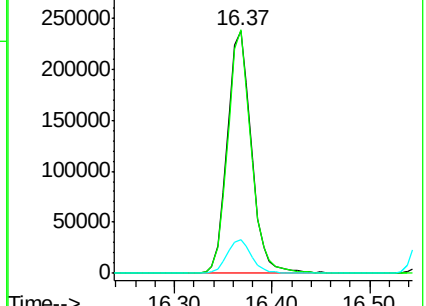
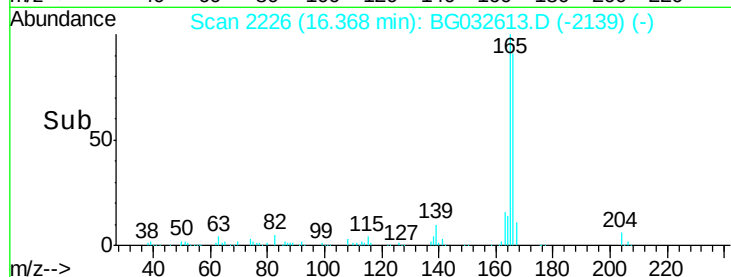
167 13.7 10.4 15.6



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: 55.89 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Tgt Ion:232 Resp: 163492

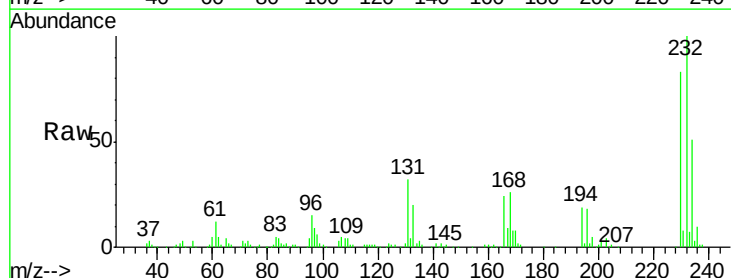
Ion Ratio Lower Upper

232 100

131 30.1 33.5 50.3#

130 1.7 2.2 3.2#

166 24.1 24.8 37.2#

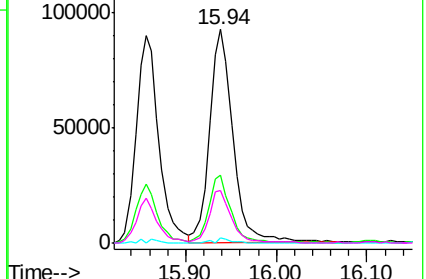
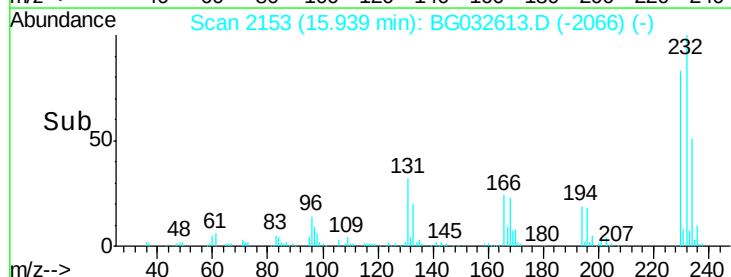


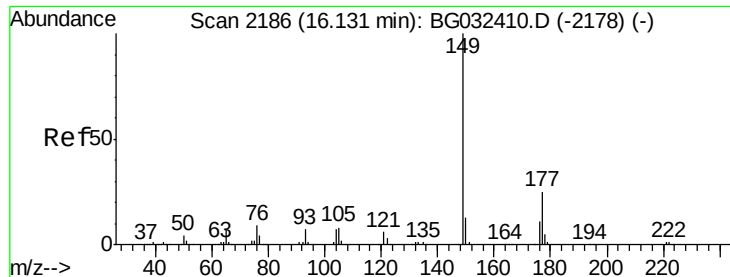
Abundance Ion 232.00 (231.70 to 232.70): E

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

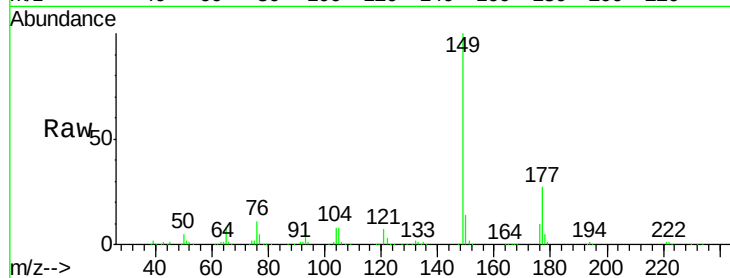




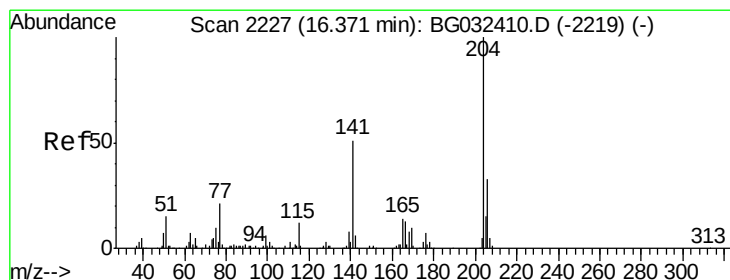
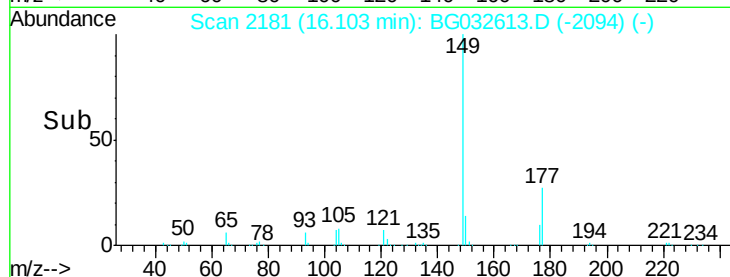
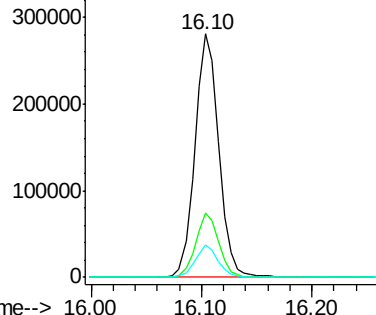
#59
Diethylphthalate
Concen: 47.21 ng
RT: 16.10 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 423830
Ion Ratio Lower Upper
149 100
177 26.6 18.5 27.7
150 13.5 10.2 15.2

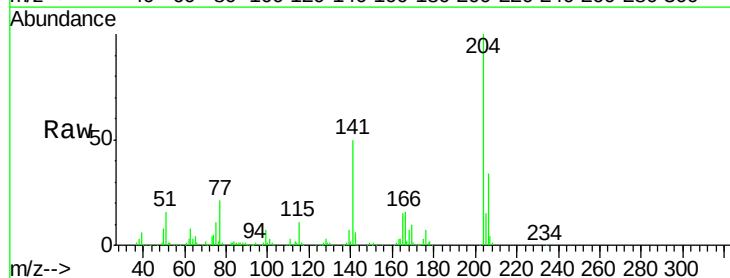


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

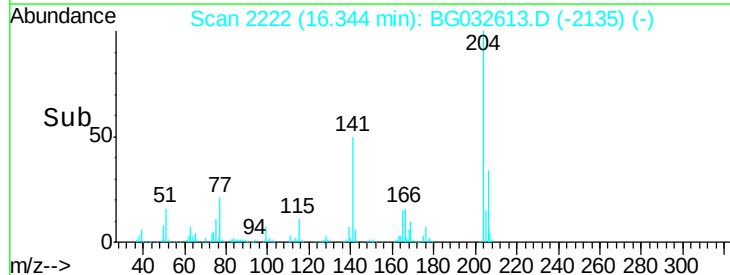
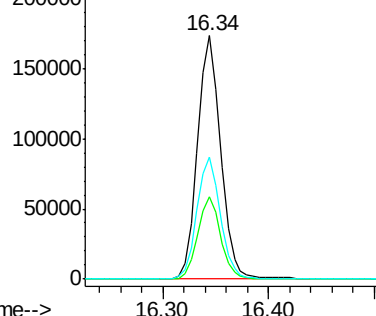


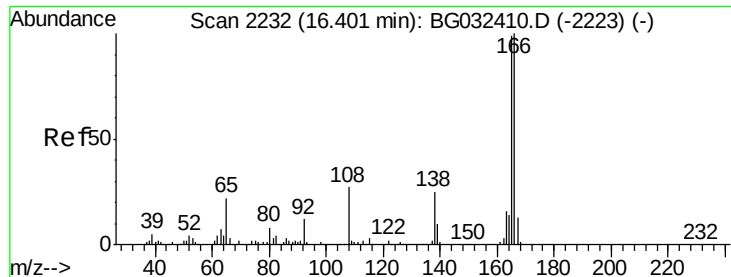
#60
4-Chlorophenyl-phenylether
Concen: 48.96 ng
RT: 16.34 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion:204 Resp: 263577
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.2
141 50.2 45.8 68.6



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





#61

4-Nitroaniline

Concen: 36.96 ng

RT: 16.39 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampled :

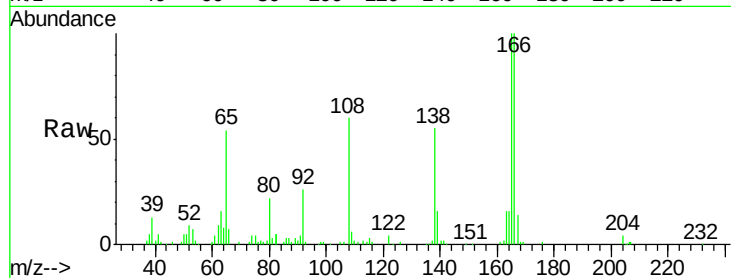
Tot Ion:138 Resp: 66949

Ion Ratio Lower Upper

138 100

92 46.6 40.1 80.1

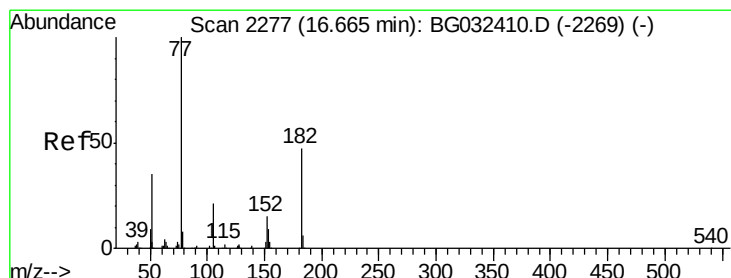
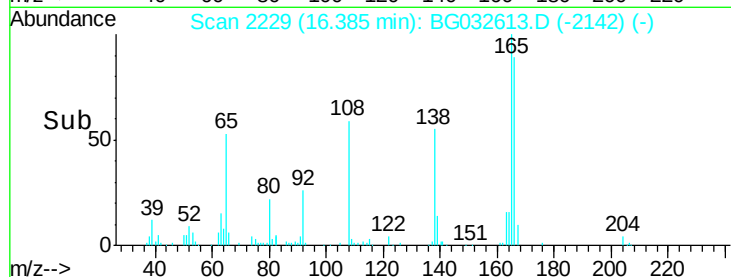
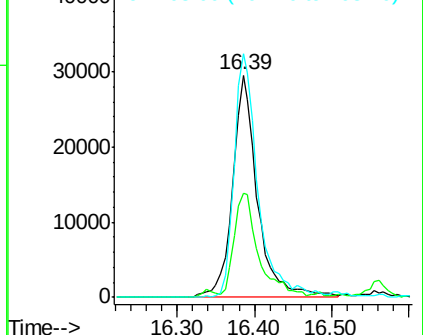
108 109.5 65.4 105.4#



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: 51.17 ng

RT: 16.64 min Scan# 2272

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Tgt Ion: 77 Resp: 274557

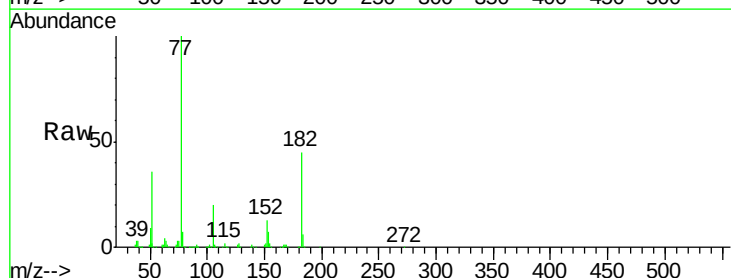
Ion Ratio Lower Upper

77 100

182 44.6 7.4 47.4

105 20.0 0.3 40.3

51 36.3 11.6 51.6

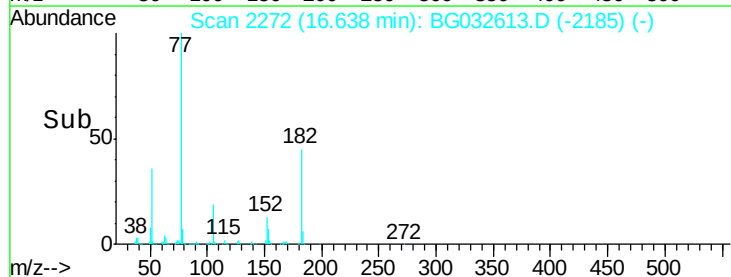
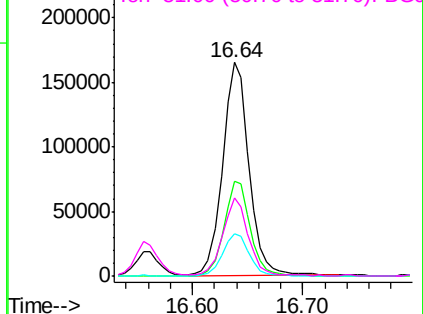


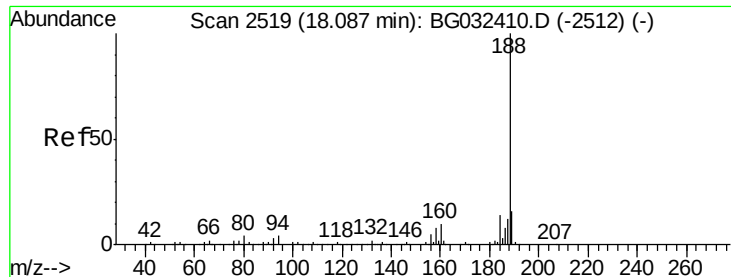
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.00 ng

RT: 18.07 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

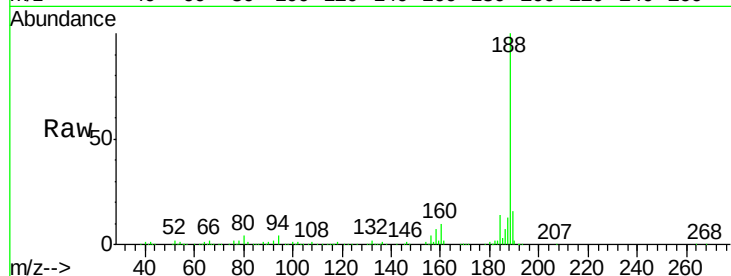
Tot Ion:188 Resp: 272753

Ion Ratio Lower Upper

188 100

94 3.7 6.9 10.3#

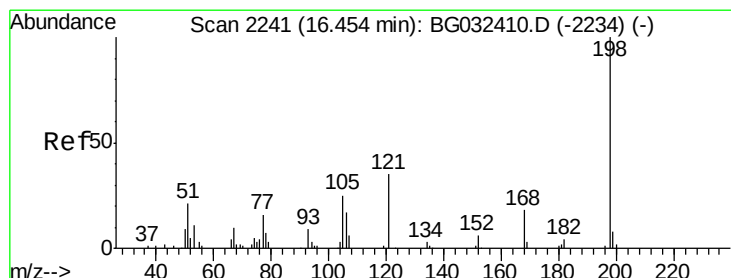
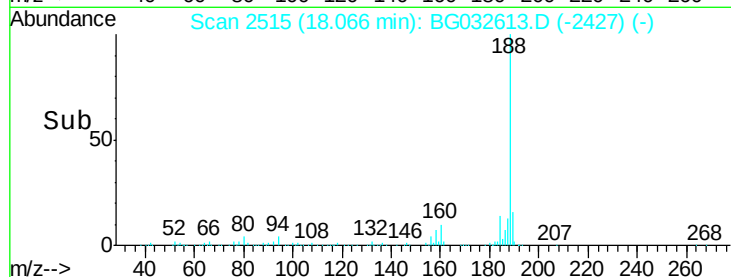
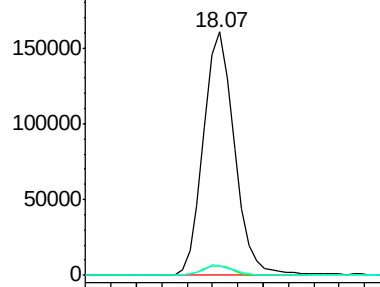
80 4.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 44.01 ng

RT: 16.43 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

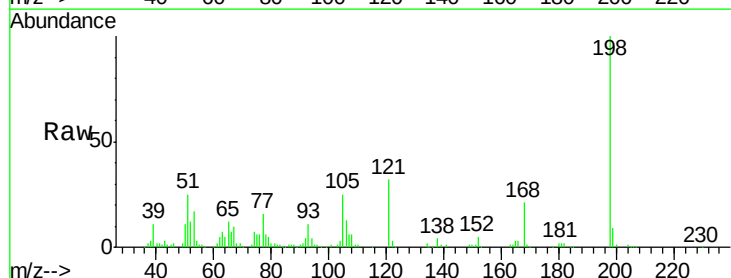
Tgt Ion:198 Resp: 89671

Ion Ratio Lower Upper

198 100

51 24.9 30.6 70.6#

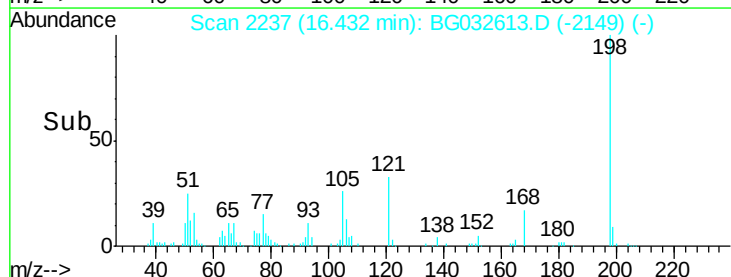
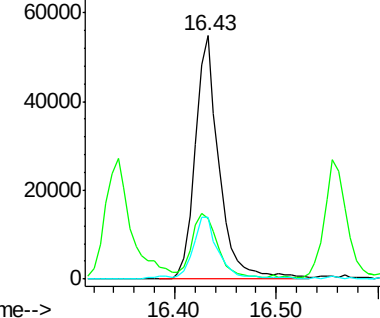
105 25.4 23.8 63.8

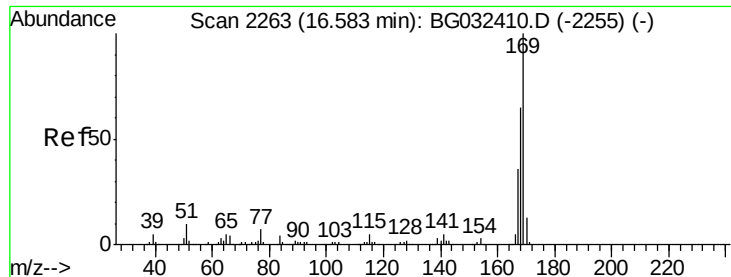


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.03 ng

RT: 16.56 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

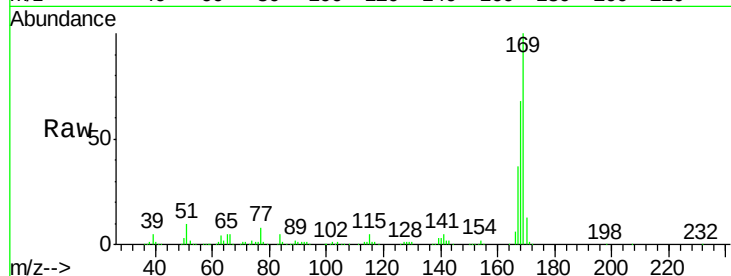
Tot Ion:169 Resp: 382855

Ion Ratio Lower Upper

169 100

168 67.8 55.7 83.5

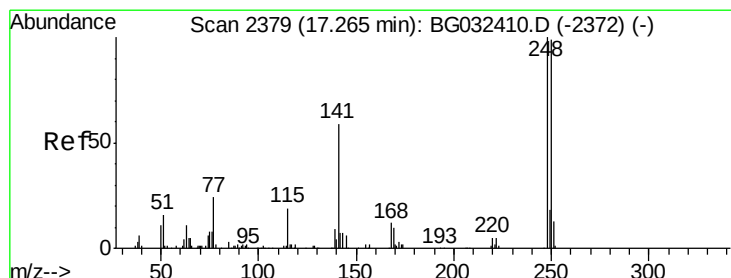
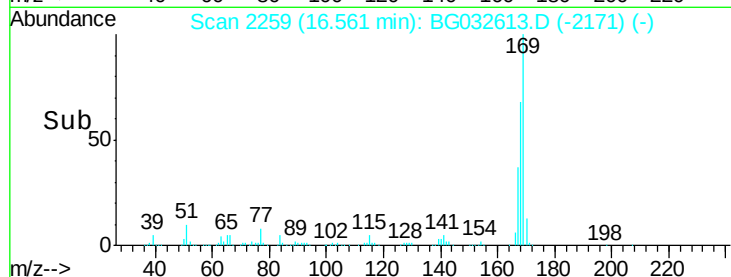
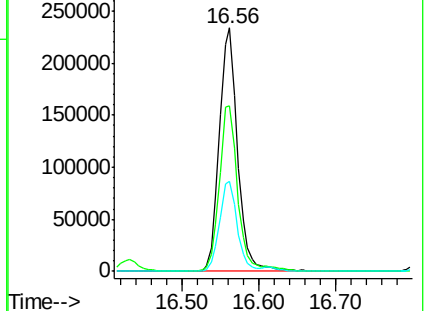
167 37.1 30.1 45.1



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: 47.22 ng

RT: 17.24 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

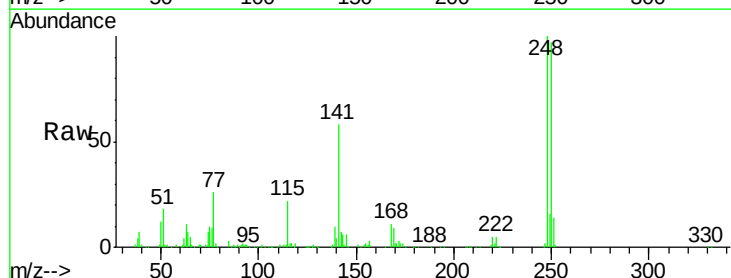
Tgt Ion:248 Resp: 190819

Ion Ratio Lower Upper

248 100

250 97.1 77.1 115.7

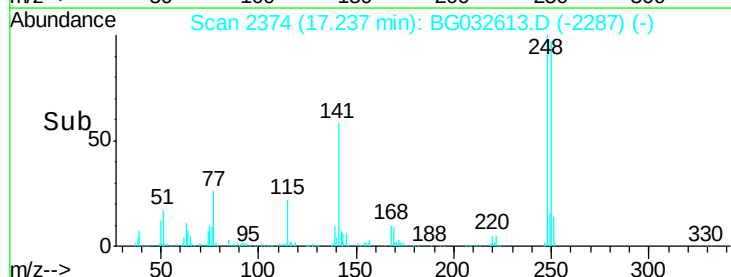
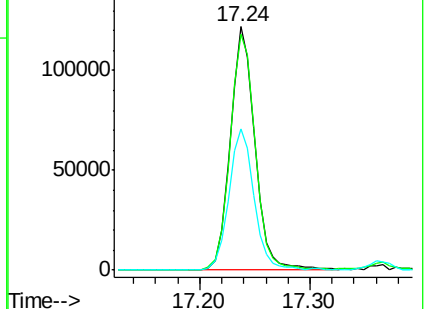
141 58.0 50.8 76.2

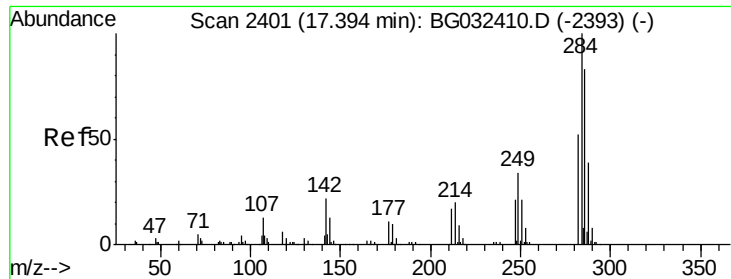


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

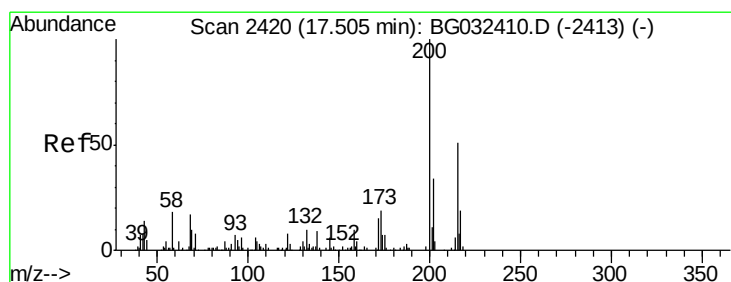
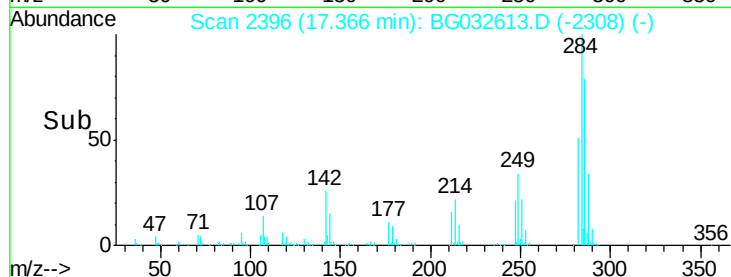
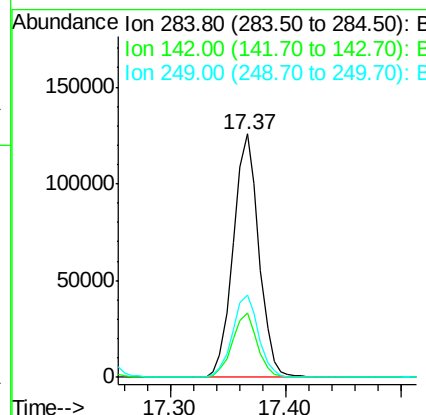
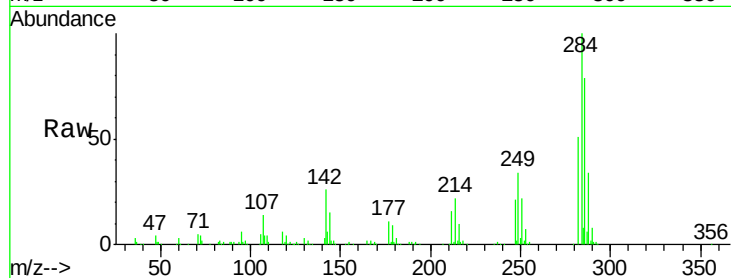




#67
Hexachlorobenzene
Concen: 43.38 ng
RT: 17.37 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

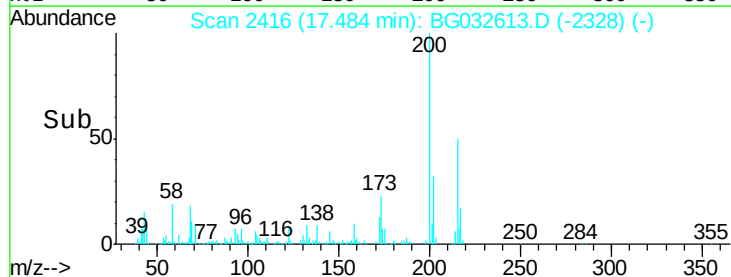
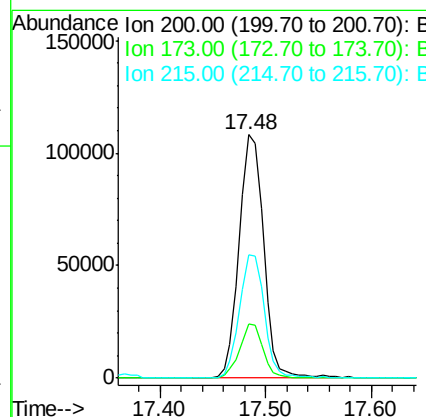
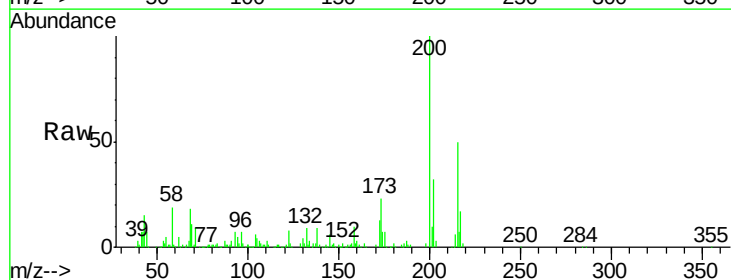
Instrument :
BNA_G
ClientSampleId :

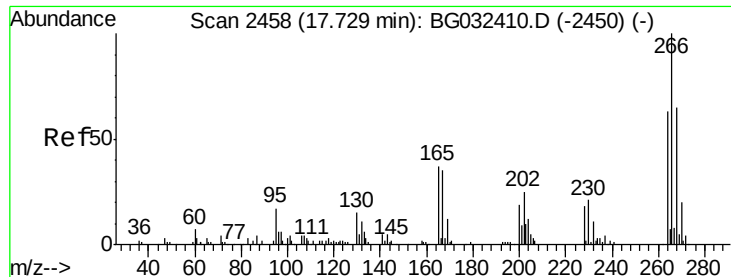
Tot Ion	Ratio	Lower	Upper
284	100		
142	26.3	26.8	40.2#
249	33.7	26.3	39.5



#68
Atrazine
Concen: 49.75 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.5	5.2	45.2
215	50.5	30.4	70.4

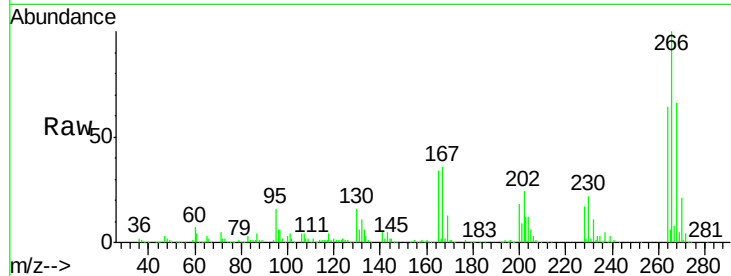




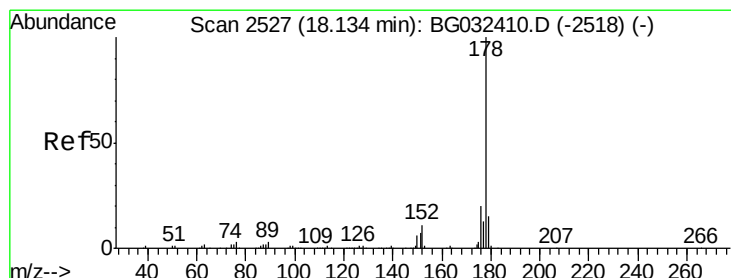
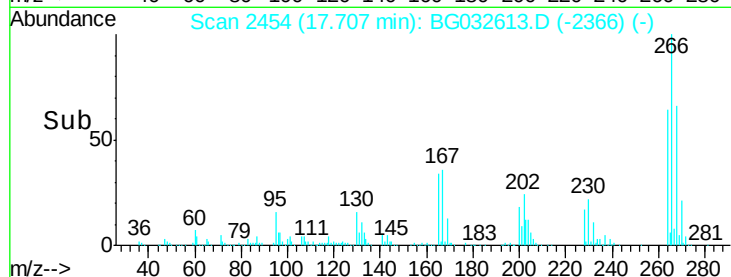
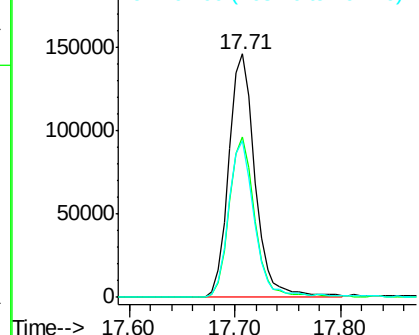
#69
 Pentachlorophenol
 Concen: 89.99 ng
 RT: 17.71 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.8	51.1	76.7
264	64.1	49.6	74.4

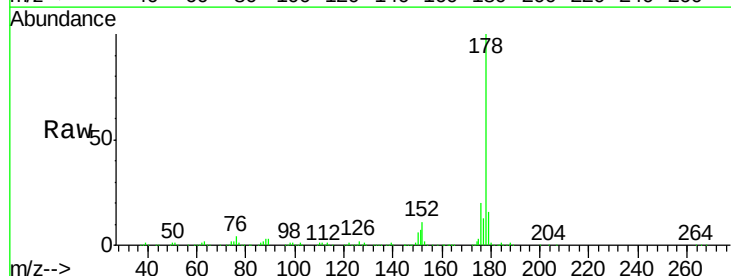


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

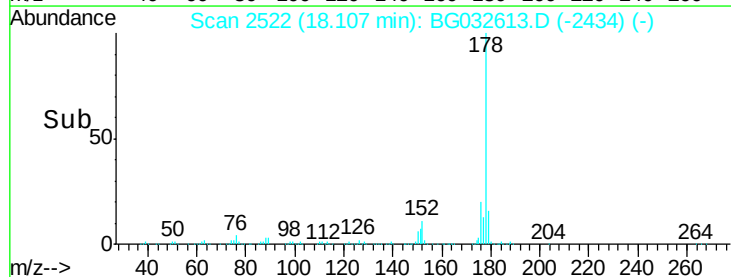
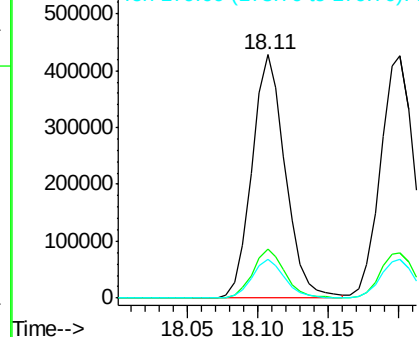


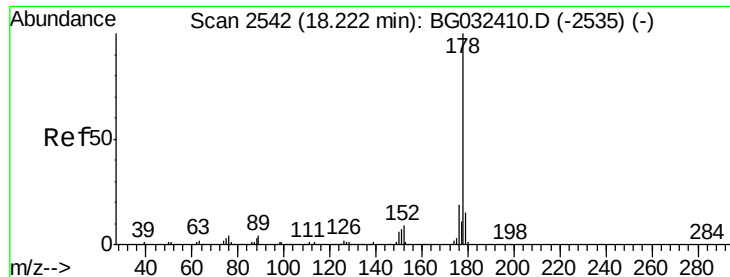
#70
 Phenanthrene
 Concen: 46.61 ng
 RT: 18.11 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.0	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

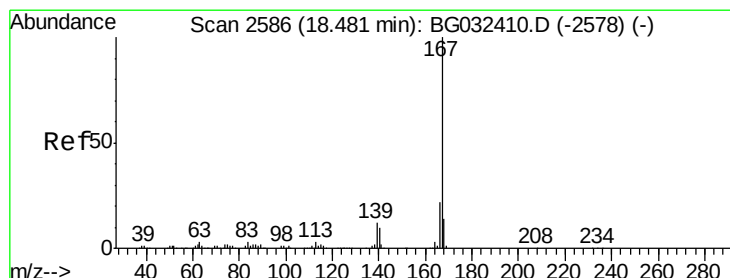
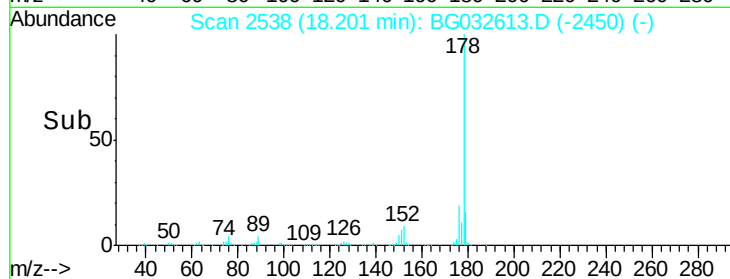
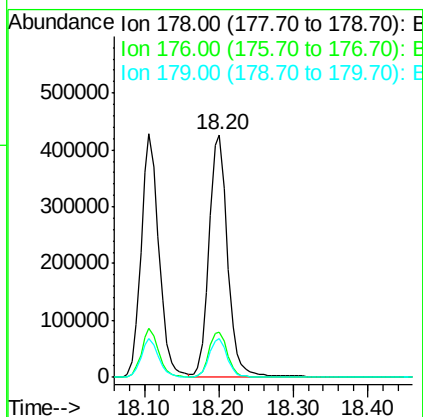
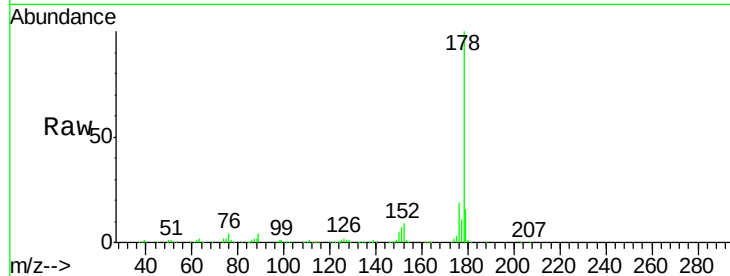




#71
 Anthracene
 Concen: 48.50 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

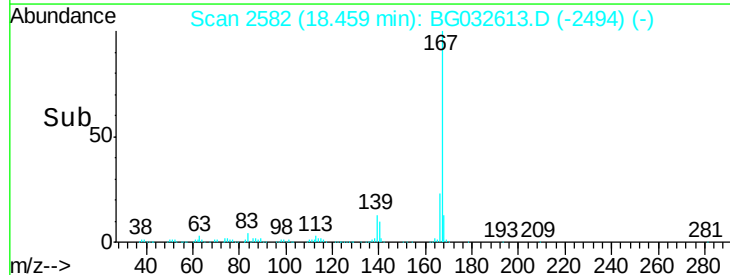
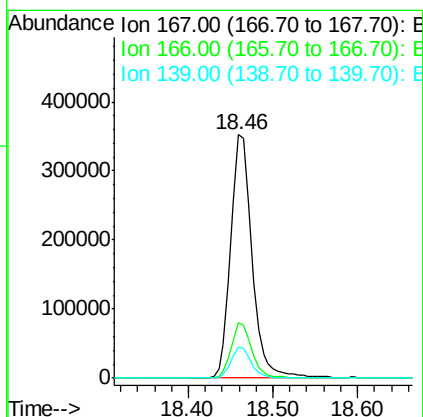
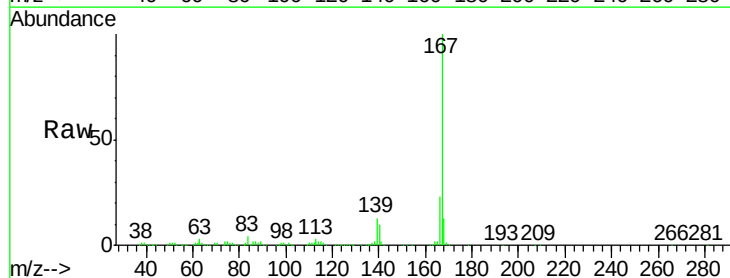
Instrument :
 BNA_G
 ClientSampled :

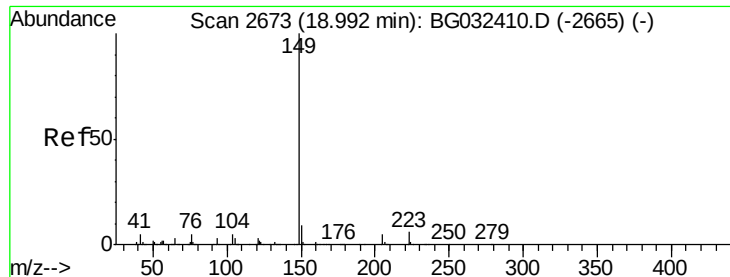
Tot Ion:178 Resp: 734500
 Ion Ratio Lower Upper
 178 100
 176 18.6 16.0 24.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 45.71 ng
 RT: 18.46 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion:167 Resp: 611691
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.4
 139 12.5 9.4 14.2

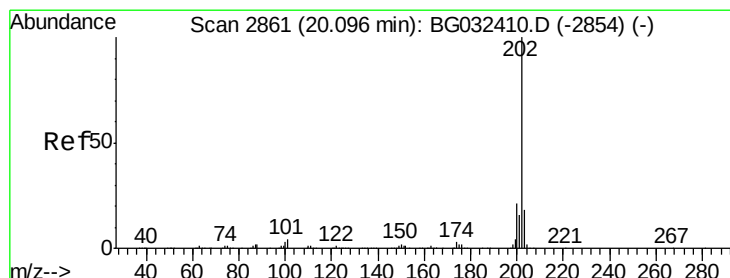
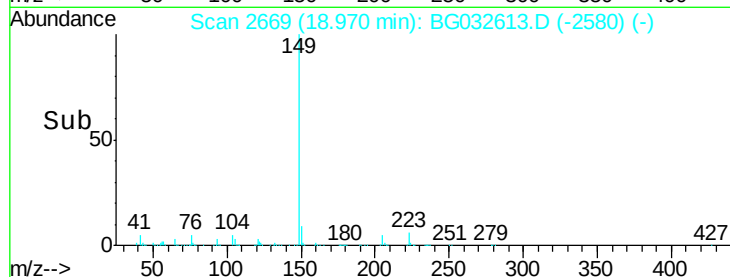
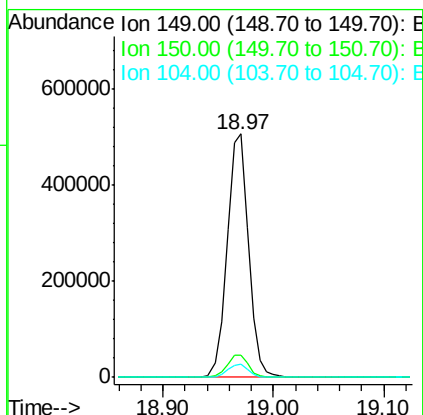
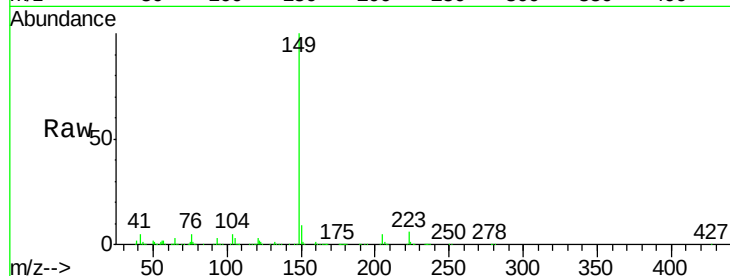




#73
Di-n-butylphthalate
Concen: 46.55 ng
RT: 18.97 min Scan# 2669
Delta R.T. -0.00 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

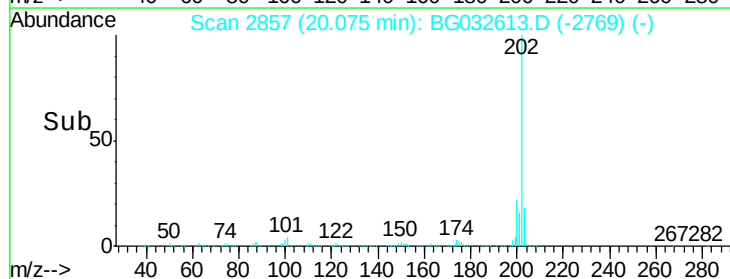
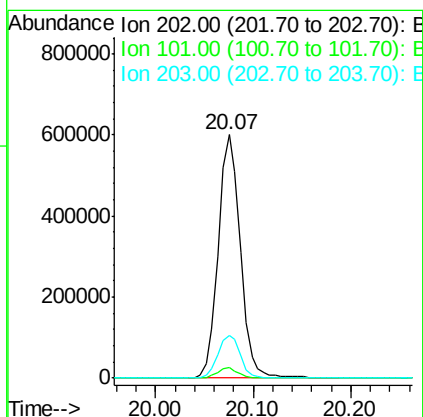
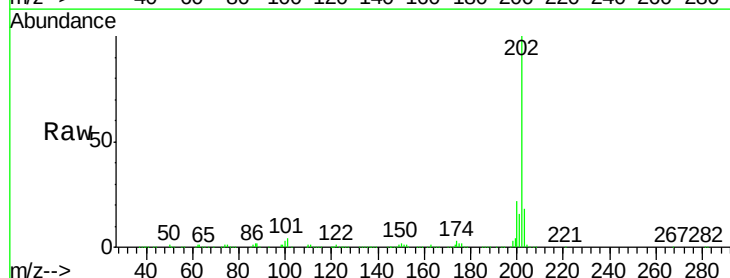
Instrument :
BNA_G
ClientSampleId :

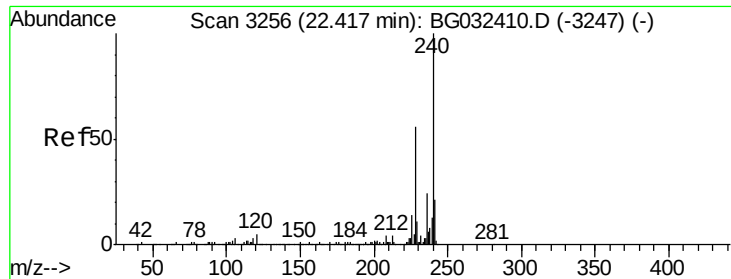
Tot Ion:149 Resp: 689676
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.6
104 5.4 3.9 5.9



#74
Fluoranthene
Concen: 47.18 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion:202 Resp: 941113
Ion Ratio Lower Upper
202 100
101 4.4 0.0 28.9
203 17.7 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

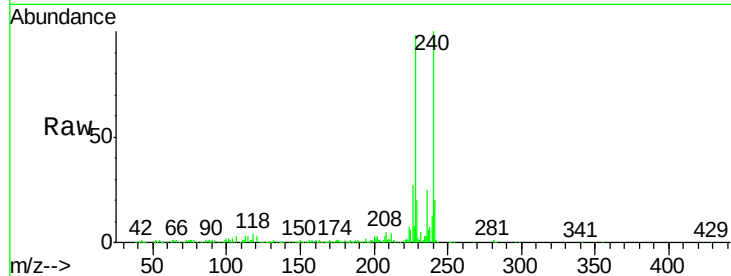
Tot Ion:240 Resp: 335372

Ion Ratio Lower Upper

240 100

120 3.3 6.8 10.2#

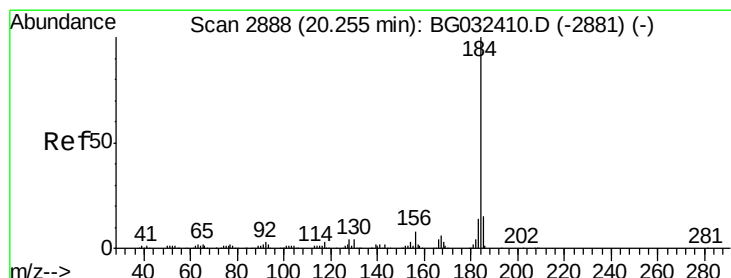
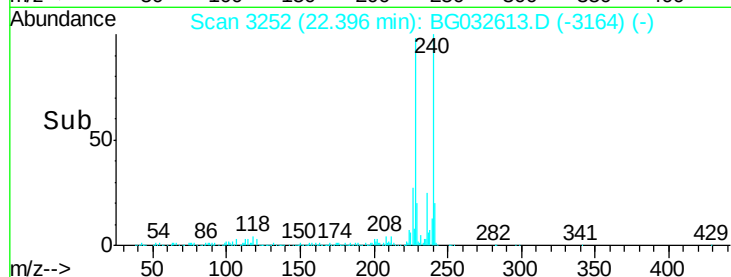
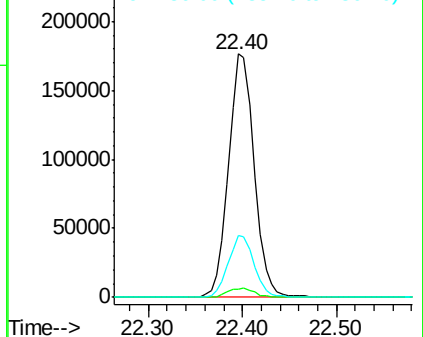
236 25.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.66 ng

RT: 20.25 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

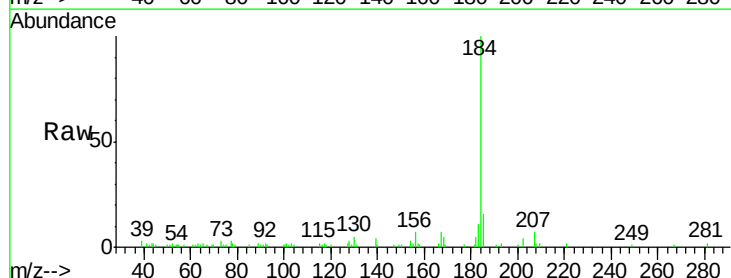
Tgt Ion:184 Resp: 63625

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

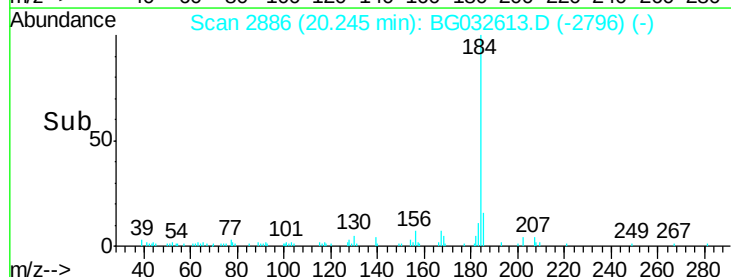
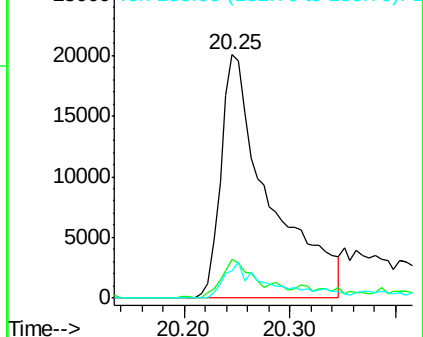
183 11.3 10.6 16.0

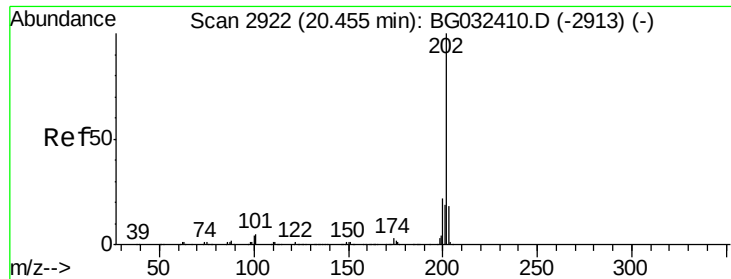


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.02 ng

RT: 20.43 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

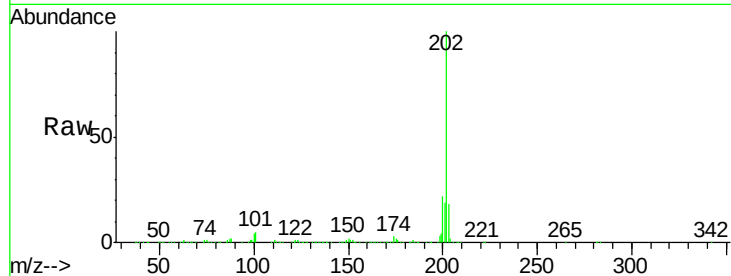
Tot Ion:202 Resp: 946625

Ion Ratio Lower Upper

202 100

200 21.9 16.9 25.3

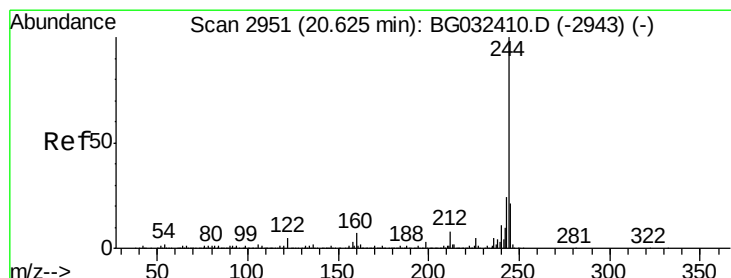
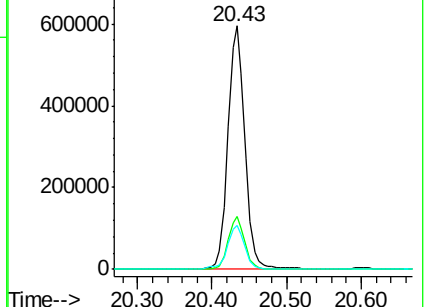
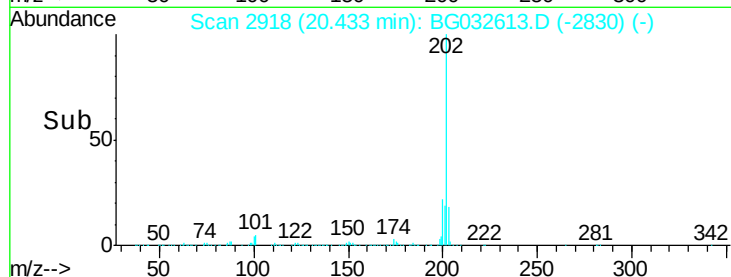
203 18.0 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 98.37 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

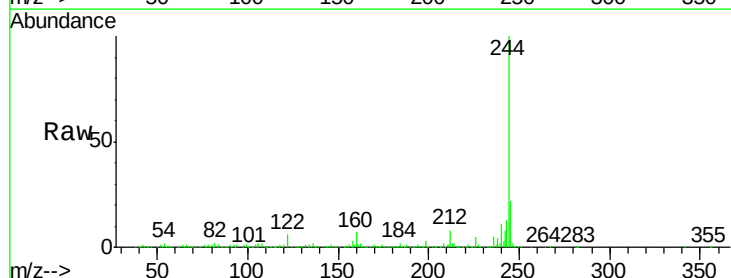
Tgt Ion:244 Resp: 1540134

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

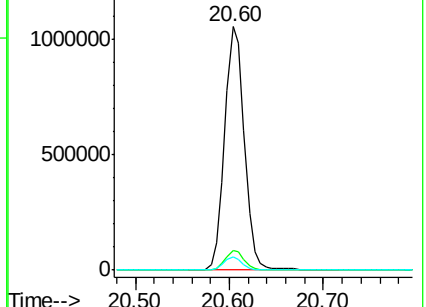
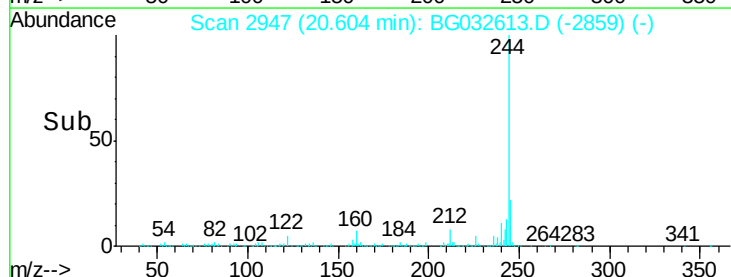
122 5.5 7.0 10.4#

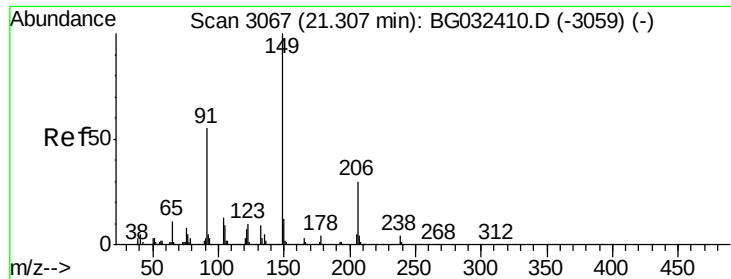


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.56 ng

RT: 21.29 min Scan# 3064

Delta R.T. -0.00 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

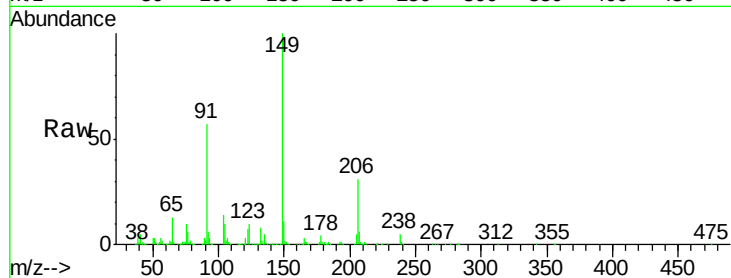
Tot Ion:149 Resp: 321532

Ion Ratio Lower Upper

149 100

91 57.2 62.2 93.2#

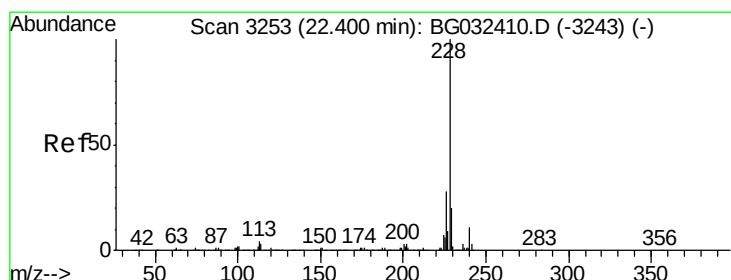
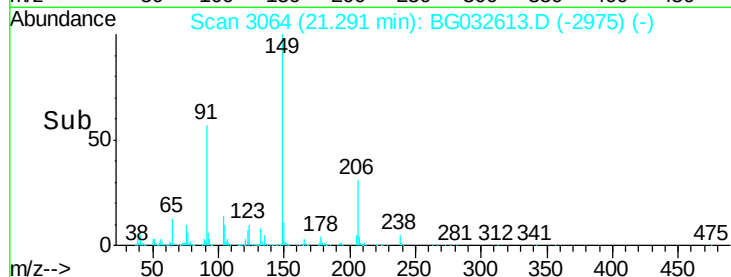
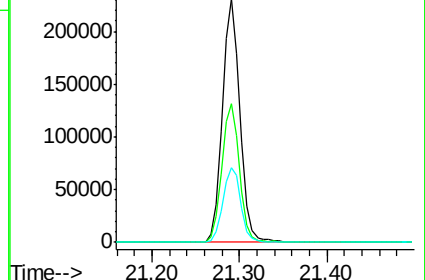
206 30.5 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.34 ng

RT: 22.38 min Scan# 3249

Delta R.T. -0.00 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

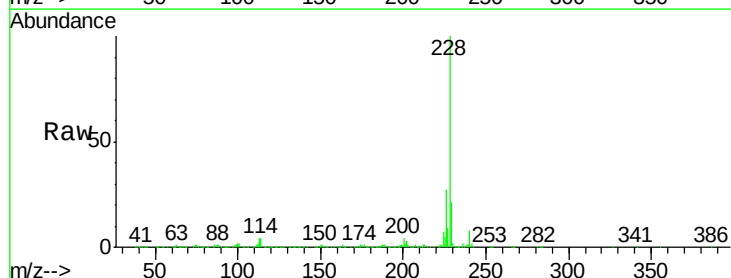
Tgt Ion:228 Resp: 1005021

Ion Ratio Lower Upper

228 100

226 27.2 22.7 34.1

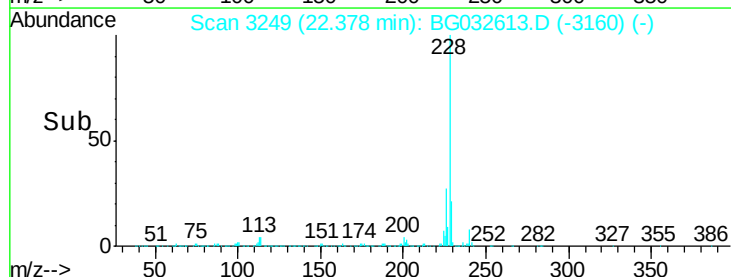
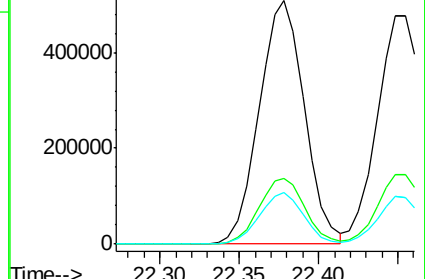
229 21.2 16.2 24.2

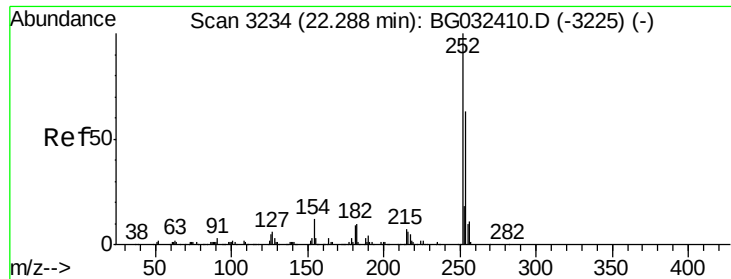


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

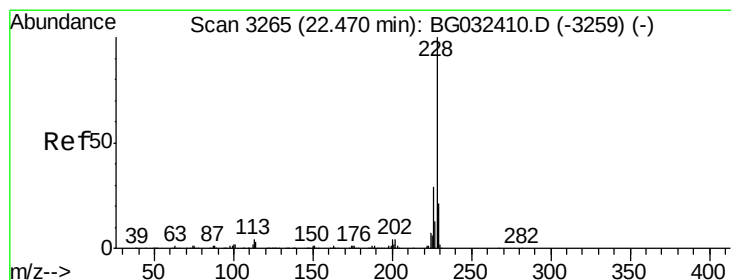
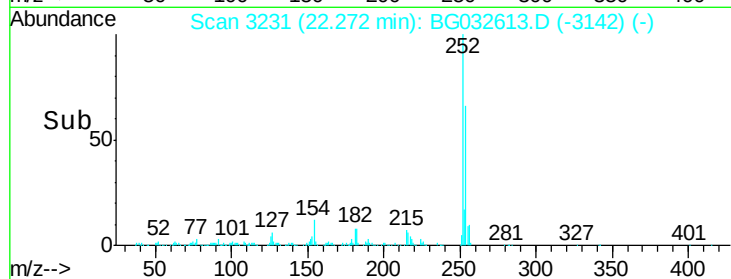
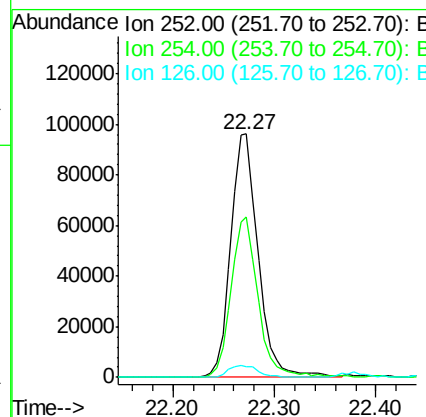
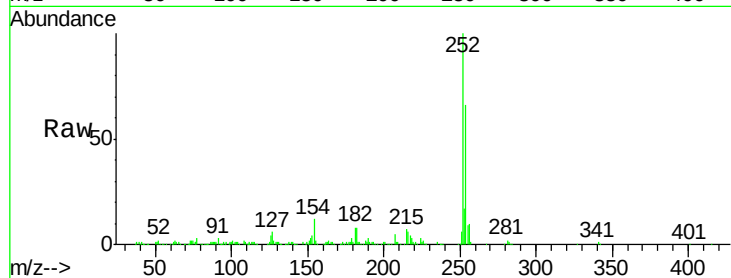




#81
 3,3'-Dichlorobenzidine
 Concen: 22.44 ng
 RT: 22.27 min Scan# 3231
 Delta R.T. -0.00 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

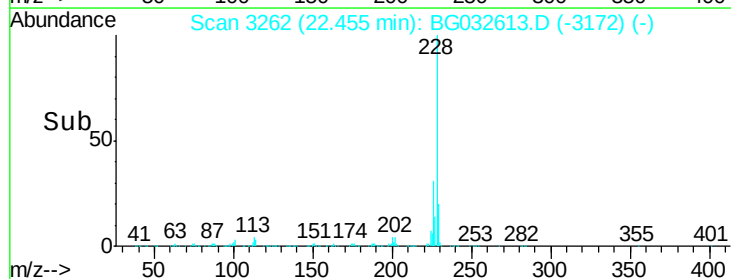
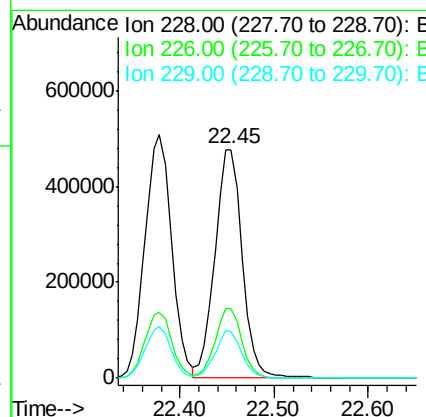
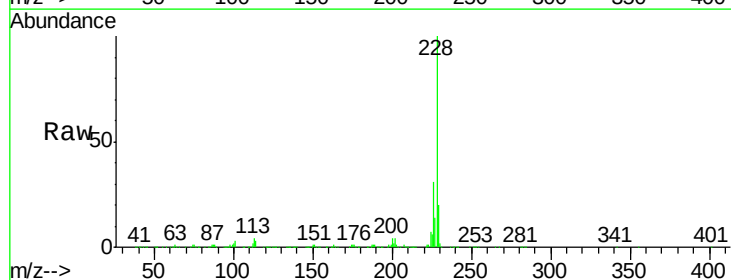
Instrument :
 BNA_G
 ClientSampleId :

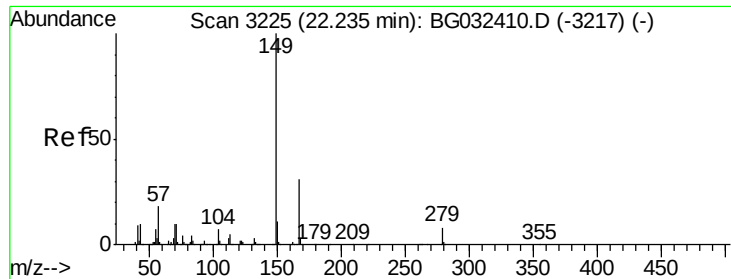
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.8	76.2
126	4.3	7.4	11.2#



#82
 Chrysene
 Concen: 48.18 ng
 RT: 22.45 min Scan# 3262
 Delta R.T. 0.00 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.3	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.99 ng

RT: 22.22 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

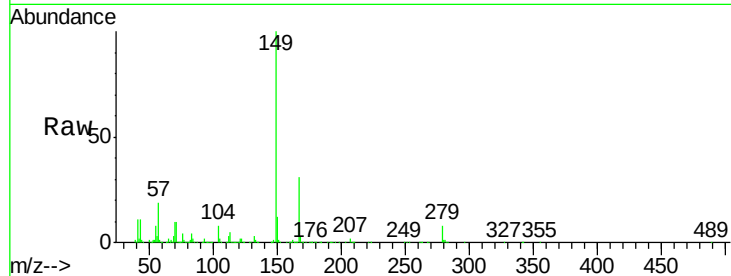
Tot Ion:149 Resp: 450733

Ion Ratio Lower Upper

149 100

167 31.4 24.3 36.5

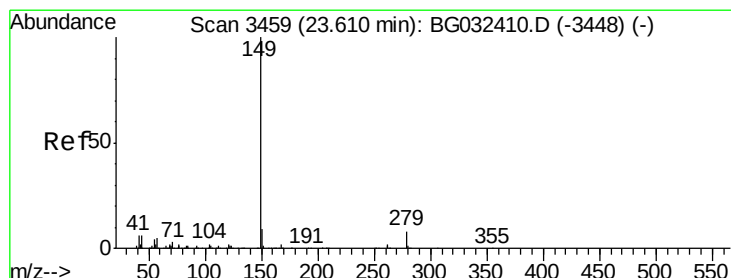
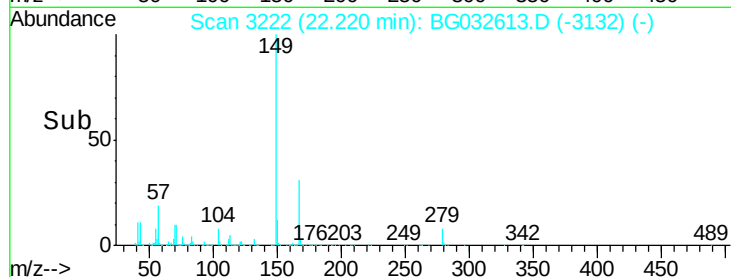
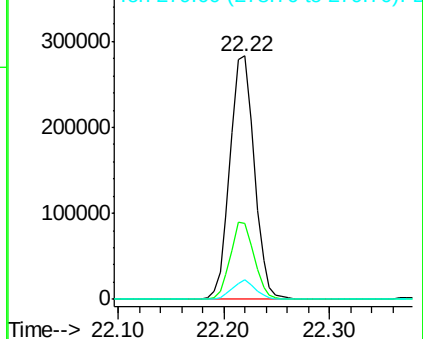
279 7.8 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.72 ng

RT: 23.58 min Scan# 3454

Delta R.T. 0.00 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

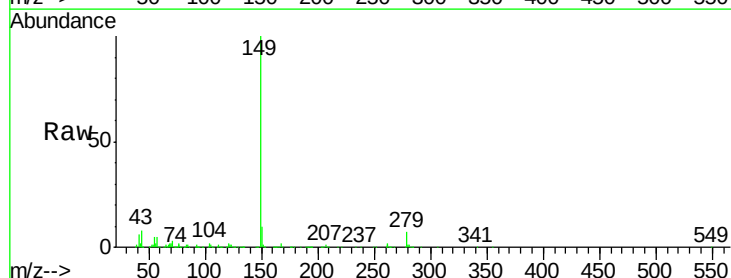
Tgt Ion:149 Resp: 783794

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

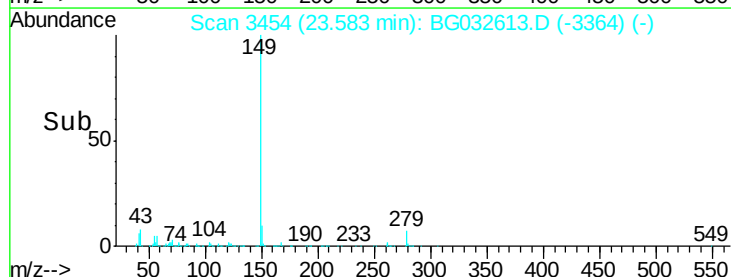
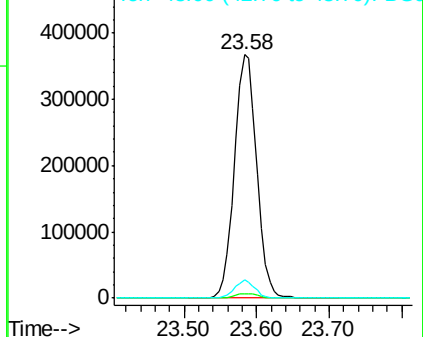
43 6.9 8.9 13.3#

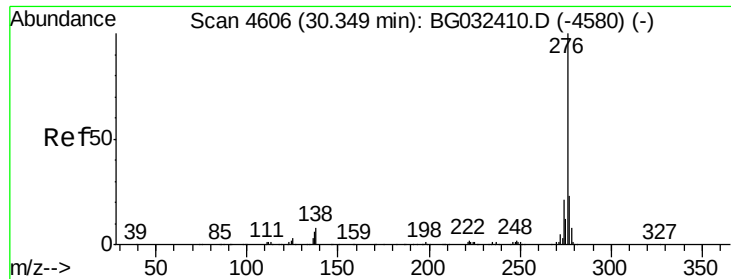


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

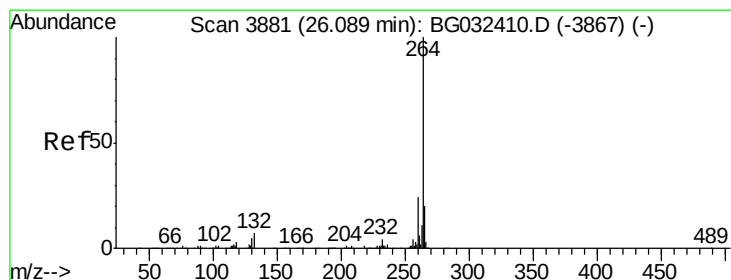
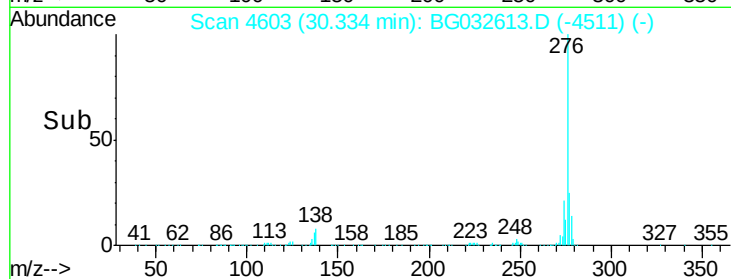
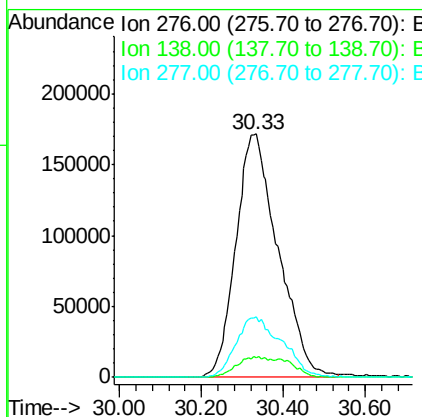
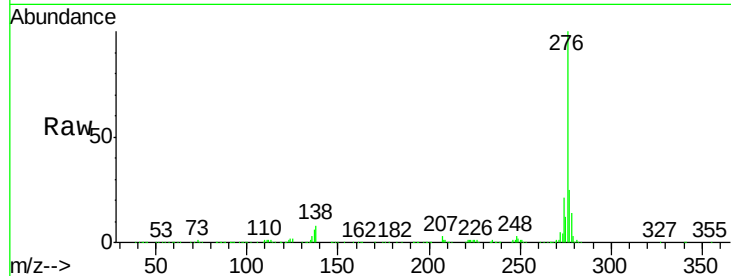




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.28 ng
 RT: 30.33 min Scan# 4603
 Delta R.T. 0.01 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

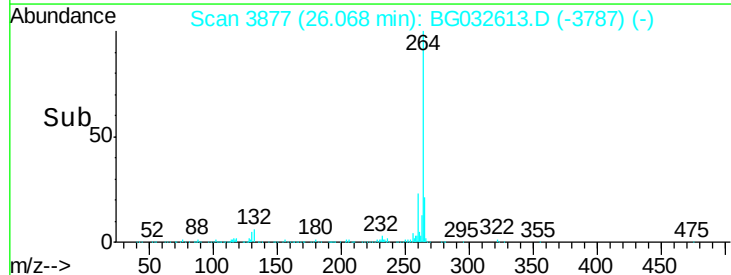
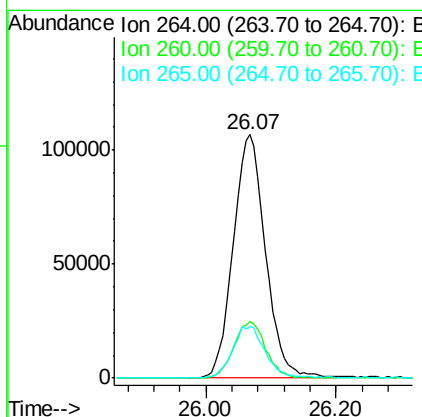
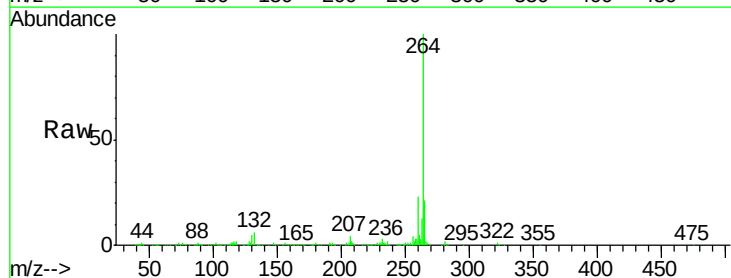
Instrument :
 BNA_G
 ClientSampleId :

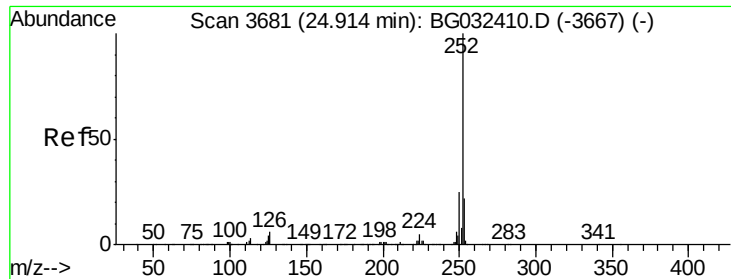
Tot Ion:276 Resp: 1226376
 Ion Ratio Lower Upper
 276 100
 138 6.8 16.0 24.0#
 277 27.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.07 min Scan# 3877
 Delta R.T. 0.00 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion:264 Resp: 366040
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.4 26.0
 265 21.2 17.7 26.5

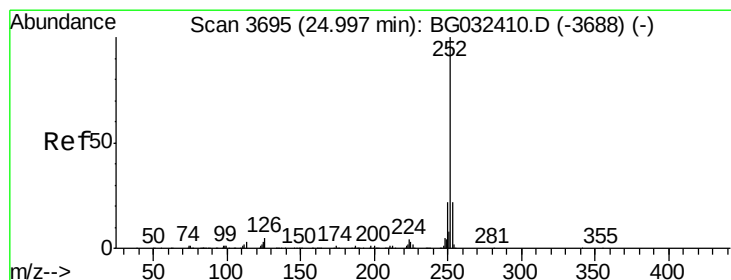
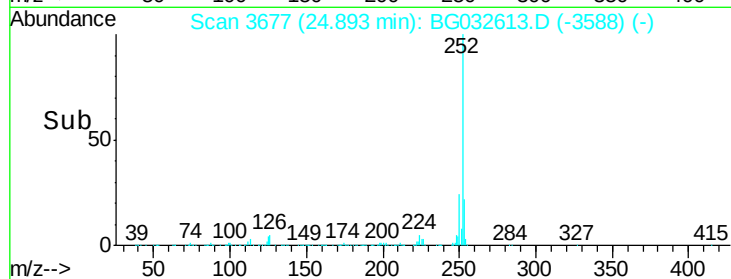
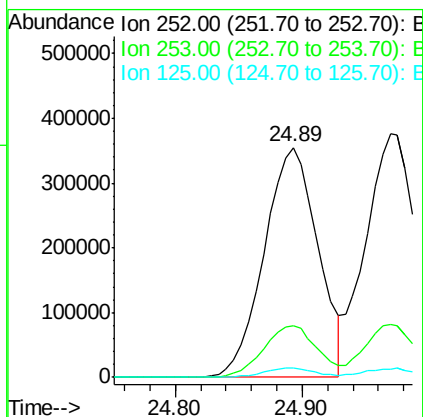
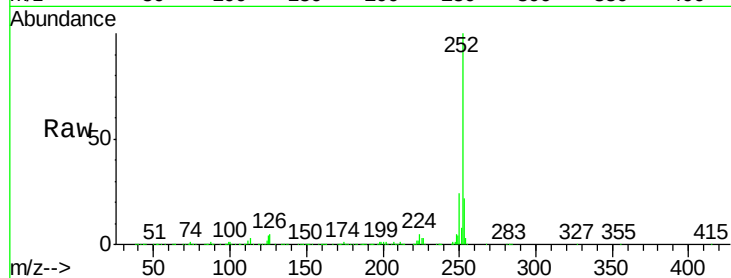




#87
Benzo(b)fluoranthene
Concen: 47.29 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

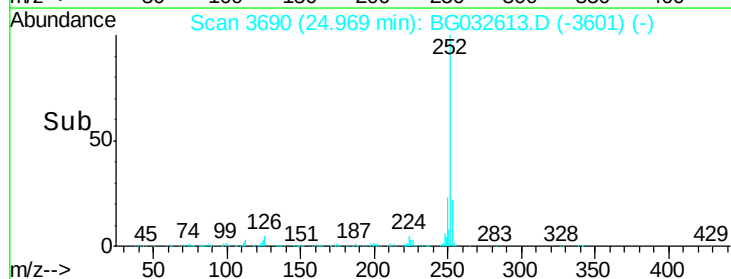
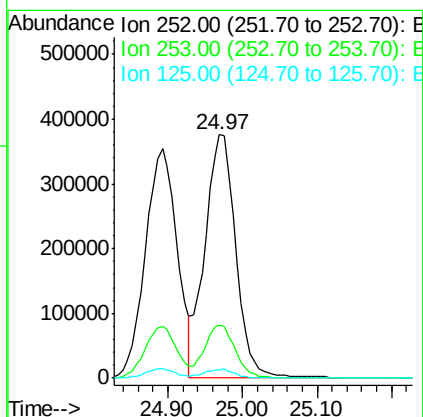
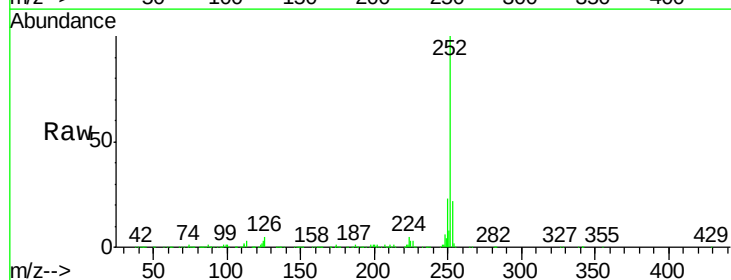
Instrument :
BNA_G
ClientSampleId :

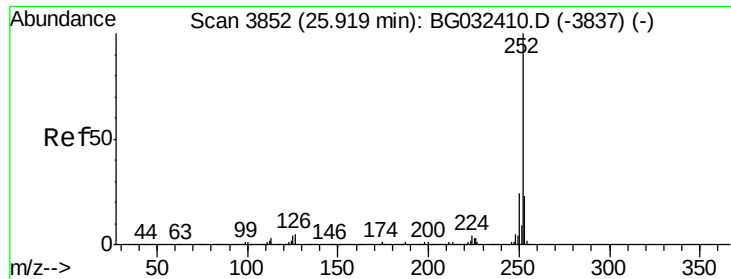
Tot Ion:252 Resp: 1045951
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 4.0 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 49.01 ng
RT: 24.97 min Scan# 3690
Delta R.T. -0.00 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion:252 Resp: 1073713
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 3.4 6.6 9.8#

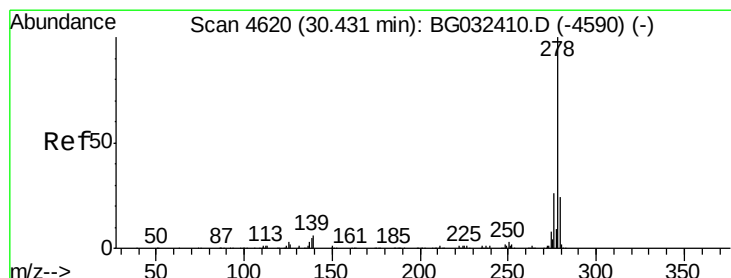
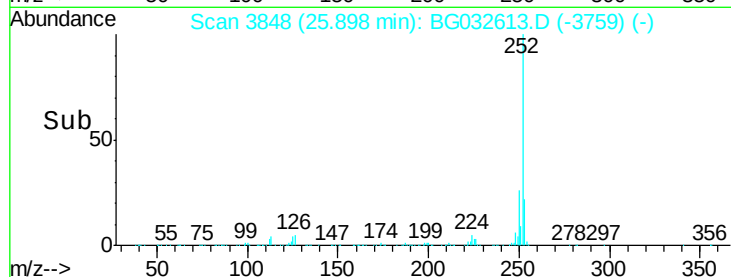
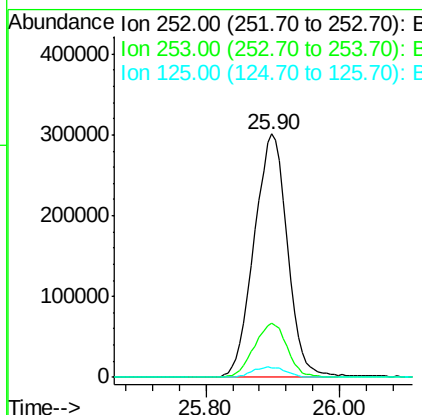
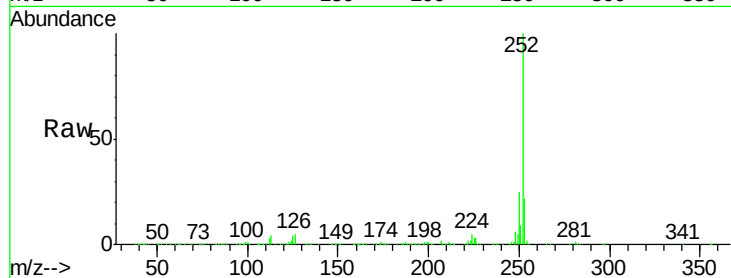




#89
Benzo(a)pyrene
Concen: 49.18 ng
RT: 25.90 min Scan# 3848
Delta R.T. -0.00 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

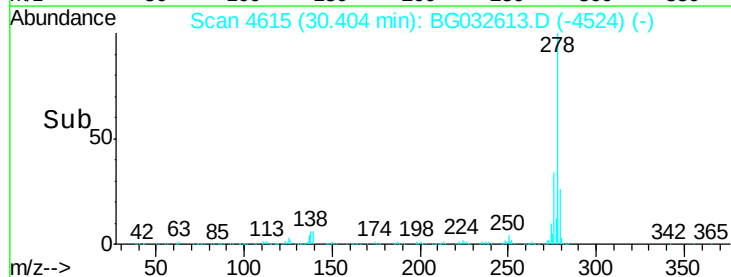
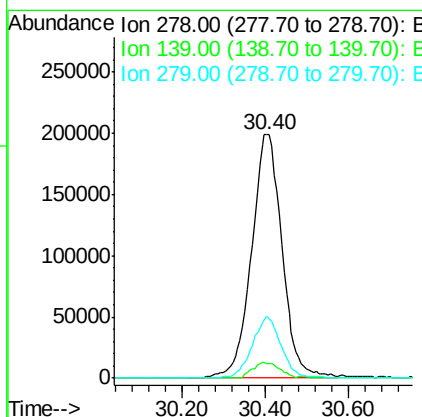
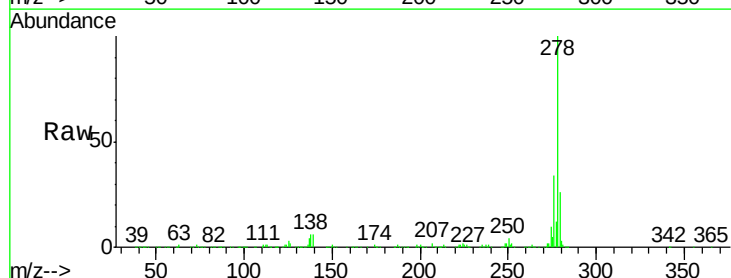
Instrument :
BNA_G
ClientSampleId :

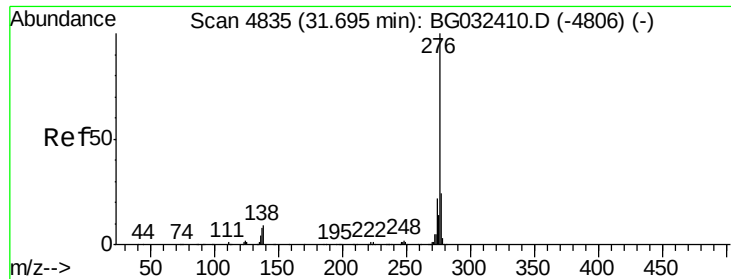
Tot Ion:252 Resp: 1037020
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 4.1 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 47.20 ng
RT: 30.40 min Scan# 4615
Delta R.T. 0.01 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion:278 Resp: 1018024
Ion Ratio Lower Upper
278 100
139 5.9 9.8 14.6#
279 25.5 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.66 ng
 RT: 31.67 min Scan# 4830
 Delta R.T. 0.01 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 276 Resp: 1020407

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.3	27.5
138	8.1	13.9	20.9

