

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032635.D
 Acq On : 9 Feb 2018 17:42
 Operator : SJ/JU
 Sample : J1499-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 09 23:20:23 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	8.69	152	30713	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	153728	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	134793	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	366170	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	353990	20.00	ng	-0.01
86) Perylene-d12	26.06	264	376125	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	222386	145.44	ng	-0.02
7) Phenol-d6	7.81	99	289813	142.03	ng	-0.02
23) Nitrobenzene-d5	9.89	82	224364	91.16	ng	-0.02
41) 2,4,6-Tribromophenol	16.81	330	322737	125.78	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	862684	76.07	ng	-0.02
78) Terphenyl-d14	20.60	244	1514782	91.66	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.79	88	20447	39.74	ng	# 83
3) Pyridine	4.25	79	56095	40.38	ng	# 86
4) n-Nitrosodimethylamine	4.15	42	42359	58.58	ng	# 72
6) Aniline	7.98	93	36440	14.32	ng	93
8) 2-Chlorophenol	8.23	128	107761	59.62	ng	85
9) Benzaldehyde	7.78	77	24366	23.12	ng	86
10) Phenol	7.84	94	108833	56.17	ng	87
11) bis(2-Chloroethyl)ether	8.07	93	76985	52.14	ng	87
12) 1,3-Dichlorobenzene	8.57	146	110728	45.30	ng	95
13) 1,4-Dichlorobenzene	8.72	146	112024	45.72	ng	92
14) 1,2-Dichlorobenzene	9.05	146	113578	47.32	ng	97
15) Benzyl Alcohol	8.92	79	100637	59.84	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.21	45	89395	63.90	ng	69
17) 2-Methylphenol	9.12	107	85999	54.64	ng	94
18) Hexachloroethane	9.80	117	39725	48.29	ng	# 84
19) n-Nitroso-di-n-propylamine	9.50	70	82609	61.06	ng	# 91
20) 3+4-Methylphenols	9.46	107	124310	56.31	ng	92
22) Acetophenone	9.53	105	163096	45.26	ng	# 93
24) Nitrobenzene	9.93	77	119835	50.35	ng	92
25) Isophorone	10.44	82	248771	59.36	ng	# 86
26) 2-Nitrophenol	10.65	139	69289	48.16	ng	# 83
27) 2,4-Dimethylphenol	10.69	122	116779	56.55	ng	90
28) bis(2-Chloroethoxy)methane	10.93	93	130218	56.66	ng	# 94
29) 2,4-Dichlorophenol	11.20	162	157303	57.50	ng	90
30) 1,2,4-Trichlorobenzene	11.41	180	154486	42.37	ng	94
31) Naphthalene	11.61	128	352952	47.01	ng	98
32) Benzoic acid	10.84	122	63315	42.15	ng	88
33) 4-Chloroaniline	11.72	127	13001	3.88	ng	# 88
34) Hexachlorobutadiene	11.88	225	117233	41.33	ng	95
35) Caprolactam	12.48	113	33856	43.11	ng	# 55
36) 4-Chloro-3-methylphenol	12.80	107	159775	61.58	ng	90
37) 2-Methylnaphthalene	13.18	142	323724	51.32	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.53	216	260803	41.36	ng	96
40) Hexachlorocyclopentadiene	13.50	237	322799	81.93	ng	91

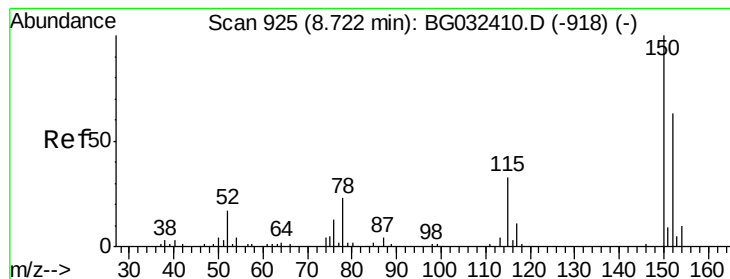
Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
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 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.76	196	171448	49.98	nq	98
43) 2,4,5-Trichlorophenol	13.85	196	196413	49.12	nq	# 92
45) 1,1'-Biphenyl	14.16	154	497615	43.70	nq	97
46) 2-Chloronaphthalene	14.21	162	387852	43.45	nq	98
47) 2-Nitroaniline	14.41	65	102543	51.95	nq	# 78
48) Acenaphthylene	15.05	152	610095	45.21	nq	98
49) Dimethylphthalate	14.76	163	597553	48.08	nq	# 98
50) 2,6-Dinitrotoluene	14.89	165	130576	50.06	nq	# 83
51) Acenaphthene	15.39	154	401299	42.88	nq	98
52) 3-Nitroaniline	15.23	138	13609	5.97	nq	# 79
53) 2,4-Dinitrophenol	15.43	184	169006	102.57	nq	# 56
54) Dibenzofuran	15.72	168	668283	48.25	nq	96
55) 4-Nitrophenol	15.52	139	132399	77.62	nq	# 77
56) 2,4-Dinitrotoluene	15.67	165	192276	51.77	nq	# 70
57) Fluorene	16.37	166	548876	47.69	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.94	232	217218	55.08	nq	# 85
59) Diethylphthalate	16.10	149	596266	49.26	nq	96
60) 4-Chlorophenyl-phenylether	16.34	204	358421	49.38	nq	93
61) 4-Nitroaniline	16.38	138	80076	32.79	nq	# 77
62) Azobenzene	16.64	77	394601	54.55	nq	86
64) 4,6-Dinitro-2-methylphenol	16.43	198	126481	46.24	nq	75
65) n-Nitrosodiphenylamine	16.56	169	529257	48.43	nq	99
66) 4-Bromophenyl-phenylether	17.24	248	270733	49.91	nq	96
67) Hexachlorobenzene	17.37	284	266904	44.46	nq	# 90
68) Atrazine	17.48	200	228181	48.64	nq	96
69) Pentachlorophenol	17.71	266	325731	86.61	nq	98
70) Phenanthrene	18.11	178	953312	46.68	nq	99
71) Anthracene	18.19	178	995514	48.96	nq	98
72) Carbazole	18.46	167	732801	40.79	nq	98
73) Di-n-butylphthalate	18.96	149	847170	42.59	nq	# 99
74) Fluoranthene	20.07	202	1081252	40.38	nq	96
76) Benzidine	20.25	184	56479	8.13	nq	96
77) Pyrene	20.43	202	1064001	49.01	nq	98
79) Butylbenzylphthalate	21.29	149	346917	50.66	nq	# 78
80) Benzo(a)anthracene	22.37	228	1101551	50.19	nq	98
81) 3,3'-Dichlorobenzidine	22.27	252	157227	18.49	nq	# 94
82) Chrysene	22.45	228	1046775	49.39	nq	97
83) Bis(2-ethylhexyl)phthalate	22.21	149	494309	50.91	nq	# 98
84) Di-n-octyl phthalate	23.58	149	863274	56.05	nq	# 90
85) Indeno(1,2,3-cd)pyrene	30.31	276	1324737	49.41	nq	# 86
87) Benzo(b)fluoranthene	24.89	252	1163330	51.19	nq	# 95
88) Benzo(k)fluoranthene	24.97	252	1140229	50.65	nq	# 96
89) Benzo(a)pyrene	25.88	252	1135047	52.39	nq	# 96
90) Dibenzo(a,h)anthracene	30.39	278	1106931	49.94	nq	# 92
91) Benzo(g,h,i)perylene	31.66	276	1099567	49.98	nq	# 90

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

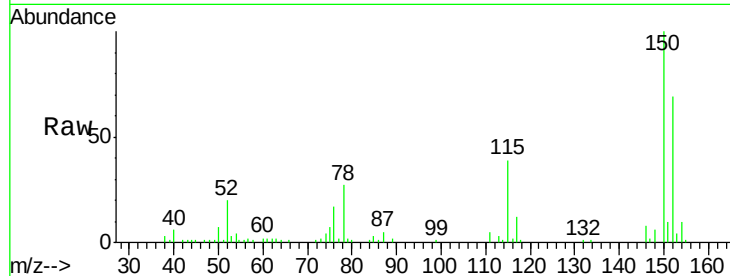


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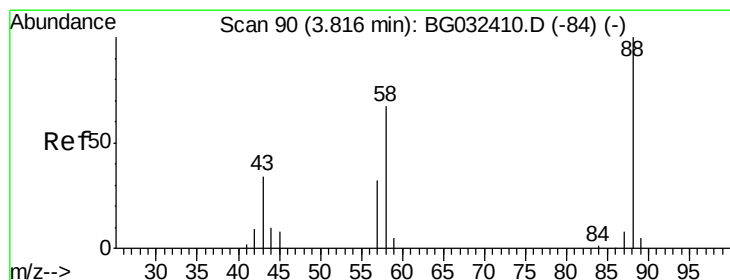
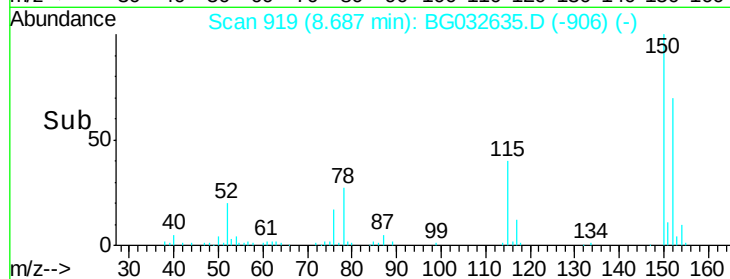
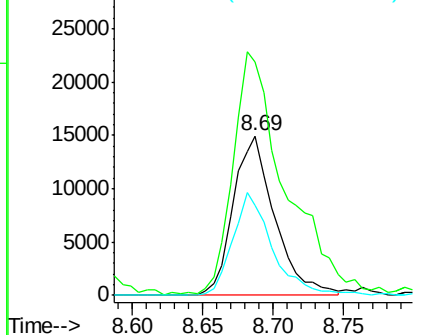
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30713
Ion Ratio Lower Upper
152 100
150 146.0 126.6 189.8
115 56.7 53.0 79.4



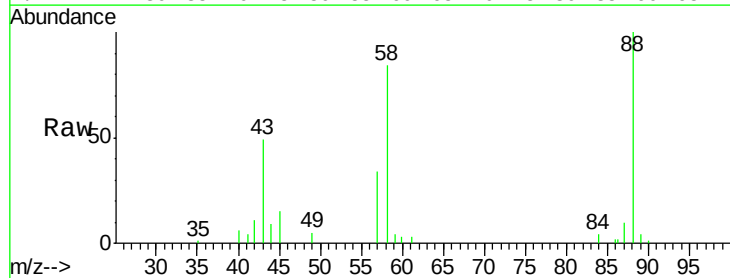
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



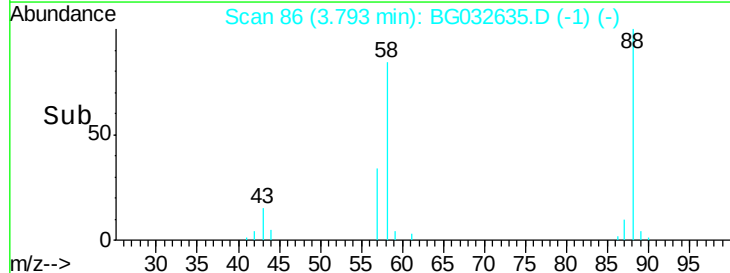
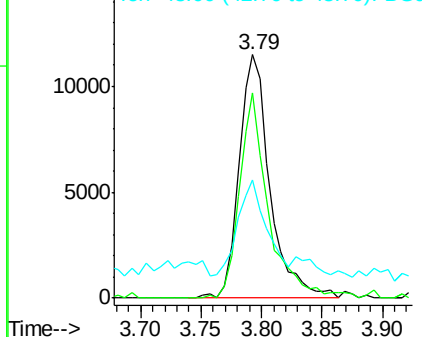
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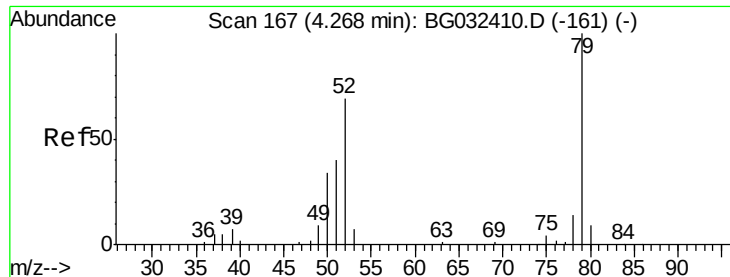
1,4-Dioxane
Concen: 39.74 ng
RT: 3.79 min Scan# 86
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion: 88 Resp: 20447
Ion Ratio Lower Upper
88 100
58 78.1 79.6 119.4#
43 36.6 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: 40.38 ng

RT: 4.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

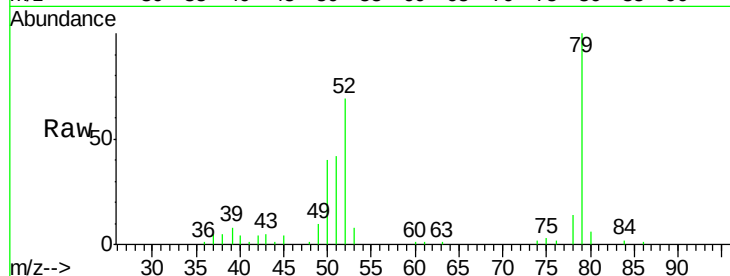
Tot Ion: 79 Resp: 56095

Ion Ratio Lower Upper

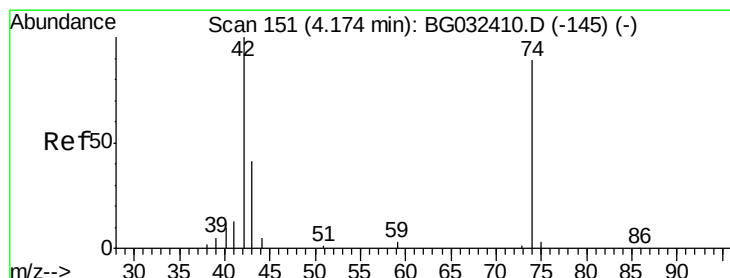
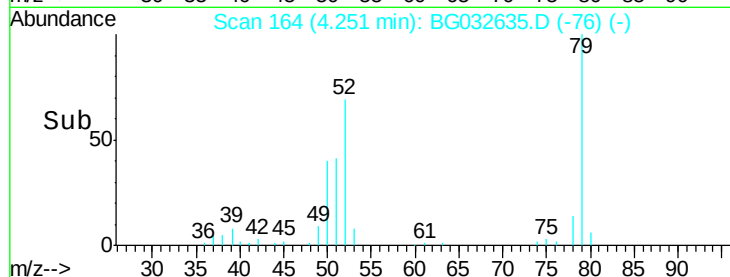
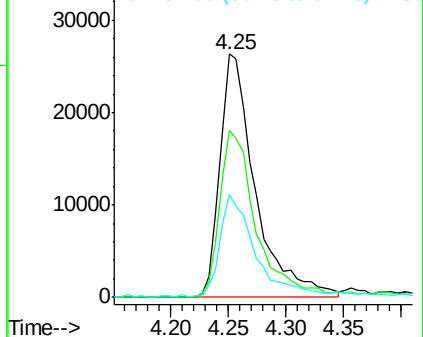
79 100

52 68.6 69.9 104.9#

51 42.4 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: 58.58 ng

RT: 4.15 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

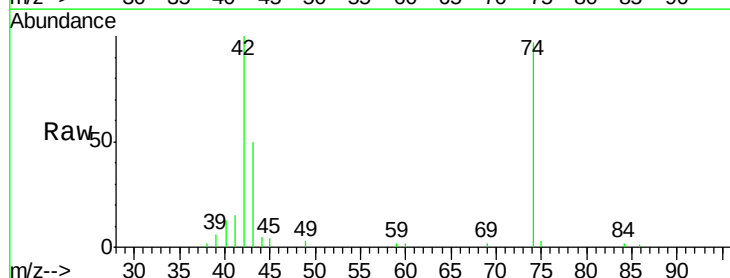
Tgt Ion: 42 Resp: 42359

Ion Ratio Lower Upper

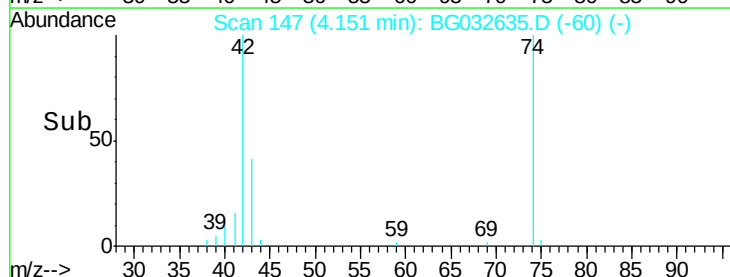
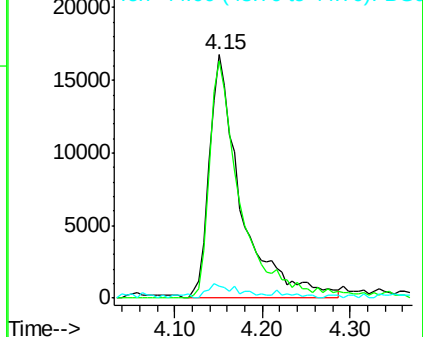
42 100

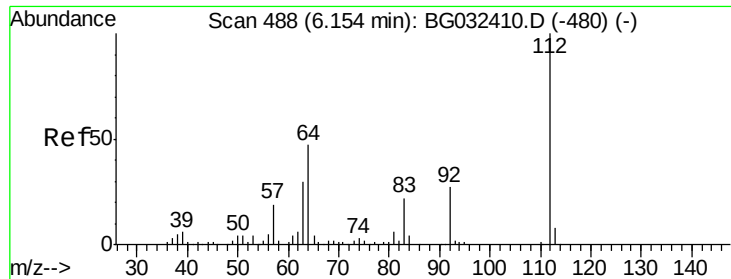
74 97.4 102.5 153.7#

44 5.2 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: 145.44 ng

RT: 6.13 min Scan# 483

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

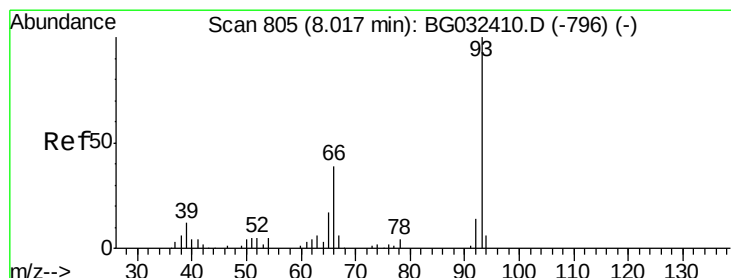
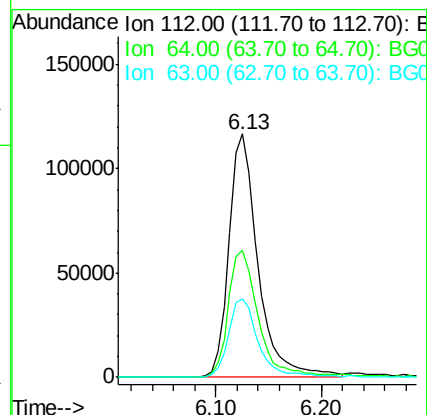
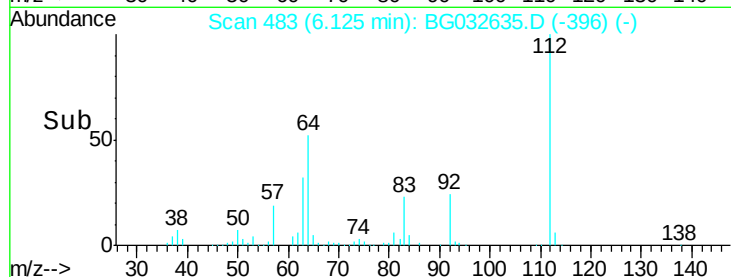
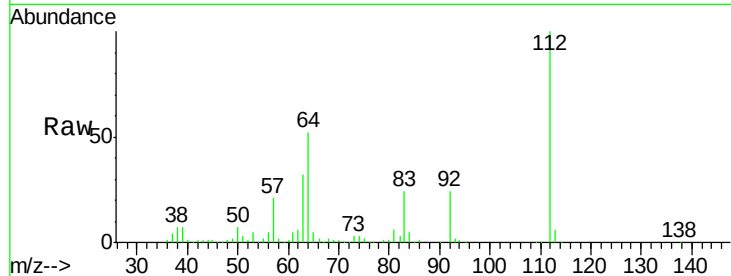
Tot Ion:112 Resp: 222386

Ion Ratio Lower Upper

112 100

64 52.1 56.3 84.5#

63 32.5 30.1 45.1



#6

Aniline

Concen: 14.32 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

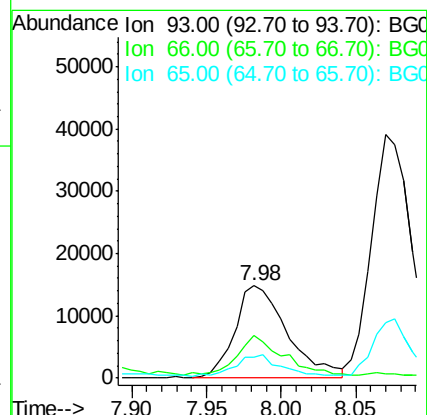
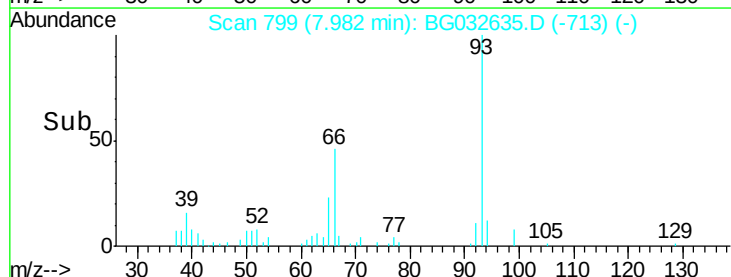
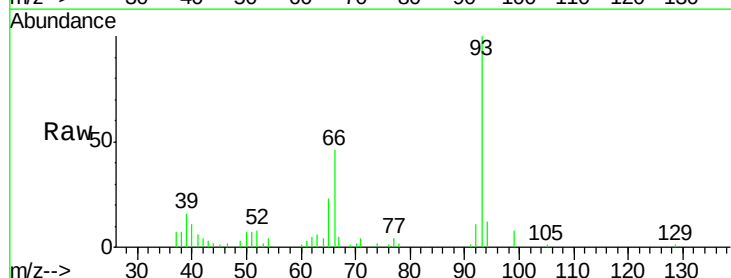
Tgt Ion: 93 Resp: 36440

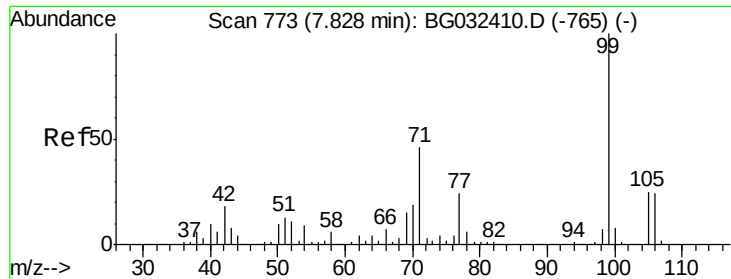
Ion Ratio Lower Upper

93 100

66 46.2 33.7 50.5

65 23.2 16.1 24.1





#7

Phenol-d6

Concen: 142.03 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

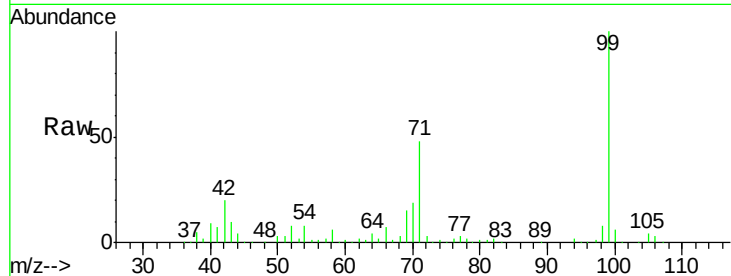
Tot Ion: 99 Resp: 289813

Ion Ratio Lower Upper

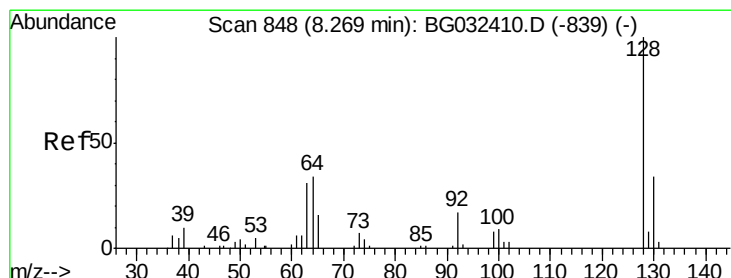
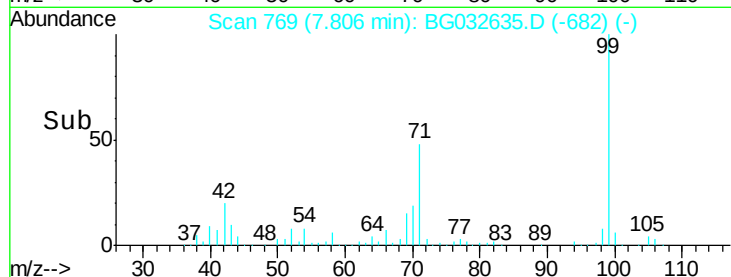
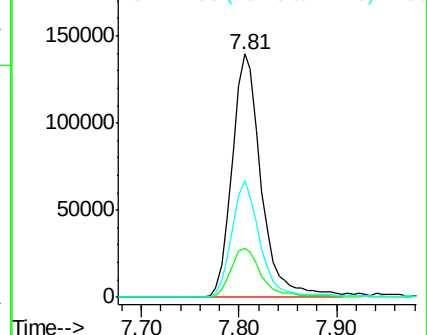
99 100

42 20.1 14.1 21.1

71 48.0 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: 59.62 ng

RT: 8.23 min Scan# 842

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

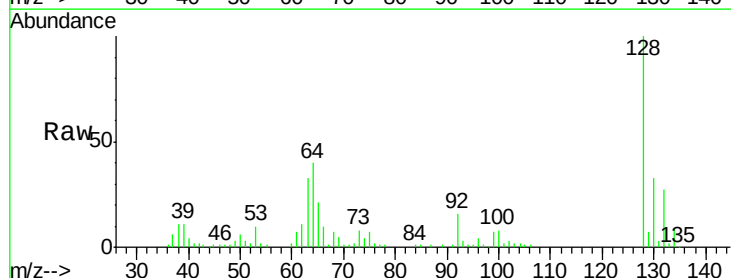
Tgt Ion:128 Resp: 107761

Ion Ratio Lower Upper

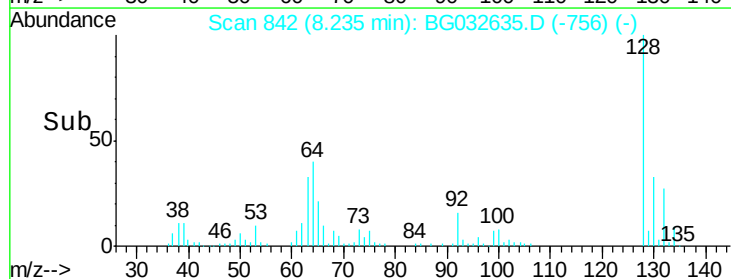
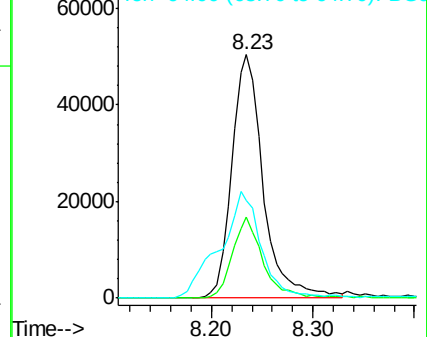
128 100

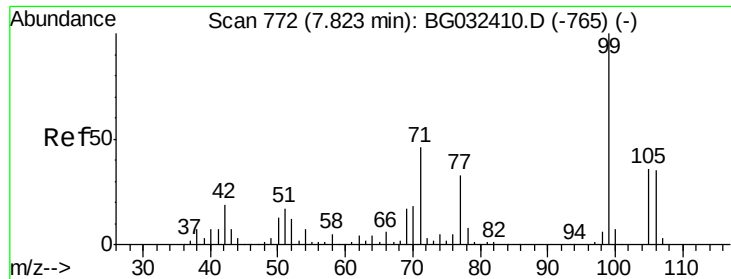
130 33.2 14.0 54.0

64 40.2 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

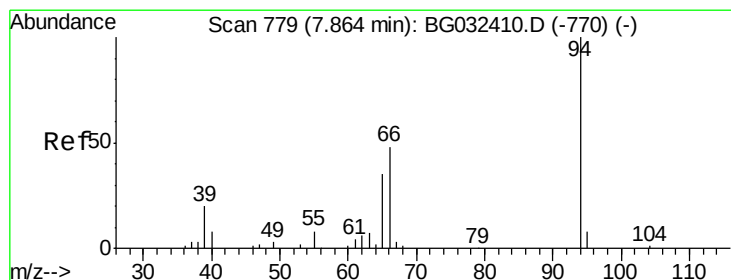
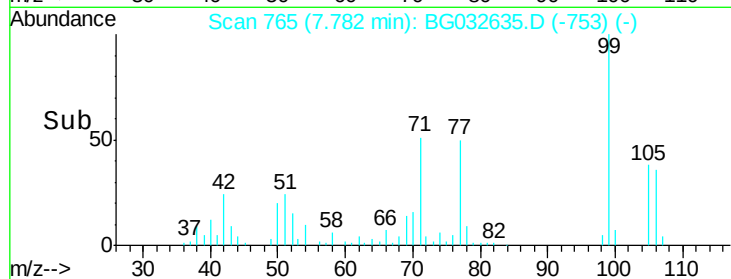
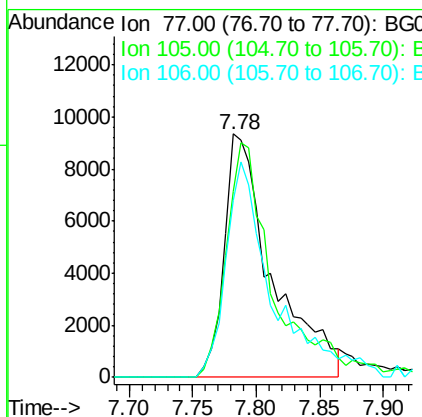
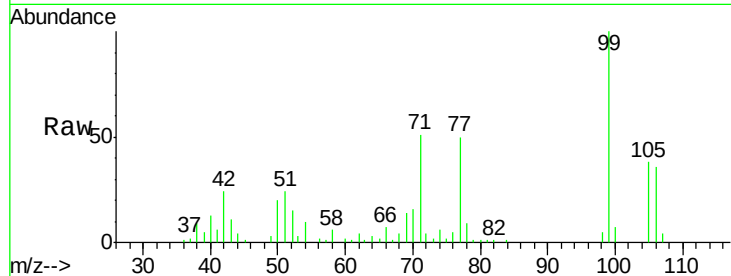




#9
Benzaldehyde
Concen: 23.12 ng
RT: 7.78 min Scan# 765
Delta R.T. -0.03 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

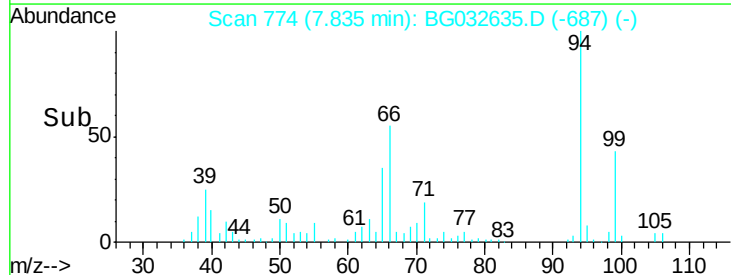
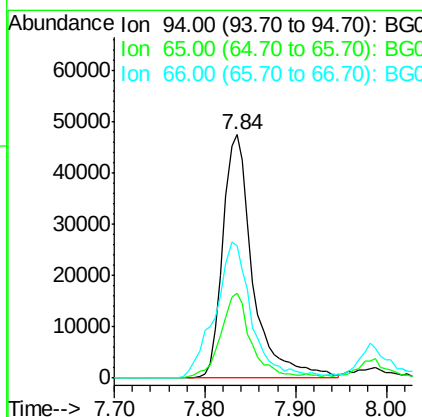
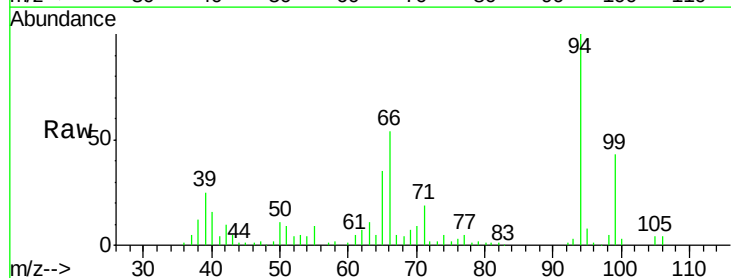
Instrument :
BNA_G
ClientSampleId :

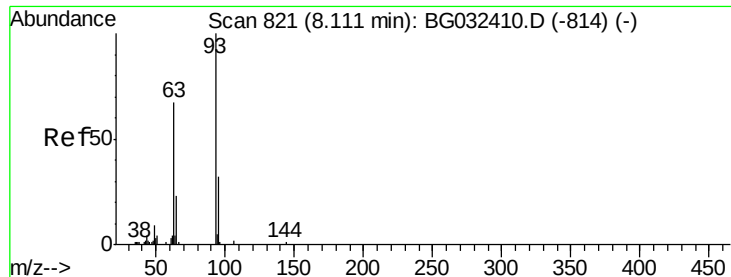
Tot Ion: 77 Resp: 24366
Ion Ratio Lower Upper
77 100
105 76.4 71.3 111.3
106 72.8 64.2 104.2



#10
Phenol
Concen: 56.17 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion: 94 Resp: 108833
Ion Ratio Lower Upper
94 100
65 35.1 11.9 51.9
66 54.4 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 52.14 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.03 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

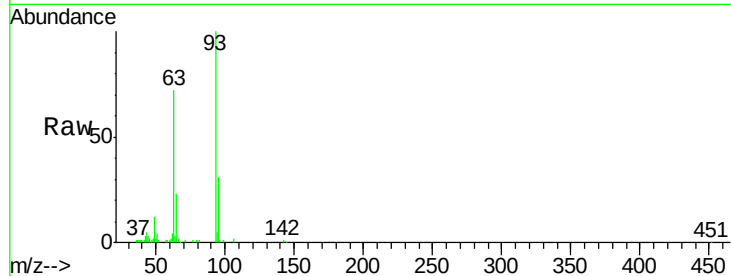
Tot Ion: 93 Resp: 76985

Ion Ratio Lower Upper

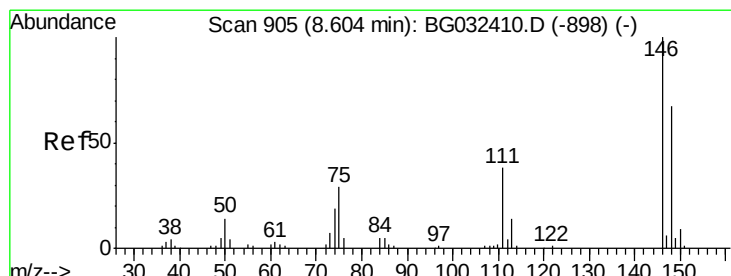
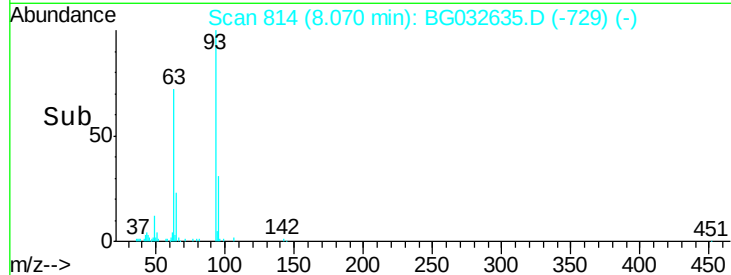
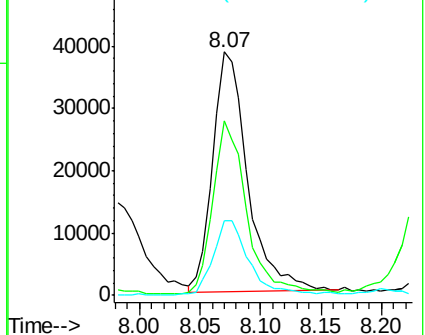
93 100

63 71.7 67.1 107.1

95 30.9 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 45.30 ng

RT: 8.57 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

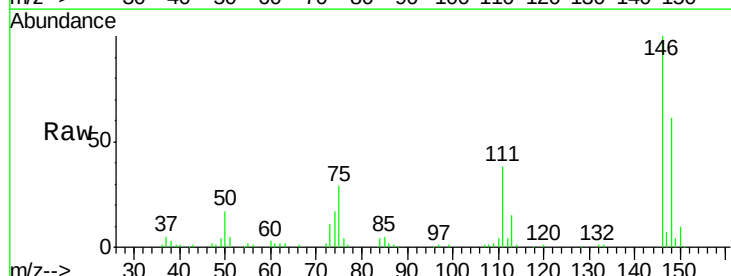
Tgt Ion: 146 Resp: 110728

Ion Ratio Lower Upper

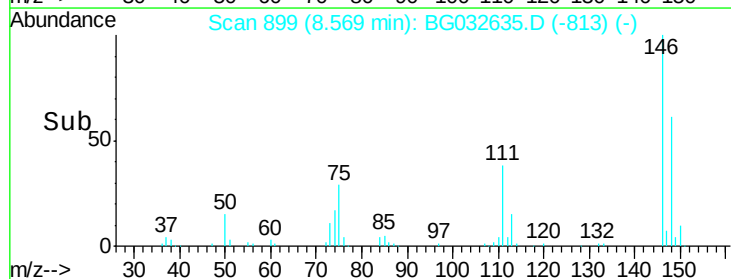
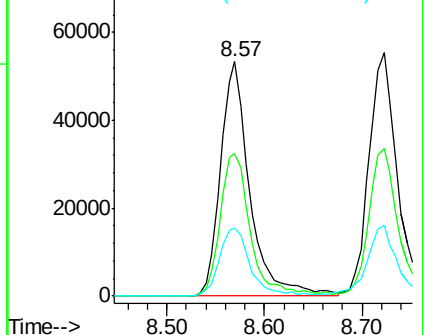
146 100

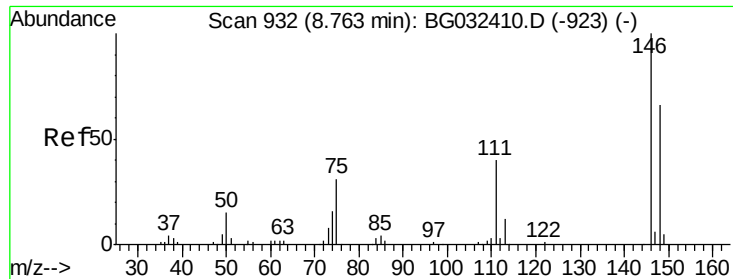
148 60.9 51.4 77.2

75 29.3 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

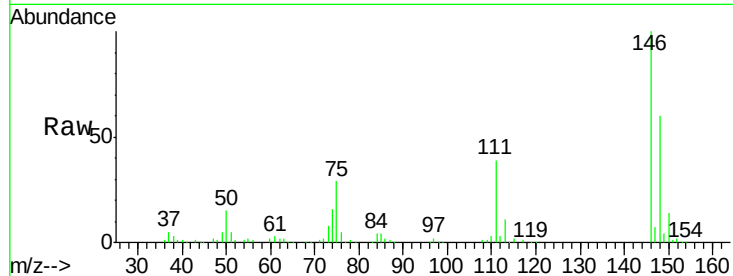




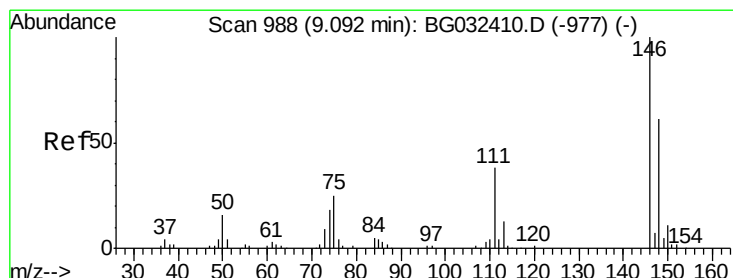
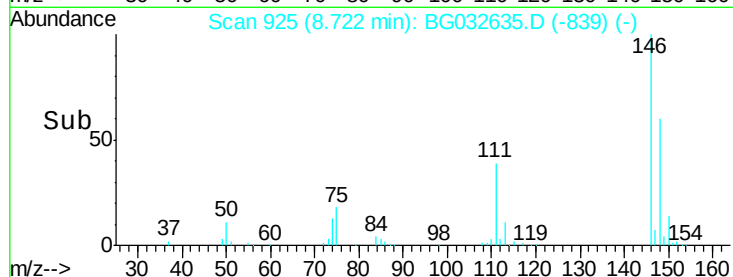
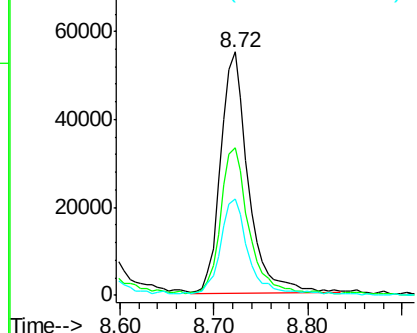
#13
 1,4-Dichlorobenzene
 Concen: 45.72 ng
 RT: 8.72 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 112024
 Ion Ratio Lower Upper
 146 100
 148 60.5 53.7 80.5
 111 39.4 35.2 52.8

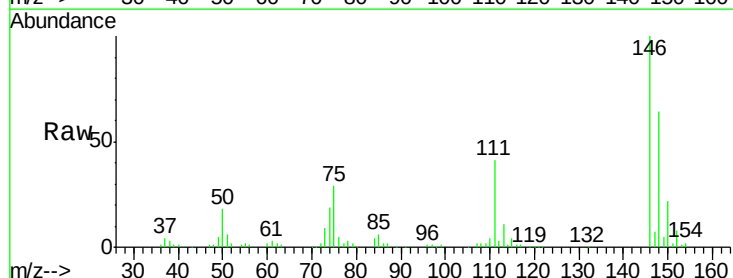


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

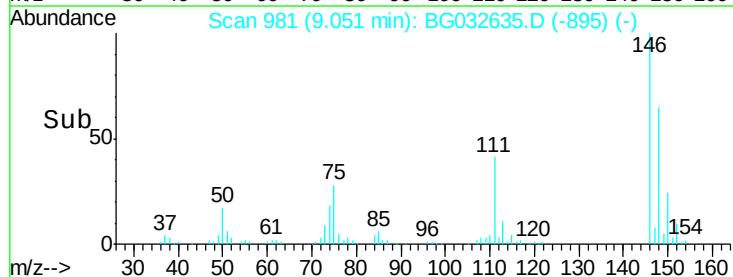
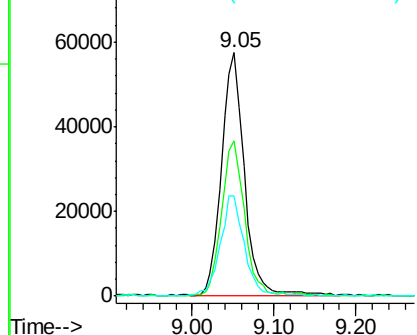


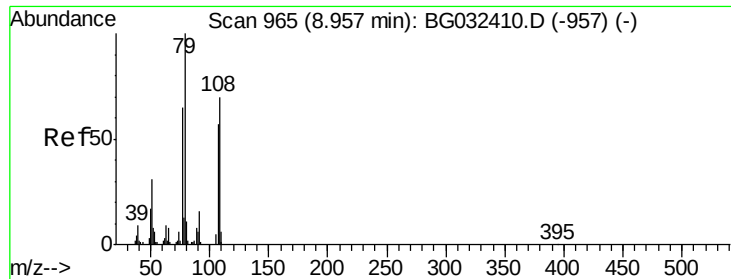
#14
 1,2-Dichlorobenzene
 Concen: 47.32 ng
 RT: 9.05 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion:146 Resp: 113578
 Ion Ratio Lower Upper
 146 100
 148 63.7 49.3 73.9
 111 41.2 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 59.84 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

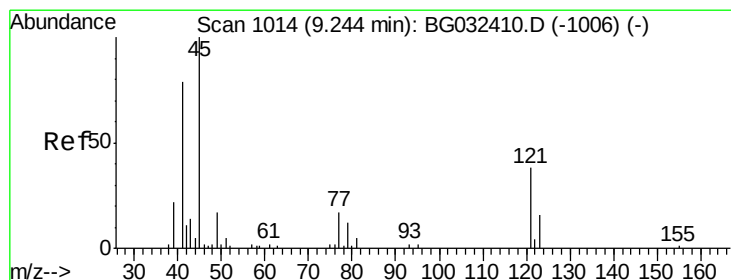
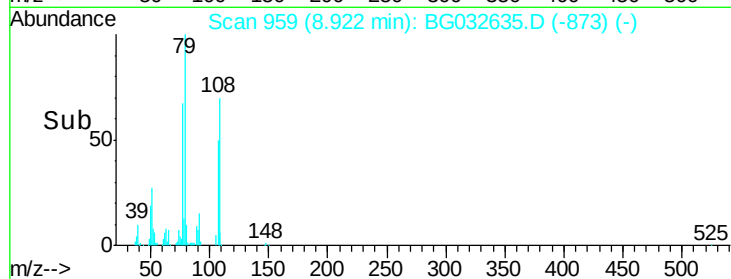
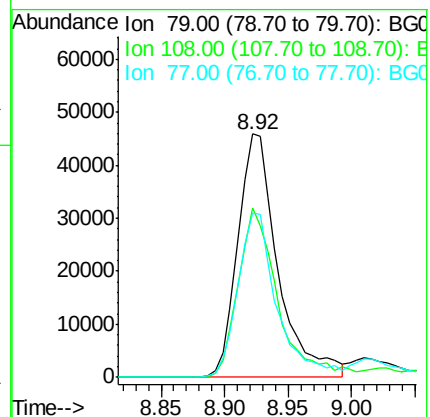
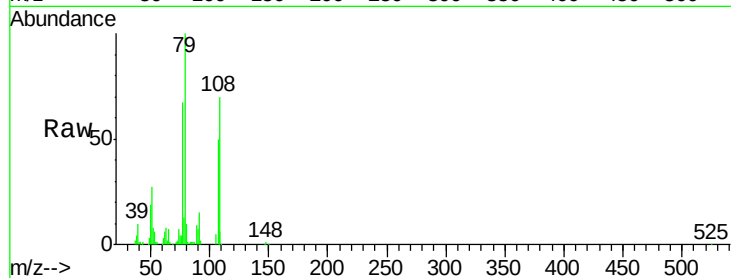
Tot Ion: 79 Resp: 100637

Ion Ratio Lower Upper

79 100

108 69.6 57.2 85.8

77 67.4 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.90 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

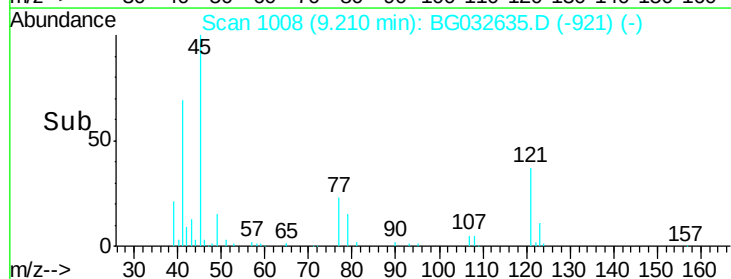
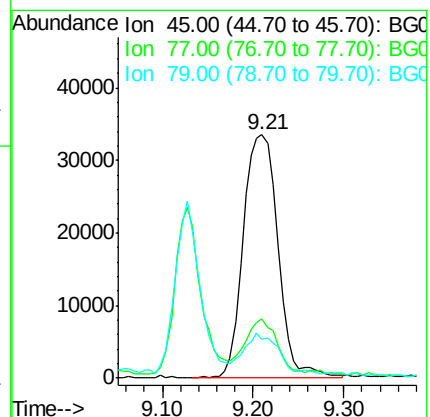
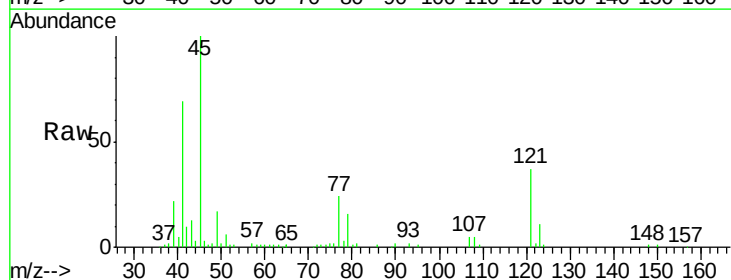
Tgt Ion: 45 Resp: 89395

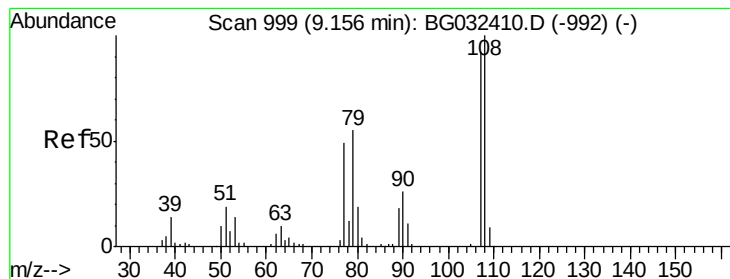
Ion Ratio Lower Upper

45 100

77 24.2 0.0 30.2

79 16.1 0.0 27.9

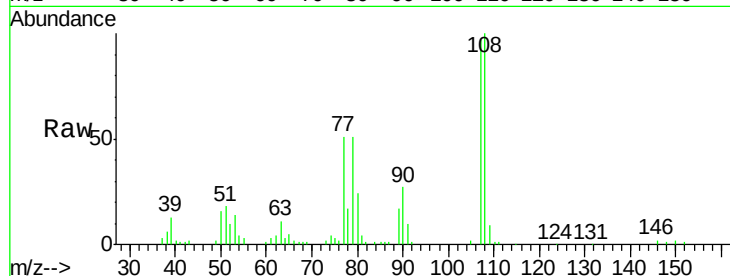




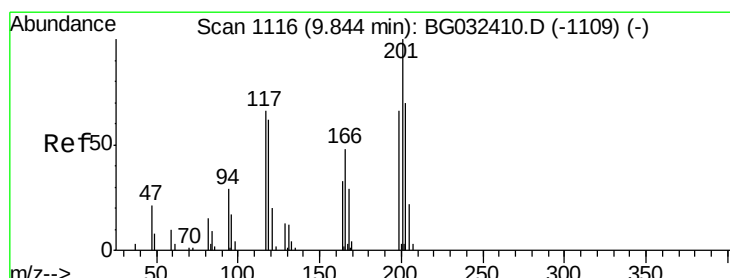
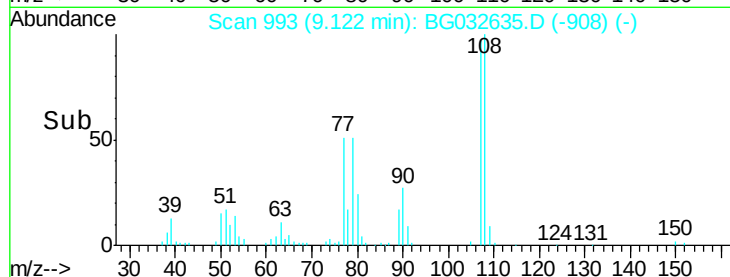
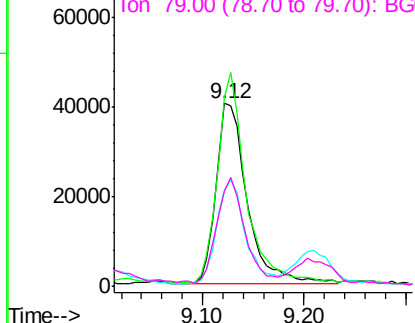
#17
2-Methylphenol
Concen: 54.64 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.03 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	85999
Ion	Ratio	Lower	Upper
107	100		
108	102.8	83.9	125.9
77	52.9	37.2	55.8
79	52.1	36.2	54.2

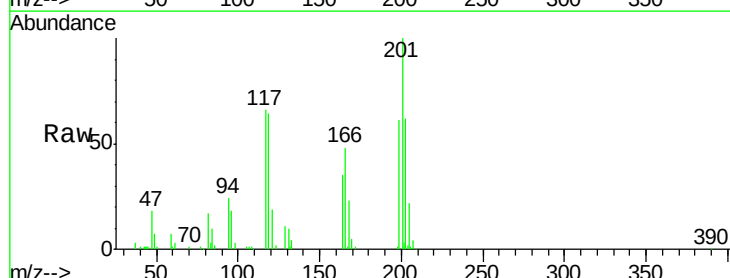


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

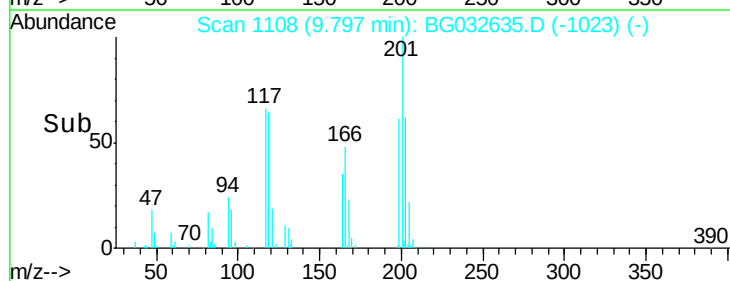
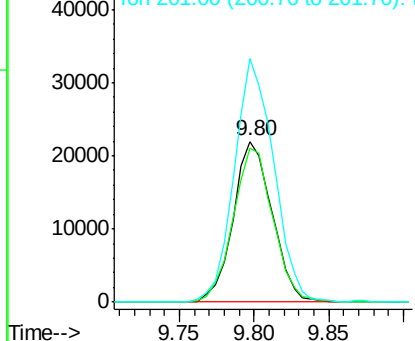


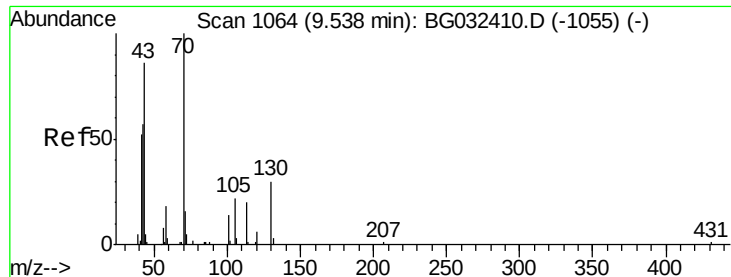
#18
Hexachloroethane
Concen: 48.29 ng
RT: 9.80 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion:	117	Resp:	39725
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.7	115.1
201	151.8	95.7	143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

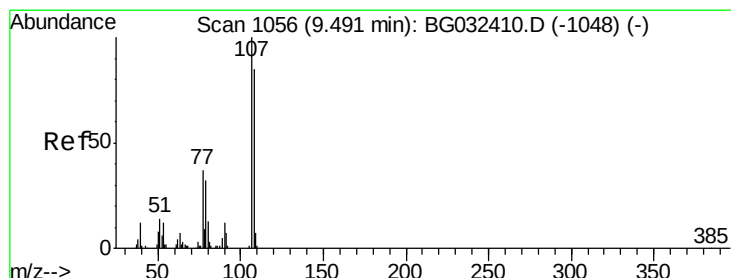
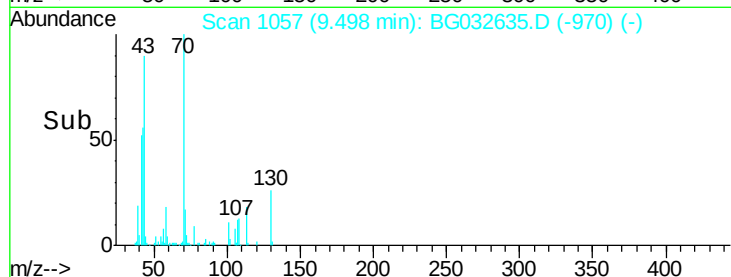
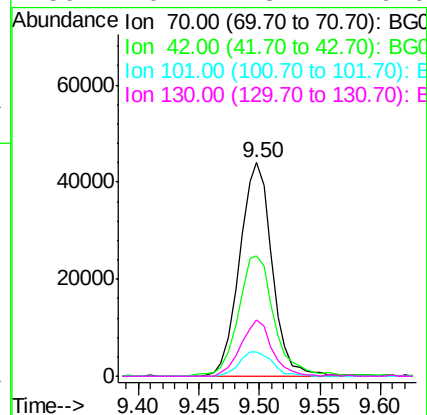
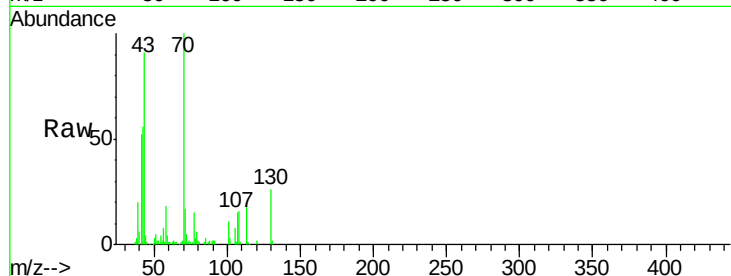




#19
 n-Nitroso-di-n-propylamine
 Concen: 61.06 ng
 RT: 9.50 min Scan# 1057
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

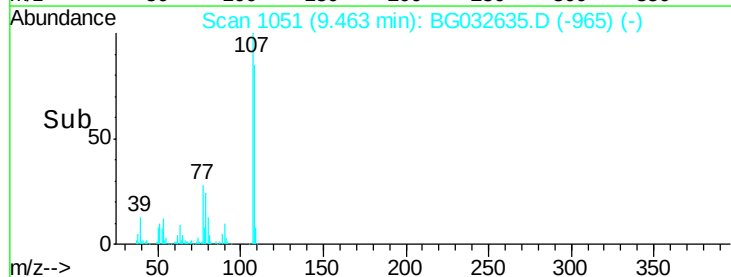
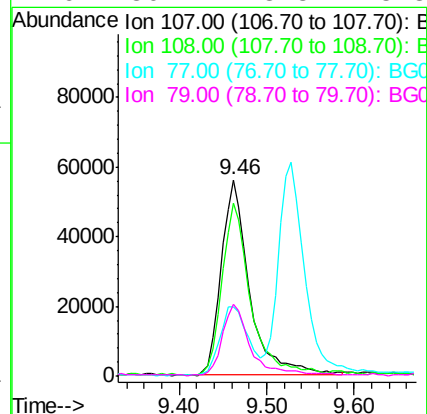
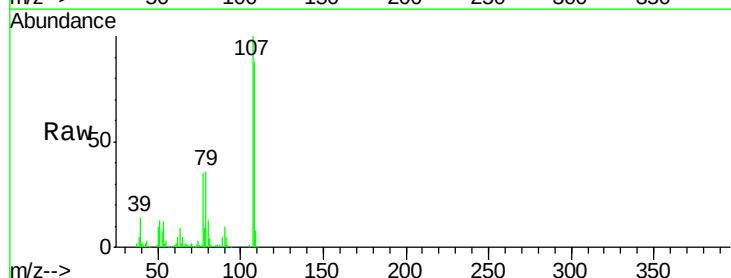
Instrument :
 BNA_G
 ClientSampleId :

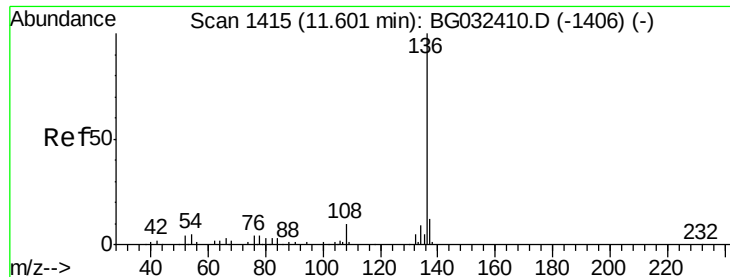
Tot Ion: 70 Resp: 82609
 Ion Ratio Lower Upper
 70 100
 42 56.4 49.1 73.7
 101 11.3 8.5 12.7
 130 26.4 13.4 20.0#



#20
 3+4-Methylphenols
 Concen: 56.31 ng
 RT: 9.46 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion: 107 Resp: 124310
 Ion Ratio Lower Upper
 107 100
 108 88.4 61.6 101.6
 77 35.3 13.9 53.9
 79 36.4 8.8 48.8

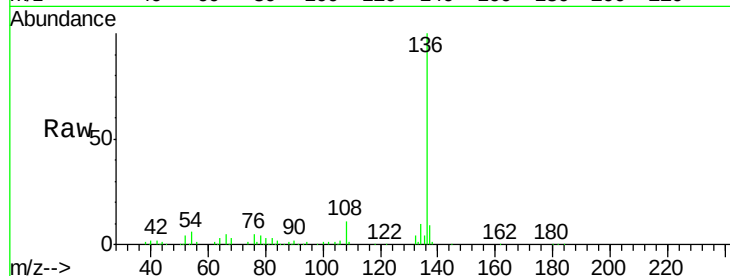




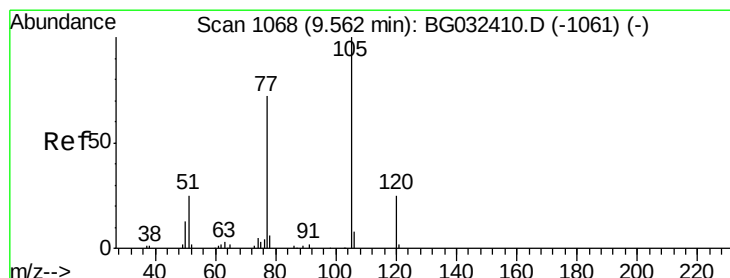
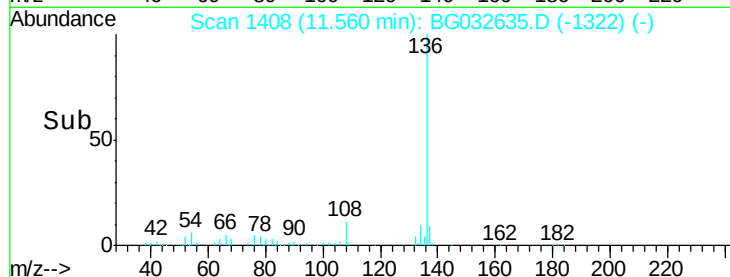
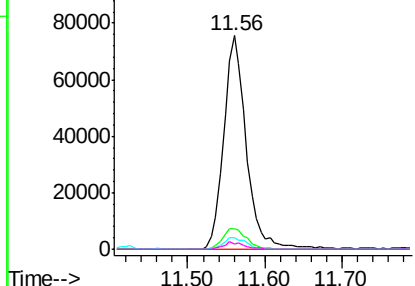
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	153728	
Ion Ratio	Lower	Upper	
136 100			
137 9.4	9.2	13.8	
54 5.5	10.3	15.5#	
68 2.7	4.5	6.7#	

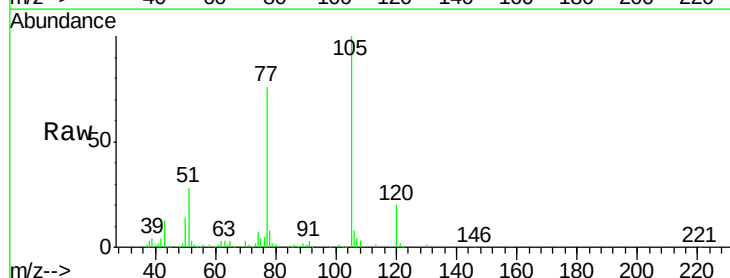


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

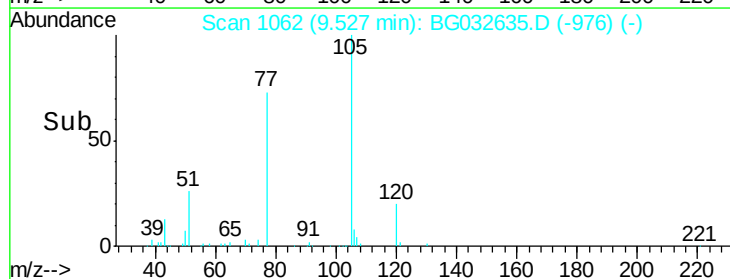
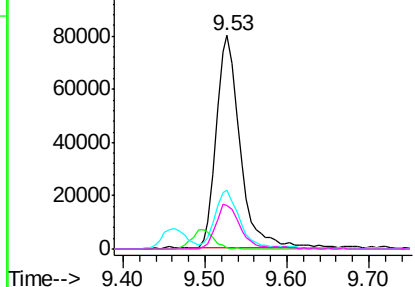


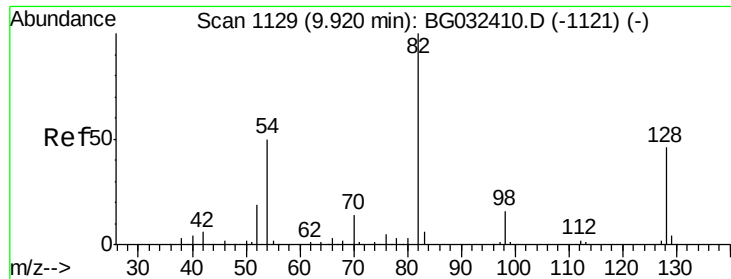
#22
Acetophenone
Concen: 45.26 ng
RT: 9.53 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt	Ion:105	Resp:	163096
Ion	Ratio	Lower	Upper
105	100		
71	0.6	3.0	4.4#
51	27.8	26.1	39.1
120	20.3	17.4	26.2



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

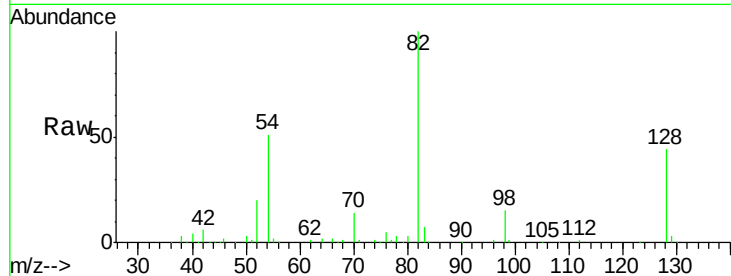




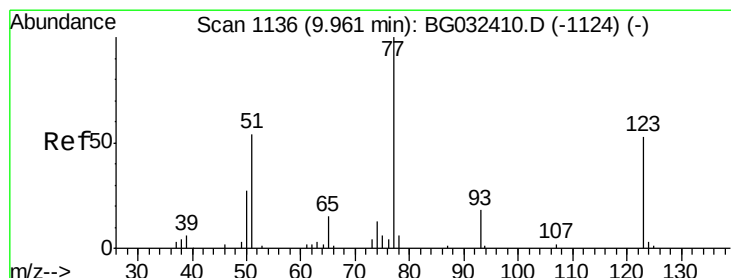
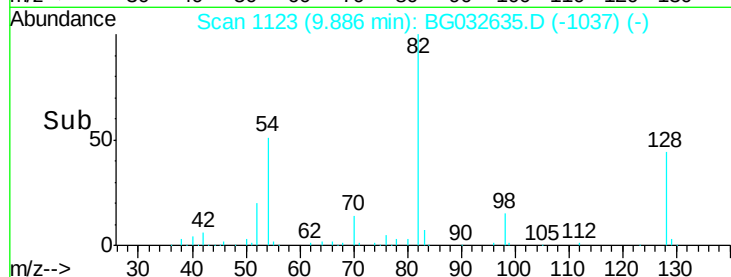
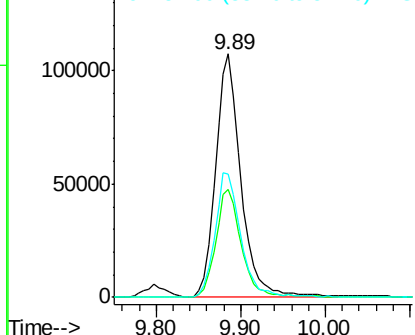
#23
 Nitrobenzene-d5
 Concen: 91.16 ng
 RT: 9.89 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	82	Resp	224364
Ion Ratio	100	Lower	Upper
128	44.1	29.7	44.5
54	50.9	43.1	64.7

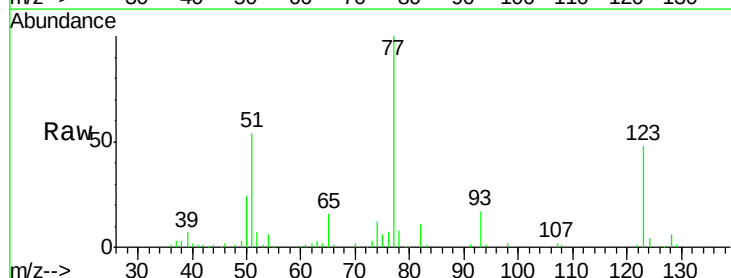


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

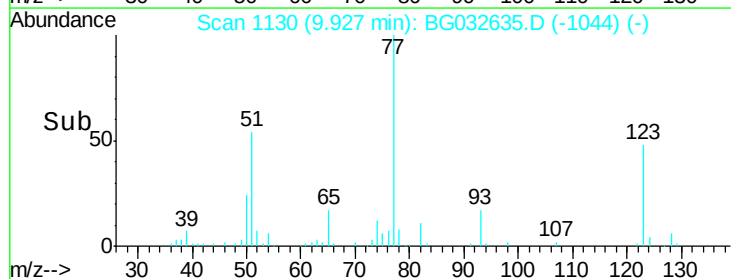
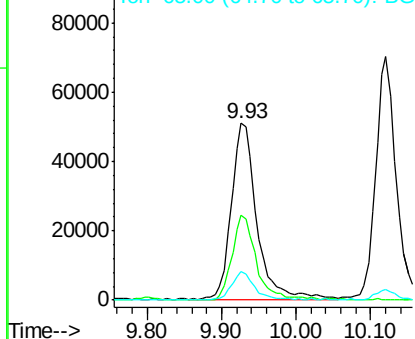


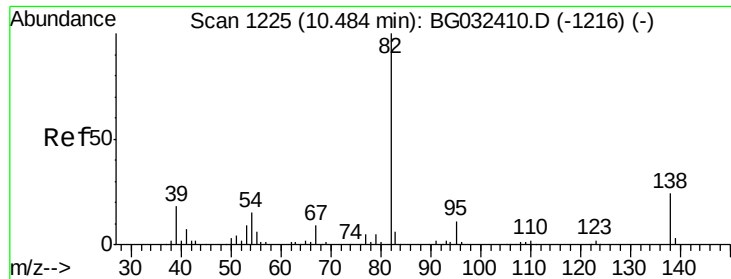
#24
 Nitrobenzene
 Concen: 50.35 ng
 RT: 9.93 min Scan# 1130
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	77	Resp	119835
Ion Ratio	100	Lower	Upper
123	47.9	33.0	49.6
65	16.5	13.0	19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 59.36 ng

RT: 10.44 min Scan# 1218

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

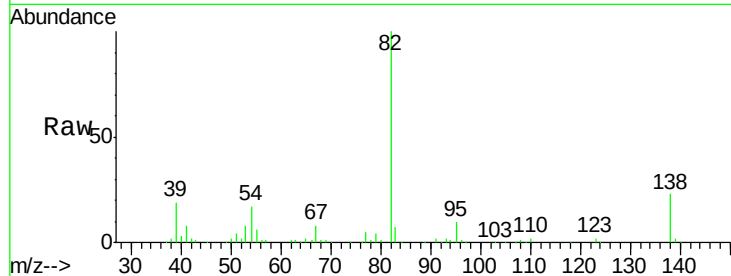
Tot Ion: 82 Resp: 248771

Ion Ratio Lower Upper

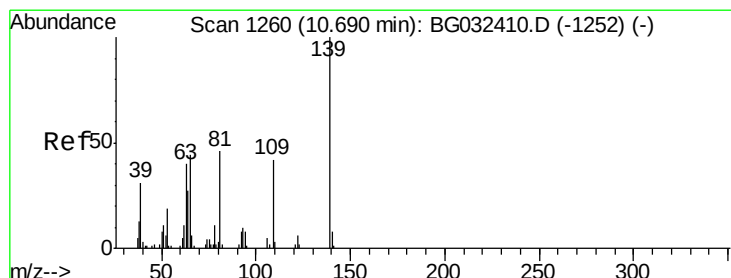
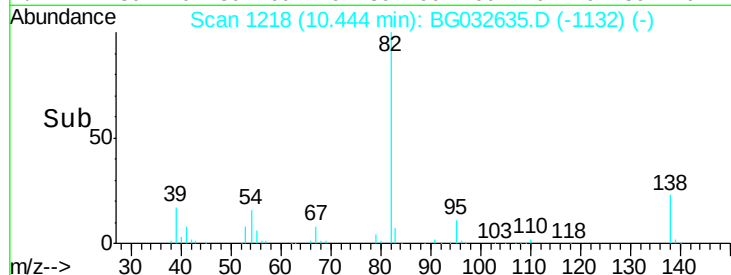
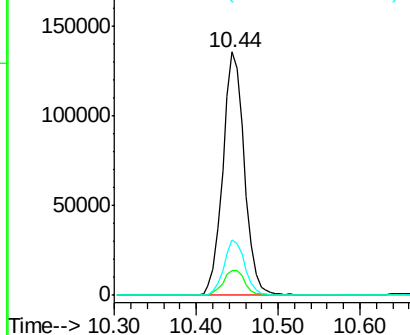
82 100

95 10.3 6.2 9.2#

138 22.6 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: 48.16 ng

RT: 10.65 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

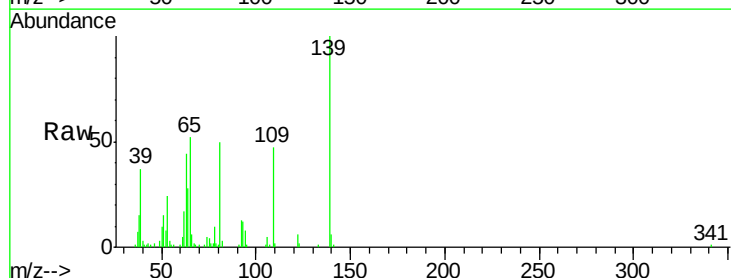
Tgt Ion: 139 Resp: 69289

Ion Ratio Lower Upper

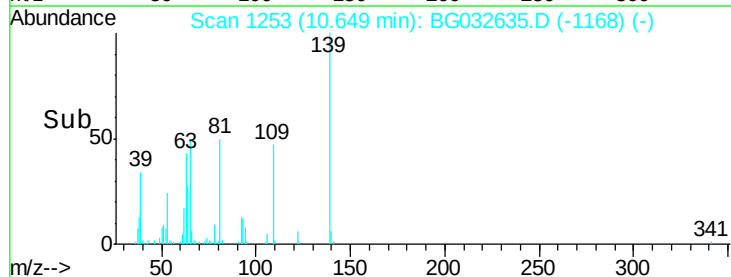
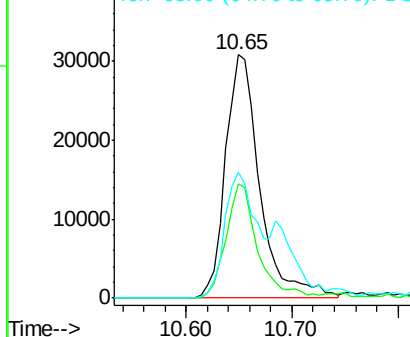
139 100

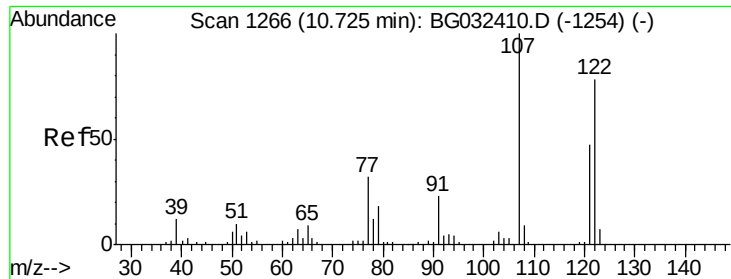
109 46.8 24.2 36.2#

65 51.7 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

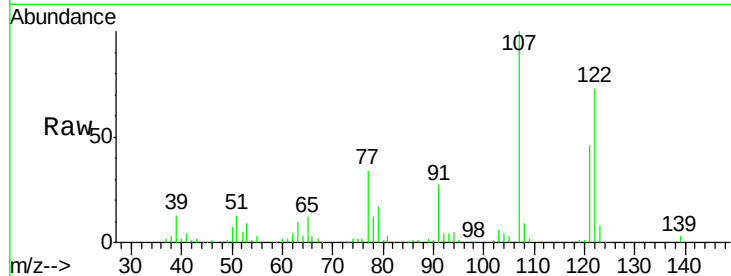




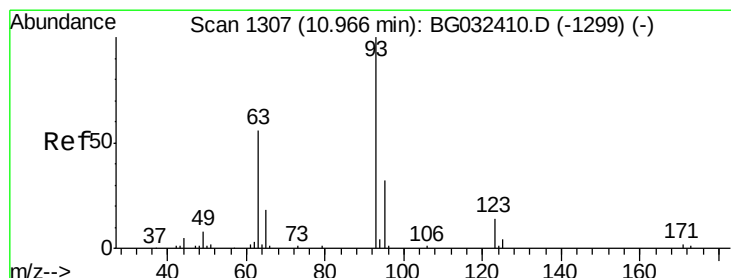
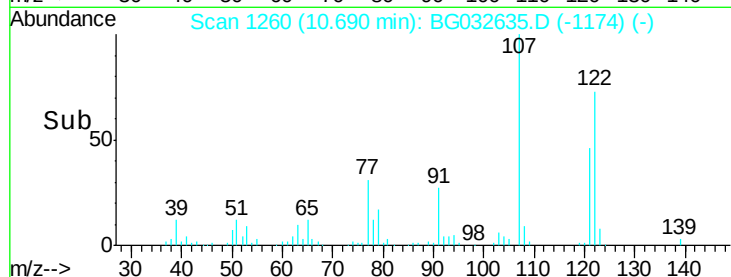
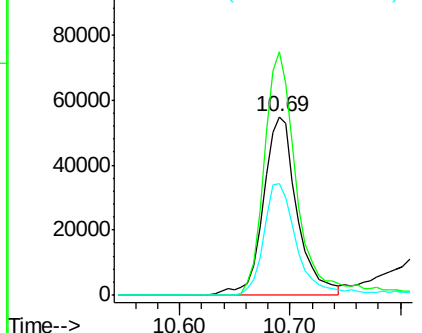
#27
 2,4-Dimethylphenol
 Concen: 56.55 ng
 RT: 10.69 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 116779
 Ion Ratio Lower Upper
 122 100
 107 136.3 100.2 150.2
 121 62.9 44.4 66.6

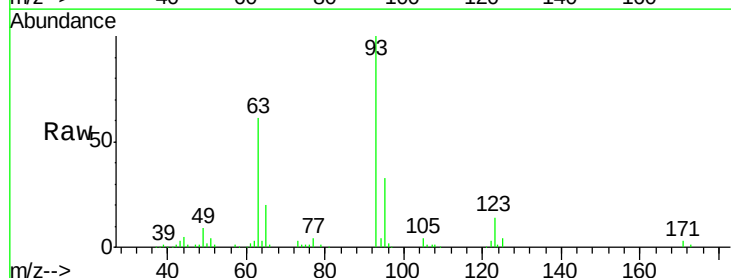


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

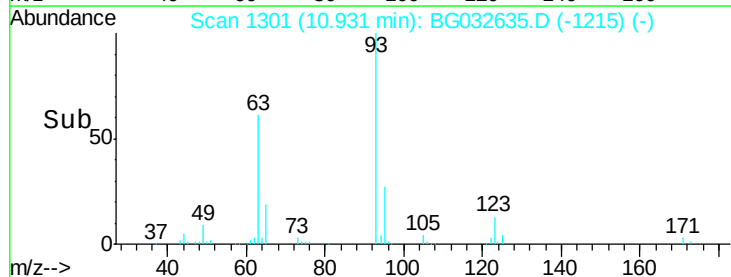
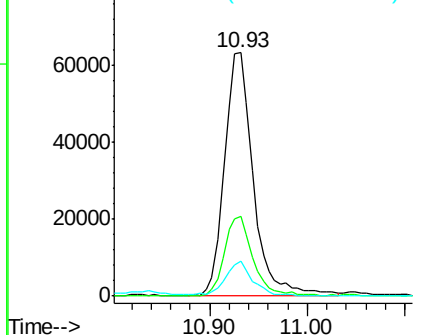


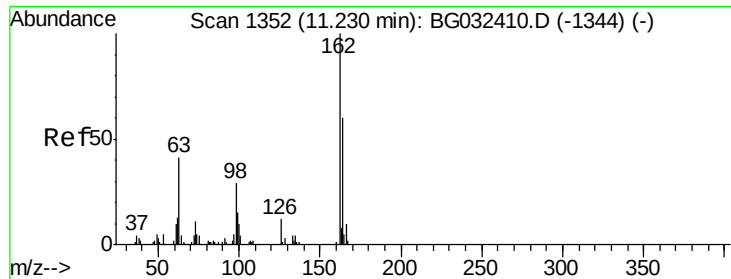
#28
 bis(2-Chloroethoxy)methane
 Concen: 56.66 ng
 RT: 10.93 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion: 93 Resp: 130218
 Ion Ratio Lower Upper
 93 100
 95 32.6 24.3 36.5
 123 14.4 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

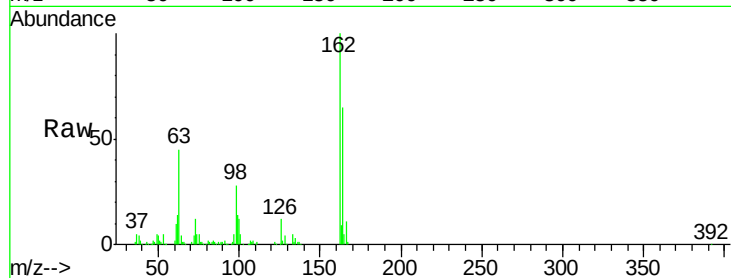




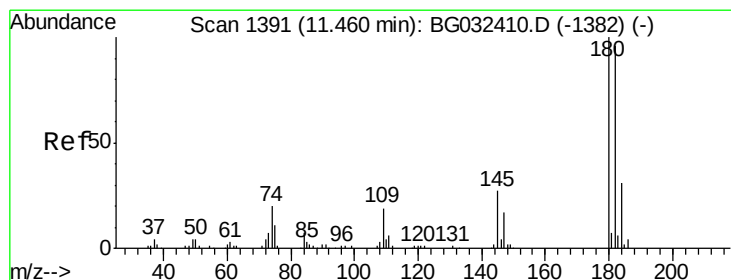
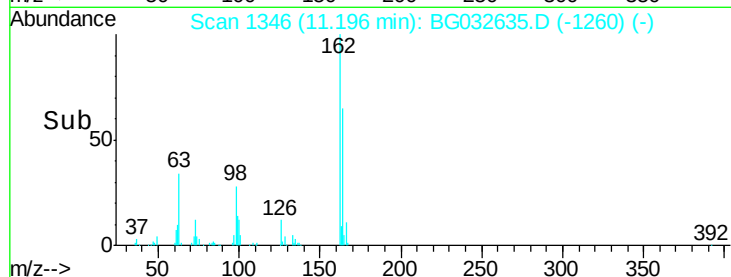
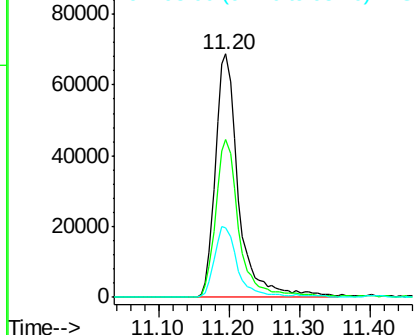
#29
2,4-Dichlorophenol
Concen: 57.50 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 157303
Ion Ratio Lower Upper
162 100
164 65.0 48.0 88.0
98 28.4 21.1 61.1

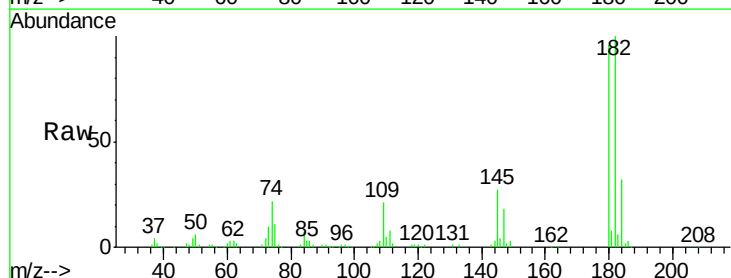


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

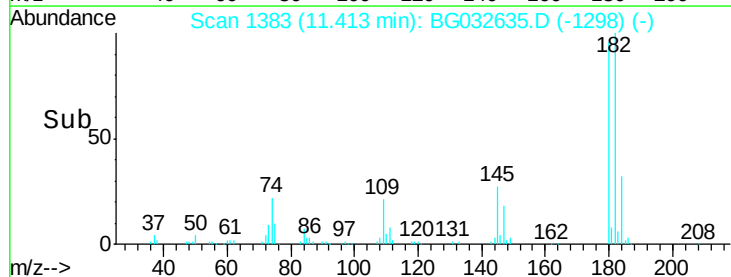
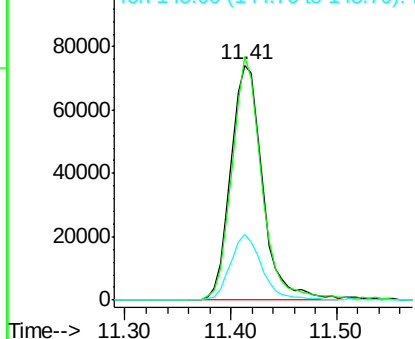


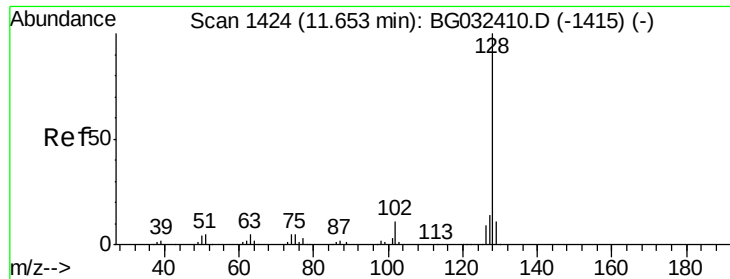
#30
1,2,4-Trichlorobenzene
Concen: 42.37 ng
RT: 11.41 min Scan# 1383
Delta R.T. -0.03 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion:180 Resp: 154486
Ion Ratio Lower Upper
180 100
182 103.6 77.5 116.3
145 28.0 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

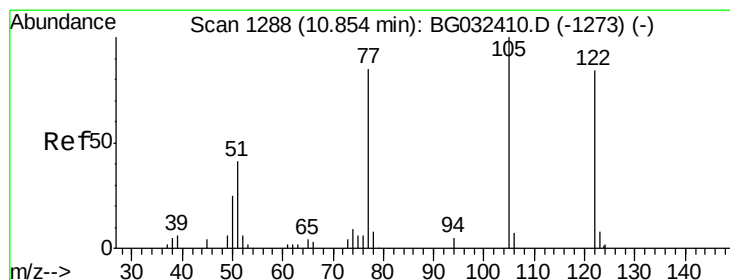
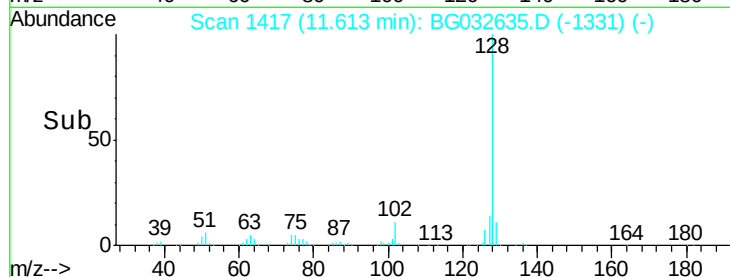
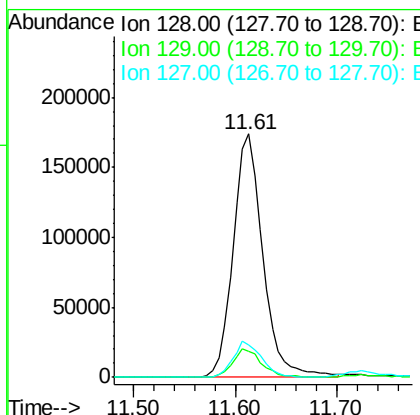
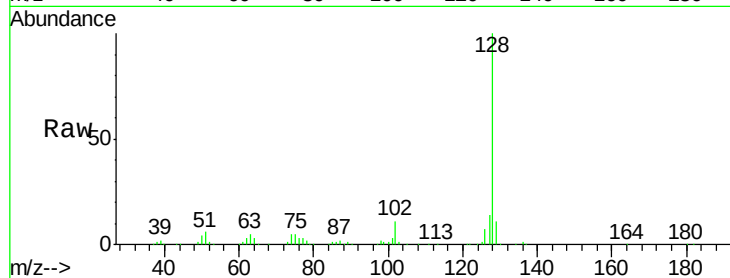




#31
Naphthalene
Concen: 47.01 ng
RT: 11.61 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

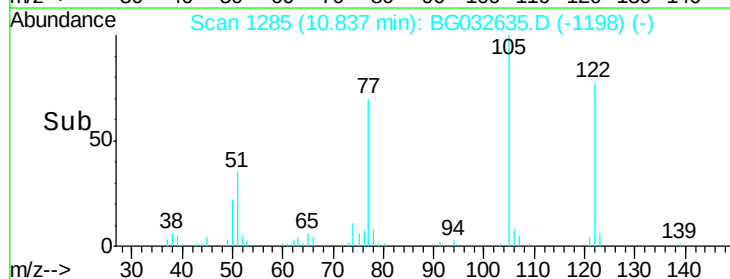
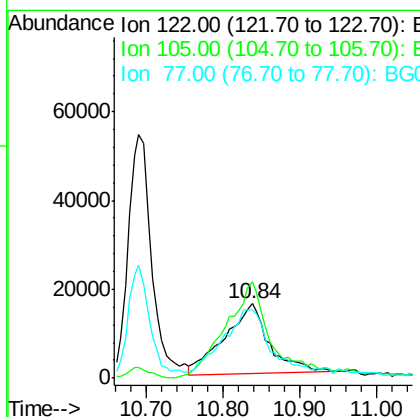
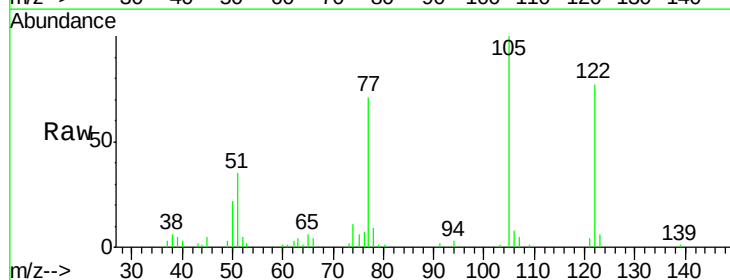
Instrument :
BNA_G
ClientSampleId :

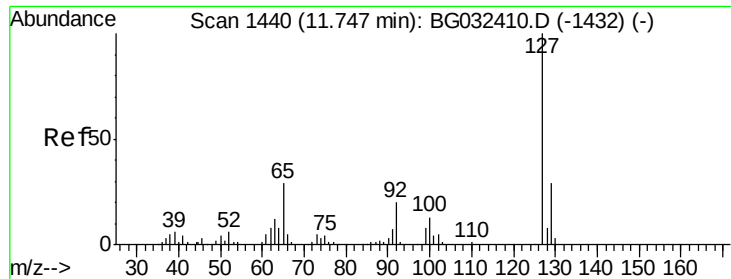
Tot Ion:128 Resp: 352952
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.5 11.6 17.4



#32
Benzoic acid
Concen: 42.15 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion:122 Resp: 63315
Ion Ratio Lower Upper
122 100
105 129.1 123.5 163.5
77 92.3 85.7 125.7

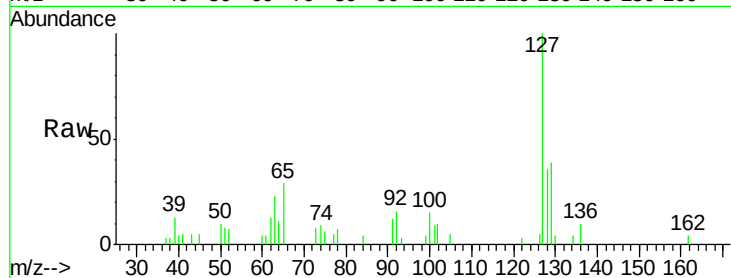




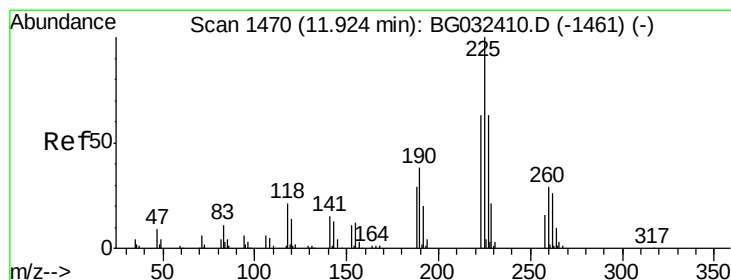
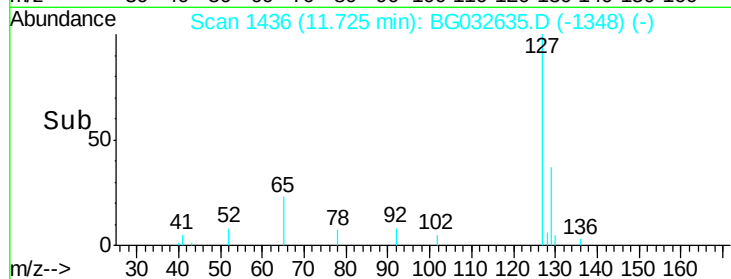
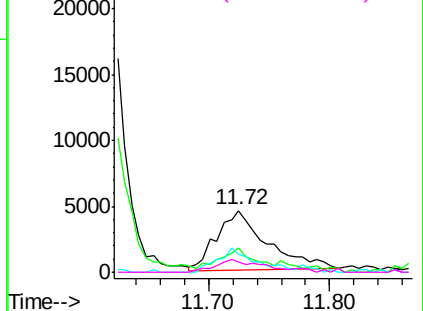
#33
4-Chloroaniline
Concen: 3.88 ng
RT: 11.72 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	13001
Ion	Ratio	Lower	Upper
127	100		
129	38.6	24.0	36.0#
65	28.8	27.0	40.4
92	16.0	16.6	25.0#

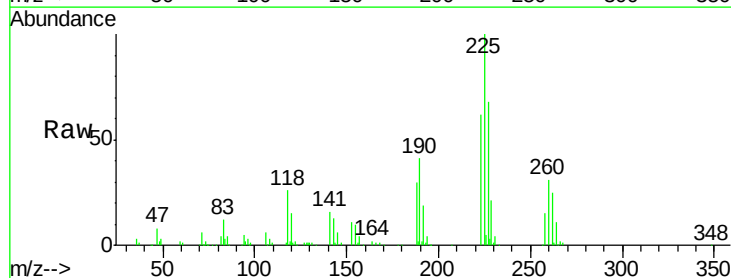


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

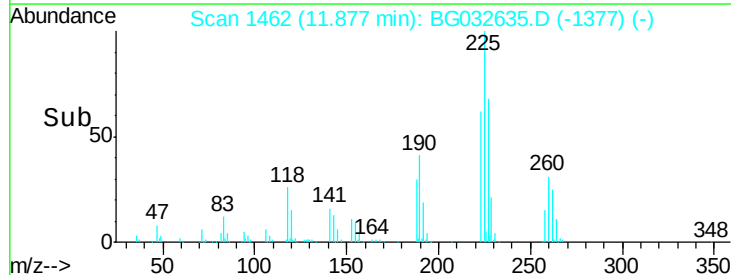
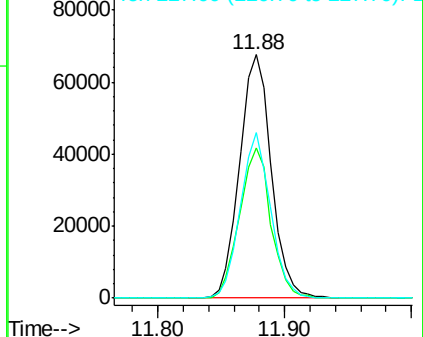


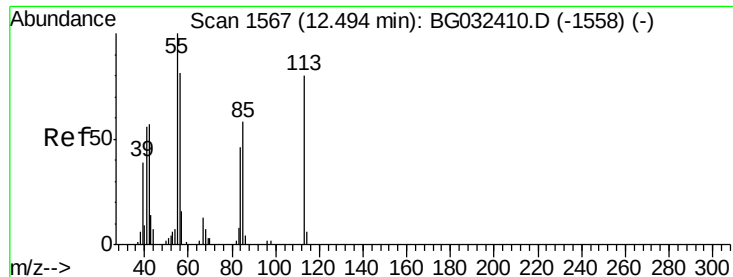
#34
Hexachlorobutadiene
Concen: 41.33 ng
RT: 11.88 min Scan# 1462
Delta R.T. -0.03 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion:	225	Resp:	117233
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	68.0	48.1	72.1



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

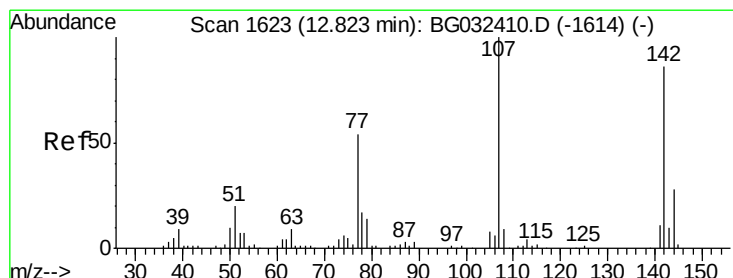
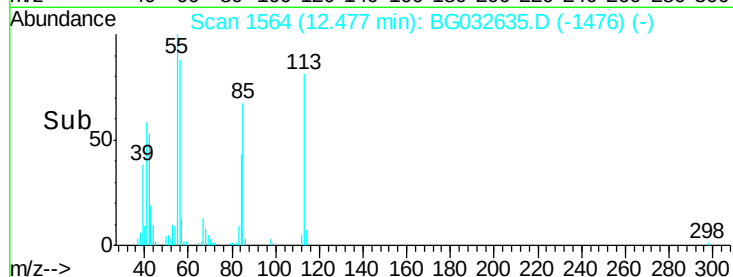
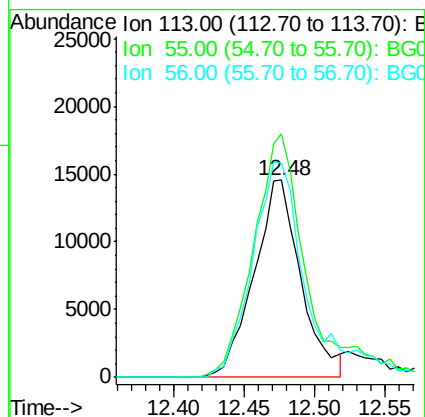
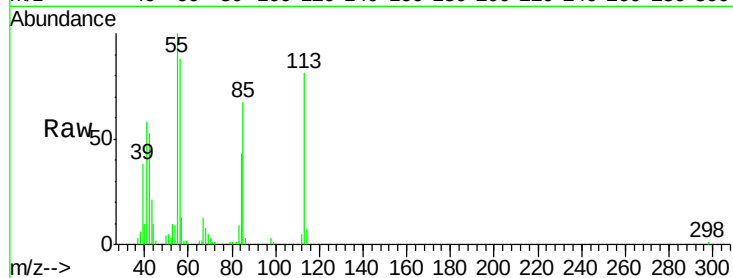




#35
 Caprolactam
 Concen: 43.11 ng
 RT: 12.48 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

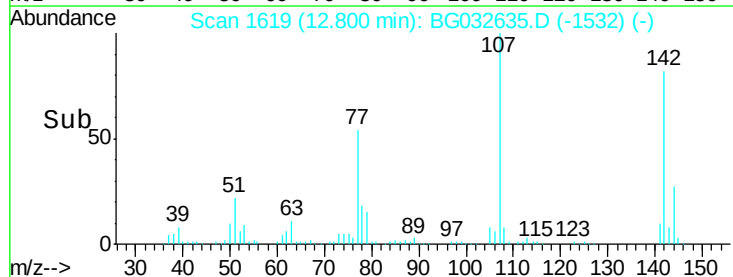
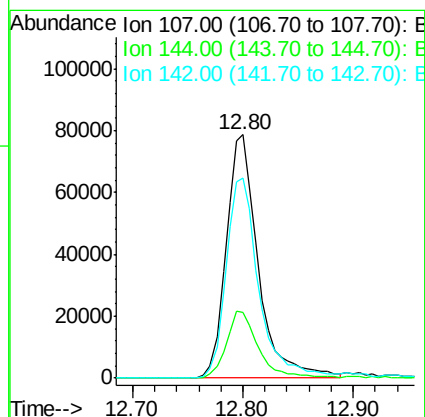
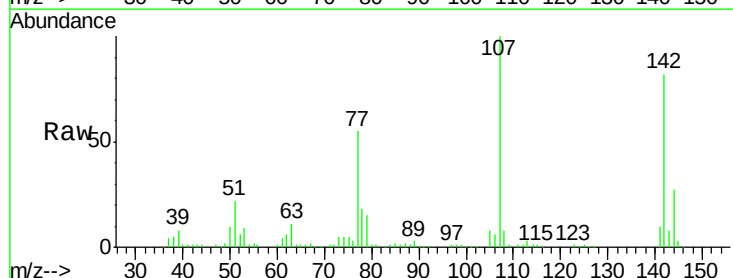
Instrument :
 BNA_G
 ClientSampleId :

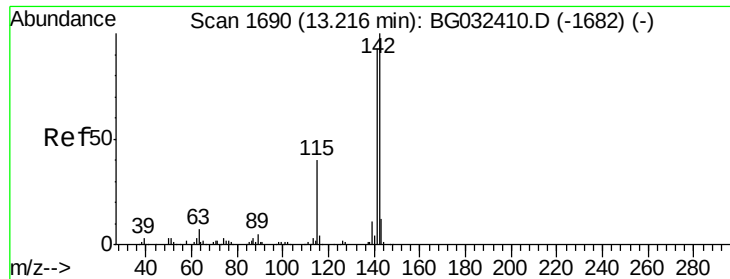
Tot Ion:113 Resp: 33856
 Ion Ratio Lower Upper
 113 100
 55 123.3 186.9 226.9#
 56 108.5 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 61.58 ng
 RT: 12.80 min Scan# 1619
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion:107 Resp: 159775
 Ion Ratio Lower Upper
 107 100
 144 27.2 18.2 27.4
 142 82.2 59.0 88.4

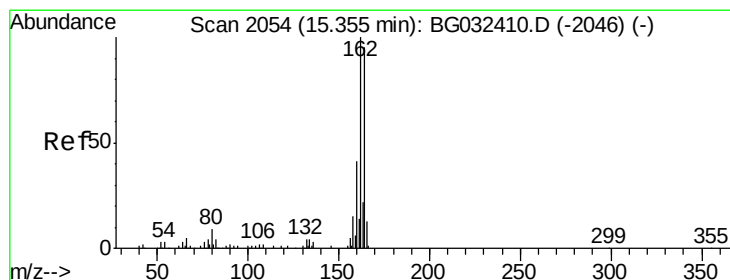
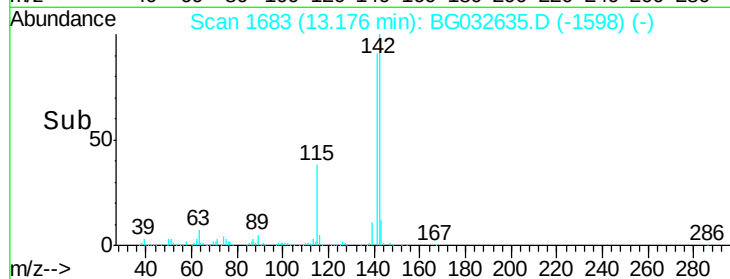
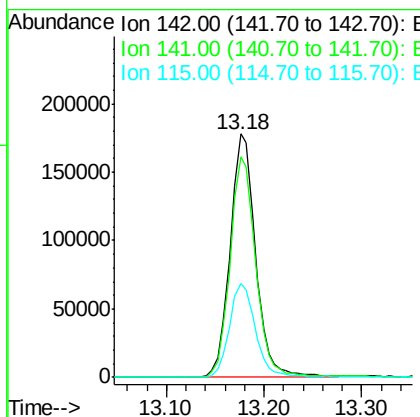
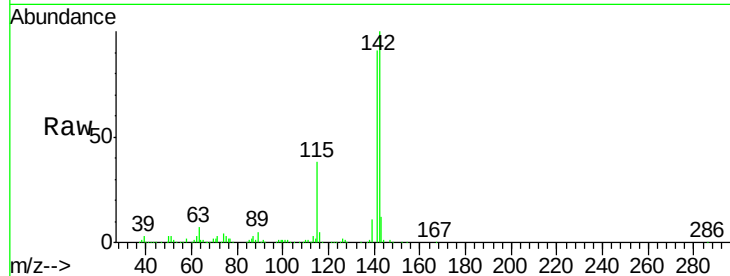




#37
2-Methylnaphthalene
Concen: 51.32 ng
RT: 13.18 min Scan# 1683
Delta R.T. -0.03 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

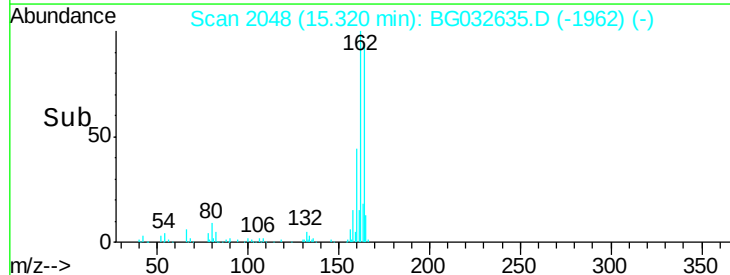
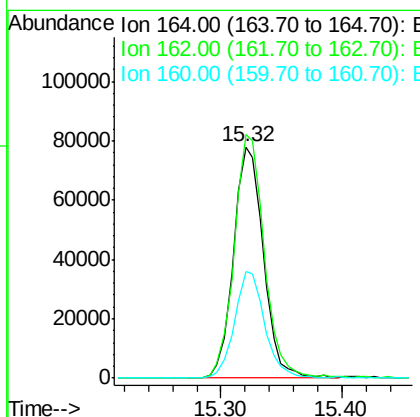
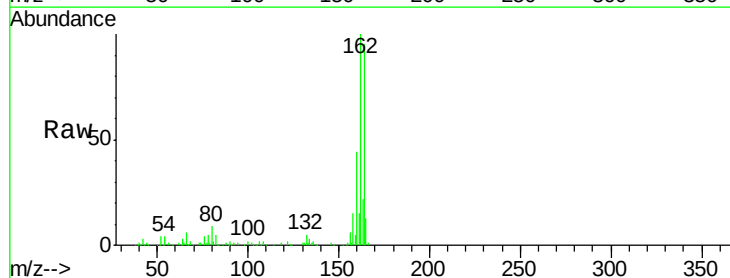
Instrument :
BNA_G
ClientSampleId :

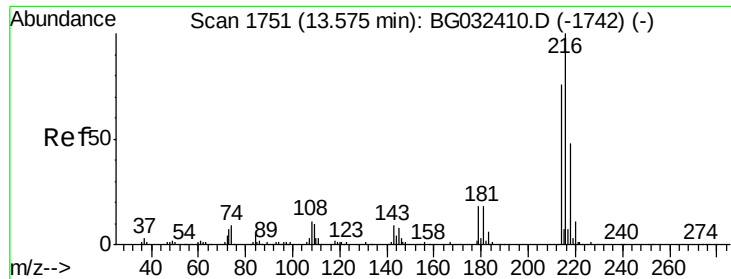
Tot Ion:142 Resp: 323724
Ion Ratio Lower Upper
142 100
141 90.5 67.1 100.7
115 38.5 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion:164 Resp: 134793
Ion Ratio Lower Upper
164 100
162 105.4 78.8 118.2
160 46.3 35.4 53.0

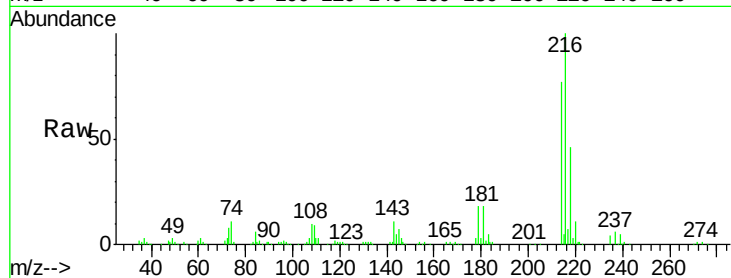




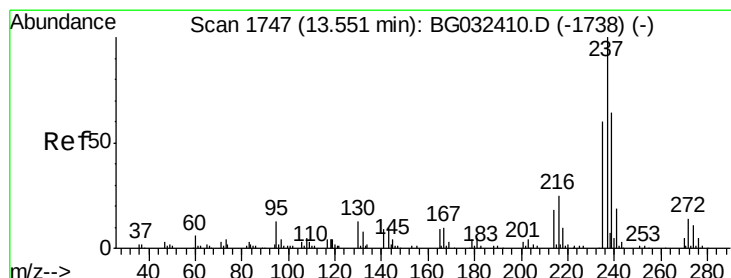
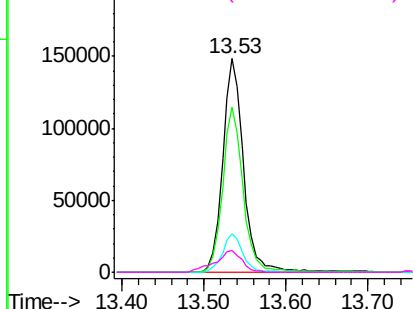
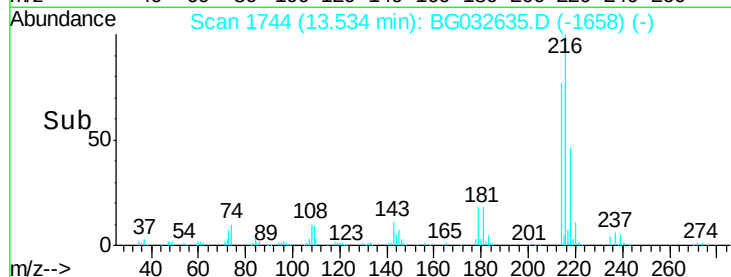
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.36 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:216	Resp:	260803
Ion Ratio	Lower	Upper
216	100	
214	76.1	63.0 94.4
179	17.6	17.0 25.6
108	13.1	12.8 19.2

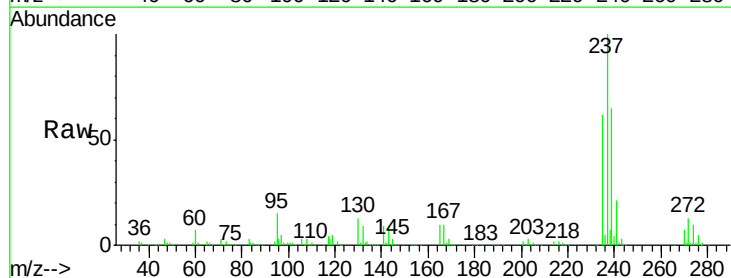


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

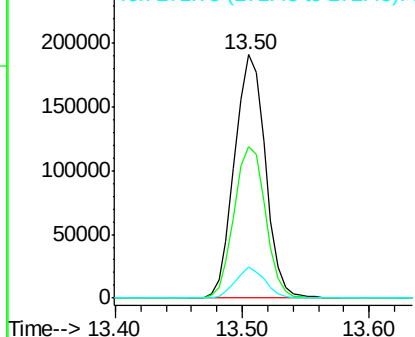
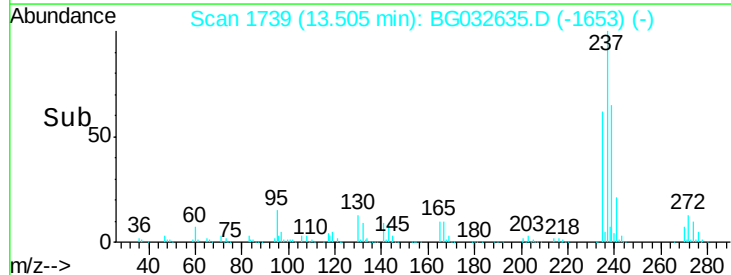


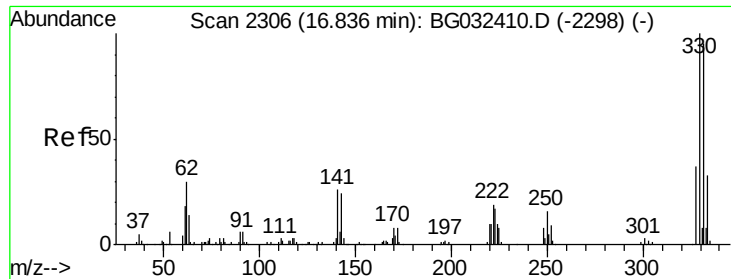
#40
 Hexachlorocyclopentadiene
 Concen: 81.93 ng
 RT: 13.50 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion:237	Resp:	322799
Ion Ratio	Lower	Upper
237	100	
235	62.3	50.4 90.4
272	13.0	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

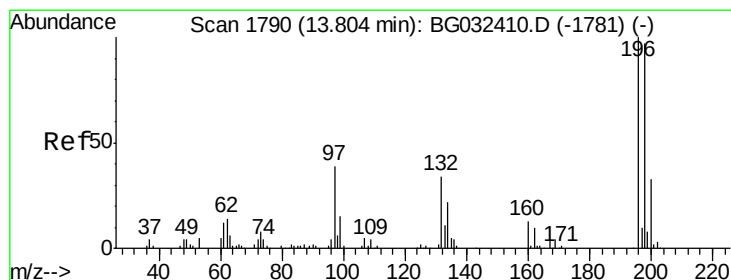
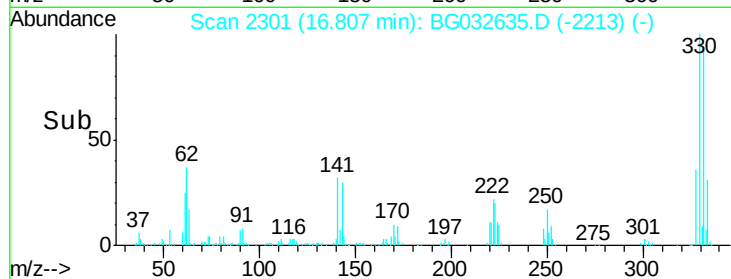
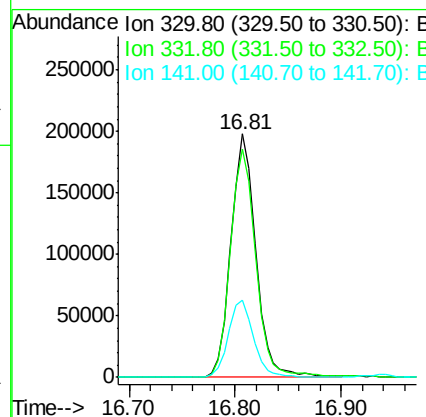
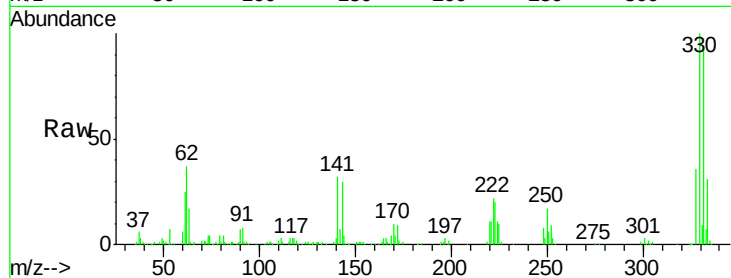




#41
 2,4,6-Tribromophenol
 Concen: 125.78 ng
 RT: 16.81 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

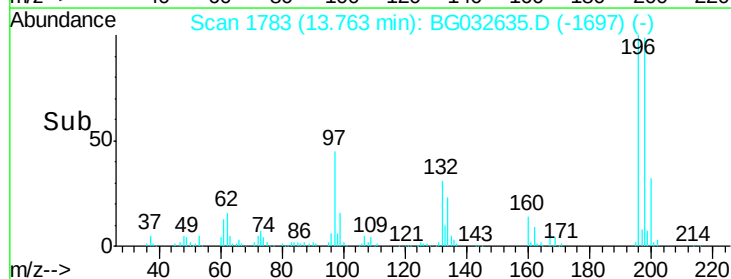
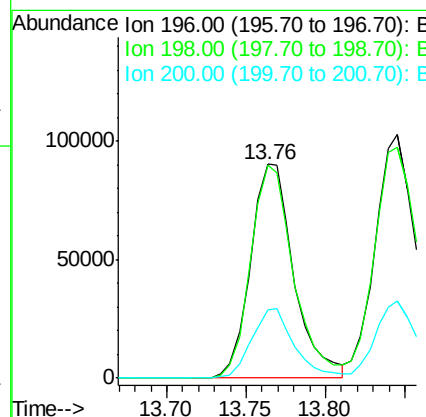
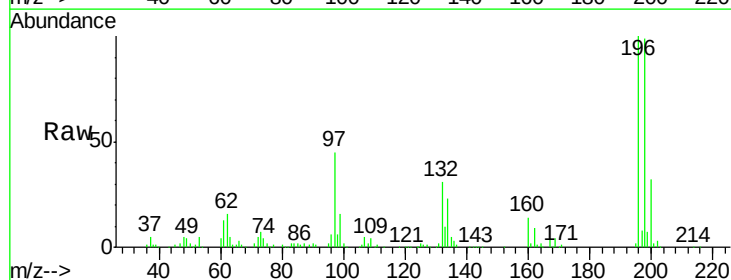
Instrument :
 BNA_G
 ClientSampleId :

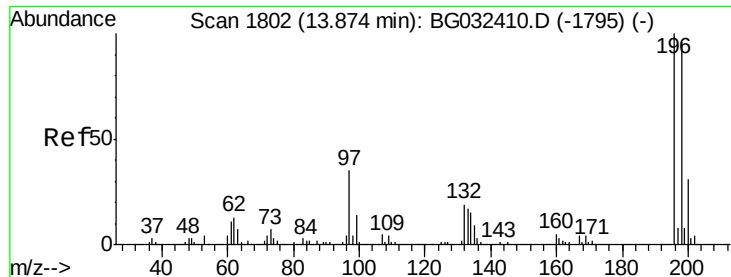
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.4	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 49.98 ng
 RT: 13.76 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	78.2	117.2
200	32.1	24.6	36.8

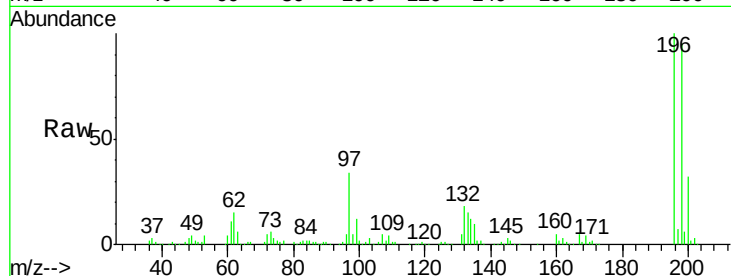




#43
 2,4,5-Trichlorophenol
 Concen: 49.12 ng
 RT: 13.85 min Scan# 1797
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.2	114.4
97	34.5	38.7	58.1
132	18.5	20.2	30.2



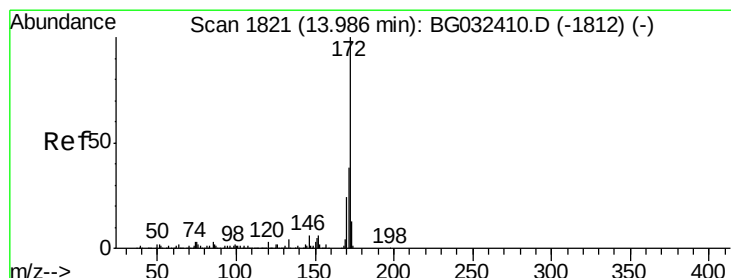
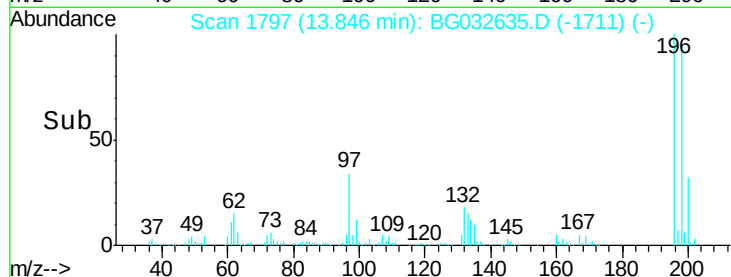
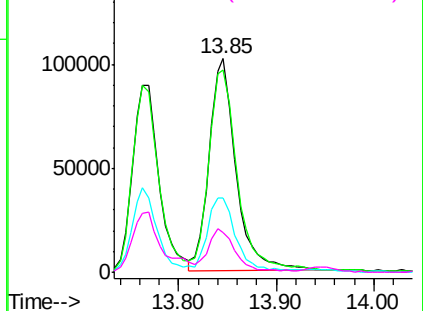
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

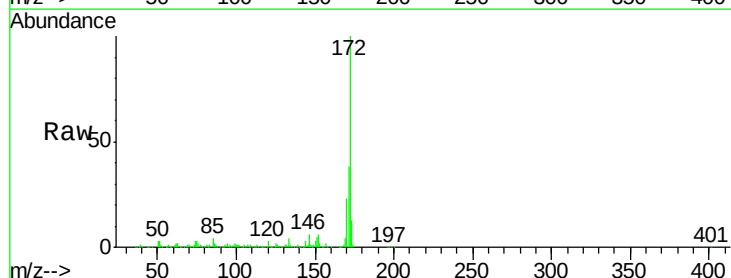
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.07 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.5	19.5	29.3

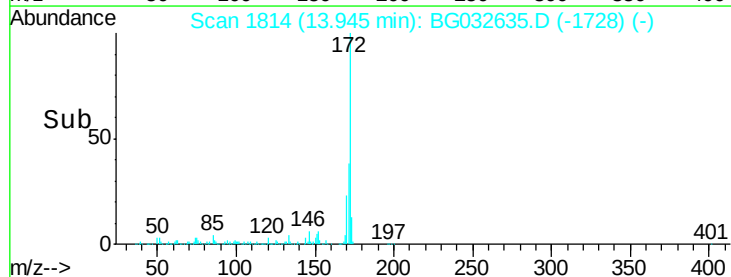
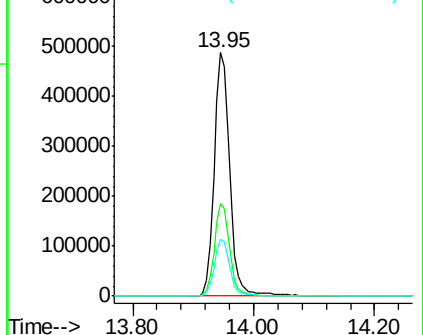


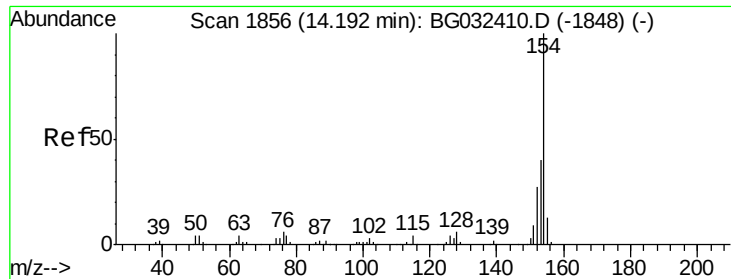
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

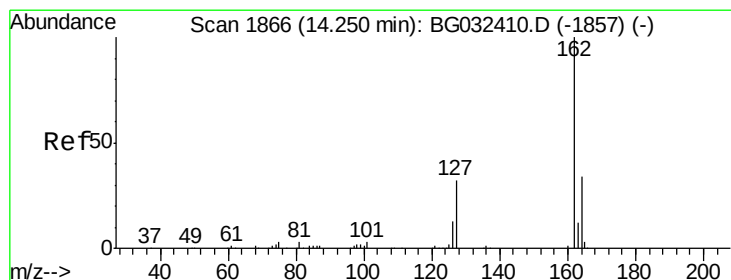
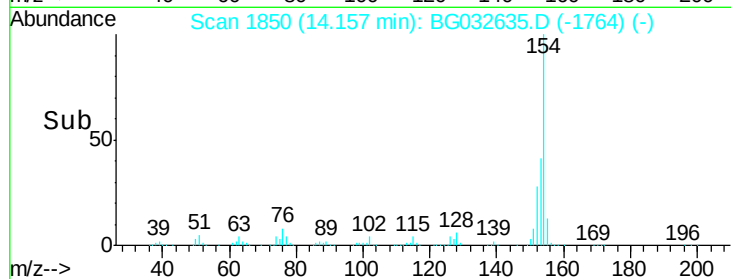
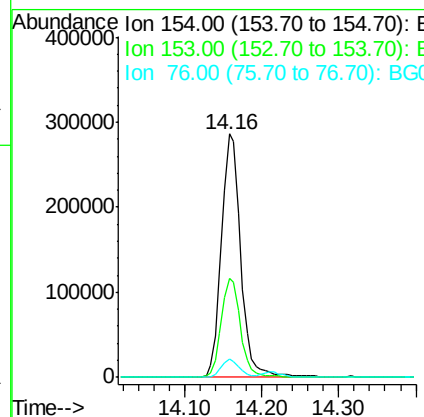
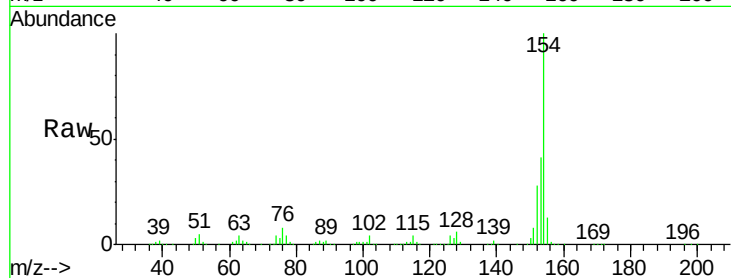




#45
 1,1'-Biphenyl
 Concen: 43.70 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

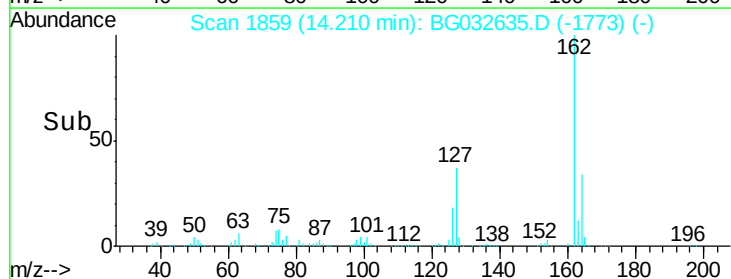
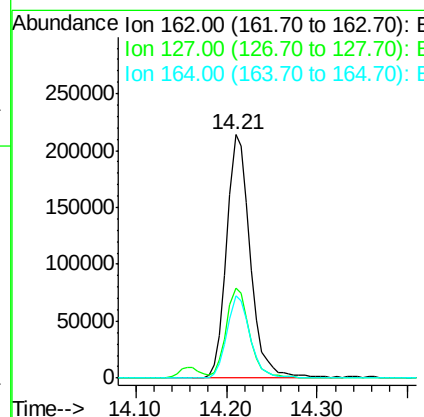
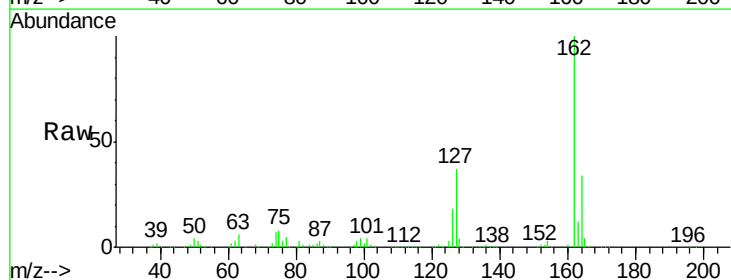
Instrument :
 BNA_G
 ClientSampleId :

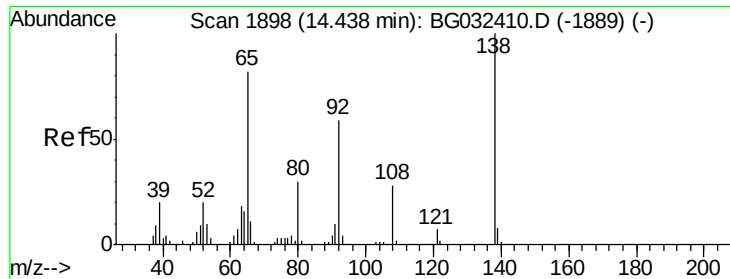
Tot Ion	154	Resp	497615
Ion Ratio	100		
Lower	19.8		
Upper	59.8		
76	7.8	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 43.45 ng
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	162	Resp	387852
Ion Ratio	100		
Lower	30.7		
Upper	46.1		
127	36.7	26.0	39.0
164	33.7		





#47

2-Nitroaniline

Concen: 51.95 ng

RT: 14.41 min Scan# 1893

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

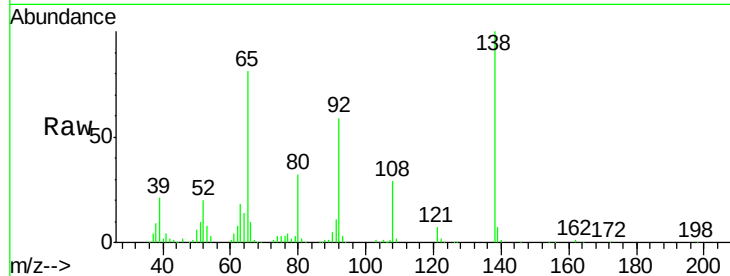
Tot Ion: 65 Resp: 102543

Ion Ratio Lower Upper

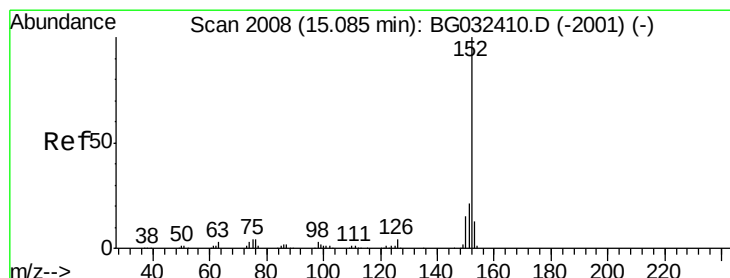
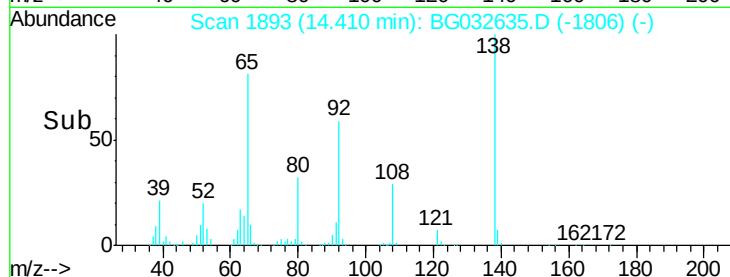
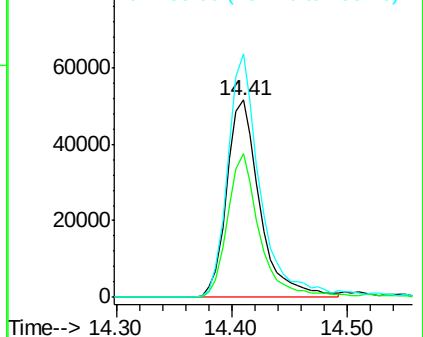
65 100

92 72.7 54.6 82.0

138 123.6 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: 45.21 ng

RT: 15.05 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

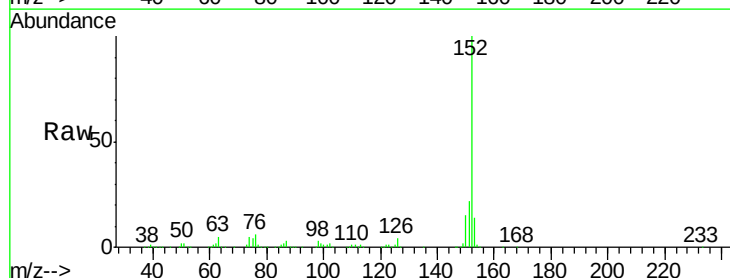
Tgt Ion: 152 Resp: 610095

Ion Ratio Lower Upper

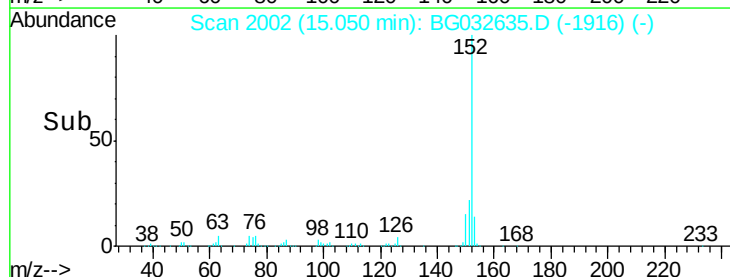
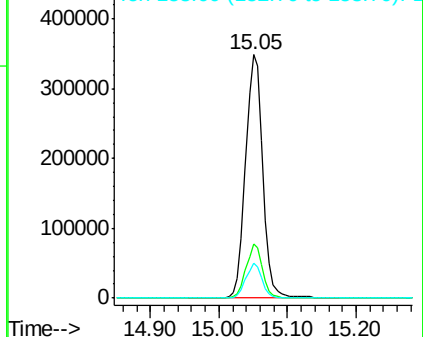
152 100

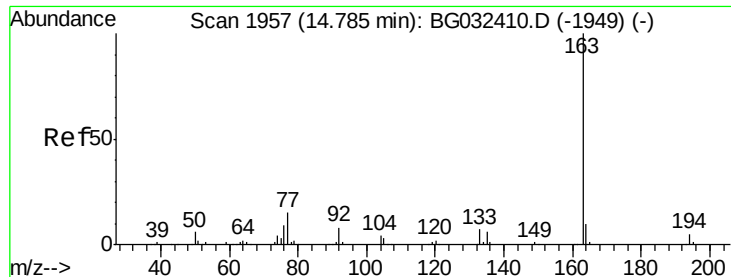
151 22.1 17.2 25.8

153 14.5 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: 48.08 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampled :

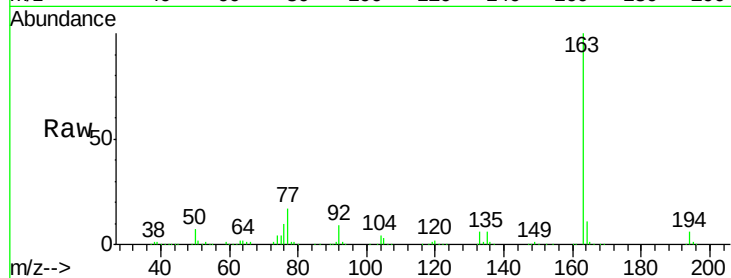
Tot Ion:163 Resp: 597553

Ion Ratio Lower Upper

163 100

194 5.5 3.4 5.2#

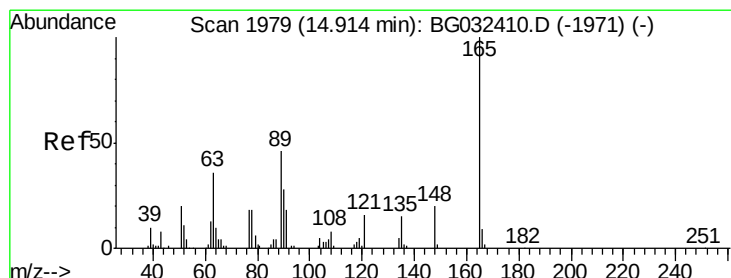
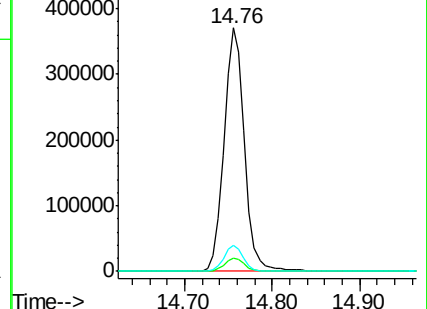
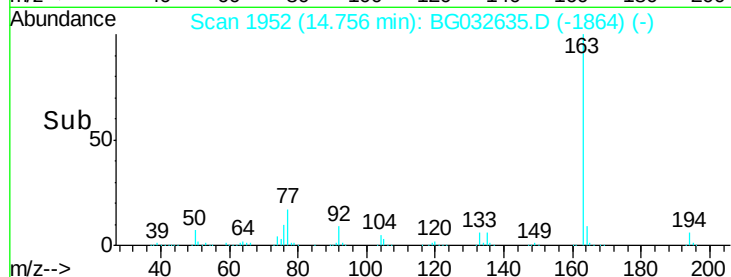
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.06 ng

RT: 14.89 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

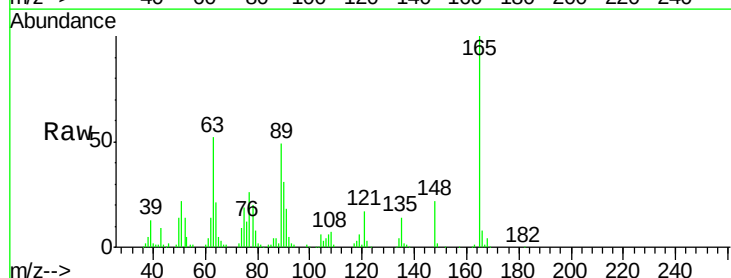
Tgt Ion:165 Resp: 130576

Ion Ratio Lower Upper

165 100

63 52.0 52.7 79.1#

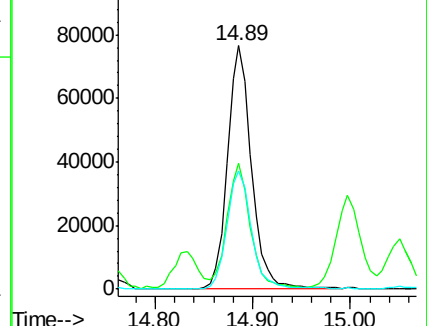
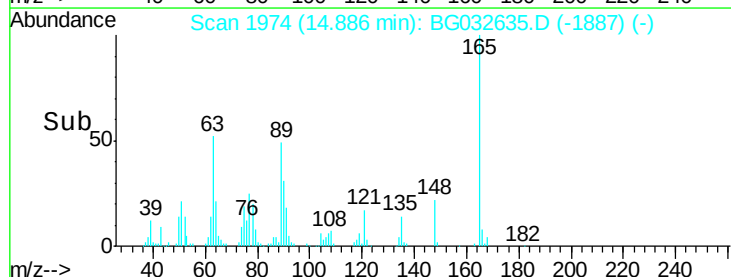
89 48.7 49.2 73.8#

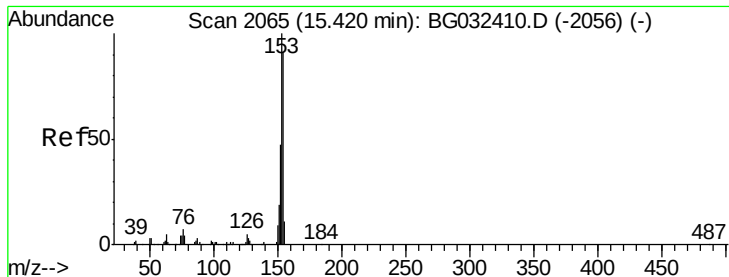


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.88 ng

RT: 15.39 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

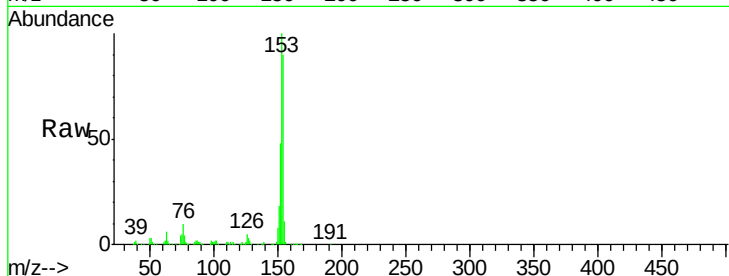
Tot Ion:154 Resp: 401299

Ion Ratio Lower Upper

154 100

153 111.4 90.4 135.6

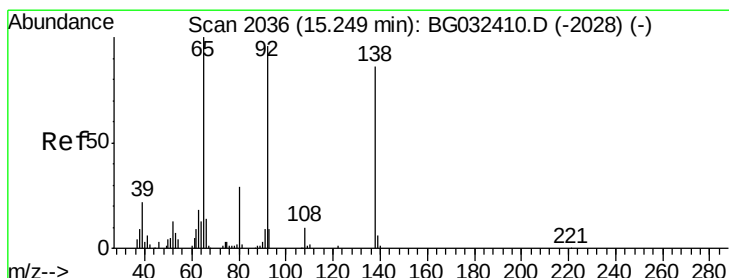
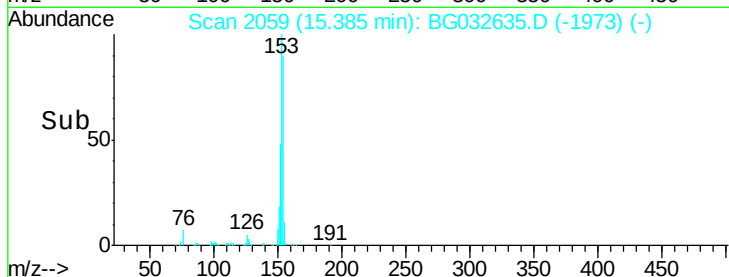
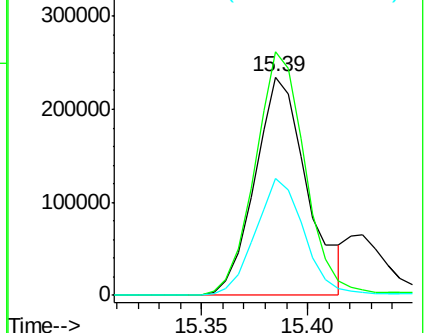
152 53.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 5.97 ng

RT: 15.23 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

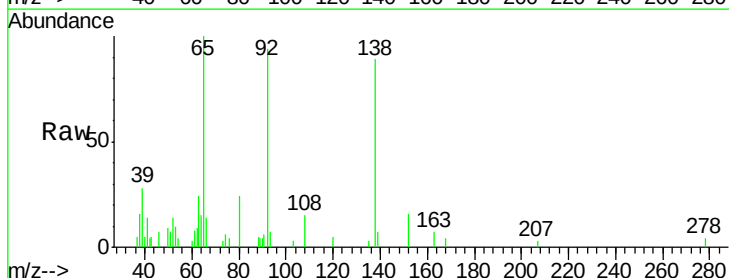
Tgt Ion:138 Resp: 13609

Ion Ratio Lower Upper

138 100

108 16.4 17.5 26.3#

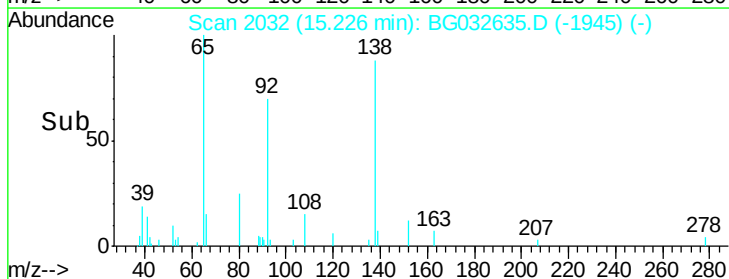
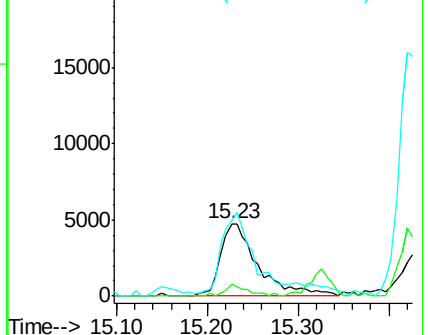
92 105.9 105.8 158.8

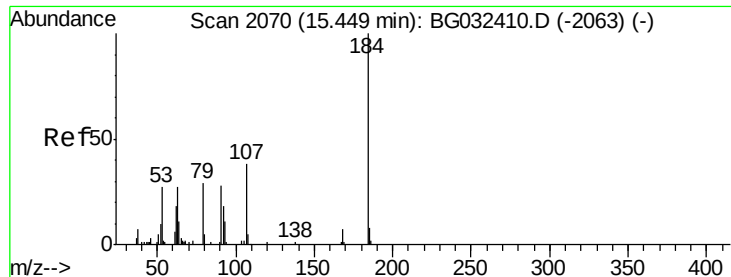


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

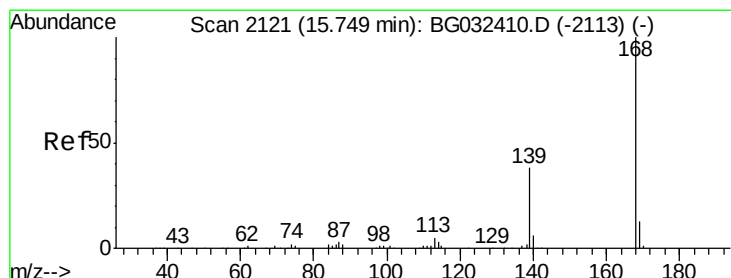
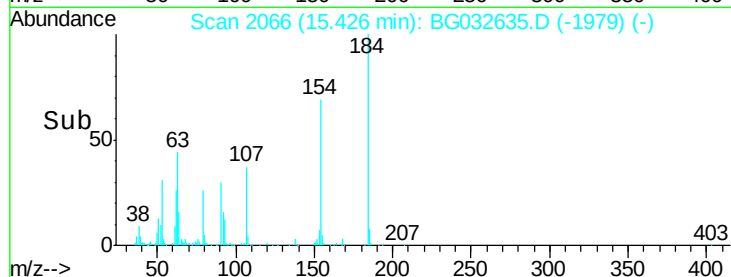
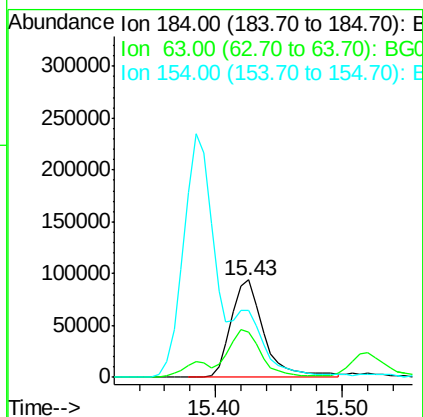
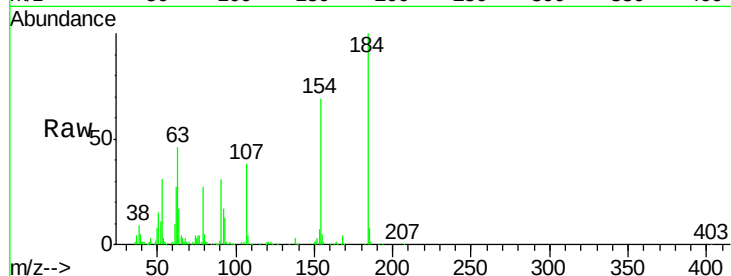




#53
2,4-Dinitrophenol
Concen: 102.57 ng
RT: 15.43 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

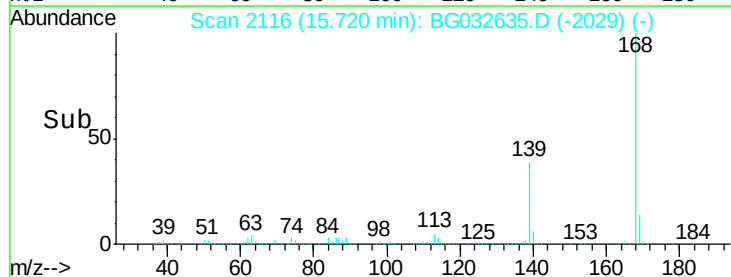
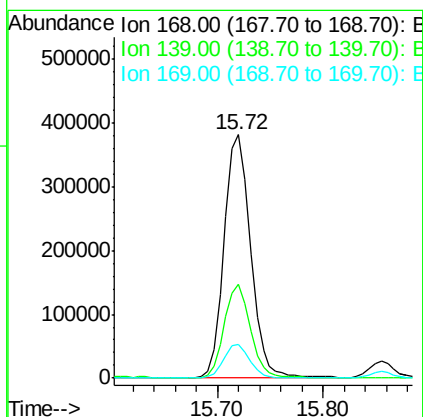
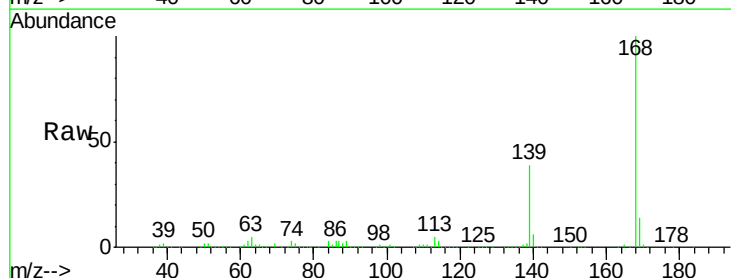
Instrument :
BNA_G
ClientSampleId :

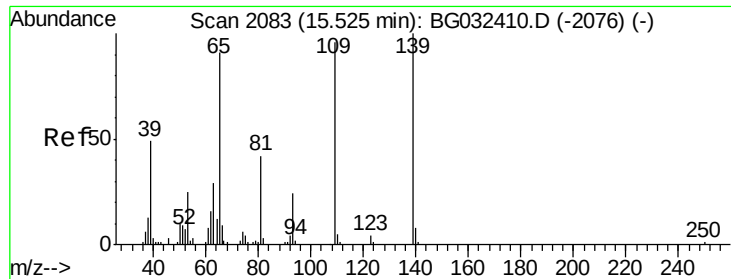
Tot Ion:184 Resp: 169006
Ion Ratio Lower Upper
184 100
63 46.5 59.8 89.8#
154 68.8 101.8 152.8#



#54
Dibenzofuran
Concen: 48.25 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion:168 Resp: 668283
Ion Ratio Lower Upper
168 100
139 38.8 28.6 43.0
169 14.1 11.2 16.8





#55

4-Nitrophenol

Concen: 77.62 ng

RT: 15.52 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

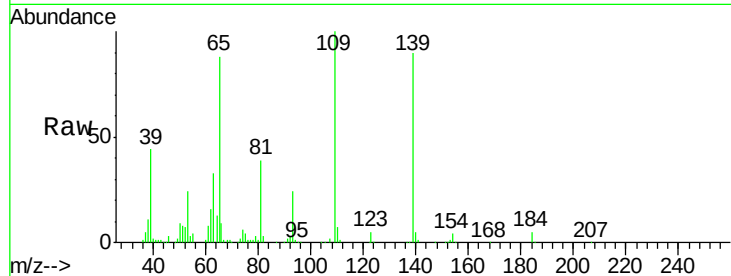
Tot Ion:139 Resp: 132399

Ion Ratio Lower Upper

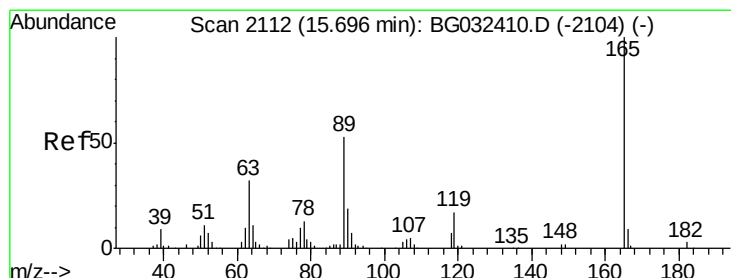
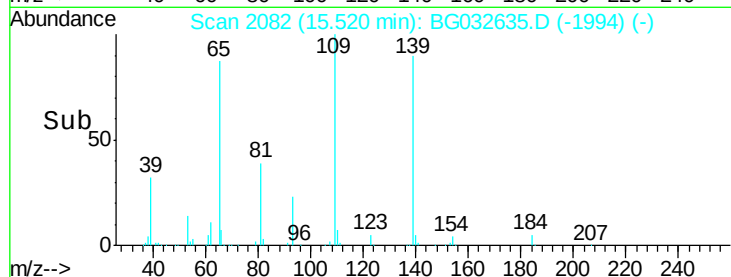
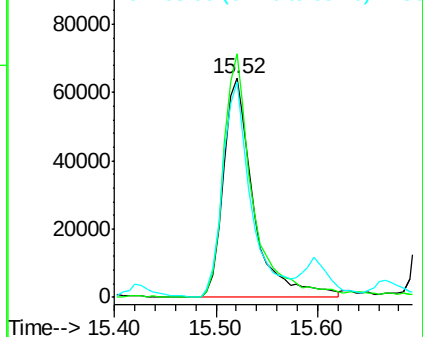
139 100

109 111.3 62.2 102.2#

65 98.4 97.2 137.2



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



#56

2,4-Dinitrotoluene

Concen: 51.77 ng

RT: 15.67 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion:165 Resp: 192276

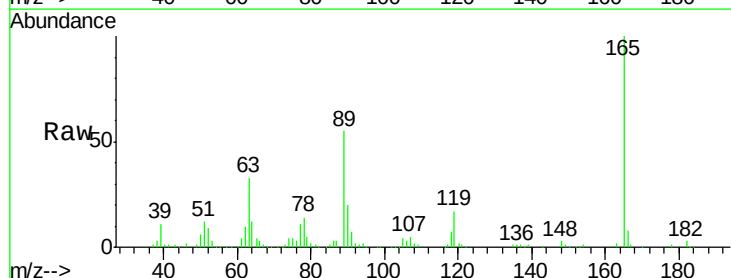
Ion Ratio Lower Upper

165 100

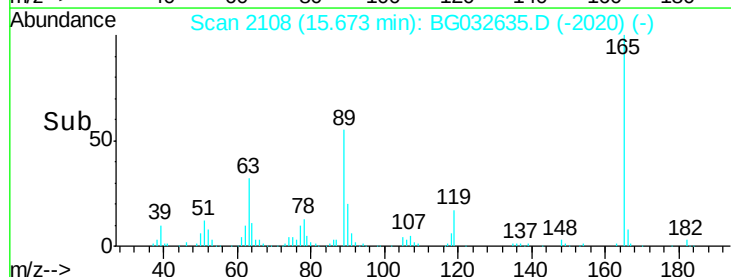
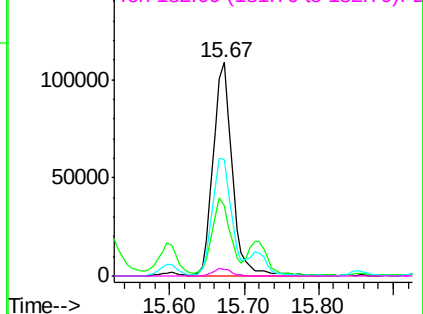
63 32.7 42.0 63.0#

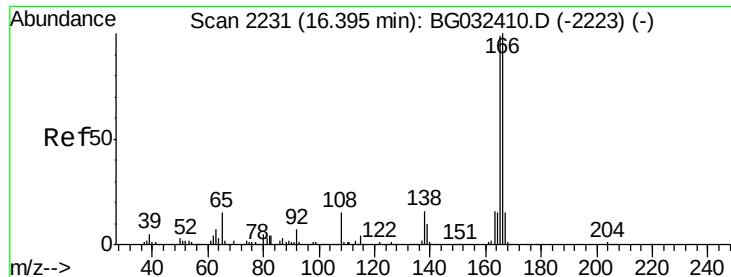
89 54.8 66.9 100.3#

182 3.2 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: 47.69 ng

RT: 16.37 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

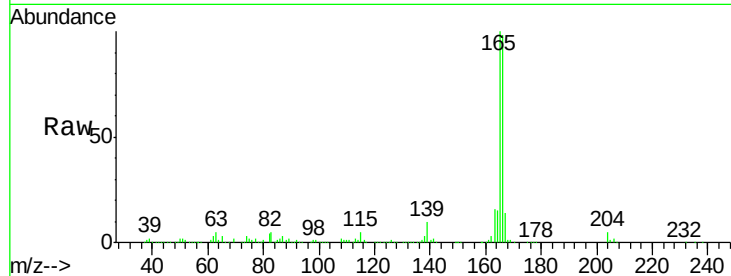
Tot Ion:166 Resp: 548876

Ion Ratio Lower Upper

166 100

165 102.5 80.6 121.0

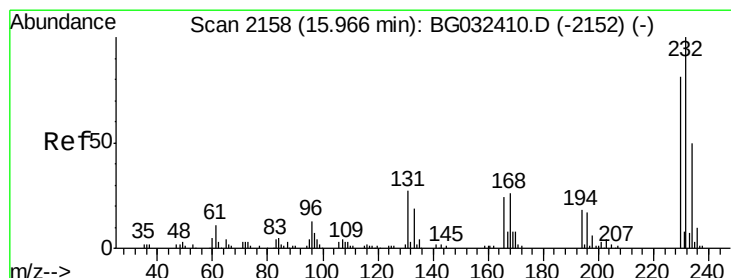
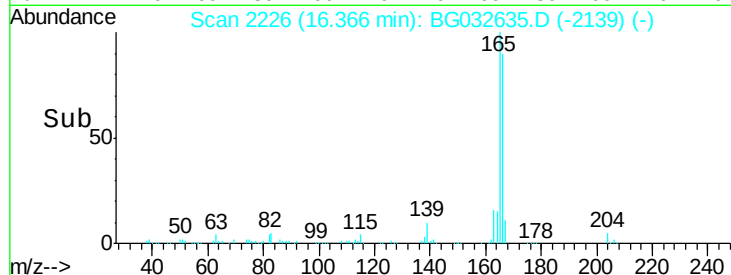
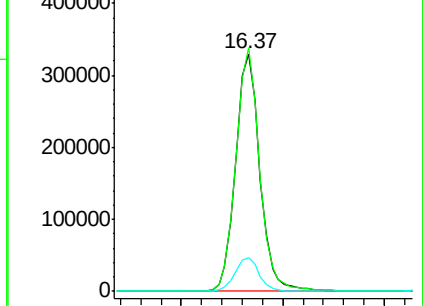
167 13.9 10.4 15.6



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: 55.08 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion:232 Resp: 217218

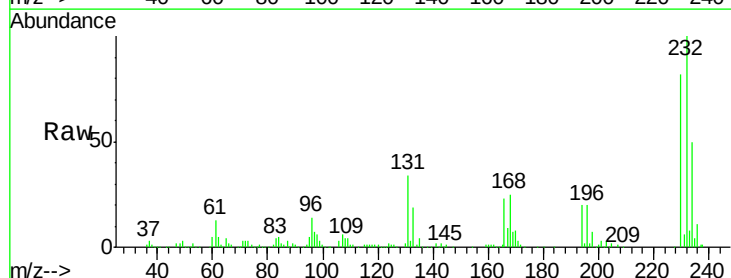
Ion Ratio Lower Upper

232 100

131 31.7 33.5 50.3#

130 2.1 2.2 3.2#

166 23.5 24.8 37.2#

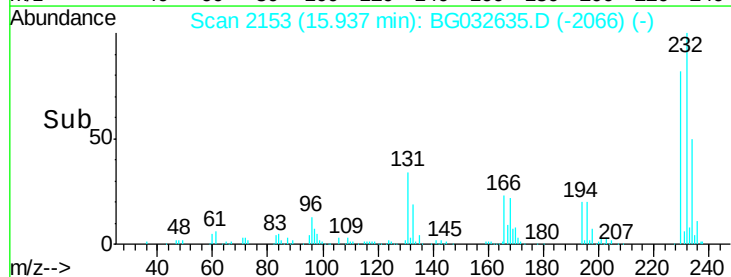
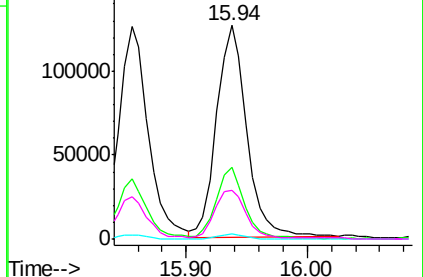


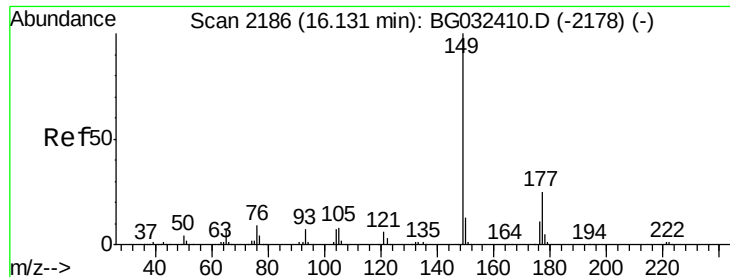
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

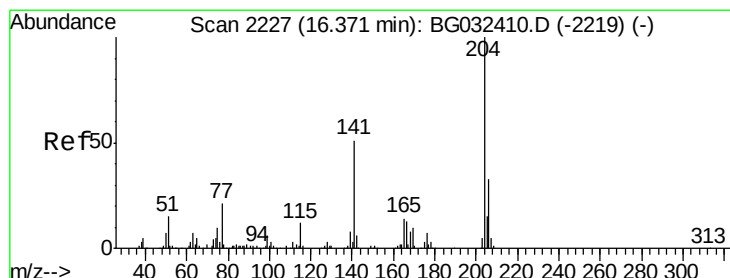
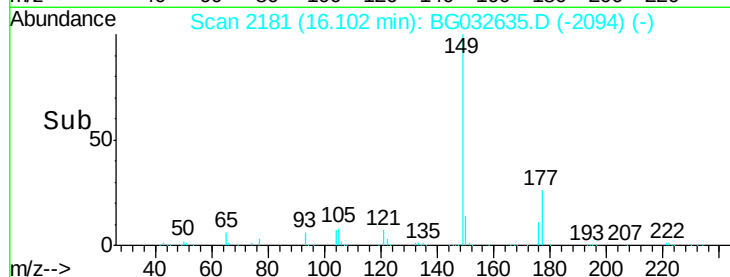
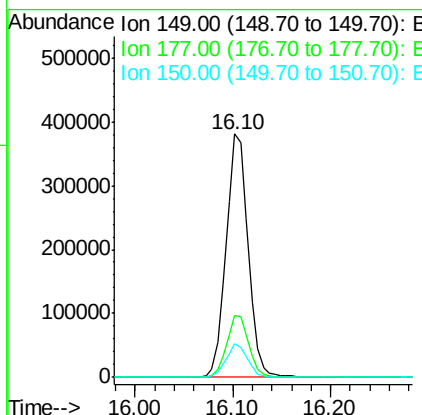
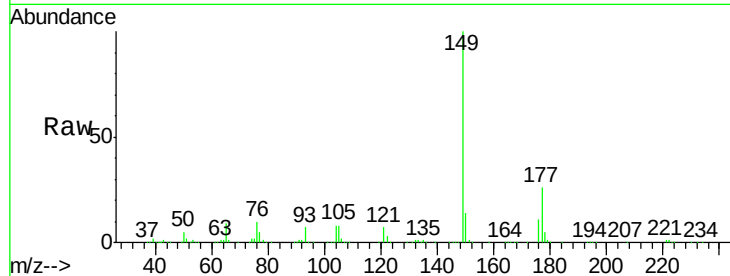




#59
Diethylphthalate
Concen: 49.26 ng
RT: 16.10 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

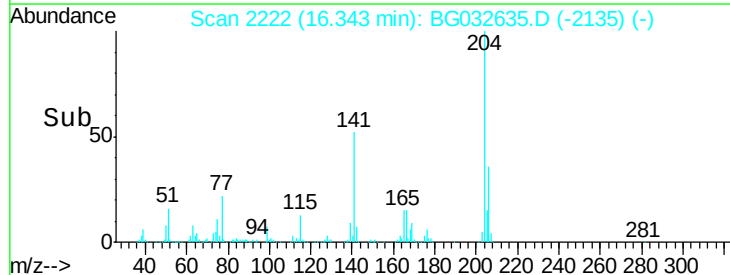
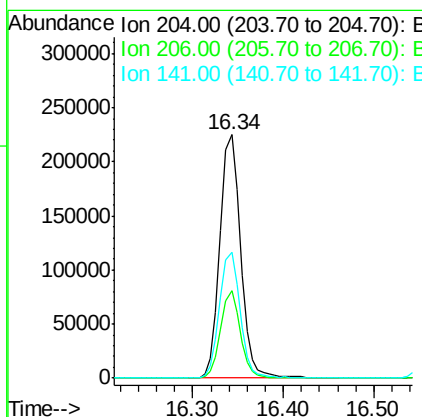
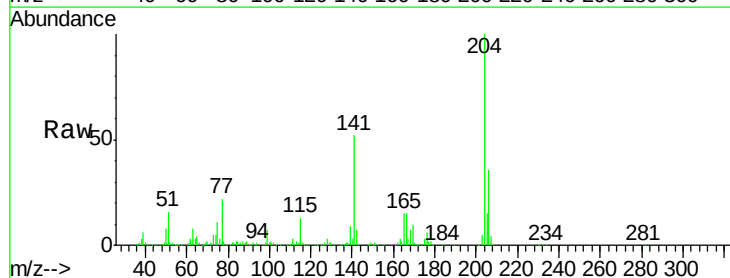
Instrument :
BNA_G
ClientSampled :

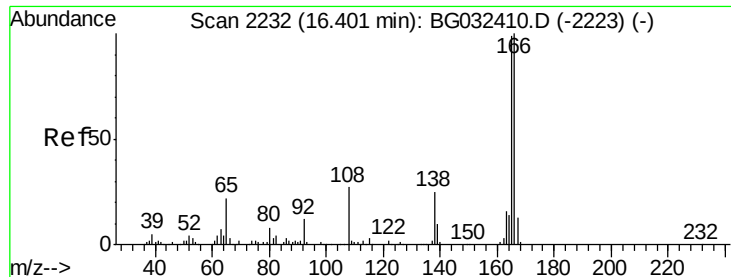
Tot Ion:149 Resp: 596266
Ion Ratio Lower Upper
149 100
177 25.5 18.5 27.7
150 13.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 49.38 ng
RT: 16.34 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion:204 Resp: 358421
Ion Ratio Lower Upper
204 100
206 35.8 26.2 39.2
141 51.7 45.8 68.6





#61

4-Nitroaniline

Concen: 32.79 ng

RT: 16.38 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampled :

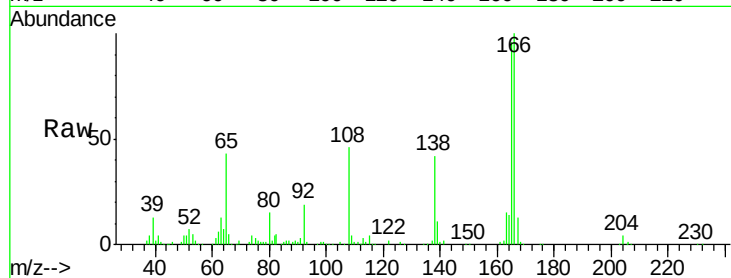
Tot Ion:138 Resp: 80076

Ion Ratio Lower Upper

138 100

92 45.8 40.1 80.1

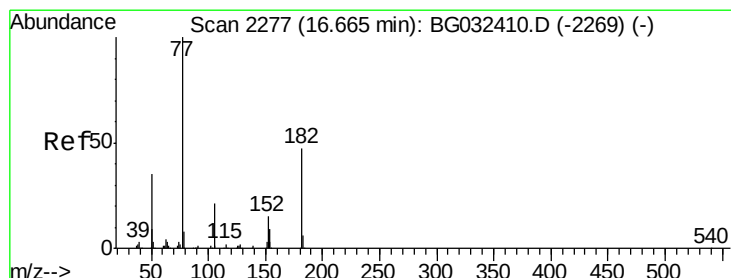
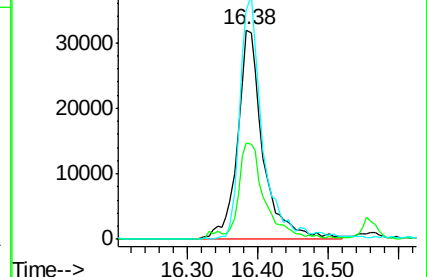
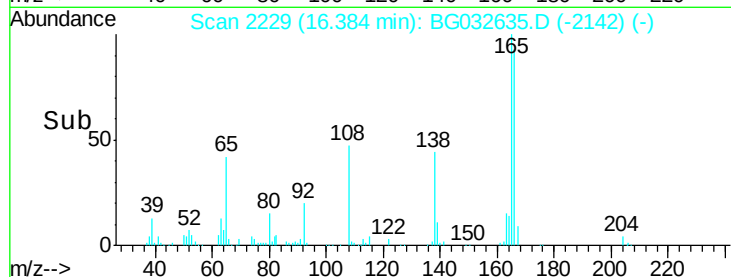
108 109.4 65.4 105.4#



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: 54.55 ng

RT: 16.64 min Scan# 2272

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion: 77 Resp: 394601

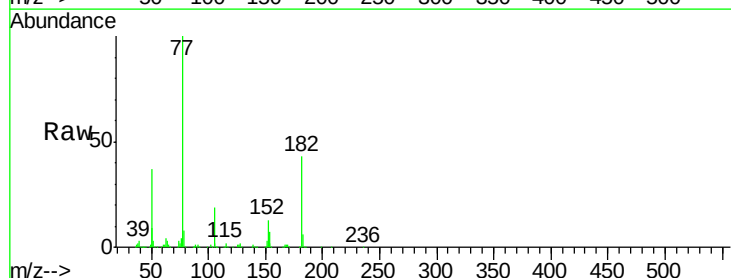
Ion Ratio Lower Upper

77 100

182 42.9 7.4 47.4

105 19.4 0.3 40.3

51 36.5 11.6 51.6

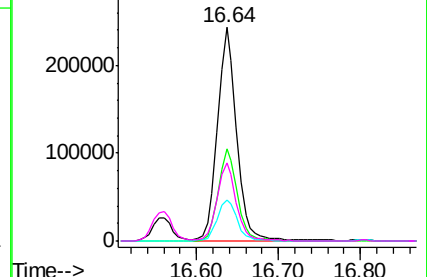
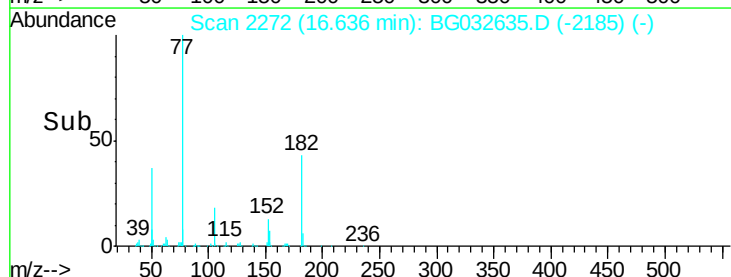


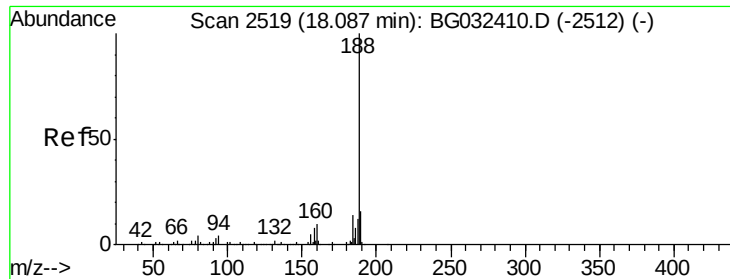
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 18.06 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampled :

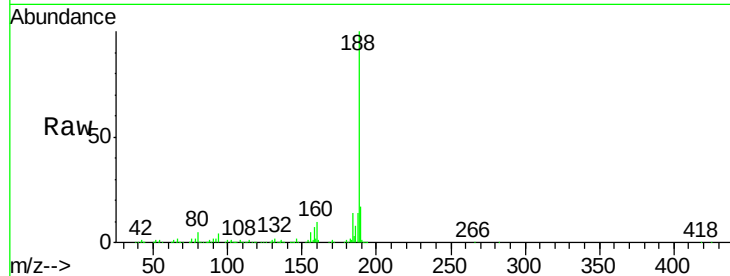
Tot Ion:188 Resp: 366170

Ion Ratio Lower Upper

188 100

94 4.1 6.9 10.3#

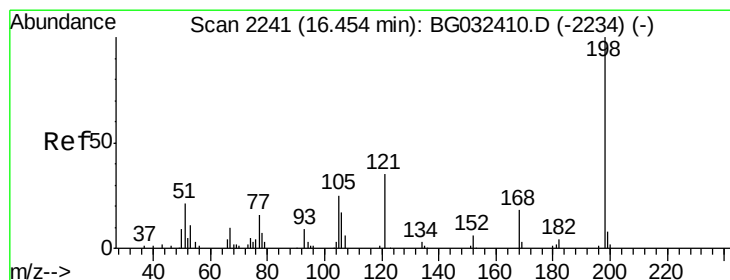
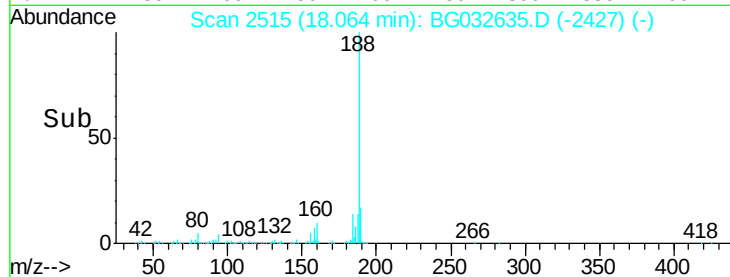
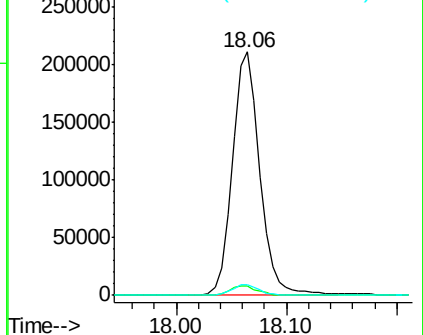
80 4.5 7.7 11.5#



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: 46.24 ng

RT: 16.43 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

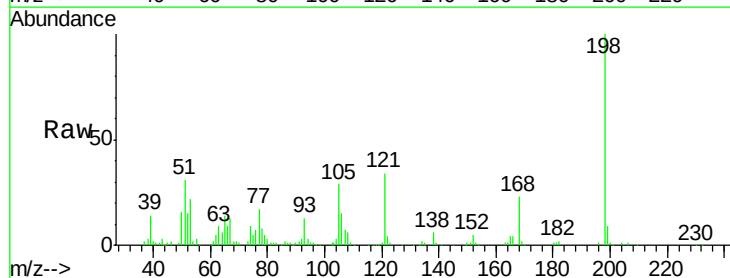
Tgt Ion:198 Resp: 126481

Ion Ratio Lower Upper

198 100

51 31.3 30.6 70.6

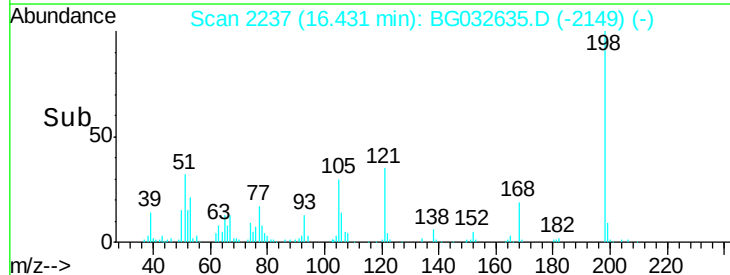
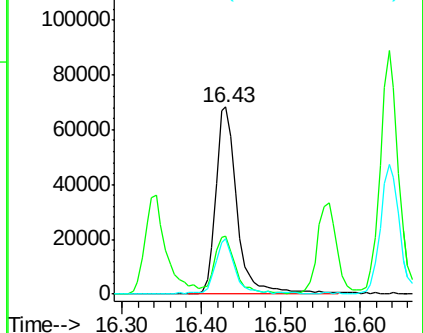
105 29.3 23.8 63.8

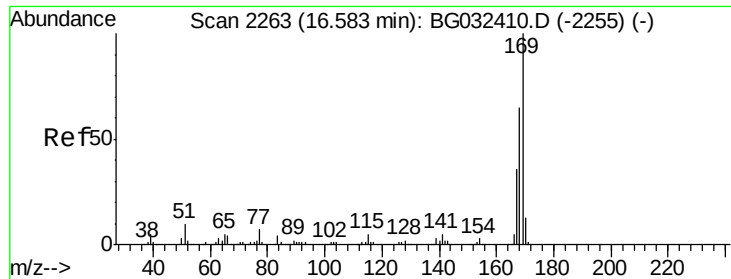


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

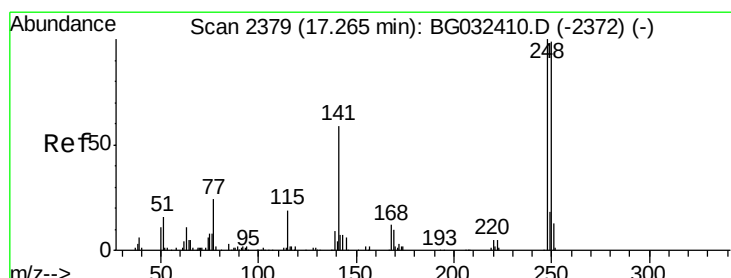
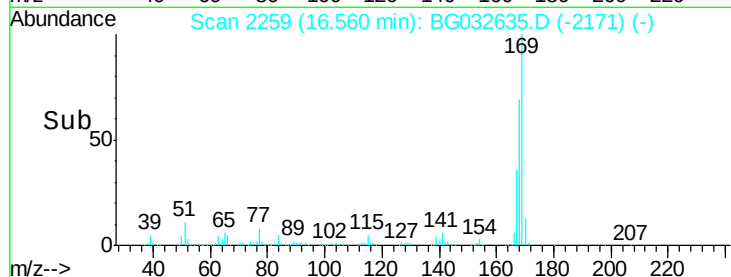
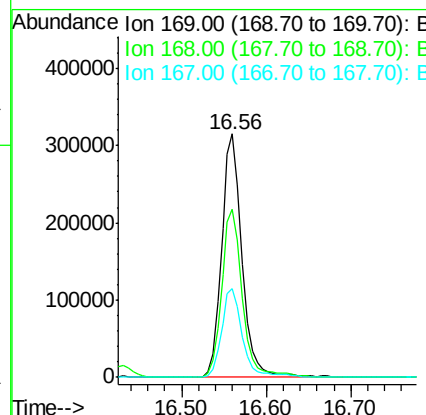
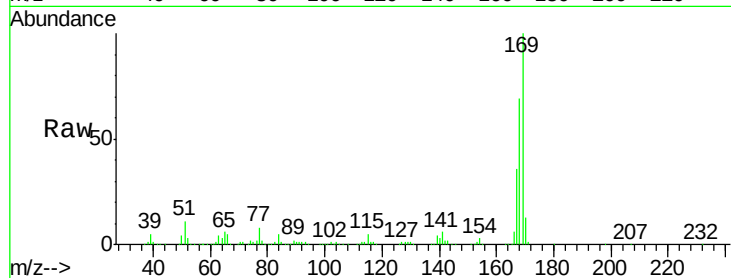




#65
 n-Nitrosodiphenylamine
 Concen: 48.43 ng
 RT: 16.56 min Scan# 2259
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

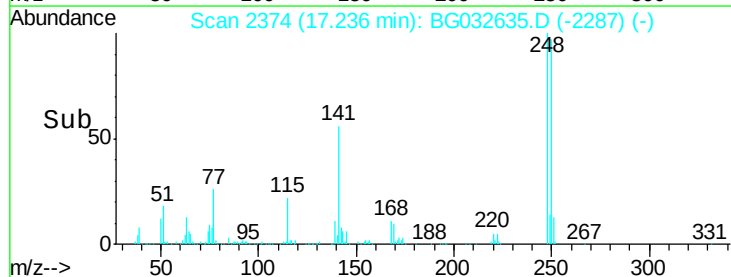
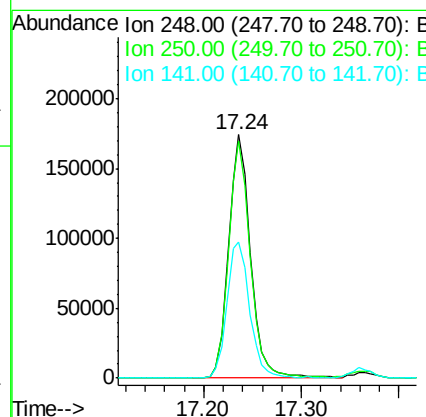
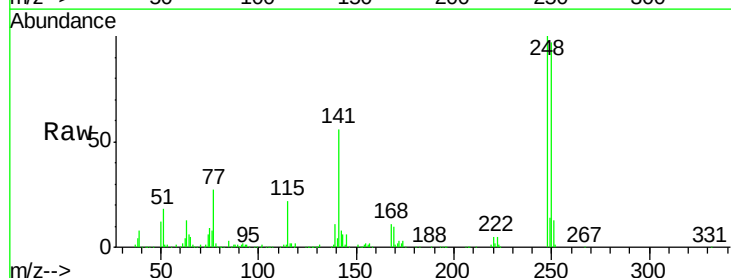
Instrument :
 BNA_G
 ClientSampleId :

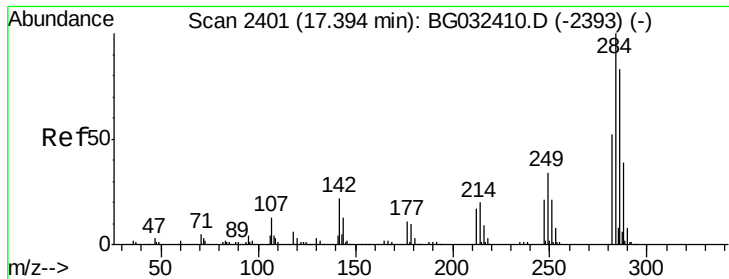
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.7	83.5
167	36.2	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 49.91 ng
 RT: 17.24 min Scan# 2374
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.1	115.7
141	56.0	50.8	76.2





#67

Hexachlorobenzene

Concen: 44.46 ng

RT: 17.37 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG032635.D

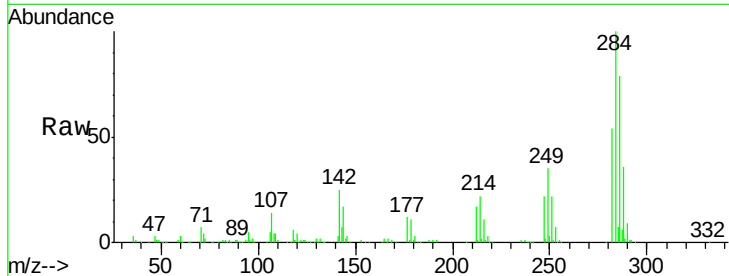
Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampled :

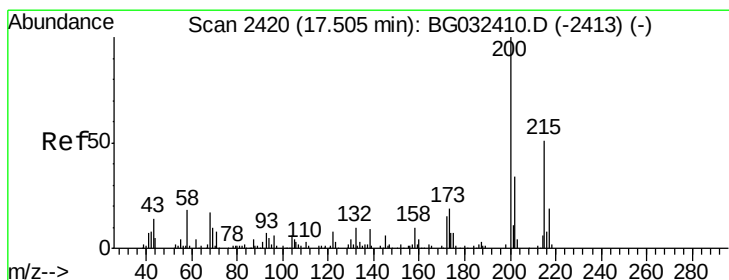
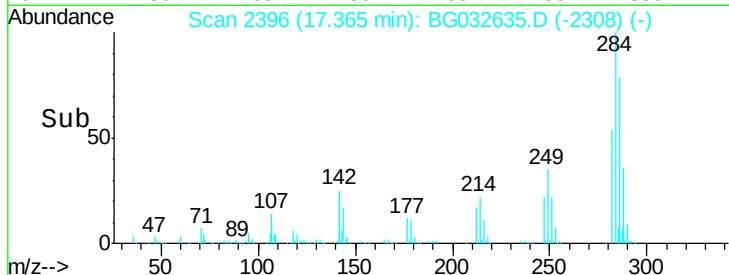
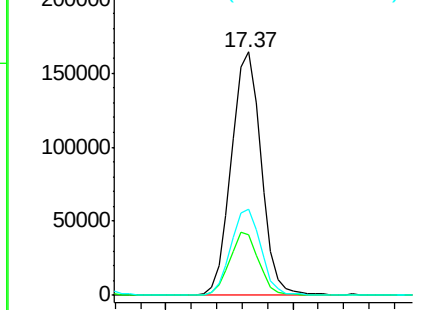
Tot Ion:284	Resp:	266904
Ion Ratio	Lower	Upper
284 100		
142 24.7	26.8	40.2#
249 35.5	26.3	39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.64 ng

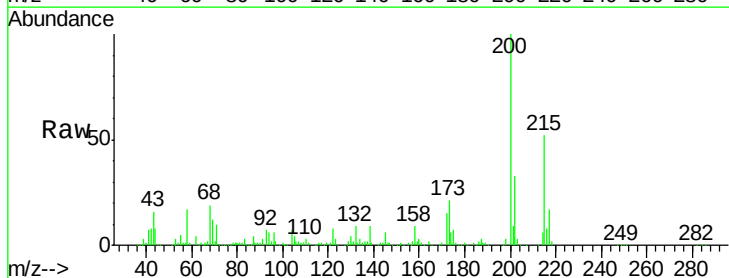
RT: 17.48 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

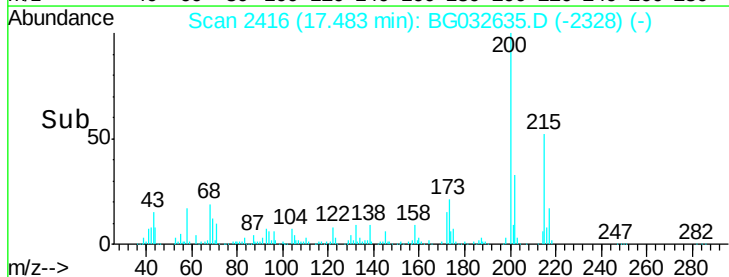
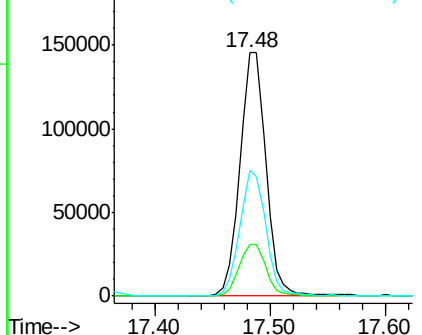
Tgt Ion:200	Resp:	228181
Ion Ratio	Lower	Upper
200 100		
173 21.4	5.2	45.2
215 51.7	30.4	70.4

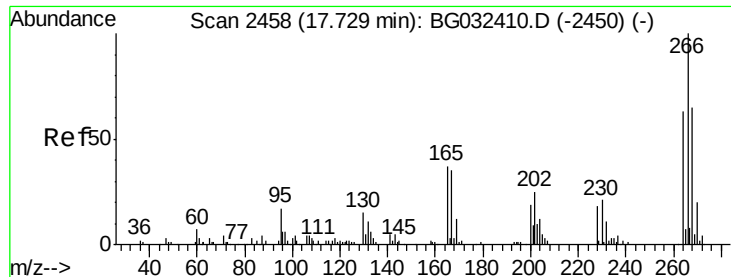


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

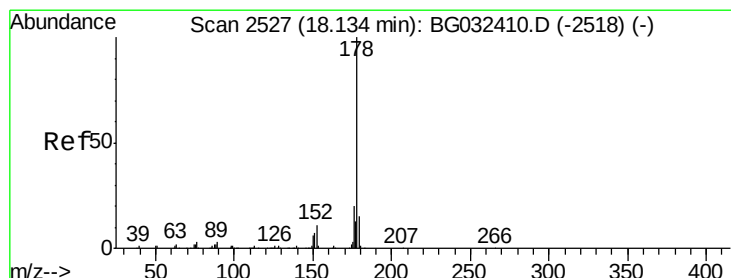
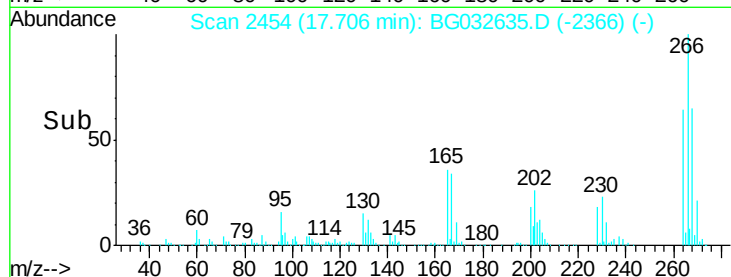
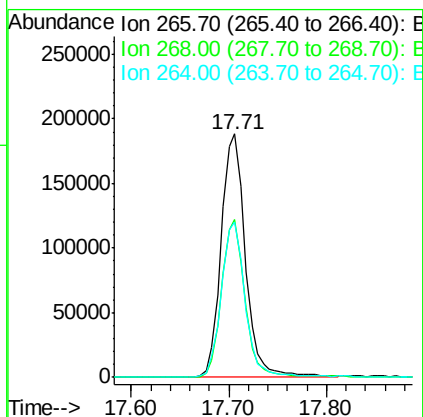
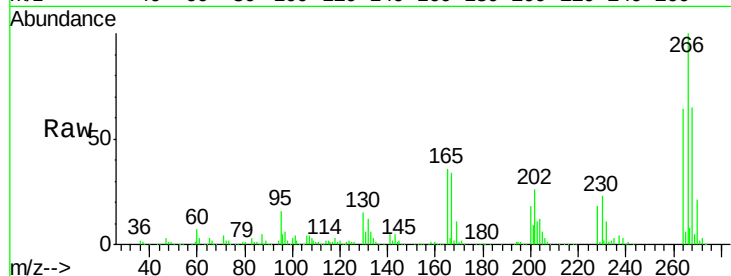




#69
 Pentachlorophenol
 Concen: 86.61 ng
 RT: 17.71 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

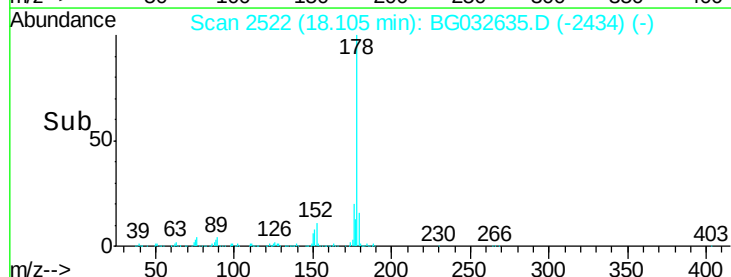
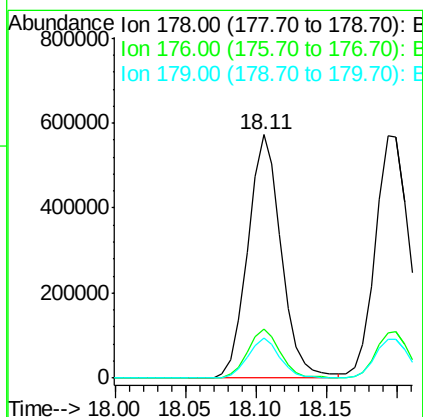
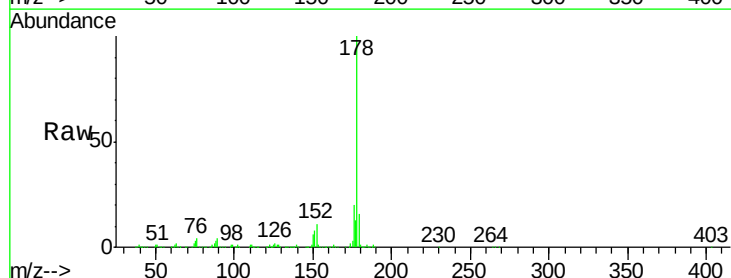
Instrument :
 BNA_G
 ClientSampled :

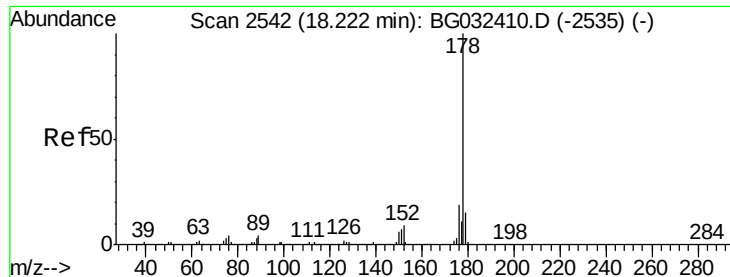
Tot Ion:266 Resp: 325731
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.1 76.7
 264 64.0 49.6 74.4



#70
 Phenanthrene
 Concen: 46.68 ng
 RT: 18.11 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion:178 Resp: 953312
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.7 23.5
 179 16.3 12.5 18.7

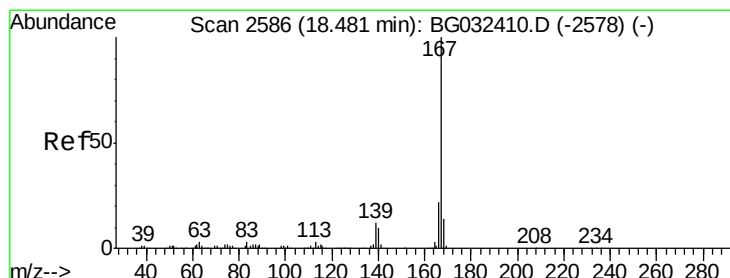
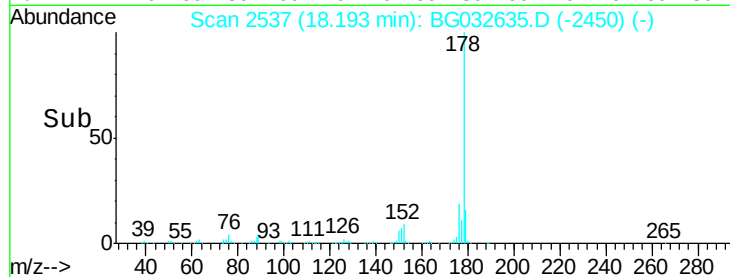
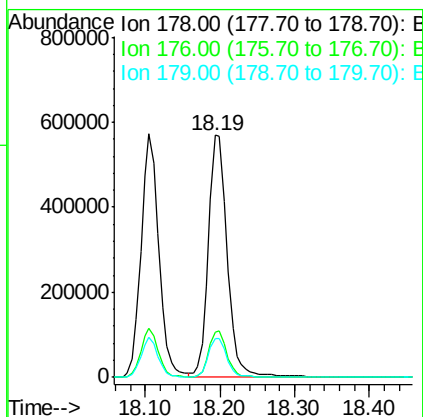
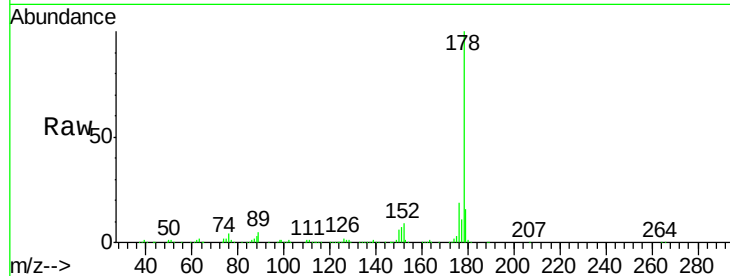




#71
 Anthracene
 Concen: 48.96 ng
 RT: 18.19 min Scan# 2537
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

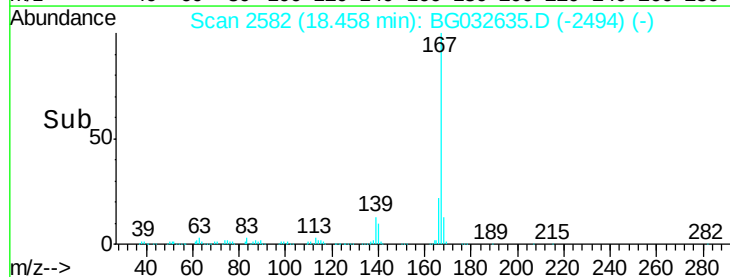
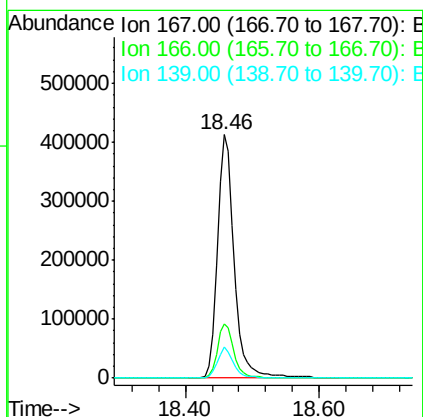
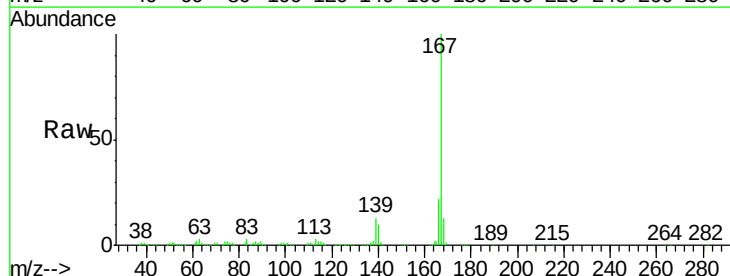
Instrument :
 BNA_G
 ClientSampleId :

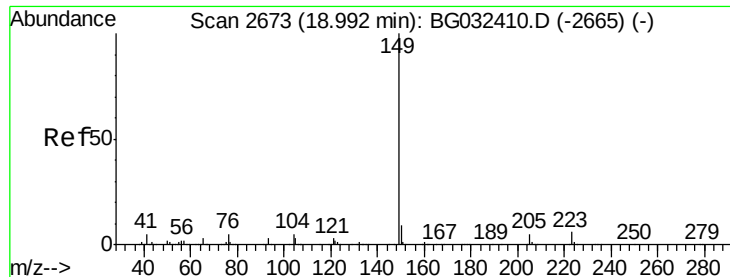
Tot Ion:178 Resp: 995514
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 40.79 ng
 RT: 18.46 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion:167 Resp: 732801
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 12.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 42.59 ng

RT: 18.96 min Scan# 2668

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

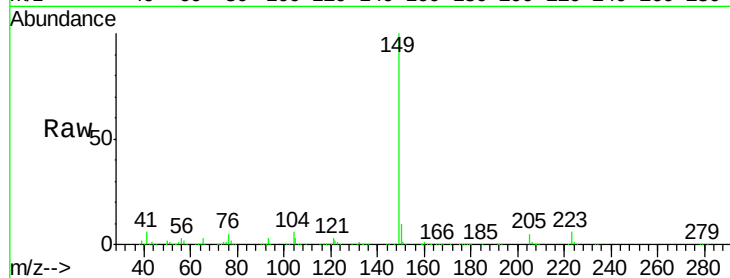
Tot Ion:149 Resp: 847170

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

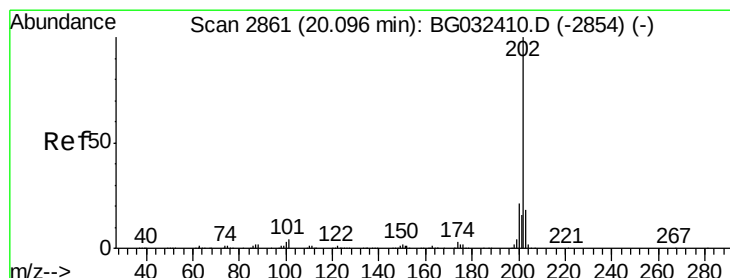
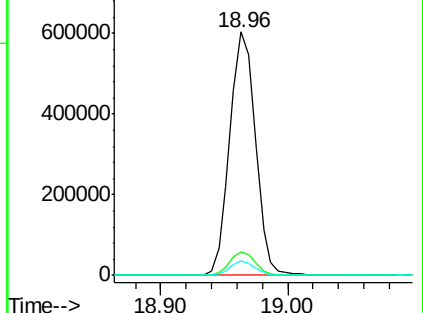
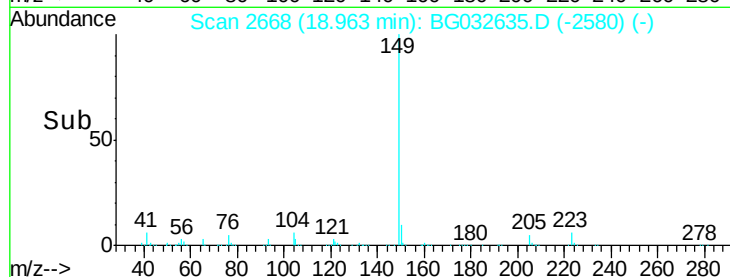
104 6.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.38 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

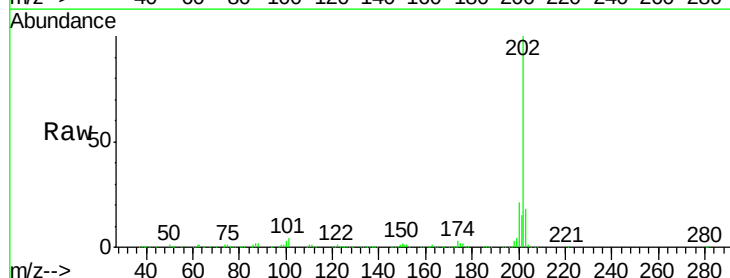
Tgt Ion:202 Resp: 1081252

Ion Ratio Lower Upper

202 100

101 4.3 0.0 28.9

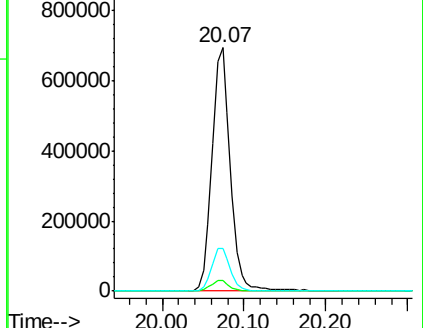
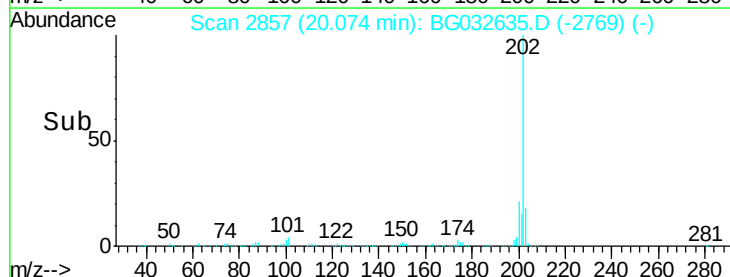
203 17.6 0.0 37.5

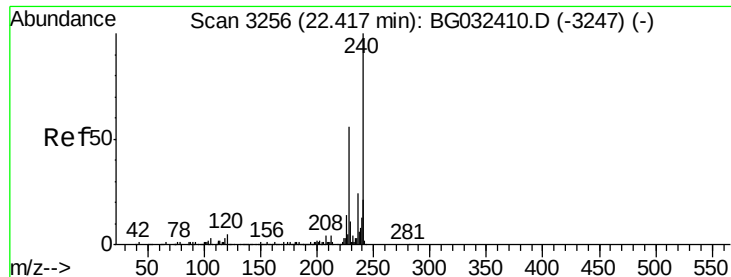


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.39 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

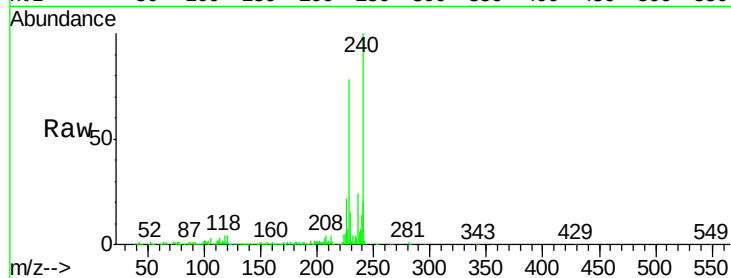
Tot Ion:240 Resp: 353990

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

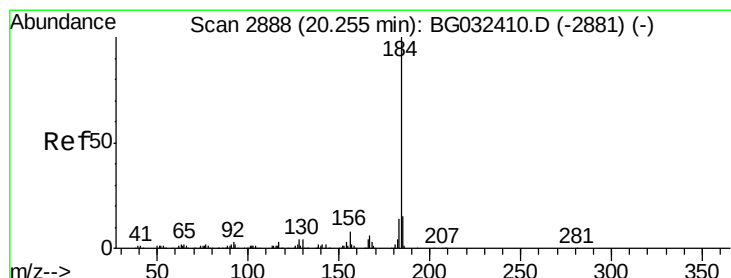
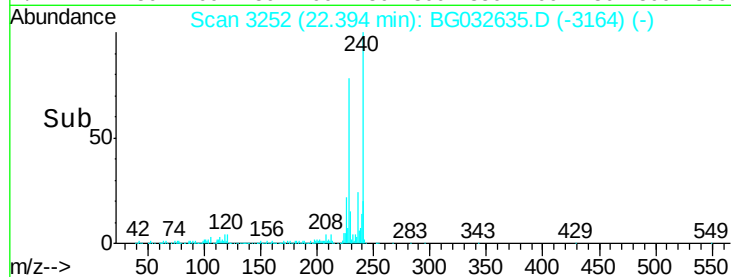
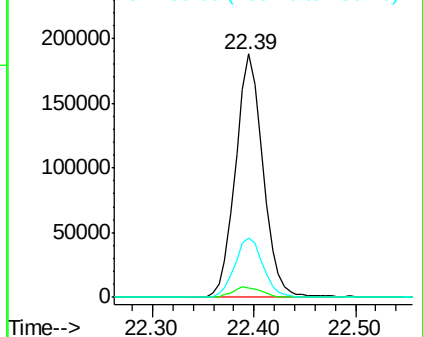
236 24.4 20.9 31.3



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: 8.13 ng

RT: 20.25 min Scan# 2887

Delta R.T. 0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

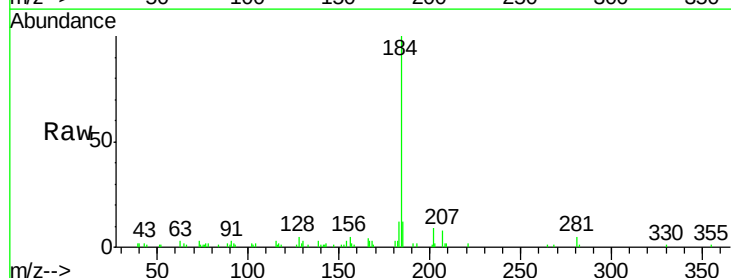
Tgt Ion:184 Resp: 56479

Ion Ratio Lower Upper

184 100

185 12.4 11.1 16.7

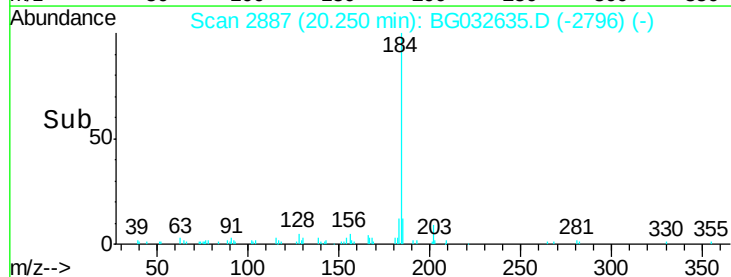
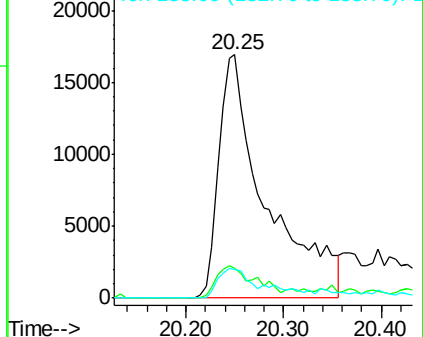
183 11.8 10.6 16.0

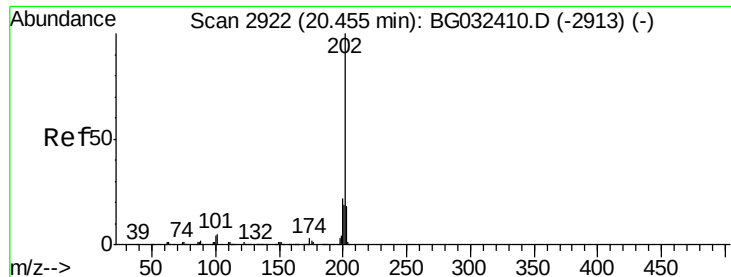


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.01 ng

RT: 20.43 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampled :

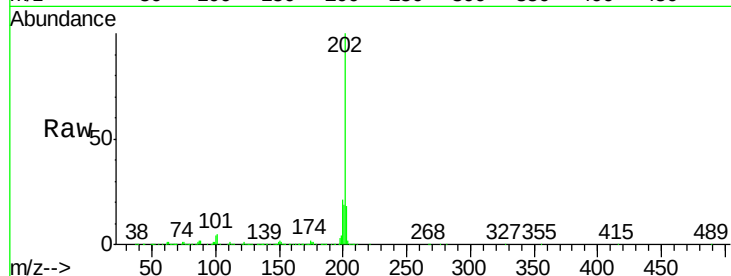
Tot Ion:202 Resp: 1064001

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.5	13.9	20.9

202 100

200 21.4 16.9 25.3

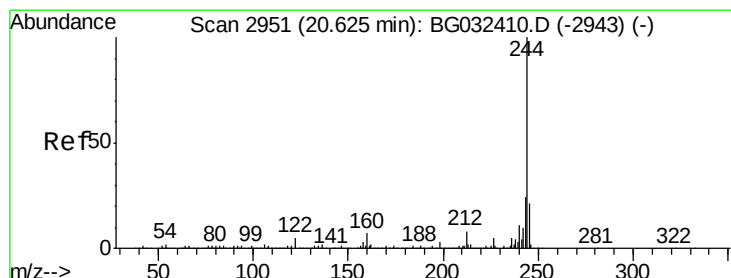
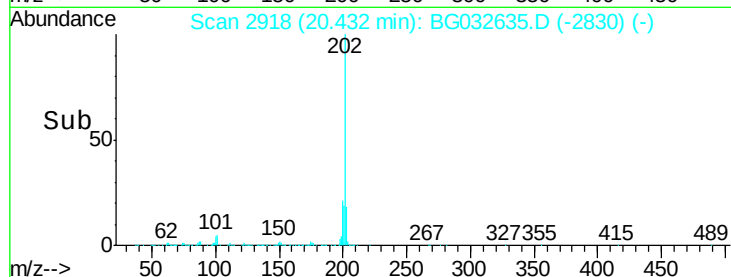
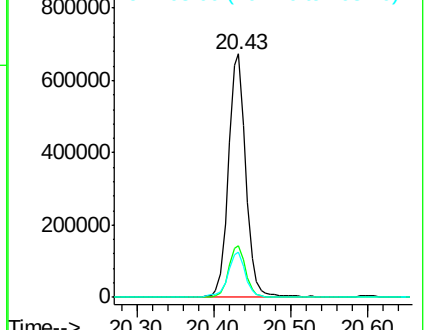
203 18.5 13.9 20.9



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: 91.66 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

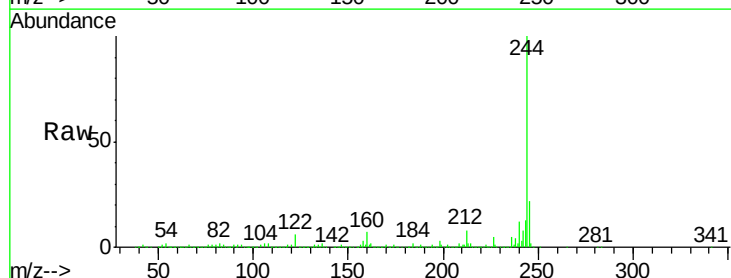
Tgt Ion:244 Resp: 1514782

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	5.5	7.0	10.4#

244 100

212 8.0 5.8 8.8

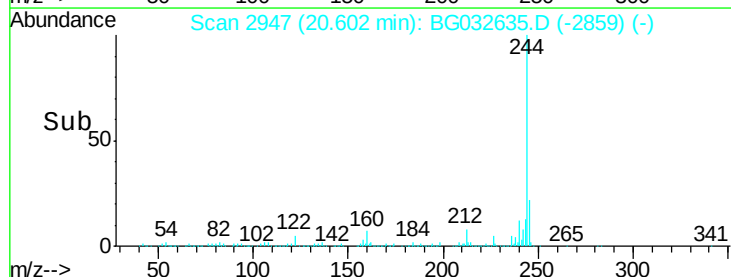
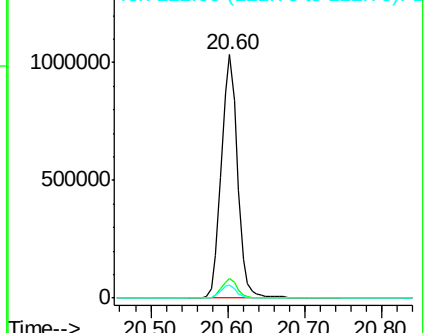
122 5.5 7.0 10.4#

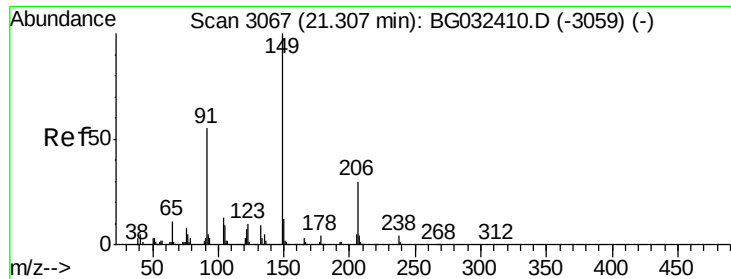


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 50.66 ng

RT: 21.29 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

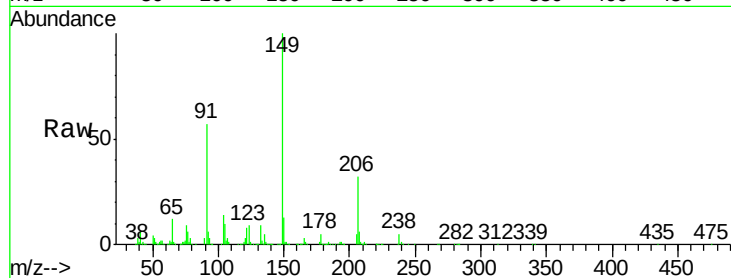
Tot Ion:149 Resp: 346917

Ion Ratio Lower Upper

149 100

91 57.2 62.2 93.2#

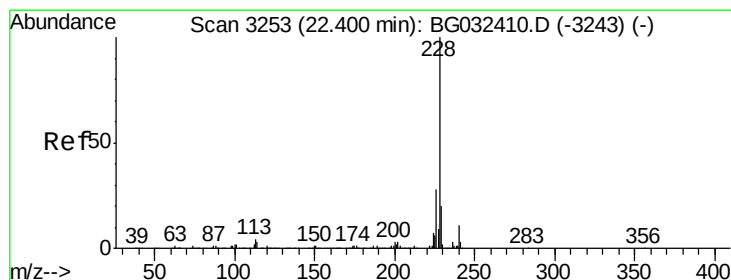
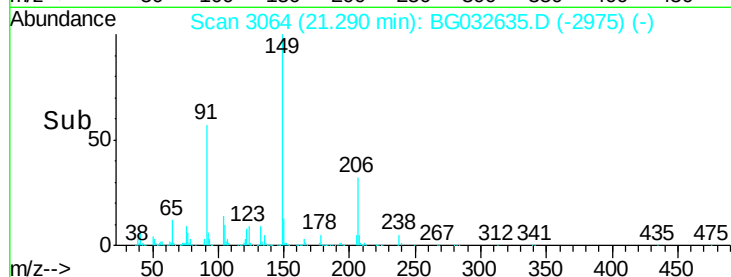
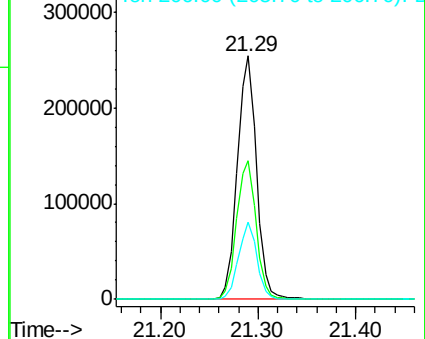
206 31.7 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 50.19 ng

RT: 22.37 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

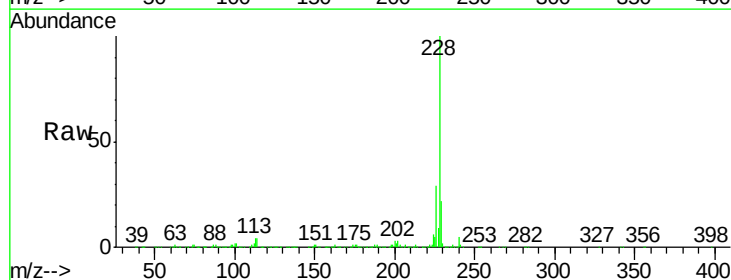
Tgt Ion:228 Resp: 1101551

Ion Ratio Lower Upper

228 100

226 28.9 22.7 34.1

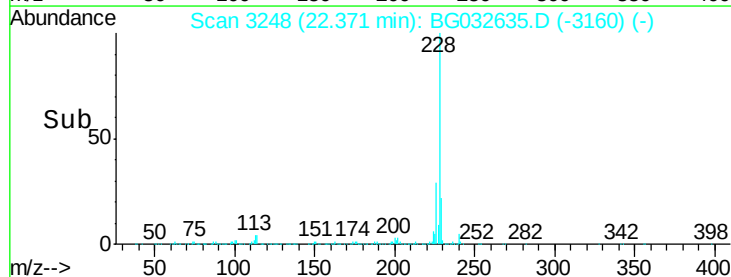
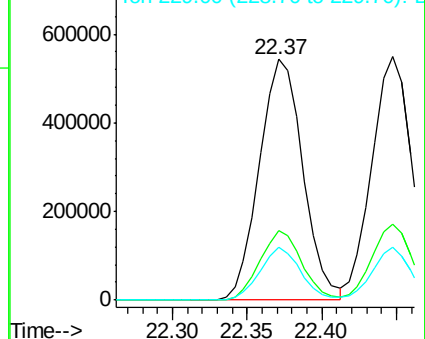
229 21.8 16.2 24.2

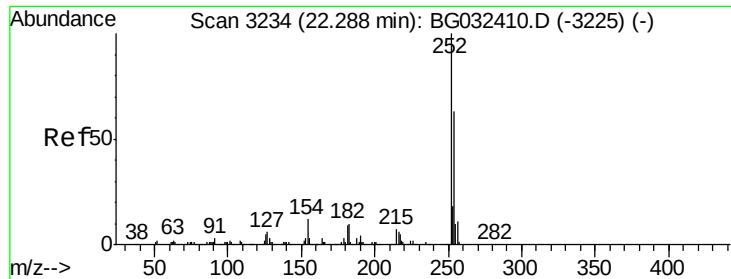


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

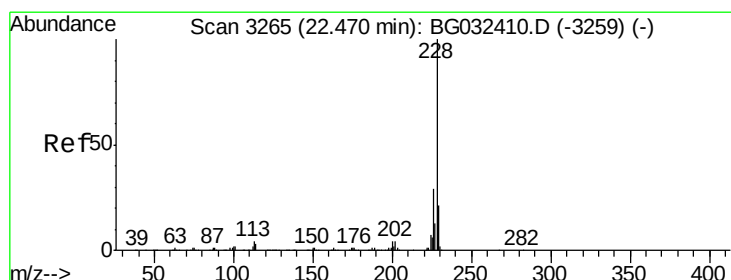
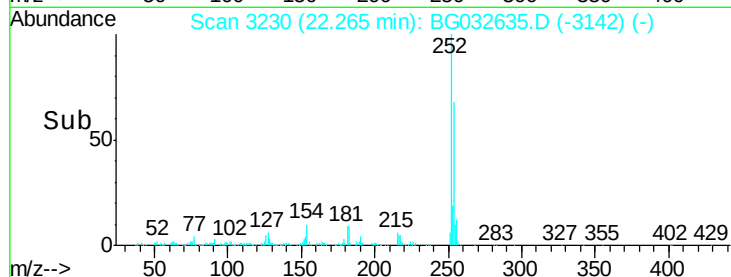
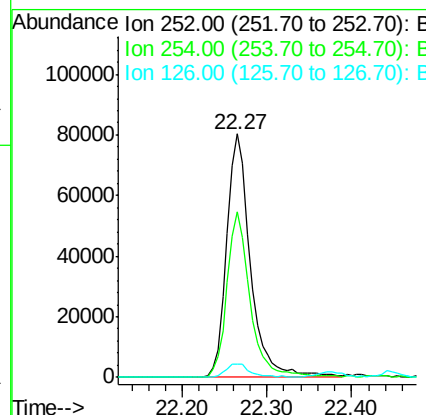
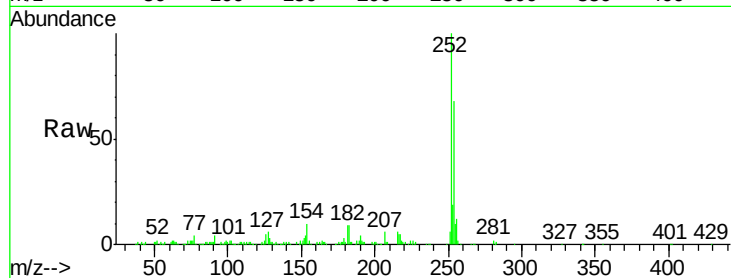




#81
 3,3'-Dichlorobenzidine
 Concen: 18.49 ng
 RT: 22.27 min Scan# 3230
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

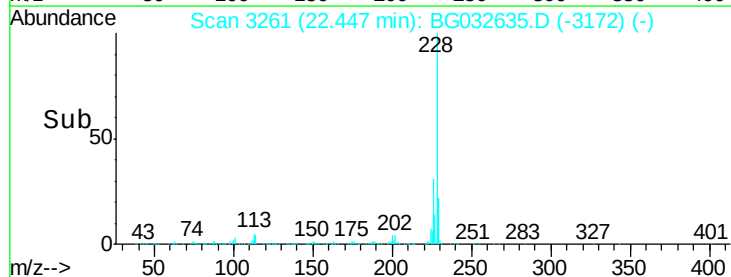
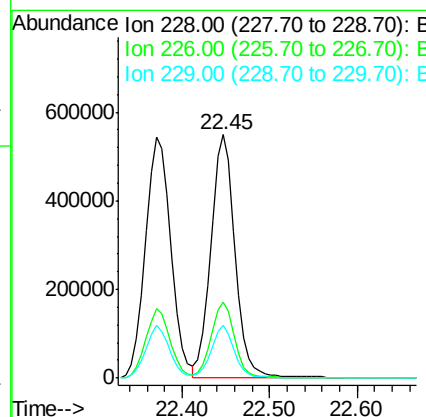
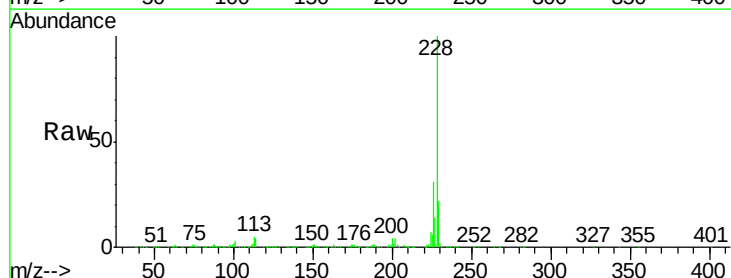
Instrument :
 BNA_G
 ClientSampleId :

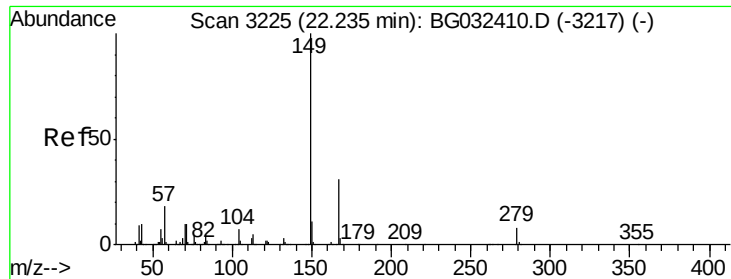
Tot Ion:252 Resp: 157227
 Ion Ratio Lower Upper
 252 100
 254 68.0 50.8 76.2
 126 5.5 7.4 11.2#



#82
 Chrysene
 Concen: 49.39 ng
 RT: 22.45 min Scan# 3261
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion:228 Resp: 1046775
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.9 37.3
 229 21.6 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.91 ng

RT: 22.21 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

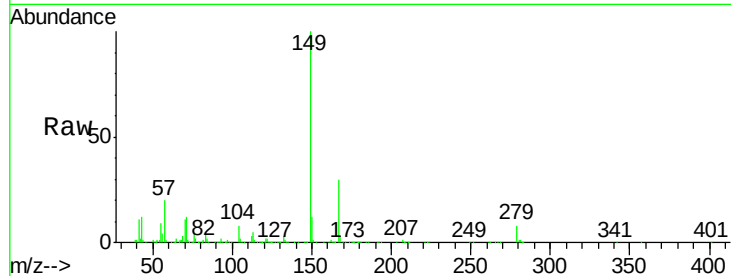
Tot Ion:149 Resp: 494309

Ion Ratio Lower Upper

149 100

167 29.9 24.3 36.5

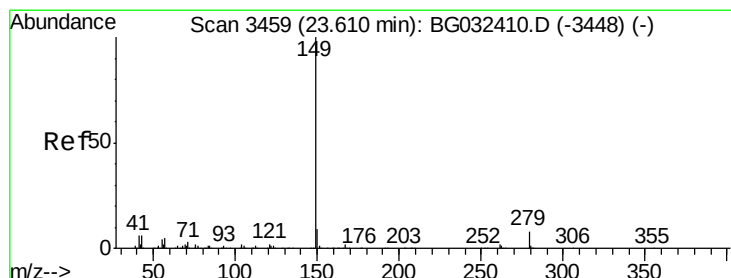
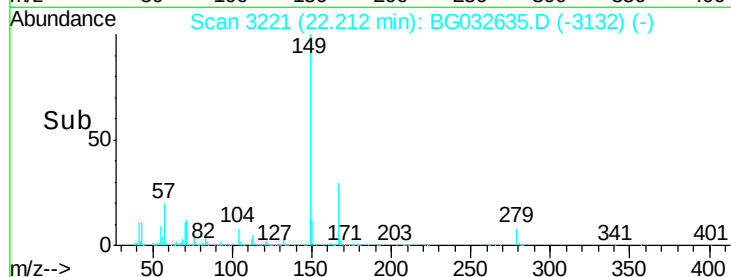
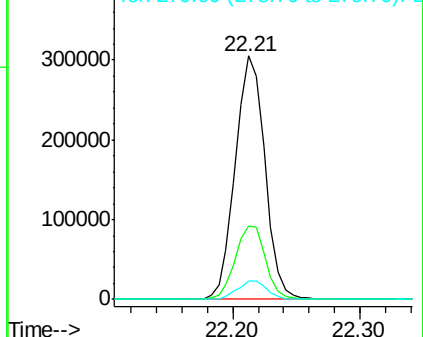
279 7.8 4.0 6.0#



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: 56.05 ng

RT: 23.58 min Scan# 3454

Delta R.T. 0.00 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

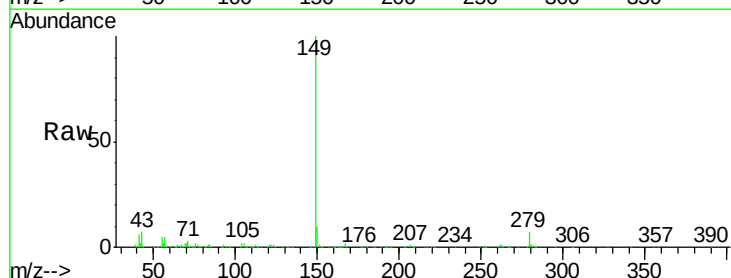
Tgt Ion:149 Resp: 863274

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

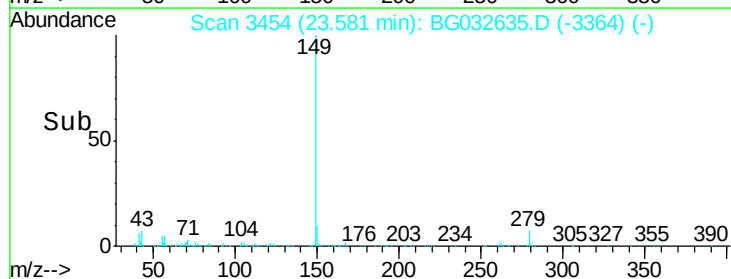
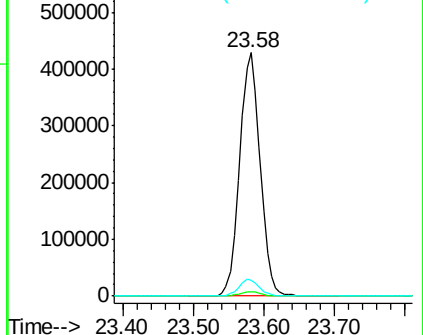
43 6.7 8.9 13.3#

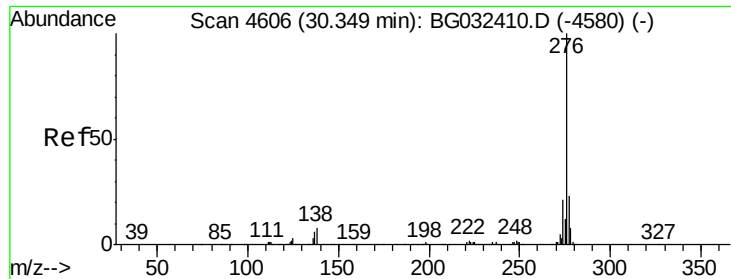


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

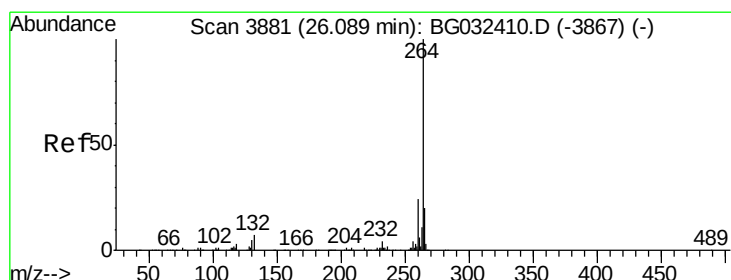
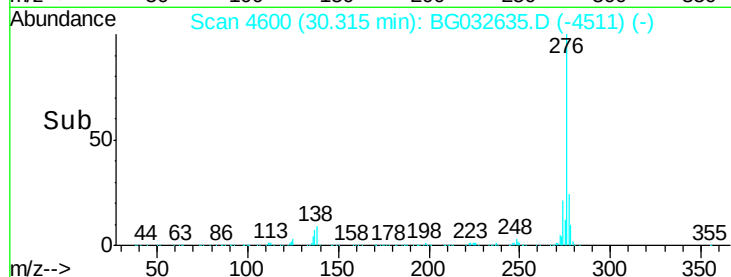
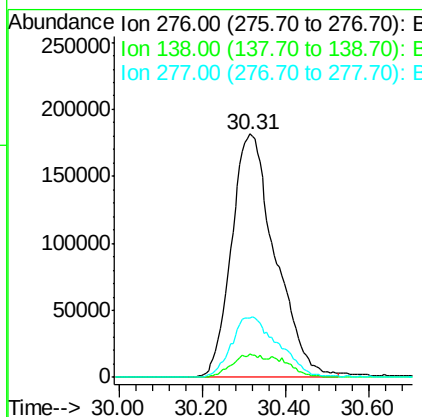
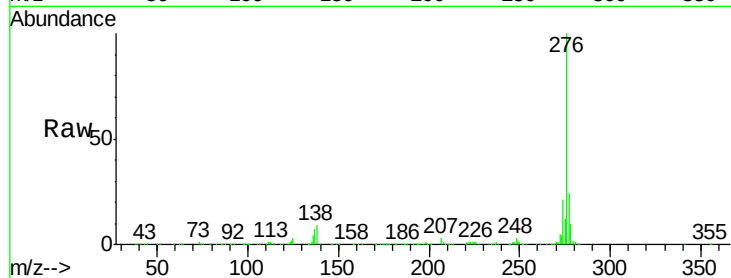




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.41 ng
 RT: 30.31 min Scan# 4600
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

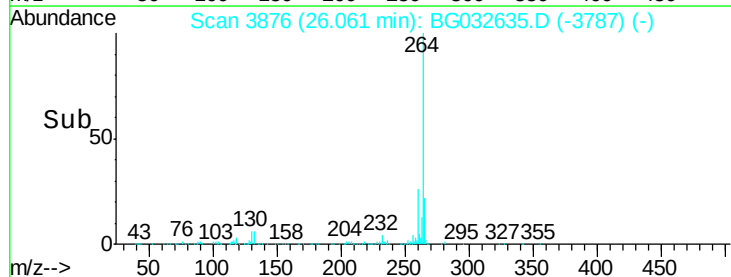
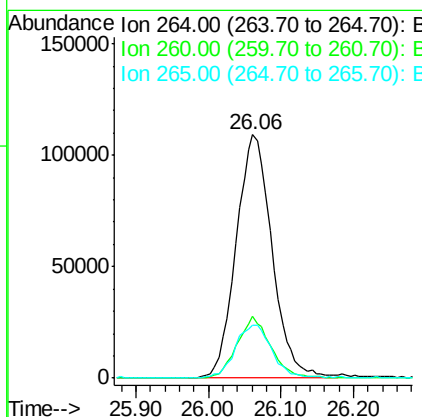
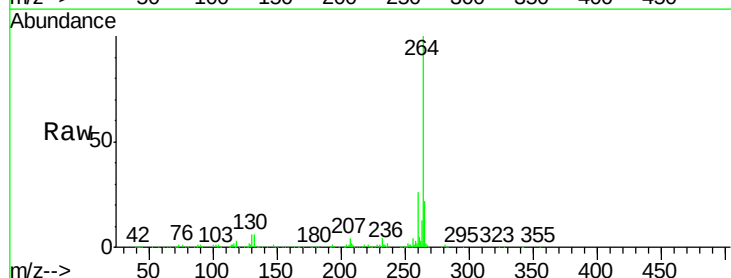
Instrument :
 BNA_G
 ClientSampled :

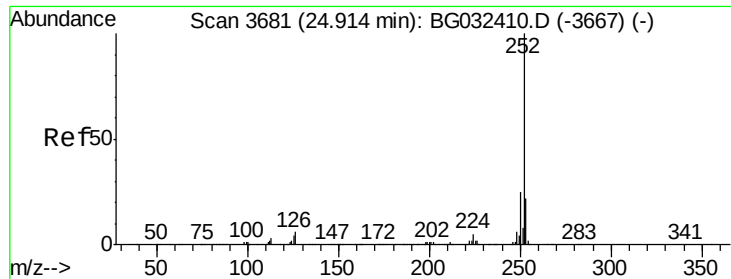
Tot Ion:276 Resp: 1324737
 Ion Ratio Lower Upper
 276 100
 138 6.9 16.0 24.0#
 277 26.5 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.06 min Scan# 3876
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion:264 Resp: 376125
 Ion Ratio Lower Upper
 264 100
 260 25.5 17.4 26.0
 265 22.0 17.7 26.5

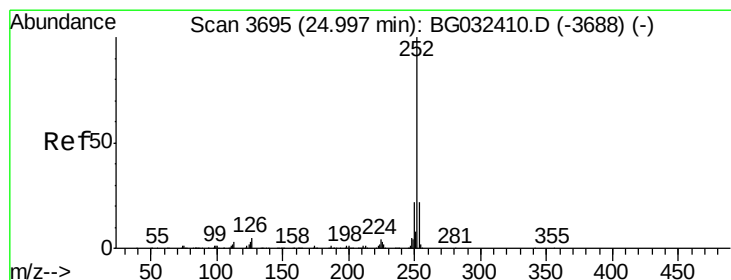
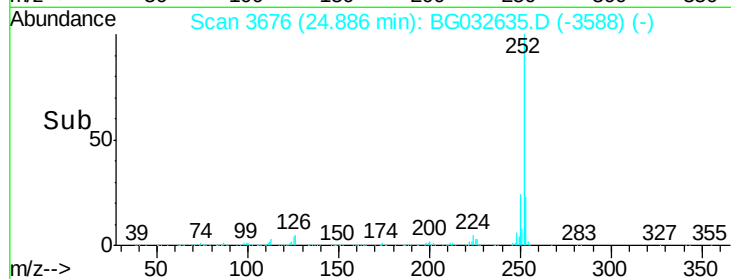
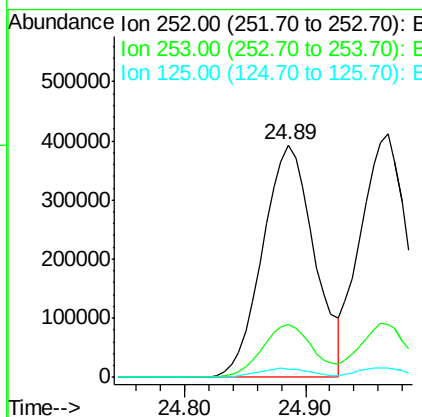
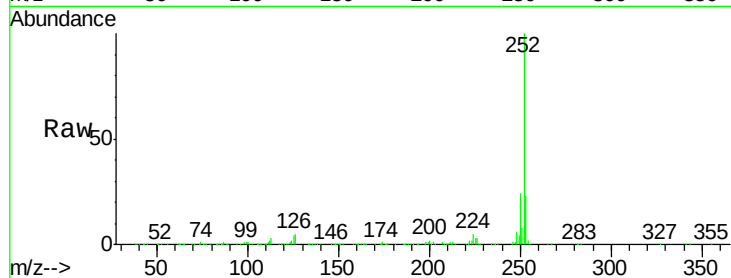




#87
Benzo(b)fluoranthene
Concen: 51.19 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

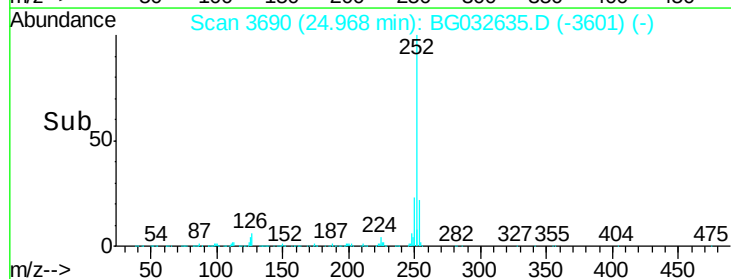
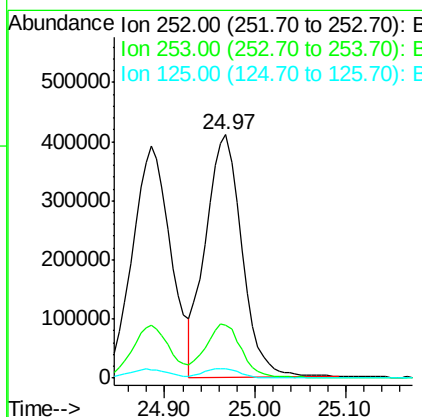
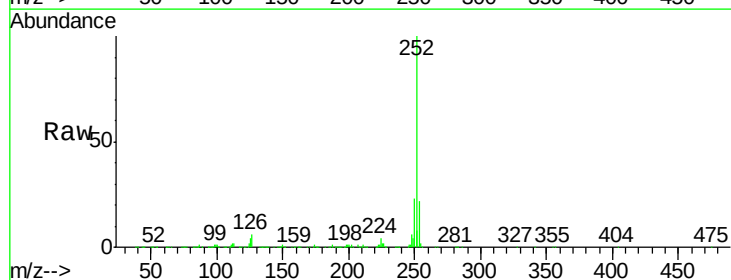
Instrument :
BNA_G
ClientSampled :

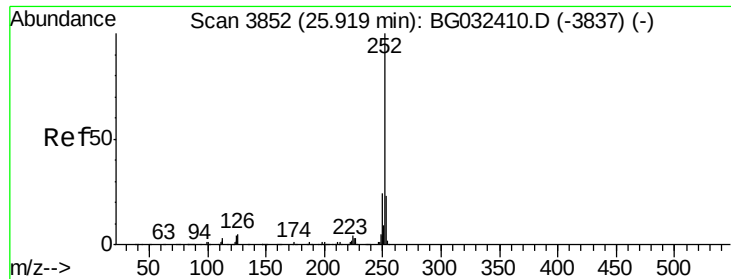
Tot Ion:252 Resp: 1163330
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 3.7 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 50.65 ng
RT: 24.97 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion:252 Resp: 1140229
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 3.7 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 52.39 ng

RT: 25.88 min Scan# 3846

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

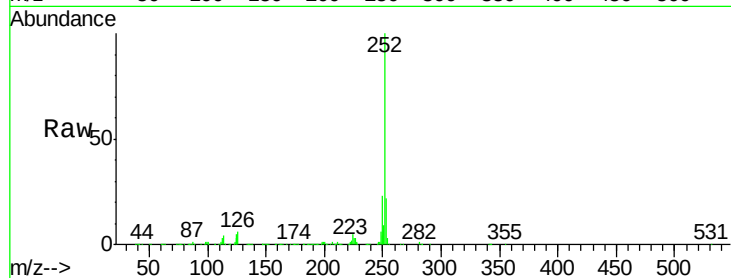
Tot Ion:252 Resp: 1135047

Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

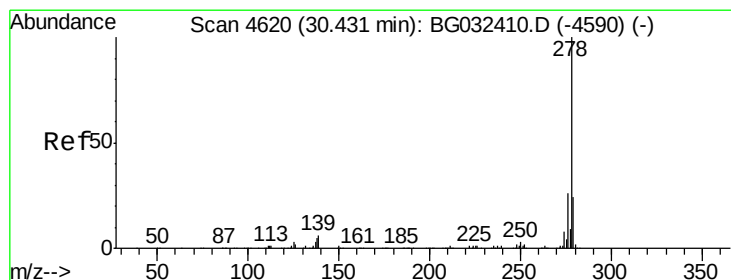
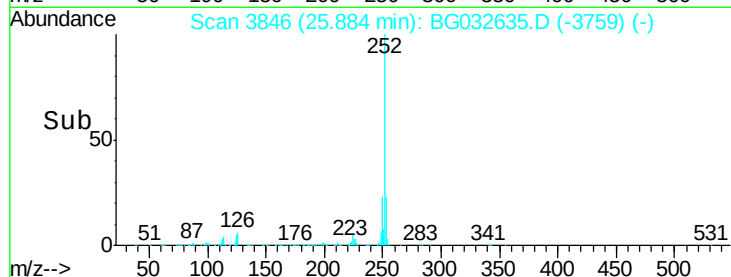
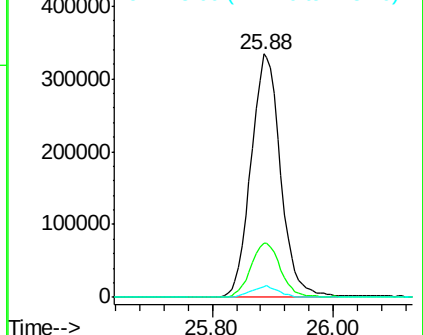
125 4.5 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.94 ng

RT: 30.39 min Scan# 4613

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

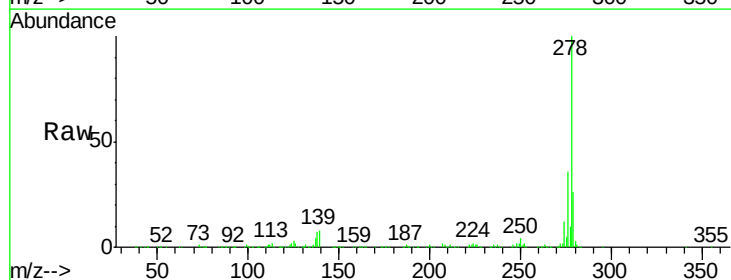
Tgt Ion:278 Resp: 1106931

Ion Ratio Lower Upper

278 100

139 7.6 9.8 14.6#

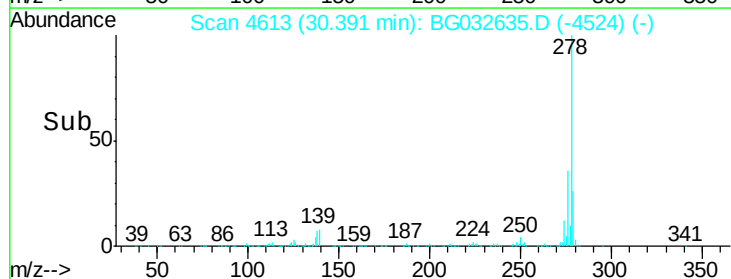
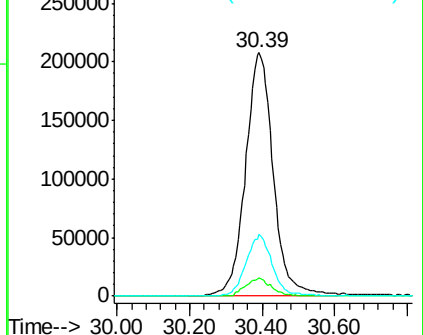
279 25.6 18.4 27.6

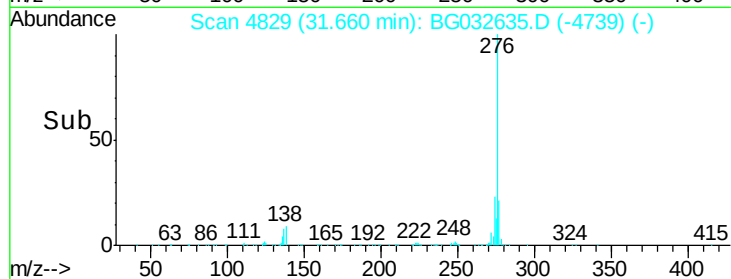
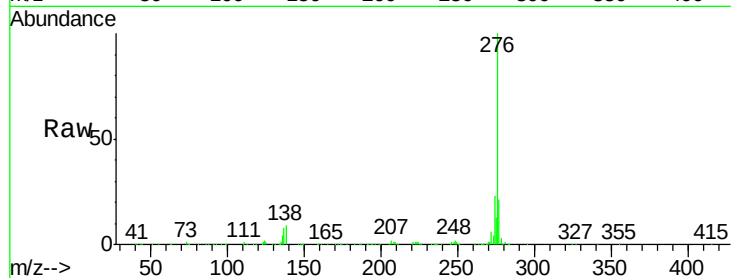
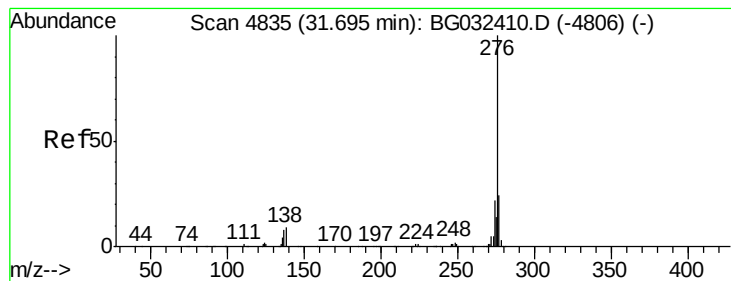


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 49.98 ng

RT: 31.66 min Scan# 4829

Delta R.T. 0.00 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1099567

Ion	Ratio	Lower	Upper
276	100		
277	21.3	18.3	27.5
138	9.2	13.9	20.9

