

Data Path : U:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032572.D
 Acq On : 6 Feb 2018 19:03
 Operator : SJ/JU
 Sample : J1161-08
 Misc : L00-W-20 ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 07 00:35:28 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	8.71	152	20315	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	82283	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	57427	20.00	ng	0.00
63) Phenanthrene-d10	18.07	188	148499	20.00	ng	0.00
75) Chrysene-d12	22.40	240	199129	20.00	ng	0.00
86) Perylene-d12	26.06	264	225168	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.14	112	131992	130.50	ng	0.00
7) Phenol-d6	7.83	99	163074	120.83	ng	0.00
23) Nitrobenzene-d5	9.91	82	105147	79.82	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	145282	132.91	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	387278	80.15	ng	0.00
78) Terphenyl-d14	20.61	244	812535	87.41	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.80	88	4337	12.745	ng	# 76
3) Pyridine	4.26	79	11661	12.691	ng	# 74
4) n-Nitrosodimethylamine	4.17	42	6741	14.093	ng	# 50
6) Aniline	8.01	93	6854	4.073	ng	# 75
8) 2-Chlorophenol	8.26	128	20747	17.353	ng	82
9) Benzaldehyde	7.81	77	14330	20.557	ng	90
10) Phenol	7.86	94	20569	16.048	ng	78
11) bis(2-Chloroethyl)ether	8.09	93	15528	15.900	ng	# 78
12) 1,3-Dichlorobenzene	8.59	146	24871	15.382	ng	89
13) 1,4-Dichlorobenzene	8.74	146	25330	15.631	ng	98
14) 1,2-Dichlorobenzene	9.07	146	24904	15.688	ng	94
15) Benzyl Alcohol	8.95	79	14740	13.251	ng	97
16) 2,2'-oxybis(1-Chloropropan	9.23	45	13073	14.127	ng	64
17) 2-Methylphenol	9.15	107	16477	15.828	ng	# 88
18) Hexachloroethane	9.82	117	8339	15.327	ng	# 83
19) n-Nitroso-di-n-propylamine	9.51	70	11438	12.782	ng	# 71
20) 3+4-Methylphenols	9.48	107	19001	13.013	ng	89
22) Acetophenone	9.55	105	28010	14.522	ng	# 91
24) Nitrobenzene	9.95	77	20747	16.287	ng	# 87
25) Isophorone	10.46	82	35131	15.662	ng	# 85
26) 2-Nitrophenol	10.67	139	11541	14.987	ng	# 80
27) 2,4-Dimethylphenol	10.72	122	18754	16.968	ng	95
28) bis(2-Chloroethoxy)methane	10.95	93	21697	17.639	ng	# 86
29) 2,4-Dichlorophenol	11.22	162	22440	15.326	ng	91
30) 1,2,4-Trichlorobenzene	11.43	180	26394	13.525	ng	98
31) Naphthalene	11.63	128	65468	16.291	ng	# 94
32) Benzoic acid	10.85	122	1771	9.105	ng	# 59
33) 4-Chloroaniline	11.74	127	8019	4.474	ng	# 89
34) Hexachlorobutadiene	11.90	225	17919	11.802	ng	99
35) Caprolactam	12.47	113	5013	11.927	ng	# 33
36) 4-Chloro-3-methylphenol	12.82	107	20957	15.090	ng	97
37) 2-Methylnaphthalene	13.20	142	52561	15.568	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	43218	16.086	ng	# 97
40) Hexachlorocyclopentadiene	13.53	237	26909	16.030	ng	92

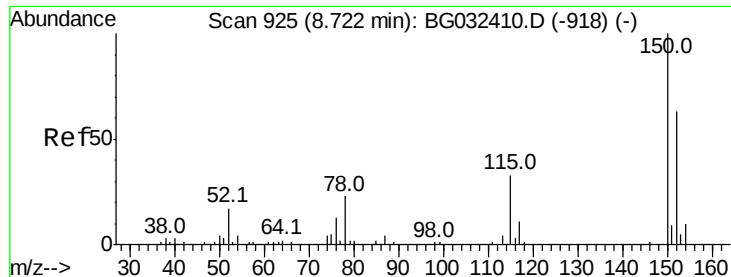
Data Path : U:\HPCHEM1\BNA G\DATA\BG020618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	21319	14.589	nq	89
43) 2,4,5-Trichlorophenol	13.87	196	21731	12.756	nq #	88
45) 1,1'-Biphenyl	14.18	154	73481	15.145	nq	96
46) 2-Chloronaphthalene	14.23	162	57895	15.225	nq	96
47) 2-Nitroaniline	14.43	65	12171	14.473	nq #	72
48) Acenaphthylene	15.07	152	88125	15.329	nq	97
49) Dimethylphthalate	14.77	163	81771	15.443	nq #	96
50) 2,6-Dinitrotoluene	14.90	165	17470	15.719	nq #	74
51) Acenaphthene	15.40	154	61231	15.358	nq	96
52) 3-Nitroaniline	15.24	138	8300	8.550	nq #	73
53) 2,4-Dinitrophenol	15.44	184	5156	11.155	nq #	84
54) Dibenzofuran	15.73	168	97202	16.472	nq	97
55) 4-Nitrophenol	15.54	139	9437	12.985	nq #	75
56) 2,4-Dinitrotoluene	15.68	165	25416	16.062	nq #	68
57) Fluorene	16.38	166	77802	15.866	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.95	232	26200	15.594	nq #	88
59) Diethylphthalate	16.11	149	81314	15.767	nq	96
60) 4-Chlorophenyl-phenylether	16.35	204	48703	15.751	nq	95
61) 4-Nitroaniline	16.39	138	14741	14.168	nq	91
62) Azobenzene	16.65	77	47253	15.332	nq #	79
64) 4,6-Dinitro-2-methylphenol	16.44	198	13781	12.422	nq #	68
65) n-Nitrosodiphenylamine	16.57	169	71444	16.121	nq	97
66) 4-Bromophenyl-phenylether	17.25	248	36572	16.624	nq	94
67) Hexachlorobenzene	17.37	284	39810	16.352	nq #	90
68) Atrazine	17.49	200	32927	17.308	nq	98
69) Pentachlorophenol	17.72	266	16884	11.070	nq	97
70) Phenanthrene	18.11	178	136448	16.477	nq	99
71) Anthracene	18.20	178	138399	16.784	nq	96
72) Carbazole	18.47	167	121413	16.665	nq	97
73) Di-n-butylphthalate	18.97	149	135440	16.791	nq	99
74) Fluoranthene	20.08	202	186366	17.160	nq	95
76) Benzidine	20.25	184	15157	3.876	nq #	92
77) Pyrene	20.44	202	178129	14.585	nq	98
79) Butylbenzylphthalate	21.29	149	60523	15.711	nq #	71
80) Benzo(a)anthracene	22.37	228	200899	16.274	nq	97
81) 3,3'-Dichlorobenzidine	22.27	252	36504	7.632	nq #	97
82) Chrysene	22.45	228	183608	15.401	nq	98
83) Bis(2-ethylhexyl)phthalate	22.22	149	87713	16.058	nq #	98
84) Di-n-octyl phthalate	23.58	149	150276	17.345	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.29	276	263011	17.439	nq #	81
87) Benzo(b)fluoranthene	24.88	252	215913	15.870	nq #	96
88) Benzo(k)fluoranthene	24.96	252	207789	15.417	nq #	97
89) Benzo(a)pyrene	25.89	252	217293	16.753	nq #	94
90) Dibenzo(a,h)anthracene	30.37	278	228679	17.235	nq #	93
91) Benzo(g,h,i)perylene	31.62	276	219230	16.646	nq #	86

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

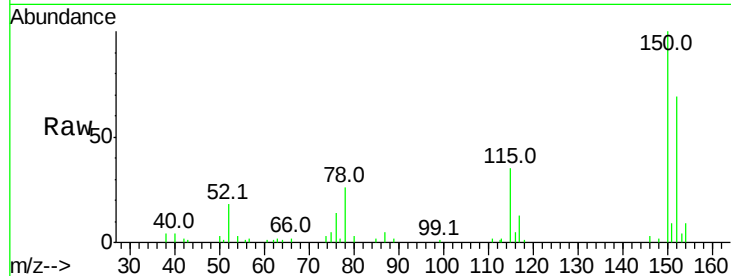


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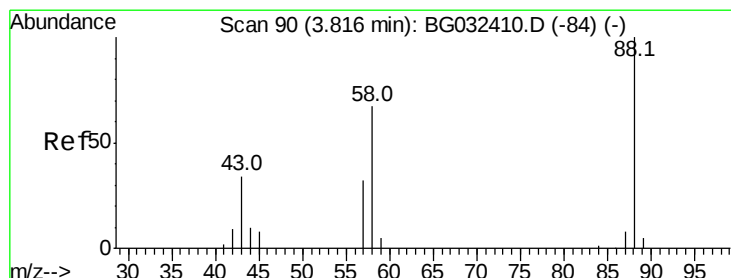
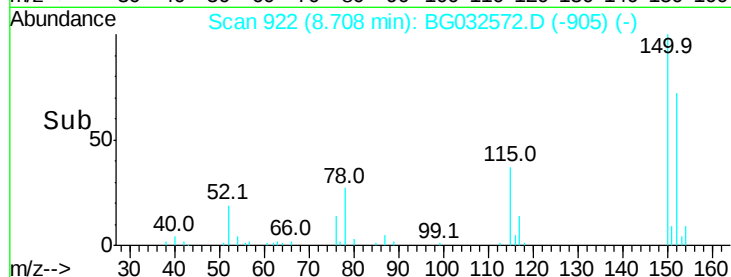
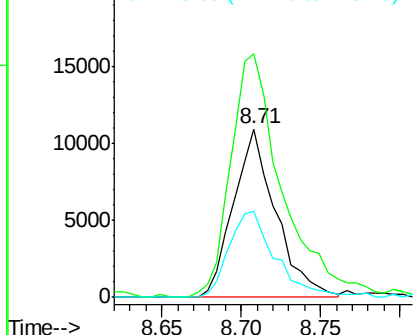
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 20315
Ion Ratio Lower Upper
152 100
150 144.6 126.6 189.8
115 50.9 53.0 79.4#



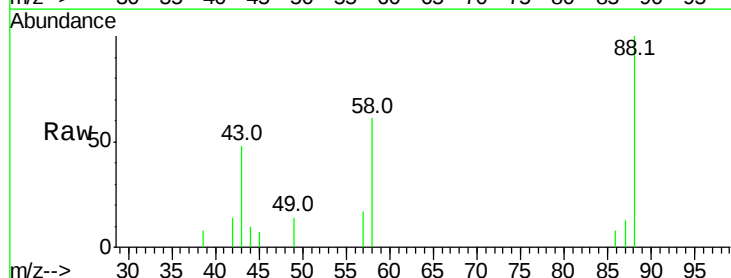
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



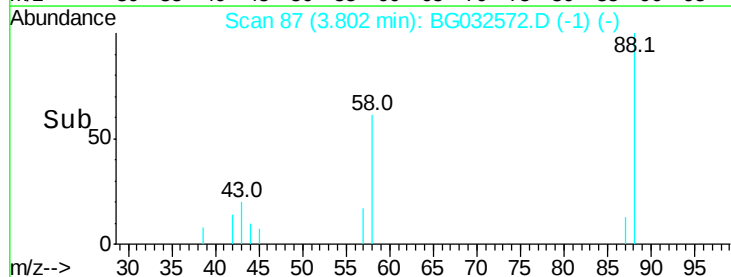
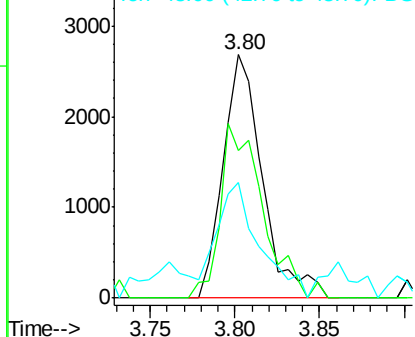
#2

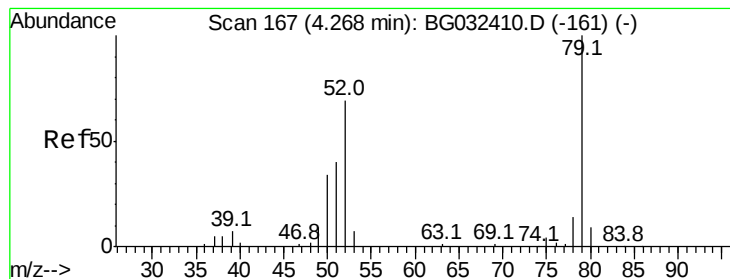
1,4-Dioxane
Concen: 12.745 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Tgt Ion: 88 Resp: 4337
Ion Ratio Lower Upper
88 100
58 77.6 79.6 119.4#
43 51.5 27.4 41.0#



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





#3

Pvridine

Concen: 12.691 ng

RT: 4.26 min Scan# 165

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

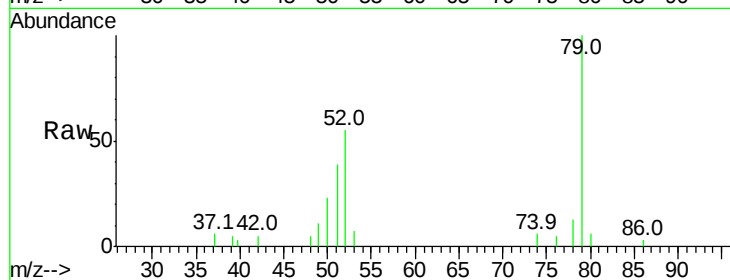
Instrument :

BNA_G

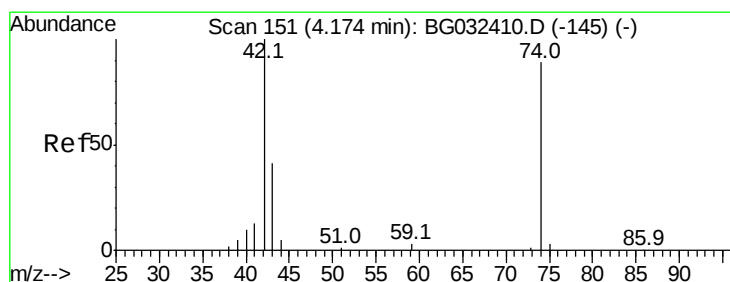
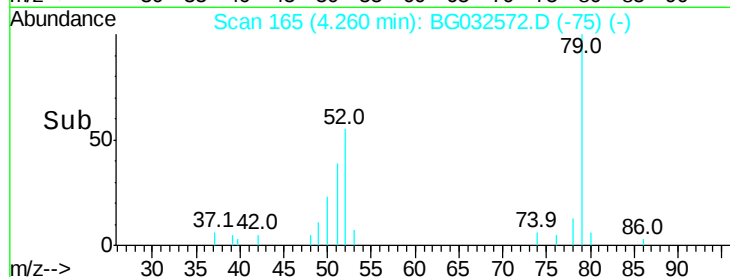
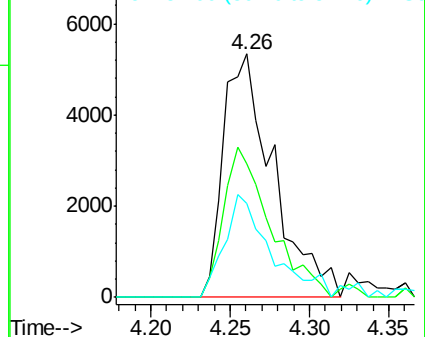
ClientSampleId :

Tot Ion: 79 Resp: 11661

Ion	Ratio	Lower	Upper
79	100		
52	54.9	69.9	104.9#
51	38.7	34.0	51.0



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



#4

n-Nitrosodimethylamine

Concen: 14.093 ng

RT: 4.17 min Scan# 149

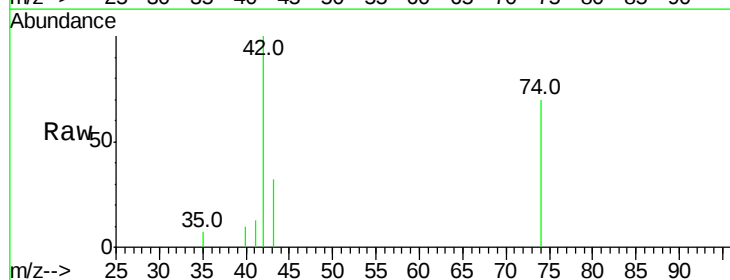
Delta R.T. -0.00 min

Lab File: BG032572.D

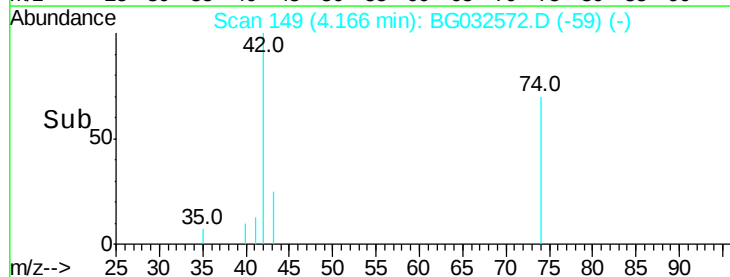
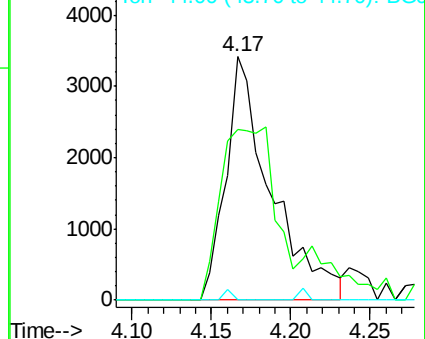
Acq: 6 Feb 2018 19:03

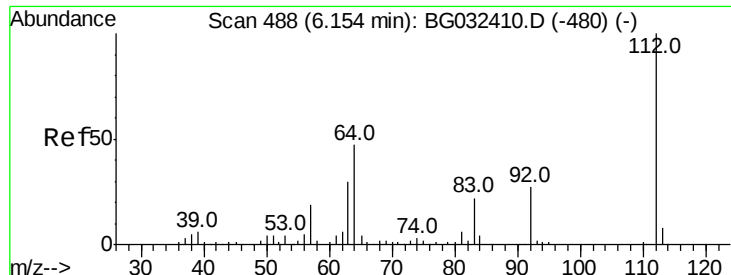
Tgt Ion: 42 Resp: 6741

Ion	Ratio	Lower	Upper
42	100		
74	69.9	102.5	153.7#
44	0.0	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: 130.501 ng

RT: 6.14 min Scan# 485

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampled :

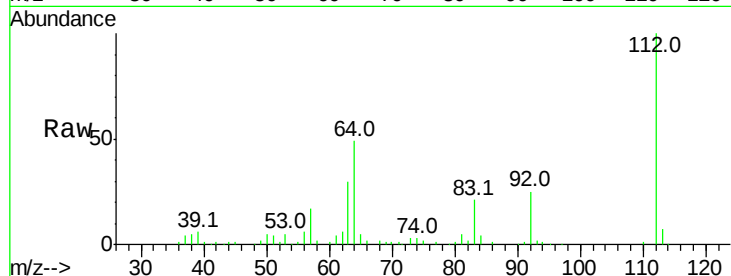
Tot Ion:112 Resp: 131992

Ion Ratio Lower Upper

112 100

64 49.2 56.3 84.5#

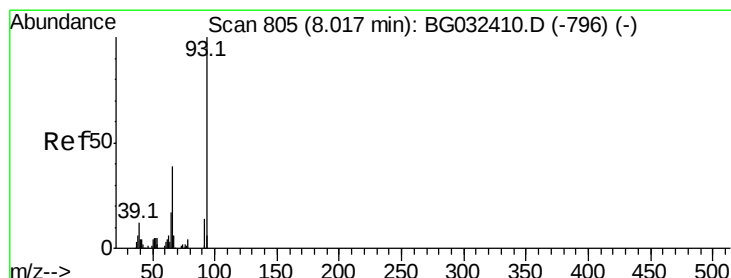
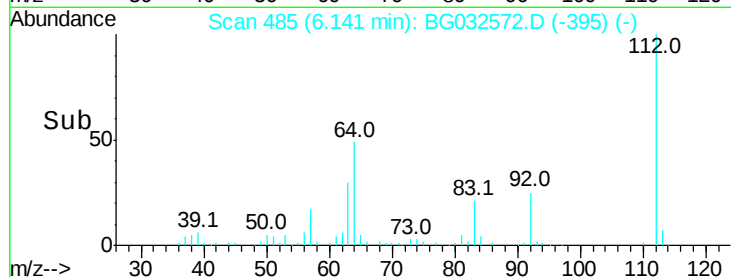
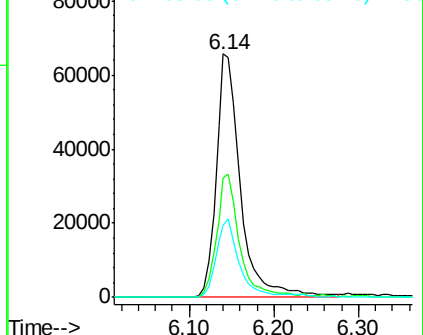
63 29.7 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 4.073 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

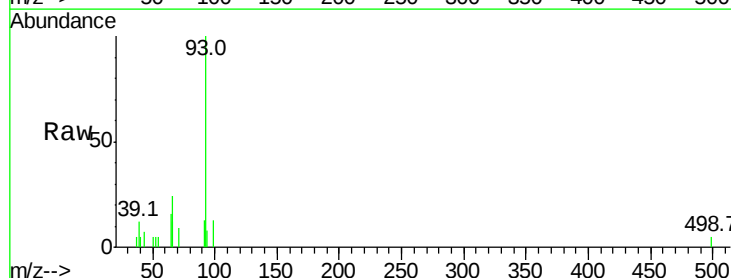
Tgt Ion: 93 Resp: 6854

Ion Ratio Lower Upper

93 100

66 23.8 33.7 50.5#

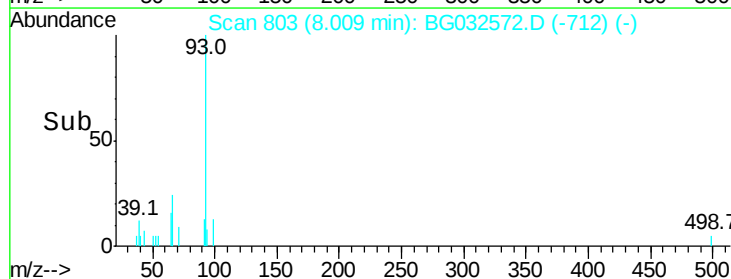
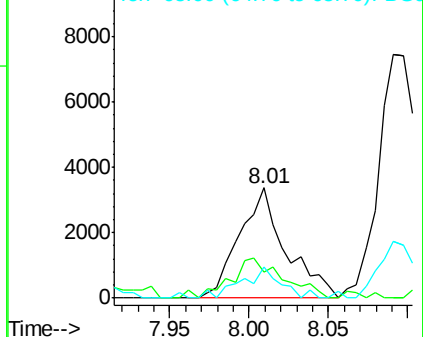
65 27.8 16.1 24.1#

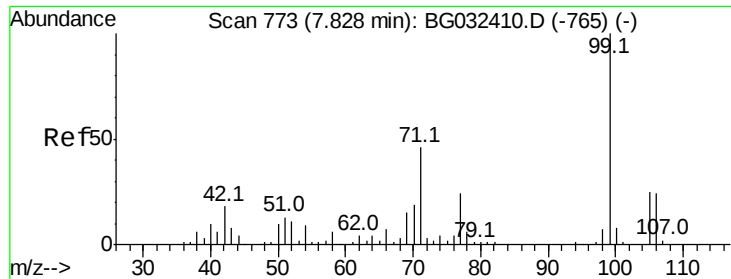


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.826 ng

RT: 7.83 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

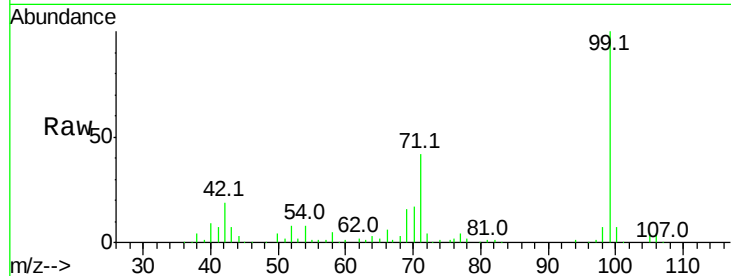
Tot Ion: 99 Resp: 163074

Ion Ratio Lower Upper

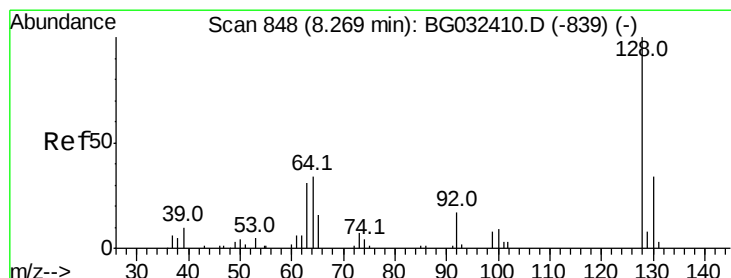
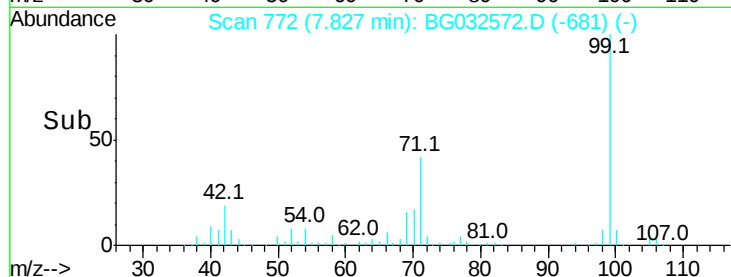
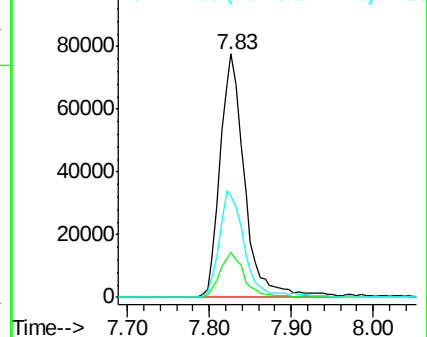
99 100

42 18.8 14.1 21.1

71 41.8 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 17.353 ng

RT: 8.26 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

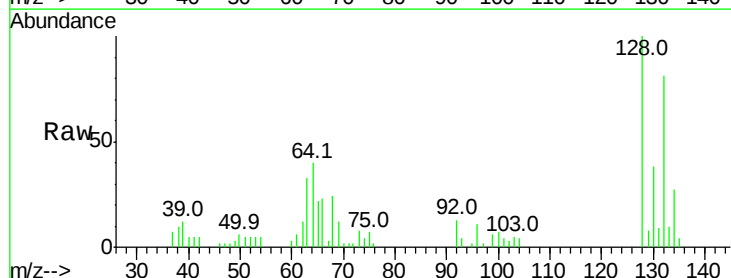
Tgt Ion:128 Resp: 20747

Ion Ratio Lower Upper

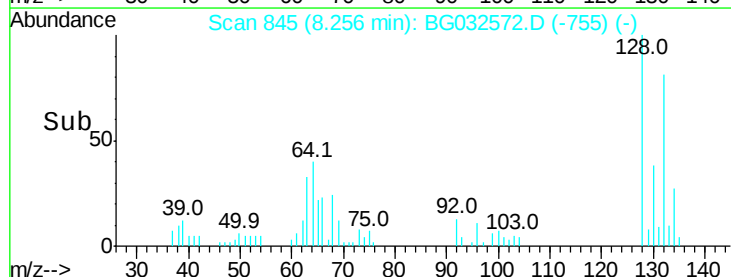
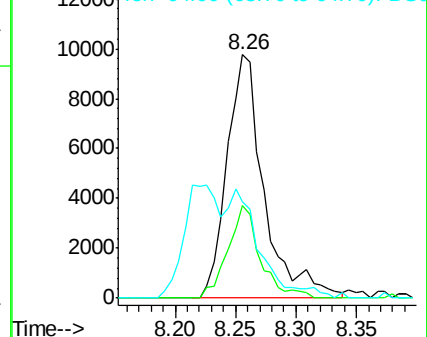
128 100

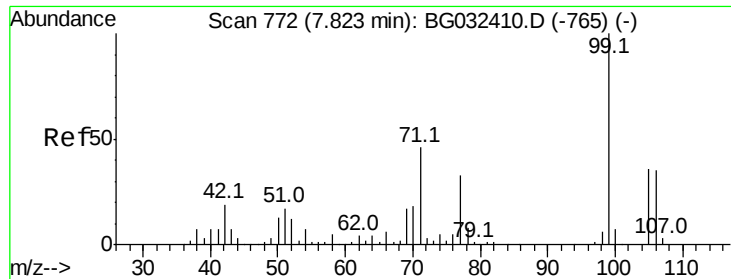
130 38.2 14.0 54.0

64 39.8 37.7 77.7



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





#9

Benzaldehyde

Concen: 20.557 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

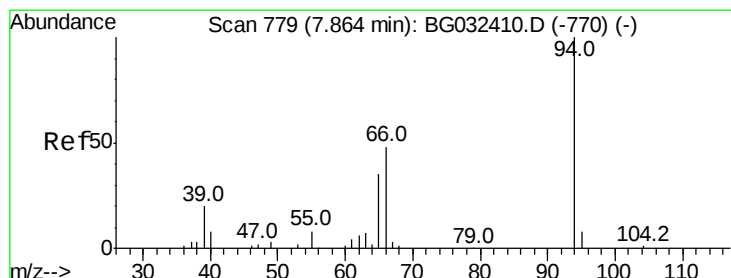
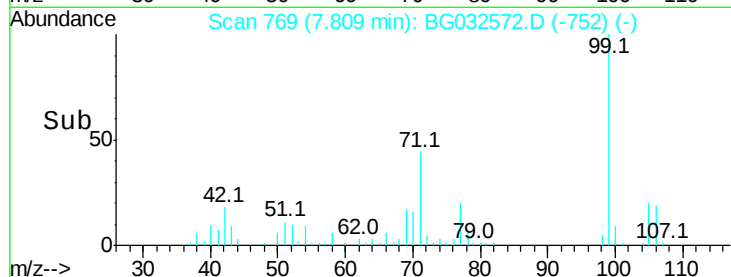
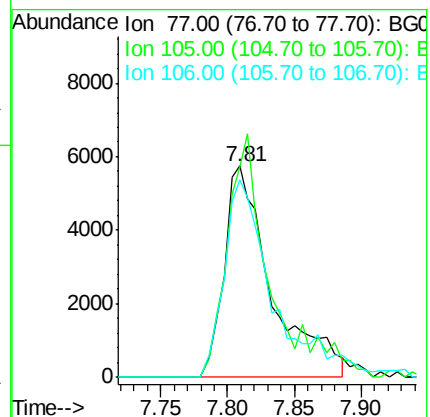
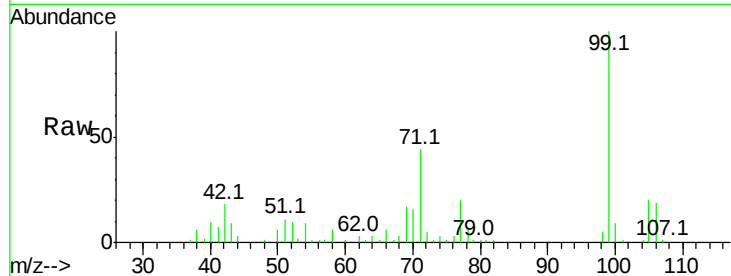
Tot Ion: 77 Resp: 14330

Ion Ratio Lower Upper

77 100

105 99.8 71.3 111.3

106 93.7 64.2 104.2



#10

Phenol

Concen: 16.048 ng

RT: 7.86 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

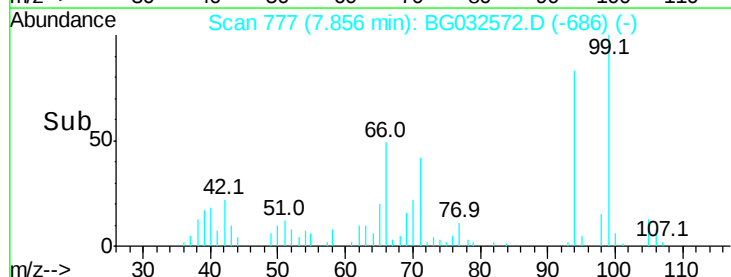
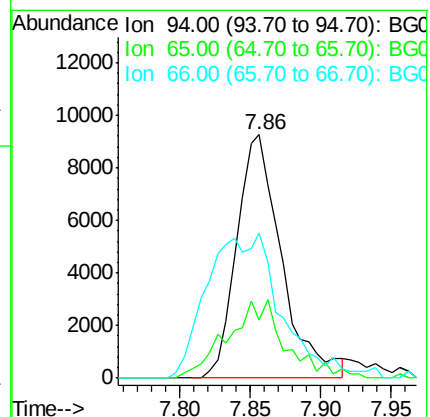
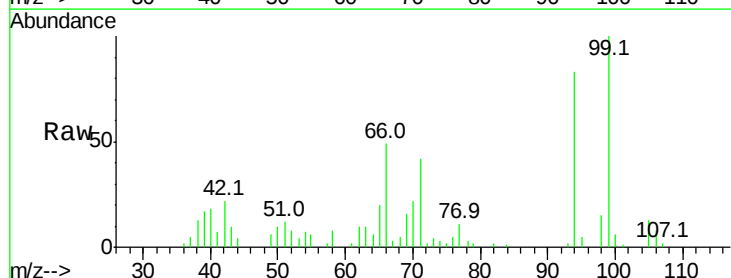
Tgt Ion: 94 Resp: 20569

Ion Ratio Lower Upper

94 100

65 24.0 11.9 51.9

66 59.7 22.2 62.2

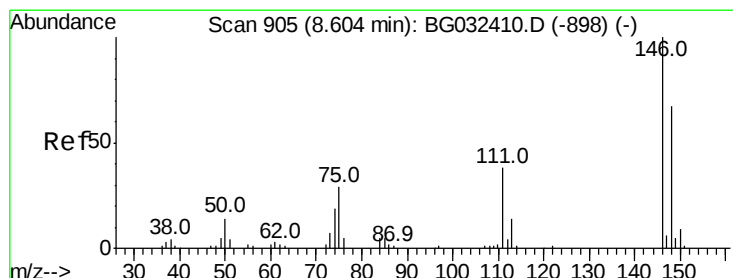
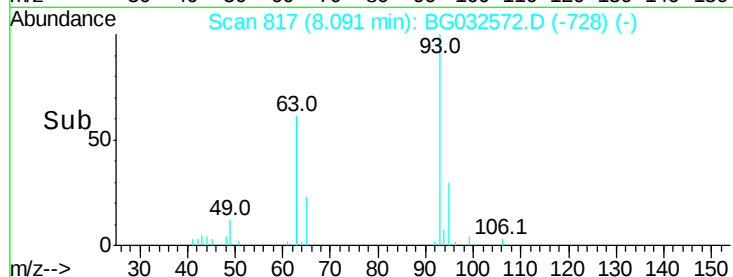
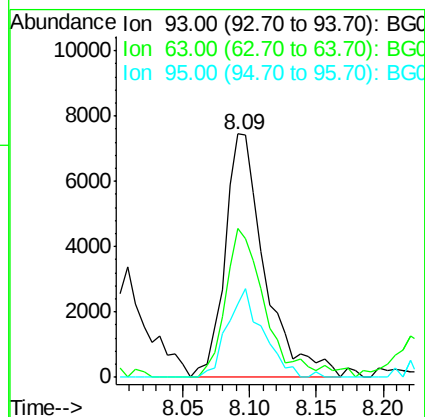
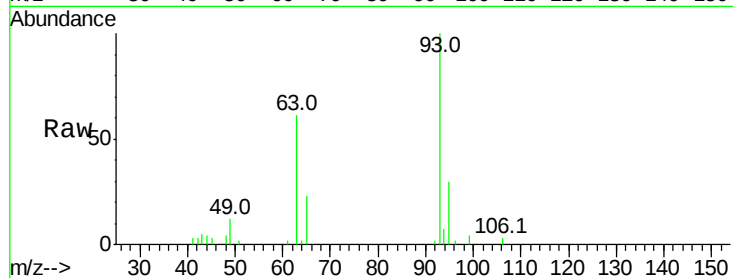




#11
 bis(2-Chloroethyl)ether
 Concen: 15.900 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

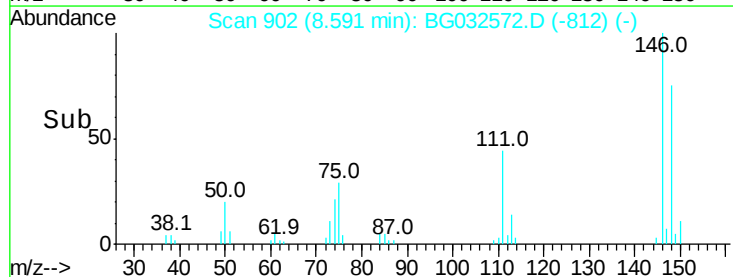
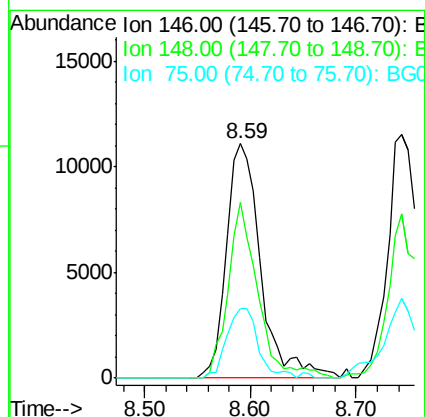
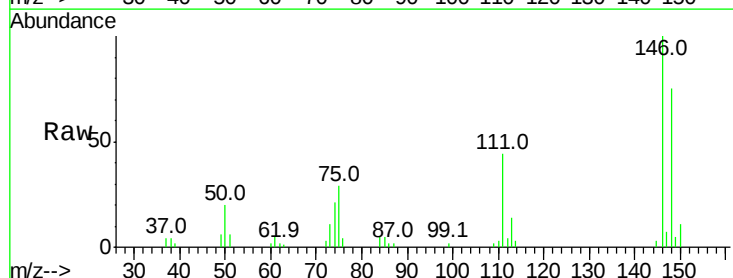
Instrument :
 BNA_G
 ClientSampled :

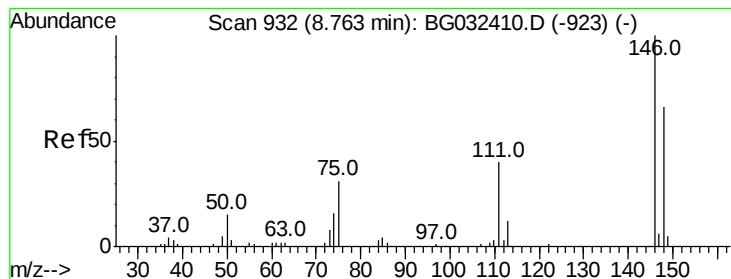
Tot Ion: 93 Resp: 15528
 Ion Ratio Lower Upper
 93 100
 63 60.9 67.1 107.1#
 95 30.0 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 15.382 ng
 RT: 8.59 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Tgt Ion: 146 Resp: 24871
 Ion Ratio Lower Upper
 146 100
 148 75.3 51.4 77.2
 75 29.4 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 15.631 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

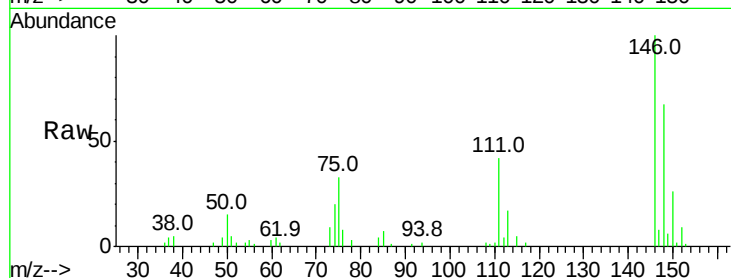
Tot Ion:146 Resp: 25330

Ion Ratio Lower Upper

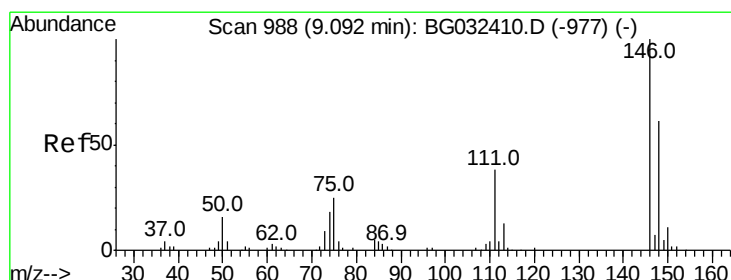
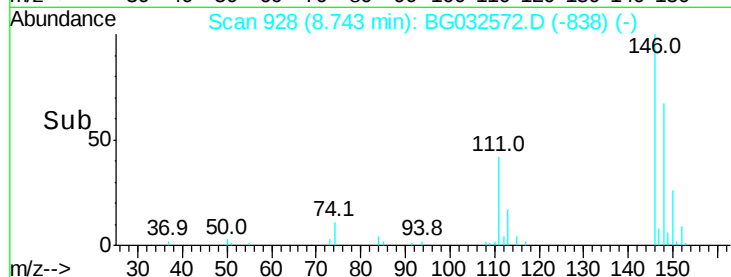
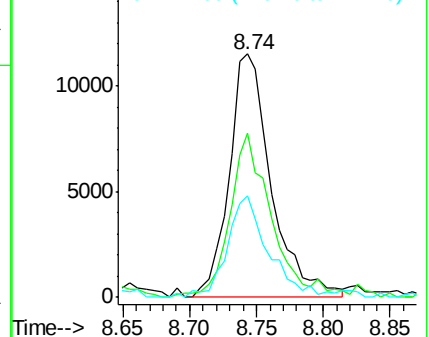
146 100

148 67.4 53.7 80.5

111 41.8 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: 15.688 ng

RT: 9.07 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

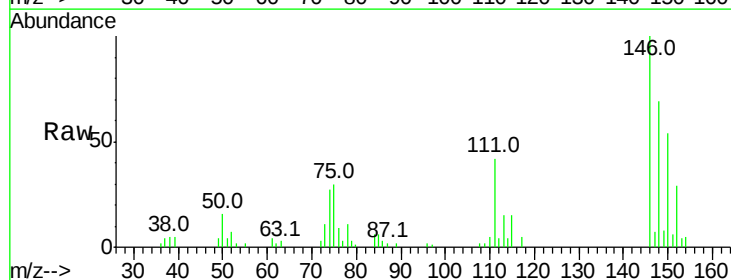
Tgt Ion:146 Resp: 24904

Ion Ratio Lower Upper

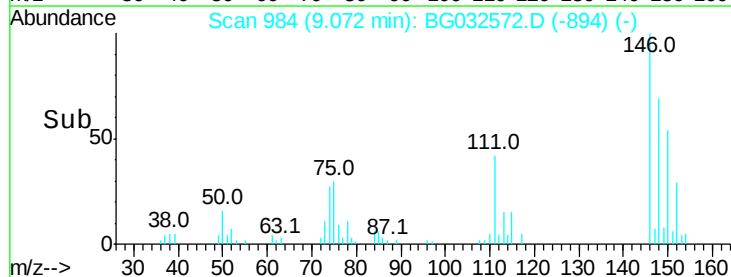
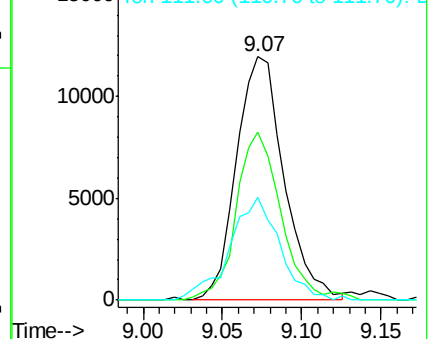
146 100

148 68.9 49.3 73.9

111 42.4 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: 13.251 ng

RT: 8.95 min Scan# 963

Delta R.T. 0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

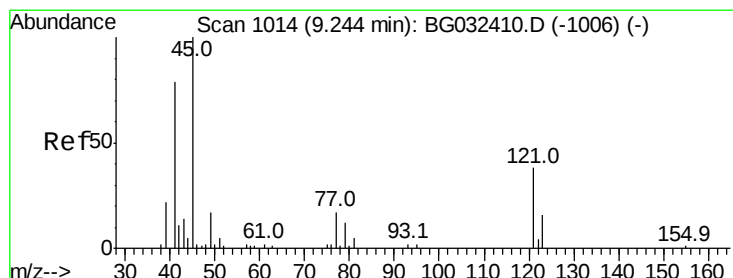
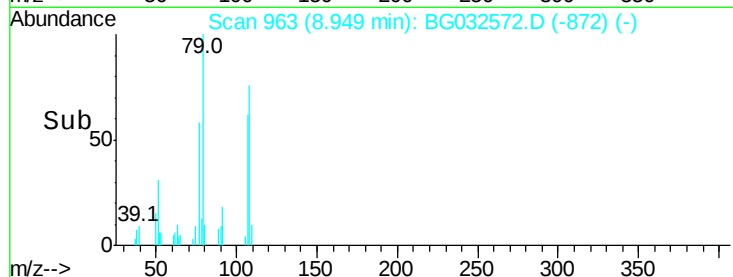
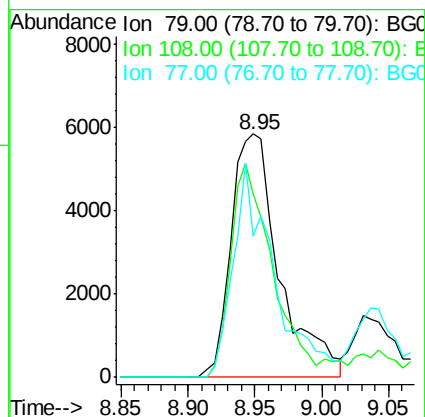
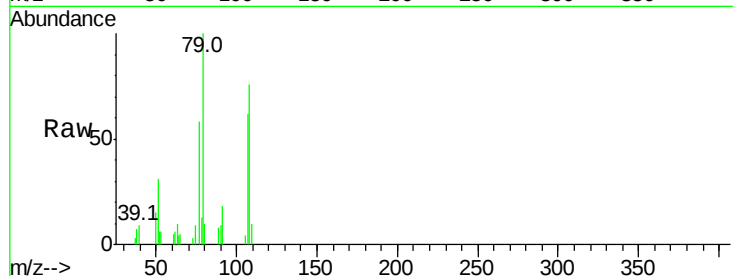
Tot Ion: 79 Resp: 14740

Ion Ratio Lower Upper

79 100

108 75.5 57.2 85.8

77 57.8 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 14.127 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

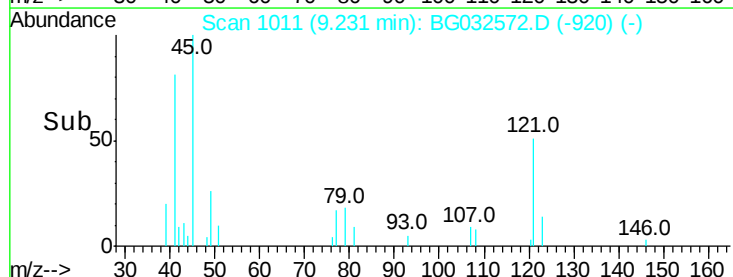
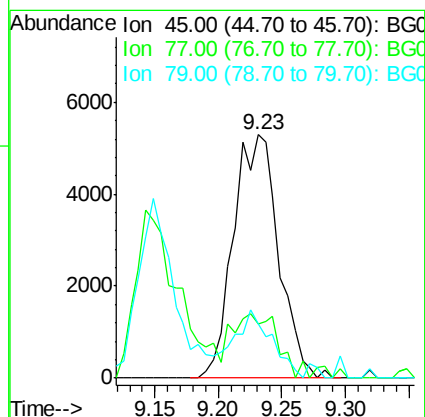
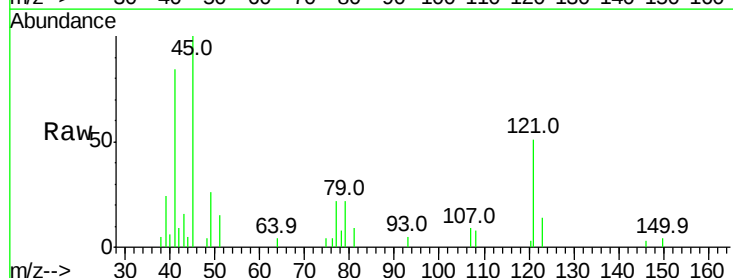
Tgt Ion: 45 Resp: 13073

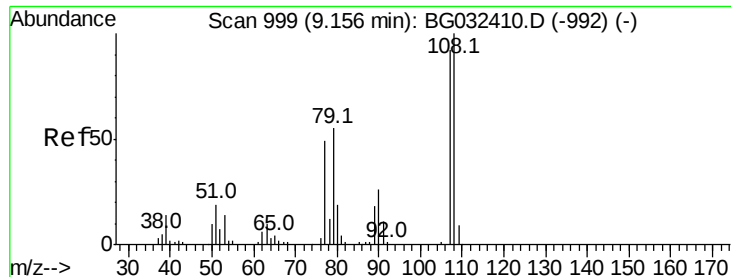
Ion Ratio Lower Upper

45 100

77 22.1 0.0 30.2

79 22.2 0.0 27.9

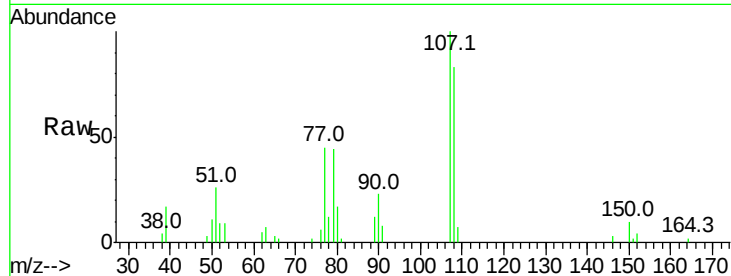




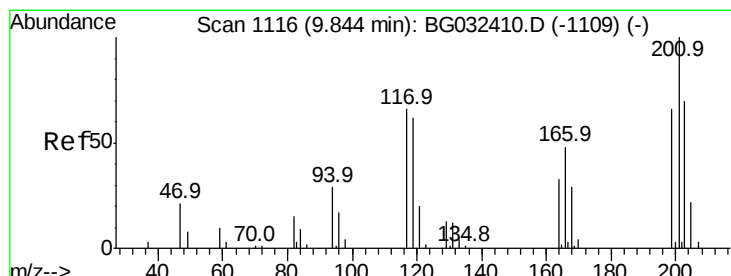
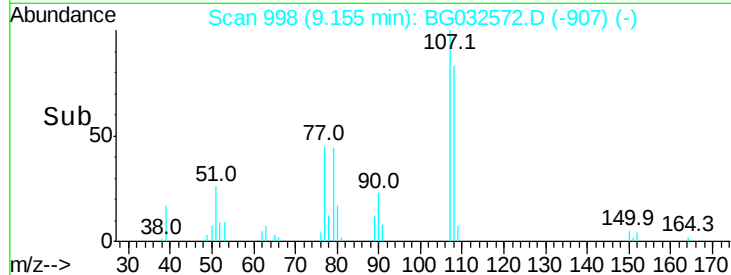
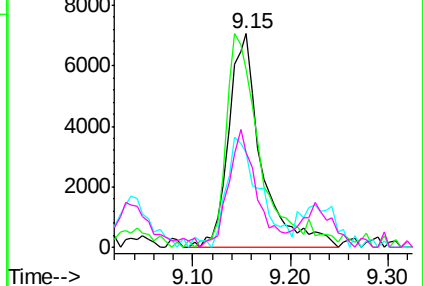
#17
2-Methylphenol
Concen: 15.828 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 16477
Ion Ratio Lower Upper
107 100
108 83.0 83.9 125.9#
77 44.5 37.2 55.8
79 44.5 36.2 54.2

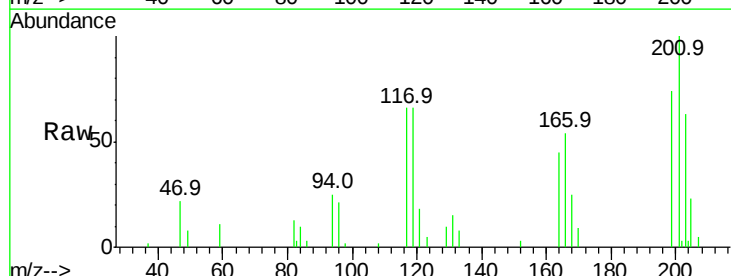


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

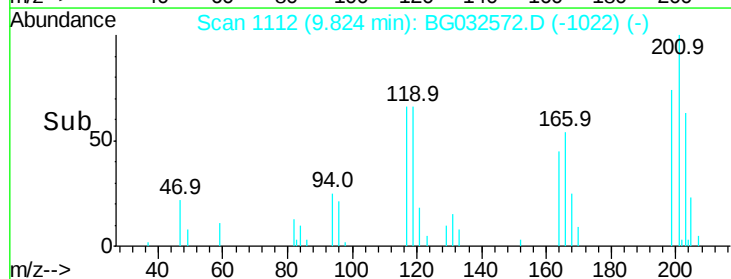
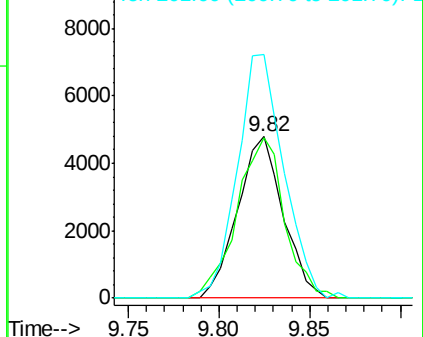


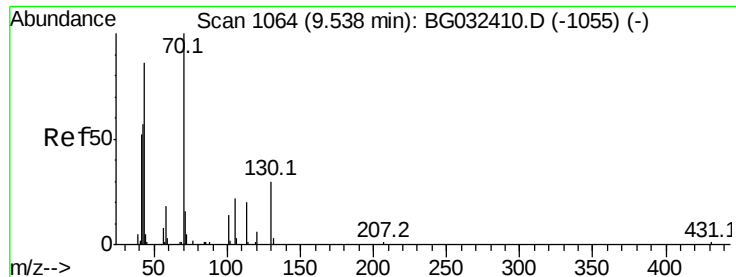
#18
Hexachloroethane
Concen: 15.327 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Tgt Ion:117 Resp: 8339
Ion Ratio Lower Upper
117 100
119 99.1 76.7 115.1
201 151.0 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

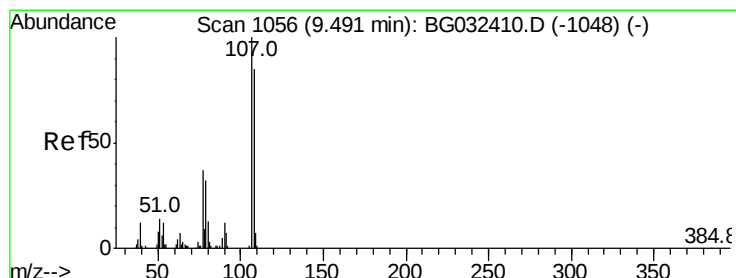
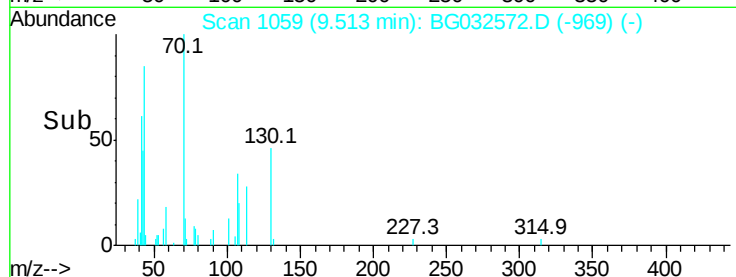
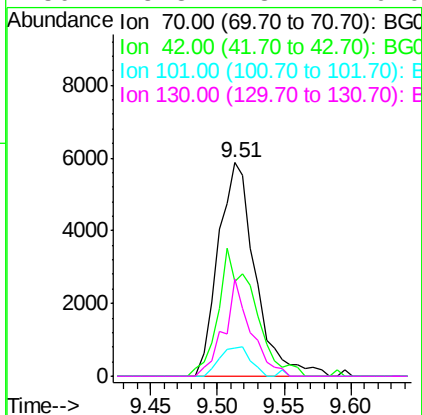
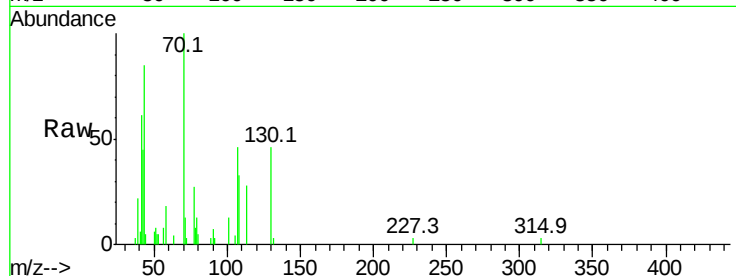




#19
n-Nitroso-di-n-propylamine
Concen: 12.782 ng
RT: 9.51 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

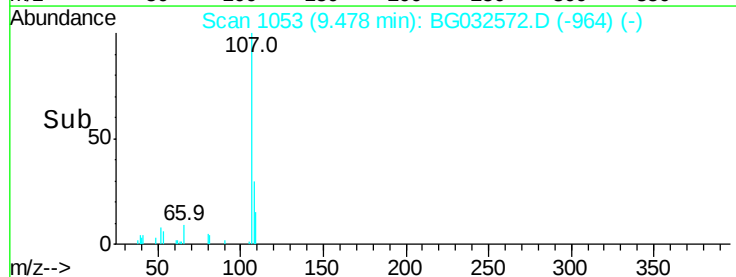
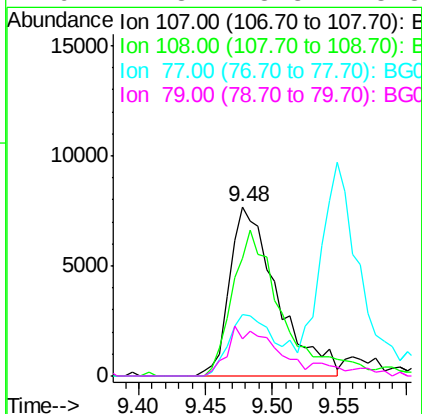
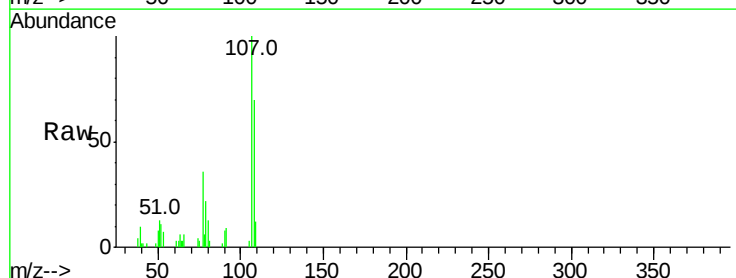
Instrument :
BNA_G
ClientSampleId :

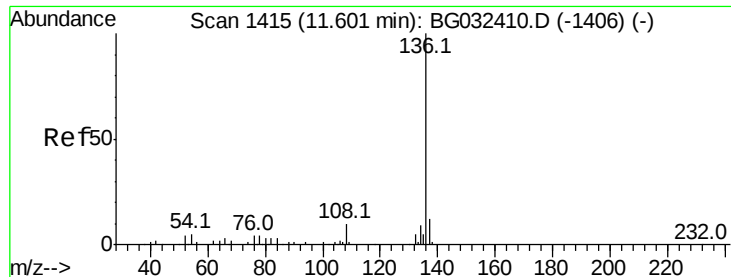
Tot Ion: 70 Resp: 11438
Ion Ratio Lower Upper
70 100
42 44.5 49.1 73.7#
101 12.9 8.5 12.7#
130 45.8 13.4 20.0#



#20
3+4-Methylphenols
Concen: 13.013 ng
RT: 9.48 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Tgt Ion: 107 Resp: 19001
Ion Ratio Lower Upper
107 100
108 69.6 61.6 101.6
77 36.2 13.9 53.9
79 22.3 8.8 48.8

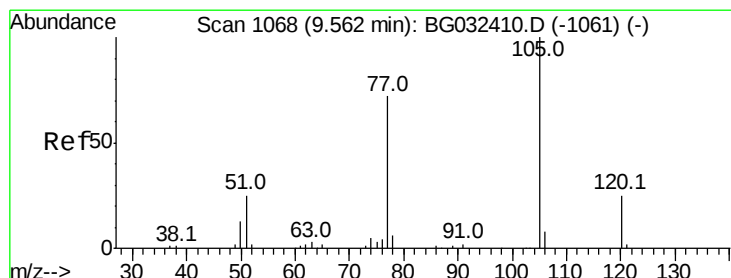
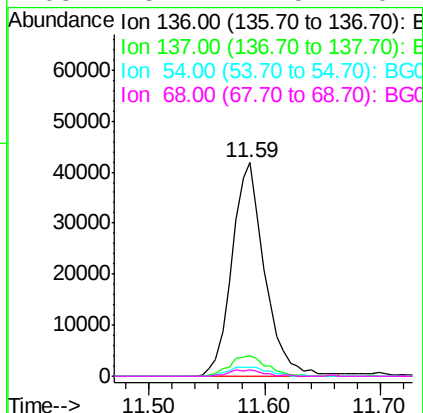
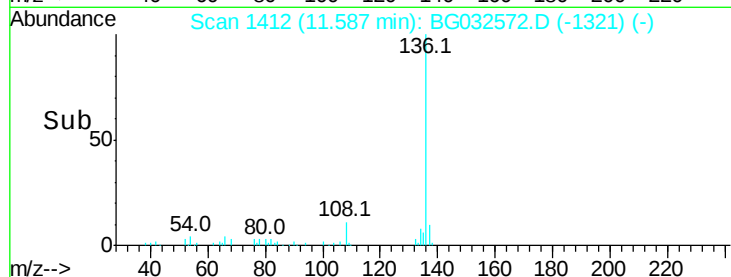
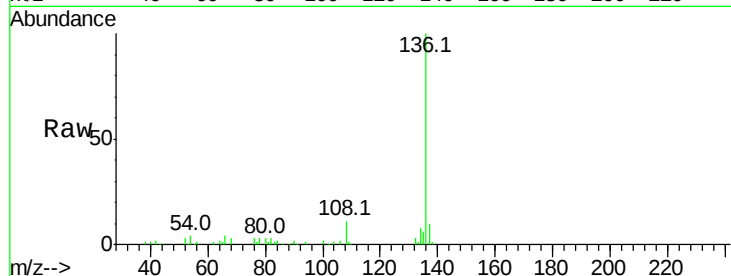




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

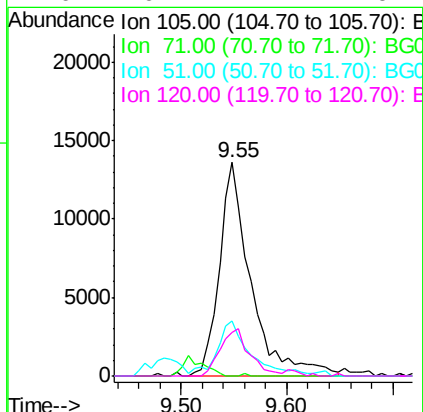
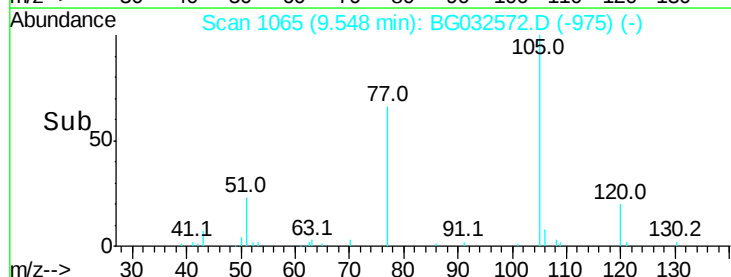
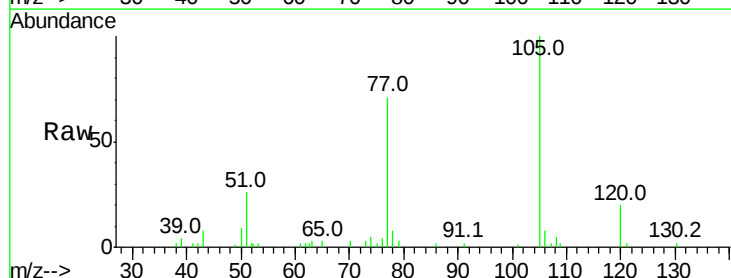
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	82283
Ion Ratio	Lower	Upper
136 100		
137 9.5	9.2	13.8
54 4.3	10.3	15.5#
68 3.2	4.5	6.7#



#22
Acetophenone
Concen: 14.522 ng
RT: 9.55 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Tgt Ion	Ion:105	Resp:	28010
	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	25.6	26.1	39.1#
120	20.4	17.4	26.2

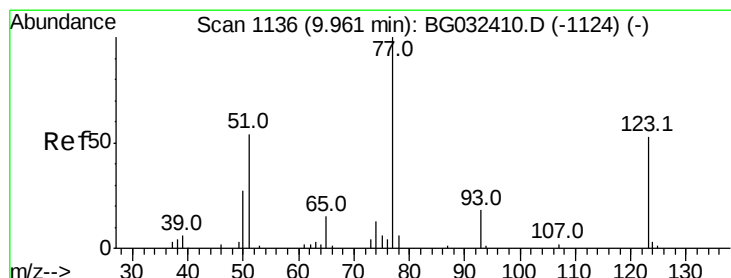
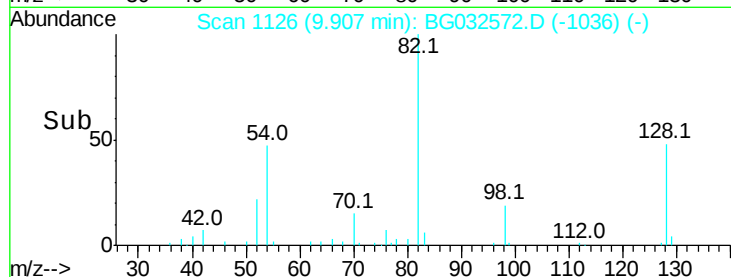
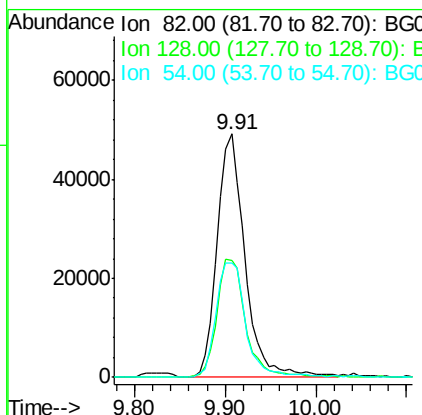
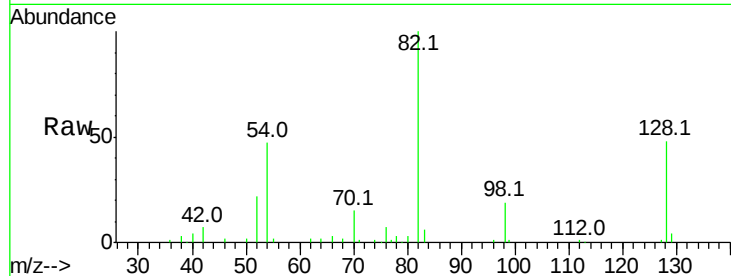




#23
Nitrobenzene-d5
Concen: 79.816 ng
RT: 9.91 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

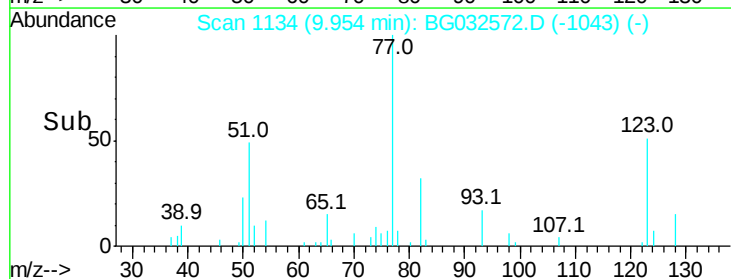
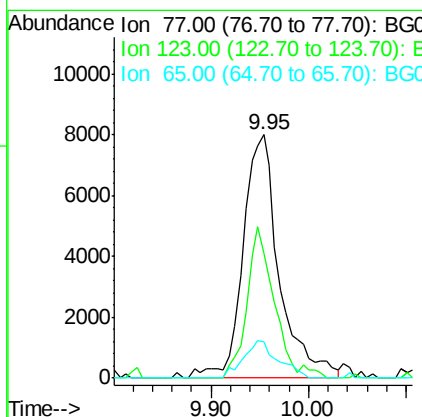
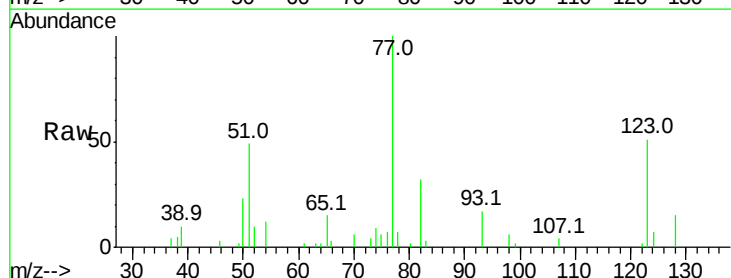
Instrument :
BNA_G
ClientSampleId :

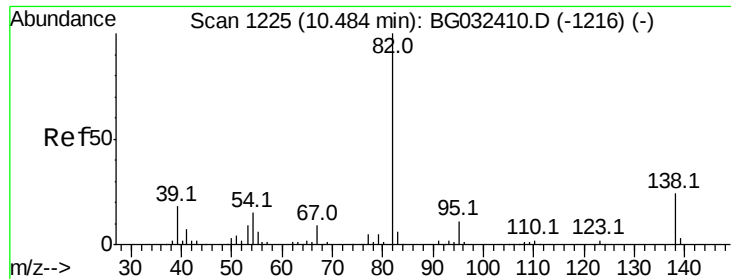
Tot Ion: 82 Resp: 105147
Ion Ratio Lower Upper
82 100
128 48.0 29.7 44.5#
54 47.1 43.1 64.7



#24
Nitrobenzene
Concen: 16.287 ng
RT: 9.95 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Tgt Ion: 77 Resp: 20747
Ion Ratio Lower Upper
77 100
123 51.3 33.0 49.6#
65 14.6 13.0 19.6





#25

Isophorone

Concen: 15.662 ng

RT: 10.46 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

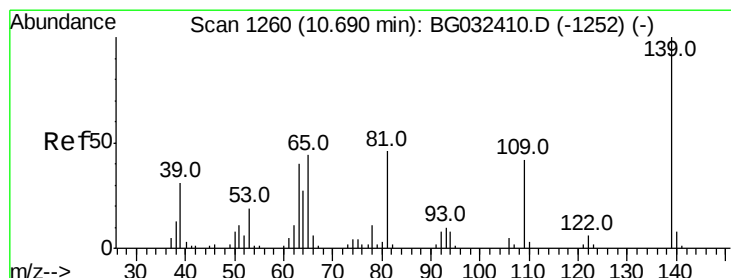
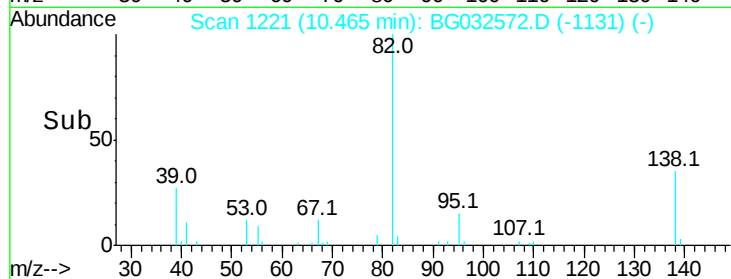
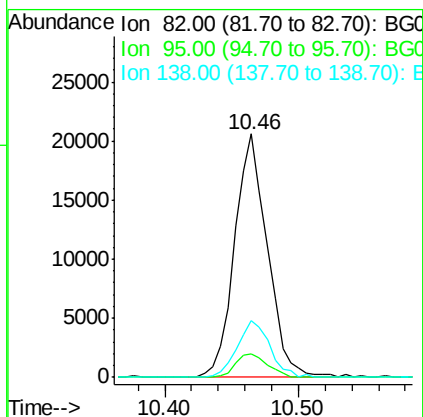
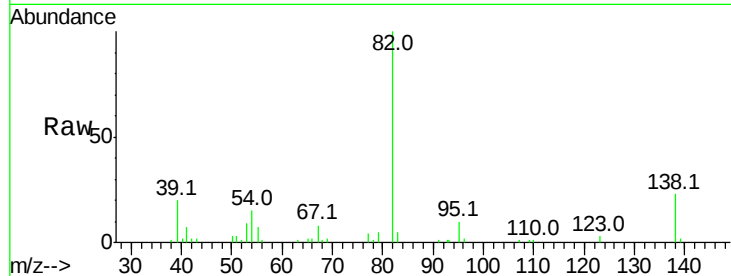
Tot Ion: 82 Resp: 35131

Ion Ratio Lower Upper

82 100

95 9.6 6.2 9.2#

138 23.5 12.1 18.1#



#26

2-Nitrophenol

Concen: 14.987 ng

RT: 10.67 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

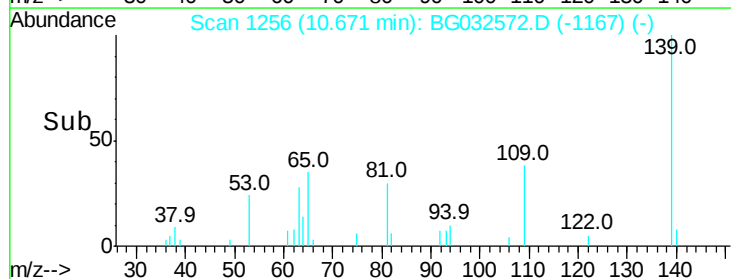
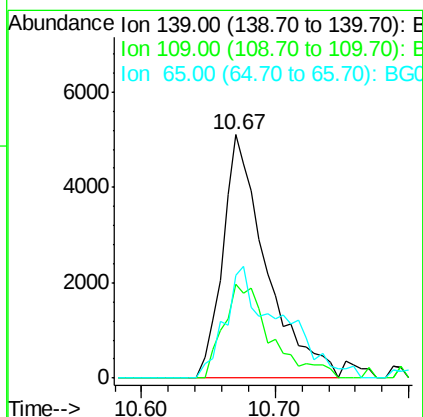
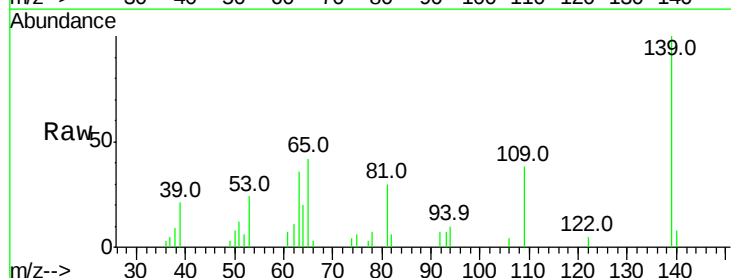
Tgt Ion:139 Resp: 11541

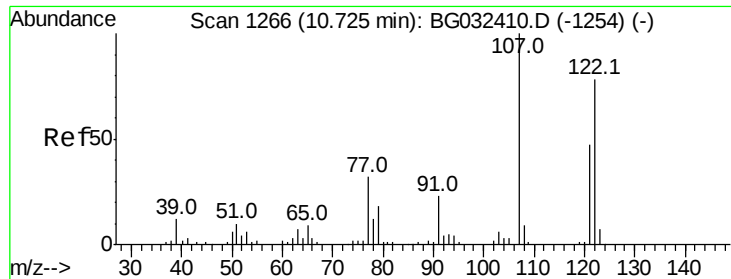
Ion Ratio Lower Upper

139 100

109 38.3 24.2 36.2#

65 42.0 47.4 71.0#

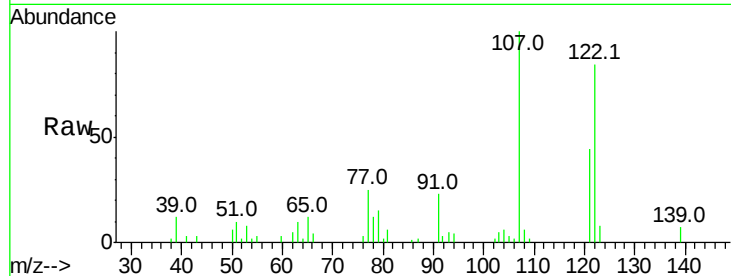




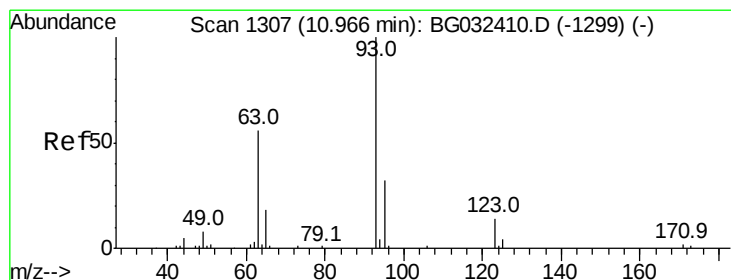
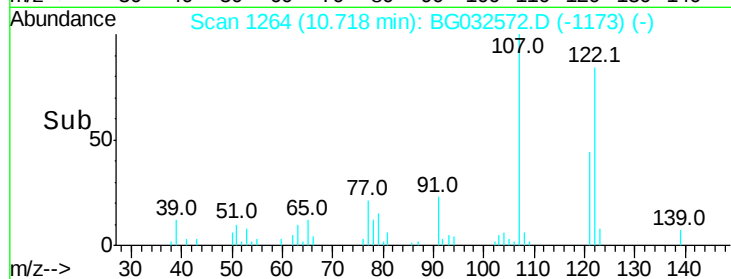
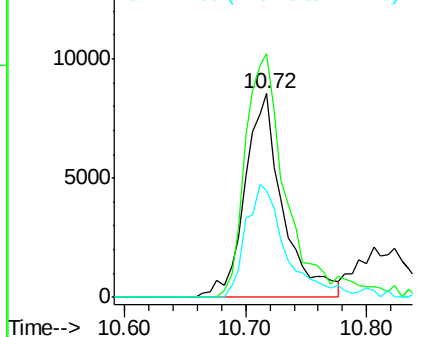
#27
 2,4-Dimethylphenol
 Concen: 16.968 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 18754
 Ion Ratio Lower Upper
 122 100
 107 119.4 100.2 150.2
 121 52.2 44.4 66.6

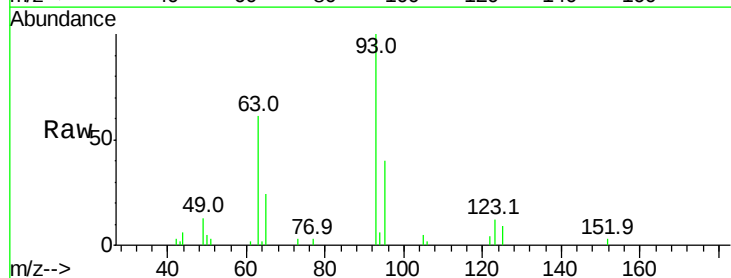


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

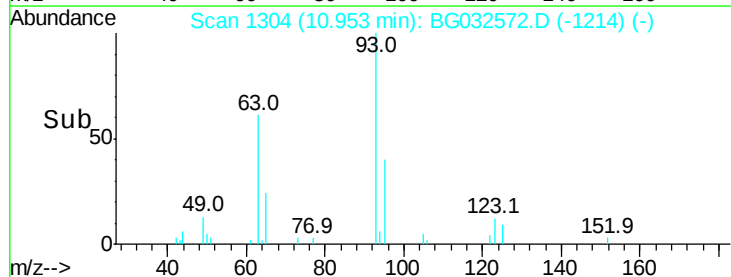
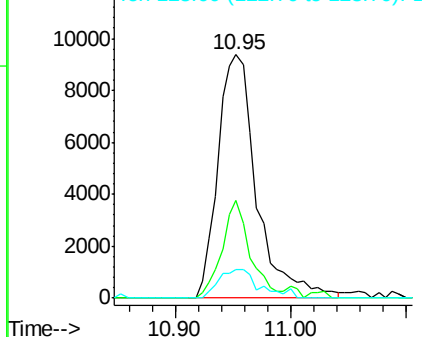


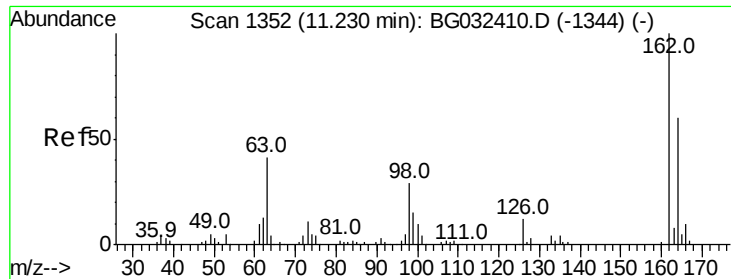
#28
 bis(2-Chloroethoxy)methane
 Concen: 17.639 ng
 RT: 10.95 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Tgt Ion: 93 Resp: 21697
 Ion Ratio Lower Upper
 93 100
 95 40.3 24.3 36.5#
 123 11.6 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

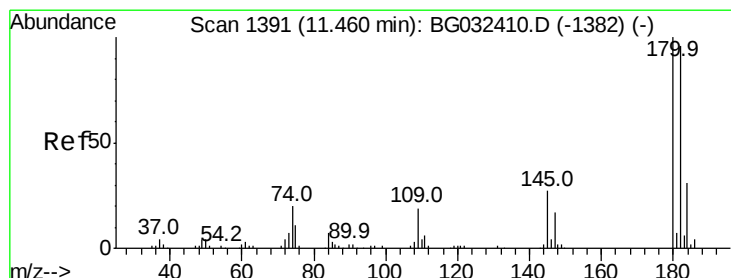
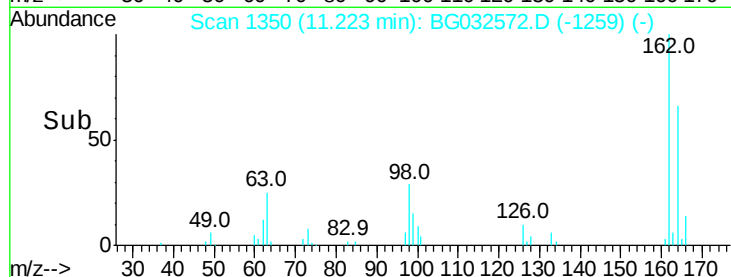
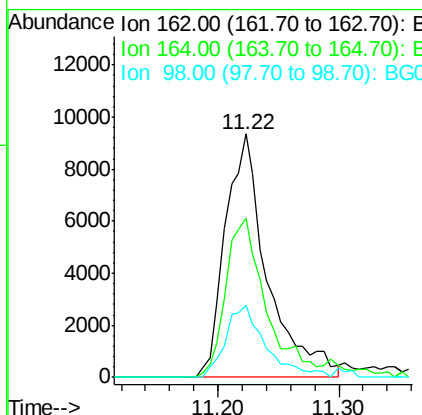
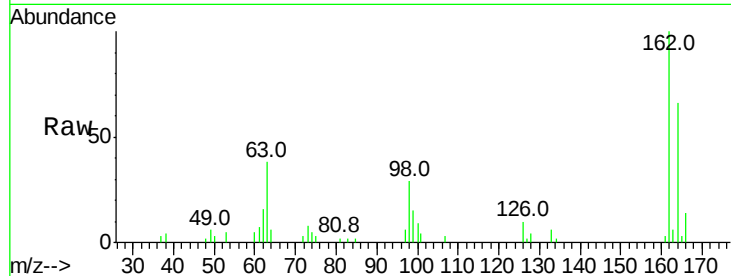




#29
 2,4-Dichlorophenol
 Concen: 15.326 ng
 RT: 11.22 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

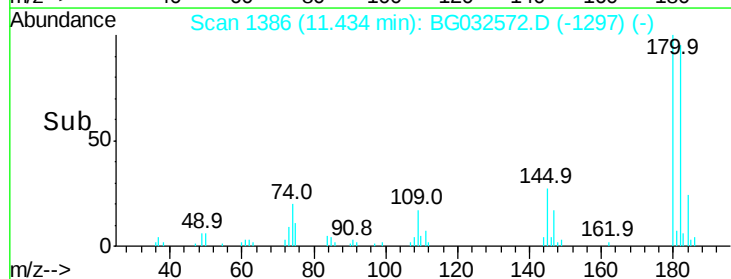
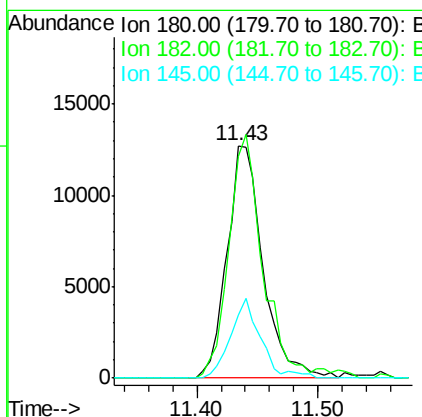
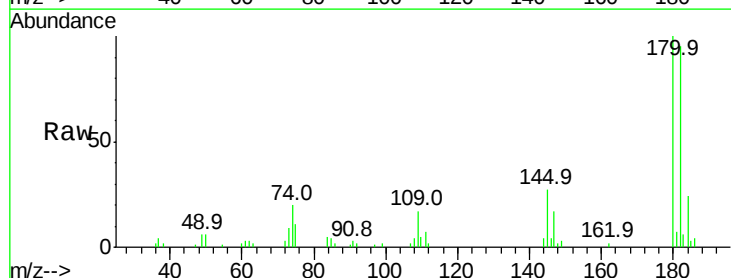
Instrument :
 BNA_G
 ClientSampleId :

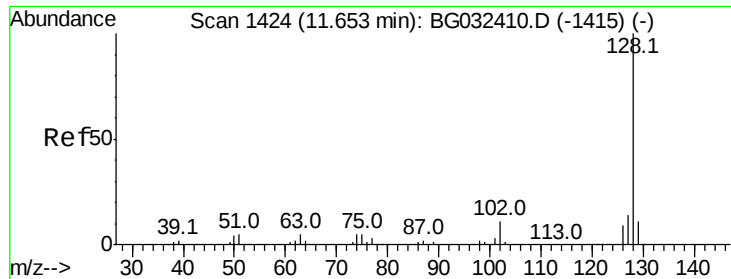
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	48.0	88.0
98	29.4	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 13.525 ng
 RT: 11.43 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.5	116.3
145	27.4	23.4	35.2

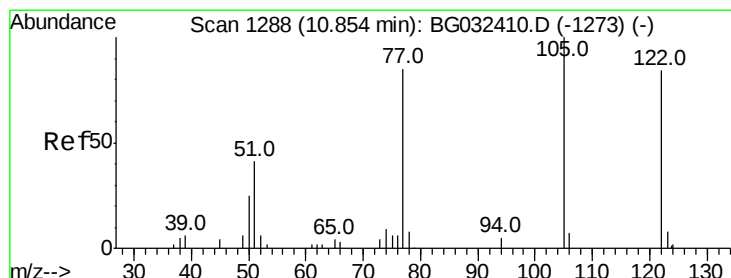
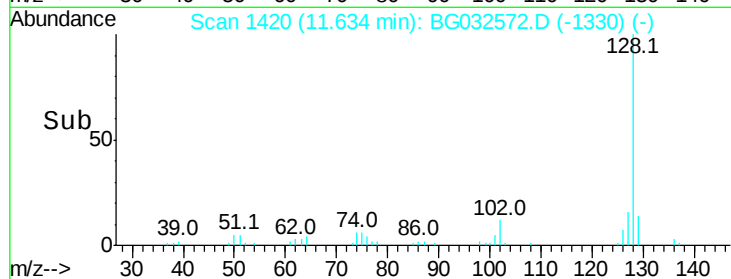
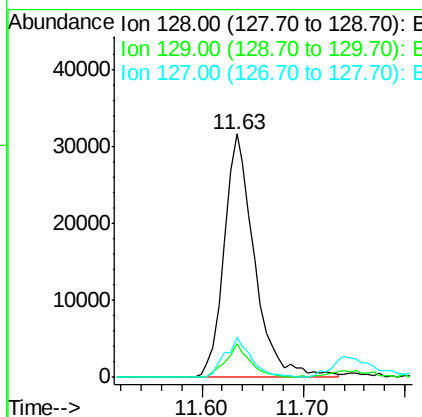
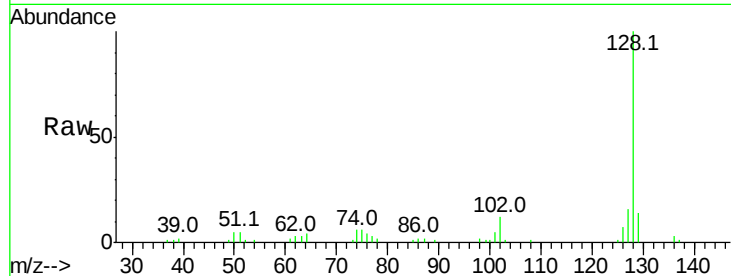




#31
Naphthalene
Concen: 16.291 ng
RT: 11.63 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

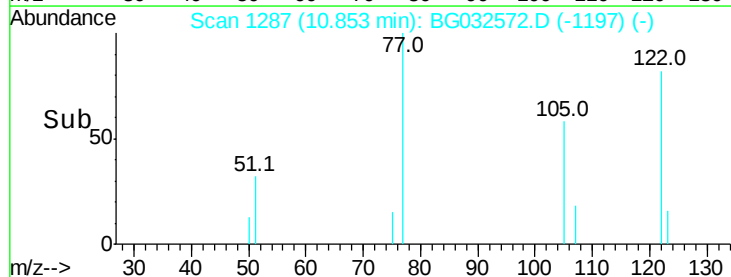
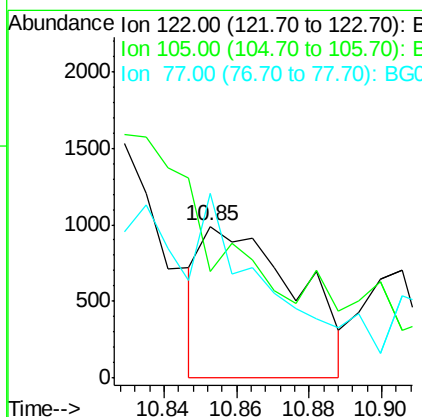
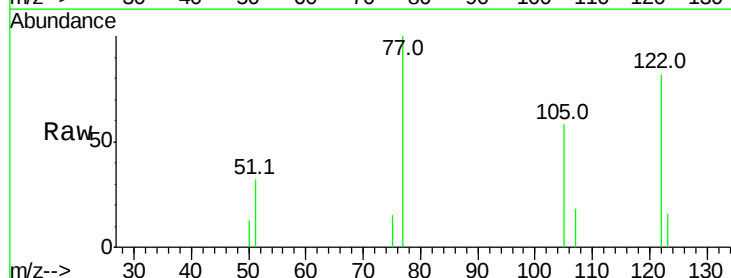
Instrument :
BNA_G
ClientSampleId :

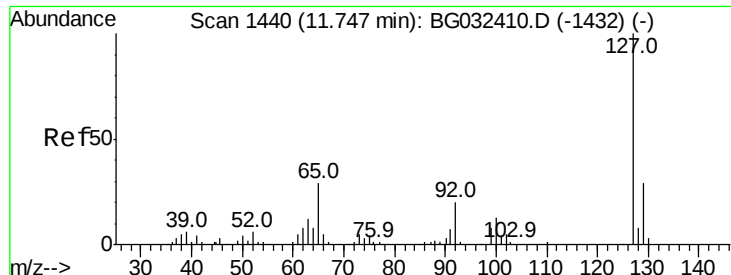
Tot Ion:128 Resp: 65468
Ion Ratio Lower Upper
128 100
129 13.7 8.6 12.8#
127 16.5 11.6 17.4



#32
Benzoic acid
Concen: 9.105 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Tgt Ion:122 Resp: 1771
Ion Ratio Lower Upper
122 100
105 69.9 123.5 163.5#
77 121.6 85.7 125.7

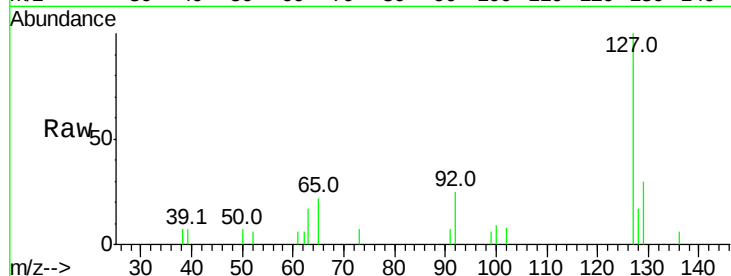




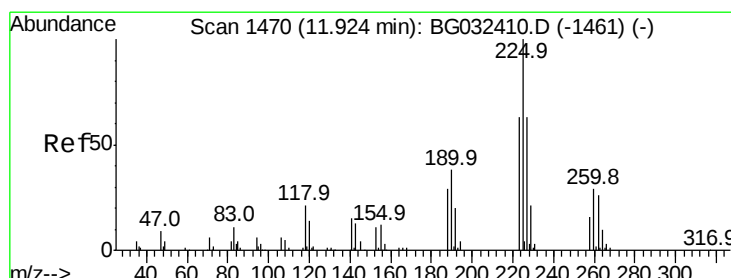
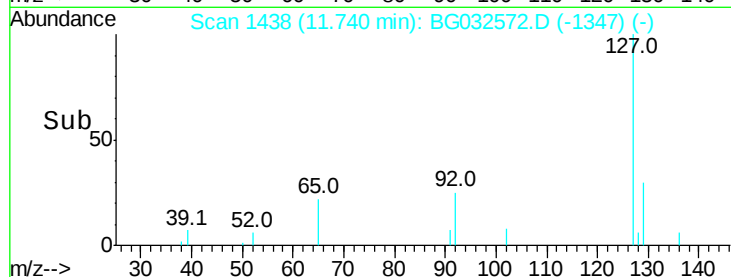
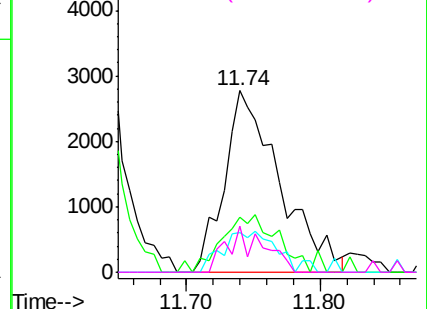
#33
4-Chloroaniline
Concen: 4.474 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	8019
Ion	Ratio	Lower	Upper
127	100		
129	30.1	24.0	36.0
65	21.8	27.0	40.4#
92	25.4	16.6	25.0#

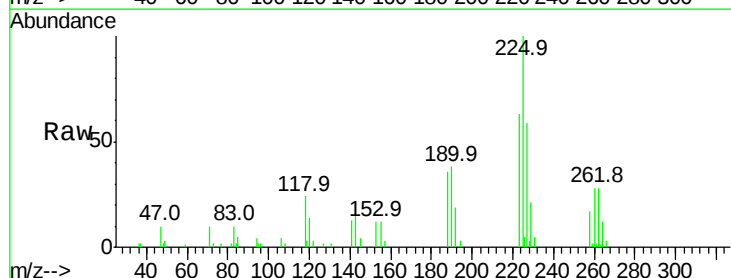


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

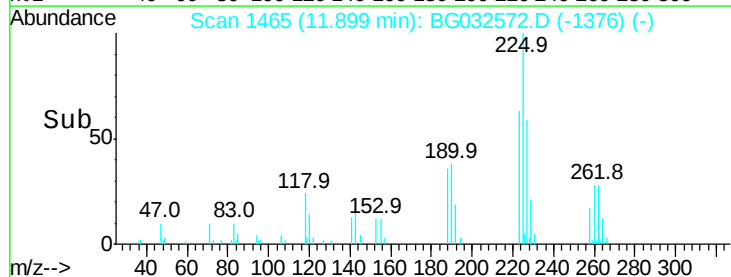
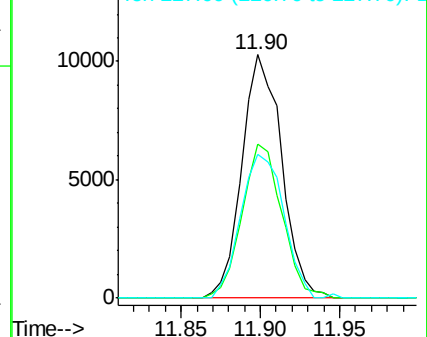


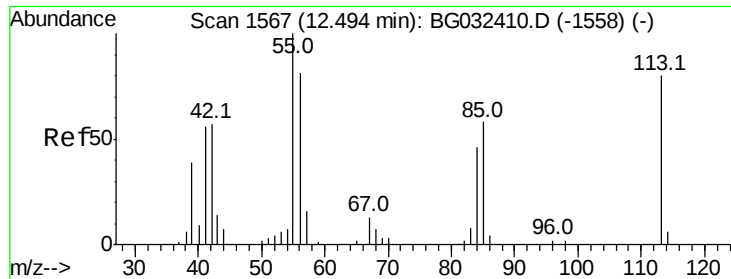
#34
Hexachlorobutadiene
Concen: 11.802 ng
RT: 11.90 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Tgt Ion:	225	Resp:	17919
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	59.2	48.1	72.1



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





#35

Caprolactam

Concen: 11.927 ng

RT: 12.47 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampled :

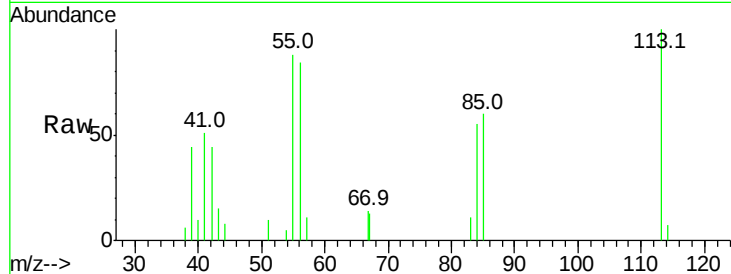
Tot Ion:113 Resp: 5013

Ion Ratio Lower Upper

113 100

55 87.6 186.9 226.9#

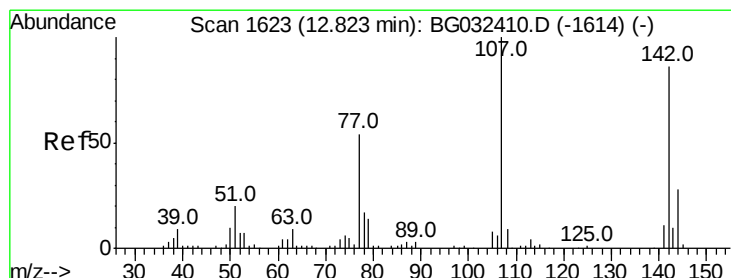
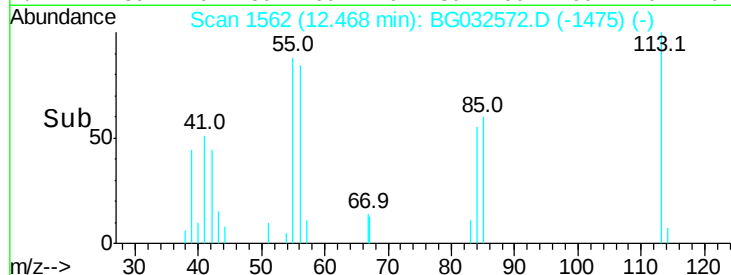
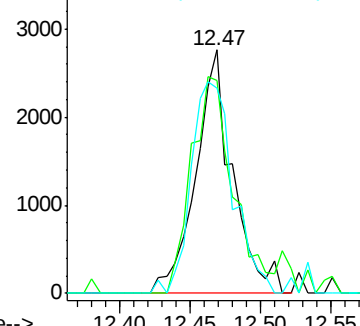
56 84.4 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 15.090 ng

RT: 12.82 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

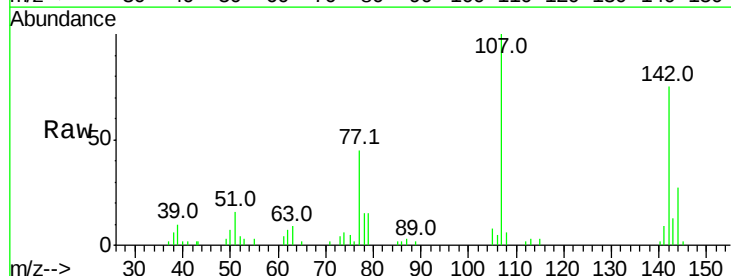
Tgt Ion:107 Resp: 20957

Ion Ratio Lower Upper

107 100

144 26.6 18.2 27.4

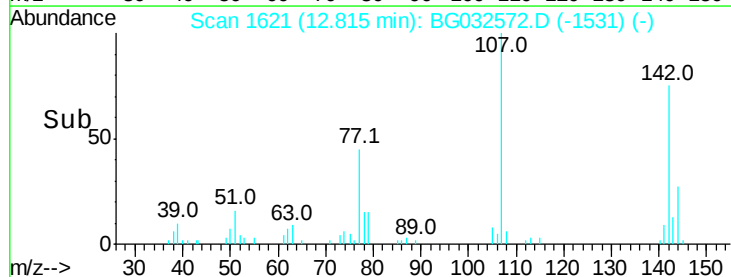
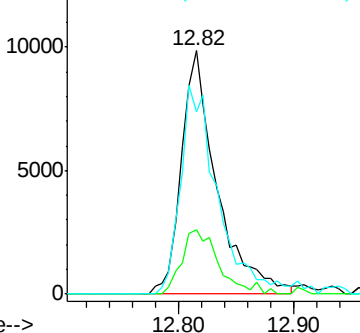
142 74.8 59.0 88.4

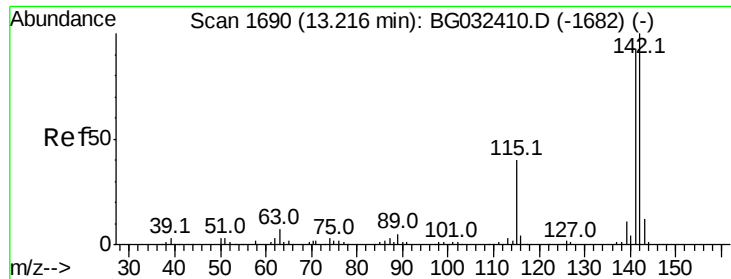


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

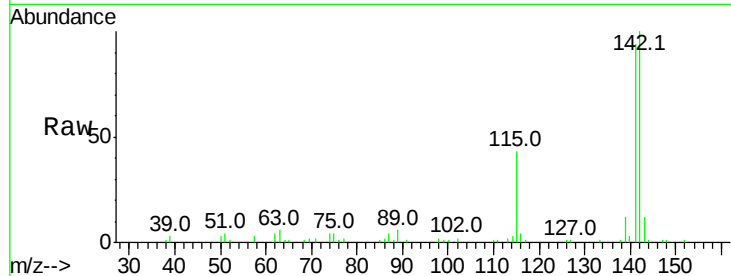




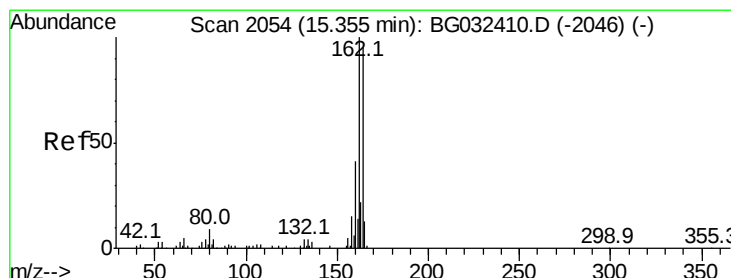
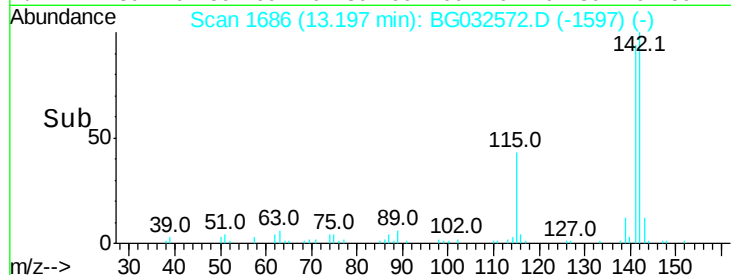
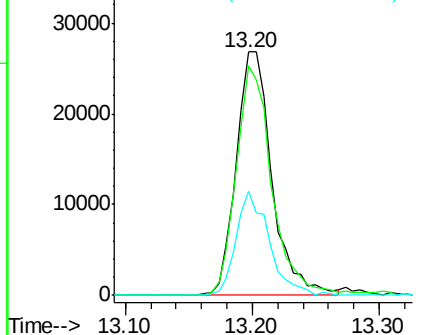
#37
 2-Methylnaphthalene
 Concen: 15.568 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 52561
 Ion Ratio Lower Upper
 142 100
 141 94.5 67.1 100.7
 115 42.8 30.7 46.1

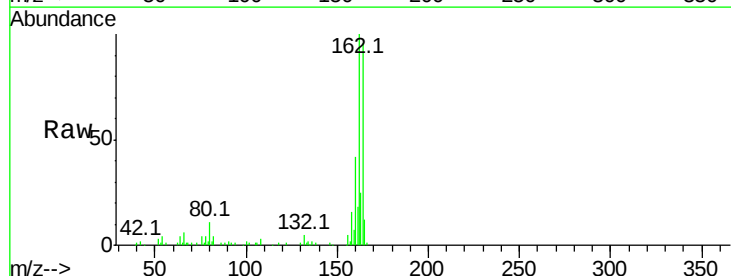


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

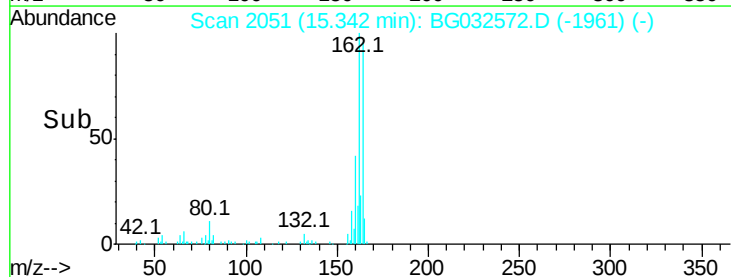
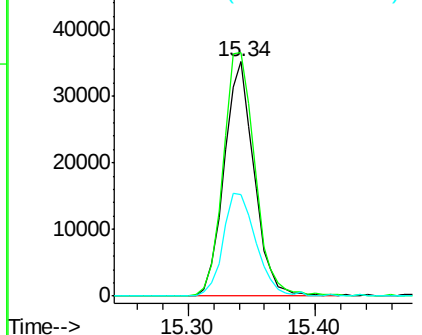


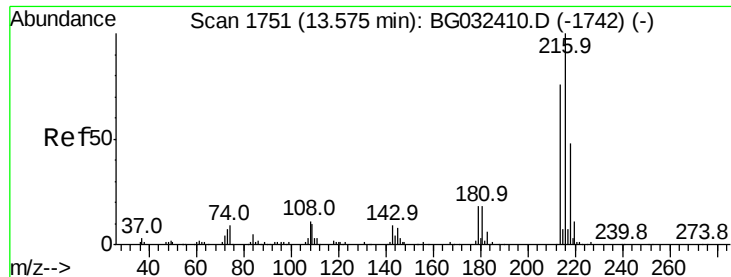
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Tgt Ion:164 Resp: 57427
 Ion Ratio Lower Upper
 164 100
 162 103.9 78.8 118.2
 160 43.4 35.4 53.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 16.086 ng

RT: 13.56 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

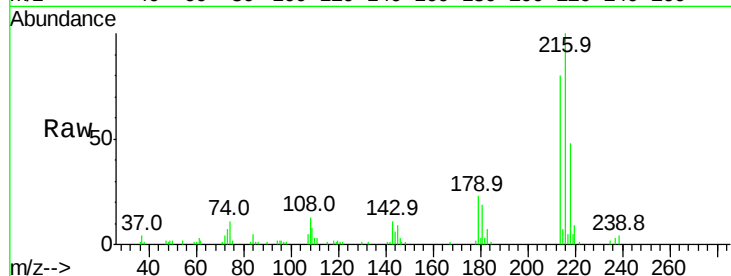
Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 43218

Ion	Ratio	Lower	Upper
216	100		
214	77.2	63.0	94.4
179	19.1	17.0	25.6
108	12.2	12.8	19.2

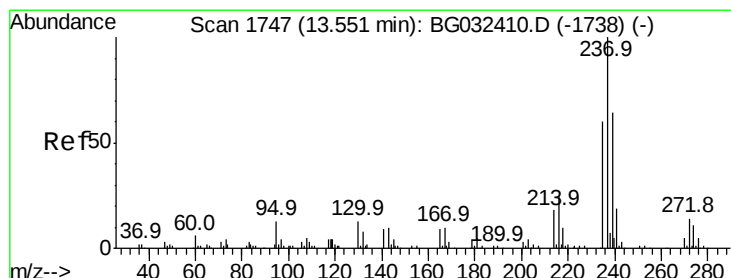
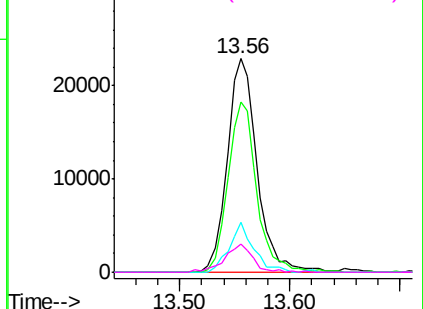
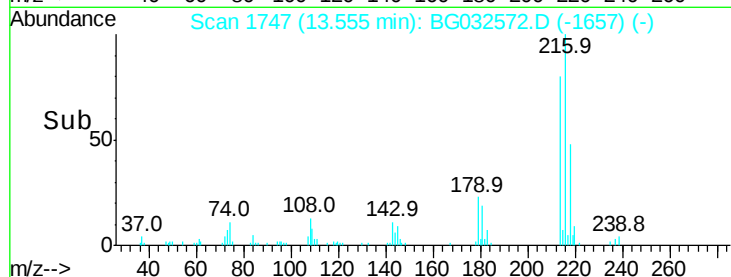


Abundance Ion 216.00 (215.70 to 216.70): E

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: 16.030 ng

RT: 13.53 min Scan# 1742

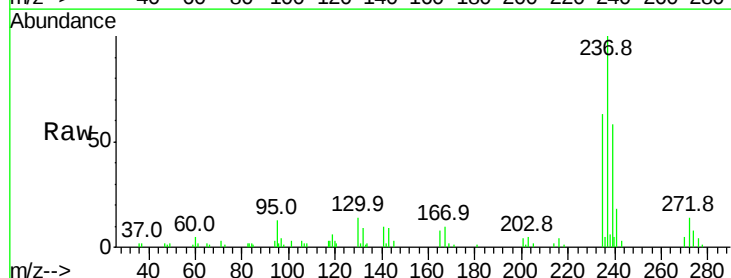
Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Tgt Ion:237 Resp: 26909

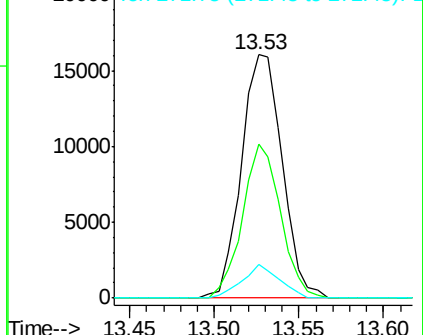
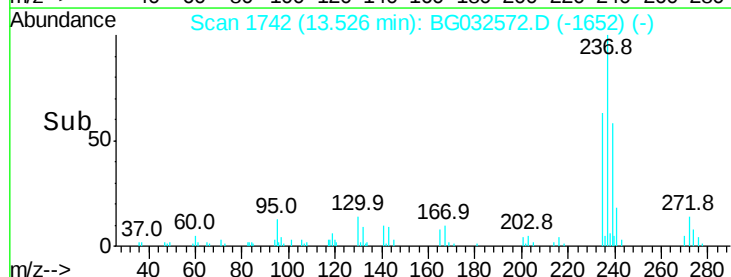
Ion	Ratio	Lower	Upper
237	100		
235	63.2	50.4	90.4
272	13.8	0.0	31.8

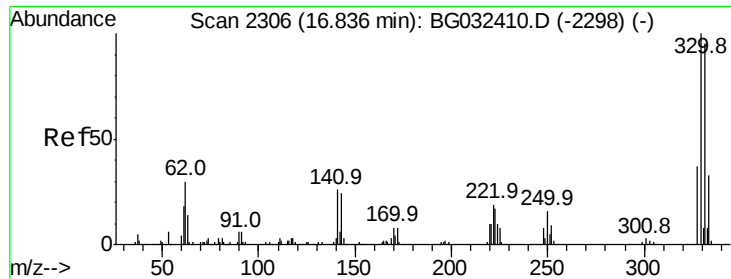


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

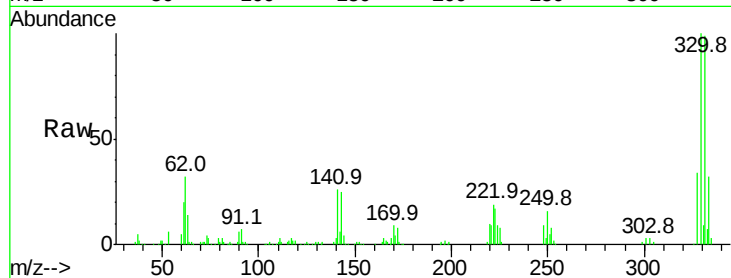




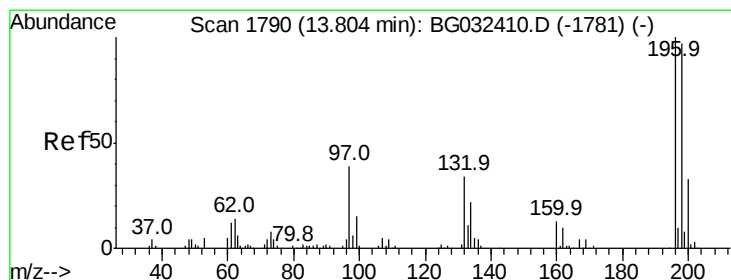
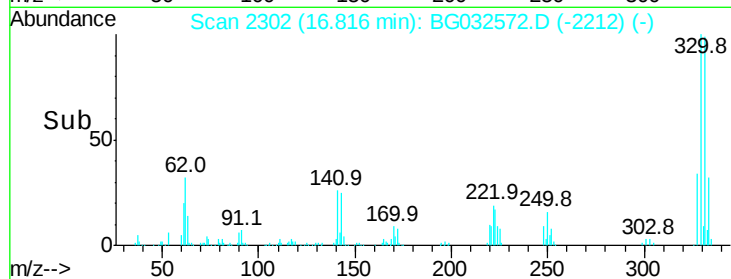
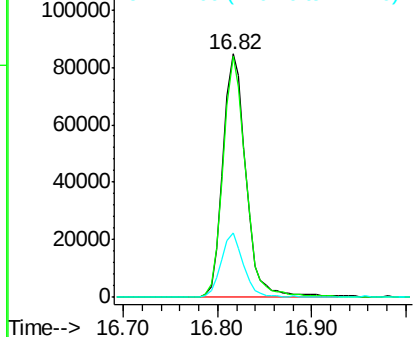
#41
 2,4,6-Tribromophenol
 Concen: 132.905 ng
 RT: 16.82 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	25.4	25.2	37.8

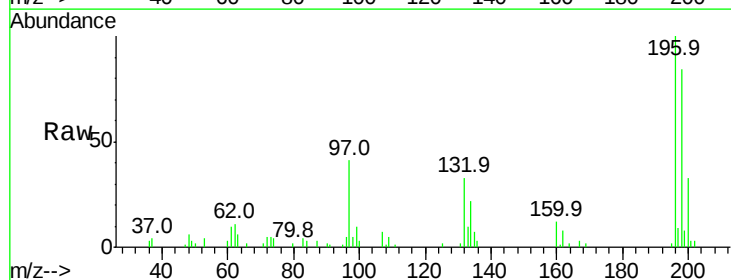


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

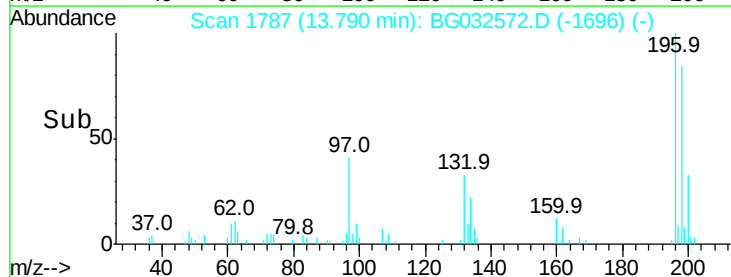
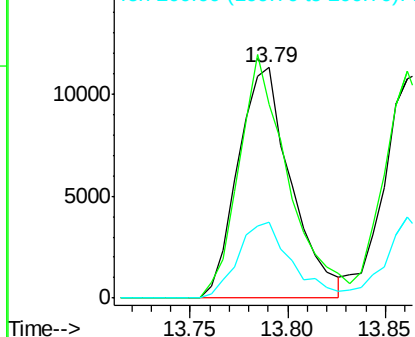


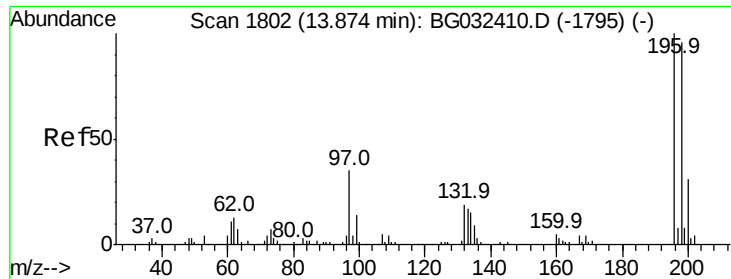
#42
 2,4,6-Trichlorophenol
 Concen: 14.589 ng
 RT: 13.79 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	84.2	78.2	117.2
200	33.0	24.6	36.8



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

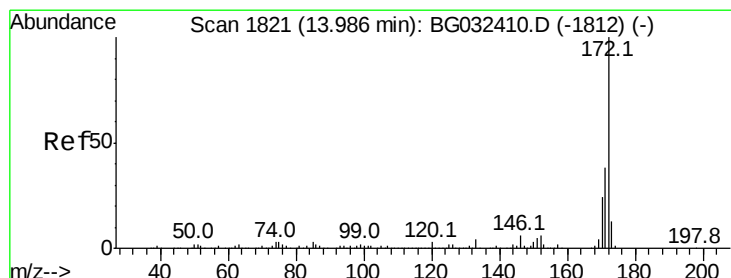
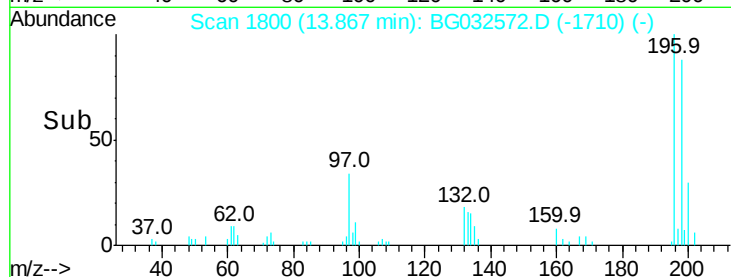
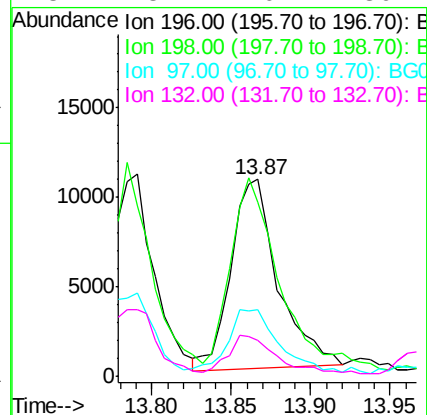
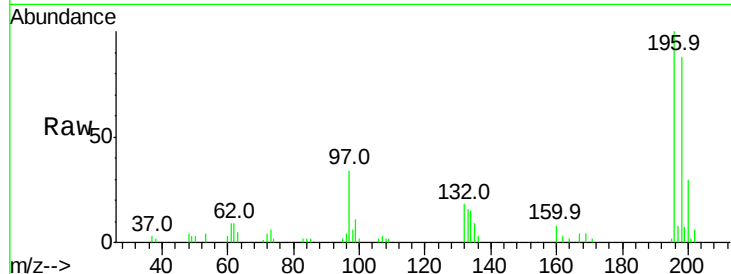




#43
 2,4,5-Trichlorophenol
 Concen: 12.756 ng
 RT: 13.87 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

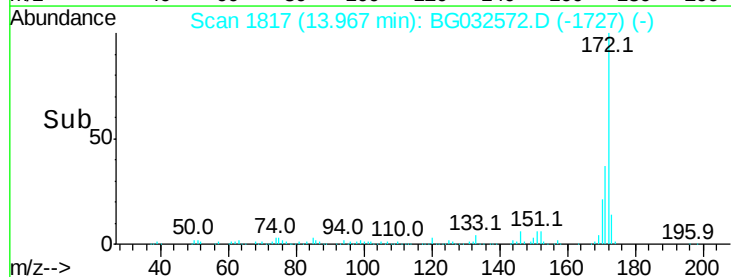
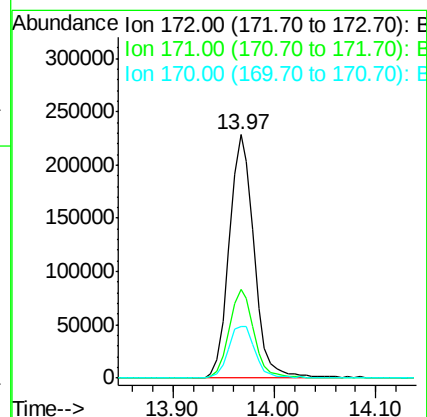
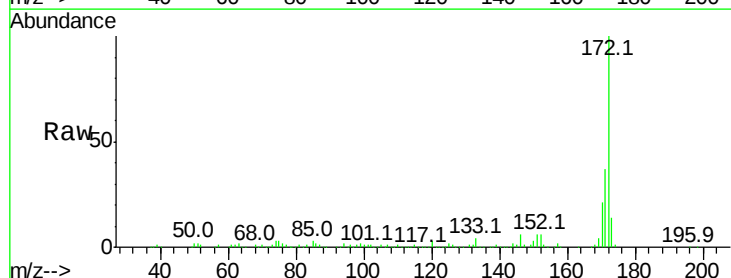
Instrument :
 BNA_G
 ClientSampleId :

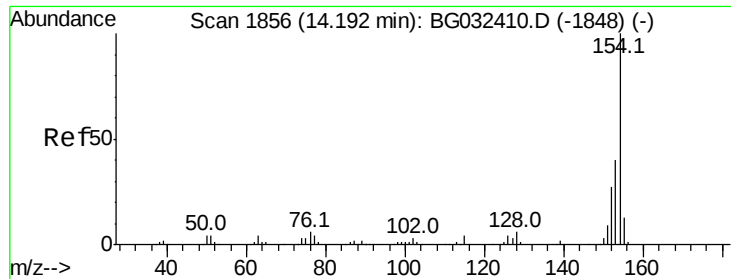
Tot Ion	Ratio	Lower	Upper
196	100		
198	88.4	76.2	114.4
97	33.6	38.7	58.1#
132	18.1	20.2	30.2#



#44
 2-Fluorobiphenyl
 Concen: 80.155 ng
 RT: 13.97 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	21.2	19.5	29.3





#45

1,1'-Biphenyl

Concen: 15.145 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampled :

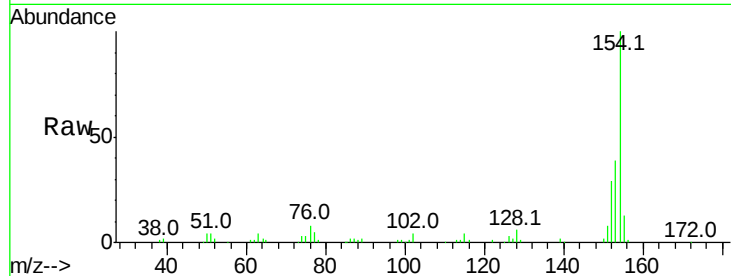
Tot Ion:154 Resp: 73481

Ion Ratio Lower Upper

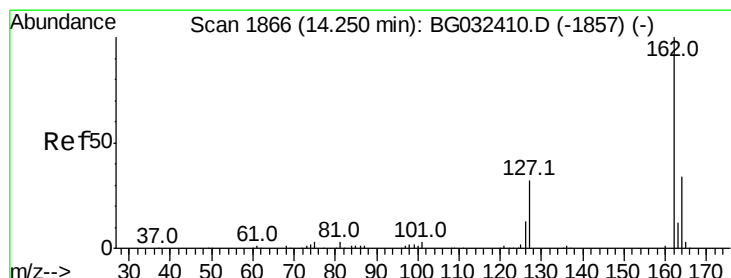
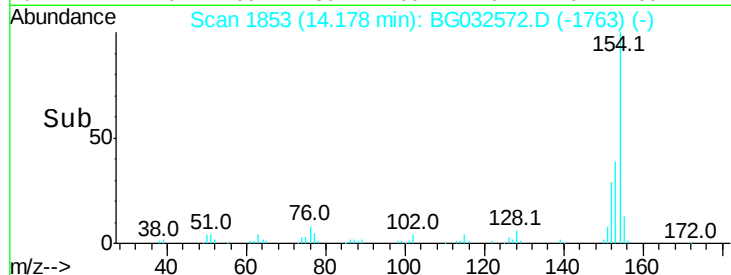
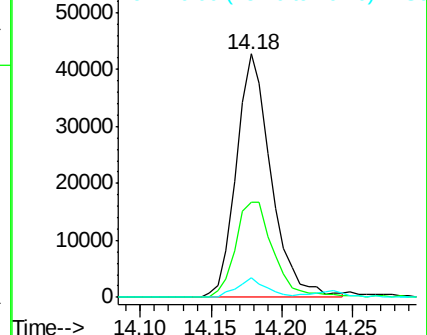
154 100

153 38.9 19.8 59.8

76 7.8 0.0 31.9



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



#46

2-Chloronaphthalene

Concen: 15.225 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

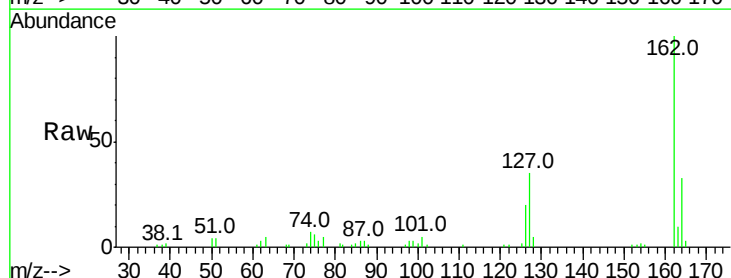
Tgt Ion:162 Resp: 57895

Ion Ratio Lower Upper

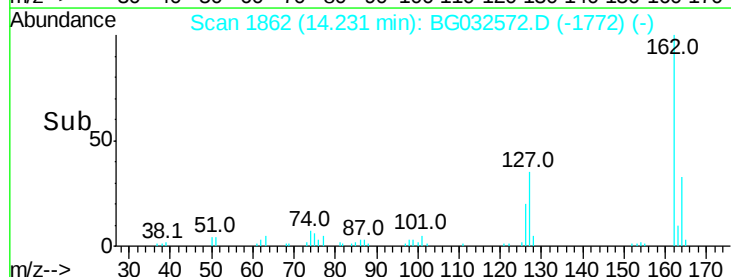
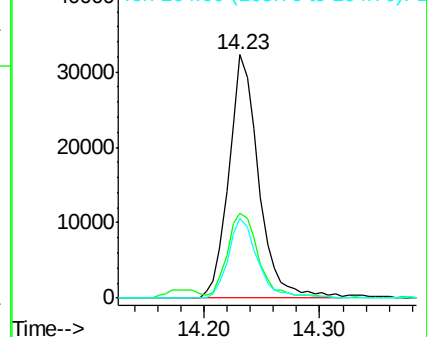
162 100

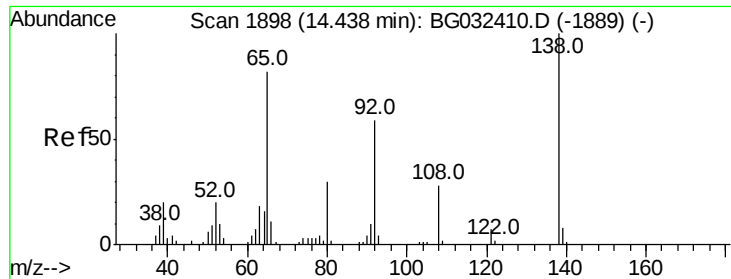
127 34.6 30.7 46.1

164 32.8 26.0 39.0



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





#47

2-Nitroaniline

Concen: 14.473 ng

RT: 14.43 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

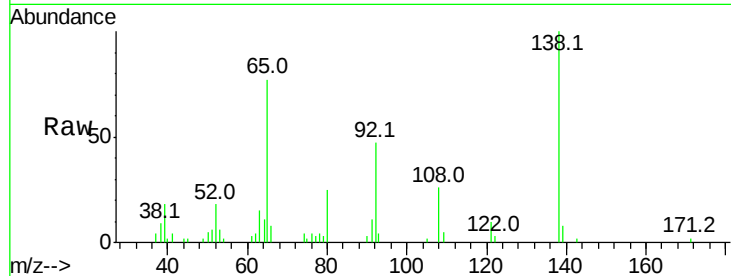
Tot Ion: 65 Resp: 12171

Ion Ratio Lower Upper

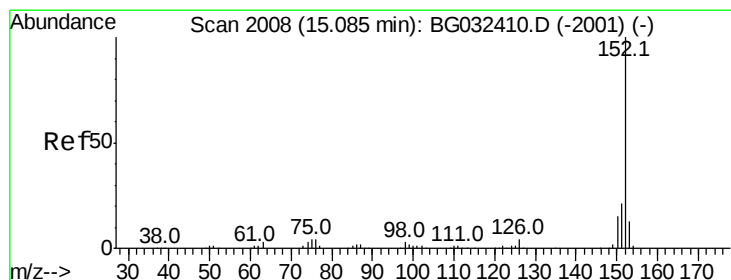
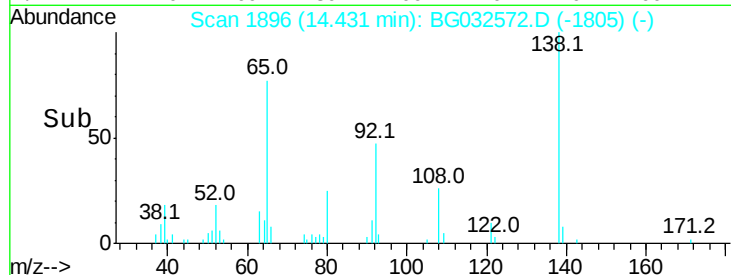
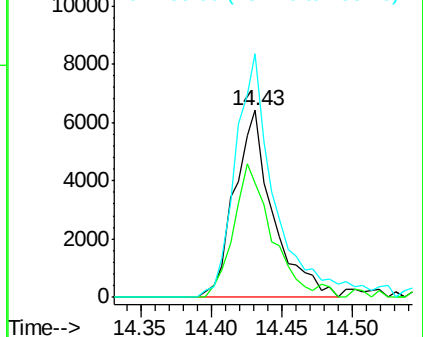
65 100

92 60.9 54.6 82.0

138 130.4 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: 15.329 ng

RT: 15.07 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

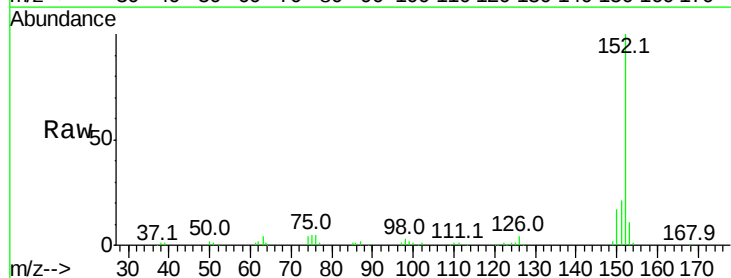
Tgt Ion: 152 Resp: 88125

Ion Ratio Lower Upper

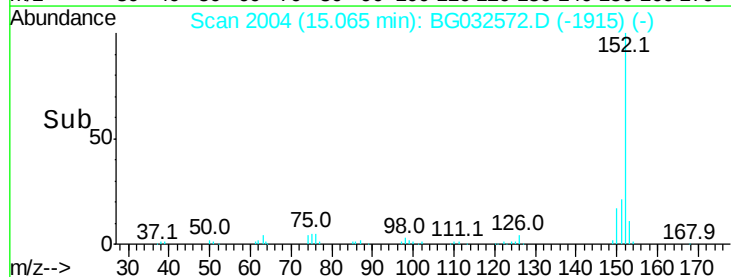
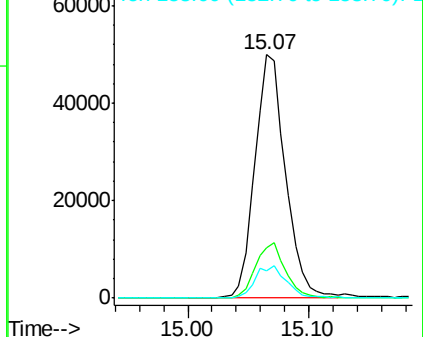
152 100

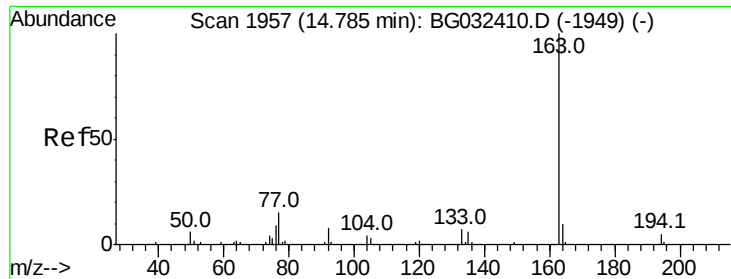
151 20.6 17.2 25.8

153 11.2 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: 15.443 ng

RT: 14.77 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

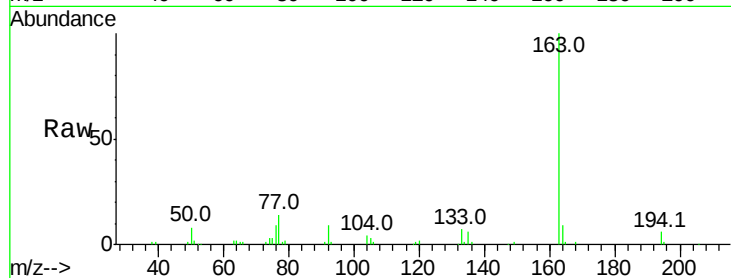
Tot Ion:163 Resp: 81771

Ion Ratio Lower Upper

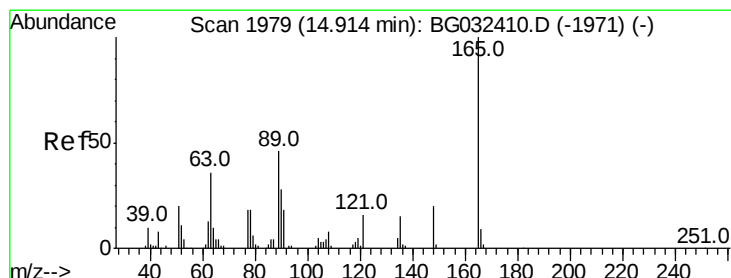
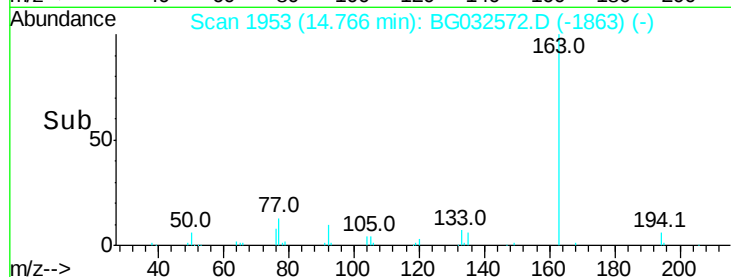
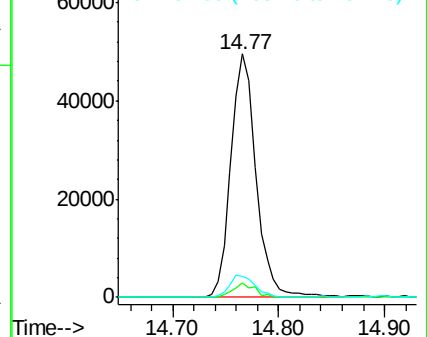
163 100

194 5.7 3.4 5.2#

164 8.8 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: 15.719 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

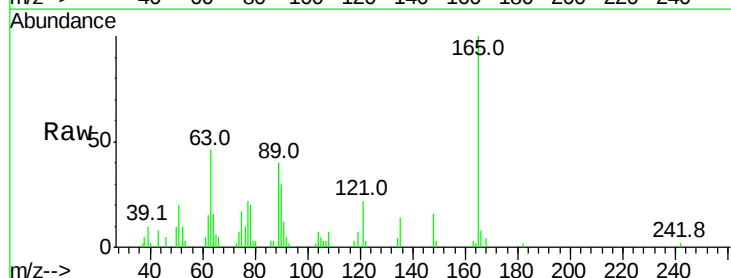
Tgt Ion:165 Resp: 17470

Ion Ratio Lower Upper

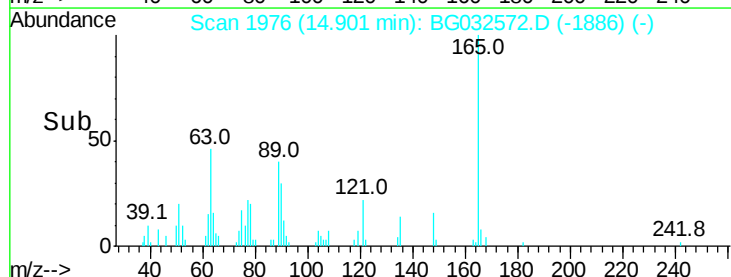
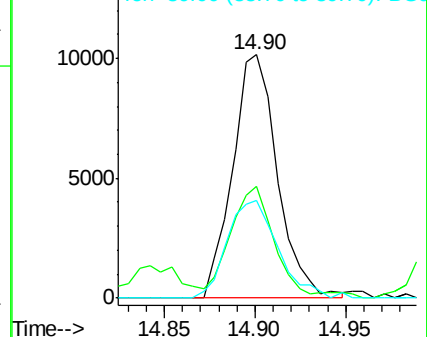
165 100

63 45.8 52.7 79.1#

89 40.3 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: 15.358 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

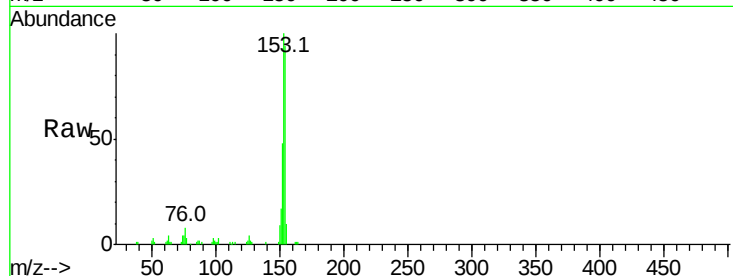
Tot Ion:154 Resp: 61231

Ion Ratio Lower Upper

154 100

153 106.7 90.4 135.6

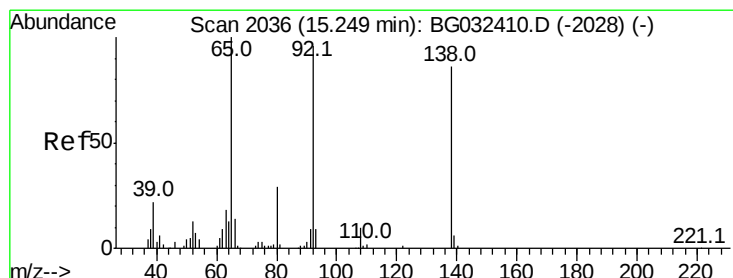
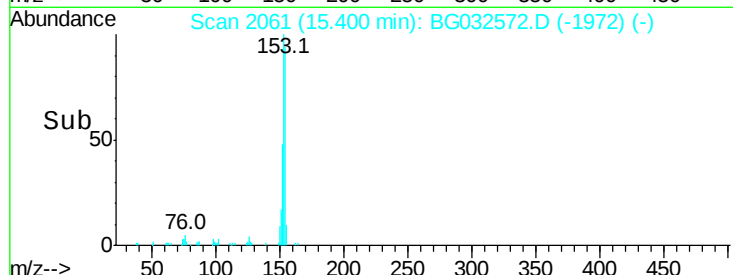
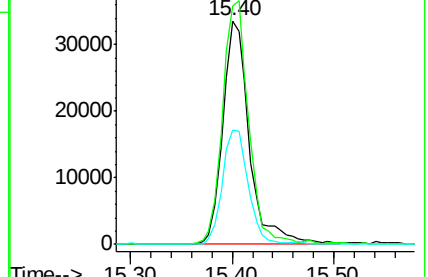
152 51.1 41.6 62.4



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: 8.550 ng

RT: 15.24 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

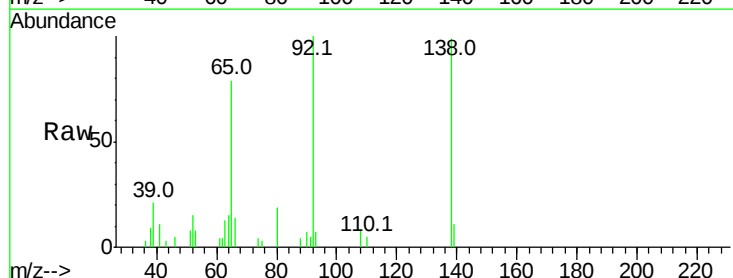
Tgt Ion:138 Resp: 8300

Ion Ratio Lower Upper

138 100

108 8.5 17.5 26.3#

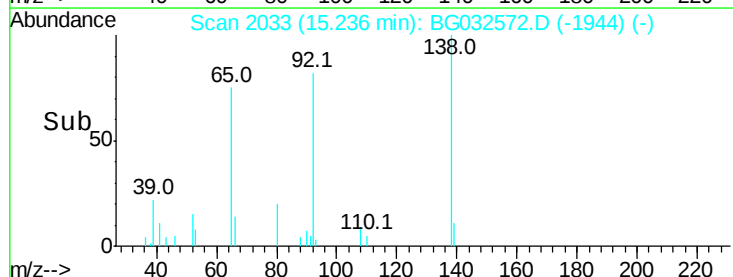
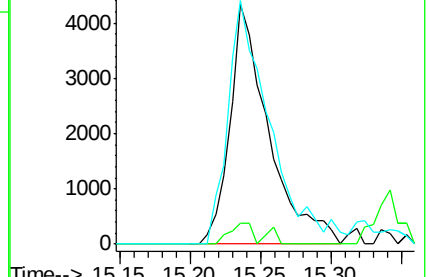
92 101.4 105.8 158.8#

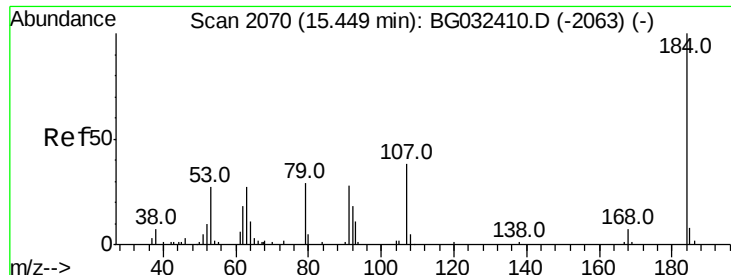


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

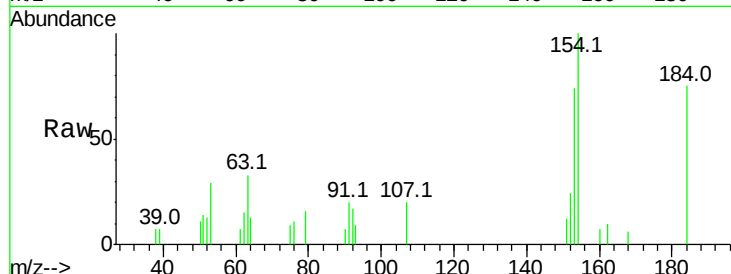




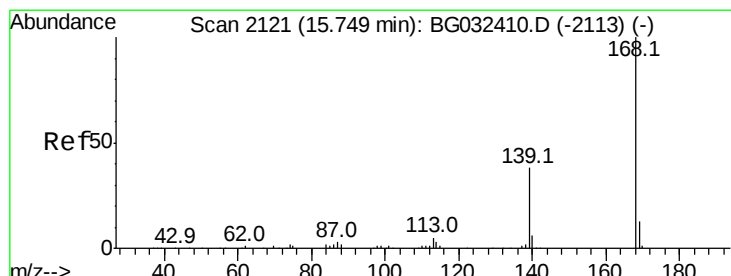
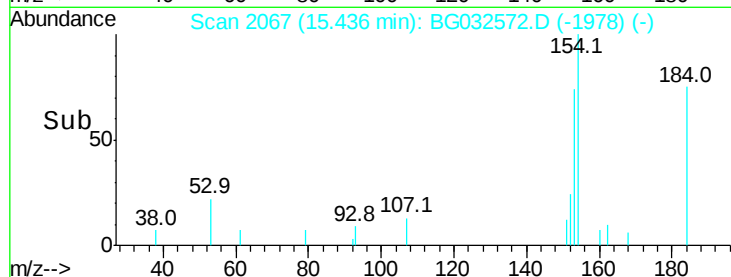
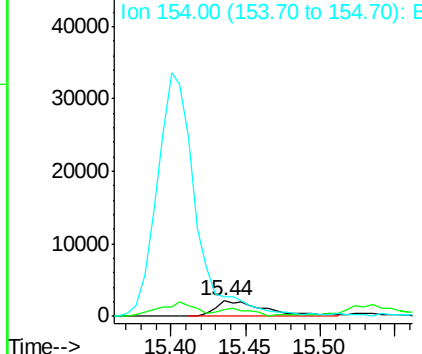
#53
 2,4-Dinitrophenol
 Concen: 11.155 ng
 RT: 15.44 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 5156
 Ion Ratio Lower Upper
 184 100
 63 44.2 59.8 89.8#
 154 132.8 101.8 152.8

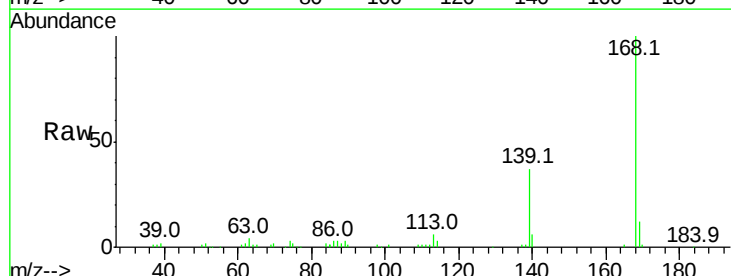


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

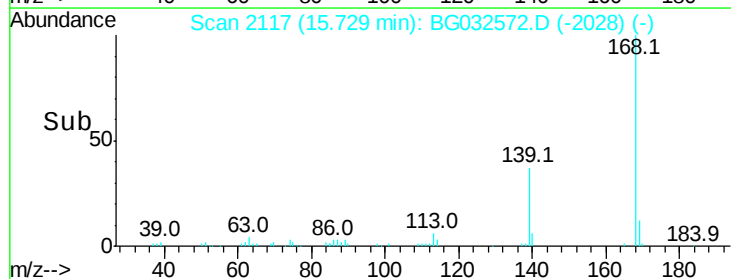
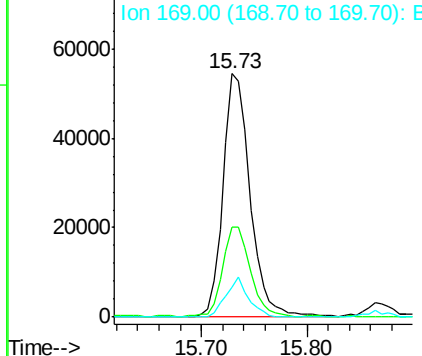


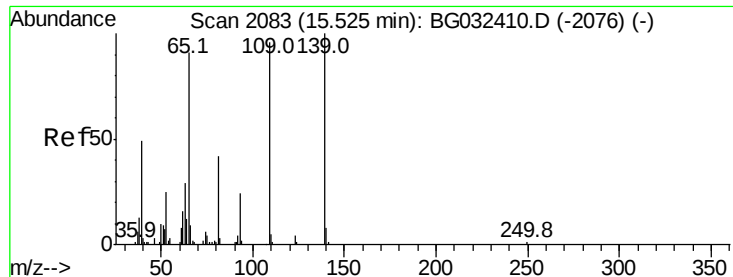
#54
 Dibenzofuran
 Concen: 16.472 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Tgt Ion:168 Resp: 97202
 Ion Ratio Lower Upper
 168 100
 139 37.2 28.6 43.0
 169 12.2 11.2 16.8



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





#55

4-Nitrophenol

Concen: 12.985 ng

RT: 15.54 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

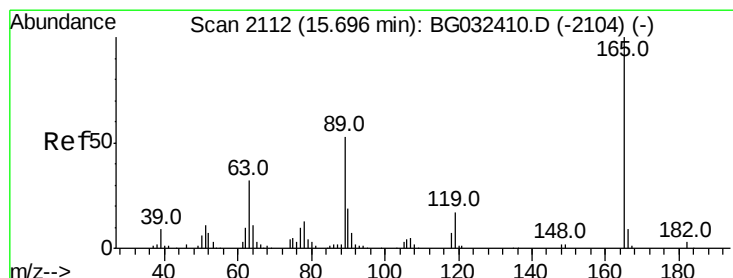
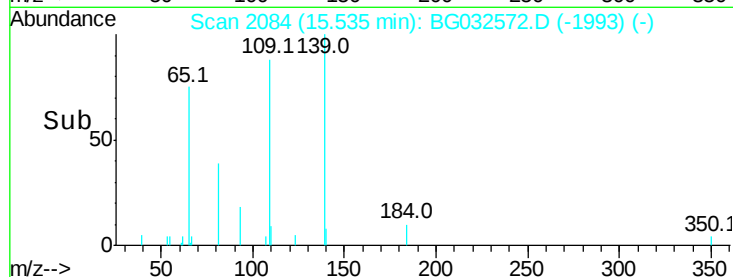
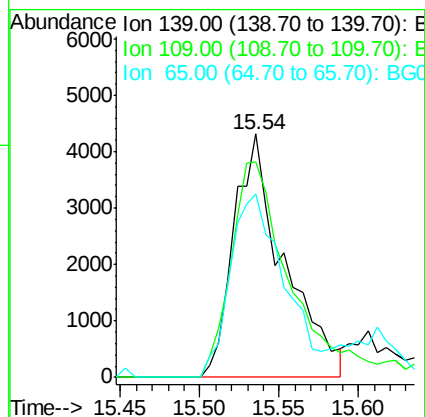
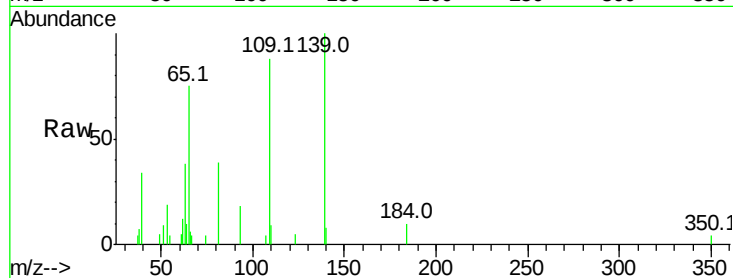
Tot Ion:139 Resp: 9437

Ion Ratio Lower Upper

139 100

109 88.3 62.2 102.2

65 75.2 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 16.062 ng

RT: 15.68 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Tgt Ion:165 Resp: 25416

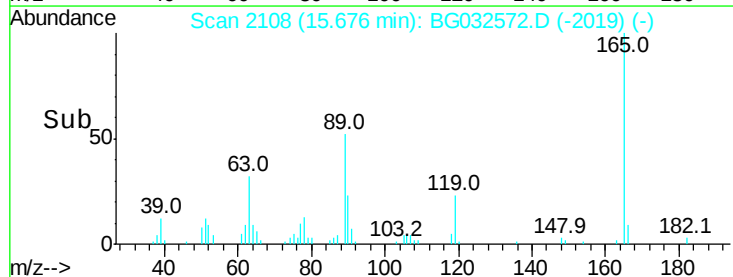
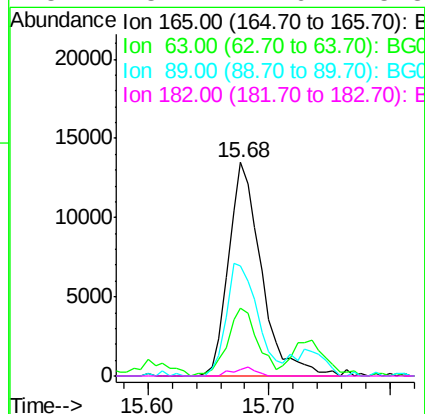
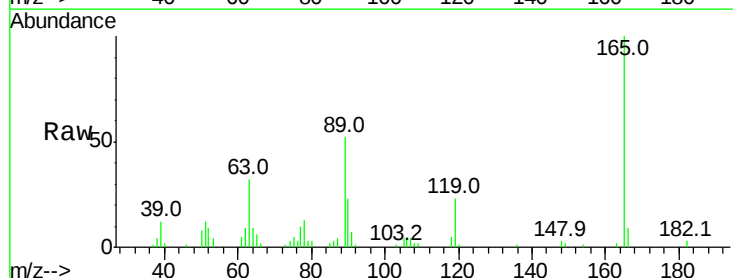
Ion Ratio Lower Upper

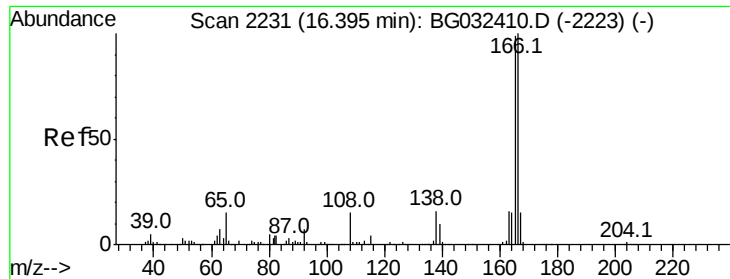
165 100

63 31.6 42.0 63.0#

89 51.8 66.9 100.3#

182 3.2 2.6 3.8





#57

Fluorene

Concen: 15.866 ng

RT: 16.38 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

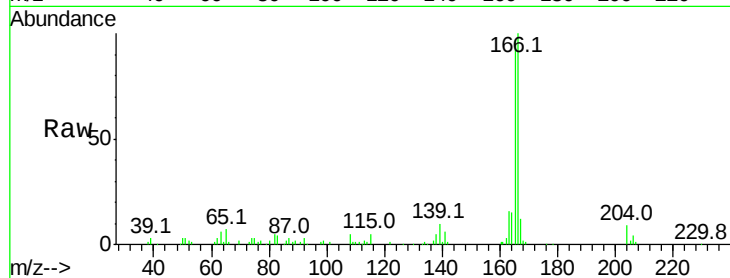
Tot Ion:166 Resp: 77802

Ion Ratio Lower Upper

166 100

165 97.1 80.6 121.0

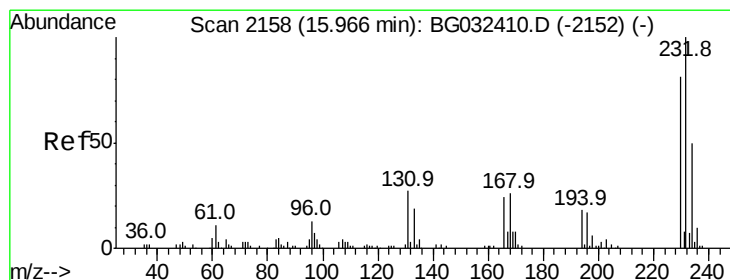
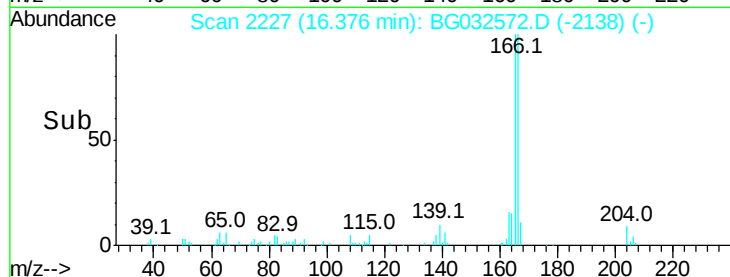
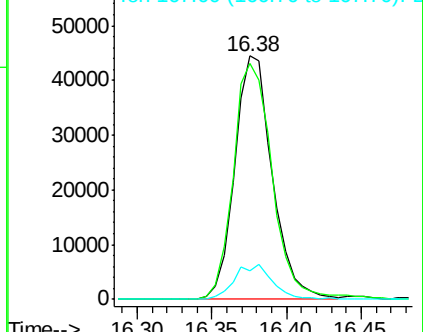
167 11.9 10.4 15.6



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: 15.594 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Tgt Ion:232 Resp: 26200

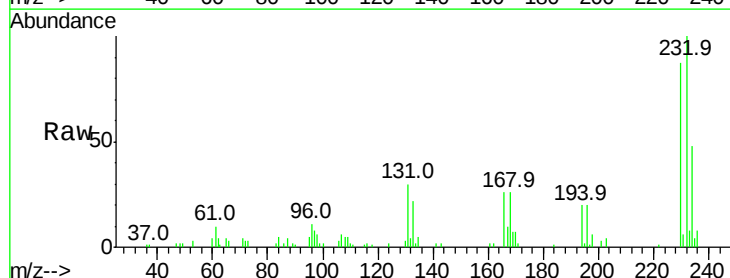
Ion Ratio Lower Upper

232 100

131 32.7 33.5 50.3#

130 2.0 2.2 3.2#

166 25.8 24.8 37.2

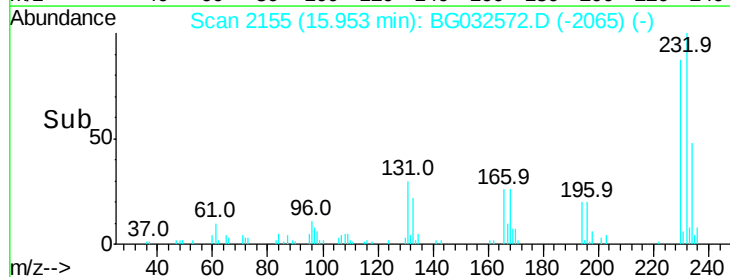
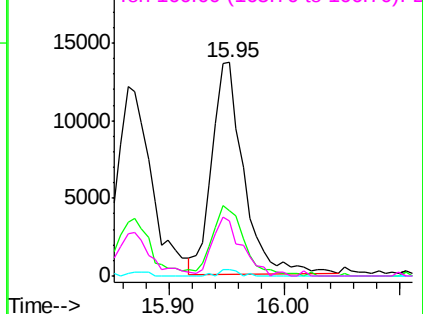


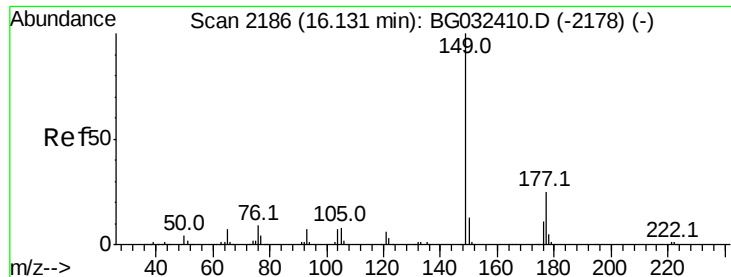
Abundance Ion 232.00 (231.70 to 232.70): E

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

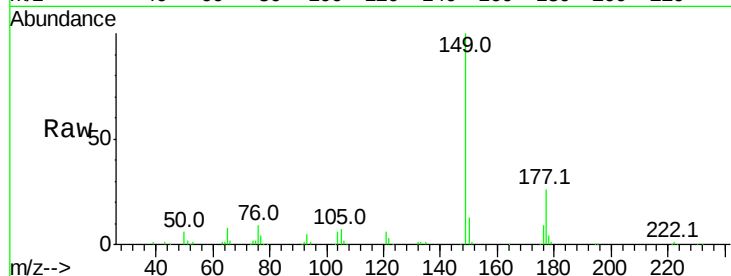




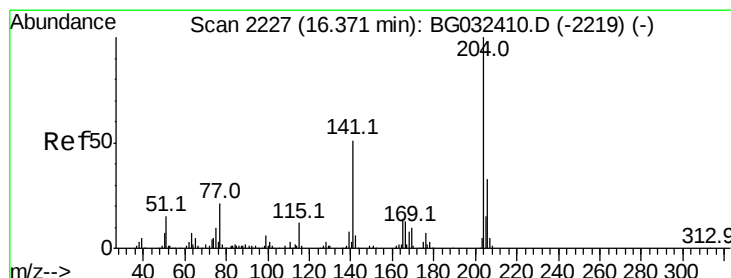
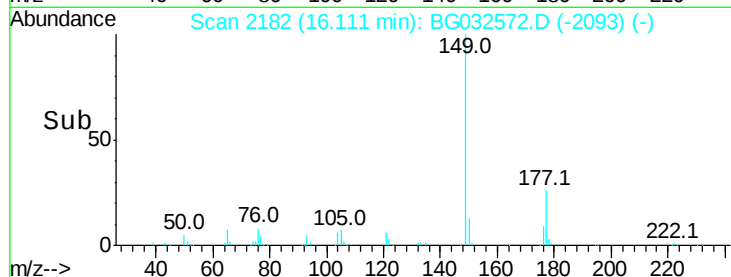
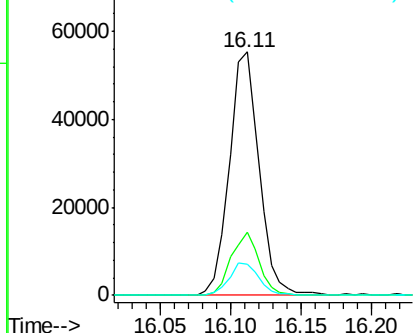
#59
Diethylphthalate
Concen: 15.767 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 81314
Ion Ratio Lower Upper
149 100
177 25.7 18.5 27.7
150 12.8 10.2 15.2

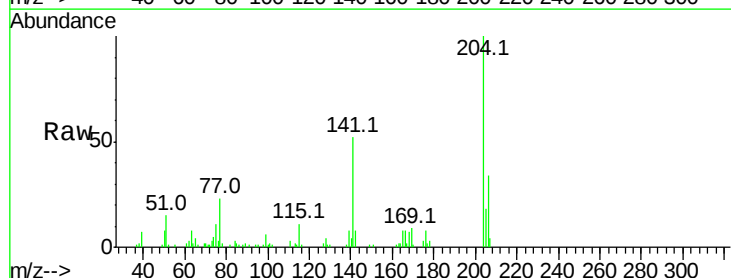


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

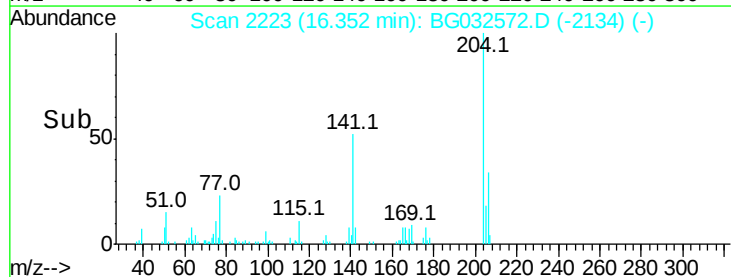
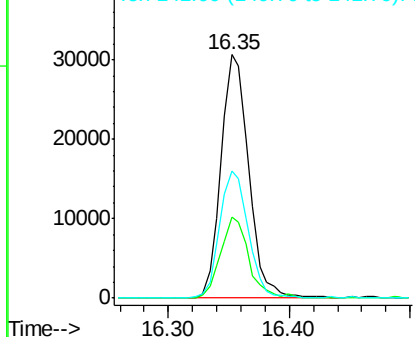


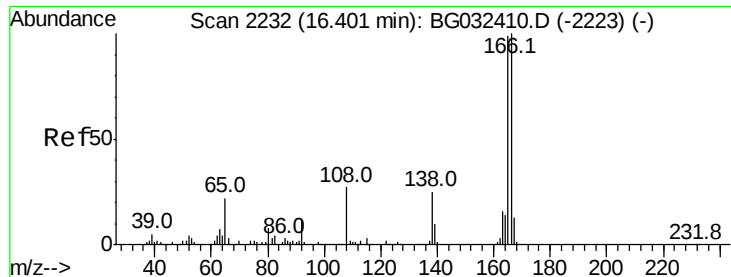
#60
4-Chlorophenyl-phenylether
Concen: 15.751 ng
RT: 16.35 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Tgt Ion:204 Resp: 48703
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 52.0 45.8 68.6



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





#61

4-Nitroaniline

Concen: 14.168 ng

RT: 16.39 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

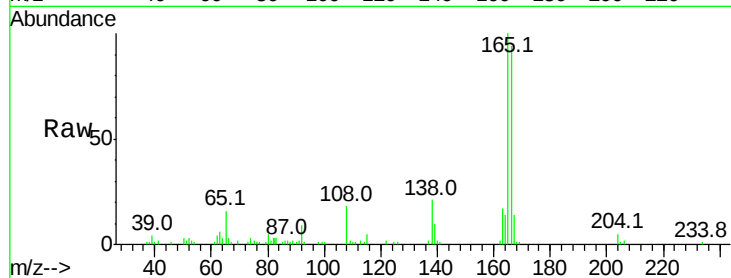
Tot Ion:138 Resp: 14741

Ion Ratio Lower Upper

138 100

92 43.5 40.1 80.1

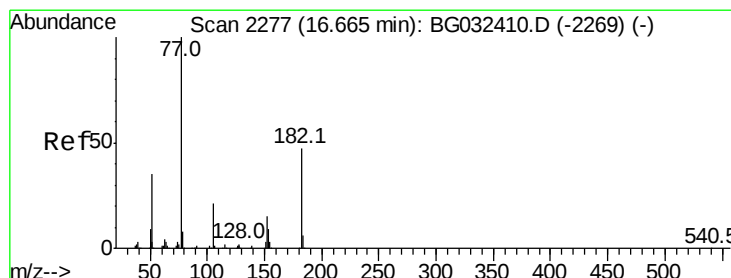
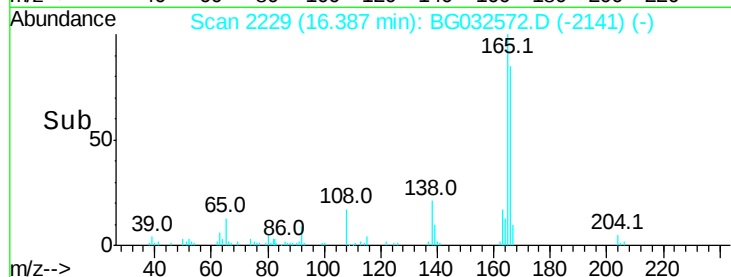
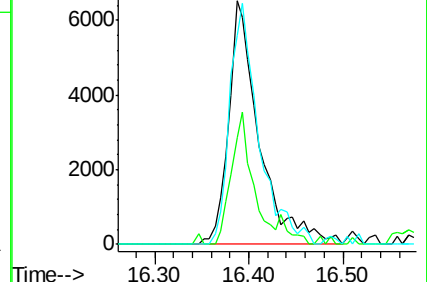
108 86.1 65.4 105.4



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: 15.332 ng

RT: 16.65 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Tgt Ion: 77 Resp: 47253

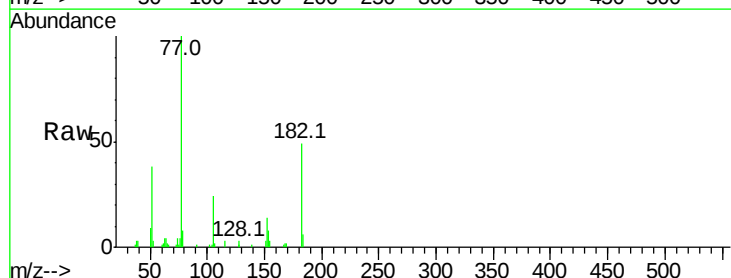
Ion Ratio Lower Upper

77 100

182 48.9 7.4 47.4#

105 23.7 0.3 40.3

51 37.8 11.6 51.6

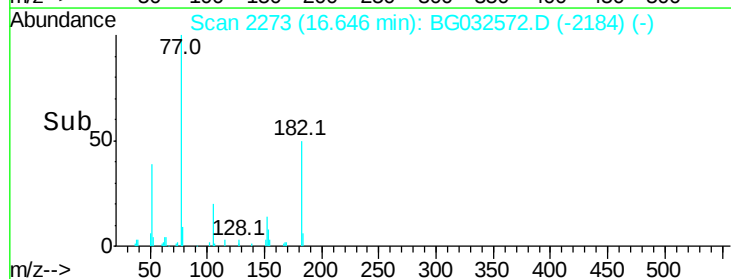
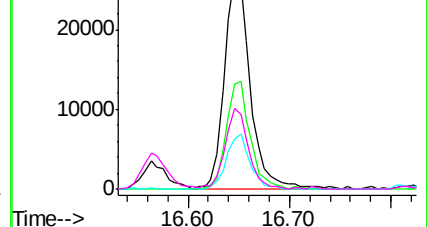


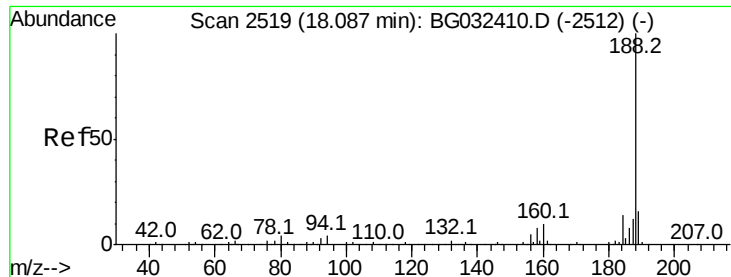
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

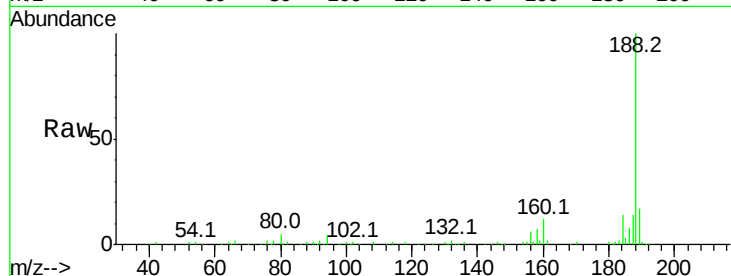




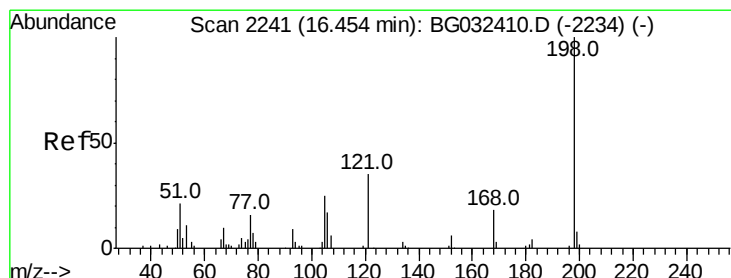
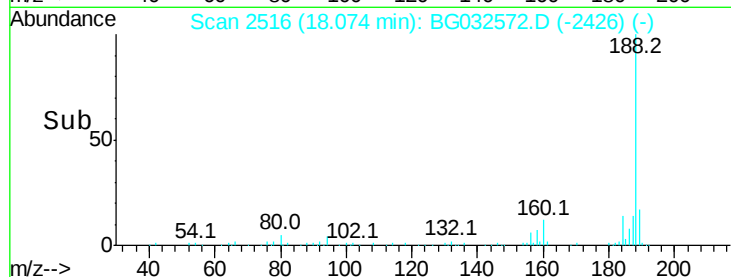
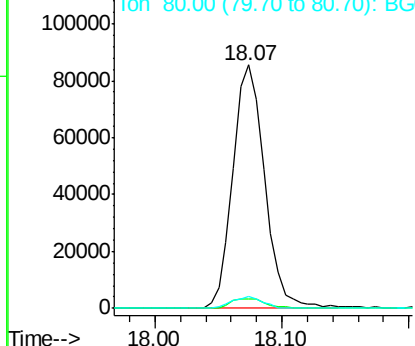
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.07 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 148499
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 5.4 7.7 11.5#

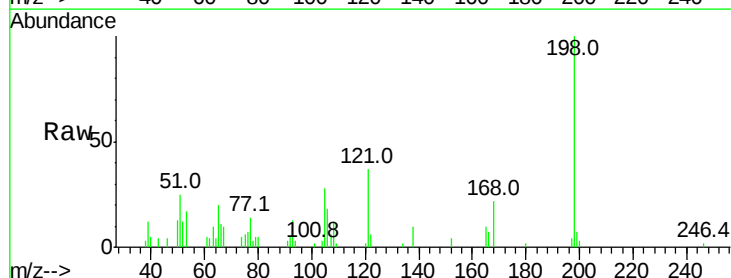


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

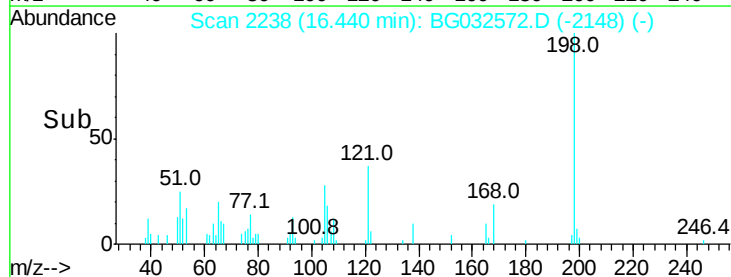
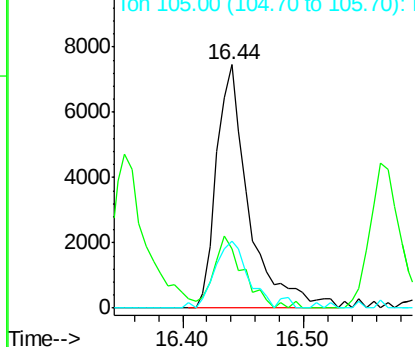


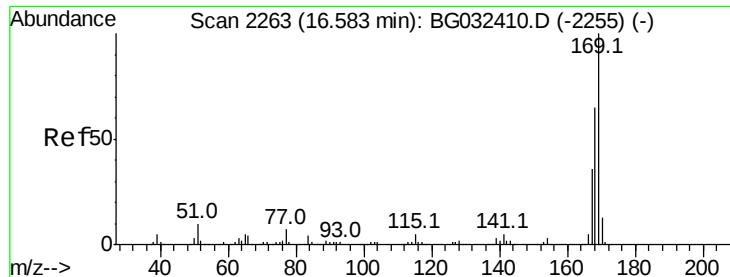
#64
4,6-Dinitro-2-methylphenol
Concen: 12.422 ng
RT: 16.44 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Tgt Ion:198 Resp: 13781
Ion Ratio Lower Upper
198 100
51 24.5 30.6 70.6#
105 27.7 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: 16.121 ng

RT: 16.57 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampled :

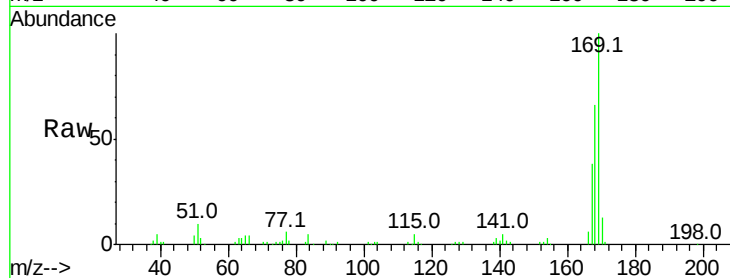
Tot Ion:169 Resp: 71444

Ion Ratio Lower Upper

169 100

168 65.5 55.7 83.5

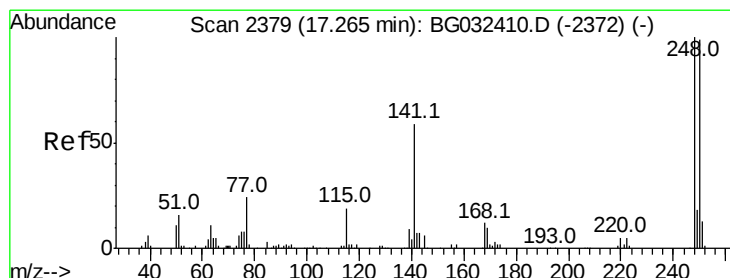
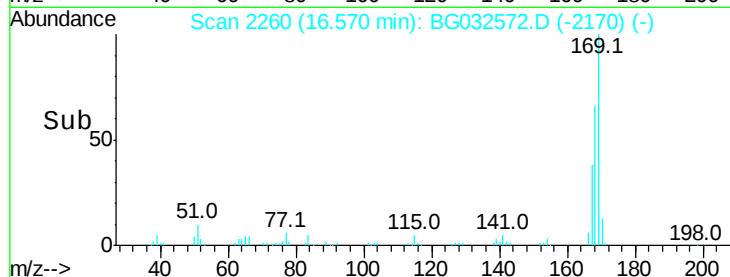
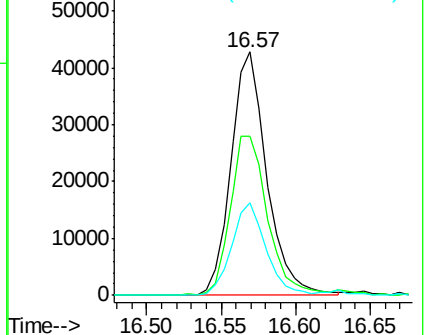
167 37.8 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 16.624 ng

RT: 17.25 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

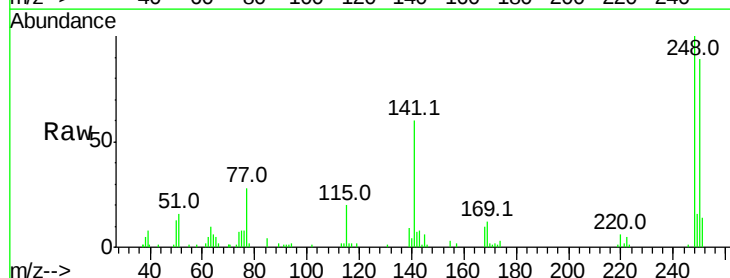
Tgt Ion:248 Resp: 36572

Ion Ratio Lower Upper

248 100

250 88.7 77.1 115.7

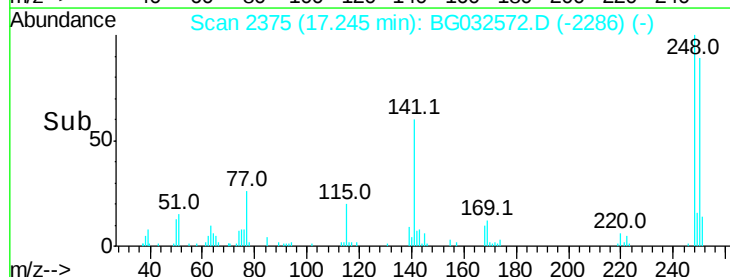
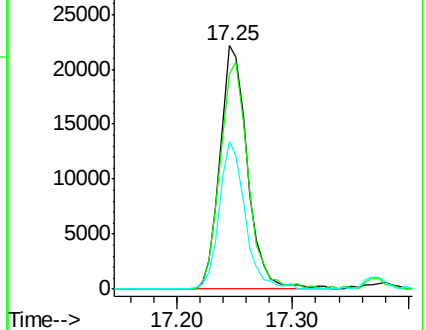
141 60.4 50.8 76.2

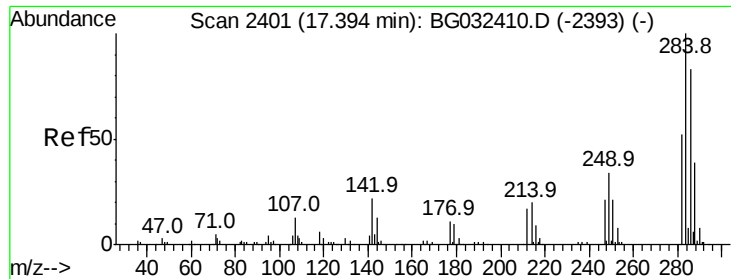


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 16.352 ng

RT: 17.37 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

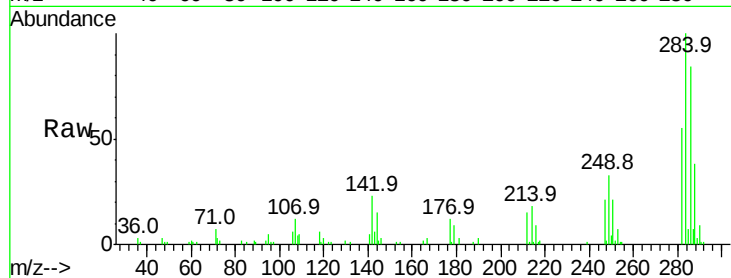
Tot Ion:284 Resp: 39810

Ion Ratio Lower Upper

284 100

142 22.7 26.8 40.2#

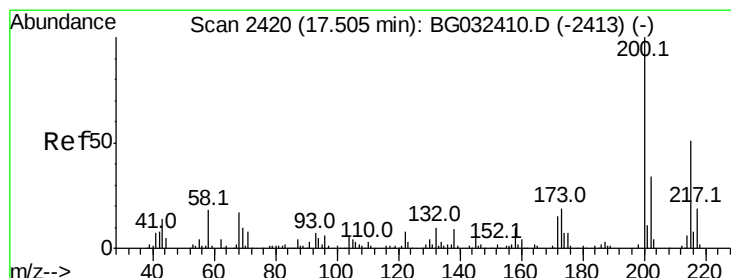
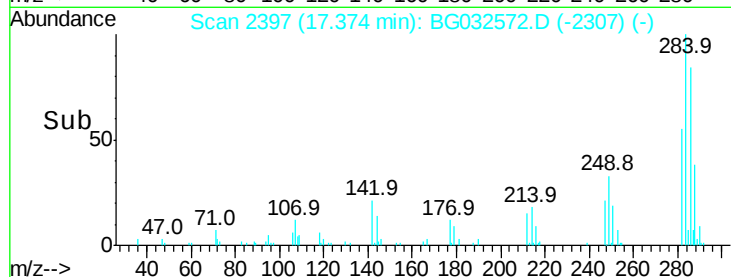
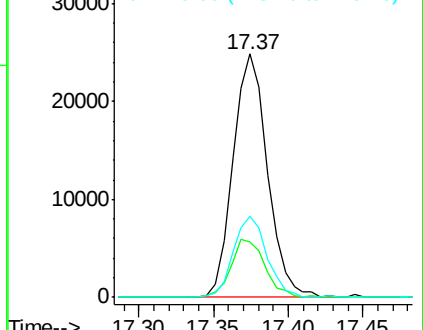
249 33.2 26.3 39.5



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: 17.308 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

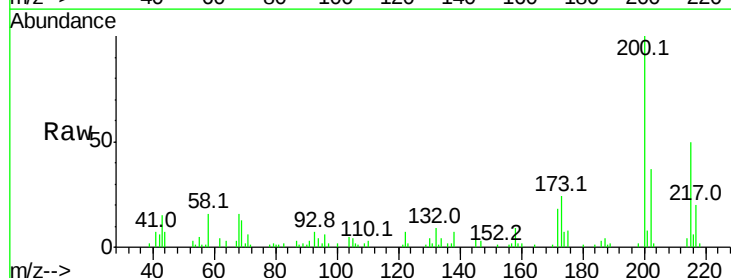
Tgt Ion:200 Resp: 32927

Ion Ratio Lower Upper

200 100

173 23.9 5.2 45.2

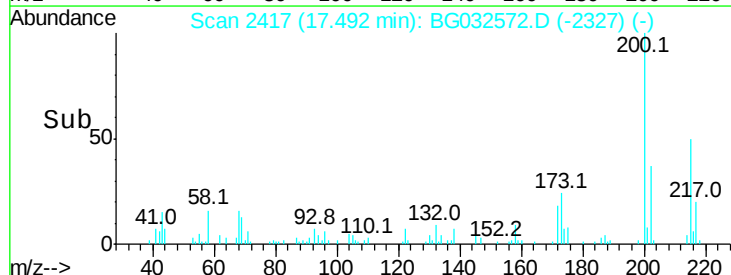
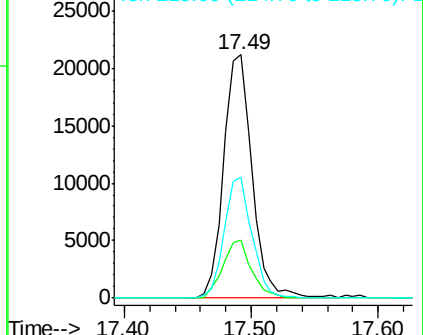
215 49.7 30.4 70.4

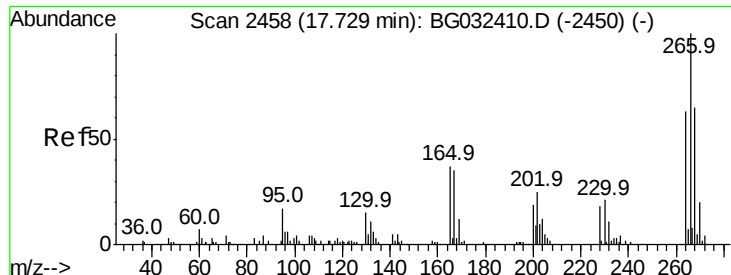


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

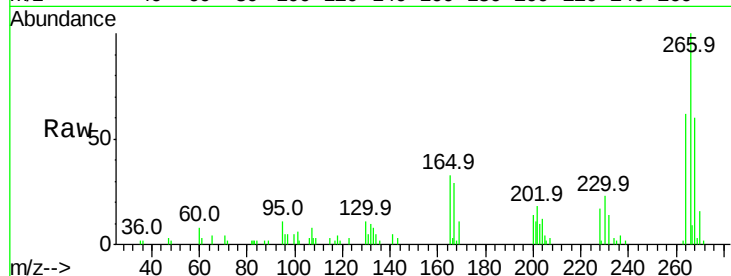




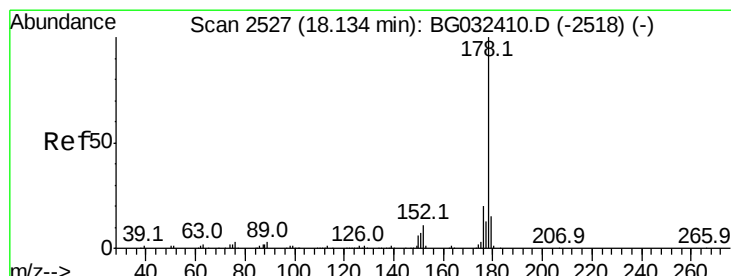
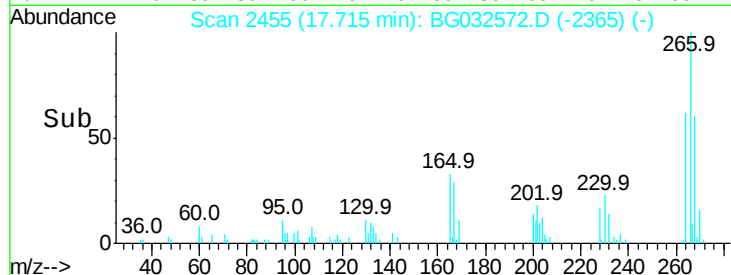
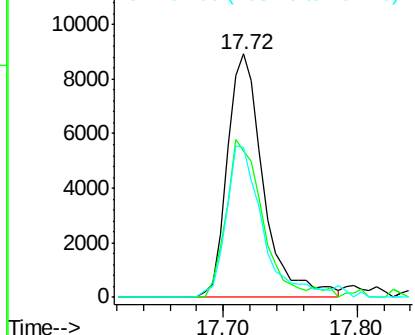
#69
 Pentachlorophenol
 Concen: 11.070 ng
 RT: 17.72 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.2	51.1	76.7
264	61.8	49.6	74.4

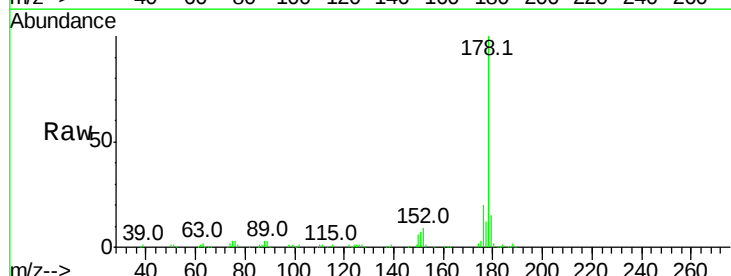


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

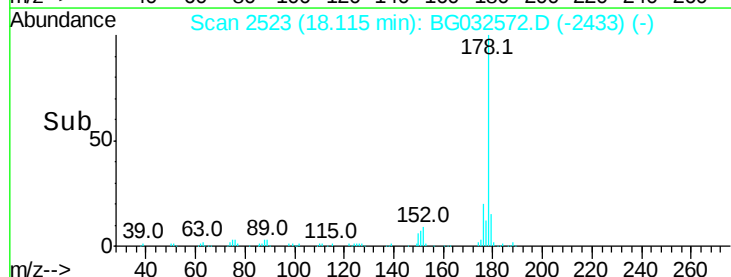
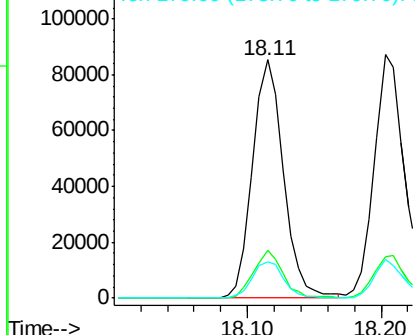


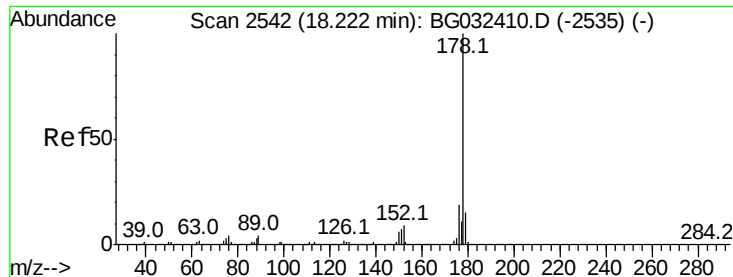
#70
 Phenanthrene
 Concen: 16.477 ng
 RT: 18.11 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	15.2	12.5	18.7



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

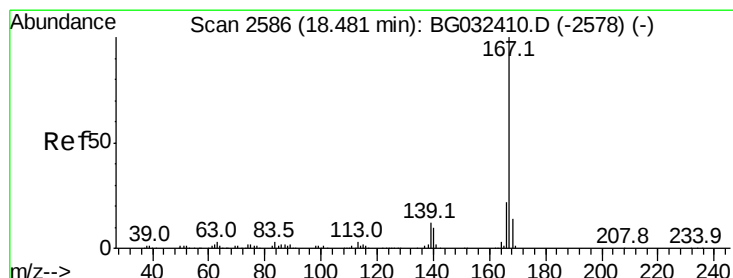
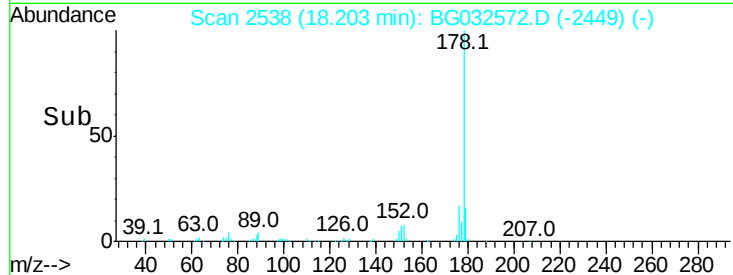
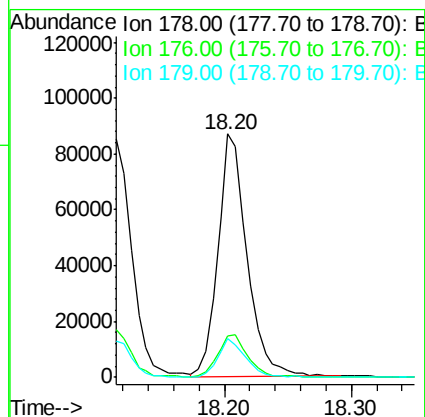
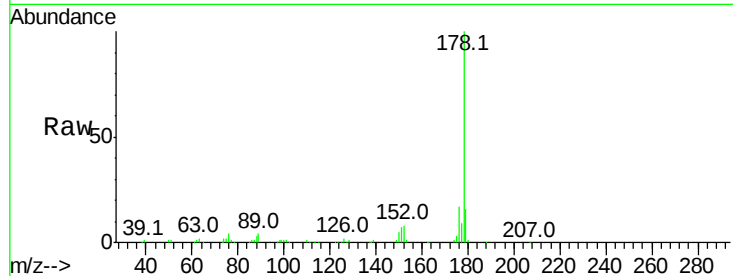




#71
 Anthracene
 Concen: 16.784 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

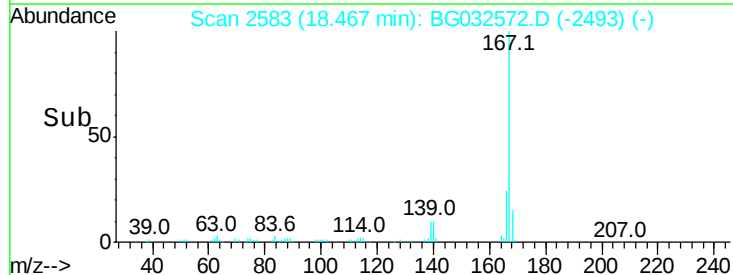
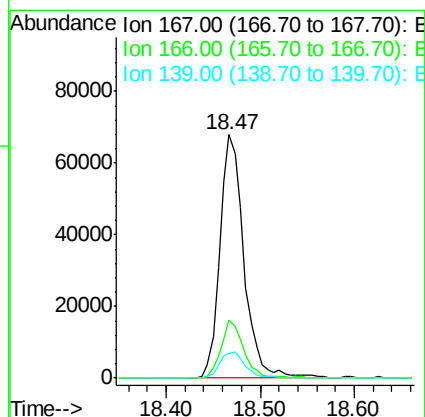
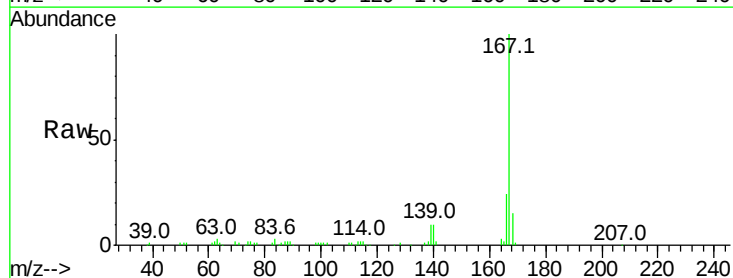
Instrument :
 BNA_G
 ClientSampled :

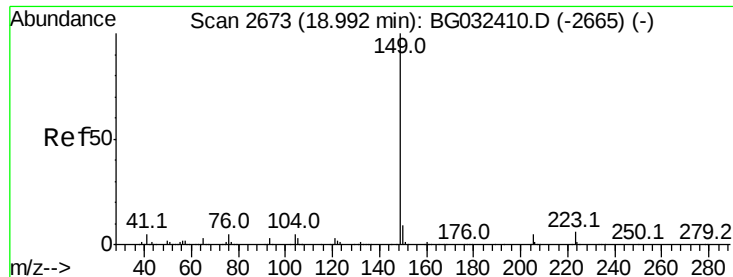
Tot Ion:178 Resp: 138399
 Ion Ratio Lower Upper
 178 100
 176 17.1 16.0 24.0
 179 16.1 12.5 18.7



#72
 Carbazole
 Concen: 16.665 ng
 RT: 18.47 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Tgt Ion:167 Resp: 121413
 Ion Ratio Lower Upper
 167 100
 166 24.0 18.2 27.4
 139 10.3 9.4 14.2





#73

Di-n-butylphthalate

Concen: 16.791 ng

RT: 18.97 min Scan# 2669

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampled :

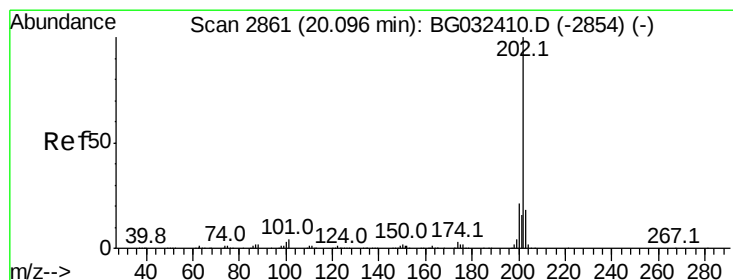
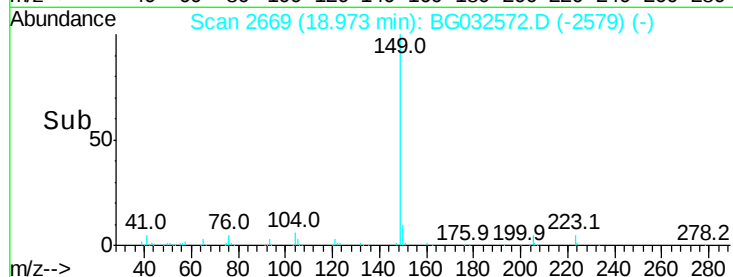
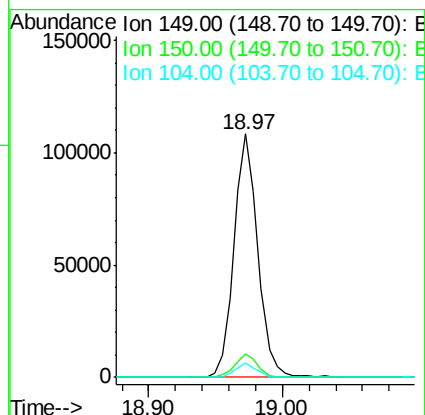
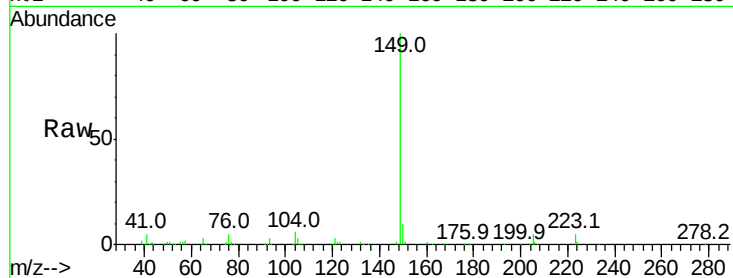
Tot Ion:149 Resp: 135440

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

104 5.7 3.9 5.9



#74

Fluoranthene

Concen: 17.160 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

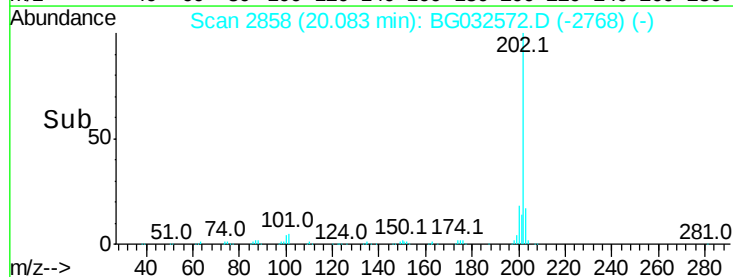
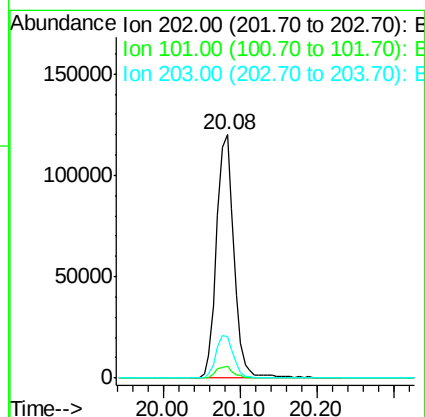
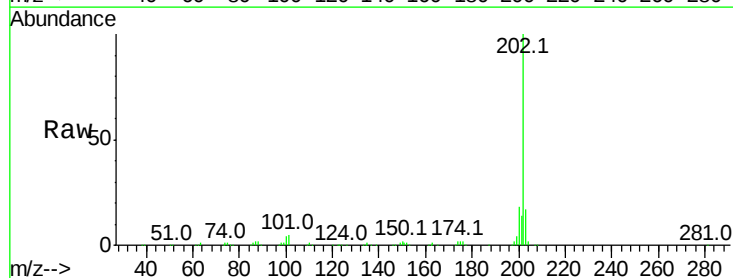
Tgt Ion:202 Resp: 186366

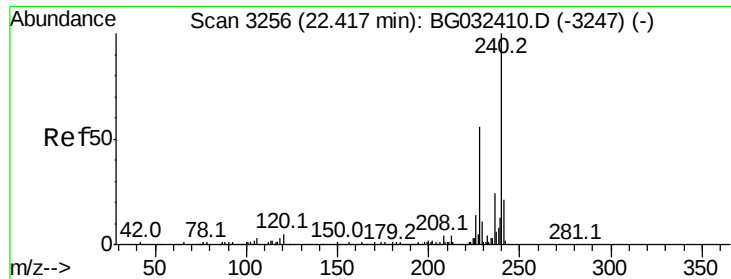
Ion Ratio Lower Upper

202 100

101 4.6 0.0 28.9

203 16.8 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

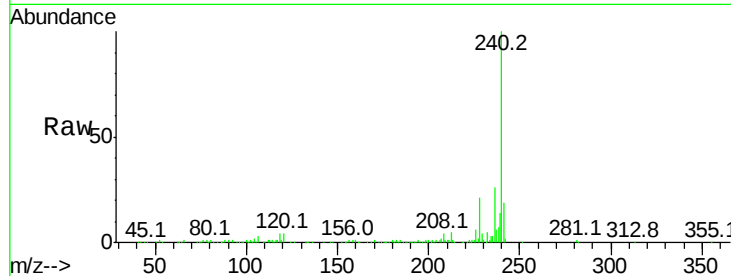
Tot Ion:240 Resp: 199129

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

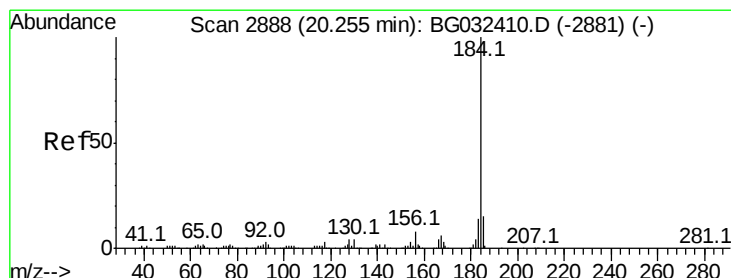
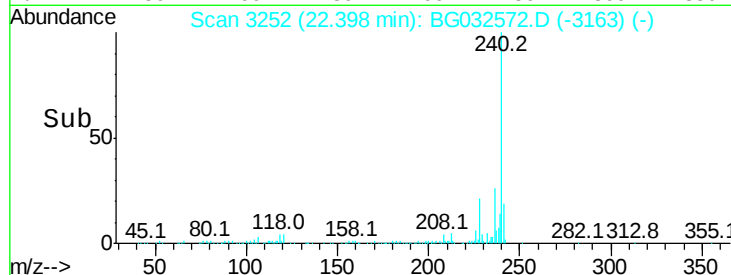
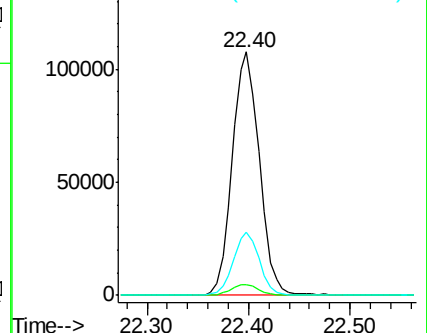
236 25.7 20.9 31.3



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: 3.876 ng

RT: 20.25 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

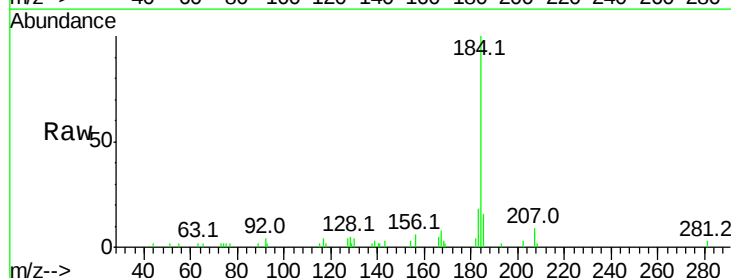
Tgt Ion:184 Resp: 15157

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

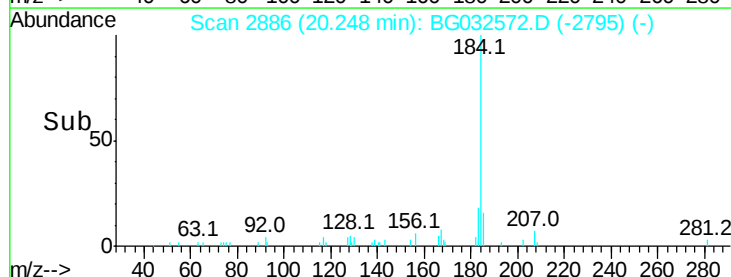
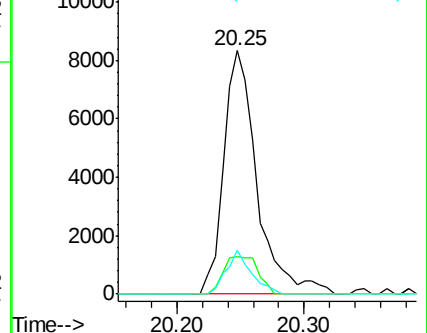
183 17.9 10.6 16.0#

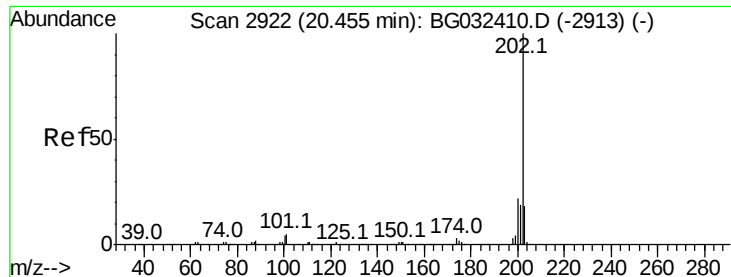


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 14.585 ng

RT: 20.44 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

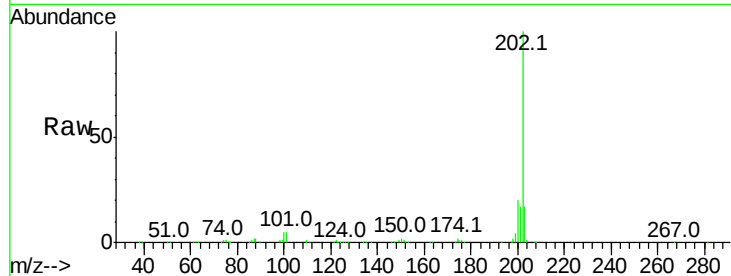
Tot Ion:202 Resp: 178129

Ion Ratio Lower Upper

202 100

200 19.7 16.9 25.3

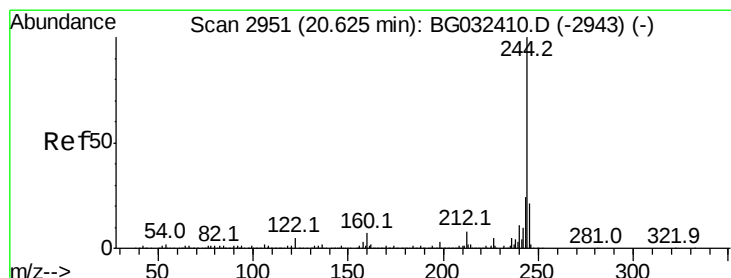
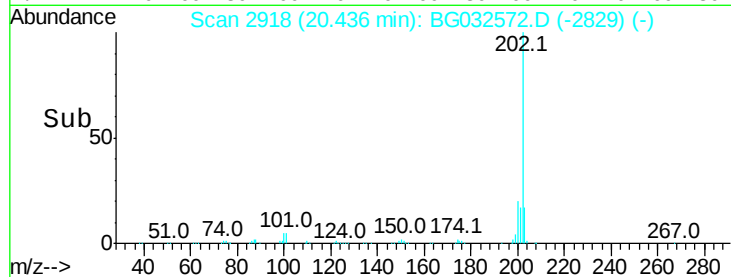
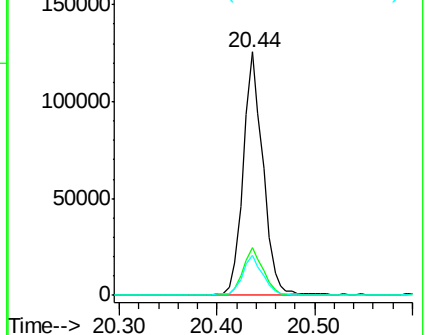
203 16.7 13.9 20.9



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: 87.406 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

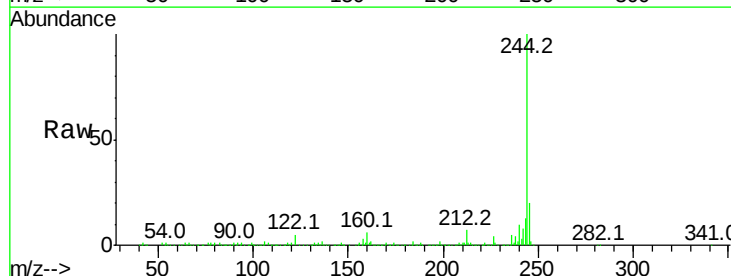
Tgt Ion:244 Resp: 812535

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

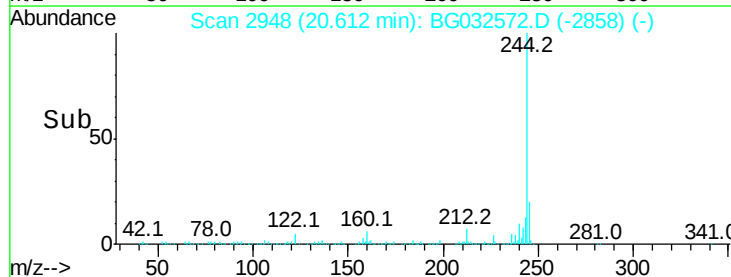
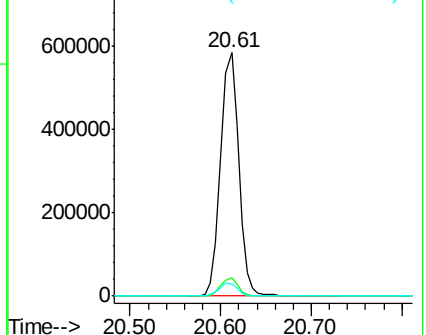
122 5.0 7.0 10.4#

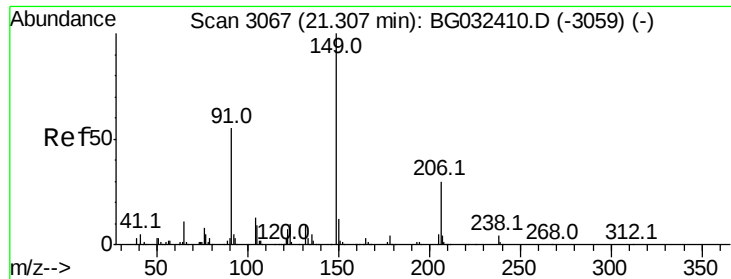


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

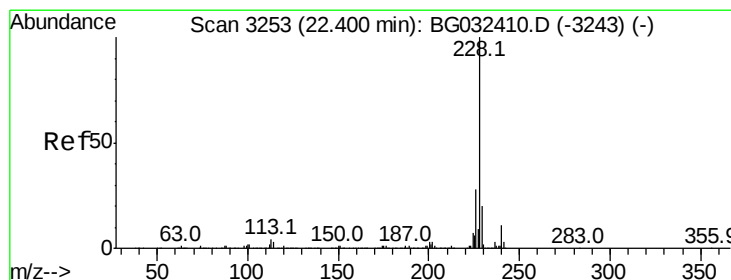
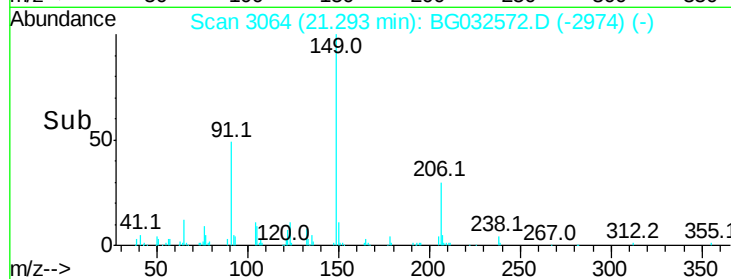
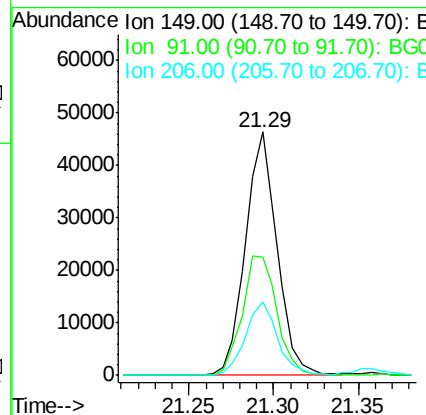
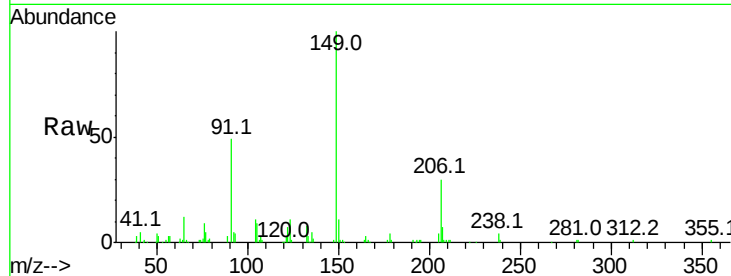




#79
Butylbenzylphthalate
Concen: 15.711 ng
RT: 21.29 min Scan# 3064
Delta R.T. -0.00 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

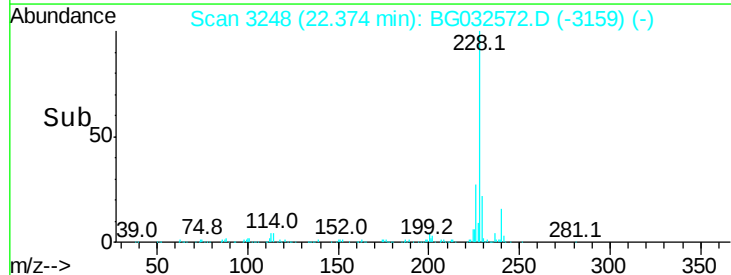
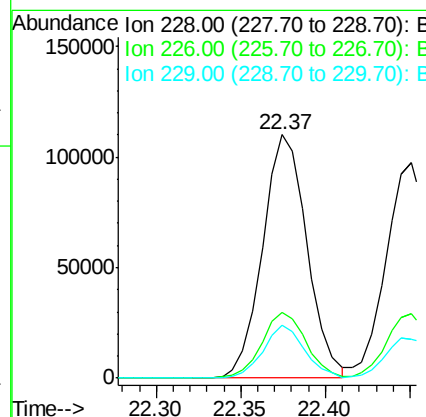
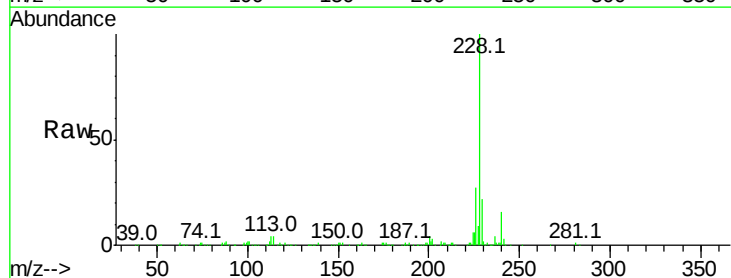
Instrument :
BNA_G
ClientSampleId :

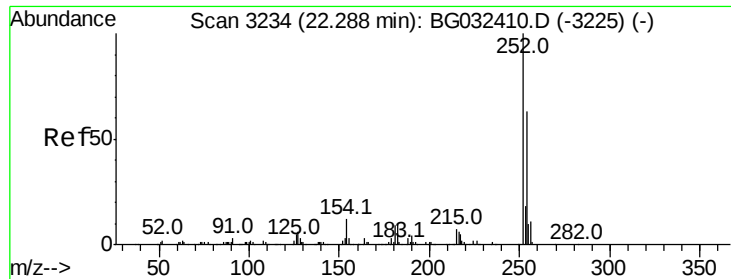
Tot Ion:149 Resp: 60523
Ion Ratio Lower Upper
149 100
91 48.7 62.2 93.2#
206 30.2 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 16.274 ng
RT: 22.37 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Tgt Ion:228 Resp: 200899
Ion Ratio Lower Upper
228 100
226 27.2 22.7 34.1
229 21.9 16.2 24.2

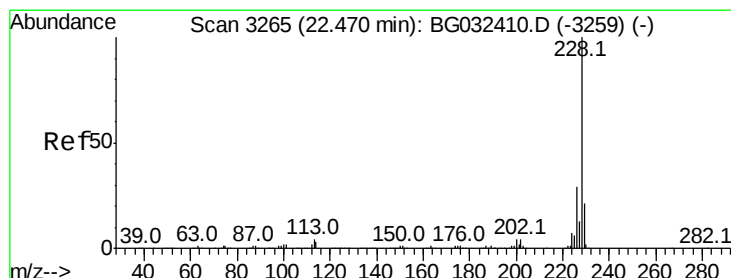
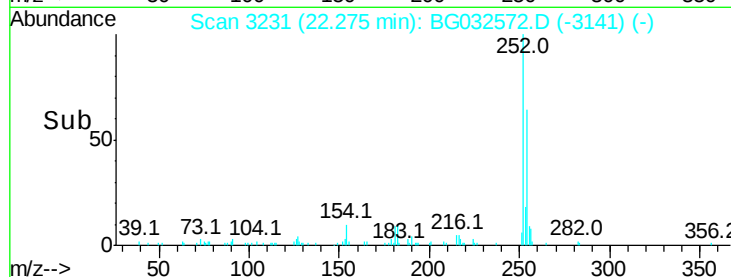
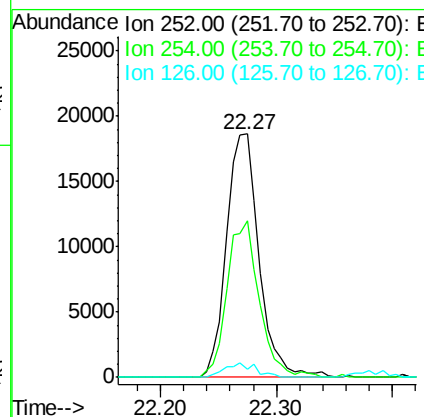
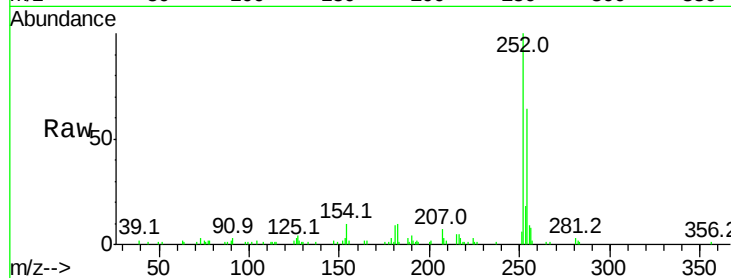




#81
 3,3'-Dichlorobenzidine
 Concen: 7.632 ng
 RT: 22.27 min Scan# 3231
 Delta R.T. -0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

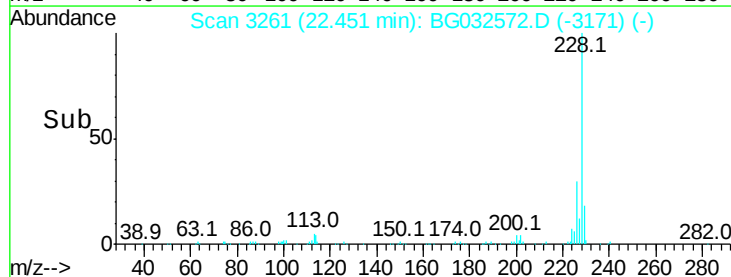
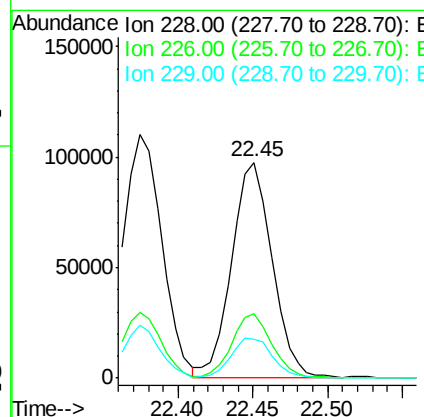
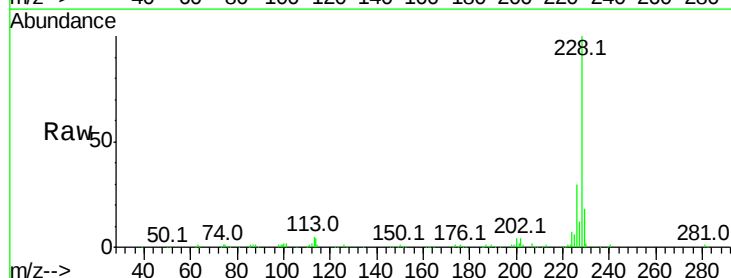
Instrument :
 BNA_G
 ClientSampleId :

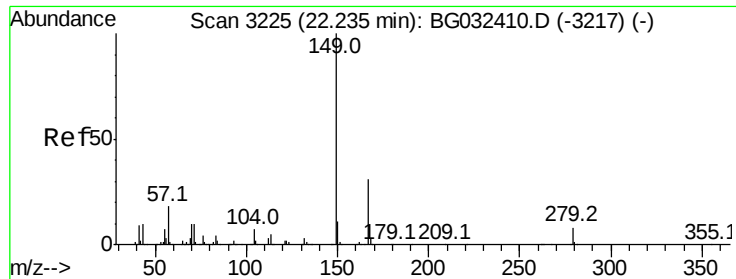
Tot Ion:252 Resp: 36504
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.8 76.2
 126 3.3 7.4 11.2#



#82
 Chrysene
 Concen: 15.401 ng
 RT: 22.45 min Scan# 3261
 Delta R.T. -0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Tgt Ion:228 Resp: 183608
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.9 37.3
 229 18.1 15.0 22.4

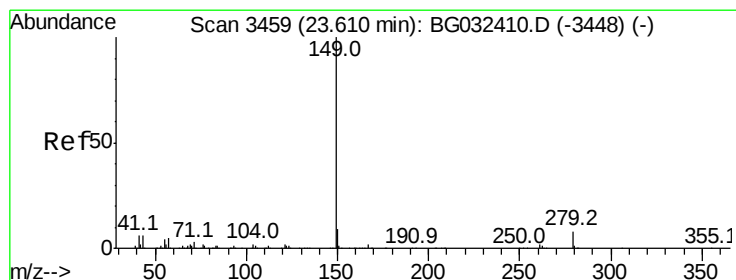
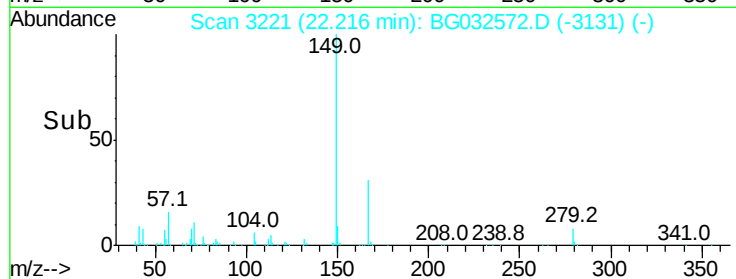
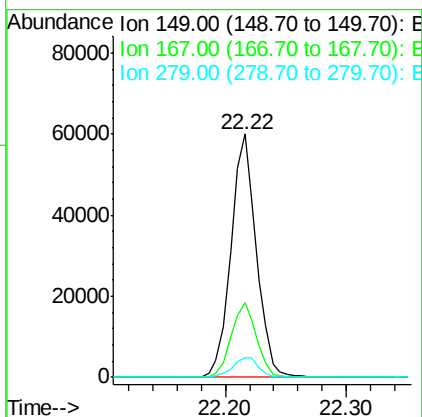
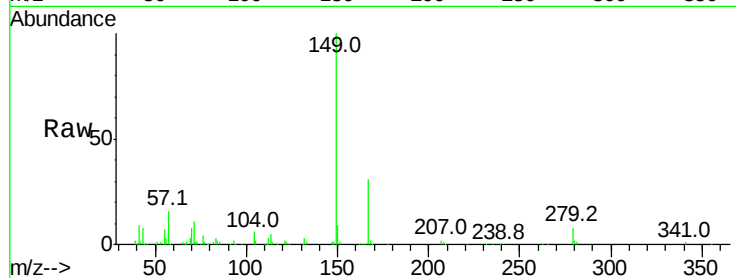




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.058 ng
 RT: 22.22 min Scan# 3221
 Delta R.T. -0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

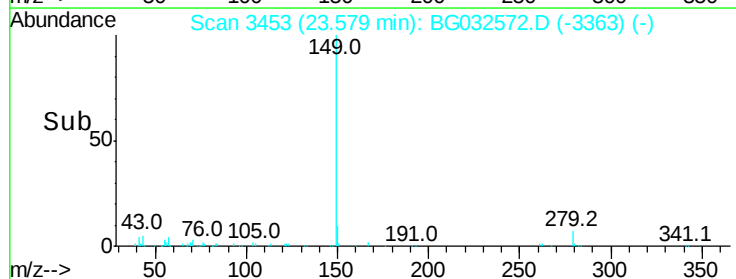
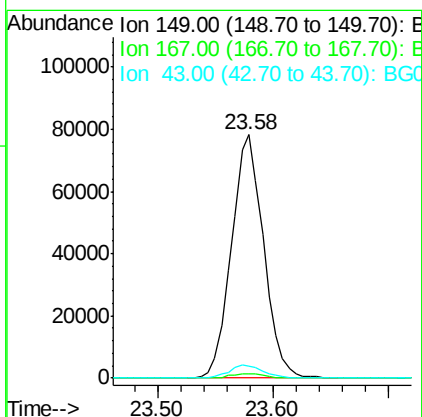
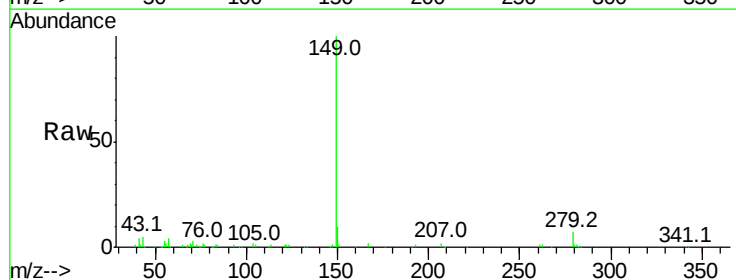
Instrument :
 BNA_G
 ClientSampleId :

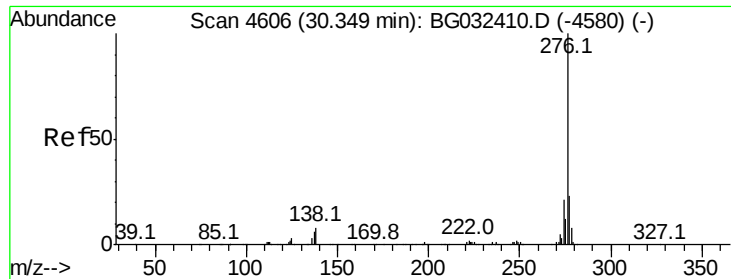
Tot Ion:149 Resp: 87713
 Ion Ratio Lower Upper
 149 100
 167 30.7 24.3 36.5
 279 8.0 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 17.345 ng
 RT: 23.58 min Scan# 3453
 Delta R.T. -0.00 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Tgt Ion:149 Resp: 150276
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 5.7 8.9 13.3#

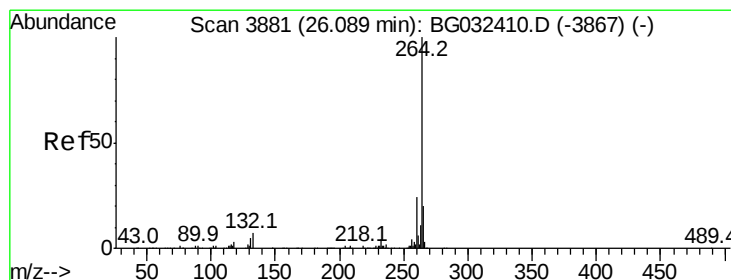
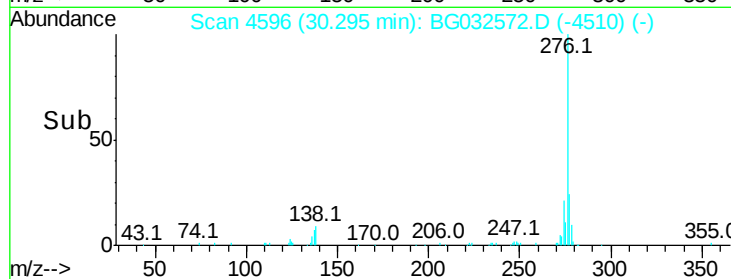
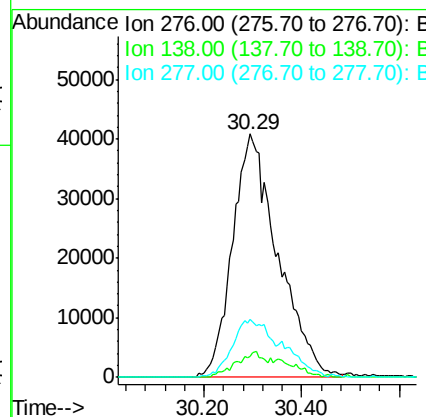
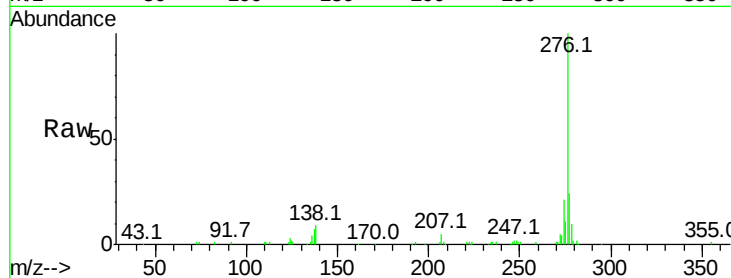




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 17.439 ng
 RT: 30.29 min Scan# 4596
 Delta R.T. -0.03 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

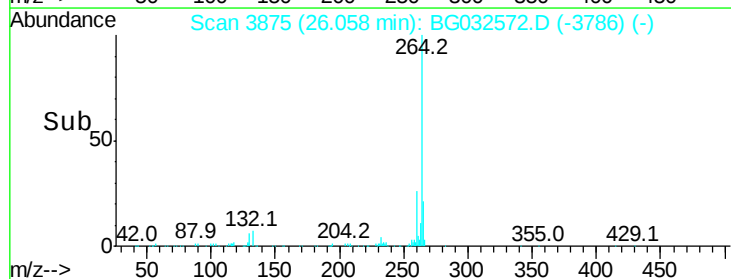
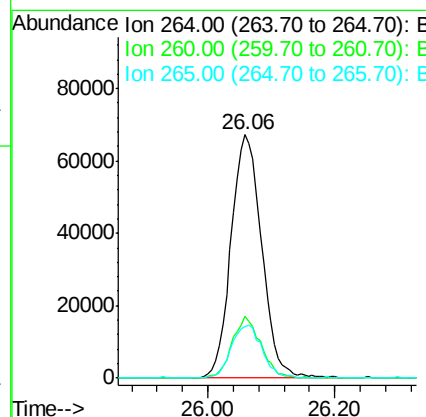
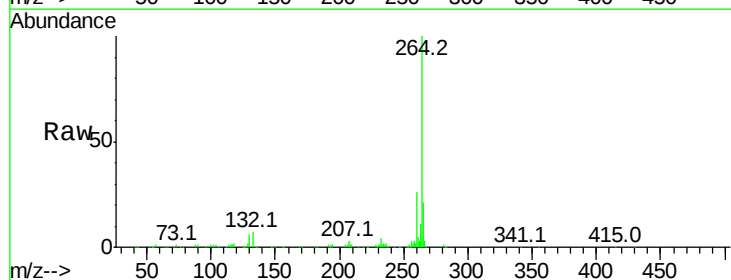
Instrument :
 BNA_G
 ClientSampleId :

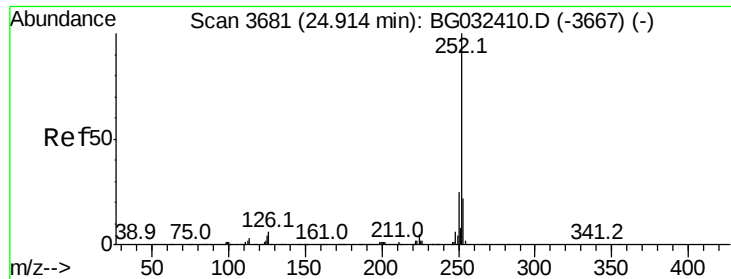
Tot Ion	Ratio	Lower	Upper
276	100		
138	6.4	16.0	24.0#
277	19.9	20.0	30.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.06 min Scan# 3875
 Delta R.T. -0.01 min
 Lab File: BG032572.D
 Acq: 6 Feb 2018 19:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	17.4	26.0
265	21.3	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 15.870 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

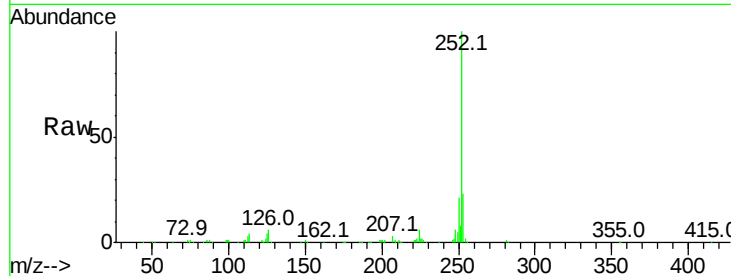
Tot Ion:252 Resp: 215913

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.4

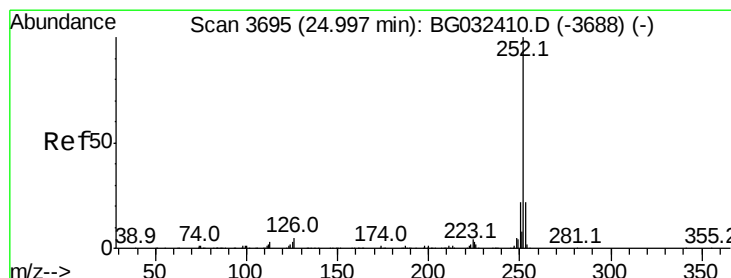
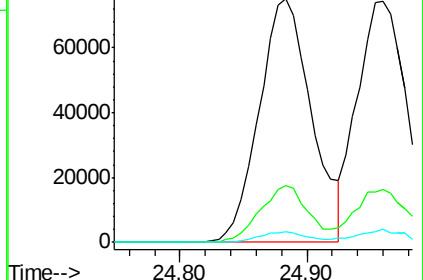
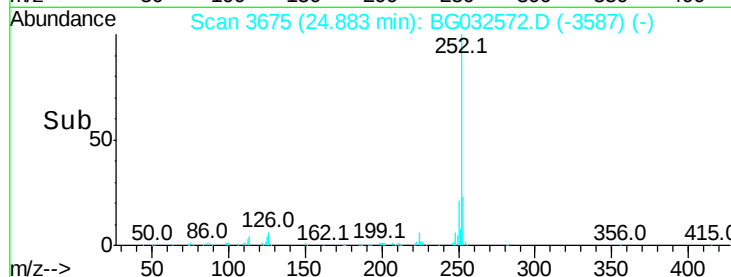
125 4.3 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 15.417 ng

RT: 24.96 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

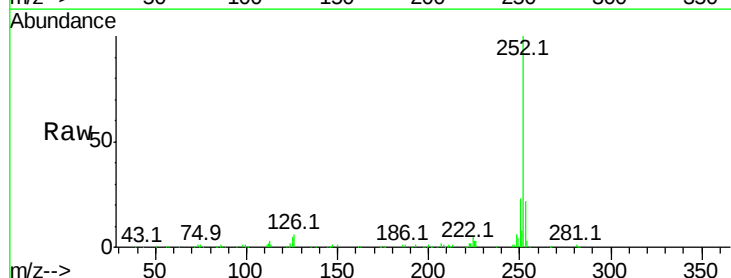
Tgt Ion:252 Resp: 207789

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

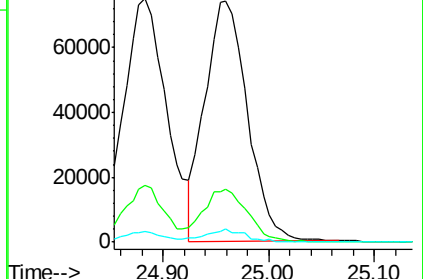
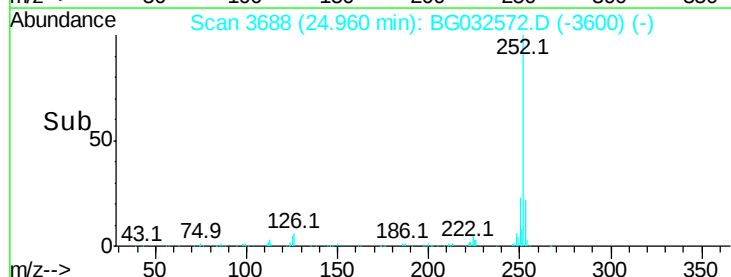
125 5.2 6.6 9.8#

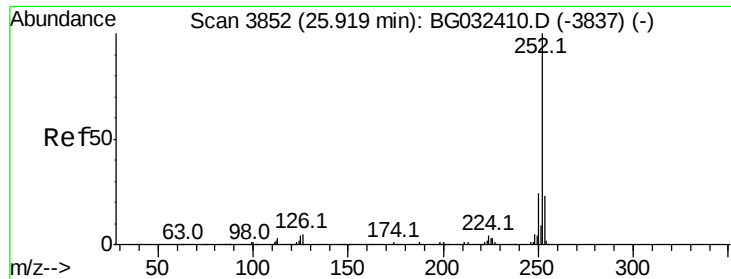


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

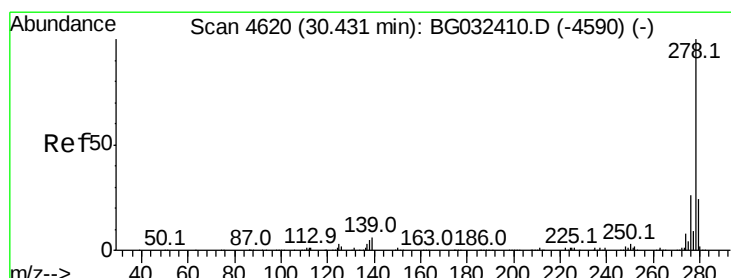
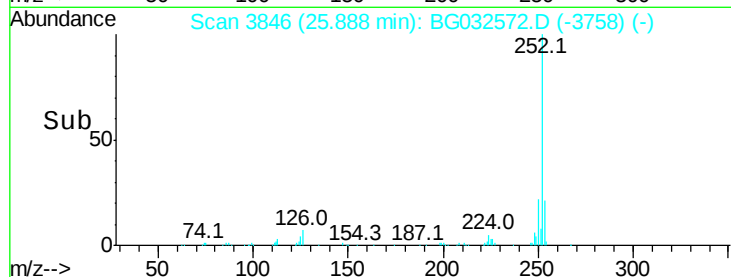
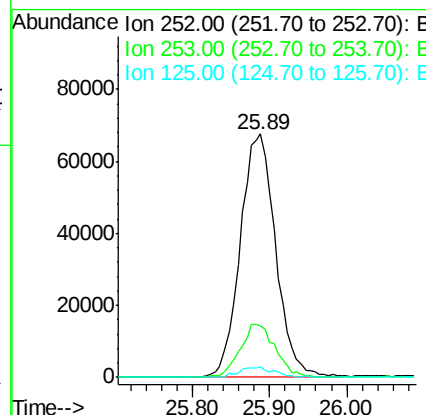
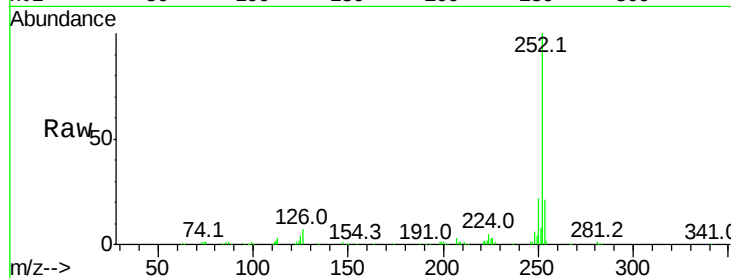




#89
Benzo(a)pyrene
Concen: 16.753 ng
RT: 25.89 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

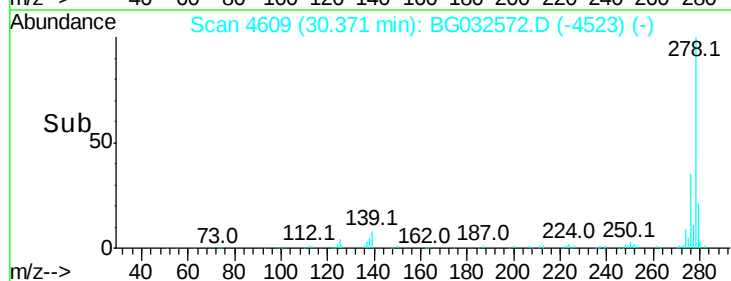
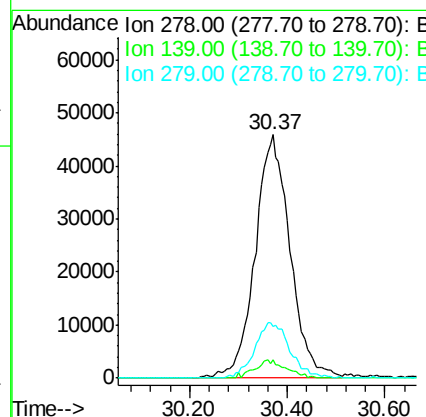
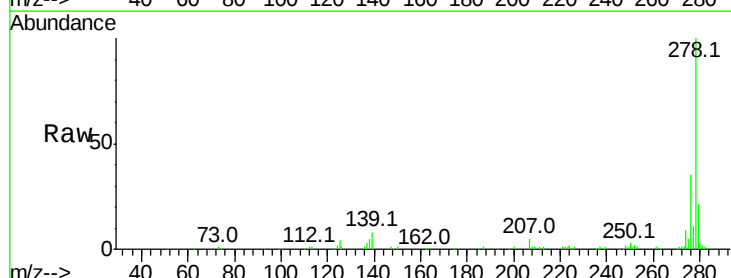
Instrument :
BNA_G
ClientSampleId :

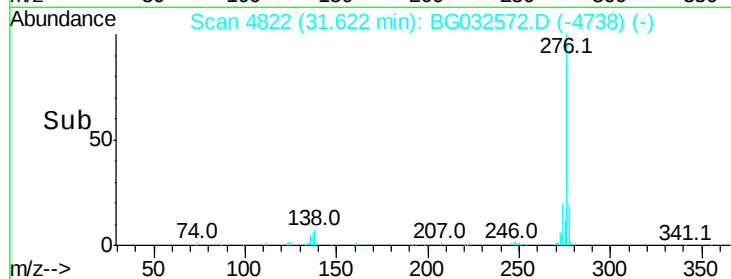
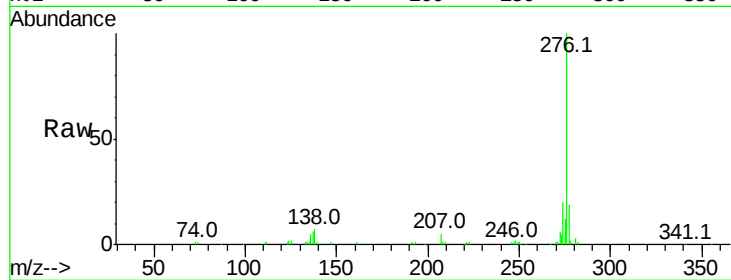
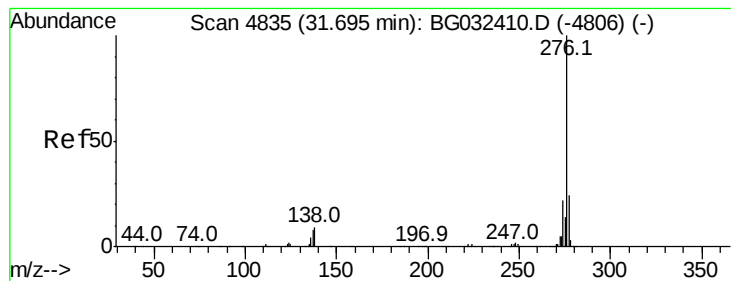
Tot Ion:252 Resp: 217293
Ion Ratio Lower Upper
252 100
253 21.4 18.3 27.5
125 4.4 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 17.235 ng
RT: 30.37 min Scan# 4609
Delta R.T. -0.03 min
Lab File: BG032572.D
Acq: 6 Feb 2018 19:03

Tgt Ion:278 Resp: 228679
Ion Ratio Lower Upper
278 100
139 7.6 9.8 14.6#
279 21.0 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 16.646 ng

RT: 31.62 min Scan# 4822

Delta R.T. -0.04 min

Lab File: BG032572.D

Acq: 6 Feb 2018 19:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 219230

Ion Ratio Lower Upper

276 100

277 19.3 18.3 27.5

138 7.3 13.9 20.9#

