

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032950.D
 Acq On : 2 Mar 2018 17:54
 Operator : SJ/JU
 Sample : J1751-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 23:32:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	63372	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	276312	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	163003	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	365357	20.00	ng	0.00
75) Chrysene-d12	22.62	240	329310	20.00	ng	0.00
86) Perylene-d12	26.43	264	348620	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	586405	148.04	ng	0.00
7) Phenol-d6	8.02	99	733147	132.79	ng	0.00
23) Nitrobenzene-d5	10.12	82	500354	120.92	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	283461	165.39	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1064122	94.15	ng	0.00
78) Terphenyl-d14	20.78	244	1507099	102.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.98	88	71766	41.746	ng	91
3) Pyridine	4.44	79	162634	34.324	ng	96
4) n-Nitrosodimethylamine	4.34	42	113819	59.915	ng	# 88
6) Aniline	8.21	93	145643	19.488	ng	95
8) 2-Chlorophenol	8.47	128	229692	52.977	ng	94
9) Benzaldehyde	8.01	77	91182	28.654	ng	94
10) Phenol	8.04	94	263162	47.283	ng	94
11) bis(2-Chloroethyl)ether	8.30	93	215770	47.411	ng	95
12) 1,3-Dichlorobenzene	8.81	146	232775	45.838	ng	98
13) 1,4-Dichlorobenzene	8.95	146	234746	45.924	ng	98
14) 1,2-Dichlorobenzene	9.29	146	223929	45.715	ng	97
15) Benzyl Alcohol	9.15	79	207488	51.118	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.45	45	387589	49.540	ng	99
17) 2-Methylphenol	9.35	107	201471	49.089	ng	97
18) Hexachloroethane	10.05	117	87245	50.129	ng	# 85
19) n-Nitroso-di-n-propylamine	9.73	70	181524	46.570	ng	# 92
20) 3+4-Methylphenols	9.68	107	270660	47.430	ng	94
22) Acetophenone	9.76	105	331634	47.524	ng	# 97
24) Nitrobenzene	10.16	77	253773	56.316	ng	91
25) Isophorone	10.69	82	498879	51.439	ng	# 94
26) 2-Nitrophenol	10.89	139	121927	68.174	ng	93
27) 2,4-Dimethylphenol	10.92	122	247729	58.800	ng	90
28) bis(2-Chloroethoxy)methane	11.16	93	296801	52.532	ng	96
29) 2,4-Dichlorophenol	11.43	162	218301	57.090	ng	96
30) 1,2,4-Trichlorobenzene	11.66	180	212448	47.397	ng	97
31) Naphthalene	11.85	128	843390	58.413	ng	99
32) Benzoic acid	11.03	122	137716	51.010	ng	# 82
33) 4-Chloroaniline	11.94	127	82784	12.823	ng	94
34) Hexachlorobutadiene	12.12	225	112680	44.818	ng	94
35) Caprolactam	12.69	113	74126	48.414	ng	98
36) 4-Chloro-3-methylphenol	13.01	107	264147	59.362	ng	94
37) 2-Methylnaphthalene	13.41	142	539984	51.694	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	217597	44.969	ng	# 96
40) Hexachlorocyclopentadiene	13.73	237	259823	105.361	ng	92

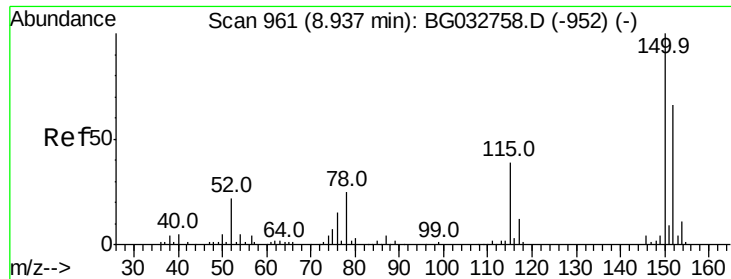
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032950.D
 Acq On : 2 Mar 2018 17:54
 Operator : SJ/JU
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Quant Time: Mar 02 23:32:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	170956	56.023	nq	99
43) 2,4,5-Trichlorophenol	14.05	196	189517	53.661	nq	# 96
45) 1,1'-Biphenyl	14.38	154	664294	46.637	nq	97
46) 2-Chloronaphthalene	14.43	162	500323	47.022	nq	97
47) 2-Nitroaniline	14.61	65	184860	64.610	nq	93
48) Acenaphthylene	15.27	152	830839	47.694	nq	96
49) Dimethylphthalate	14.96	163	673501	48.662	nq	99
50) 2,6-Dinitrotoluene	15.09	165	151691	62.840	nq	89
51) Acenaphthene	15.60	154	565288	52.105	nq	97
52) 3-Nitroaniline	15.41	138	83558	32.394	nq	# 86
53) 2,4-Dinitrophenol	15.61	184	111457	126.305	nq	# 41
54) Dibenzofuran	15.93	168	776458	50.263	nq	93
55) 4-Nitrophenol	15.69	139	234007	101.190	nq	84
56) 2,4-Dinitrotoluene	15.87	165	216568	71.202	nq	# 81
57) Fluorene	16.57	166	634013	49.726	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.06	232	161497	58.896	nq	95
59) Diethylphthalate	16.30	149	722544	49.496	nq	99
60) 4-Chlorophenyl-phenylether	16.54	204	313780	50.308	nq	91
61) 4-Nitroaniline	16.57	138	160305	52.894	nq	84
62) Azobenzene	16.84	77	660650	50.587	nq	96
64) 4,6-Dinitro-2-methylphenol	16.62	198	90636	71.349	nq	95
65) n-Nitrosodiphenylamine	16.75	169	592193	49.824	nq	98
66) 4-Bromophenyl-phenylether	17.44	248	187011	48.408	nq	# 86
67) Hexachlorobenzene	17.56	284	195094	46.731	nq	# 92
68) Atrazine	17.67	200	203596	52.040	nq	95
69) Pentachlorophenol	17.90	266	257577	97.950	nq	99
70) Phenanthrene	18.31	178	1014231	49.758	nq	97
71) Anthracene	18.39	178	1027626	50.217	nq	98
72) Carbazole	18.65	167	962239	47.705	nq	97
73) Di-n-butylphthalate	19.15	149	1208748	48.848	nq	99
74) Fluoranthene	20.26	202	1112454	49.407	nq	92
76) Benzidine	20.41	184	118863	10.589	nq	98
77) Pyrene	20.61	202	1116890	48.094	nq	95
79) Butylbenzylphthalate	21.48	149	566427	55.012	nq	93
80) Benzo(a)anthracene	22.60	228	1063460	50.360	nq	100
81) 3,3'-Dichlorobenzidine	22.48	252	201173	25.722	nq	# 99
82) Chrysene	22.68	228	990393	49.097	nq	97
83) Bis(2-ethylhexyl)phthalate	22.43	149	802972	52.685	nq	# 96
84) Di-n-octyl phthalate	23.85	149	1370609	58.999	nq	100
85) Indeno(1,2,3-cd)pyrene	30.86	276	1132975	48.160	nq	97
87) Benzo(b)fluoranthene	25.21	252	1069670	51.893	nq	# 97
88) Benzo(k)fluoranthene	25.29	252	1036847	50.613	nq	# 95
89) Benzo(a)pyrene	26.25	252	1031046	52.589	nq	# 96
90) Dibenzo(a,h)anthracene	30.95	278	909772	46.101	nq	# 93
91) Benzo(g,h,i)perylene	32.26	276	933701	47.996	nq	# 92

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

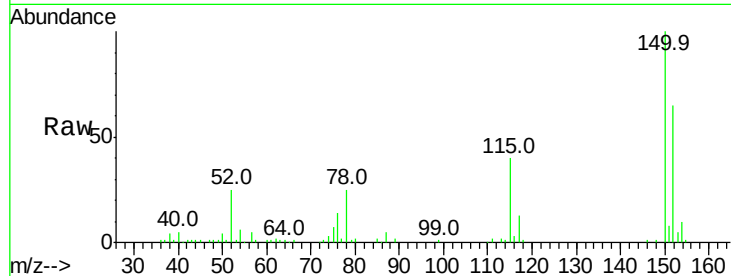


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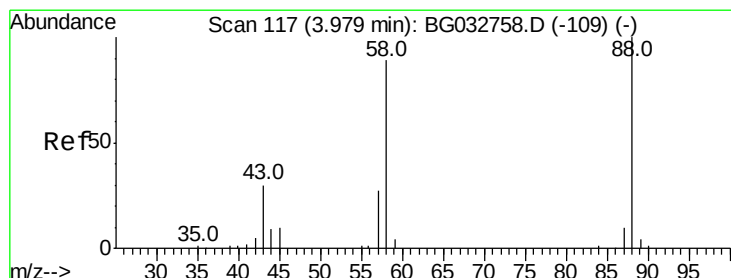
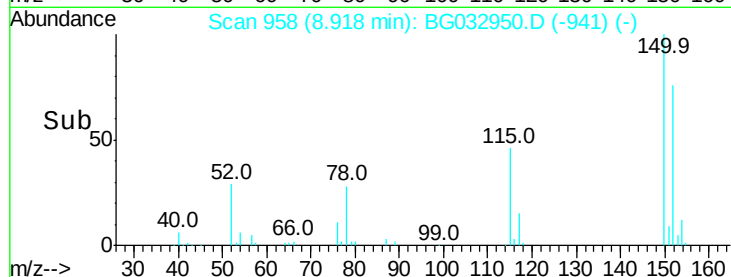
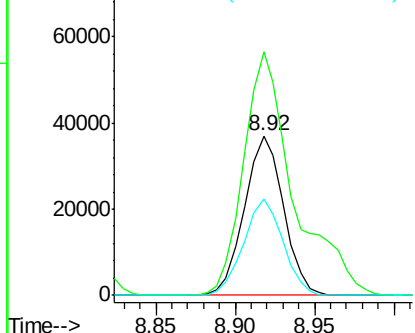
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63372
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 60.9 53.0 79.4



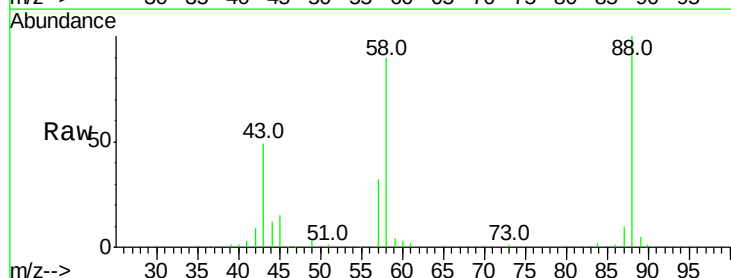
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



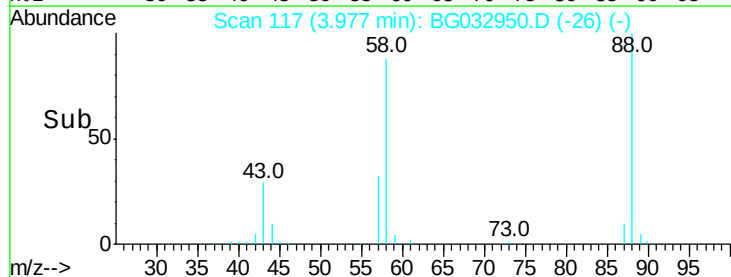
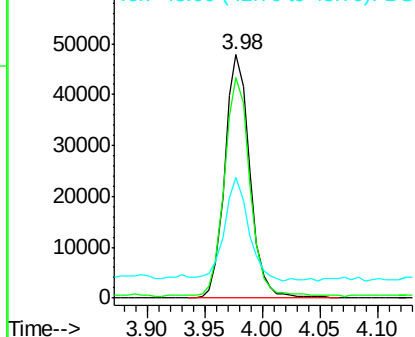
#2

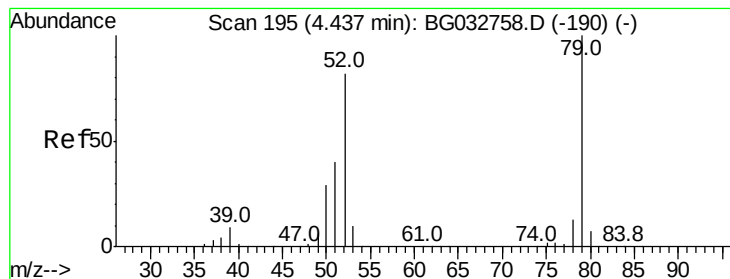
1,4-Dioxane
Concen: 41.746 ng
RT: 3.98 min Scan# 117
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion: 88 Resp: 71766
Ion Ratio Lower Upper
88 100
58 91.9 79.6 119.4
43 40.8 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: 34.324 ng

RT: 4.44 min Scan# 196

Delta R.T. 0.01 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

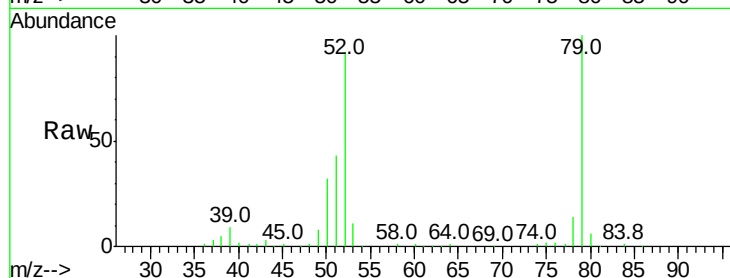
Tot Ion: 79 Resp: 162634

Ion Ratio Lower Upper

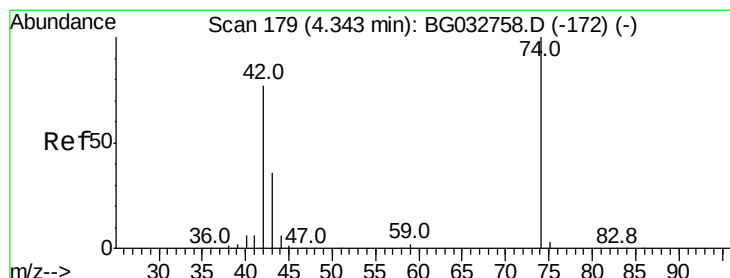
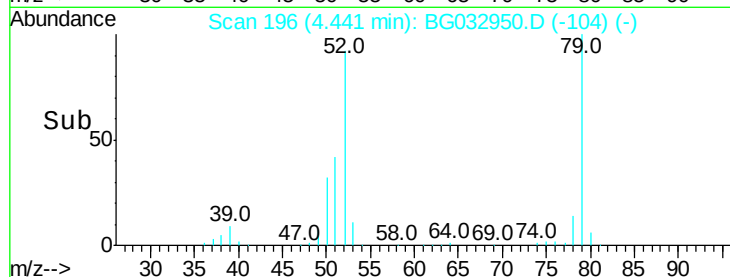
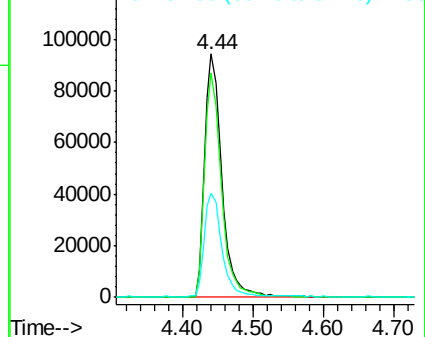
79 100

52 92.3 69.9 104.9

51 42.9 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: 59.915 ng

RT: 4.34 min Scan# 178

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

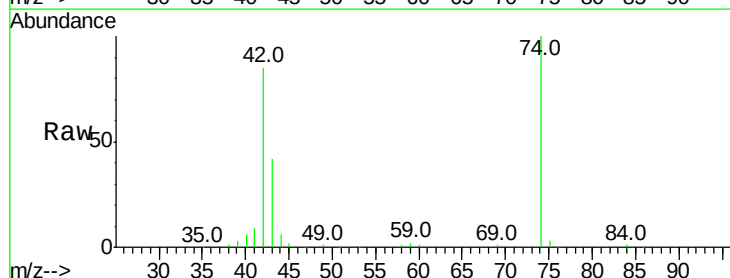
Tgt Ion: 42 Resp: 113819

Ion Ratio Lower Upper

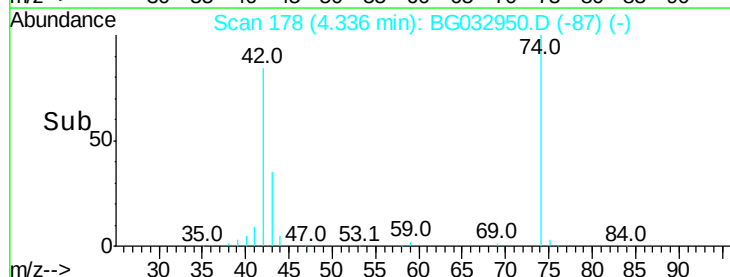
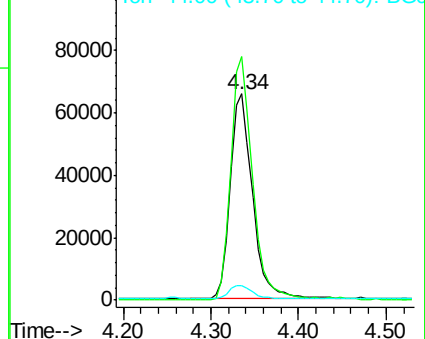
42 100

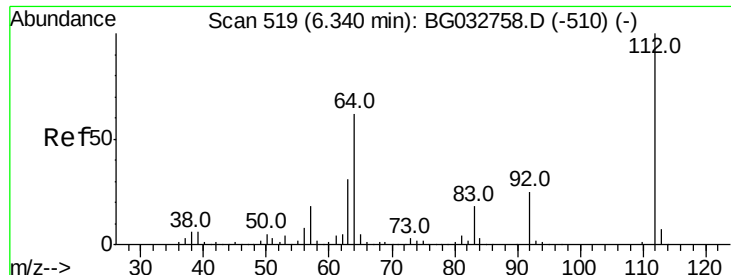
74 118.2 102.5 153.7

44 7.2 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 148.041 ng

RT: 6.33 min Scan# 518

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

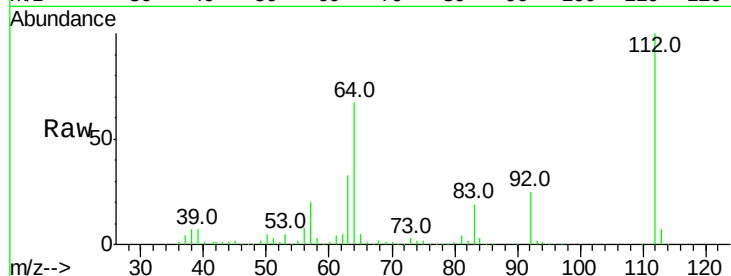
Tot Ion:112 Resp: 586405

Ion Ratio Lower Upper

112 100

64 66.6 56.3 84.5

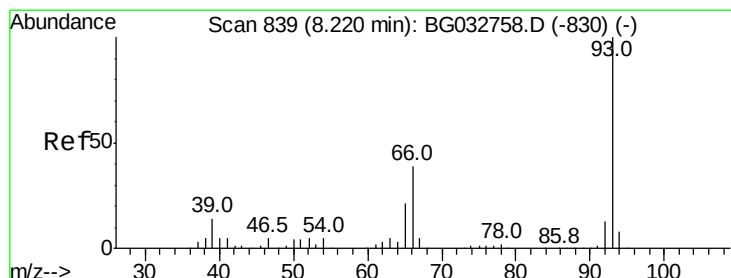
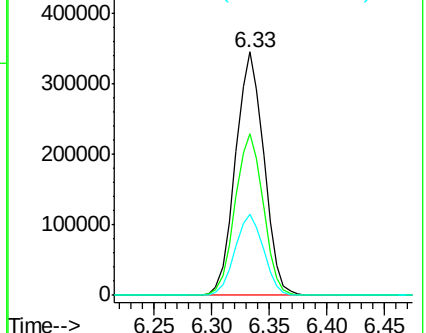
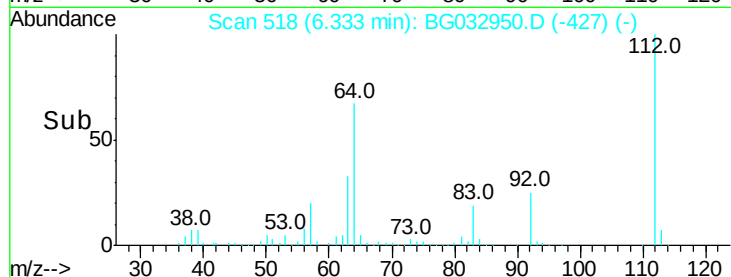
63 33.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.488 ng

RT: 8.21 min Scan# 837

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

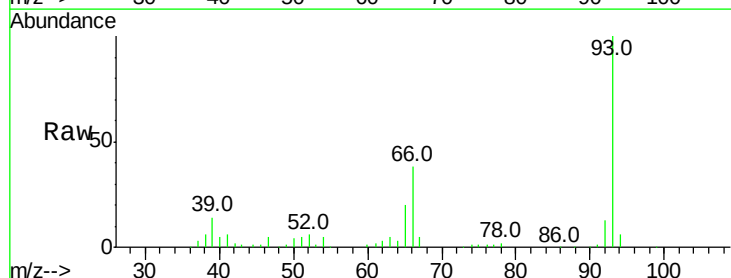
Tgt Ion: 93 Resp: 145643

Ion Ratio Lower Upper

93 100

66 37.8 33.7 50.5

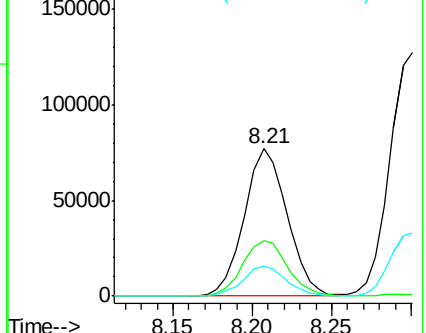
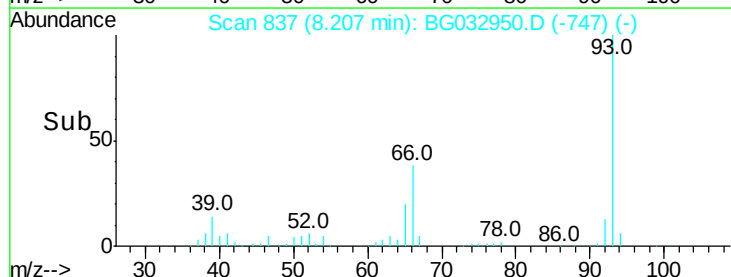
65 20.2 16.1 24.1

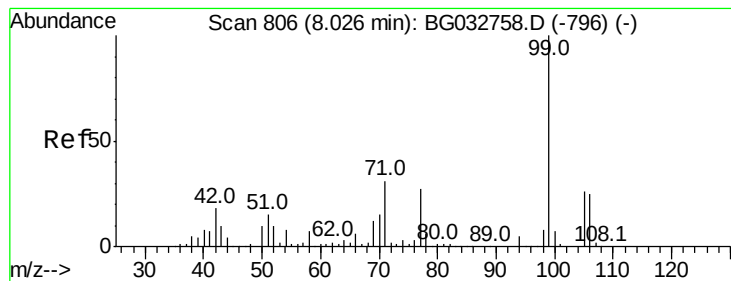


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.787 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

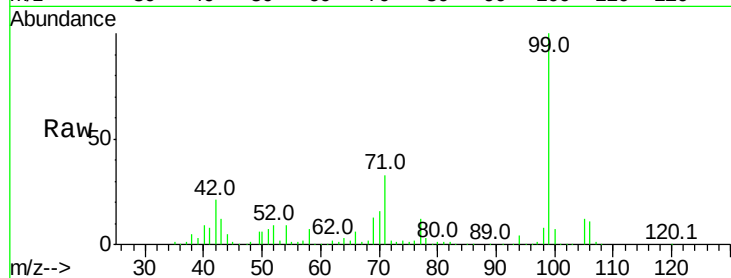
Tot Ion: 99 Resp: 733147

Ion Ratio Lower Upper

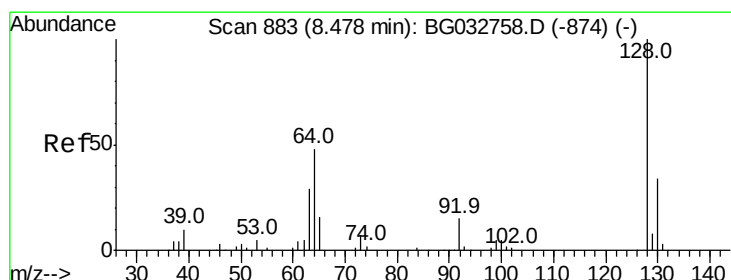
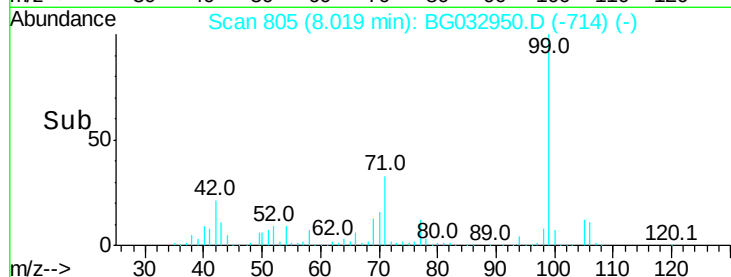
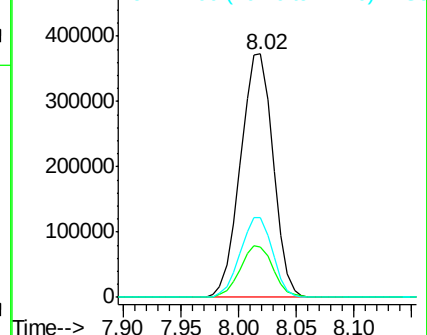
99 100

42 20.8 14.1 21.1

71 32.8 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: 52.977 ng

RT: 8.47 min Scan# 881

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

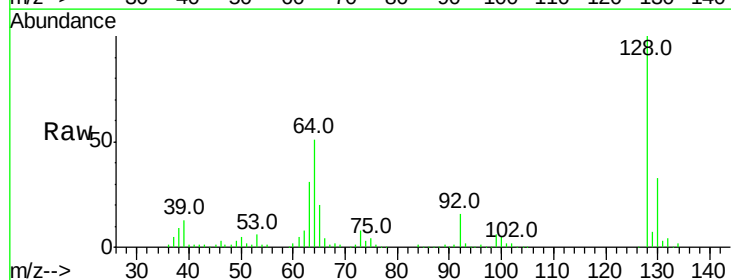
Tgt Ion: 128 Resp: 229692

Ion Ratio Lower Upper

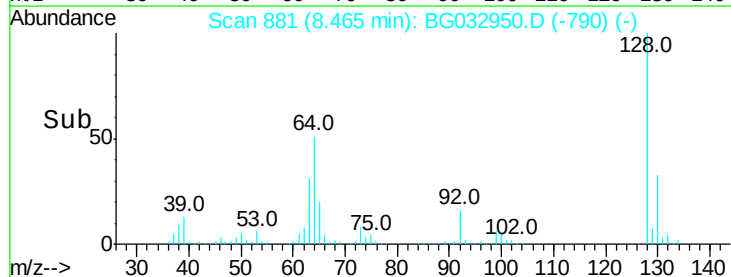
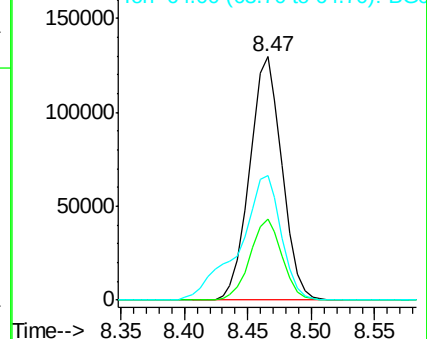
128 100

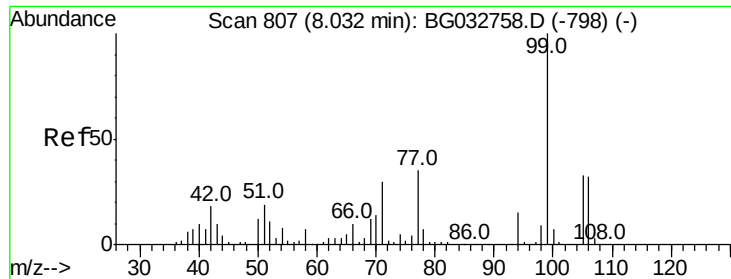
130 33.3 14.0 54.0

64 51.4 37.7 77.7



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





#9

Benzaldehyde

Concen: 28.654 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

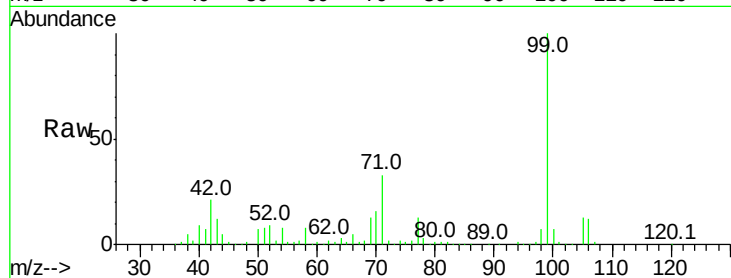
Tot Ion: 77 Resp: 91182

Ion Ratio Lower Upper

77 100

105 96.9 71.3 111.3

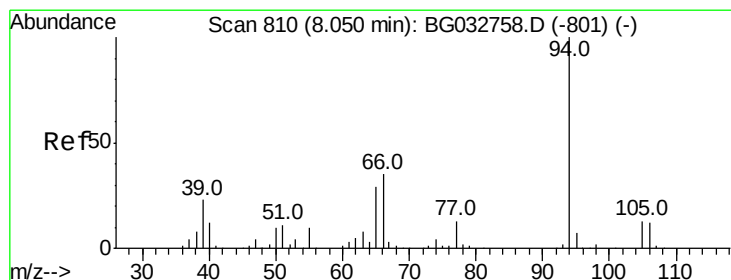
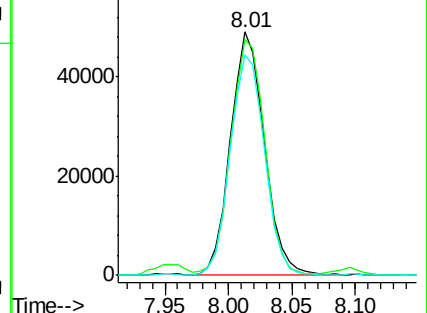
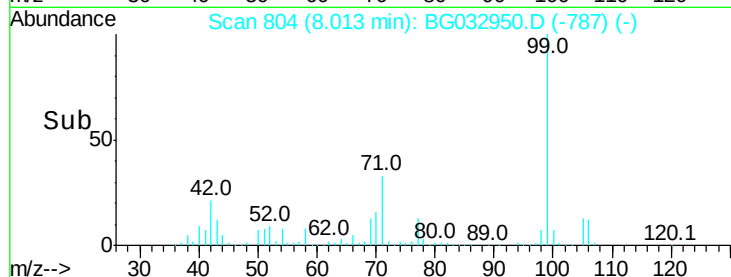
106 90.6 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.283 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

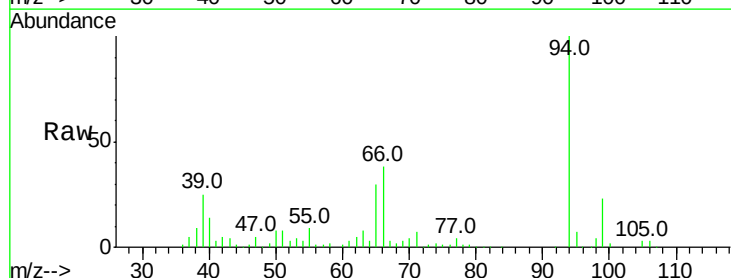
Tgt Ion: 94 Resp: 263162

Ion Ratio Lower Upper

94 100

65 29.9 11.9 51.9

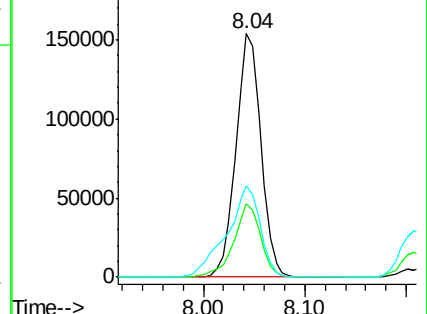
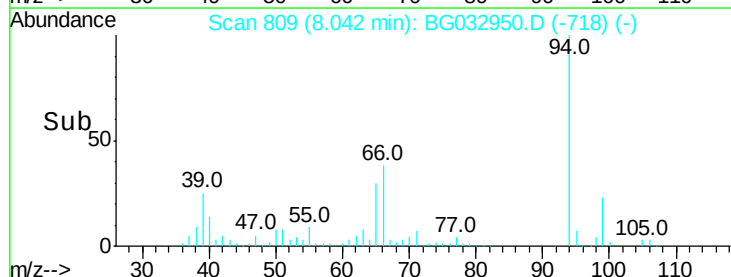
66 37.6 22.2 62.2

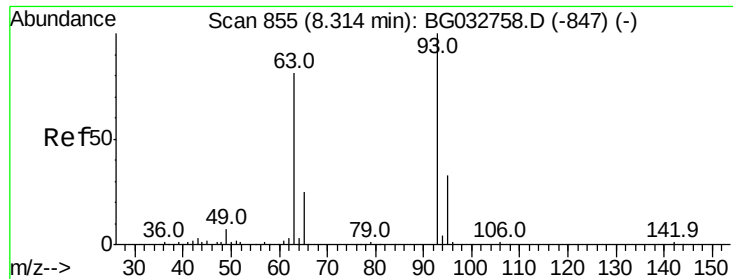


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 47.411 ng

RT: 8.30 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

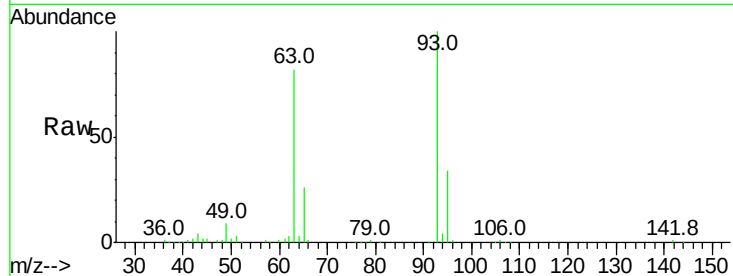
Tot Ion: 93 Resp: 215770

Ion Ratio Lower Upper

93 100

63 82.2 67.1 107.1

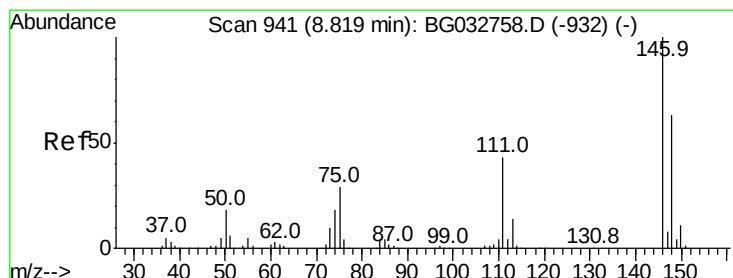
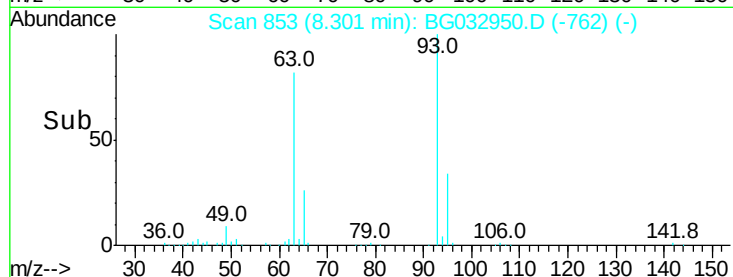
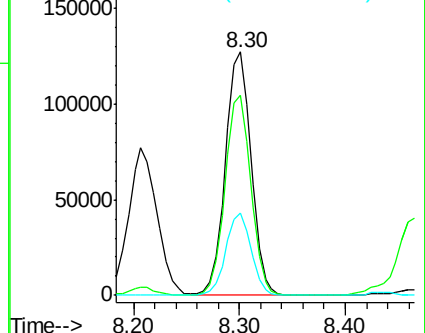
95 33.8 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 45.838 ng

RT: 8.81 min Scan# 939

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

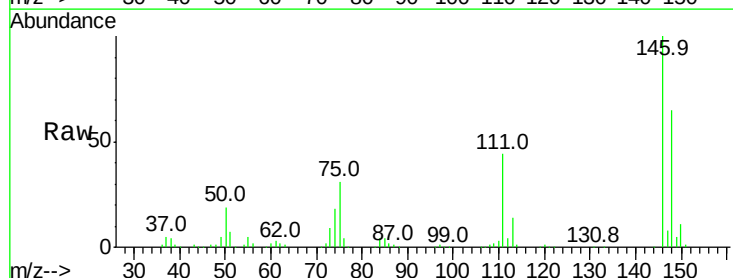
Tgt Ion: 146 Resp: 232775

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.2

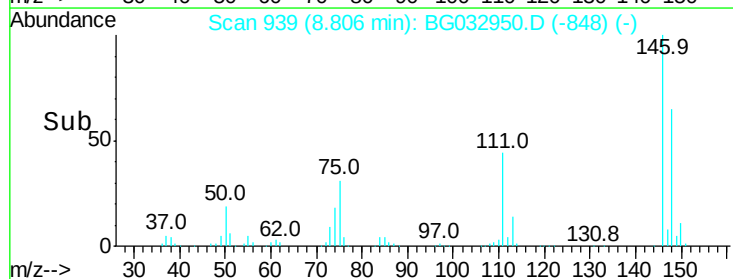
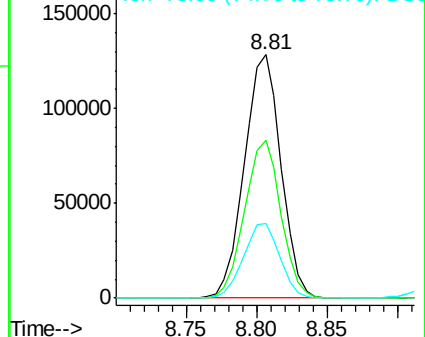
75 30.7 26.6 39.8

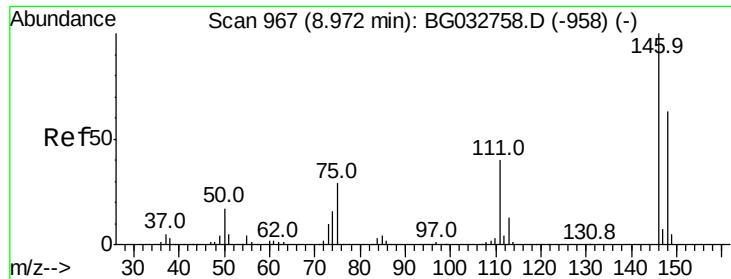


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

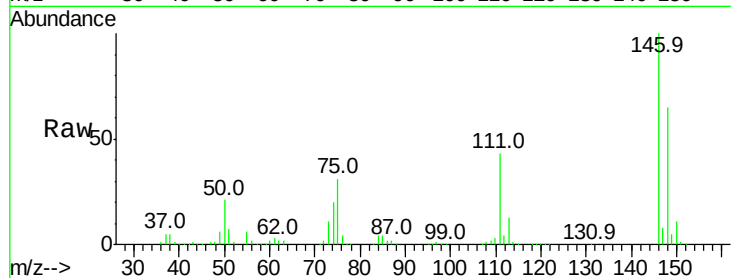




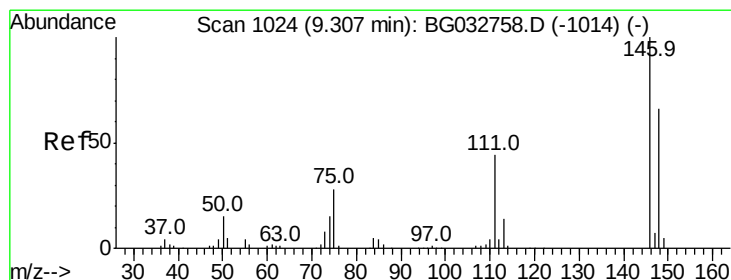
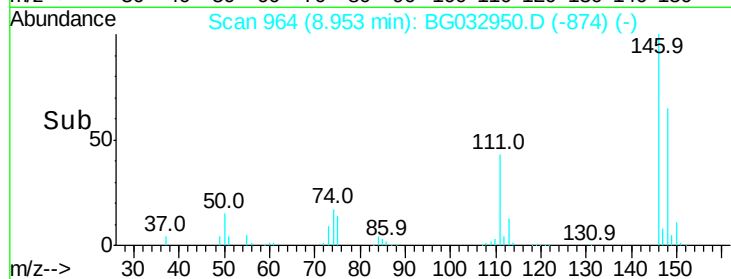
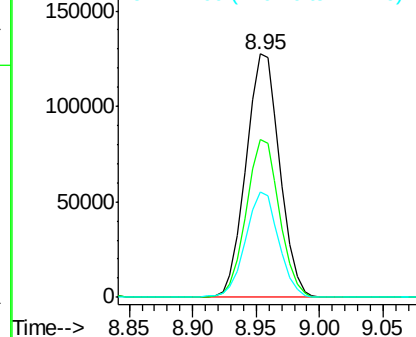
#13
 1,4-Dichlorobenzene
 Concen: 45.924 ng
 RT: 8.95 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 234746
 Ion Ratio Lower Upper
 146 100
 148 64.7 53.7 80.5
 111 43.2 35.2 52.8

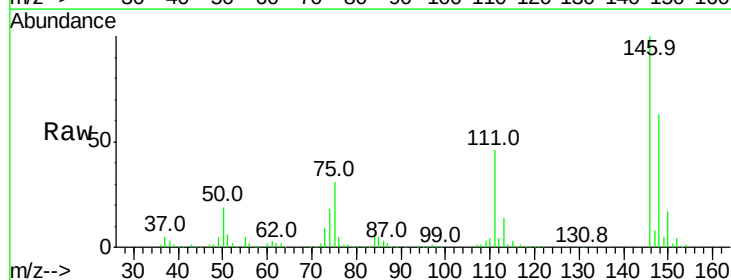


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

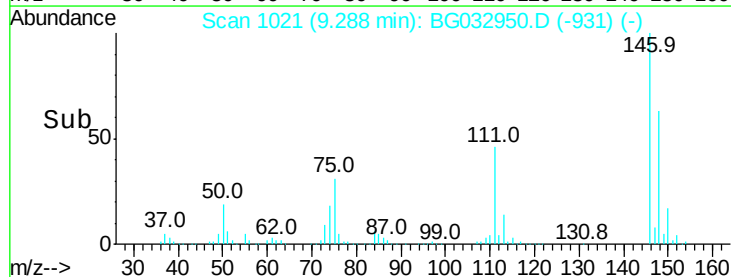
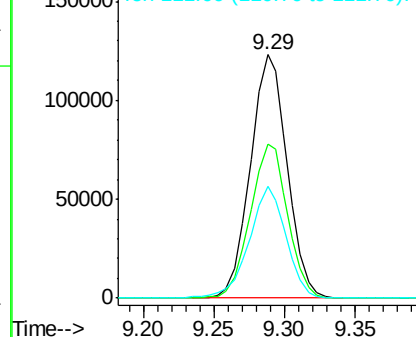


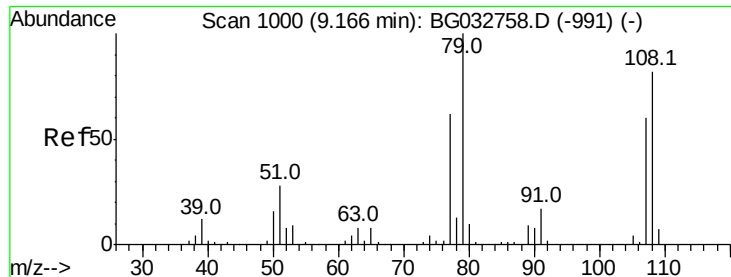
#14
 1,2-Dichlorobenzene
 Concen: 45.715 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion:146 Resp: 223929
 Ion Ratio Lower Upper
 146 100
 148 63.2 49.3 73.9
 111 45.8 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

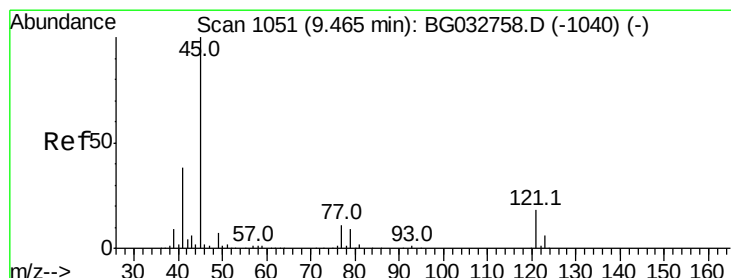
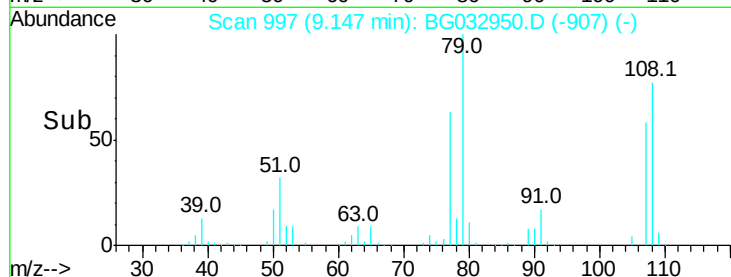
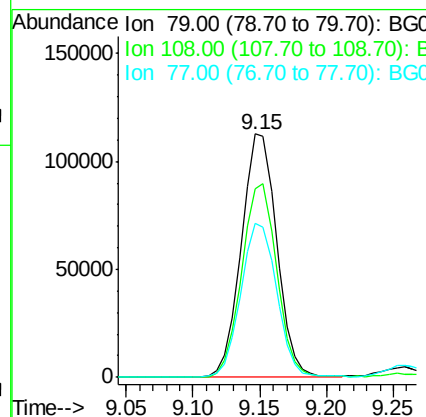
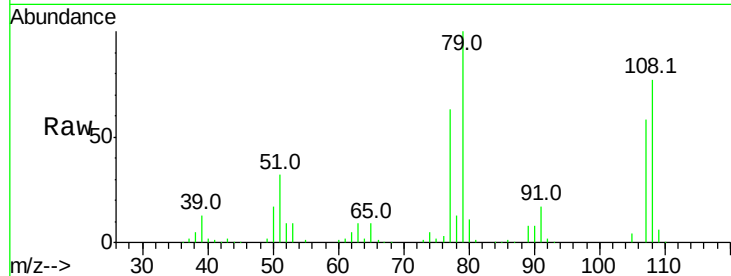




#15
Benzyl Alcohol
Concen: 51.118 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

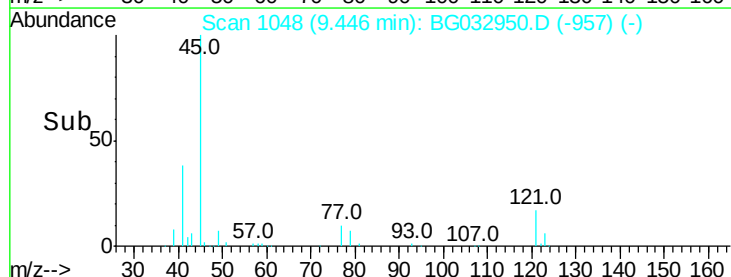
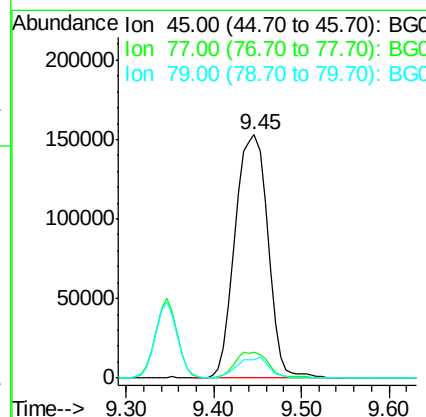
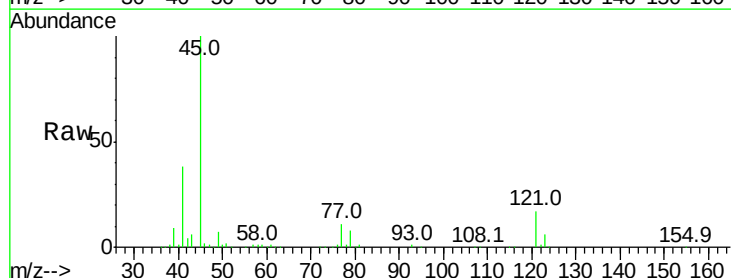
Instrument :
BNA_G
ClientSampleId :

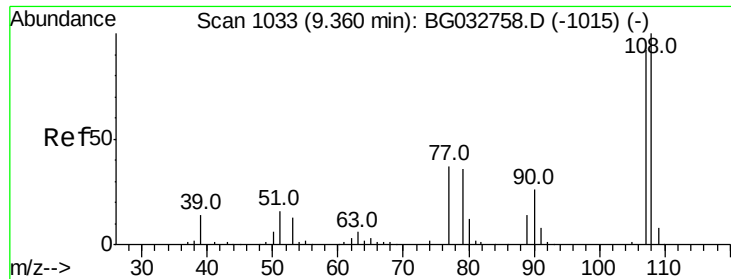
Tot Ion: 79 Resp: 207488
Ion Ratio Lower Upper
79 100
108 77.4 57.2 85.8
77 63.2 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.540 ng
RT: 9.45 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion: 45 Resp: 387589
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.2
79 7.6 0.0 27.9

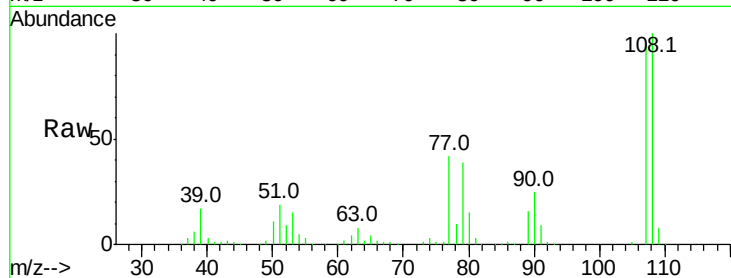




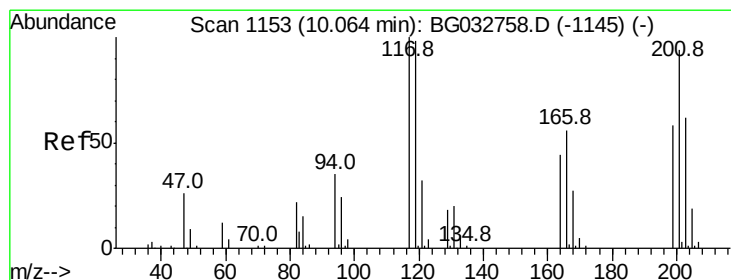
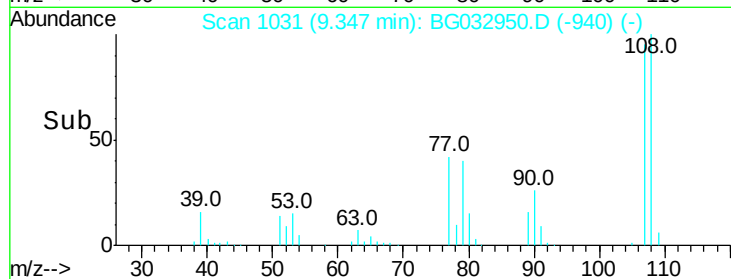
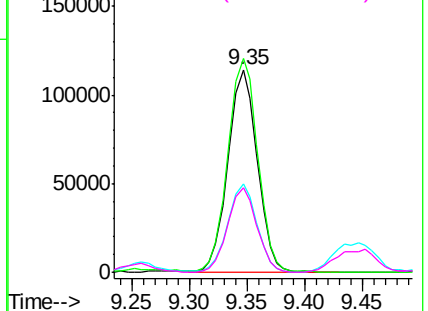
#17
2-Methylphenol
Concen: 49.089 ng
RT: 9.35 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	201471
Ion	Ratio	Lower	Upper
107	100		
108	105.5	83.9	125.9
77	43.9	37.2	55.8
79	41.6	36.2	54.2

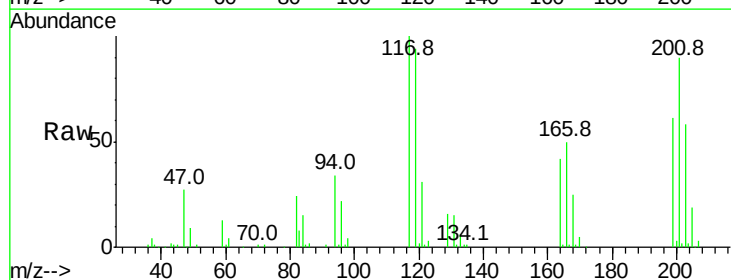


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

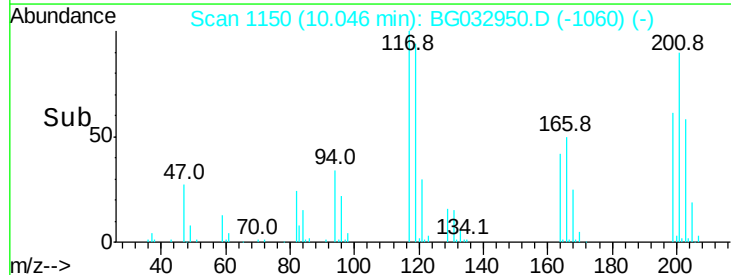
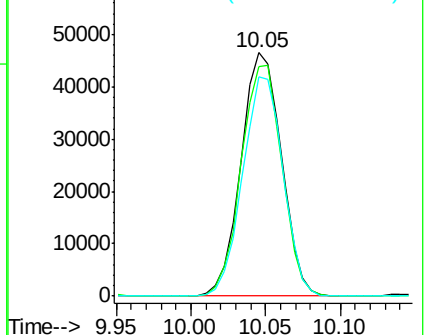


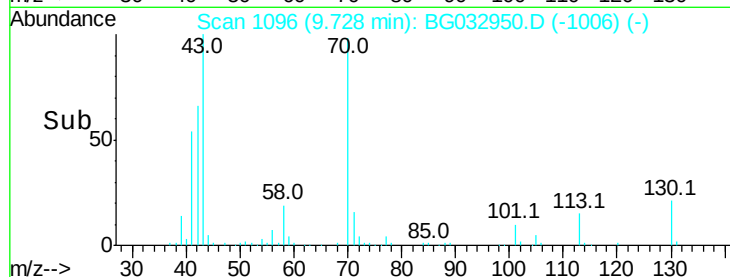
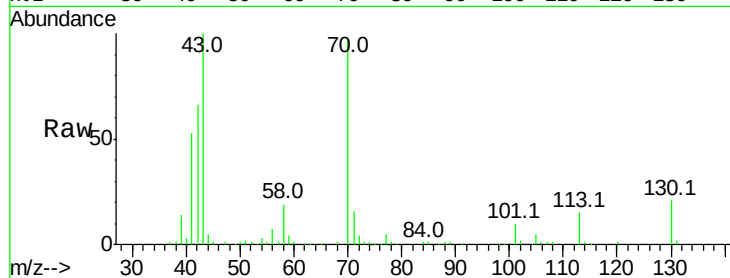
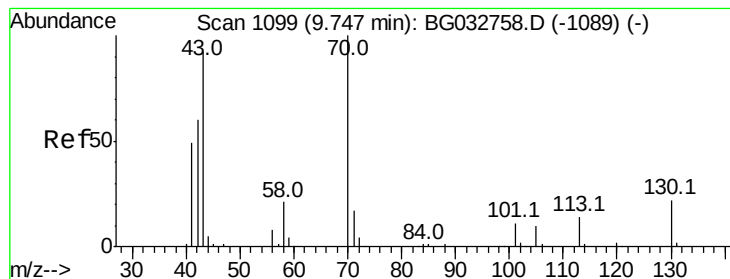
#18
Hexachloroethane
Concen: 50.129 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion:	117	Resp:	87245
Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.7	115.1
201	90.1	95.7	143.5#



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





#19

n-Nitroso-di-n-propylamine

Concen: 46.570 ng

RT: 9.73 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 181524

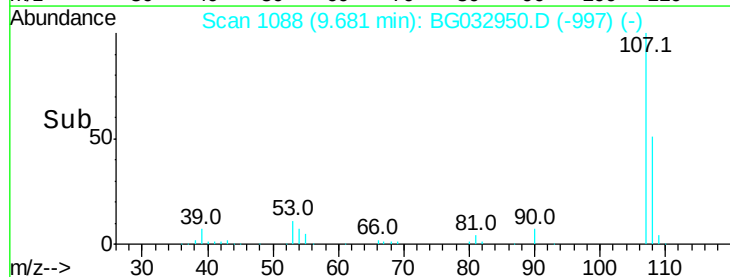
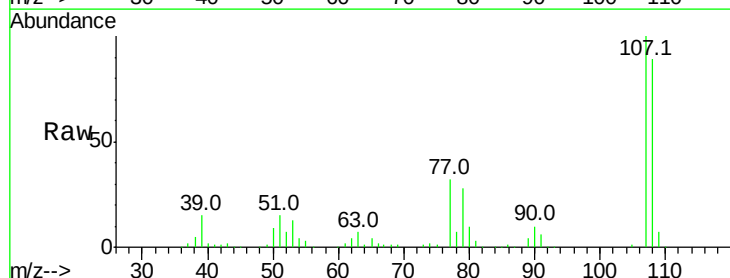
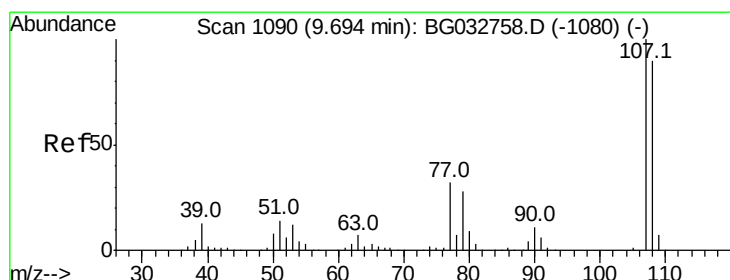
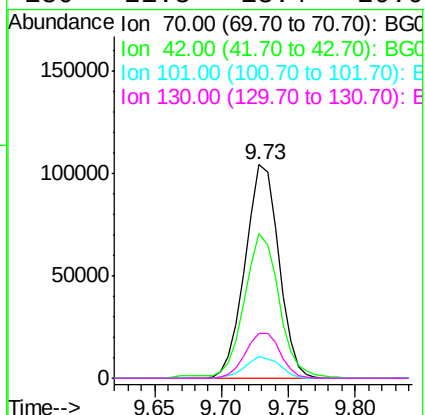
Ion Ratio Lower Upper

70 100

42 67.5 49.1 73.7

101 10.3 8.5 12.7

130 21.3 13.4 20.0#



#20

3+4-Methylphenols

Concen: 47.430 ng

RT: 9.68 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Tgt Ion: 107 Resp: 270660

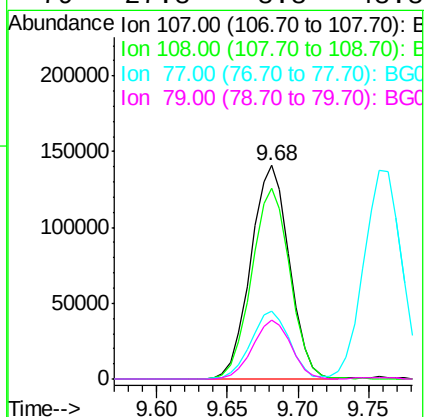
Ion Ratio Lower Upper

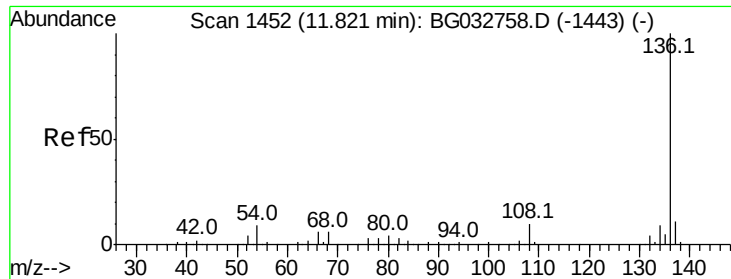
107 100

108 89.3 61.6 101.6

77 32.0 13.9 53.9

79 27.8 8.8 48.8

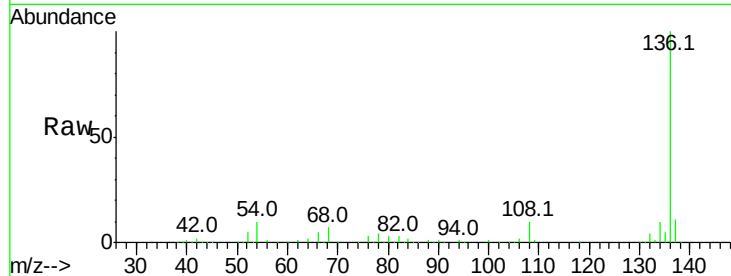




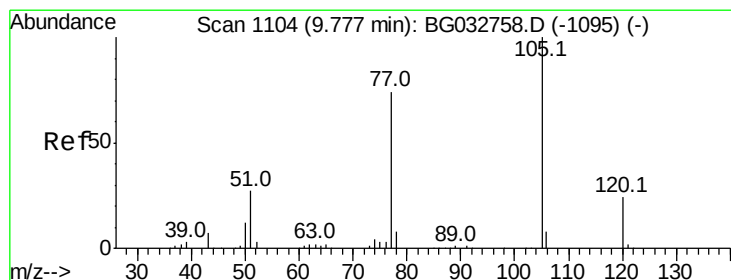
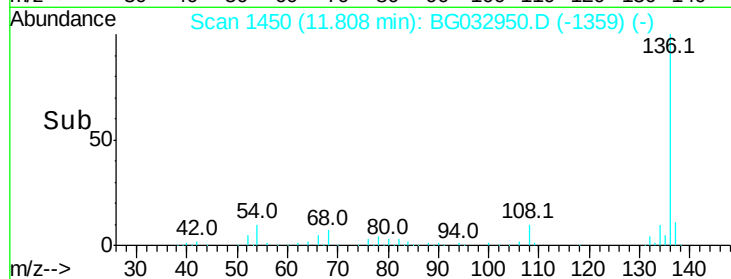
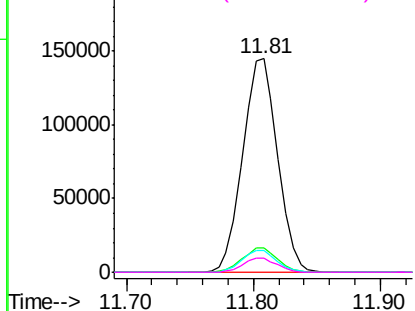
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	276312
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	9.9	10.3 15.5#
68	6.7	4.5 6.7

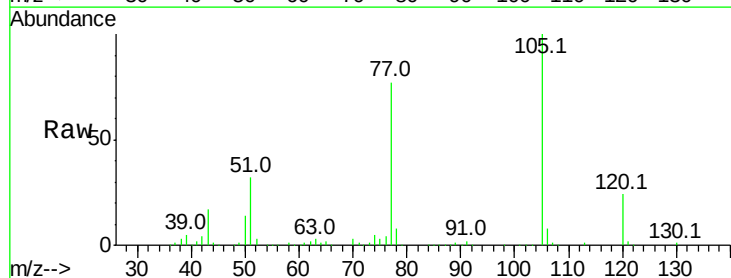


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

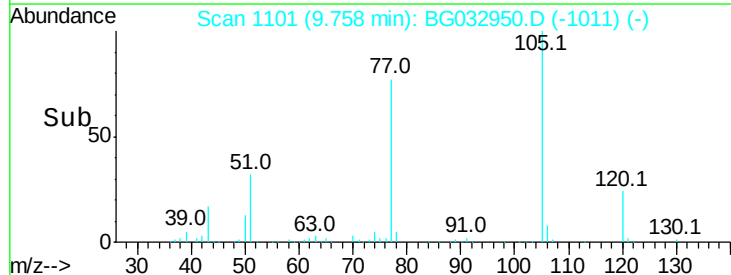
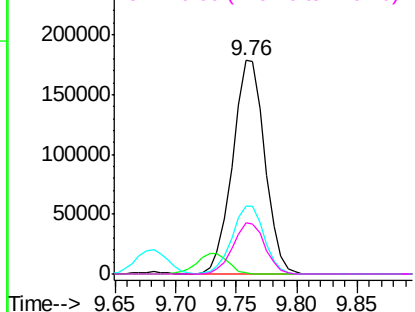


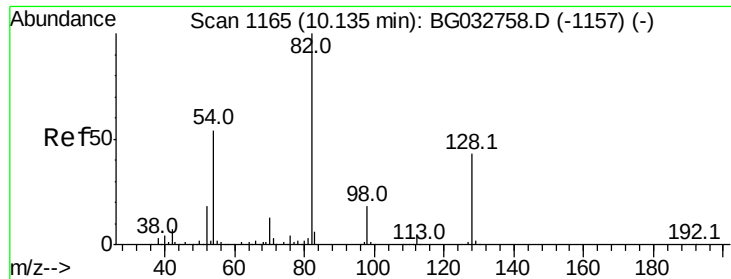
#22
Acetophenone
Concen: 47.524 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion:105	Resp:	331634
Ion Ratio	Lower	Upper
105	100	
71	0.6	3.0 4.4#
51	32.0	26.1 39.1
120	23.8	17.4 26.2



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

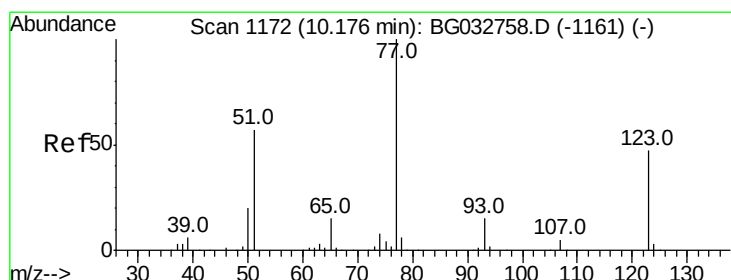
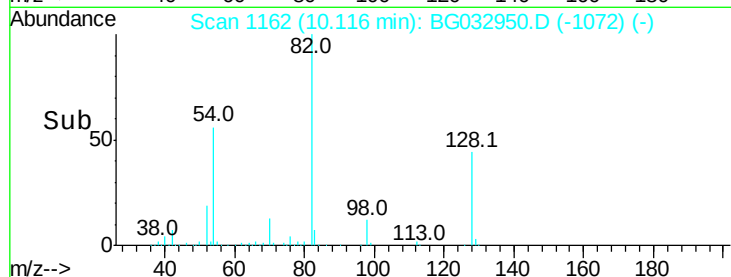
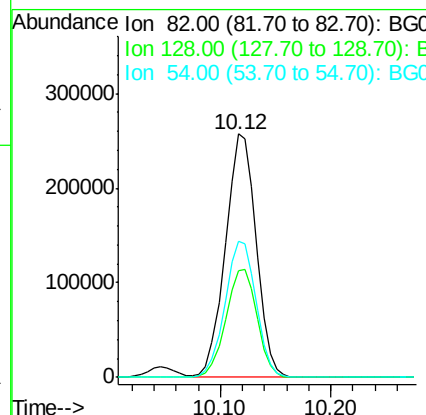
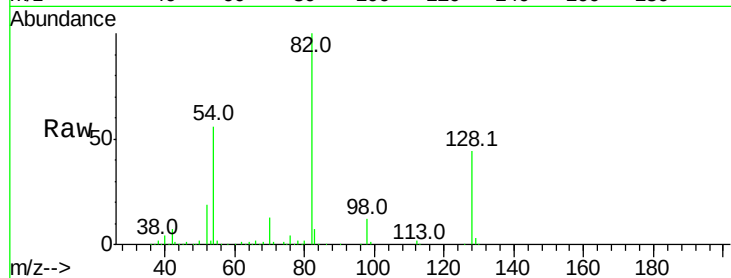




#23
 Nitrobenzene-d5
 Concen: 120.921 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

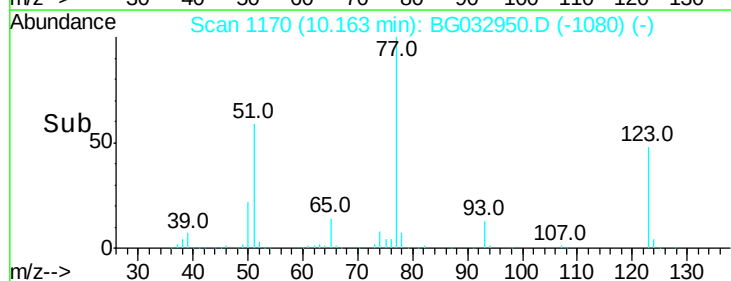
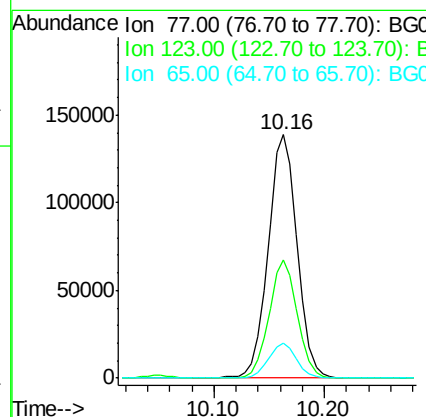
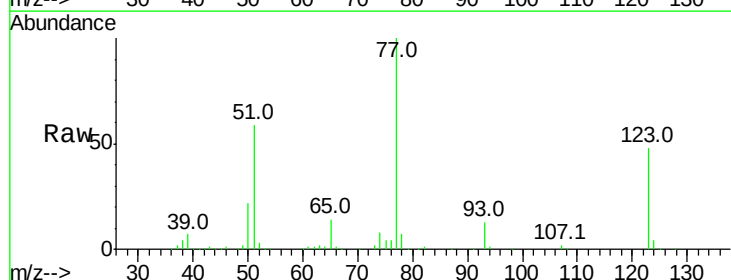
Instrument :
 BNA_G
 ClientSampleId :

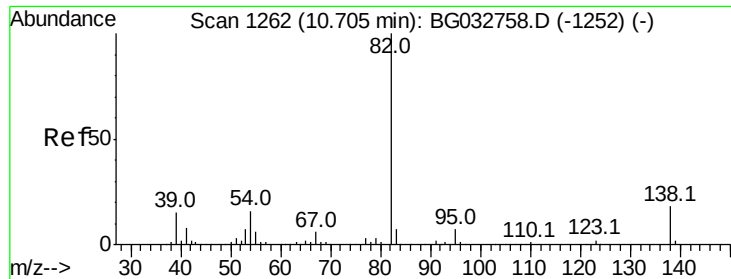
Tot Ion: 82 Resp: 500354
 Ion Ratio Lower Upper
 82 100
 128 44.0 29.7 44.5
 54 55.8 43.1 64.7



#24
 Nitrobenzene
 Concen: 56.316 ng
 RT: 10.16 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion: 77 Resp: 253773
 Ion Ratio Lower Upper
 77 100
 123 48.3 33.0 49.6
 65 14.1 13.0 19.6





#25

Isophorone

Concen: 51.439 ng

RT: 10.69 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

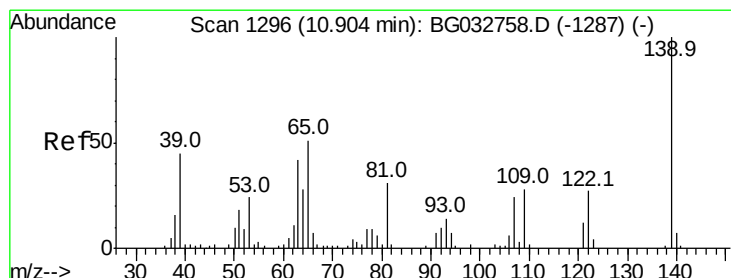
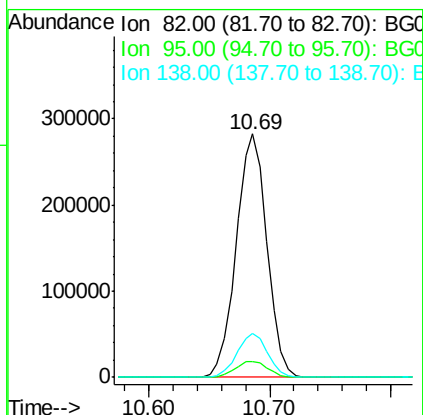
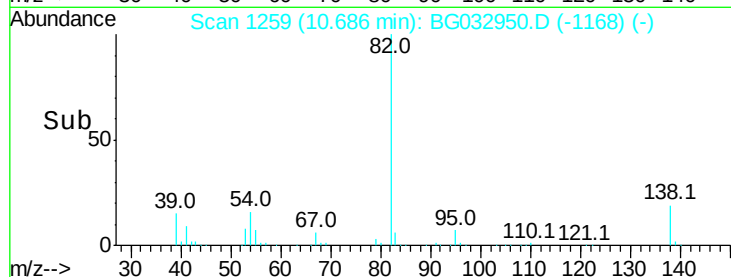
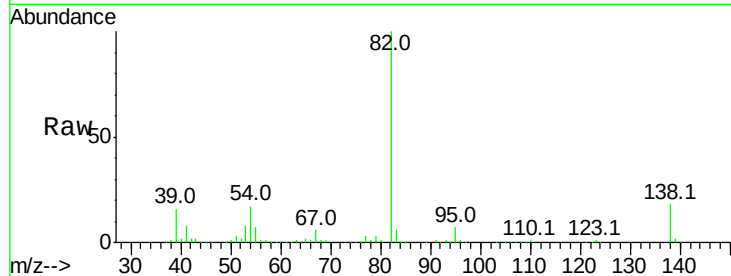
Tot Ion: 82 Resp: 498879

Ion Ratio Lower Upper

82 100

95 6.5 6.2 9.2

138 18.2 12.1 18.1#



#26

2-Nitrophenol

Concen: 68.174 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

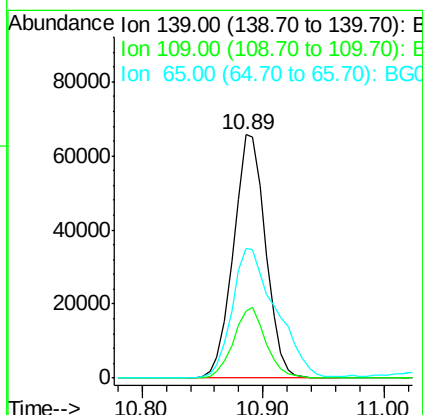
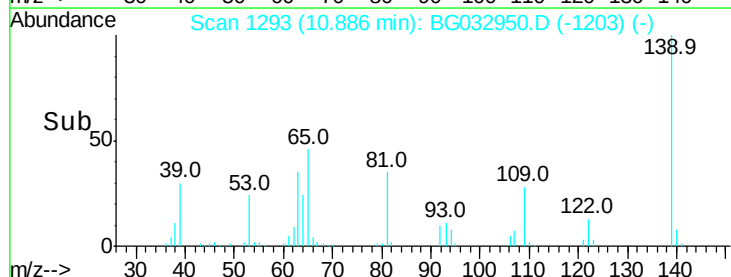
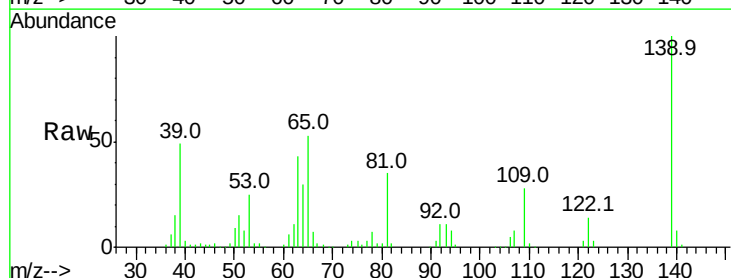
Tgt Ion:139 Resp: 121927

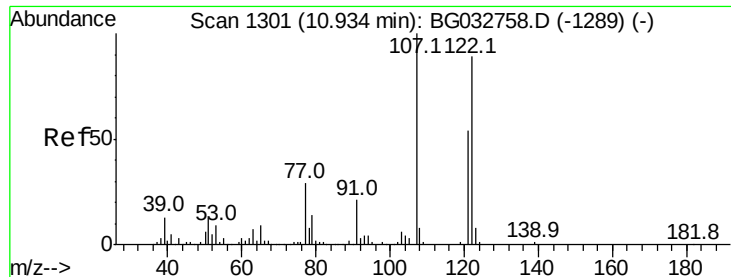
Ion Ratio Lower Upper

139 100

109 27.6 24.2 36.2

65 53.0 47.4 71.0

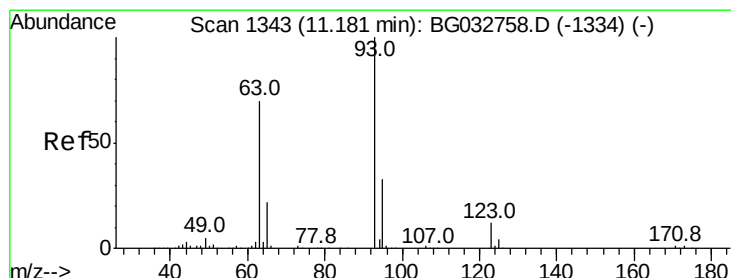
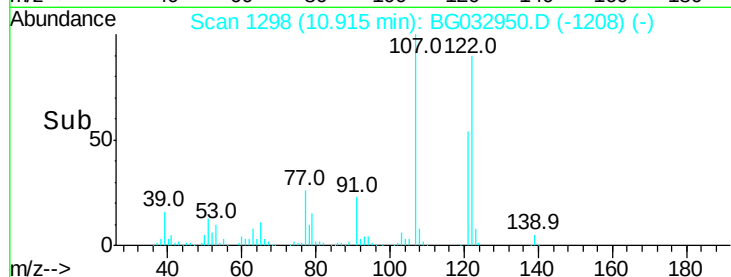
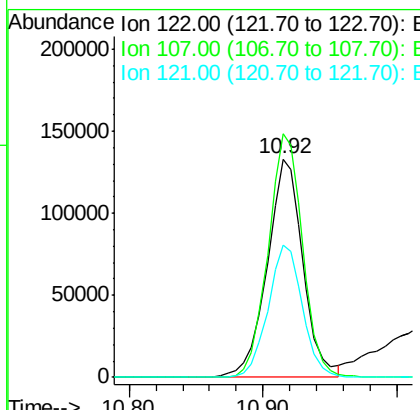
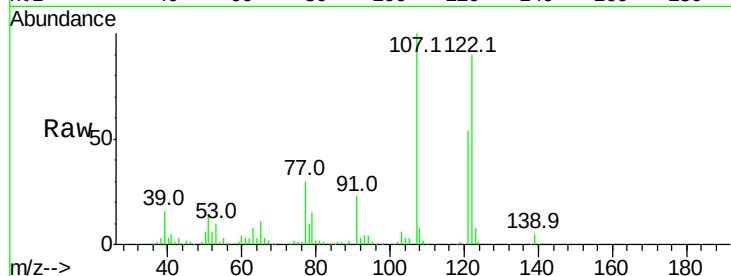




#27
 2,4-Dimethylphenol
 Concen: 58.800 ng
 RT: 10.92 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

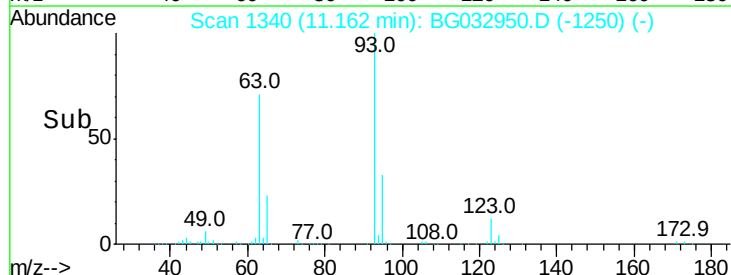
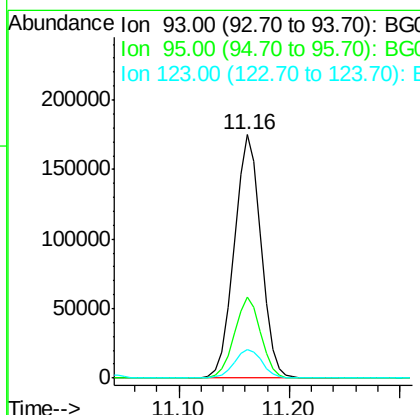
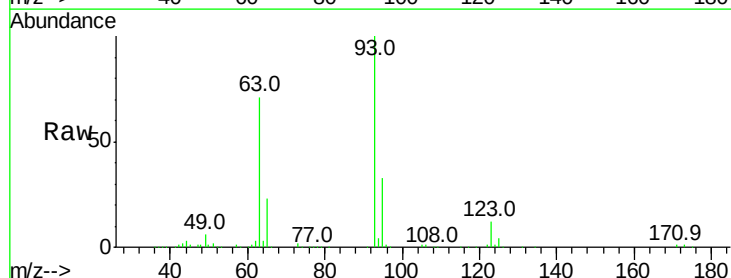
Instrument :
 BNA_G
 ClientSampleId :

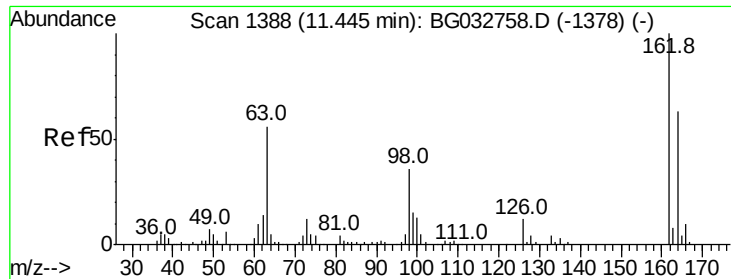
Tot Ion:122 Resp: 247729
 Ion Ratio Lower Upper
 122 100
 107 111.7 100.2 150.2
 121 60.4 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.532 ng
 RT: 11.16 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion: 93 Resp: 296801
 Ion Ratio Lower Upper
 93 100
 95 33.1 24.3 36.5
 123 11.7 8.4 12.6

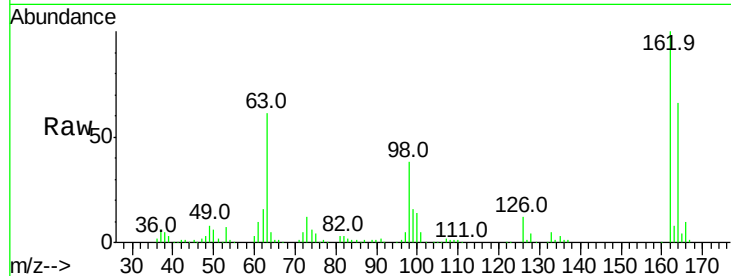




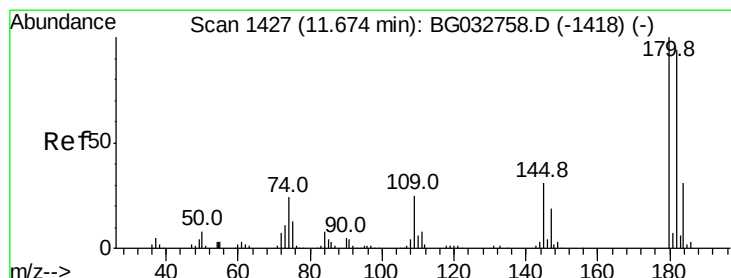
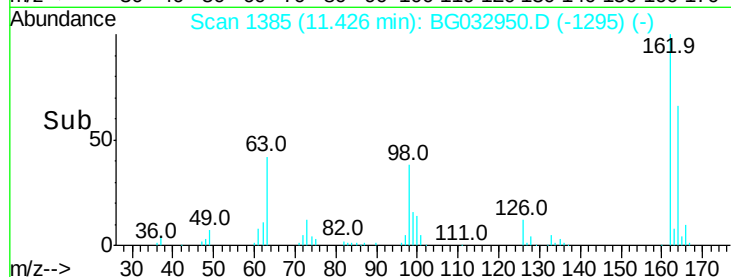
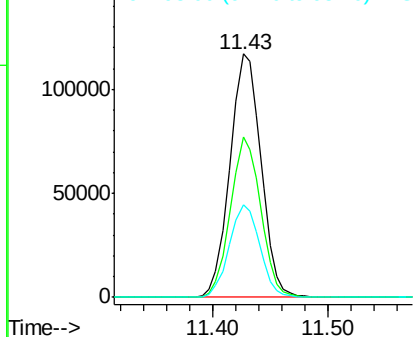
#29
 2,4-Dichlorophenol
 Concen: 57.090 ng
 RT: 11.43 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	48.0	88.0
98	37.9	21.1	61.1

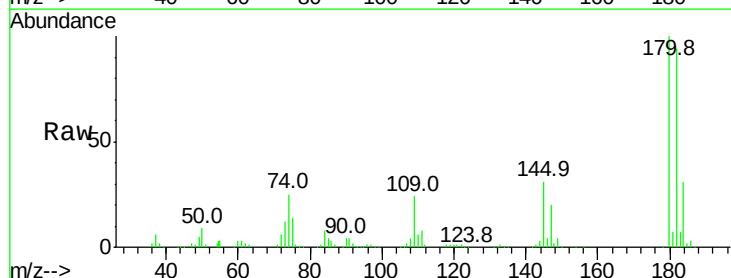


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

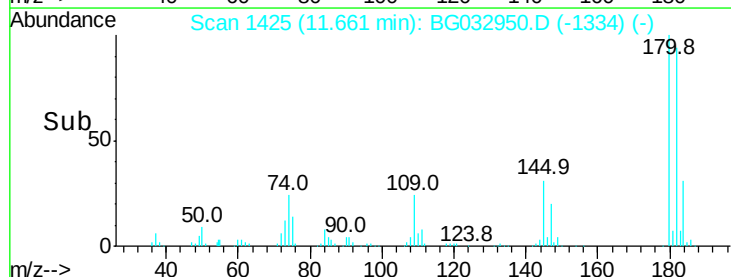
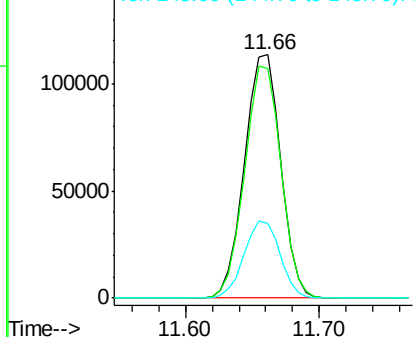


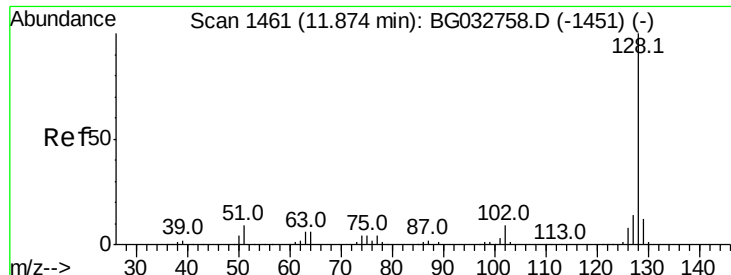
#30
 1,2,4-Trichlorobenzene
 Concen: 47.397 ng
 RT: 11.66 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.5	116.3
145	30.7	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

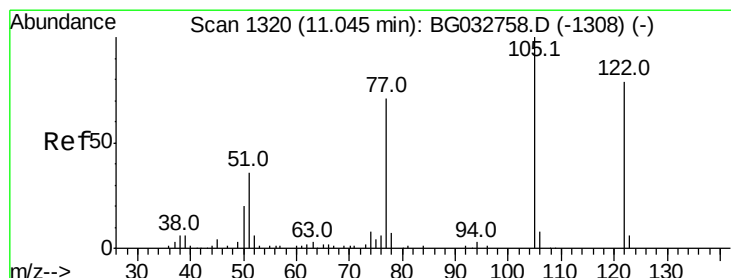
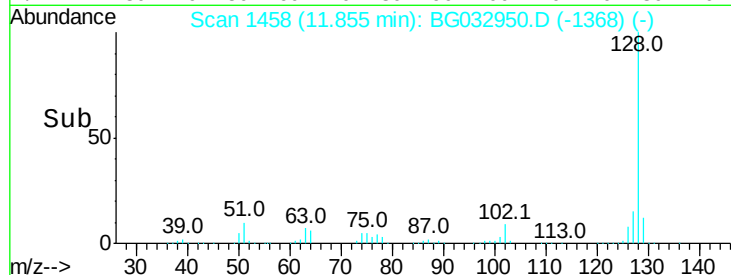
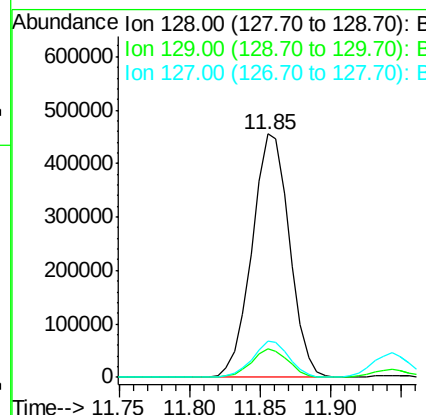
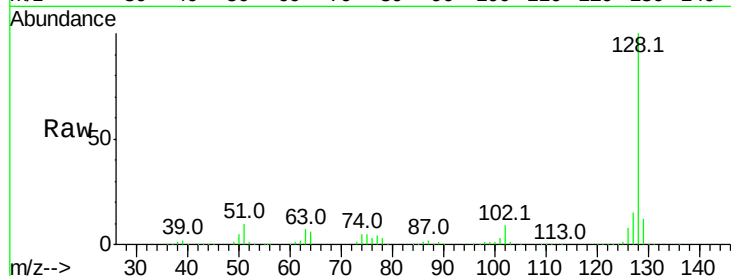




#31
Naphthalene
Concen: 58.413 ng
RT: 11.85 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

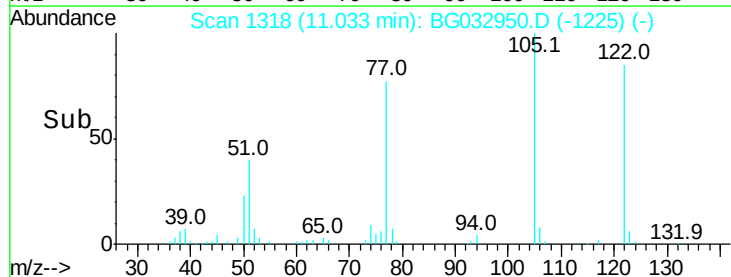
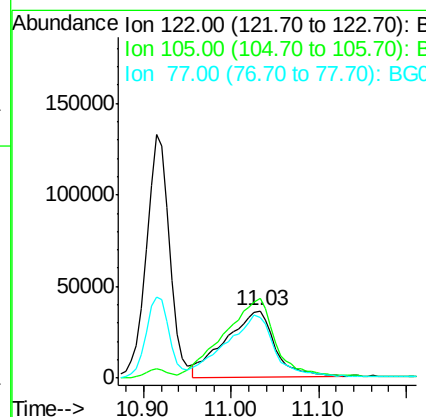
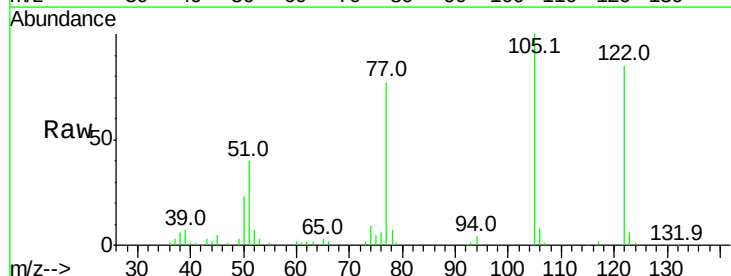
Instrument :
BNA_G
ClientSampleId :

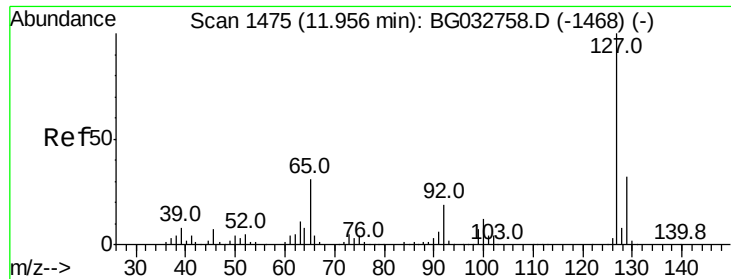
Tot Ion:128 Resp: 843390
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 14.8 11.6 17.4



#32
Benzoic acid
Concen: 51.010 ng
RT: 11.03 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion:122 Resp: 137716
Ion Ratio Lower Upper
122 100
105 117.8 123.5 163.5#
77 90.7 85.7 125.7

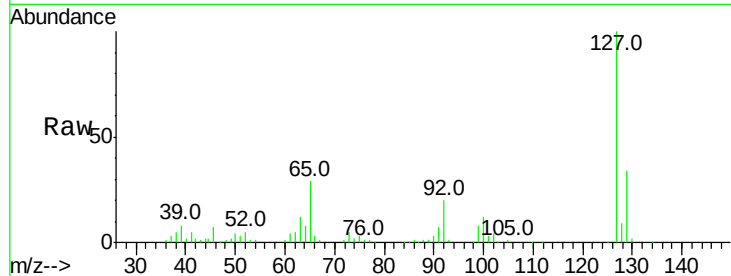




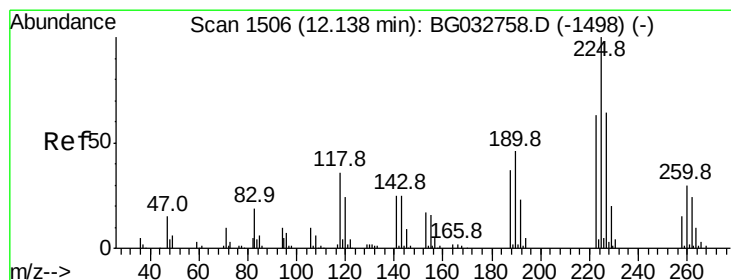
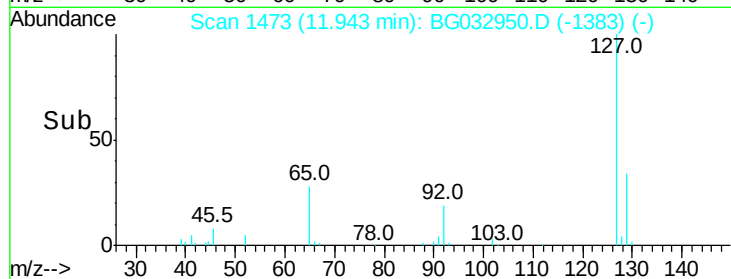
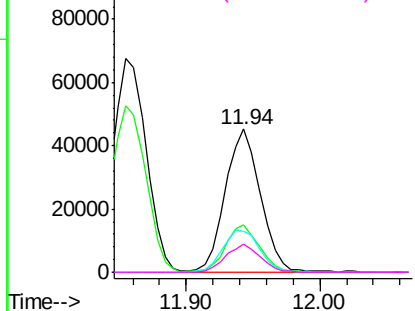
#33
4-Chloroaniline
Concen: 12.823 ng
RT: 11.94 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	82784	
Ion Ratio	Lower	Upper	
127 100			
129 33.5	24.0	36.0	
65 29.0	27.0	40.4	
92 19.7	16.6	25.0	

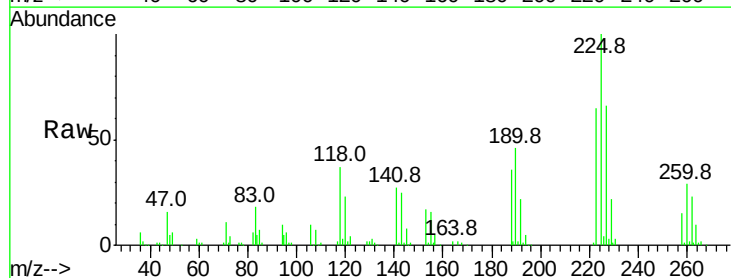


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

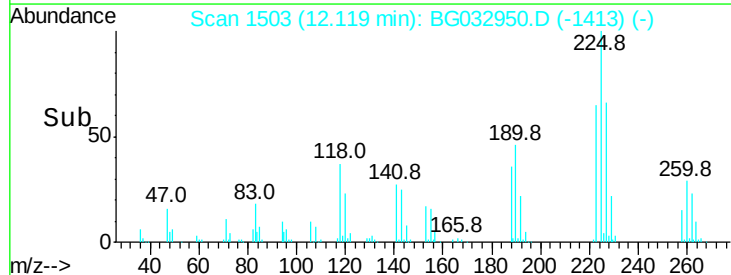
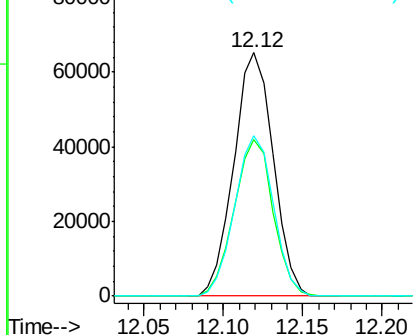


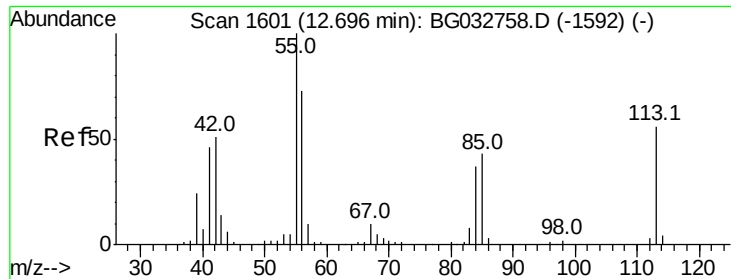
#34
Hexachlorobutadiene
Concen: 44.818 ng
RT: 12.12 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt	Ion:225	Resp:	112680
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.7	74.5
227	66.1	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

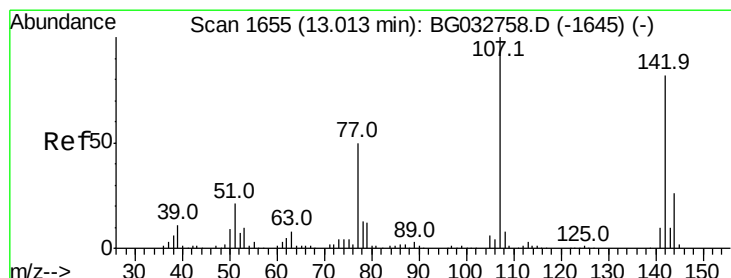
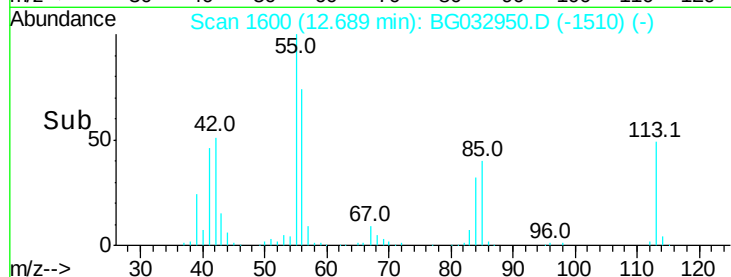
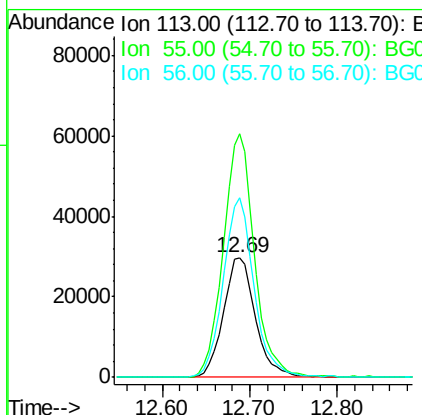
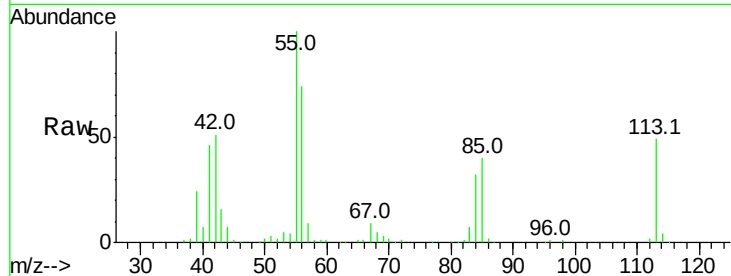




#35
 Caprolactam
 Concen: 48.414 ng
 RT: 12.69 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

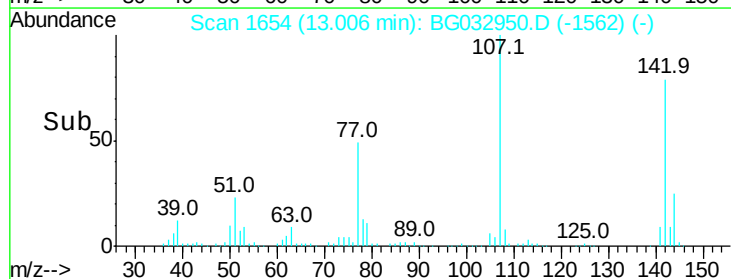
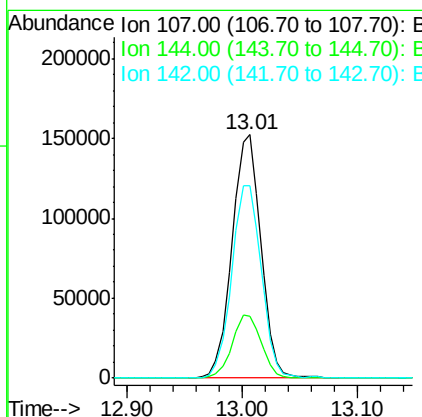
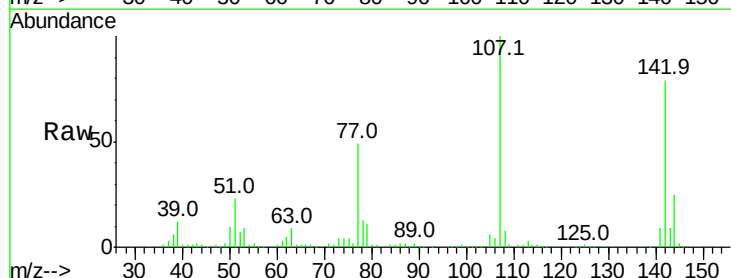
Instrument :
 BNA_G
 ClientSampleId :

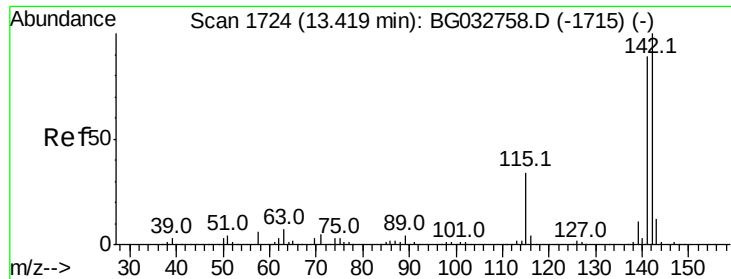
Tot Ion:113 Resp: 74126
 Ion Ratio Lower Upper
 113 100
 55 203.0 186.9 226.9
 56 149.5 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 59.362 ng
 RT: 13.01 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion:107 Resp: 264147
 Ion Ratio Lower Upper
 107 100
 144 25.4 18.2 27.4
 142 79.2 59.0 88.4

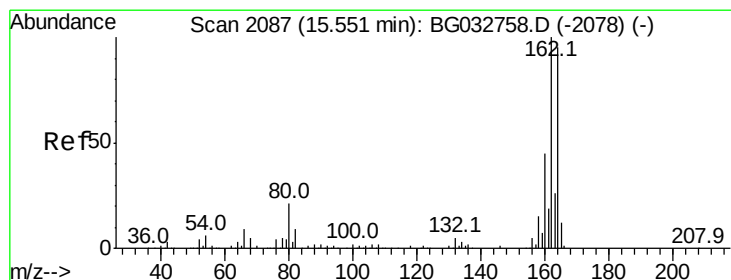
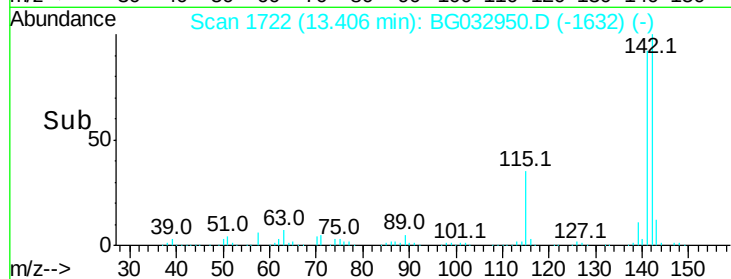
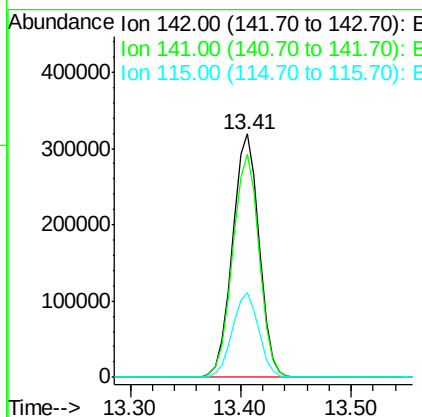
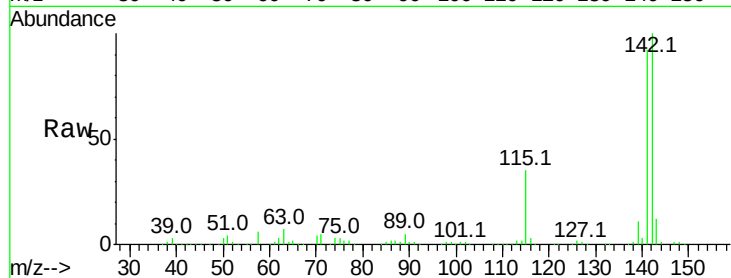




#37
2-Methylnaphthalene
Concen: 51.694 ng
RT: 13.41 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

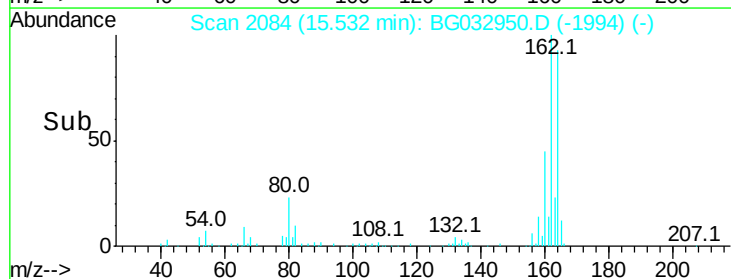
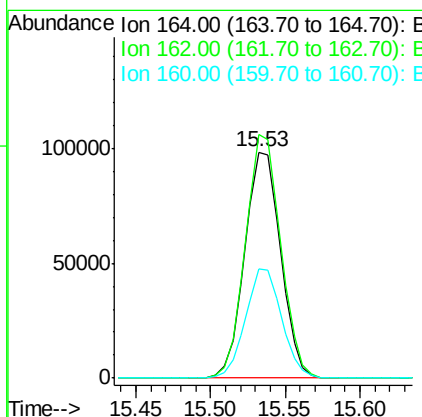
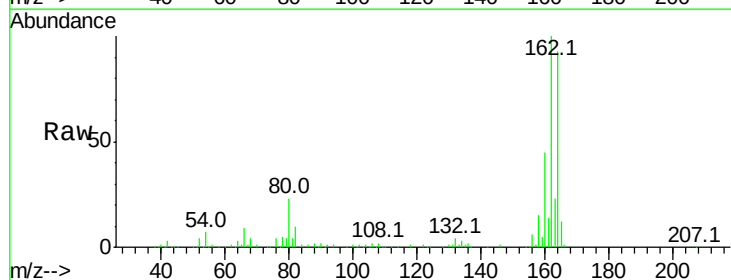
Instrument :
BNA_G
ClientSampleId :

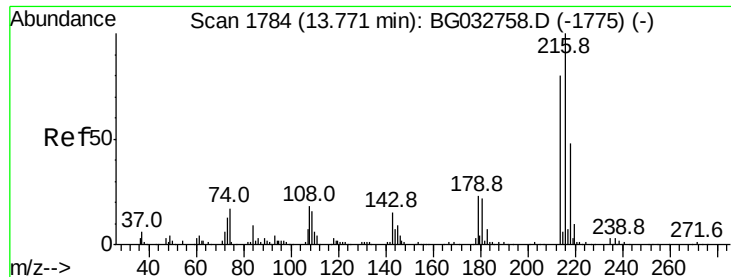
Tot Ion:142 Resp: 539984
Ion Ratio Lower Upper
142 100
141 91.6 67.1 100.7
115 35.0 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion:164 Resp: 163003
Ion Ratio Lower Upper
164 100
162 107.7 78.8 118.2
160 48.3 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.969 ng

RT: 13.76 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BG032950.D

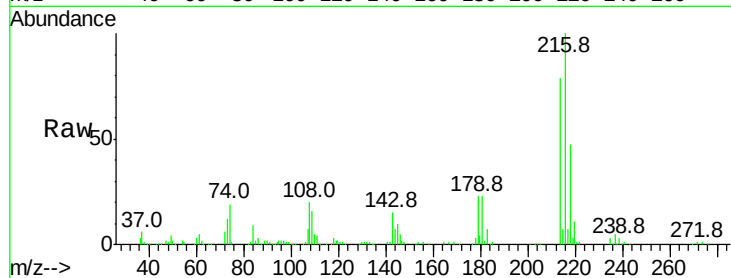
Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	217597
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	23.4	17.0	25.6
108	23.5	12.8	19.2#

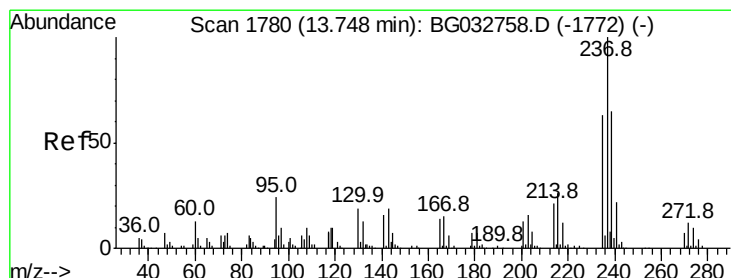
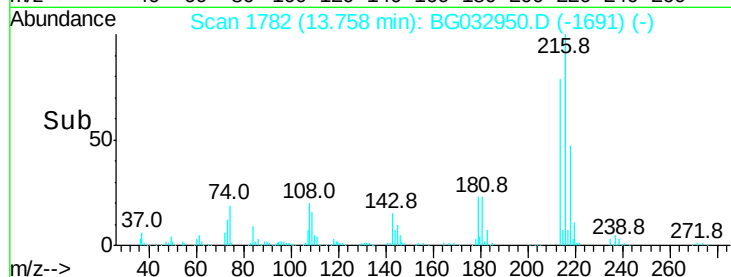
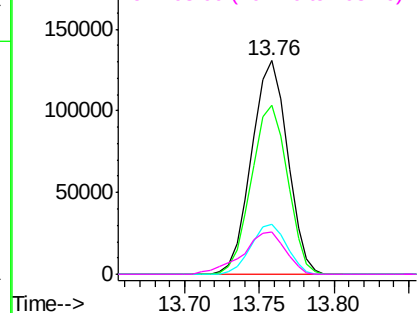


Abundance Ion 216.00 (215.70 to 216.70): E

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: 105.361 ng

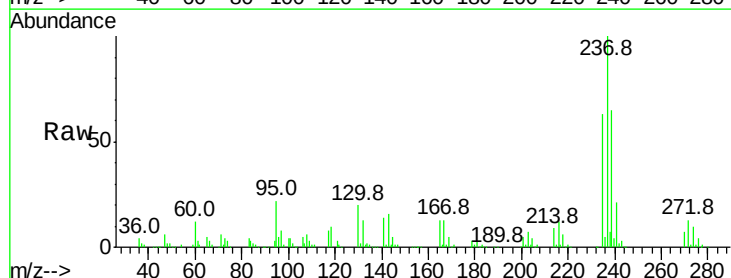
RT: 13.73 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

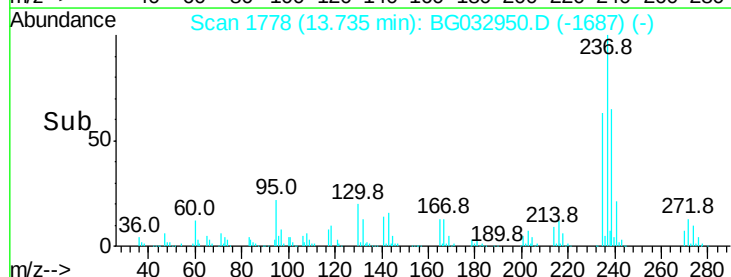
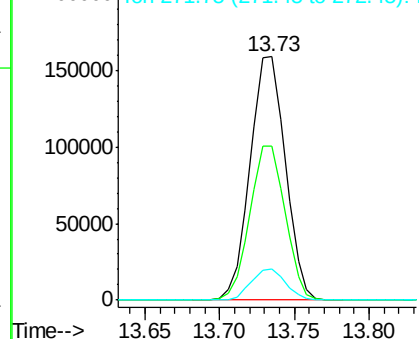
Tgt Ion:	237	Resp:	259823
Ion	Ratio	Lower	Upper
237	100		
235	63.2	50.4	90.4
272	12.6	0.0	31.8

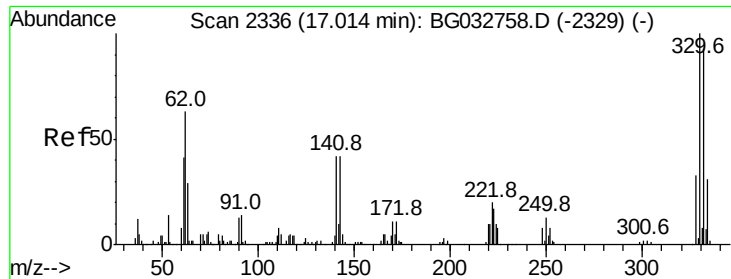


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

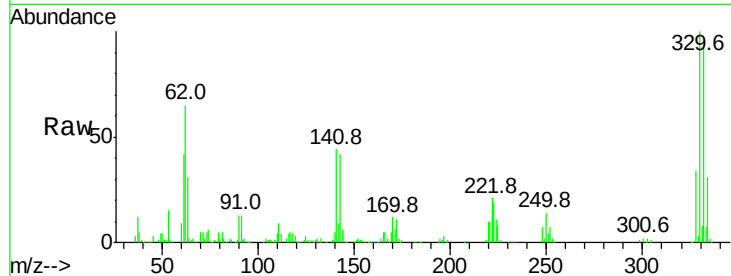




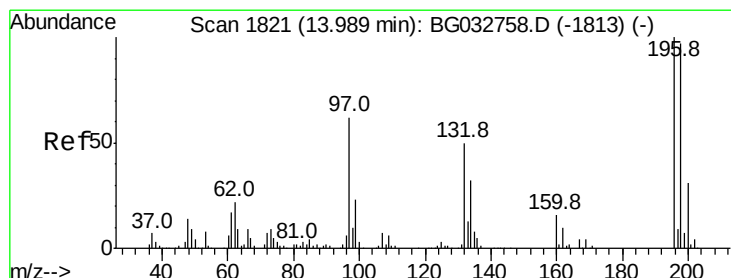
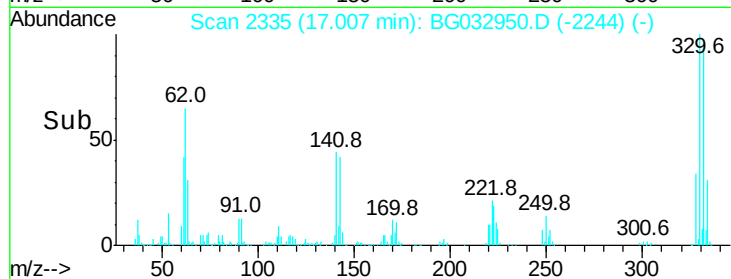
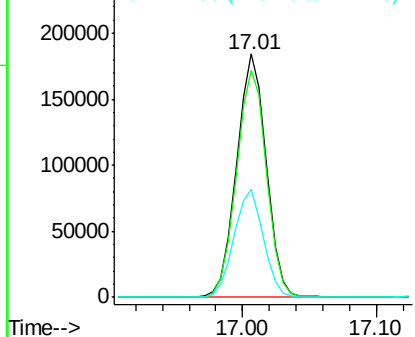
#41
 2,4,6-Tribromophenol
 Concen: 165.387 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 283461
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 44.4 25.2 37.8#

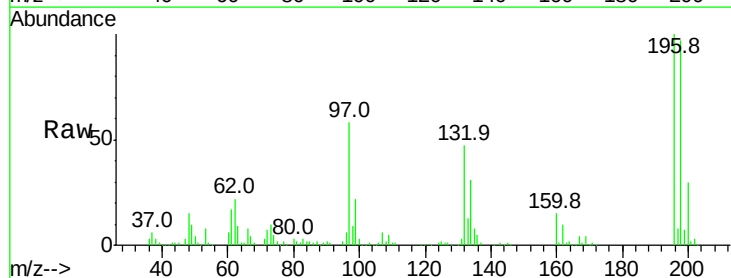


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

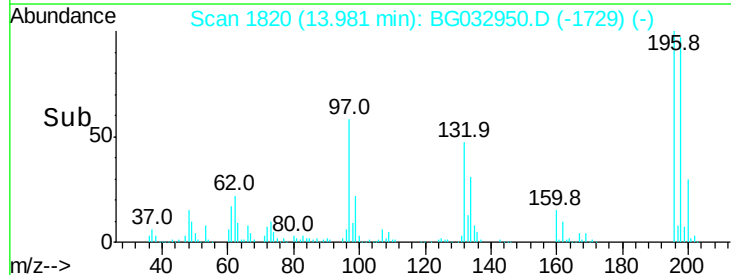
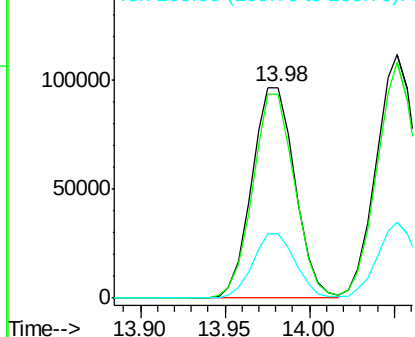


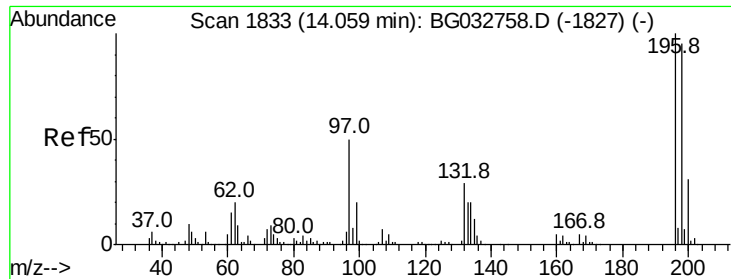
#42
 2,4,6-Trichlorophenol
 Concen: 56.023 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion:196 Resp: 170956
 Ion Ratio Lower Upper
 196 100
 198 96.9 78.2 117.2
 200 30.3 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

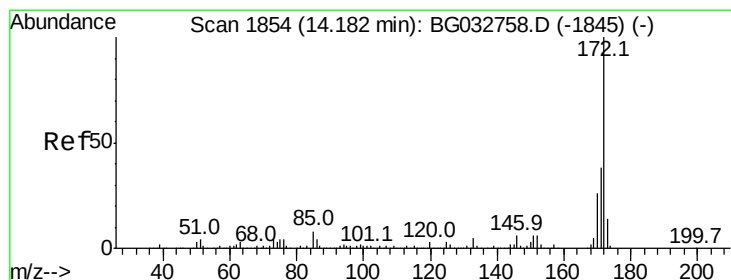
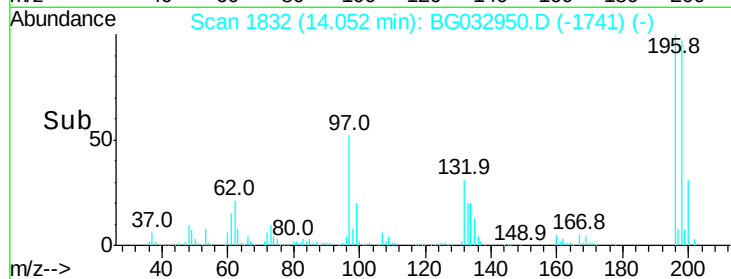
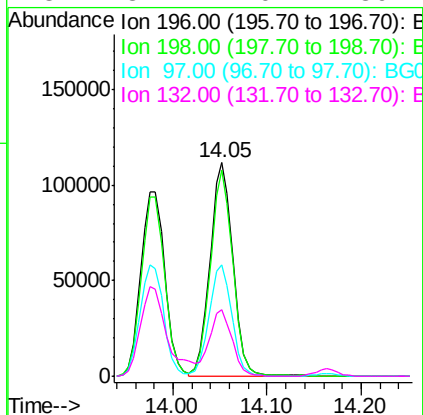
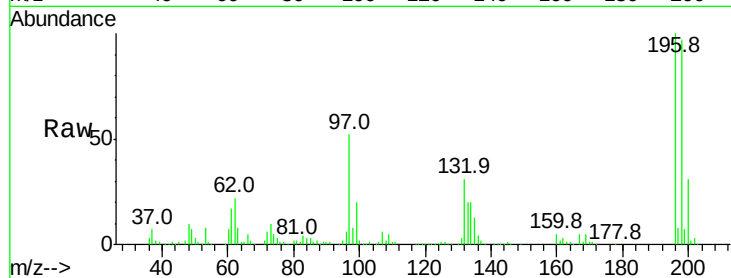




#43
 2,4,5-Trichlorophenol
 Concen: 53.661 ng
 RT: 14.05 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

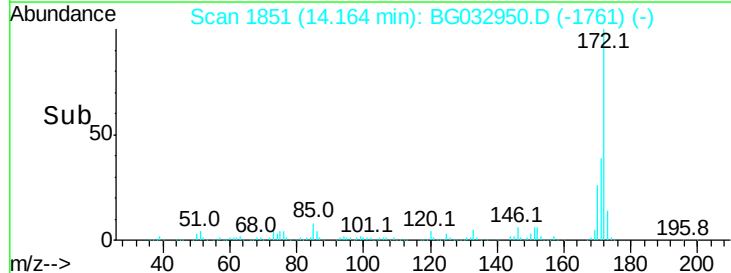
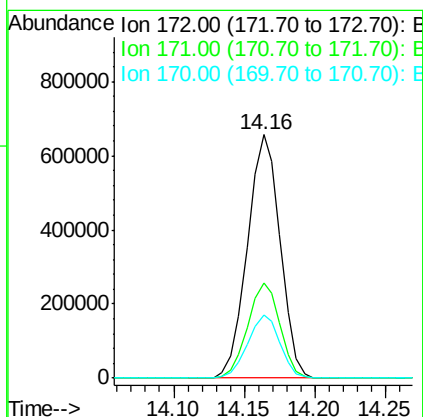
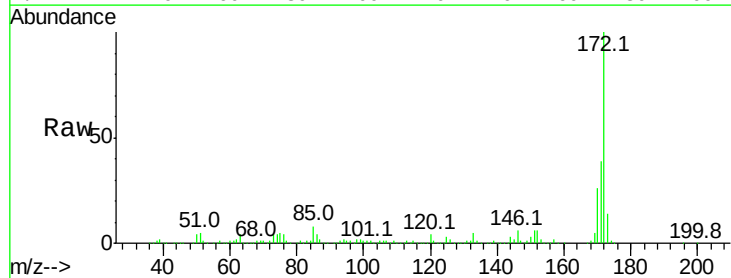
Instrument :
 BNA_G
 ClientSampleId :

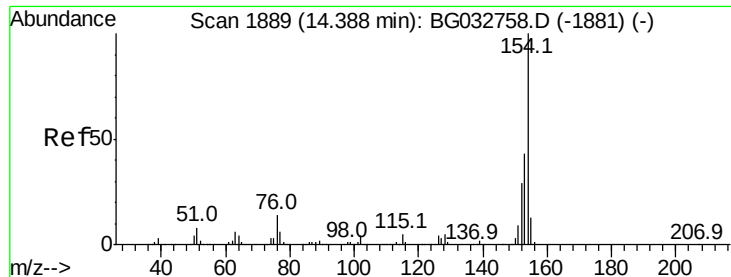
Tot Ion:	196	Resp:	189517
Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.2	114.4
97	52.4	38.7	58.1
132	31.4	20.2	30.2#



#44
 2-Fluorobiphenyl
 Concen: 94.154 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion:	172	Resp:	1064122
Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.0	45.0
170	26.1	19.5	29.3

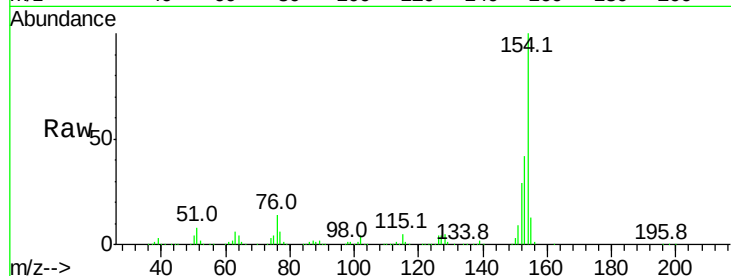




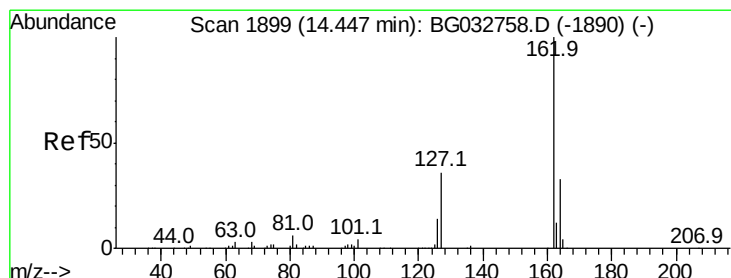
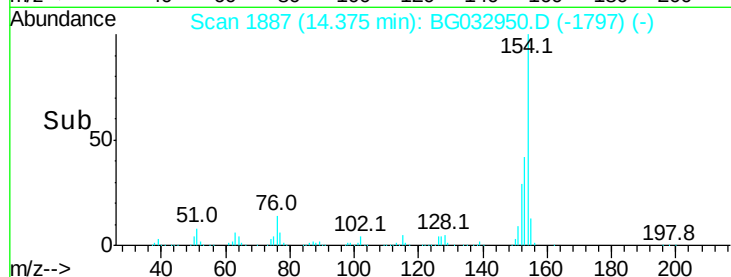
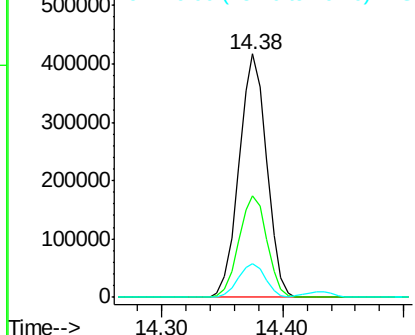
#45
 1,1'-Biphenyl
 Concen: 46.637 ng
 RT: 14.38 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:154 Resp: 664294
 Ion Ratio Lower Upper
 154 100
 153 41.7 19.8 59.8
 76 13.8 0.0 31.9

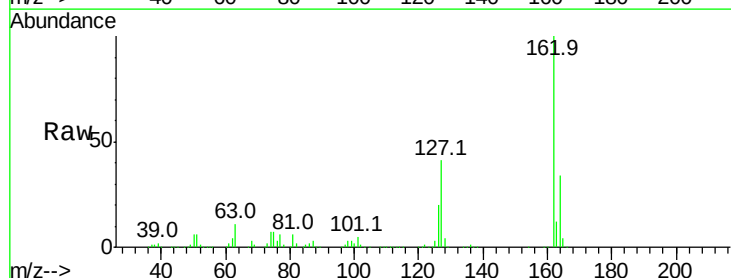


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

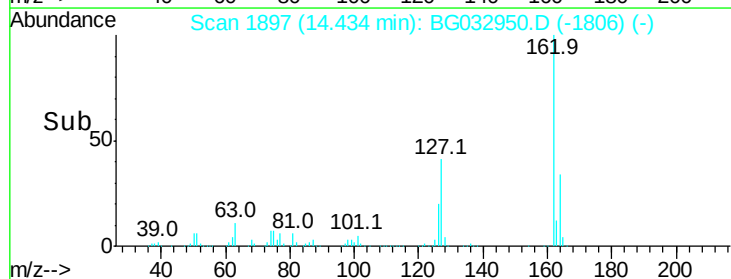
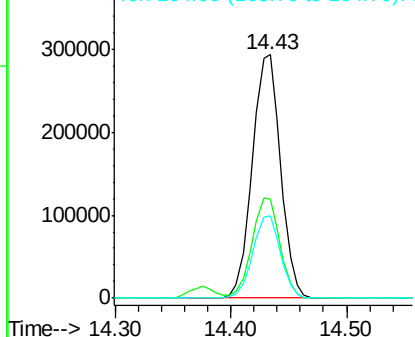


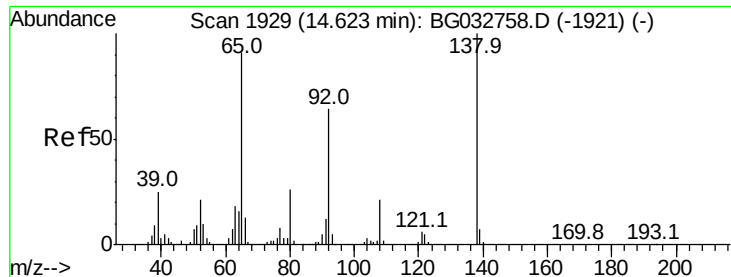
#46
 2-Chloronaphthalene
 Concen: 47.022 ng
 RT: 14.43 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion:162 Resp: 500323
 Ion Ratio Lower Upper
 162 100
 127 40.7 30.7 46.1
 164 33.6 26.0 39.0



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

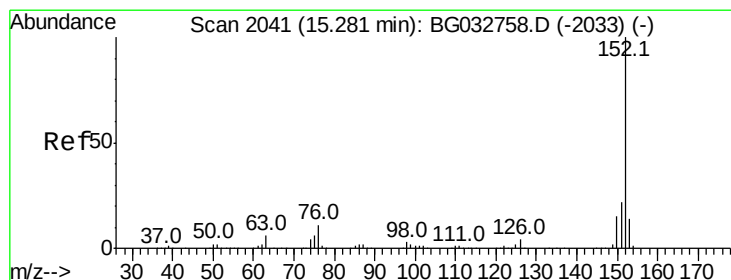
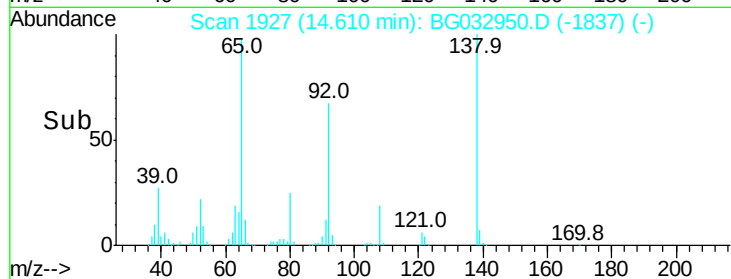
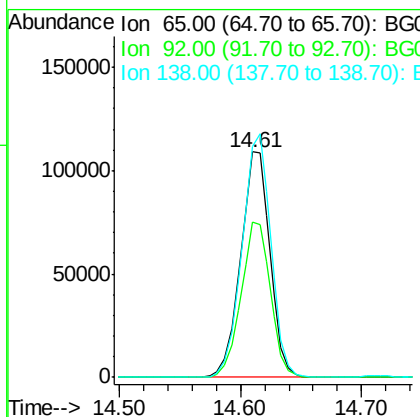
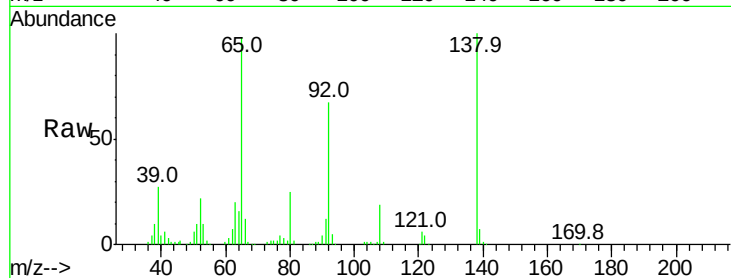




#47
2-Nitroaniline
Concen: 64.610 ng
RT: 14.61 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

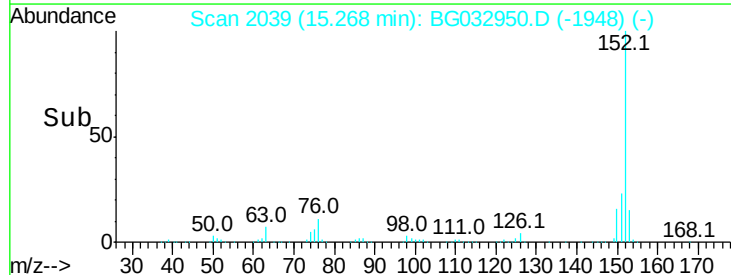
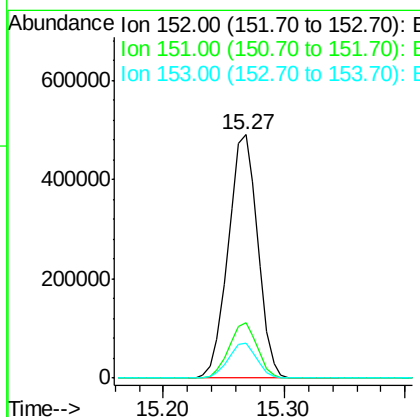
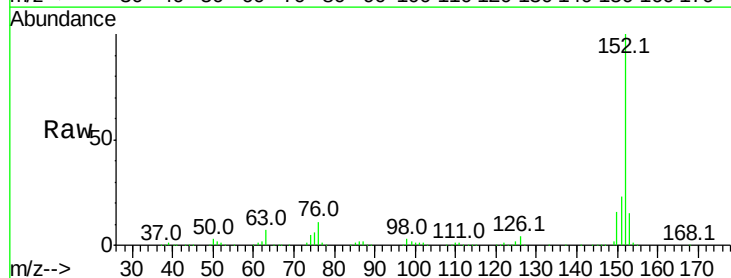
Instrument :
BNA_G
ClientSampled :

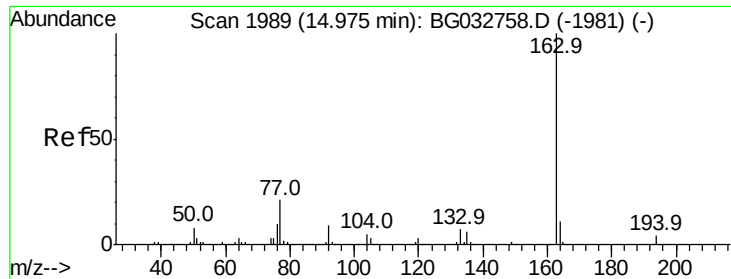
Tot Ion: 65 Resp: 184860
Ion Ratio Lower Upper
65 100
92 68.7 54.6 82.0
138 102.3 72.9 109.3



#48
Acenaphthylene
Concen: 47.694 ng
RT: 15.27 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion: 152 Resp: 830839
Ion Ratio Lower Upper
152 100
151 22.9 17.2 25.8
153 14.6 10.2 15.4





#49

Dimethylphthalate

Concen: 48.662 ng

RT: 14.96 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampled :

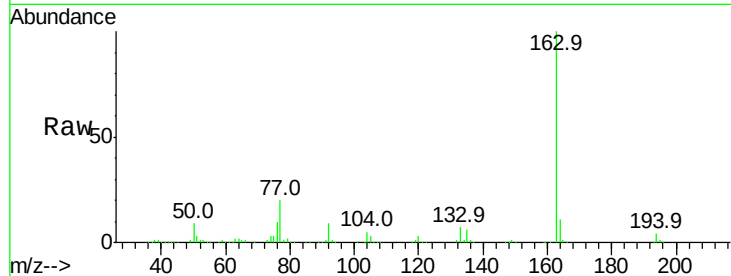
Tot Ion:163 Resp: 673501

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

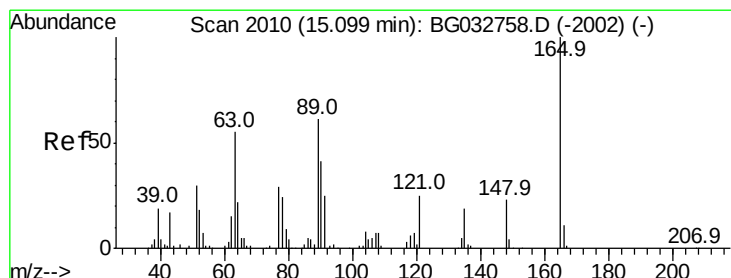
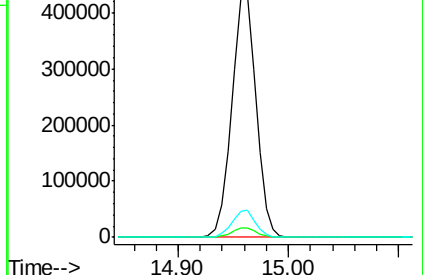
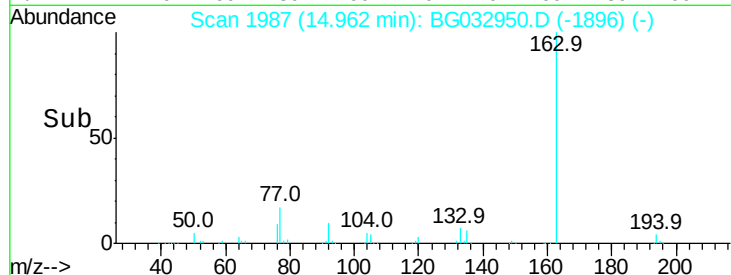
164 11.0 8.2 12.4



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: 62.840 ng

RT: 15.09 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

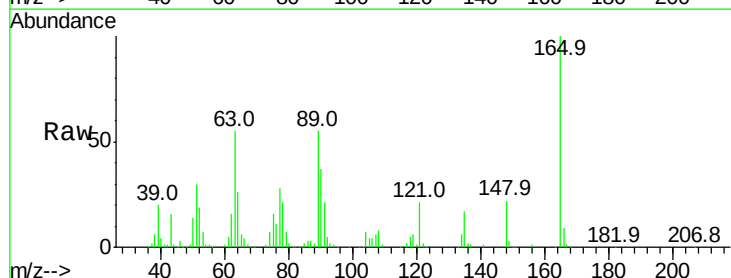
Tgt Ion:165 Resp: 151691

Ion Ratio Lower Upper

165 100

63 55.5 52.7 79.1

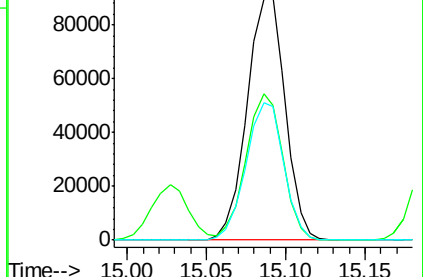
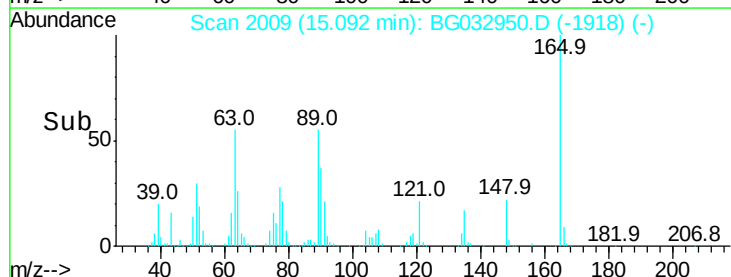
89 54.8 49.2 73.8

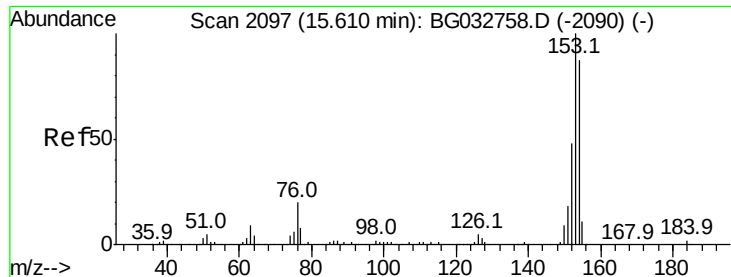


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 52.105 ng

RT: 15.60 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

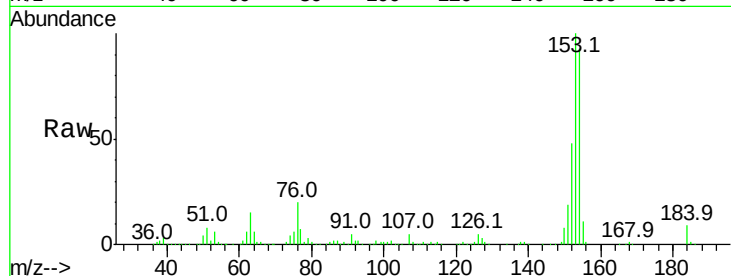
Tot Ion:154 Resp: 565288

Ion Ratio Lower Upper

154 100

153 107.8 90.4 135.6

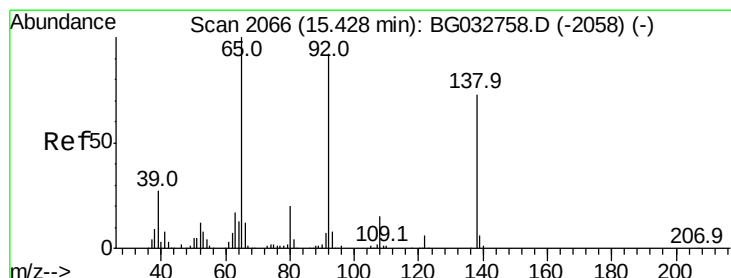
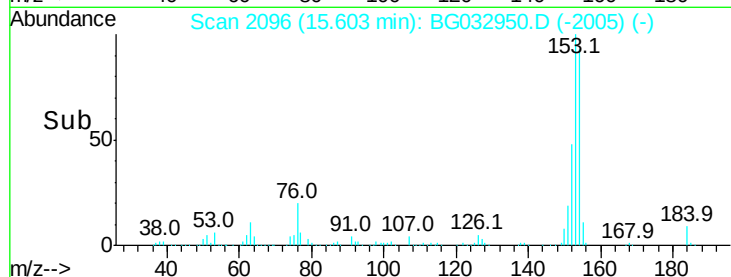
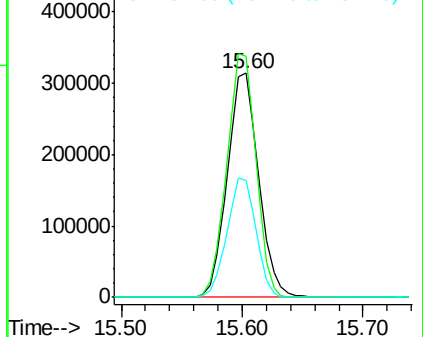
152 52.0 41.6 62.4



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: 32.394 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

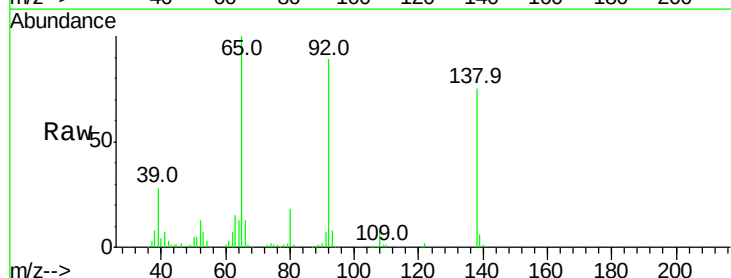
Tgt Ion:138 Resp: 83558

Ion Ratio Lower Upper

138 100

108 10.2 17.5 26.3#

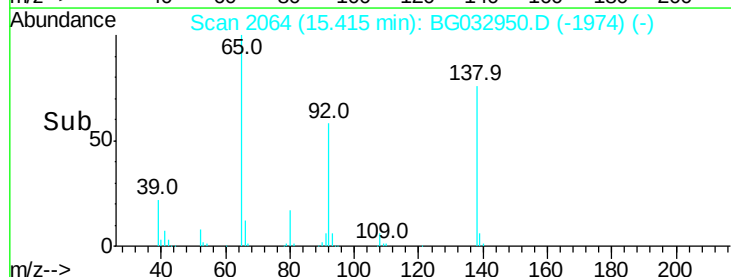
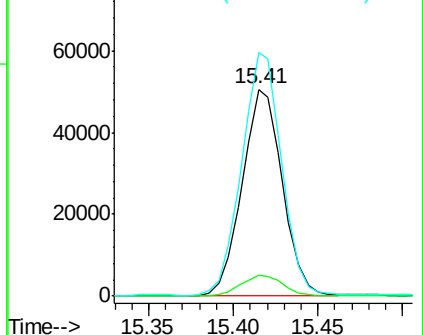
92 117.9 105.8 158.8

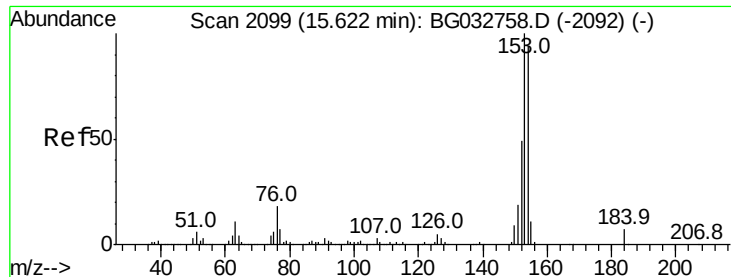


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

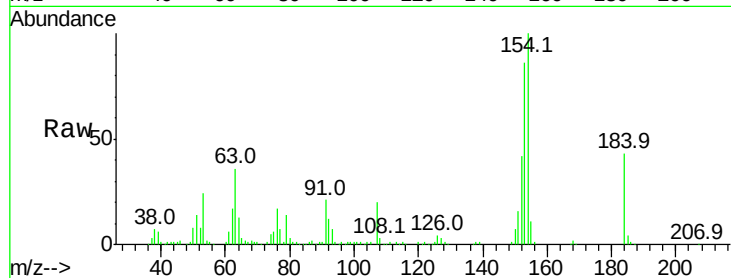




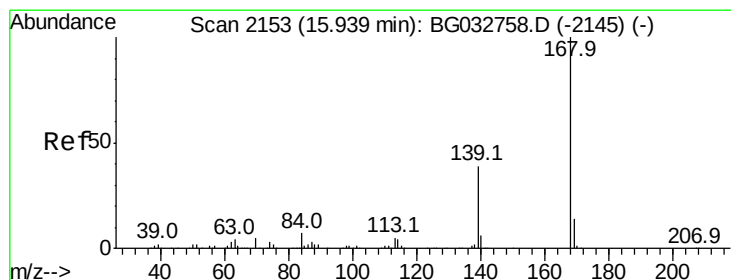
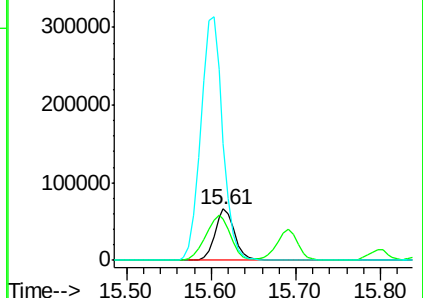
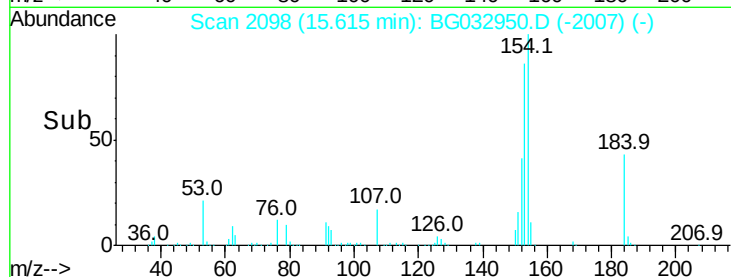
#53
 2,4-Dinitrophenol
 Concen: 126.305 ng
 RT: 15.61 min Scan# 2098
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 111457
 Ion Ratio Lower Upper
 184 100
 63 82.2 59.8 89.8
 154 230.0 101.8 152.8#

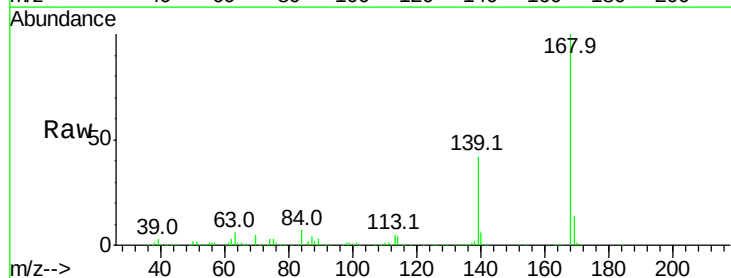


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

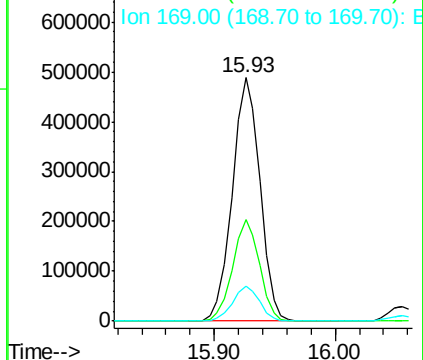
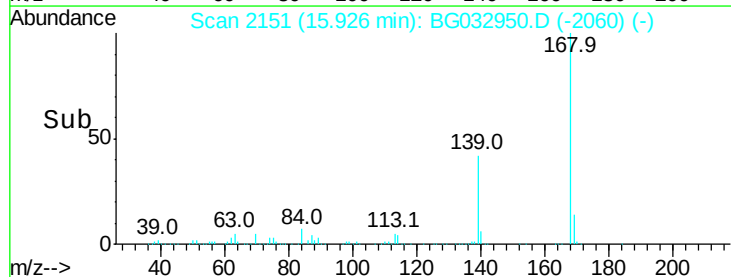


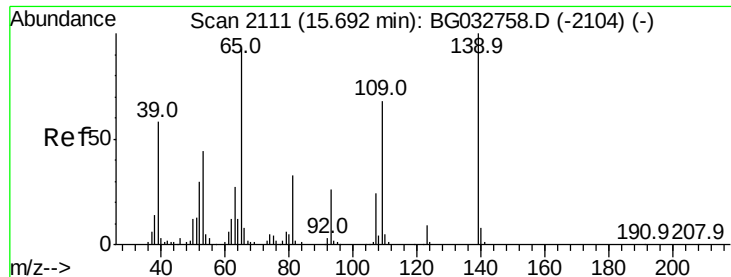
#54
 Dibenzofuran
 Concen: 50.263 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion:168 Resp: 776458
 Ion Ratio Lower Upper
 168 100
 139 41.7 28.6 43.0
 169 14.2 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

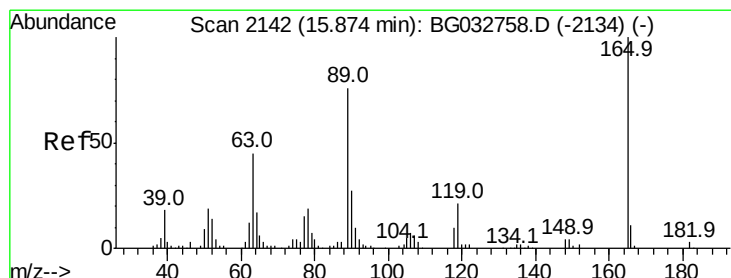
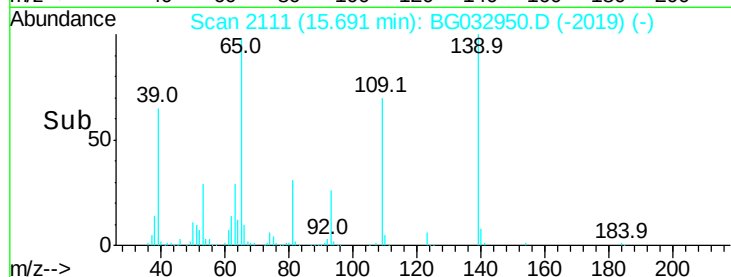
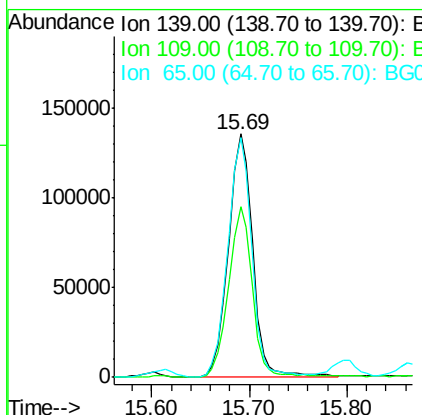
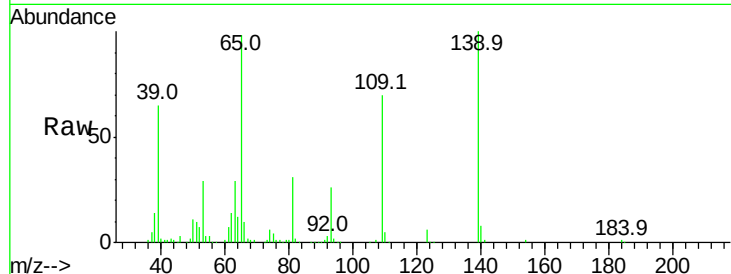




#55
4-Nitrophenol
Concen: 101.190 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

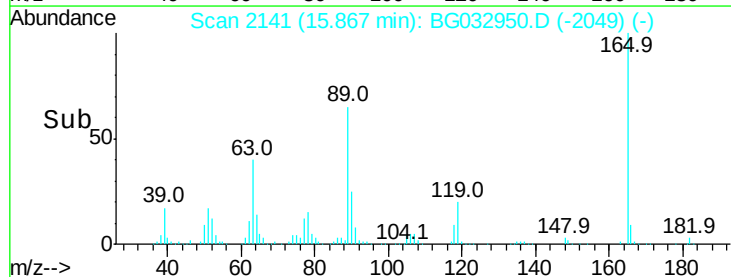
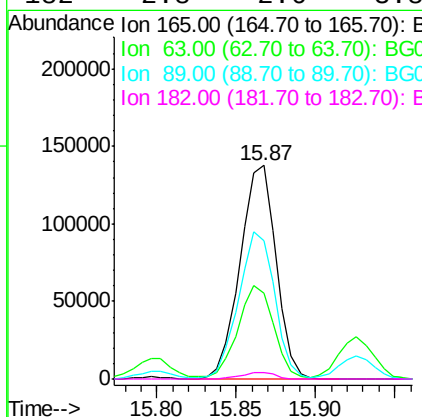
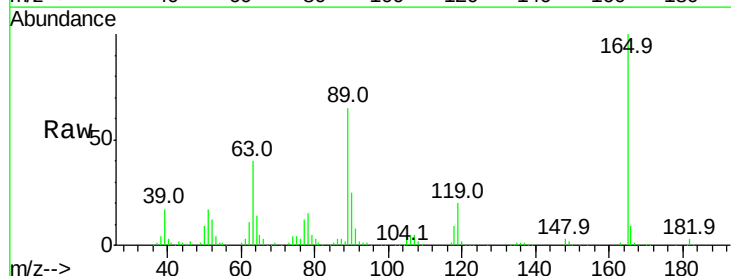
Instrument :
BNA_G
ClientSampleId :

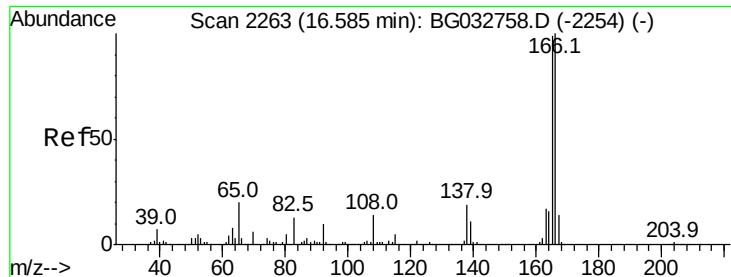
Tot Ion	Ratio	Lower	Upper
139	100		
109	70.2	62.2	102.2
65	98.4	97.2	137.2



#56
2,4-Dinitrotoluene
Concen: 71.202 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.1	42.0	63.0#
89	64.6	66.9	100.3#
182	2.8	2.6	3.8





#57

Fluorene

Concen: 49.726 ng

RT: 16.57 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampled :

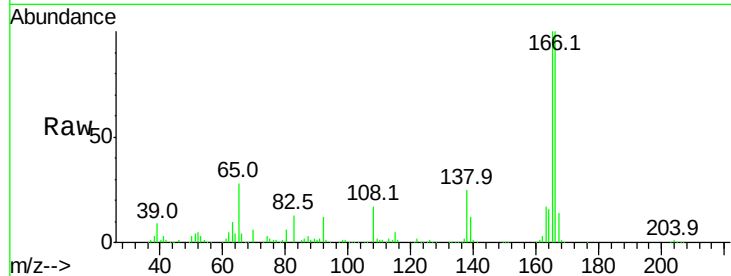
Tot Ion:166 Resp: 634013

Ion Ratio Lower Upper

166 100

165 99.6 80.6 121.0

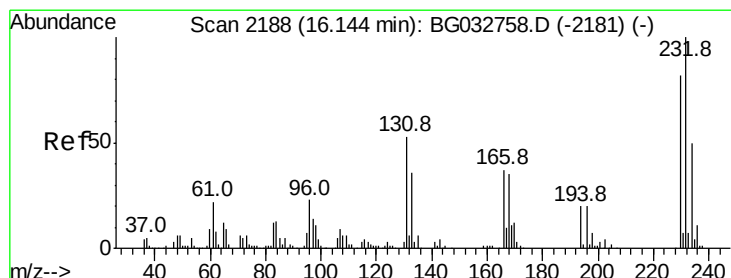
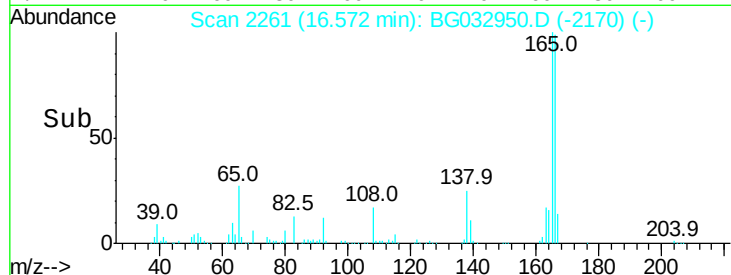
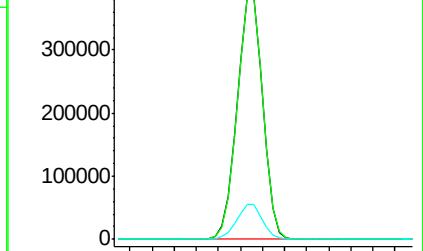
167 14.3 10.4 15.6



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: 58.896 ng

RT: 16.06 min Scan# 2173

Delta R.T. -0.08 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Tgt Ion:232 Resp: 161497

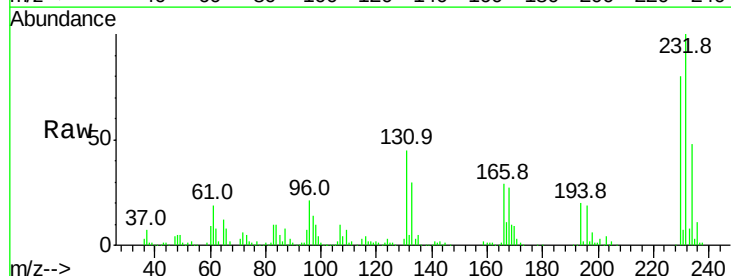
Ion Ratio Lower Upper

232 100

131 45.4 33.5 50.3

130 3.0 2.2 3.2

166 28.6 24.8 37.2

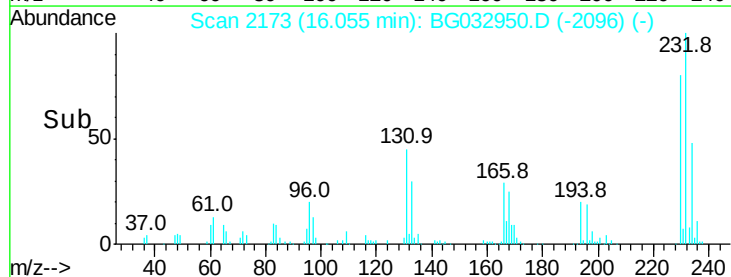
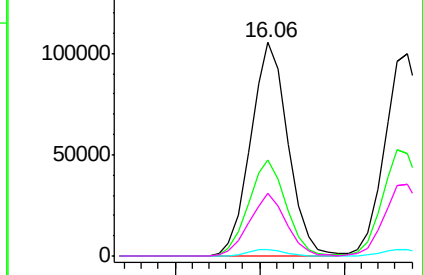


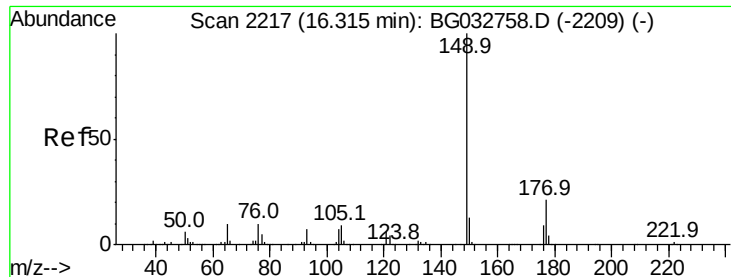
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.496 ng

RT: 16.30 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

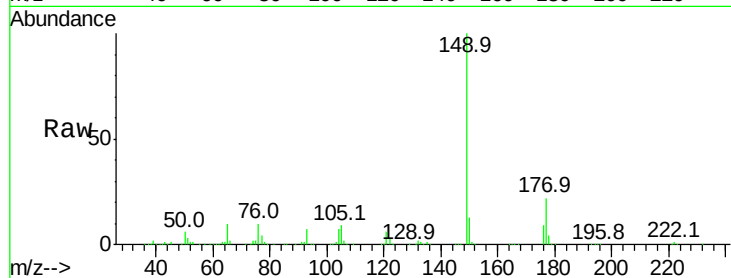
Tot Ion:149 Resp: 722544

Ion Ratio Lower Upper

149 100

177 22.5 18.5 27.7

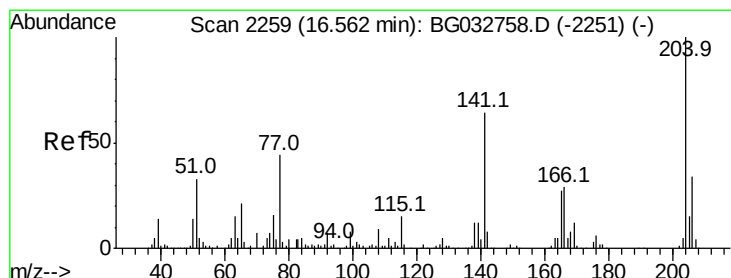
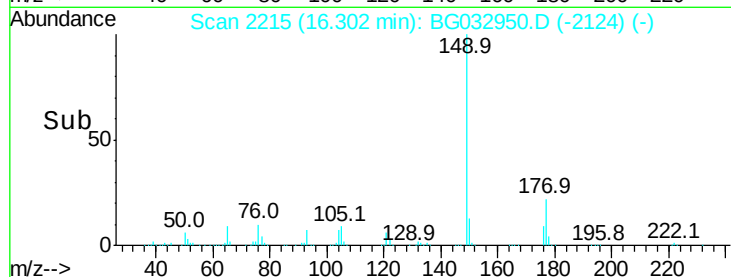
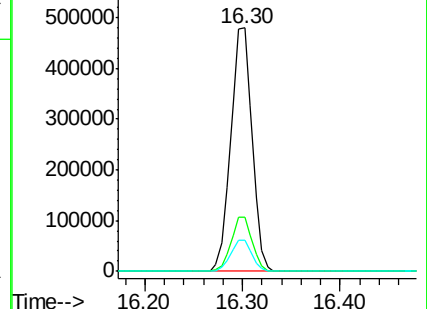
150 12.8 10.2 15.2



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: 50.308 ng

RT: 16.54 min Scan# 2256

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

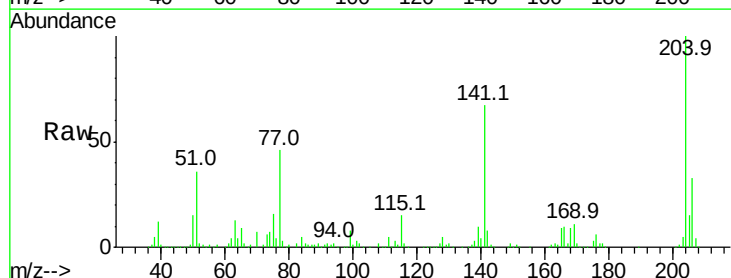
Tgt Ion:204 Resp: 313780

Ion Ratio Lower Upper

204 100

206 33.4 26.2 39.2

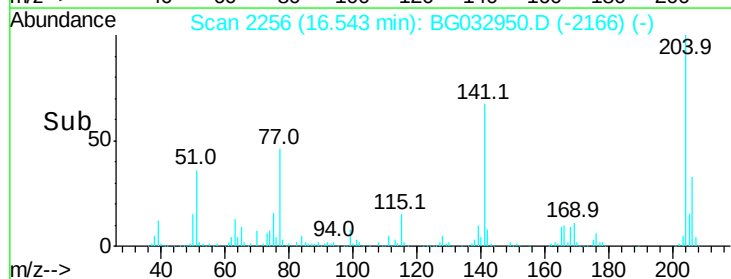
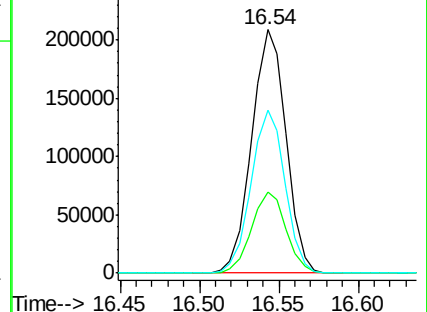
141 66.7 45.8 68.6

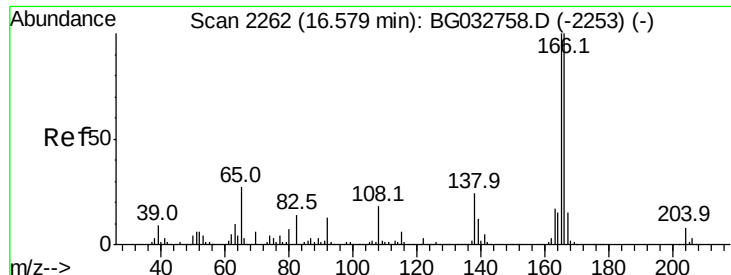


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 52.894 ng

RT: 16.57 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

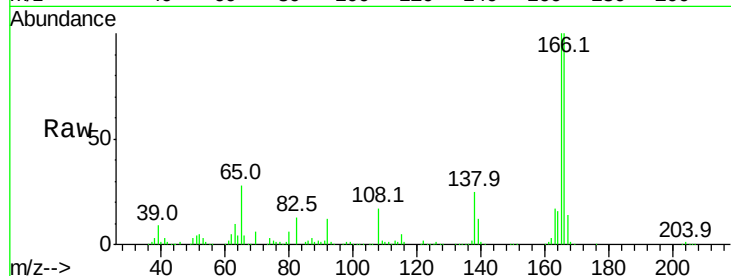
Tot Ion:138 Resp: 160305

Ion Ratio Lower Upper

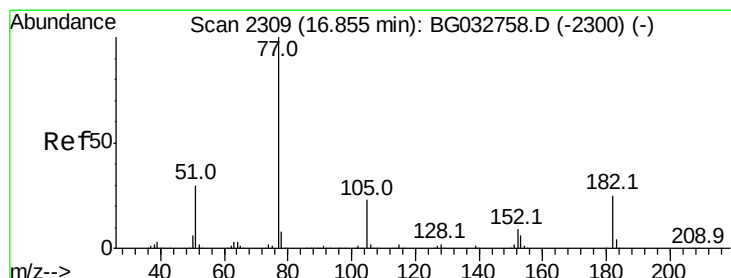
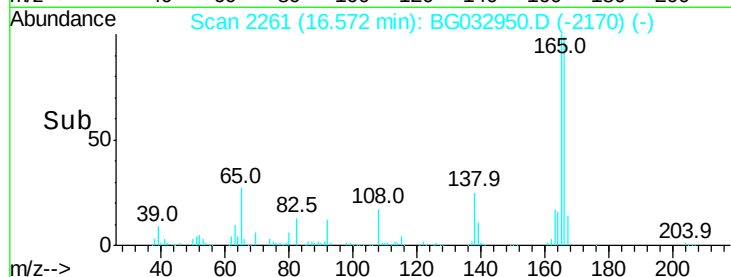
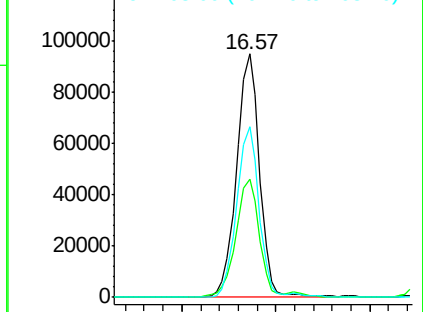
138 100

92 48.5 40.1 80.1

108 70.0 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.587 ng

RT: 16.84 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Tgt Ion: 77 Resp: 660650

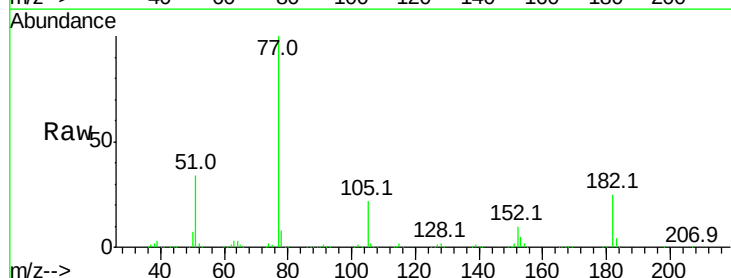
Ion Ratio Lower Upper

77 100

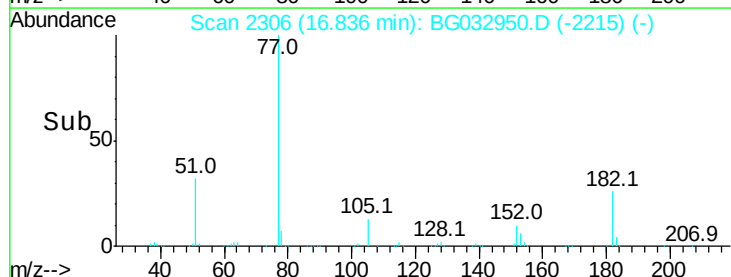
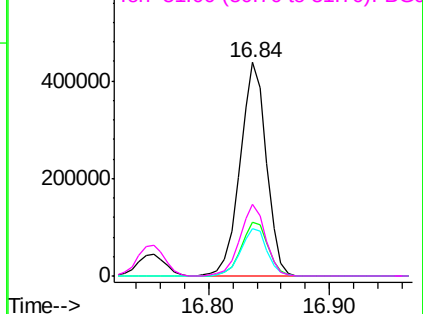
182 25.0 7.4 47.4

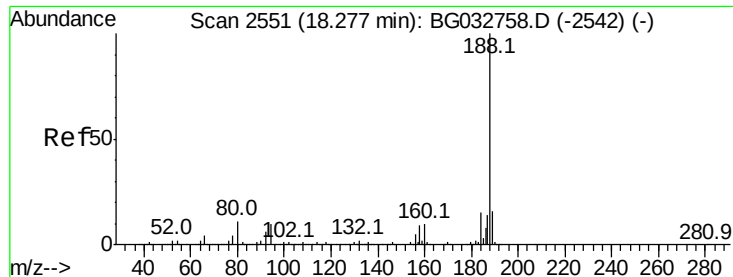
105 22.4 0.3 40.3

51 33.6 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BG
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): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampled :

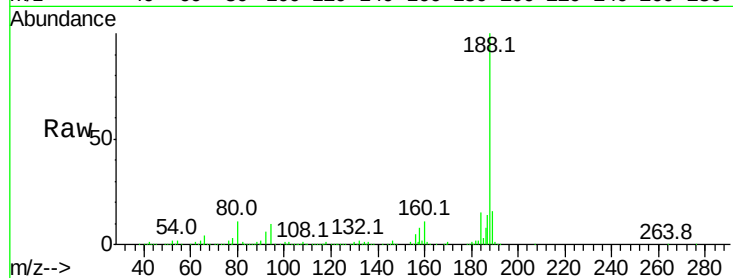
Tot Ion:188 Resp: 365357

Ion Ratio Lower Upper

188 100

94 10.1 6.9 10.3

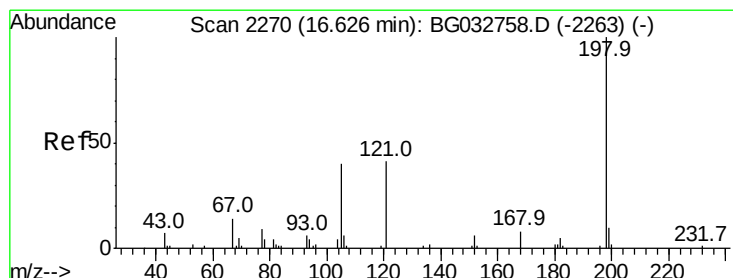
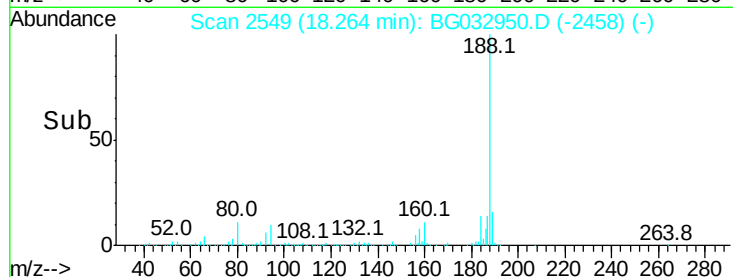
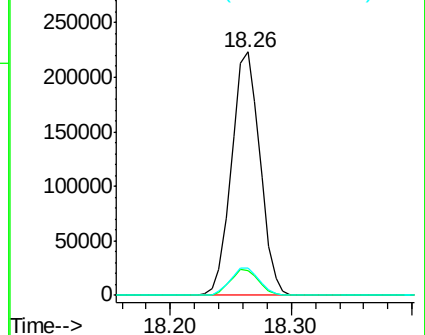
80 11.2 7.7 11.5



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: 71.349 ng

RT: 16.62 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

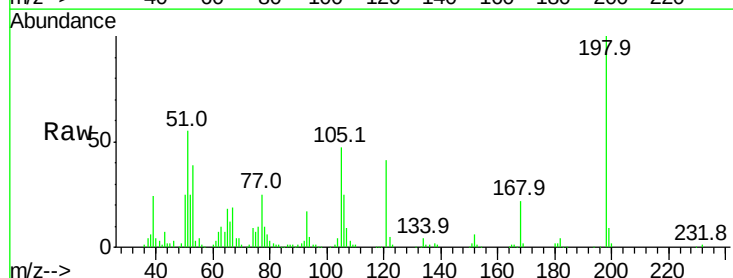
Tgt Ion:198 Resp: 90636

Ion Ratio Lower Upper

198 100

51 54.5 30.6 70.6

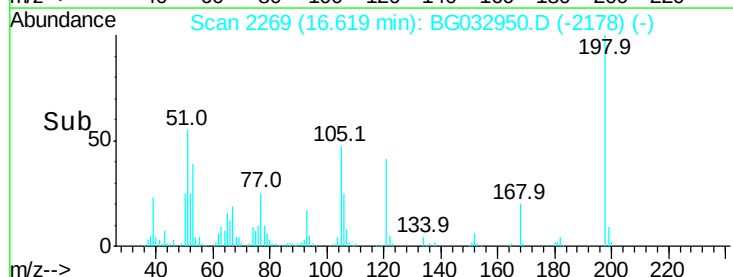
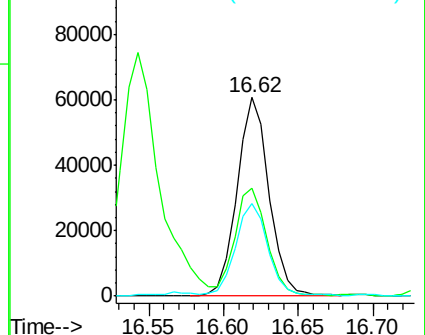
105 46.7 23.8 63.8

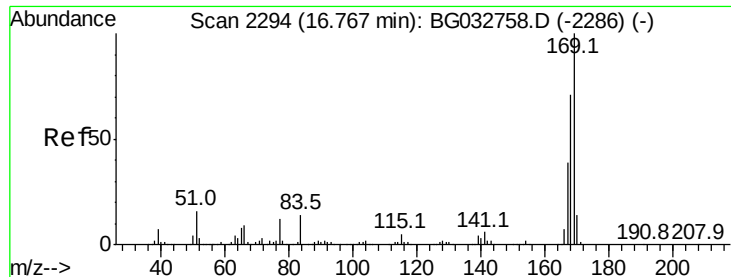


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.824 ng

RT: 16.75 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

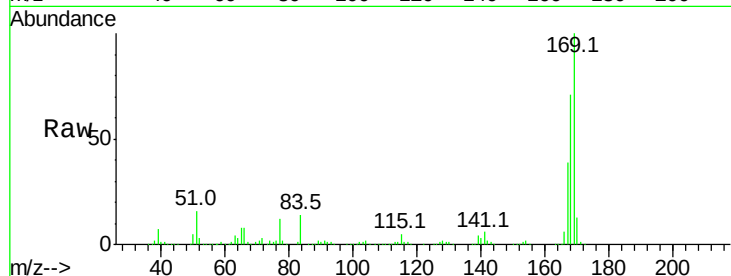
Tot Ion:169 Resp: 592193

Ion Ratio Lower Upper

169 100

168 70.8 55.7 83.5

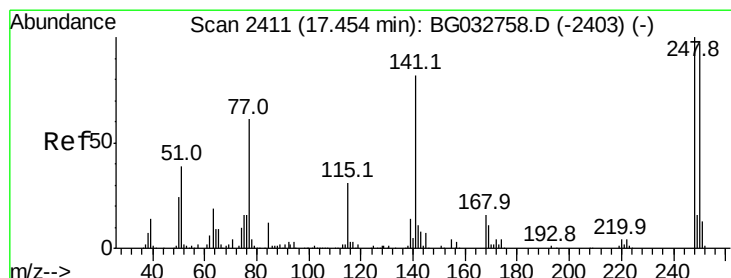
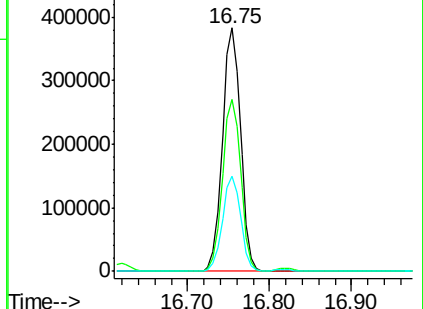
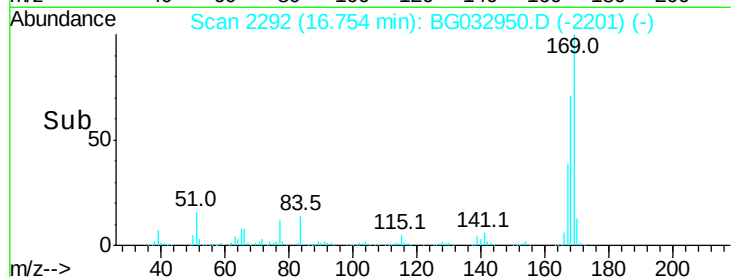
167 39.0 30.1 45.1



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: 48.408 ng

RT: 17.44 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

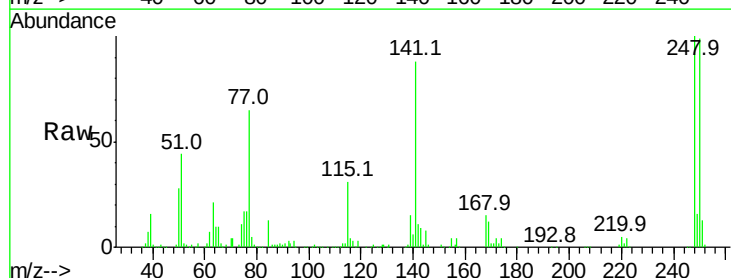
Tgt Ion:248 Resp: 187011

Ion Ratio Lower Upper

248 100

250 98.6 77.1 115.7

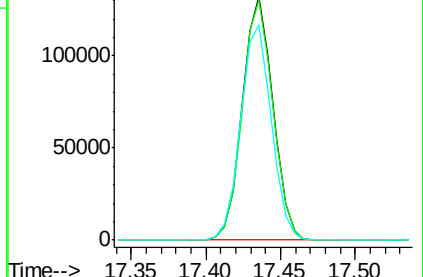
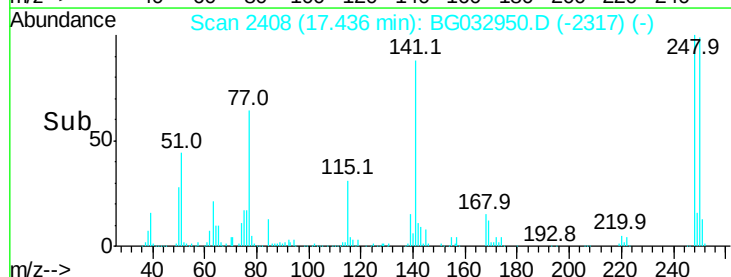
141 88.5 50.8 76.2#

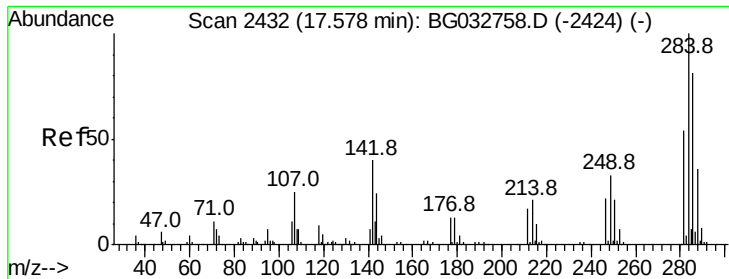


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

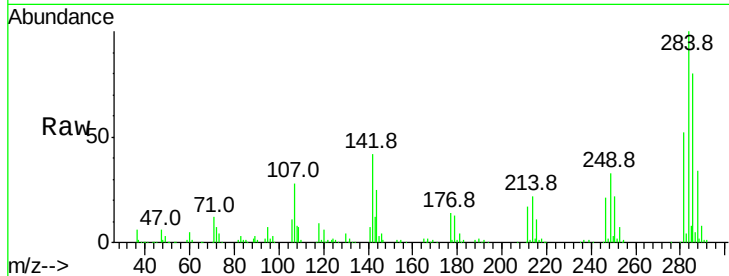




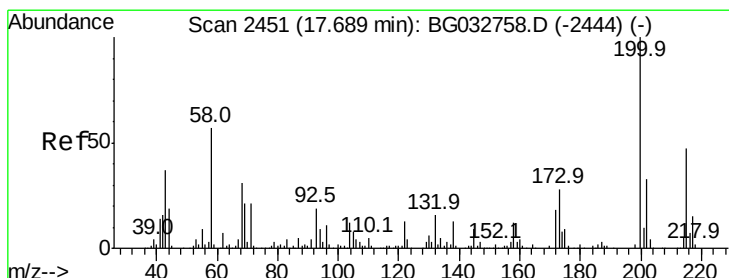
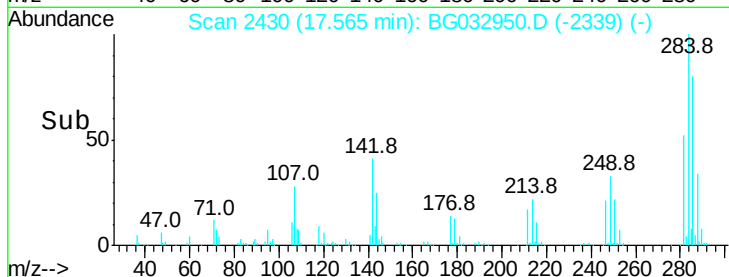
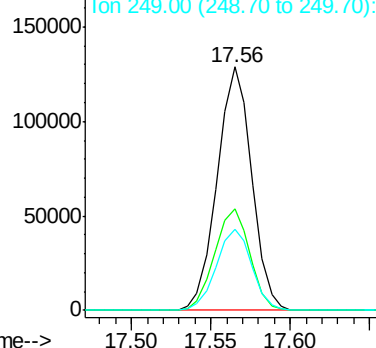
#67
Hexachlorobenzene
Concen: 46.731 ng
RT: 17.56 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 195094
Ion Ratio Lower Upper
284 100
142 41.6 26.8 40.2#
249 33.3 26.3 39.5

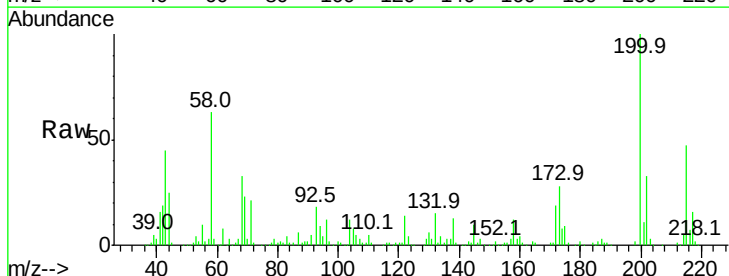


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

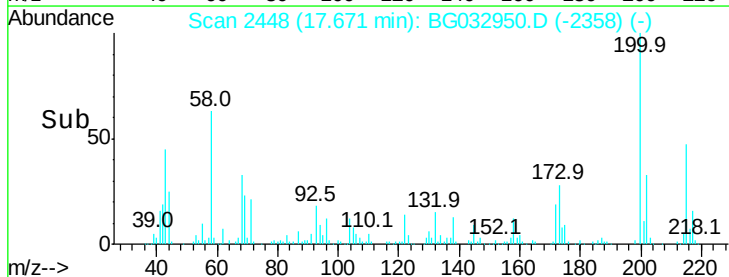
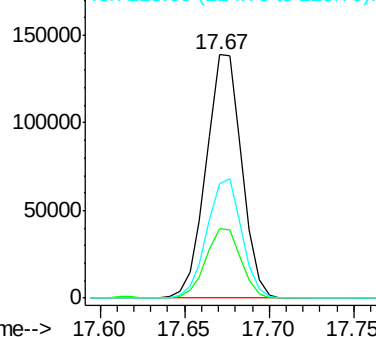


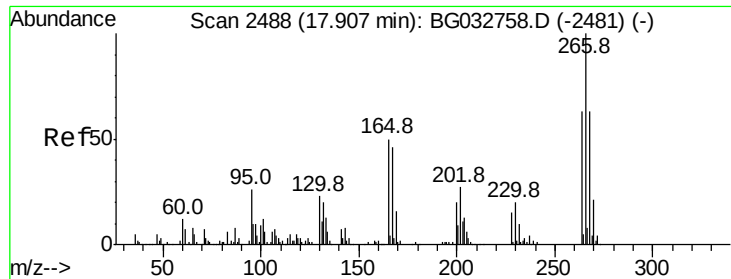
#68
Atrazine
Concen: 52.040 ng
RT: 17.67 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion:200 Resp: 203596
Ion Ratio Lower Upper
200 100
173 28.3 5.2 45.2
215 46.9 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

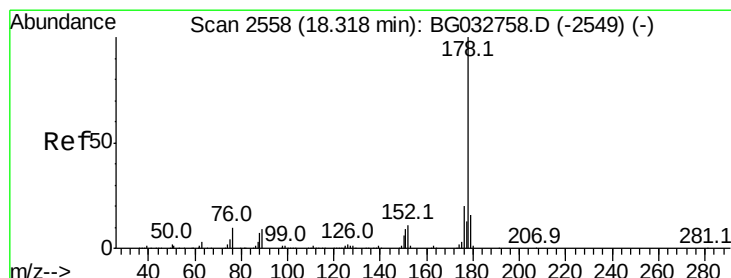
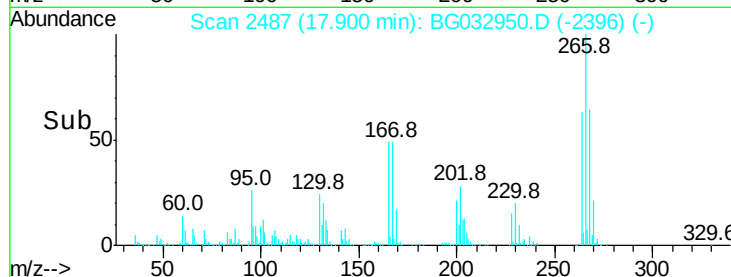
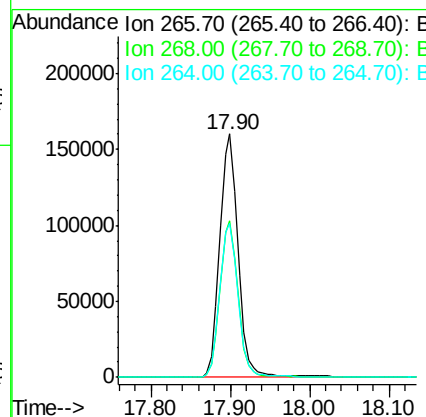
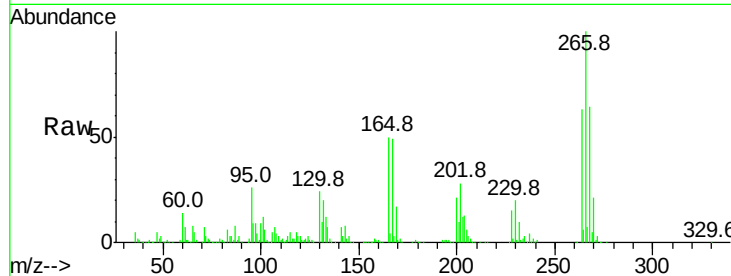




#69
 Pentachlorophenol
 Concen: 97.950 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

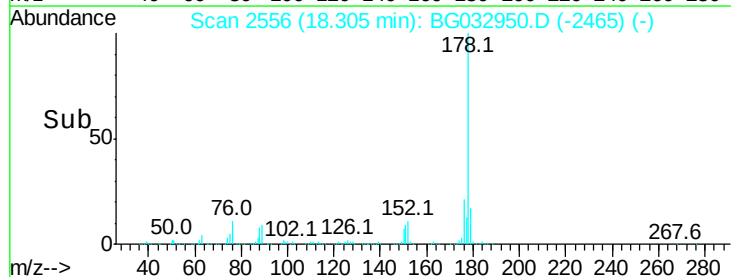
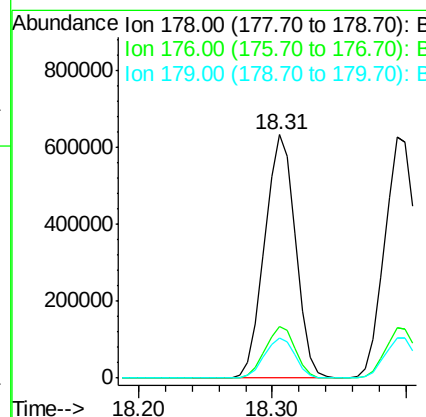
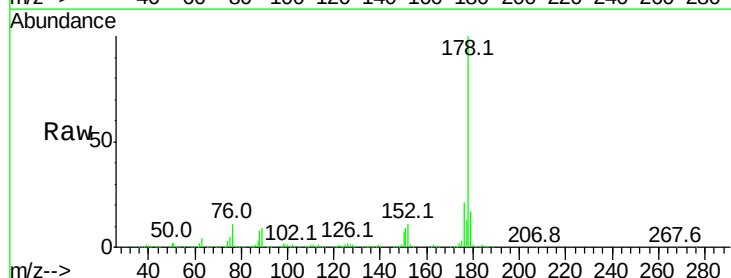
Instrument :
 BNA_G
 ClientSampleId :

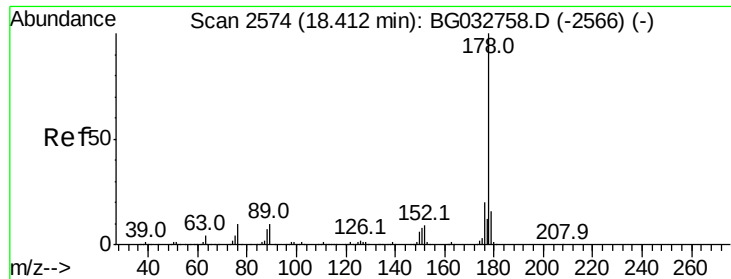
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	63.3	49.6	74.4



#70
 Phenanthrene
 Concen: 49.758 ng
 RT: 18.31 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.7	23.5
179	16.6	12.5	18.7





#71

Anthracene

Concen: 50.217 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

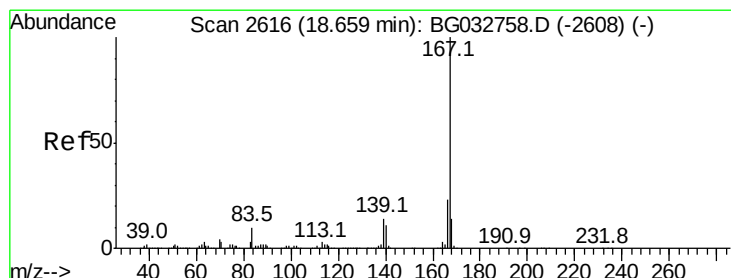
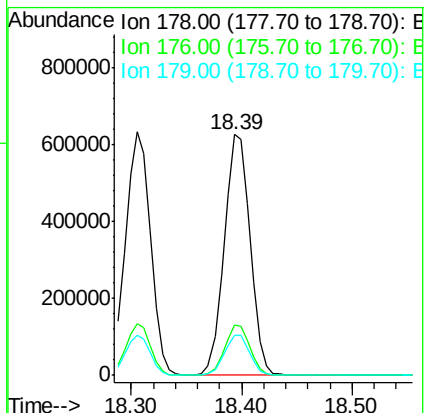
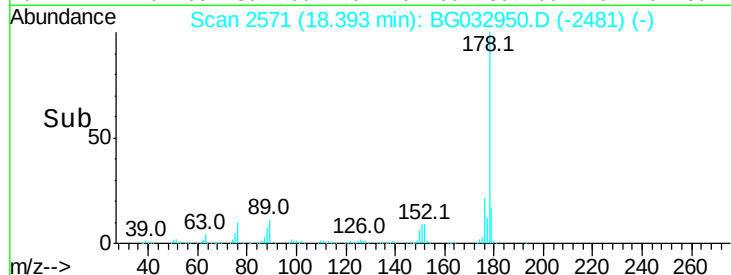
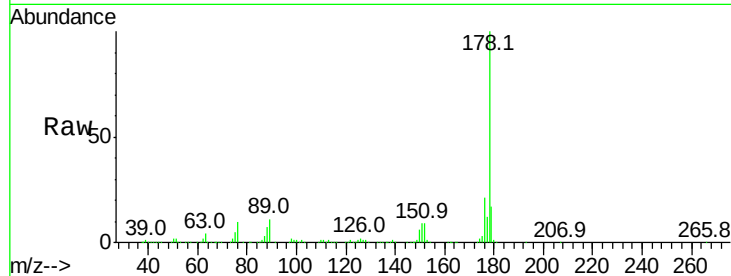
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1027626

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.0	24.0
179	16.9	12.5	18.7



#72

Carbazole

Concen: 47.705 ng

RT: 18.65 min Scan# 2615

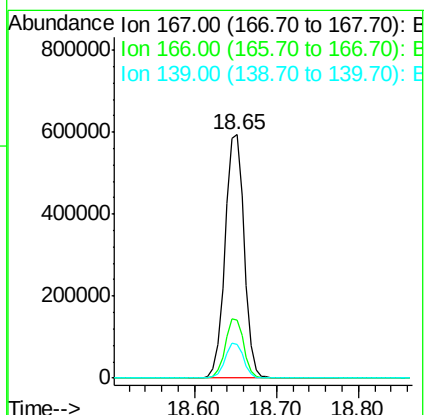
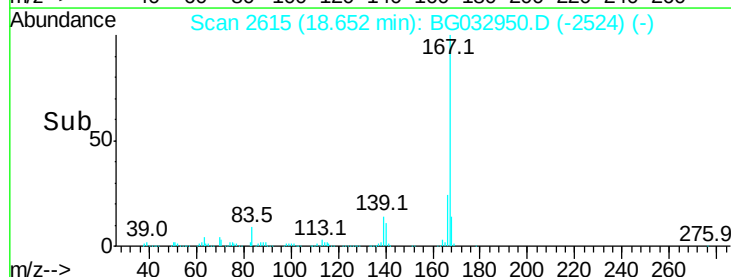
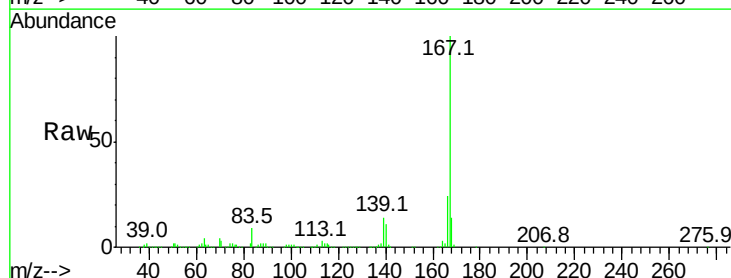
Delta R.T. 0.00 min

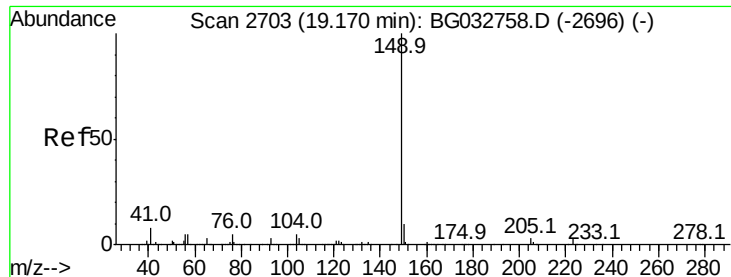
Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Tgt Ion:167 Resp: 962239

Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.2	27.4
139	14.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 48.848 ng

RT: 19.15 min Scan# 2700

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

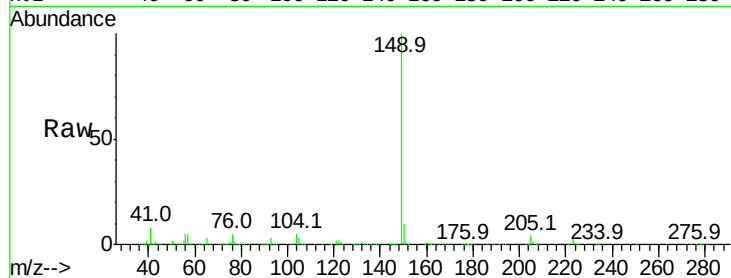
Tot Ion:149 Resp: 1208748

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

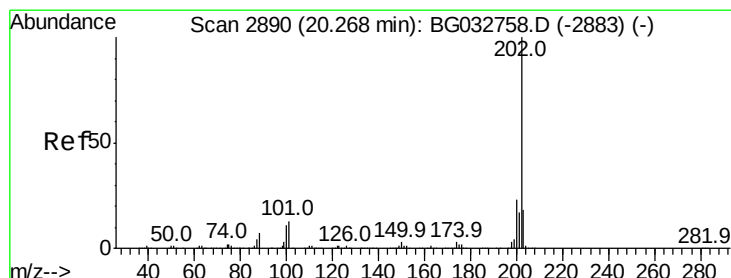
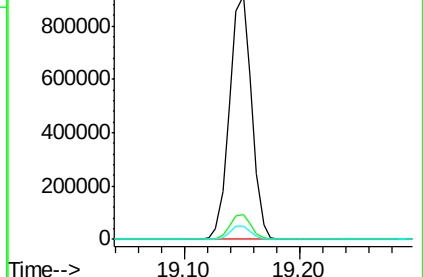
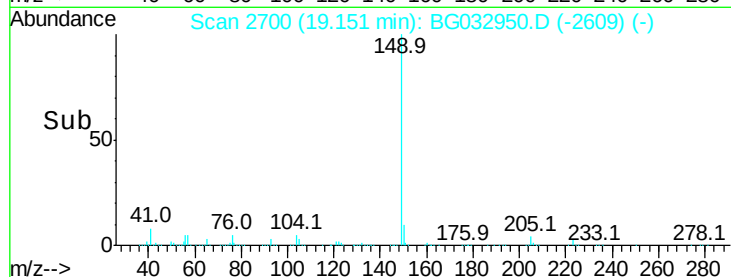
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.407 ng

RT: 20.26 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

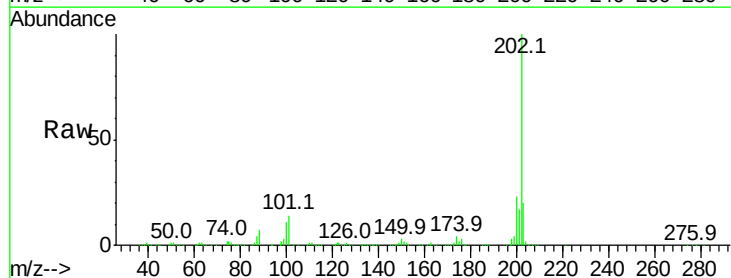
Tgt Ion:202 Resp: 1112454

Ion Ratio Lower Upper

202 100

101 13.6 0.0 28.9

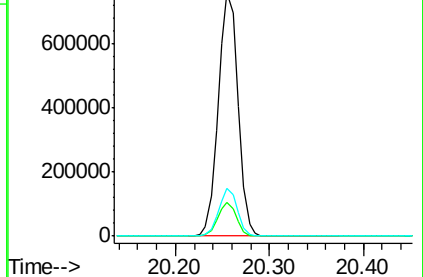
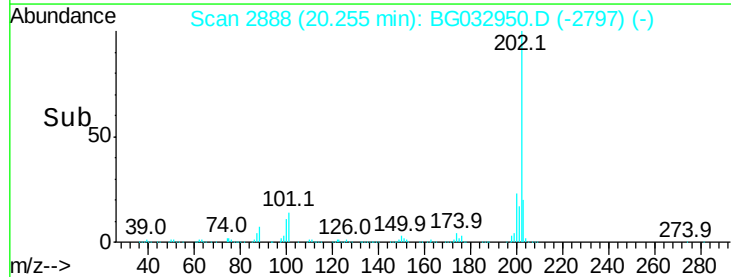
203 19.6 0.0 37.5

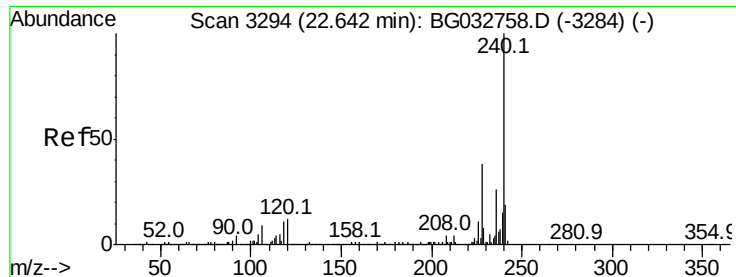


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

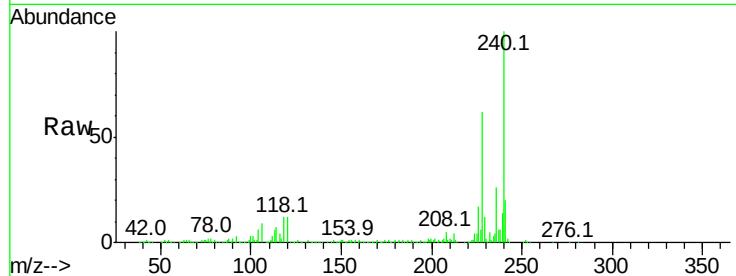
Tot Ion:240 Resp: 329310

Ion Ratio Lower Upper

240 100

120 12.0 6.8 10.2#

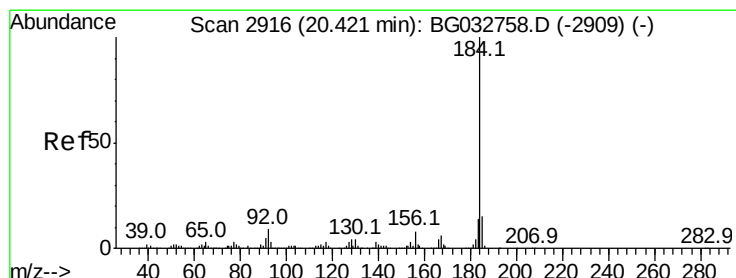
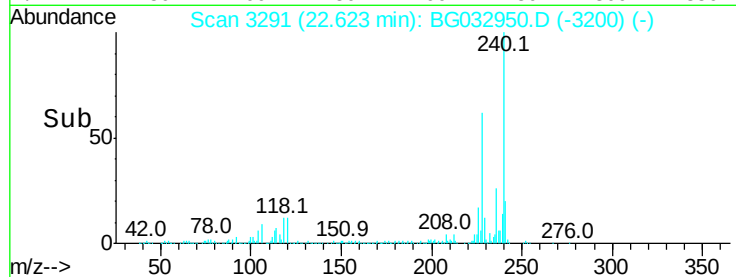
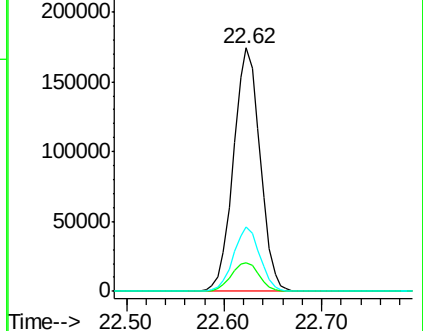
236 26.5 20.9 31.3



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: 10.589 ng

RT: 20.41 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

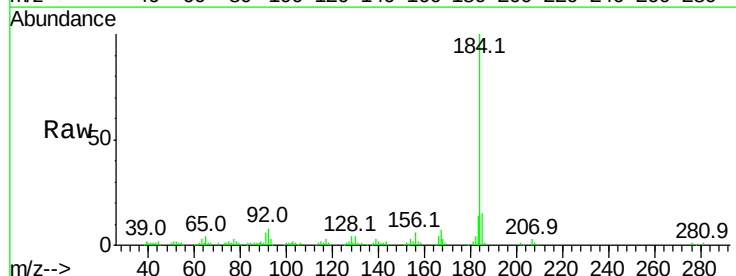
Tgt Ion:184 Resp: 118863

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

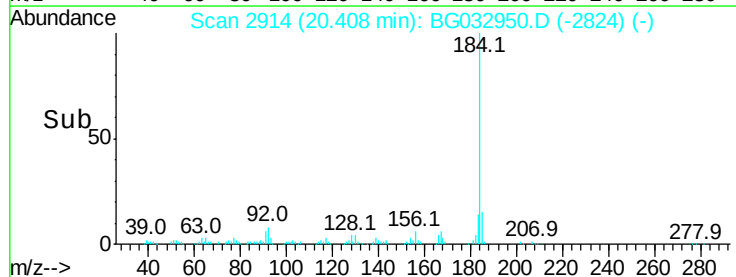
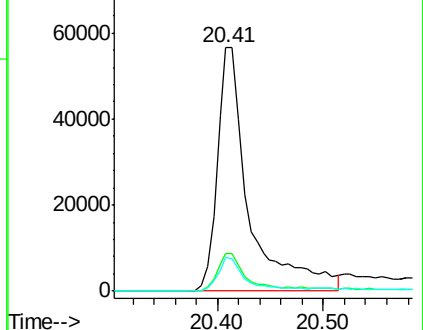
183 13.7 10.6 16.0

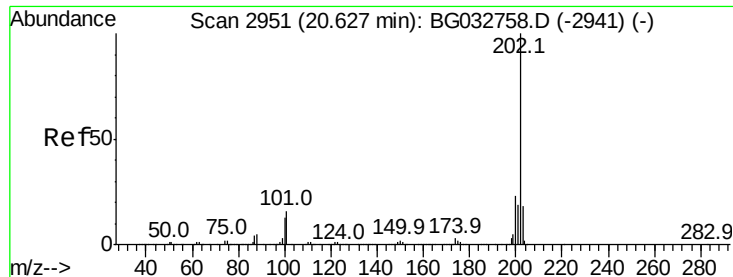


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.094 ng

RT: 20.61 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

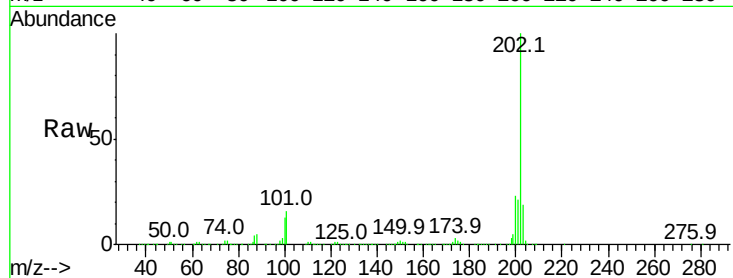
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1116890

Ion	Ratio	Lower	Upper
202	100		
200	23.4	16.9	25.3
203	19.4	13.9	20.9

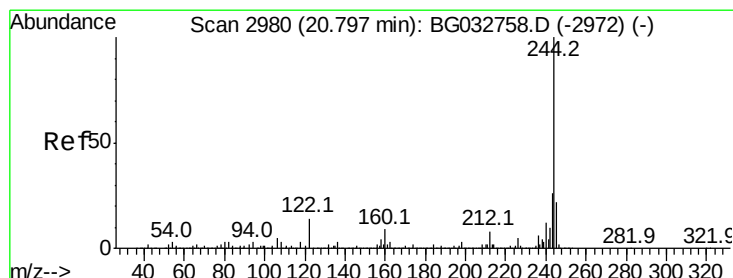
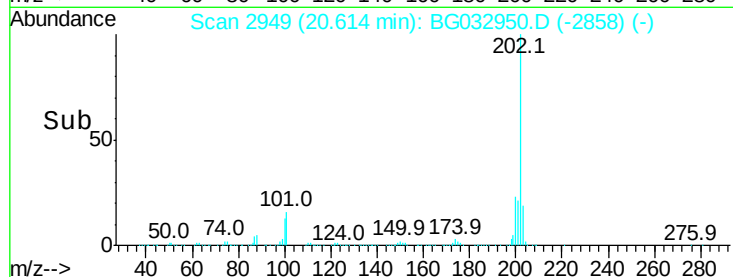
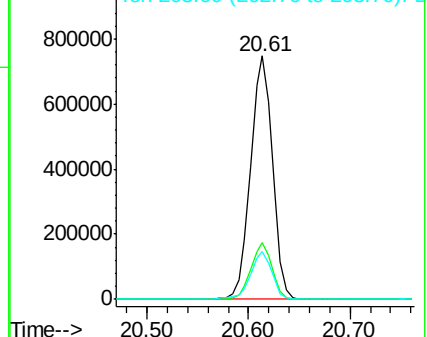


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 102.822 ng

RT: 20.78 min Scan# 2977

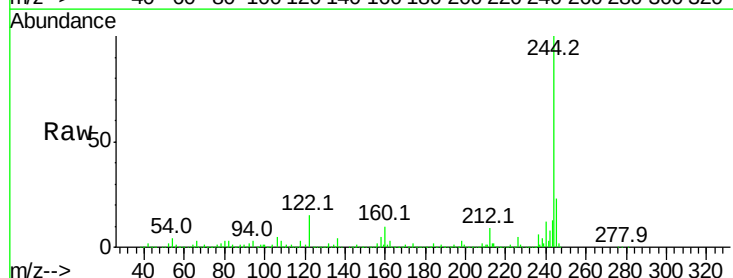
Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Tgt Ion:244 Resp: 1507099

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	15.2	7.0	10.4#

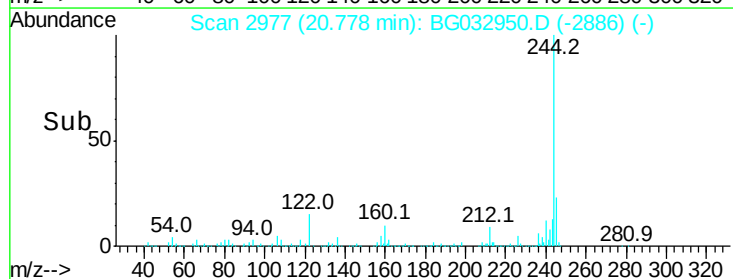
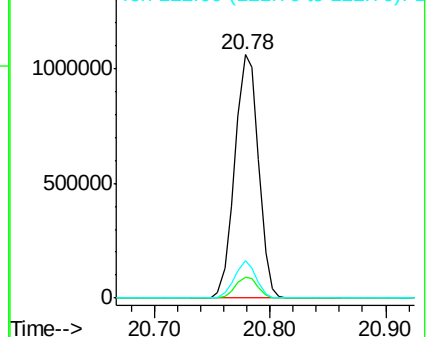


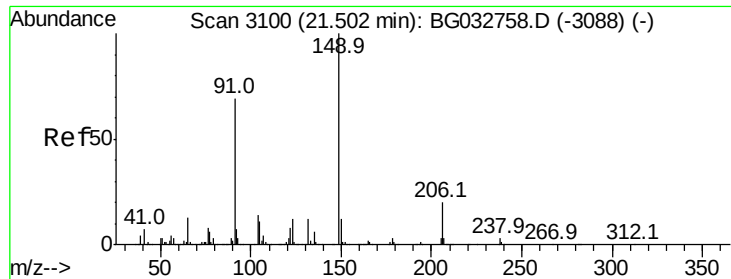
Abundance

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

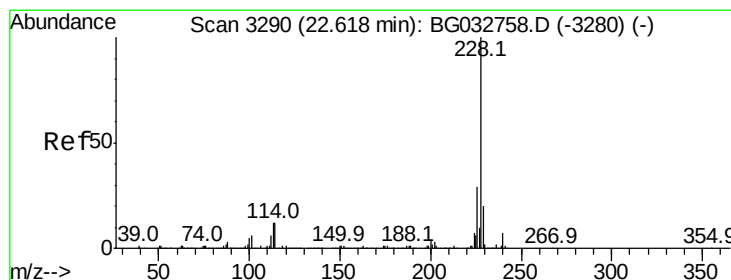
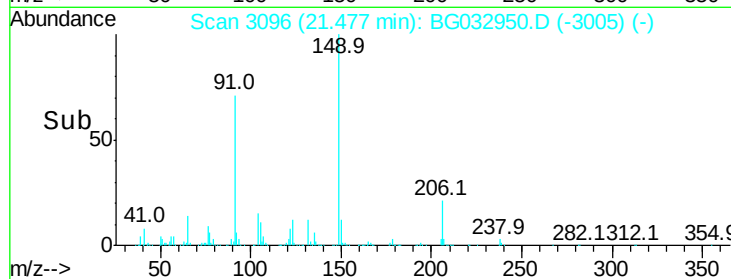
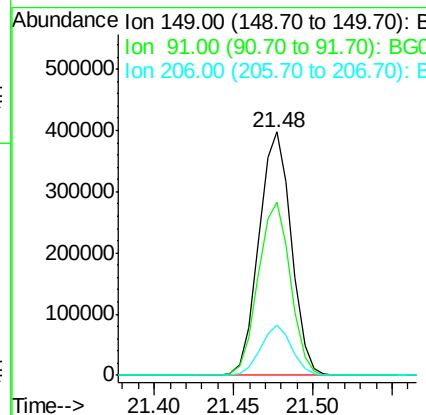
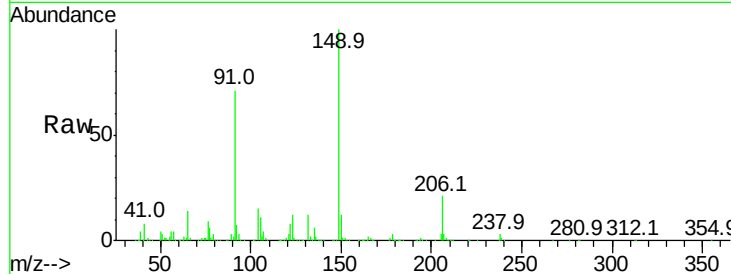




#79
Butylbenzylphthalate
Concen: 55.012 ng
RT: 21.48 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

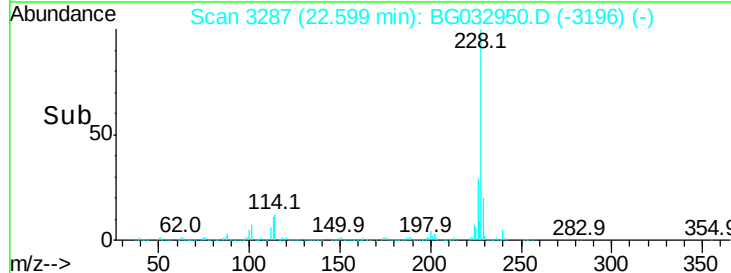
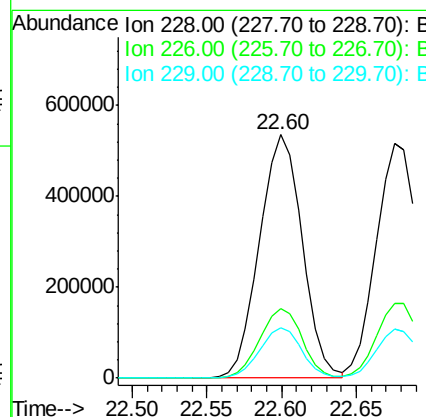
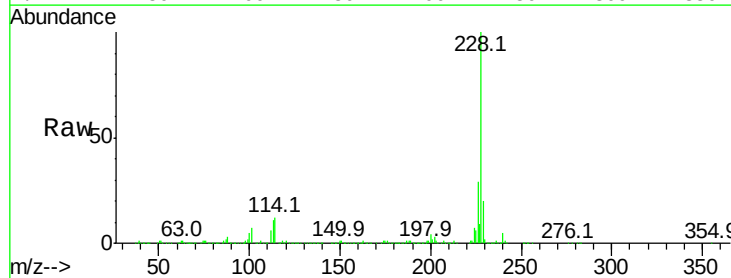
Instrument :
BNA_G
ClientSampleId :

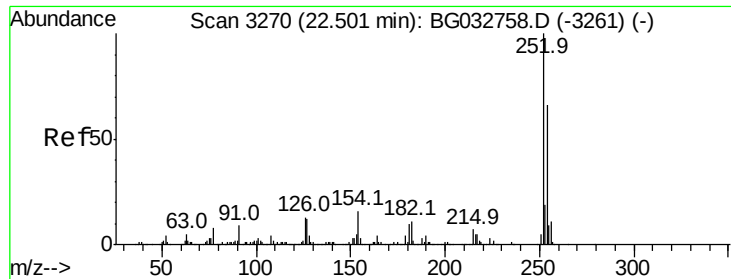
Tot Ion:149 Resp: 566427
Ion Ratio Lower Upper
149 100
91 71.1 62.2 93.2
206 20.7 18.6 27.8



#80
Benzo(a)anthracene
Concen: 50.360 ng
RT: 22.60 min Scan# 3287
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion:228 Resp: 1063460
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 20.5 16.2 24.2

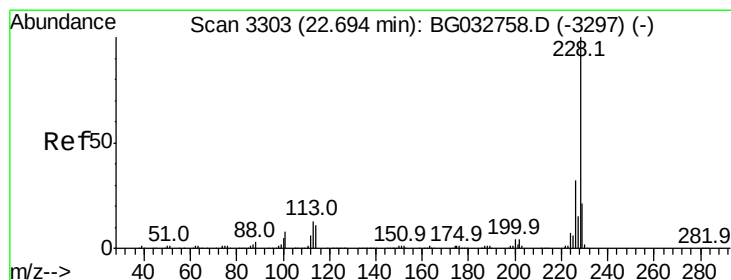
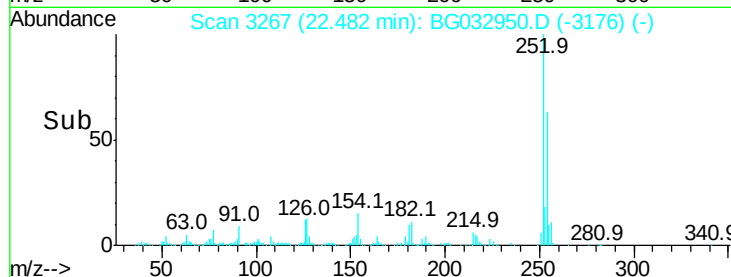
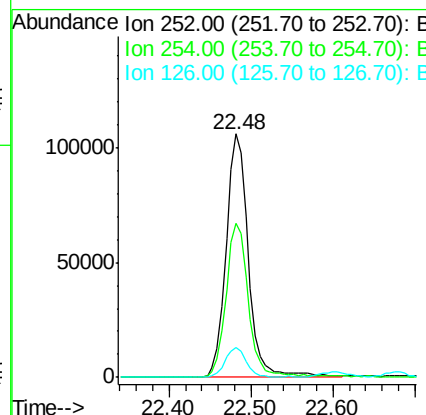
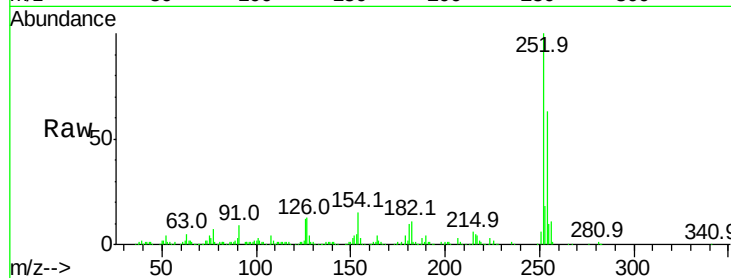




#81
 3,3'-Dichlorobenzidine
 Concen: 25.722 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

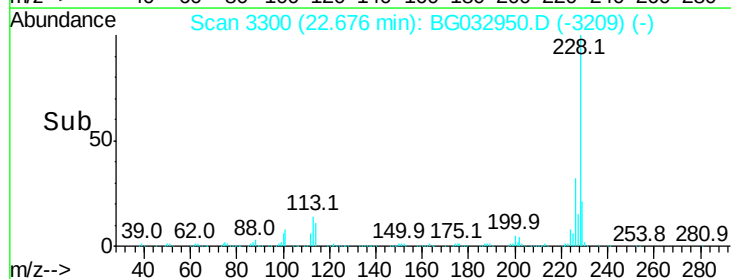
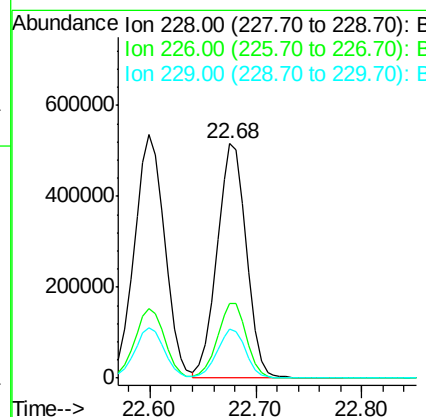
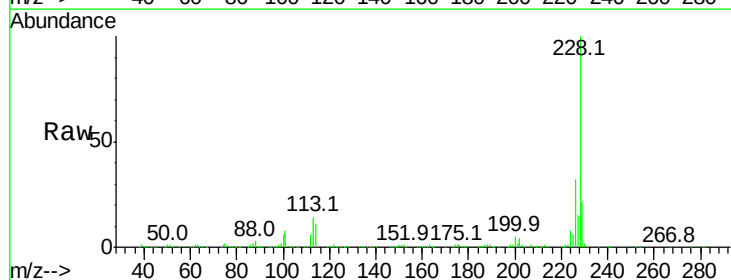
Instrument :
 BNA_G
 ClientSampled :

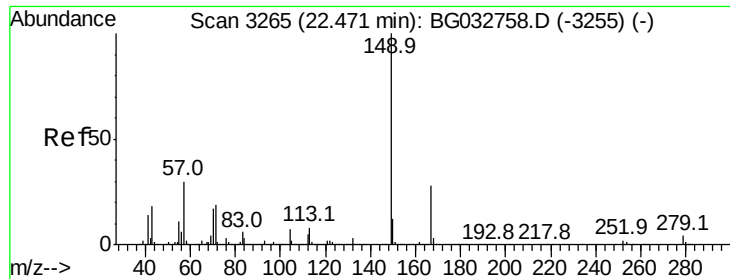
Tot Ion:252 Resp: 201173
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.8 76.2
 126 12.4 7.4 11.2#



#82
 Chrysene
 Concen: 49.097 ng
 RT: 22.68 min Scan# 3300
 Delta R.T. 0.00 min
 Lab File: BG032950.D
 Acq: 2 Mar 2018 17:54

Tgt Ion:228 Resp: 990393
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.9 37.3
 229 21.0 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.685 ng

RT: 22.43 min Scan# 3258

Delta R.T. -0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

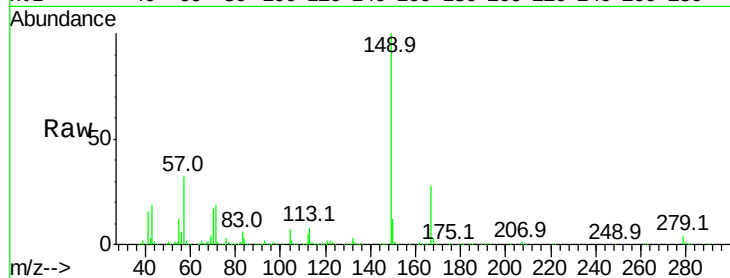
Tot Ion:149 Resp: 802972

Ion Ratio Lower Upper

149 100

167 28.4 24.3 36.5

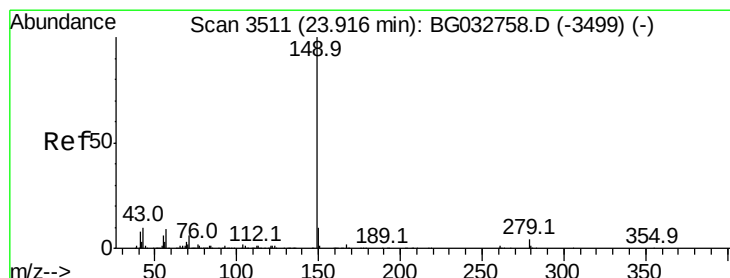
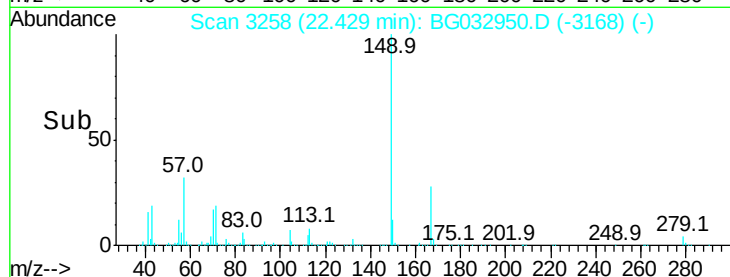
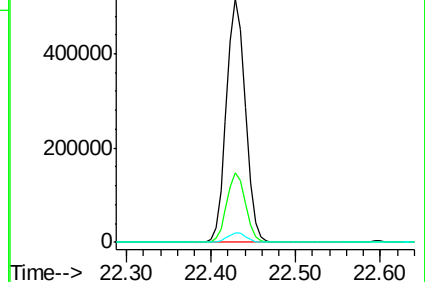
279 3.9 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 58.999 ng

RT: 23.85 min Scan# 3500

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

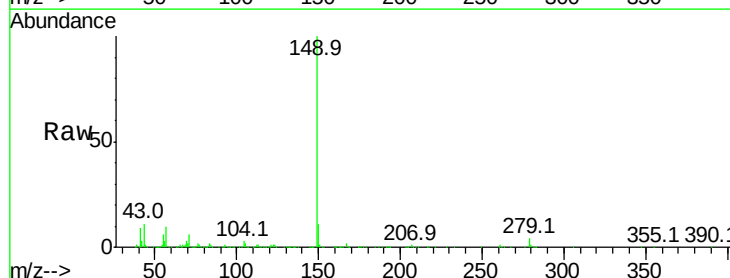
Tgt Ion:149 Resp: 1370609

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

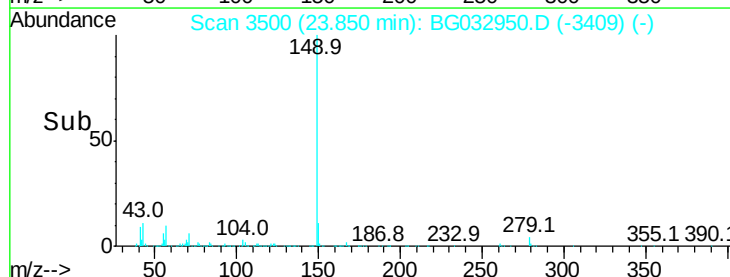
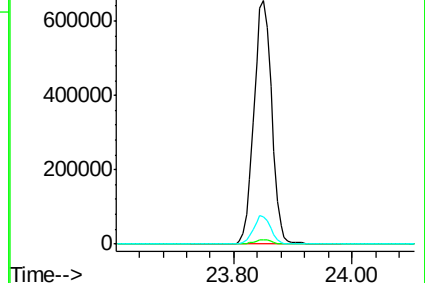
43 11.1 8.9 13.3

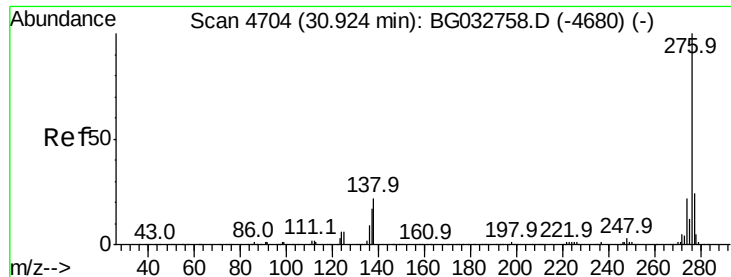


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.160 ng

RT: 30.86 min Scan# 4694

Delta R.T. 0.01 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :

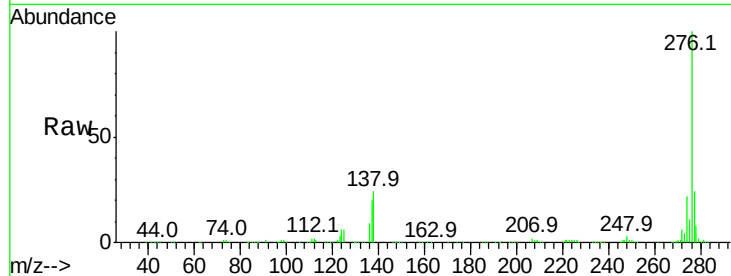
Tot Ion:276 Resp: 1132975

Ion Ratio Lower Upper

276 100

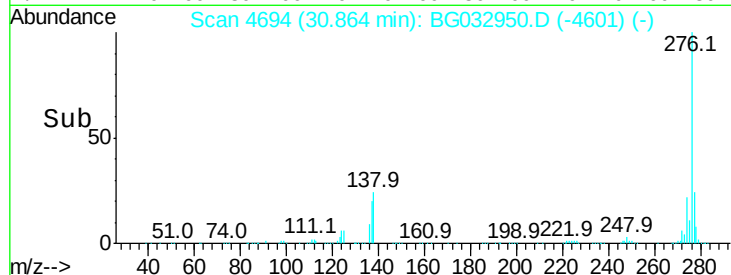
138 17.7 16.0 24.0

277 25.7 20.0 30.0

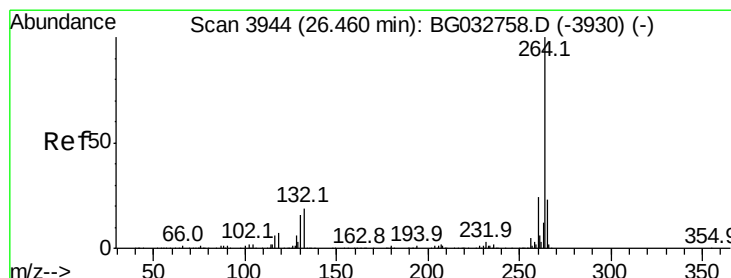


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

30.86



Time--> 30.50 31.00



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.43 min Scan# 3939

Delta R.T. 0.00 min

Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

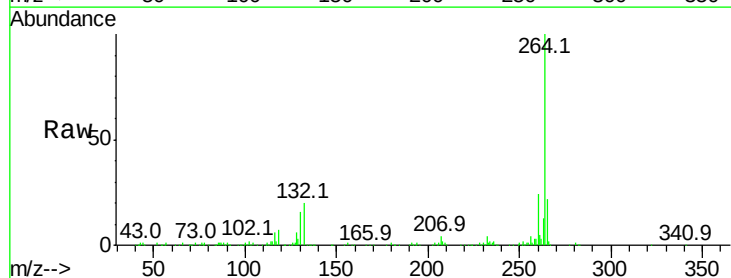
Tgt Ion:264 Resp: 348620

Ion Ratio Lower Upper

264 100

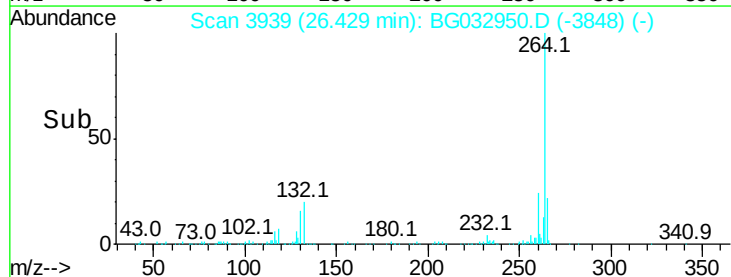
260 23.7 17.4 26.0

265 22.2 17.7 26.5

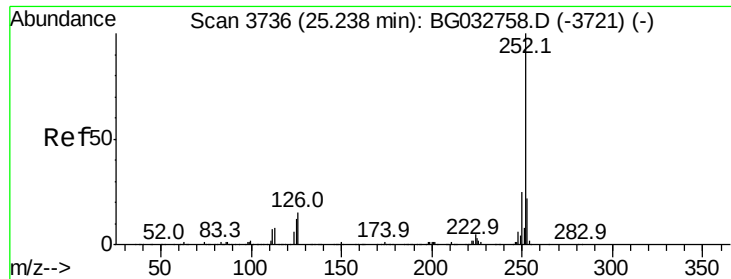


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

26.43



Time--> 26.30 26.50



#87

Benzo(b)fluoranthene

Concen: 51.893 ng

RT: 25.21 min Scan# 3731

Delta R.T. 0.00 min

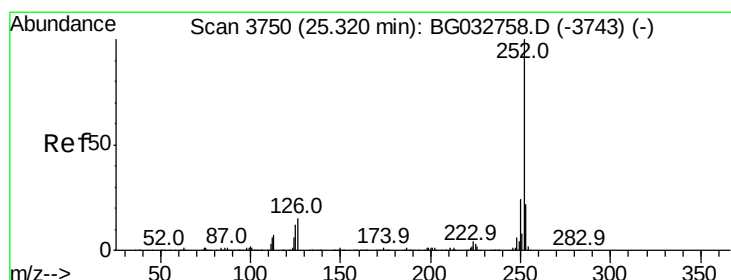
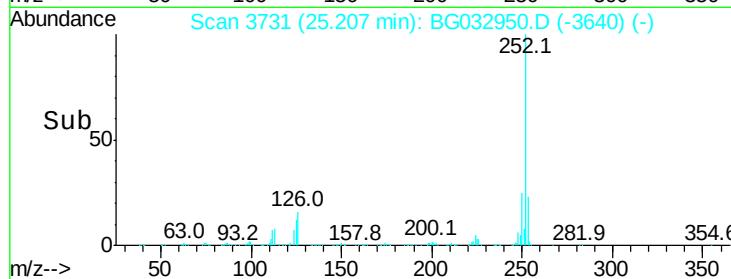
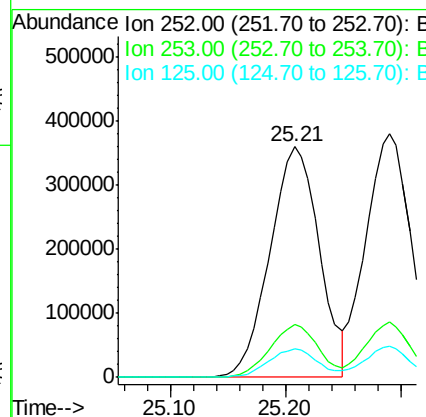
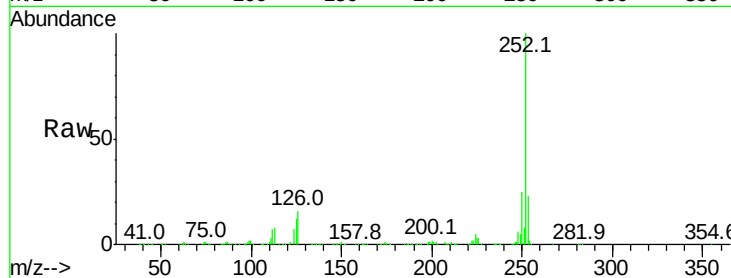
Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1069670

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	12.5	7.2	10.8#



#88

Benzo(k)fluoranthene

Concen: 50.613 ng

RT: 25.29 min Scan# 3745

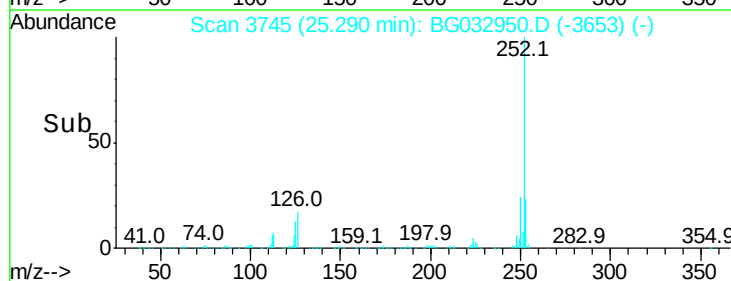
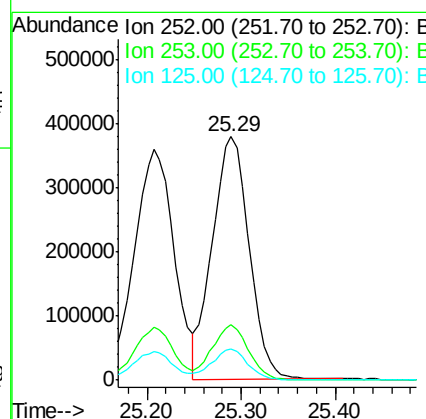
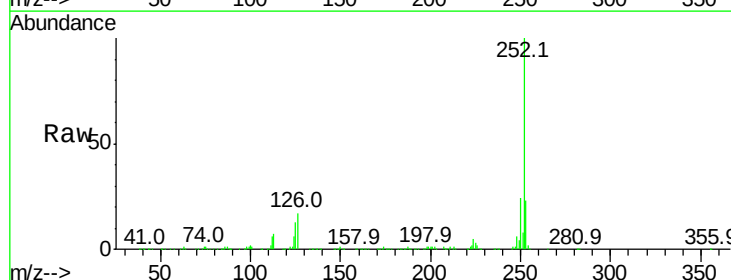
Delta R.T. 0.01 min

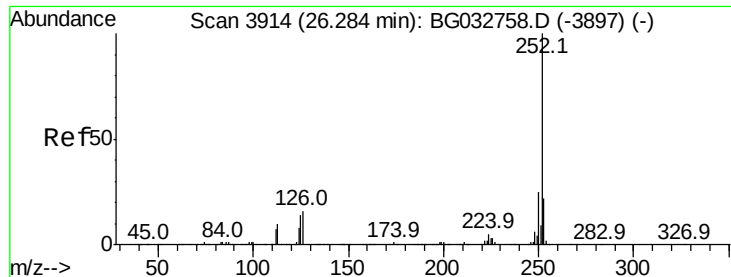
Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Tgt Ion:252 Resp: 1036847

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	12.8	6.6	9.8#

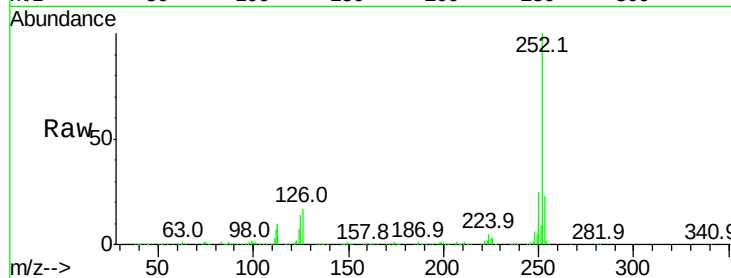




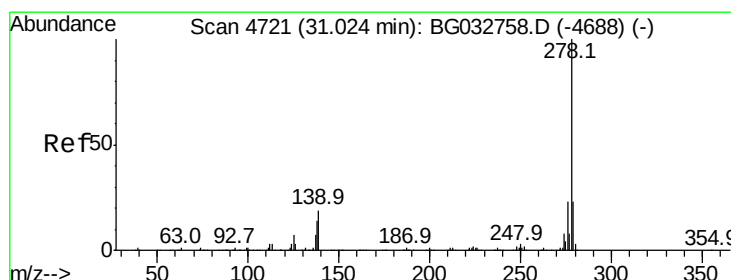
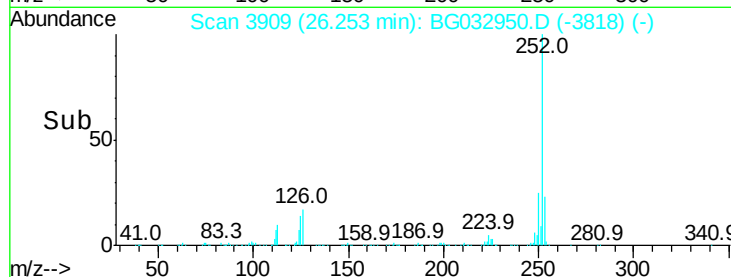
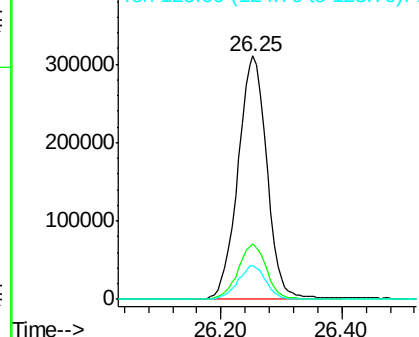
#89
Benzo(a)pyrene
Concen: 52.589 ng
RT: 26.25 min Scan# 3909
Delta R.T. 0.00 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1031046
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 13.9 7.3 10.9#

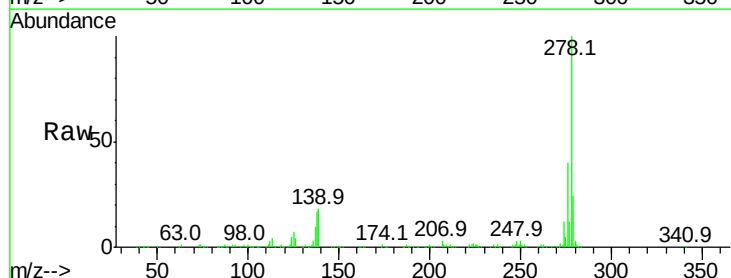


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

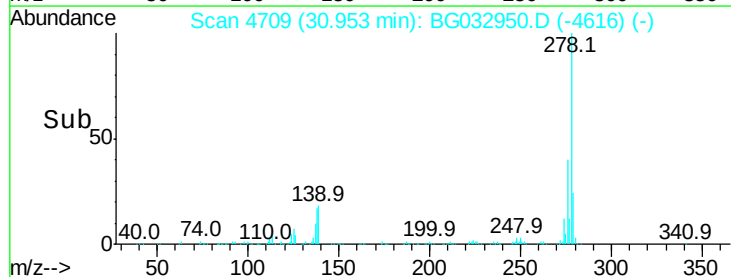
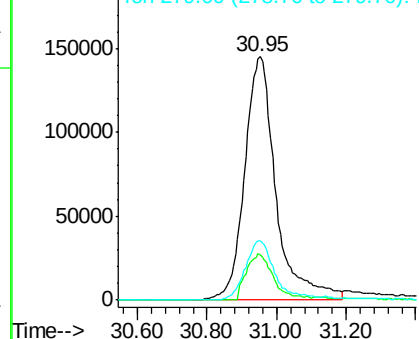


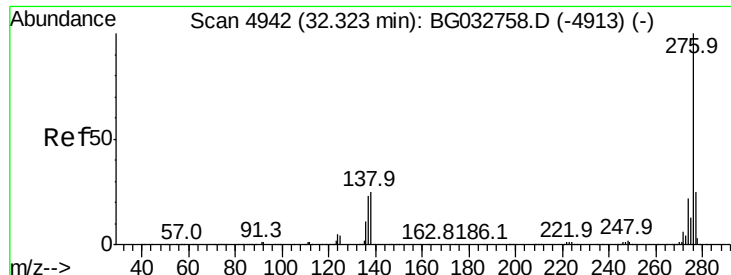
#90
Dibenzo(a,h)anthracene
Concen: 46.101 ng
RT: 30.95 min Scan# 4709
Delta R.T. 0.01 min
Lab File: BG032950.D
Acq: 2 Mar 2018 17:54

Tgt Ion:278 Resp: 909772
Ion Ratio Lower Upper
278 100
139 18.3 9.8 14.6#
279 24.2 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.996 ng

RT: 32.26 min Scan# 4932

Delta R.T. 0.01 min

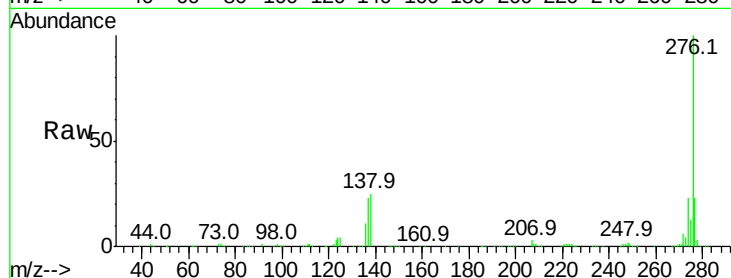
Lab File: BG032950.D

Acq: 2 Mar 2018 17:54

Instrument :

BNA_G

ClientSampleId :



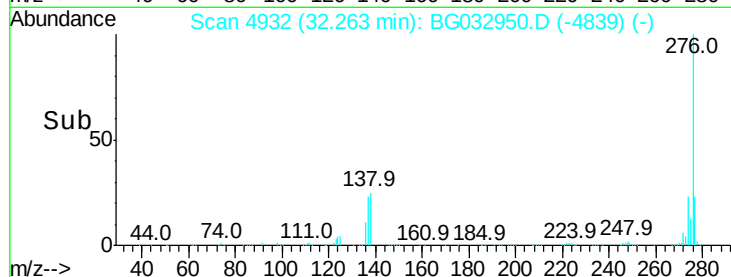
Tot Ion: 276 Resp: 933701

Ion Ratio Lower Upper

276 100

277 23.0 18.3 27.5

138 25.4 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

200000

150000

100000

50000

0

32.26

32.20 32.40

Time-->