

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070517\
 Data File : BG027850.D
 Acq On : 5 Jul 2017 16:33
 Operator : SJ/JU
 Sample : PB100411BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 05 18:01:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	33837	20.00	ng	-0.02
21) Naphthalene-d8	11.27	136	160859	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	106291	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	255369	20.00	ng	-0.02
75) Chrysene-d12	22.14	240	280335	20.00	ng	-0.03
86) Perylene-d12	25.73	264	275858	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	269794	122.78	ng	-0.02
7) Phenol-d6	7.60	99	376063	112.03	ng	-0.02
23) Nitrobenzene-d5	9.62	82	218134	75.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	228146	156.49	ng	-0.02
44) 2-Fluorobiphenyl	13.67	172	612520	82.30	ng	-0.02
78) Terphenyl-d14	20.36	244	1037075	86.73	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	4.01	88	21616	26.42	ng	90
3) Pyridine	4.40	79	65924	26.17	ng	94
4) n-Nitrosodimethylamine	4.31	42	41113	33.28	ng	88
6) Aniline	7.78	93	109669	28.18	ng	95
8) 2-Chlorophenol	8.02	128	99943	40.70	ng	89
9) Benzaldehyde	7.60	77	32307	16.17	ng	86
10) Phenol	7.63	94	131522	39.60	ng	83
11) bis(2-Chloroethyl)ether	7.86	93	95657	37.92	ng	93
12) 1,3-Dichlorobenzene	8.34	146	96834	37.08	ng	# 92
13) 1,4-Dichlorobenzene	8.48	146	98261	36.31	ng	95
14) 1,2-Dichlorobenzene	8.81	146	97298	37.08	ng	92
15) Benzyl Alcohol	8.68	79	56305	24.25	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.96	45	169415	31.49	ng	99
17) 2-Methylphenol	8.88	107	91530	38.95	ng	# 87
18) Hexachloroethane	9.54	117	32891	34.55	ng	89
19) n-Nitroso-di-n-propylamine	9.24	70	75228	30.80	ng	# 98
20) 3+4-Methylphenols	9.20	107	128816	38.02	ng	89
22) Acetophenone	9.27	105	145614	37.51	ng	# 89
24) Nitrobenzene	9.66	77	111551	36.97	ng	# 82
25) Isophorone	10.18	82	216767	34.46	ng	# 94
26) 2-Nitrophenol	10.37	139	55120	40.45	ng	# 82
27) 2,4-Dimethylphenol	10.41	122	110829	43.42	ng	93
28) bis(2-Chloroethoxy)methane	10.65	93	121244	34.00	ng	# 96
29) 2,4-Dichlorophenol	10.91	162	104506	46.72	ng	95
30) 1,2,4-Trichlorobenzene	11.12	180	94752	41.53	ng	95
31) Naphthalene	11.32	128	317367	37.10	ng	99
32) Benzoic acid	10.53	122	30051	24.57	ng	# 81
33) 4-Chloroaniline	11.45	127	27171	7.35	ng	# 90
34) Hexachlorobutadiene	11.59	225	58304	45.87	ng	95
35) Caprolactam	12.20	113	18134	16.12	ng	92
36) 4-Chloro-3-methylphenol	12.51	107	122909	39.05	ng	# 90
37) 2-Methylnaphthalene	12.89	142	248329	38.97	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	120290	43.07	ng	98
40) Hexachlorocyclopentadiene	13.23	237	154109	117.02	ng	94

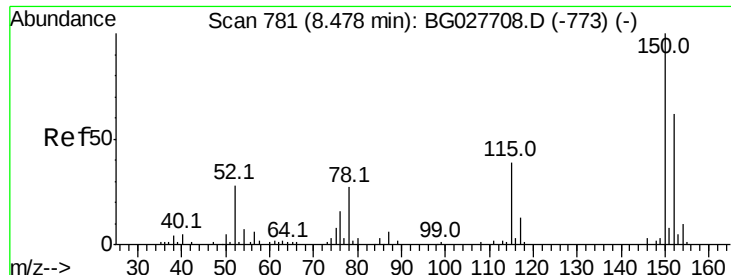
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070517\
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 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.48	196	87043	43.15	nq	93
43) 2,4,5-Trichlorophenol	13.56	196	95001	41.56	nq	96
45) 1,1'-Biphenyl	13.88	154	330751	38.82	nq	96
46) 2-Chloronaphthalene	13.93	162	249922	38.83	nq	98
47) 2-Nitroaniline	14.12	65	94127	36.54	nq	# 85
48) Acenaphthylene	14.77	152	432167	36.75	nq	97
49) Dimethylphthalate	14.48	163	365047	40.26	nq	97
50) 2,6-Dinitrotoluene	14.61	165	78309	39.73	nq	84
51) Acenaphthene	15.11	154	262706	34.85	nq	98
52) 3-Nitroaniline	14.95	138	58059	25.04	nq	82
53) 2,4-Dinitrophenol	15.15	184	97548	89.09	nq	94
54) Dibenzofuran	15.44	168	414772	41.62	nq	97
55) 4-Nitrophenol	15.25	139	132622	74.92	nq	# 63
56) 2,4-Dinitrotoluene	15.39	165	114150	41.52	nq	# 88
57) Fluorene	16.09	166	364065	37.67	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.66	232	94388	47.90	nq	93
59) Diethylphthalate	15.83	149	394842	39.33	nq	97
60) 4-Chlorophenyl-phenylether	16.06	204	178214	41.66	nq	96
61) 4-Nitroaniline	16.11	138	91593	37.91	nq	# 70
62) Azobenzene	16.36	77	330310	37.44	nq	94
64) 4,6-Dinitro-2-methylphenol	16.16	198	67668	43.16	nq	90
65) n-Nitrosodiphenylamine	16.28	169	333130	40.10	nq	96
66) 4-Bromophenyl-phenylether	16.96	248	123222	46.13	nq	95
67) Hexachlorobenzene	17.09	284	130702	46.21	nq	93
68) Atrazine	17.22	200	115955	44.21	nq	96
69) Pentachlorophenol	17.44	266	156637	86.22	nq	98
70) Phenanthrene	17.83	178	594494	40.33	nq	94
71) Anthracene	17.93	178	600767	40.36	nq	97
72) Carbazole	18.20	167	529698	36.13	nq	94
73) Di-n-butylphthalate	18.71	149	660700	41.01	nq	# 94
74) Fluoranthene	19.82	202	669574	41.56	nq	95
76) Benzidine	20.00	184	355766	52.96	nq	97
77) Pyrene	20.19	202	688388	39.13	nq	95
79) Butylbenzylphthalate	21.06	149	295382	37.28	nq	85
80) Benzo(a)anthracene	22.12	228	669947	39.53	nq	95
81) 3,3'-Dichlorobenzidine	22.02	252	162331	26.39	nq	# 95
82) Chrysene	22.20	228	625251	39.36	nq	95
83) Bis(2-ethylhexyl)phthalate	21.97	149	424261	36.64	nq	97
84) Di-n-octyl phthalate	23.30	149	717253	37.49	nq	# 89
85) Indeno(1,2,3-cd)pyrene	29.86	276	794785	43.77	nq	# 50
87) Benzo(b)fluoranthene	24.58	252	684545	38.52	nq	# 97
88) Benzo(k)fluoranthene	24.65	252	666053	37.91	nq	# 94
89) Benzo(a)pyrene	25.56	252	652002	39.10	nq	# 95
90) Dibenzo(a,h)anthracene	29.92	278	679220	40.20	nq	# 96
91) Benzo(g,h,i)perylene	31.16	276	647179	39.86	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.46 min Scan# 828

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

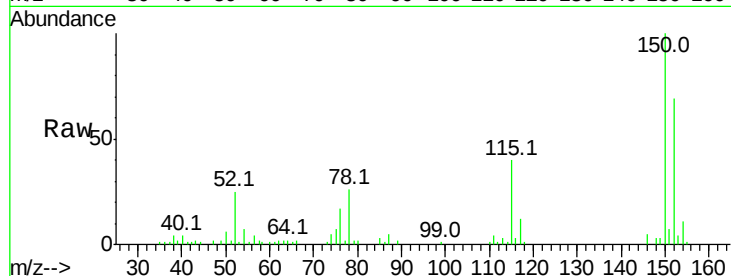
Tot Ion:152 Resp: 33837

Ion Ratio Lower Upper

152 100

150 145.4 114.0 171.0

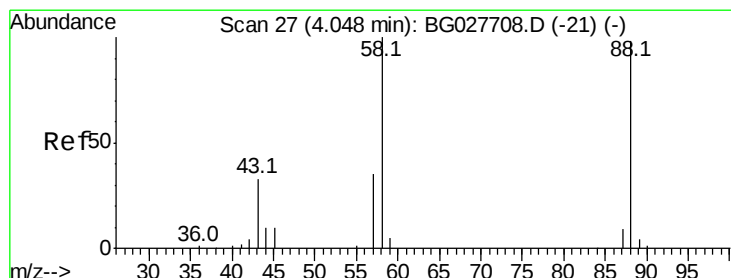
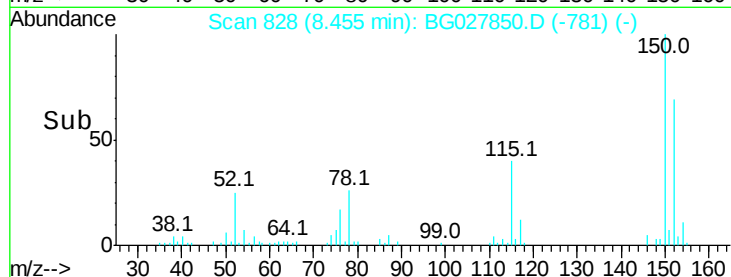
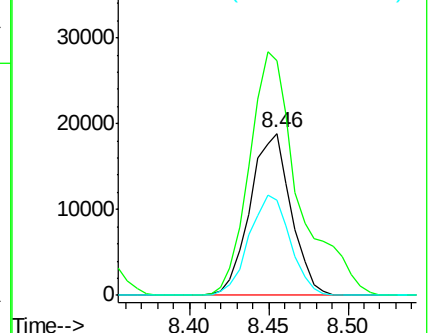
115 58.8 48.1 72.1



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: 26.42 ng

RT: 4.01 min Scan# 71

Delta R.T. -0.04 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

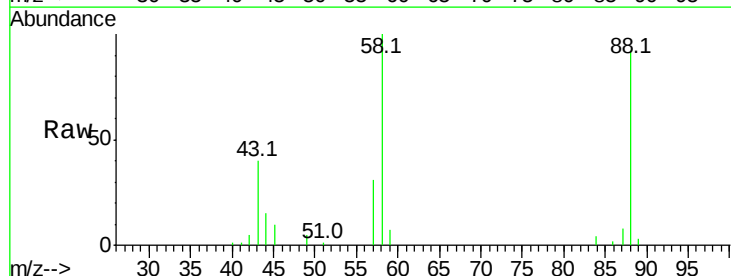
Tgt Ion: 88 Resp: 21616

Ion Ratio Lower Upper

88 100

58 108.4 79.4 119.2

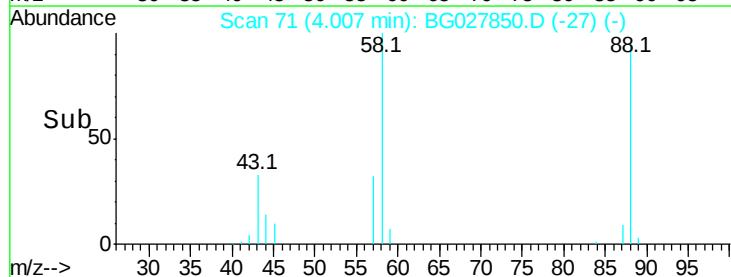
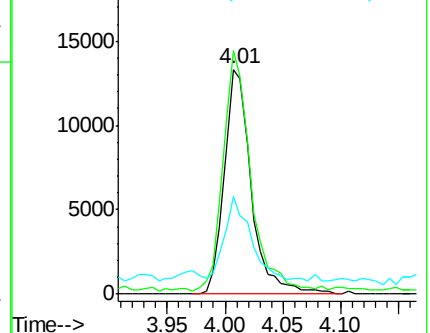
43 34.6 33.8 50.6

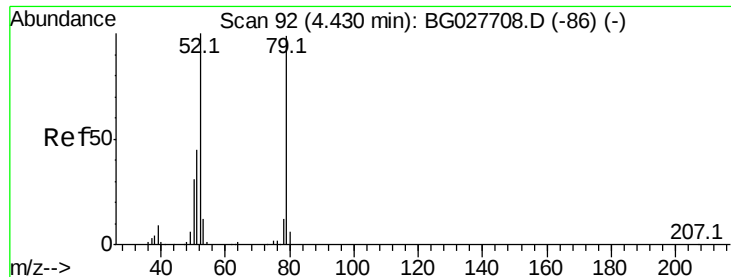


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.17 ng

RT: 4.40 min Scan# 137

Delta R.T. -0.04 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

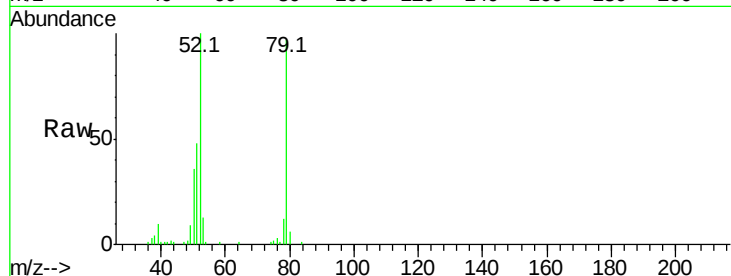
Tot Ion: 79 Resp: 65924

Ion Ratio Lower Upper

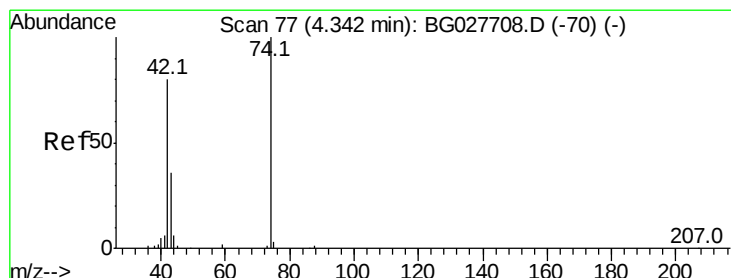
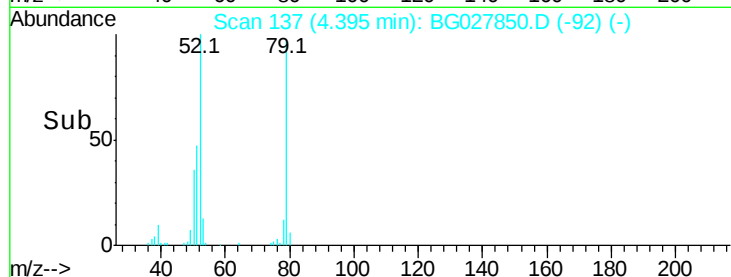
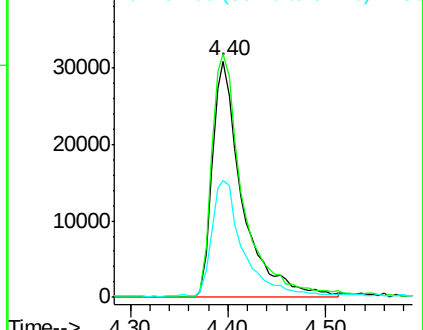
79 100

52 103.0 77.8 116.6

51 49.2 43.2 64.8



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: 33.28 ng

RT: 4.31 min Scan# 122

Delta R.T. -0.04 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

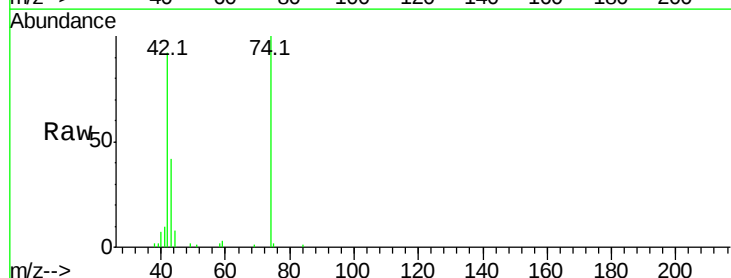
Tgt Ion: 42 Resp: 41113

Ion Ratio Lower Upper

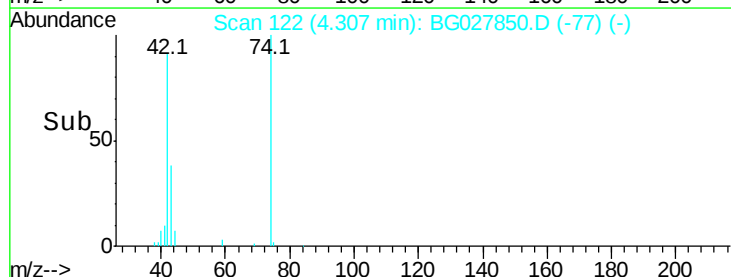
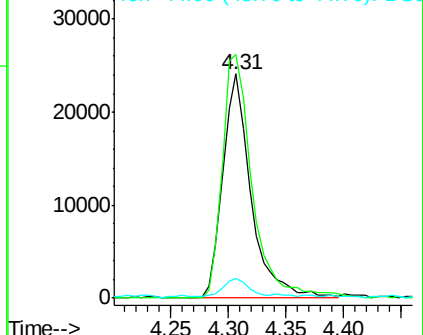
42 100

74 108.8 76.7 115.1

44 8.8 6.1 9.1



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: 122.78 ng

RT: 6.03 min Scan# 416

Delta R.T. -0.02 min

Lab File: BG027850.D

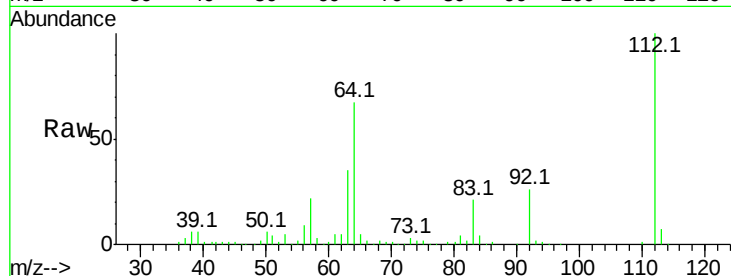
Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

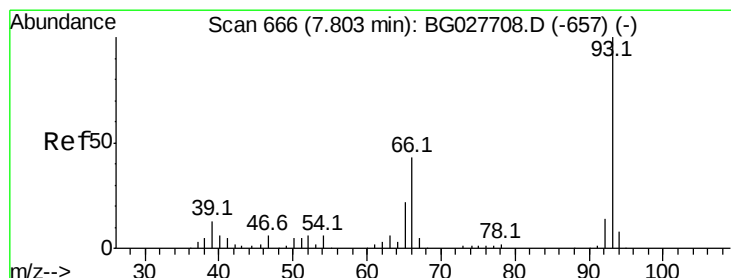
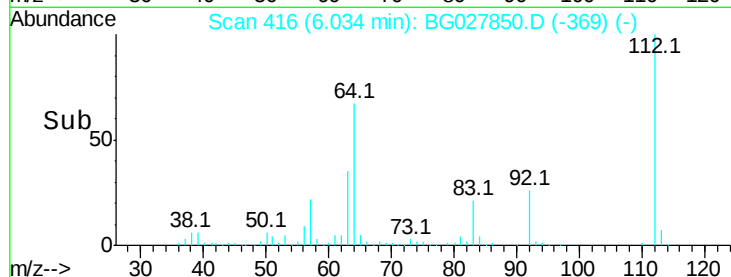
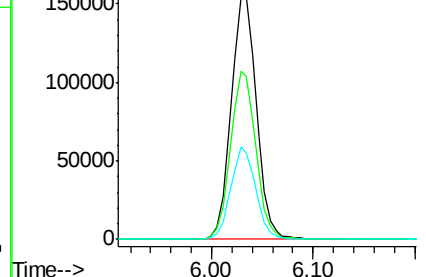
Tot Ion:	112	Resp:	269794
Ion	Ratio	Lower	Upper
112	100		
64	67.2	61.8	92.6
63	35.3	37.2	55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.18 ng

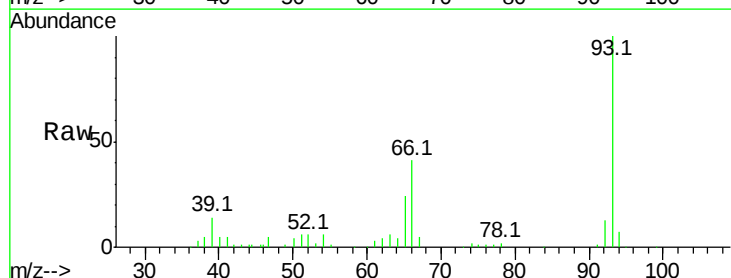
RT: 7.78 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

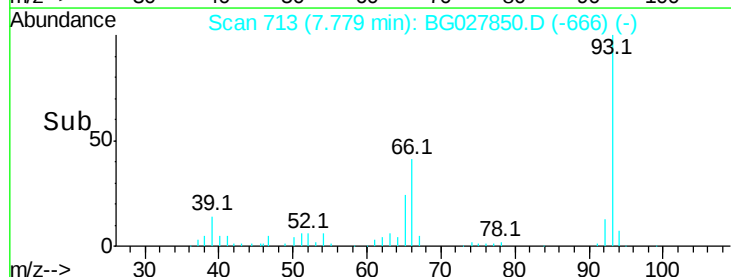
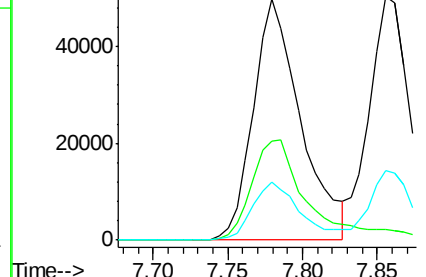
Tgt Ion:	93	Resp:	109669
Ion	Ratio	Lower	Upper
93	100		
66	40.9	35.4	53.2
65	23.9	21.2	31.8

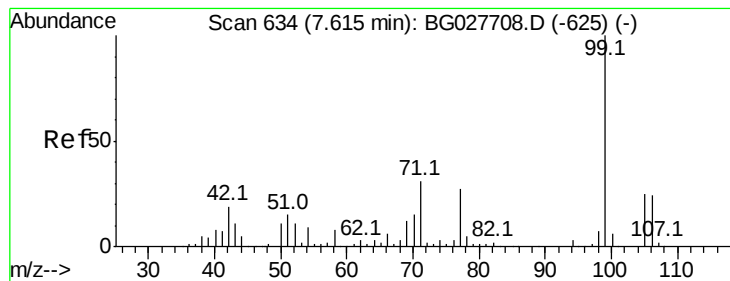


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 112.03 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

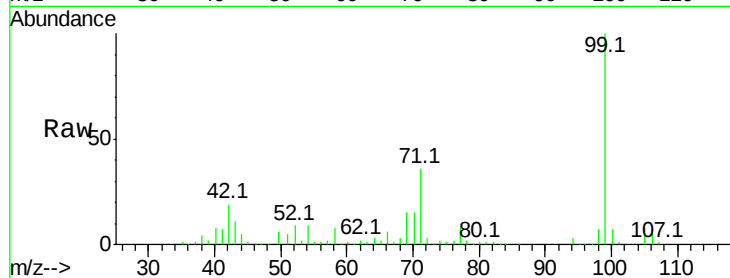
Tot Ion: 99 Resp: 376063

Ion Ratio Lower Upper

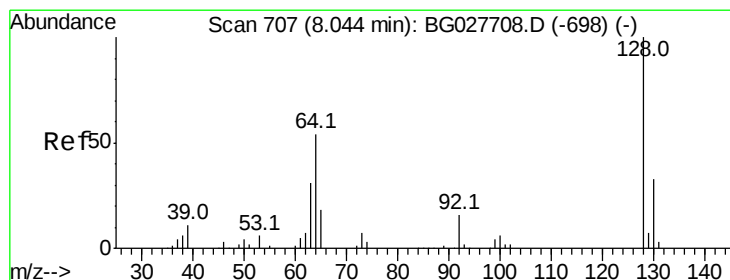
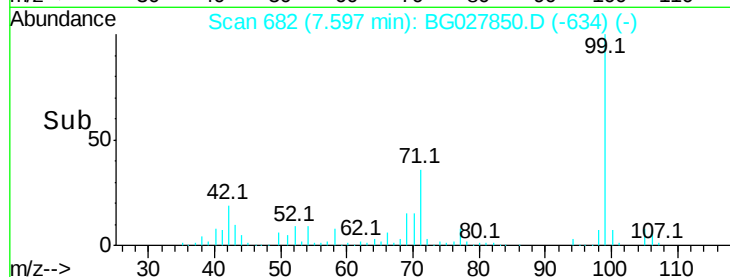
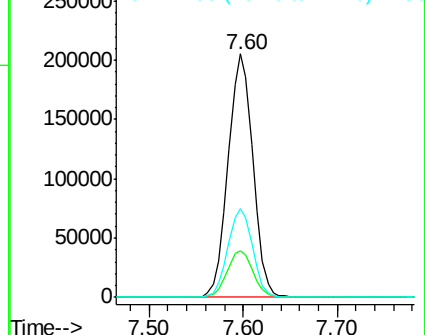
99 100

42 18.9 20.5 30.7#

71 36.3 37.6 56.4#



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: 40.70 ng

RT: 8.02 min Scan# 754

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

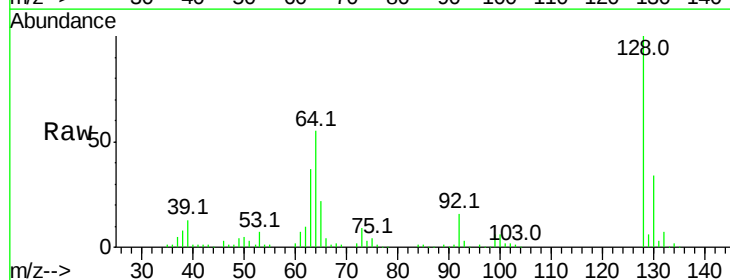
Tgt Ion: 128 Resp: 99943

Ion Ratio Lower Upper

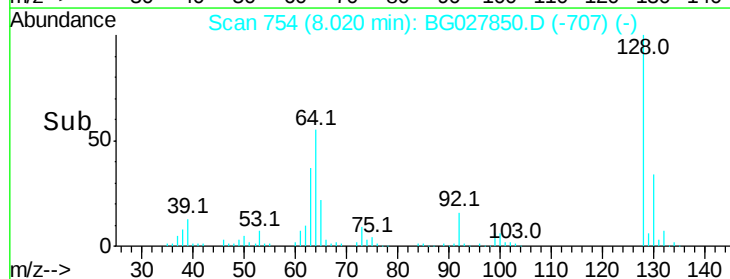
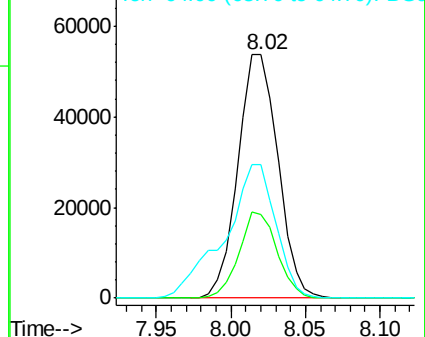
128 100

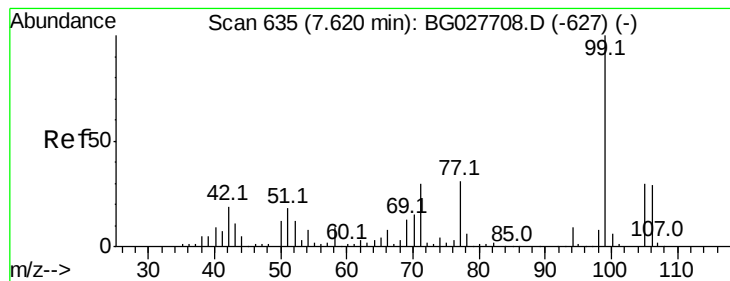
130 34.1 11.4 51.4

64 55.0 46.6 86.6



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: 16.17 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

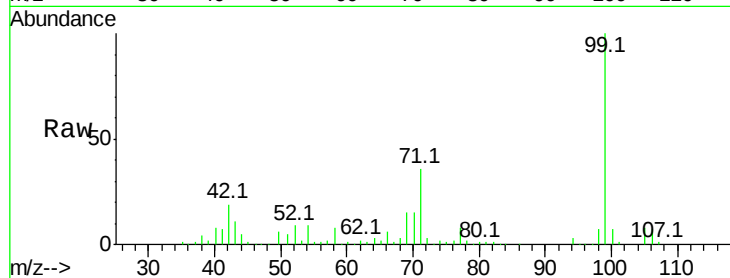
Tot Ion: 77 Resp: 32307

Ion Ratio Lower Upper

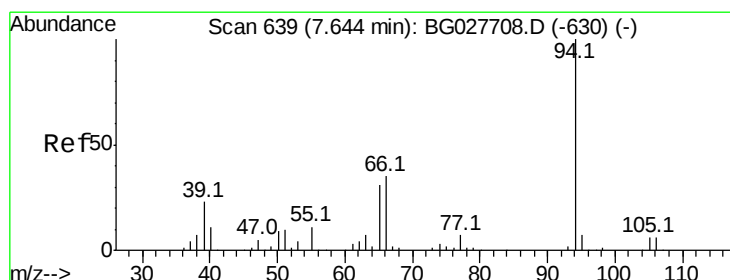
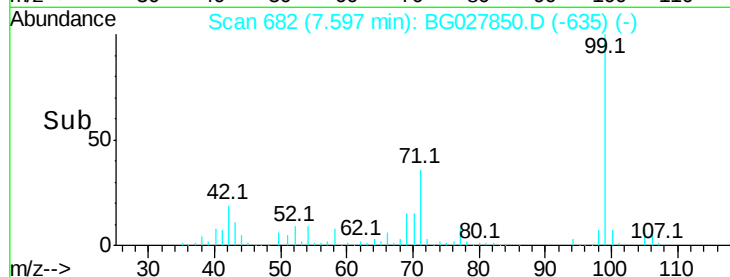
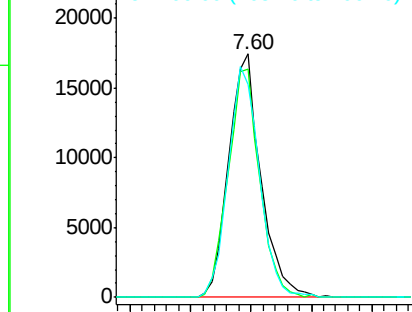
77 100

105 93.8 60.9 100.9

106 87.3 55.1 95.1



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: 39.60 ng

RT: 7.63 min Scan# 687

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

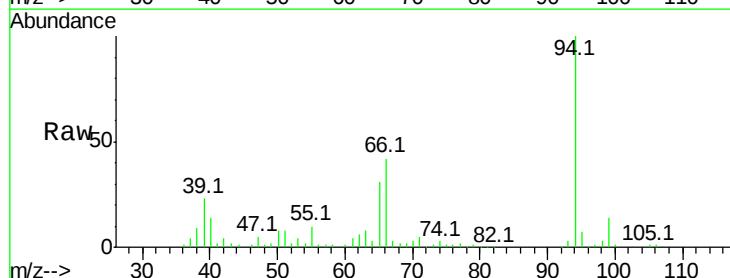
Tgt Ion: 94 Resp: 131522

Ion Ratio Lower Upper

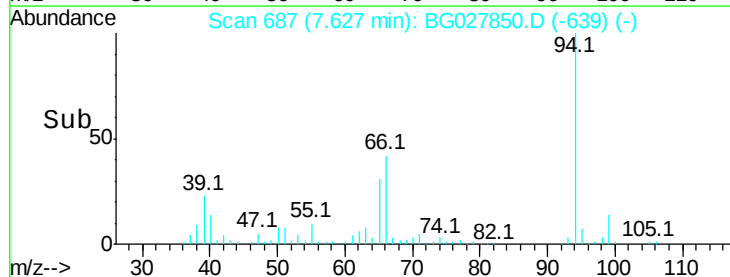
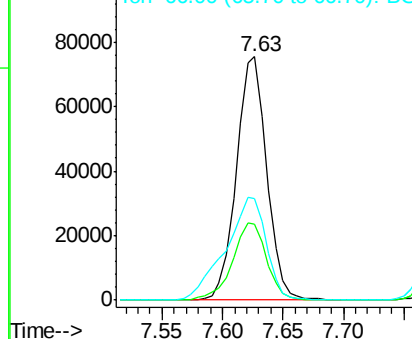
94 100

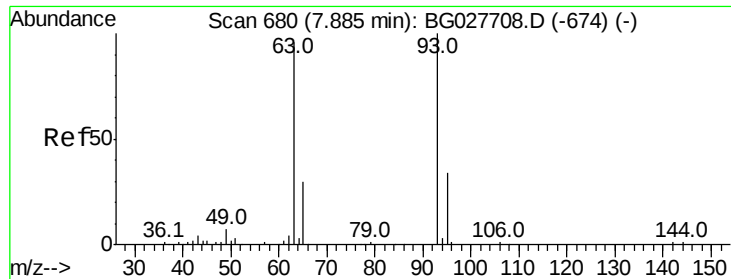
65 31.4 20.6 60.6

66 41.9 35.5 75.5



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: 37.92 ng

RT: 7.86 min Scan# 726

Delta R.T. -0.03 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

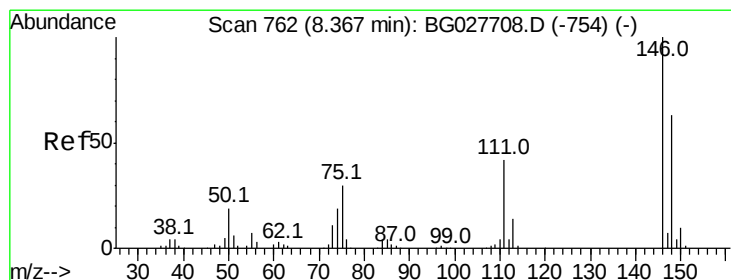
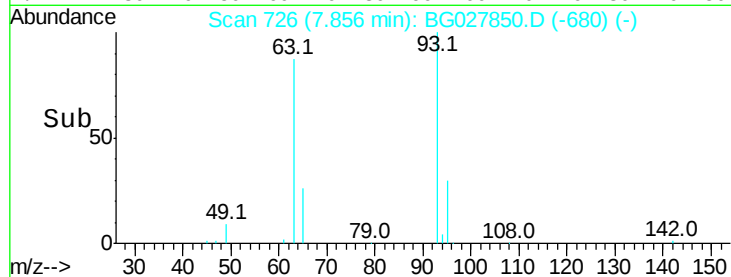
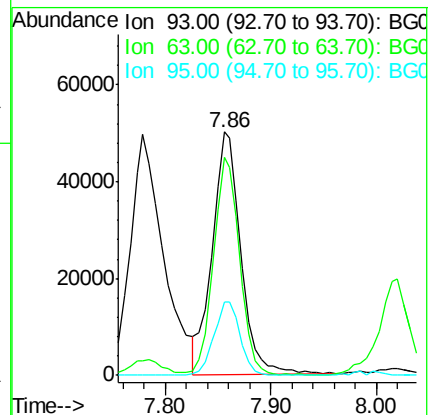
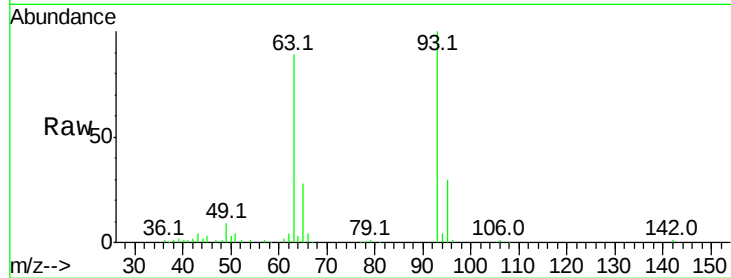
Tot Ion: 93 Resp: 95657

Ion Ratio Lower Upper

93 100

63 89.4 78.5 118.5

95 29.9 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 37.08 ng

RT: 8.34 min Scan# 809

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

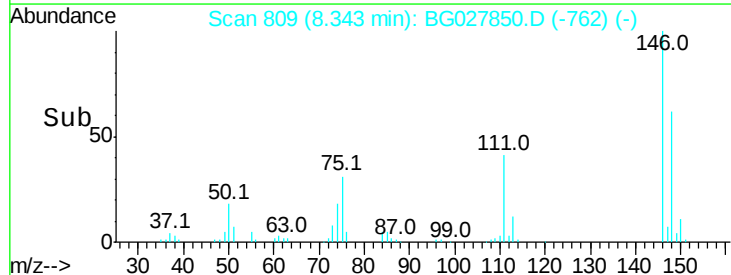
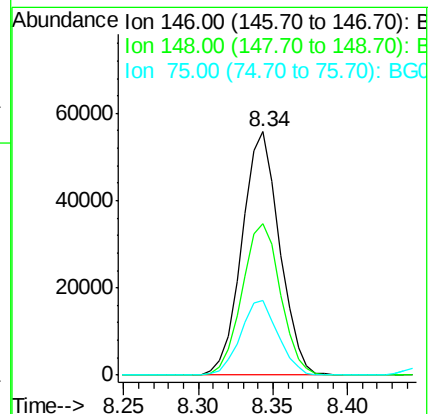
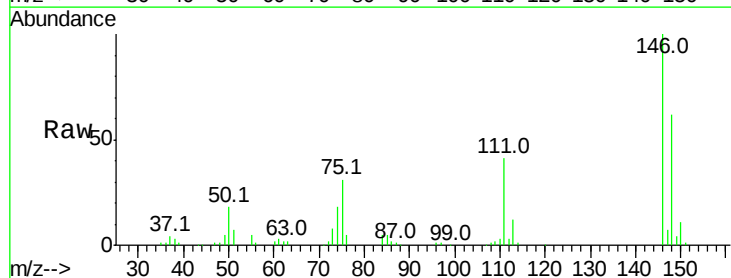
Tgt Ion: 146 Resp: 96834

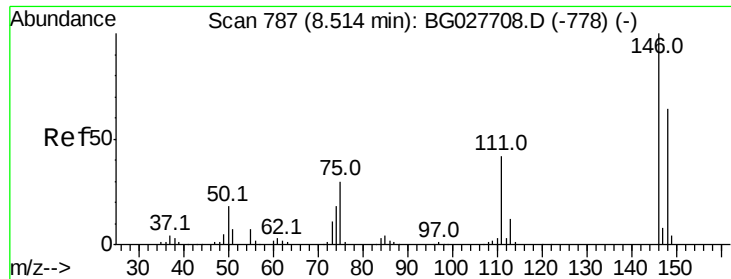
Ion Ratio Lower Upper

146 100

148 62.1 49.2 73.8

75 30.6 33.4 50.2#

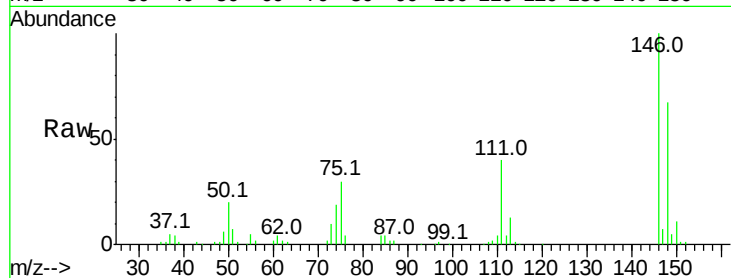




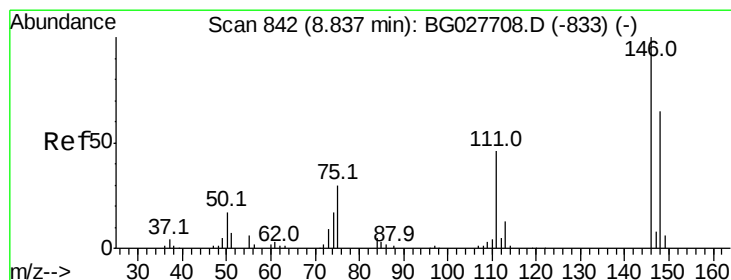
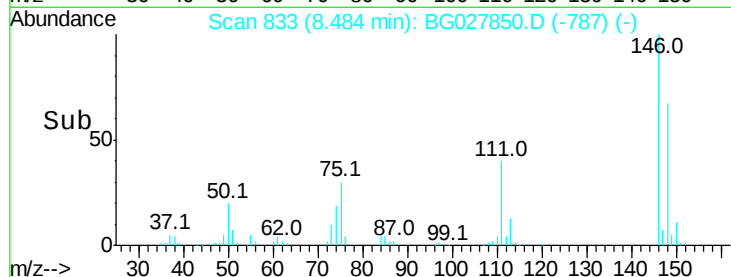
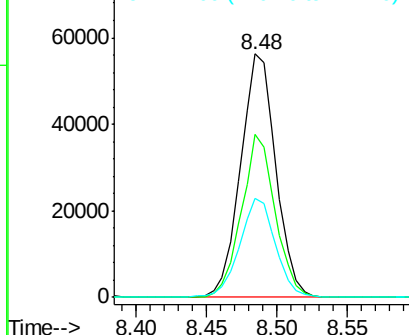
#13
 1,4-Dichlorobenzene
 Concen: 36.31 ng
 RT: 8.48 min Scan# 833
 Delta R.T. -0.03 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 98261
 Ion Ratio Lower Upper
 146 100
 148 67.0 52.2 78.2
 111 40.5 37.0 55.6

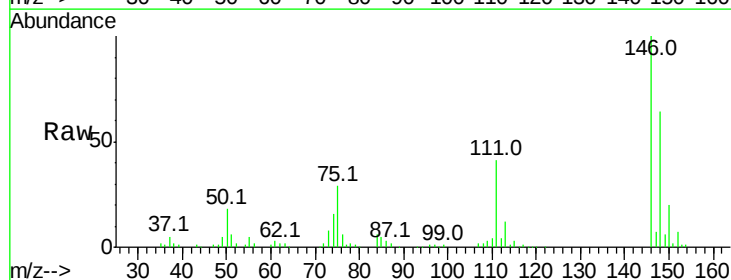


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

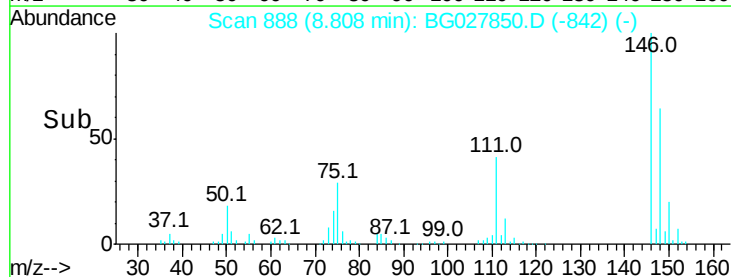
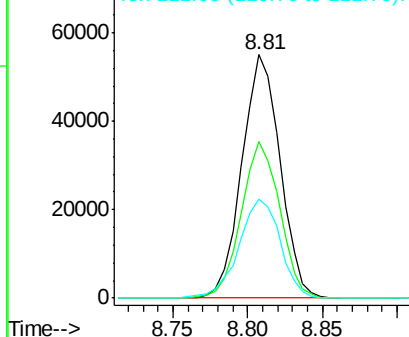


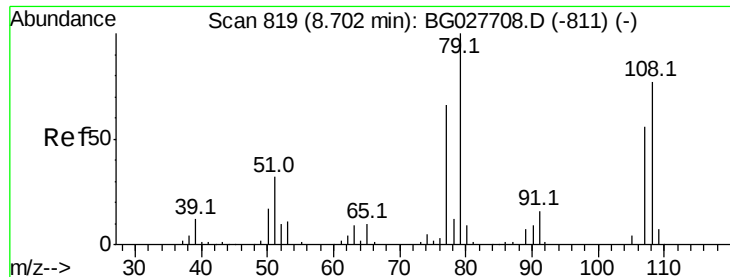
#14
 1,2-Dichlorobenzene
 Concen: 37.08 ng
 RT: 8.81 min Scan# 888
 Delta R.T. -0.03 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Tgt Ion:146 Resp: 97298
 Ion Ratio Lower Upper
 146 100
 148 64.2 54.6 81.8
 111 40.8 39.7 59.5



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: 24.25 ng

RT: 8.68 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

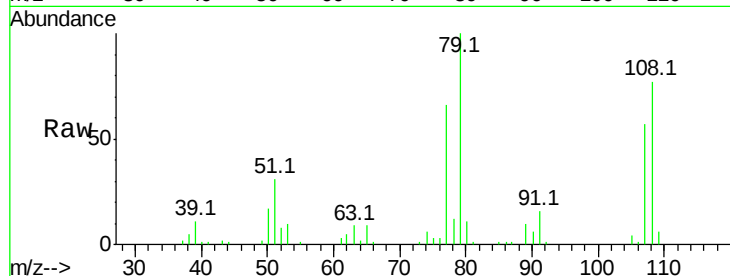
Tot Ion: 79 Resp: 56305

Ion Ratio Lower Upper

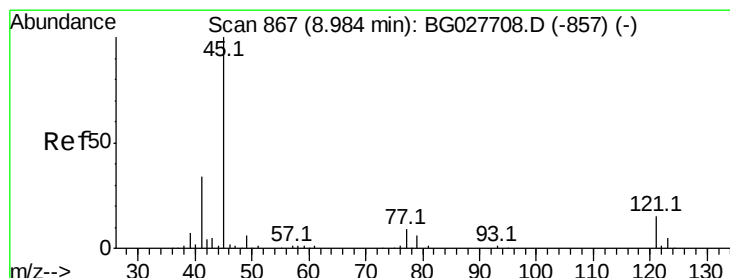
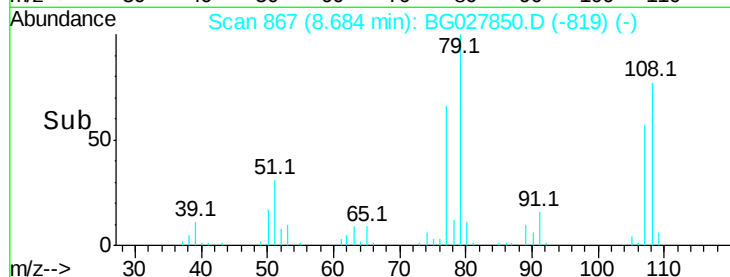
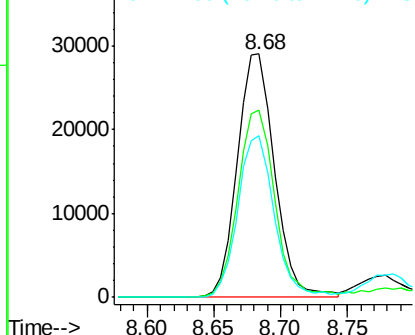
79 100

108 77.2 45.5 68.3#

77 66.4 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.49 ng

RT: 8.96 min Scan# 914

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

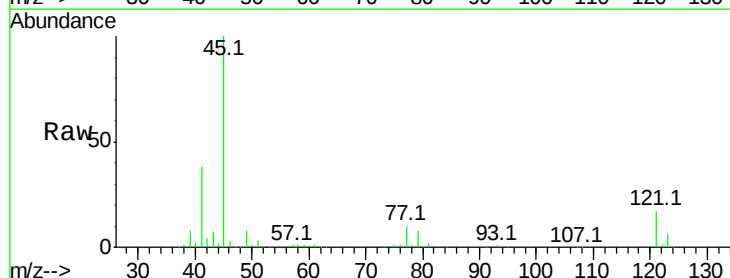
Tgt Ion: 45 Resp: 169415

Ion Ratio Lower Upper

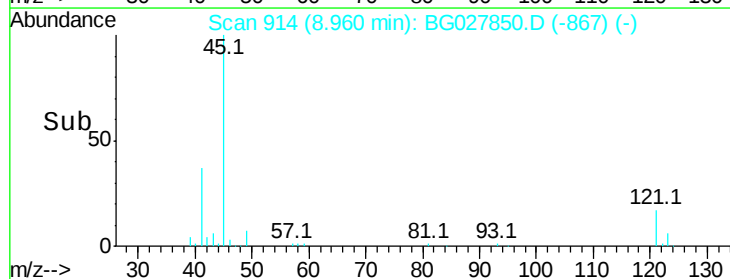
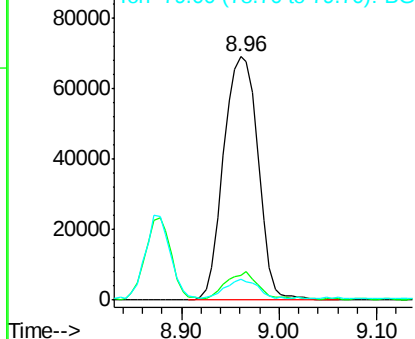
45 100

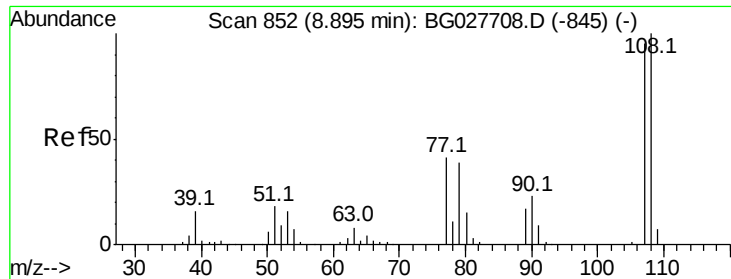
77 10.4 0.0 30.6

79 8.3 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

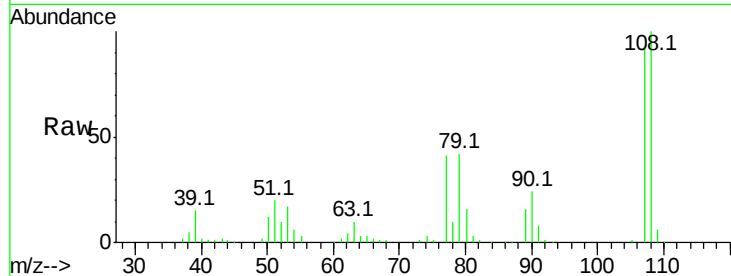




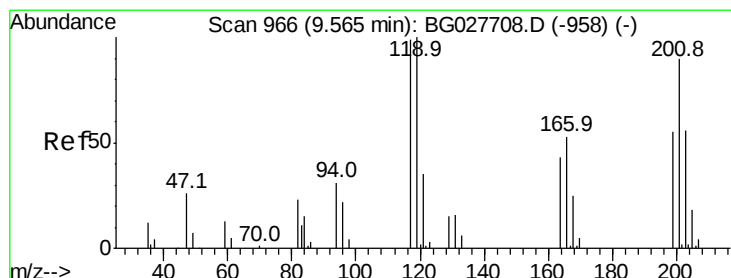
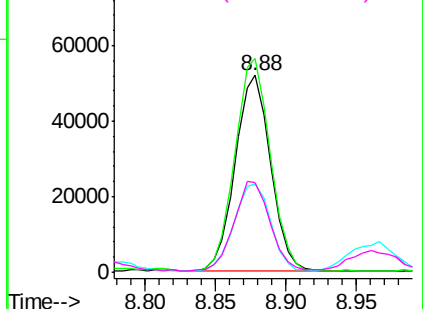
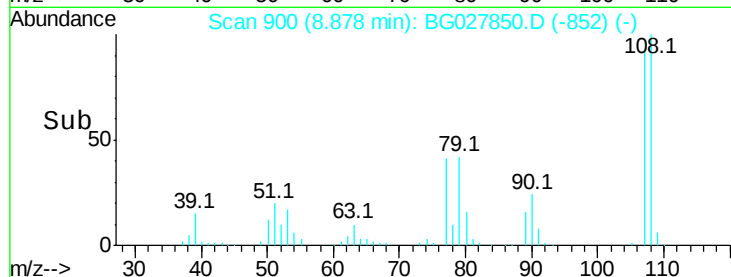
#17
2-Methylphenol
Concen: 38.95 ng
RT: 8.88 min Scan# 900
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 91530
Ion Ratio Lower Upper
107 100
108 108.6 85.6 128.4
77 44.6 51.4 77.2#
79 45.5 49.2 73.8#

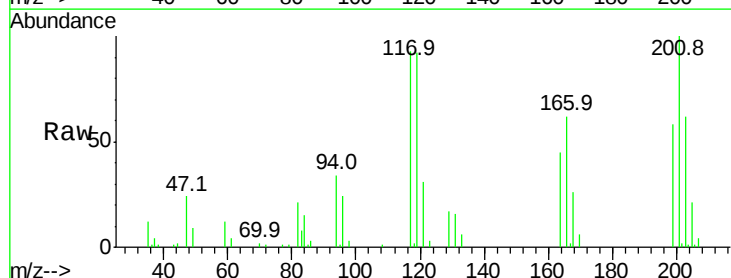


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

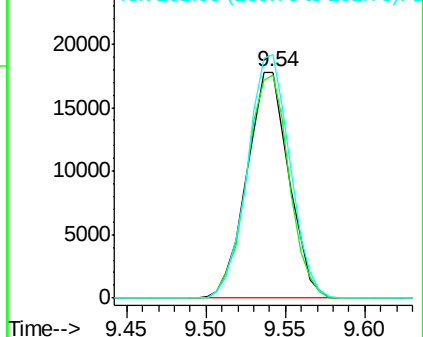
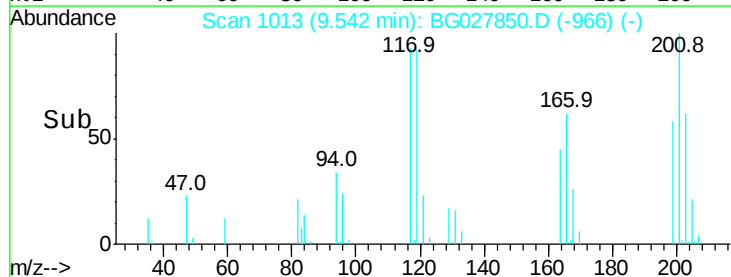


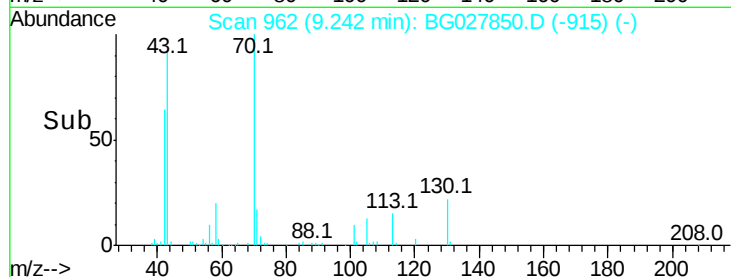
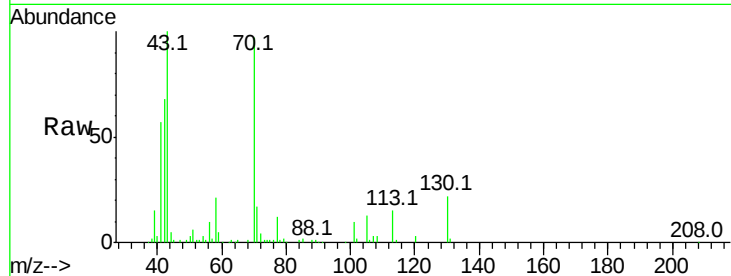
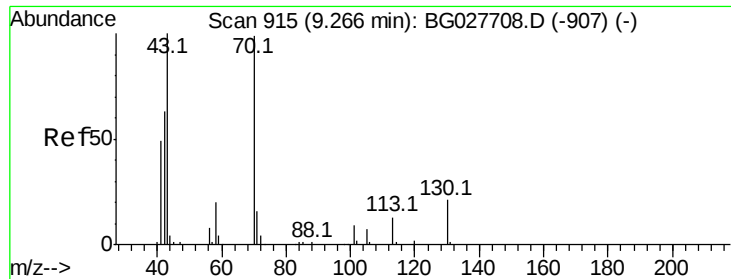
#18
Hexachloroethane
Concen: 34.55 ng
RT: 9.54 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Tgt Ion:117 Resp: 32891
Ion Ratio Lower Upper
117 100
119 99.1 69.8 104.6
201 107.8 95.4 143.0



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

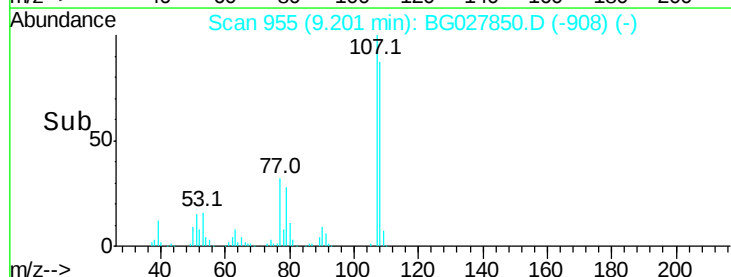
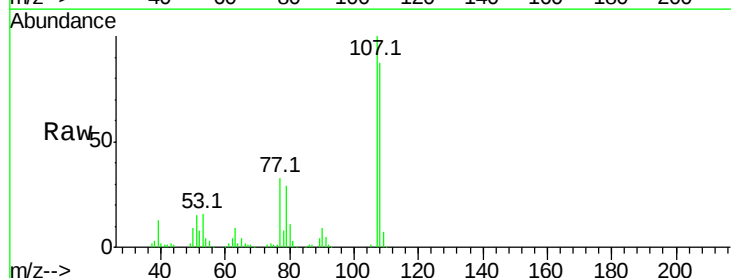
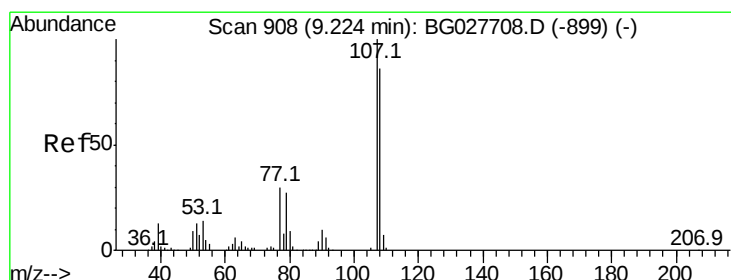
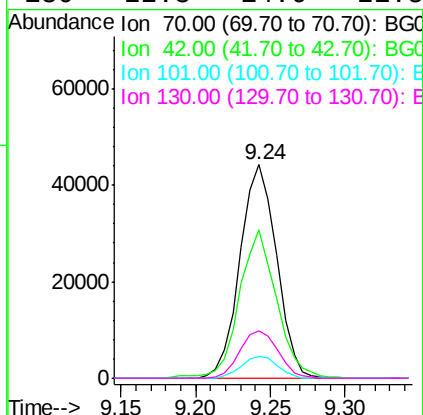




#19
n-Nitroso-di-n-propylamine
Concen: 30.80 ng
RT: 9.24 min Scan# 962
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

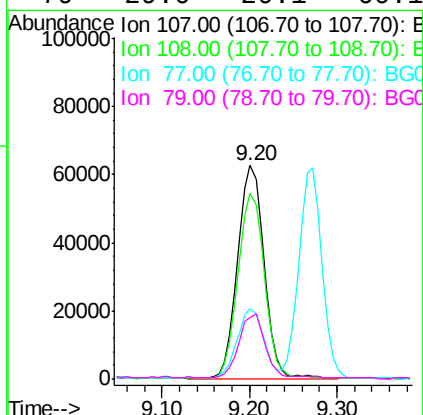
Instrument :
BNA_G
ClientSampleId :

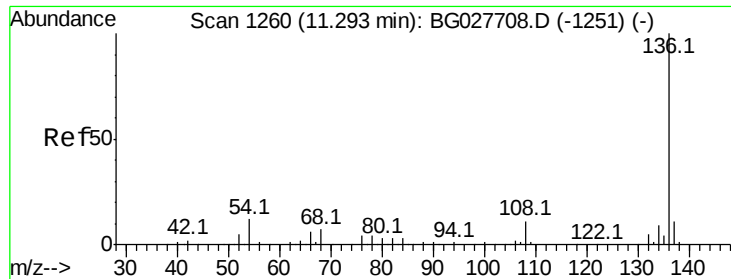
Tot Ion: 70 Resp: 75228
Ion Ratio Lower Upper
70 100
42 69.6 56.1 84.1
101 10.3 7.5 11.3
130 22.3 14.6 21.8#



#20
3+4-Methylphenols
Concen: 38.02 ng
RT: 9.20 min Scan# 955
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Tgt Ion: 107 Resp: 128816
Ion Ratio Lower Upper
107 100
108 86.8 70.8 110.8
77 33.1 25.8 65.8
79 29.0 20.1 60.1

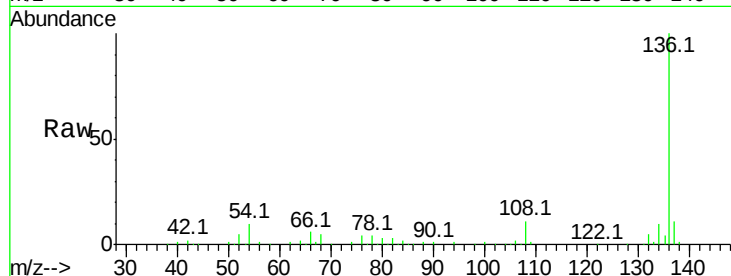




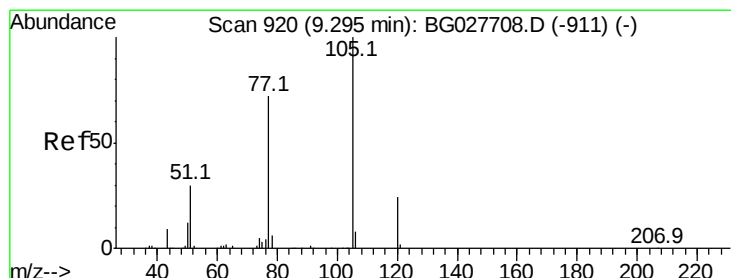
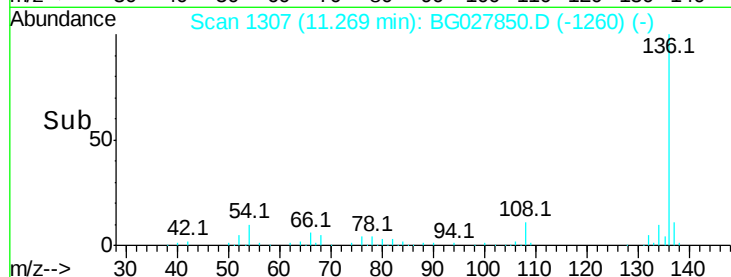
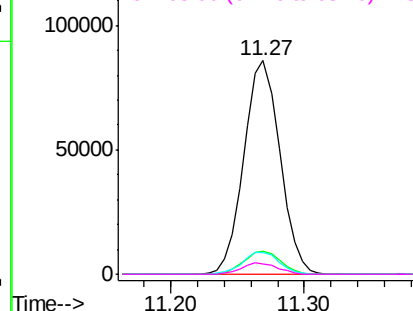
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.27 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	160859
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	10.3	9.3 13.9
68	5.0	5.1 7.7#

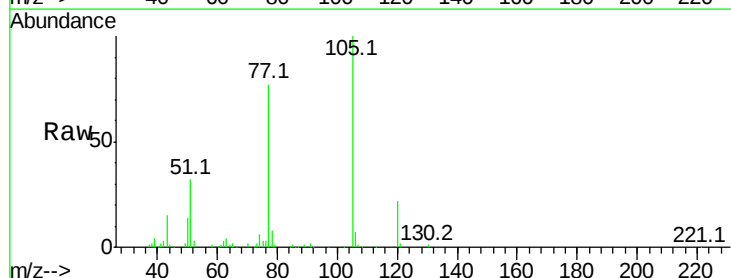


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

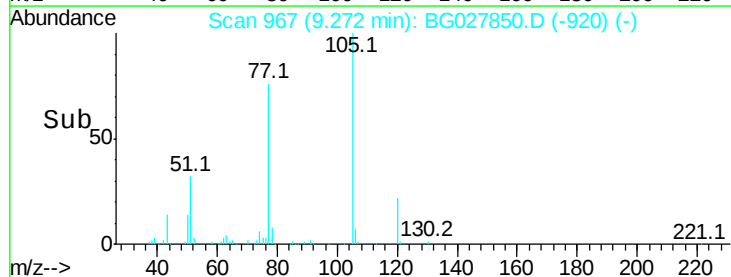
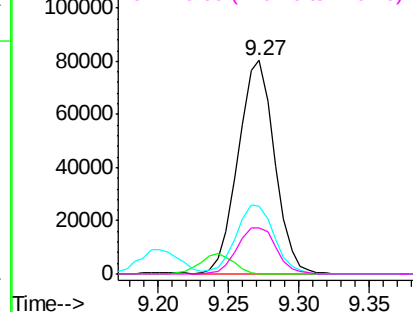


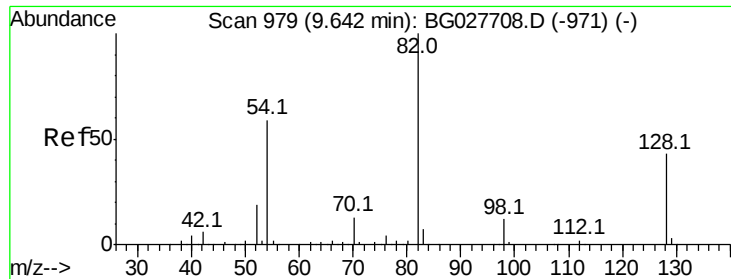
#22
Acetophenone
Concen: 37.51 ng
RT: 9.27 min Scan# 967
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Tgt Ion:105	Resp:	145614
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.9 1.3#
51	32.0	34.0 51.0#
120	21.7	17.3 25.9



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

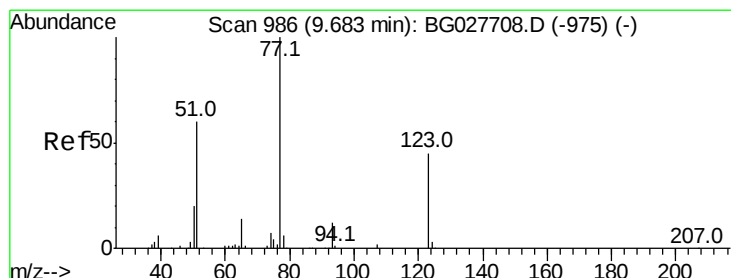
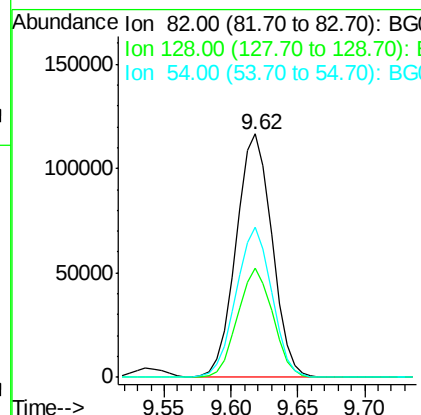
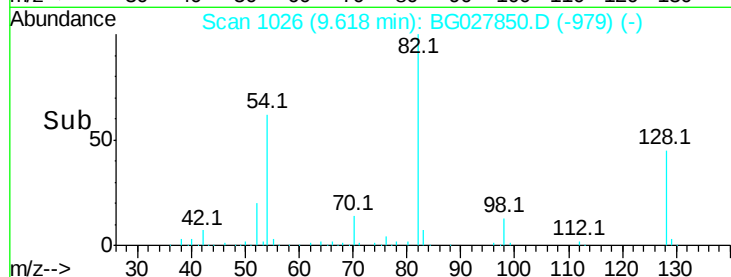
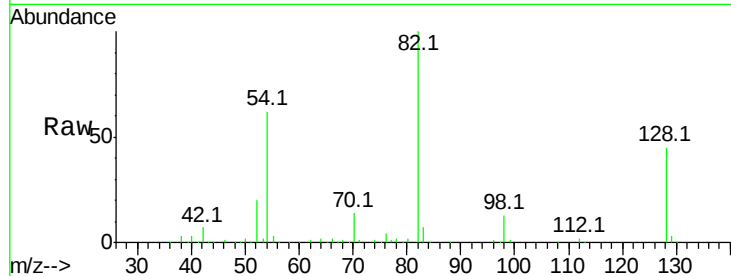




#23
 Nitrobenzene-d5
 Concen: 75.59 ng
 RT: 9.62 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

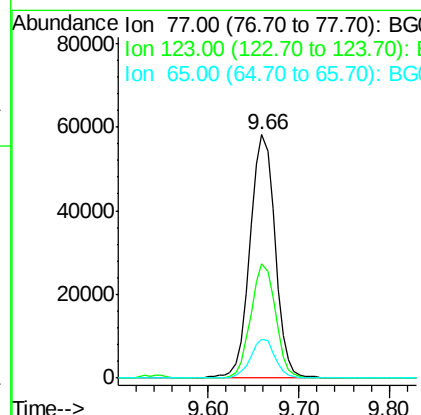
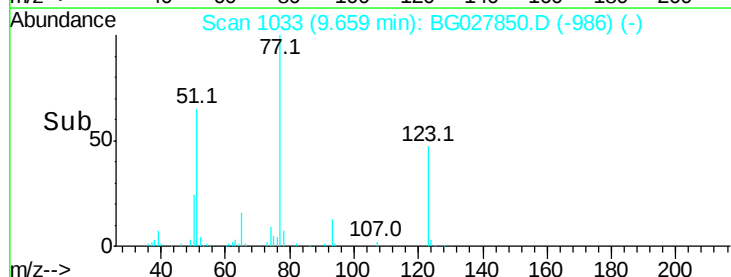
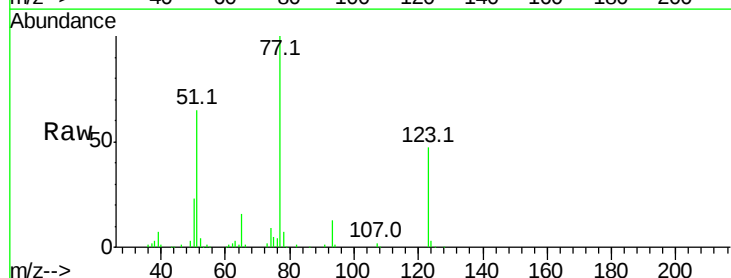
Instrument :
 BNA_G
 ClientSampleId :

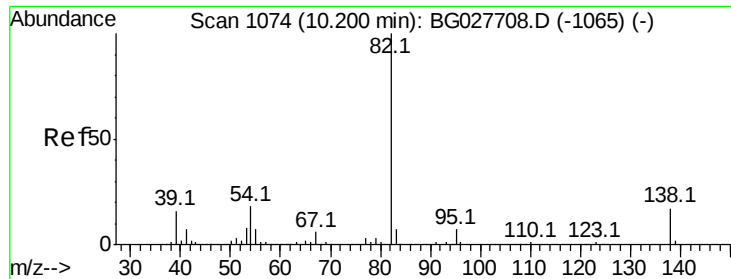
Tot Ion	82	Resp	218134
Ion Ratio	100		
Lower	26.4		
Upper	39.6		
54	61.8	49.4	74.2



#24
 Nitrobenzene
 Concen: 36.97 ng
 RT: 9.66 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Tgt Ion	77	Resp	111551
Ion Ratio	100		
Lower	26.1		
Upper	39.1		
123	47.0	12.4	18.6
65	15.9		





#25

Isophorone

Concen: 34.46 ng

RT: 10.18 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

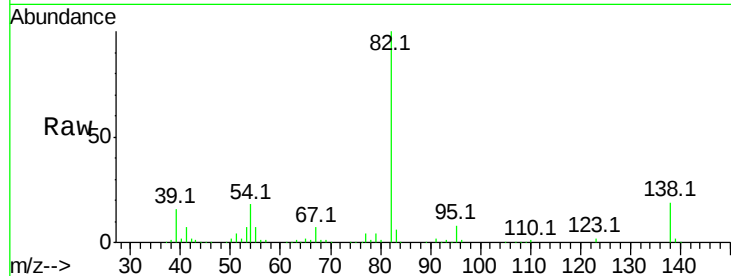
Tot Ion: 82 Resp: 216767

Ion Ratio Lower Upper

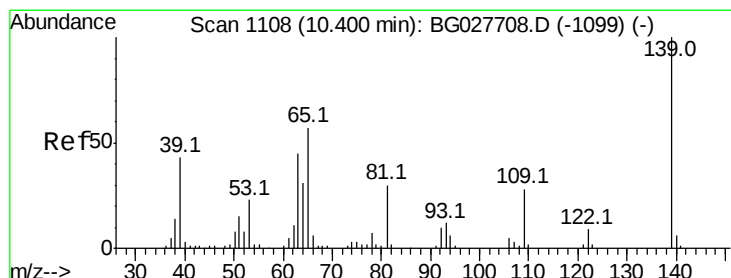
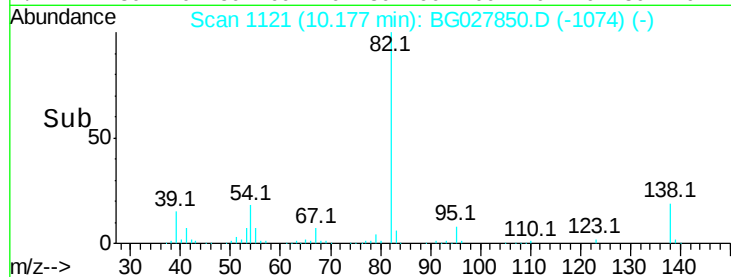
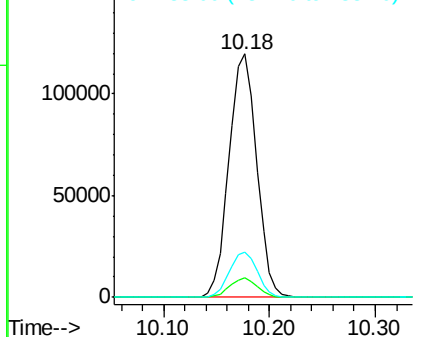
82 100

95 8.2 7.5 11.3

138 18.8 12.3 18.5#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.45 ng

RT: 10.37 min Scan# 1154

Delta R.T. -0.03 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

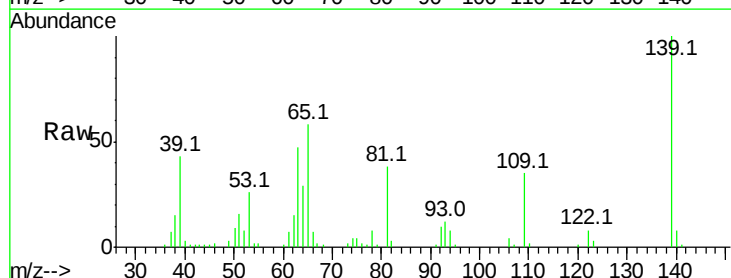
Tgt Ion: 139 Resp: 55120

Ion Ratio Lower Upper

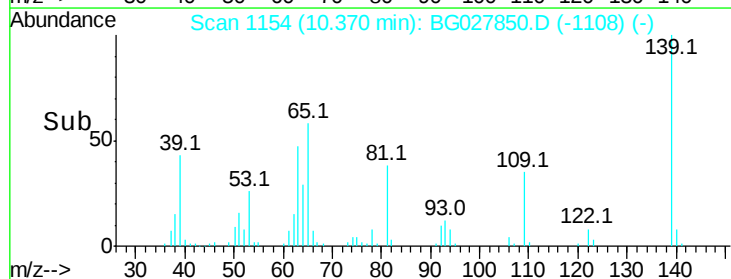
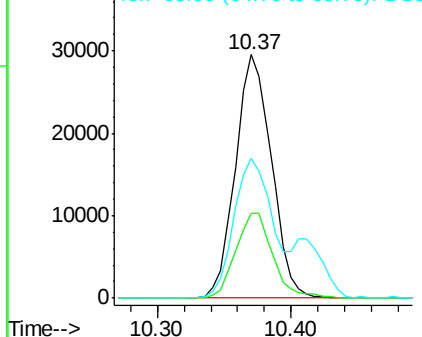
139 100

109 35.0 38.6 58.0#

65 57.5 57.1 85.7



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

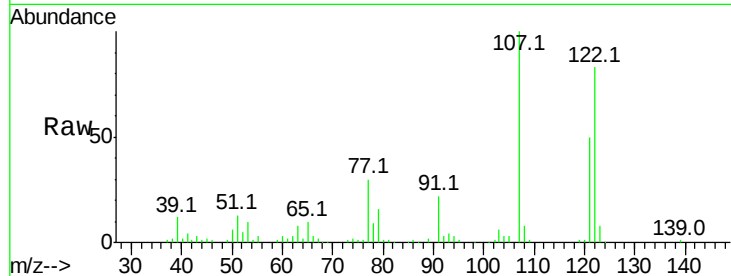




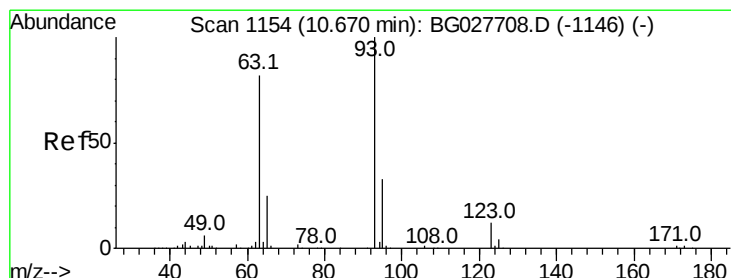
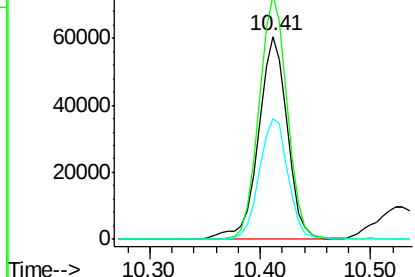
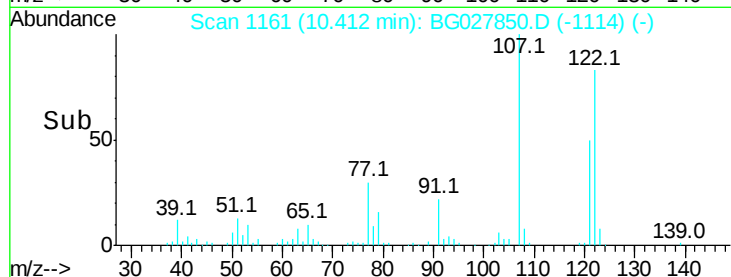
#27
2,4-Dimethylphenol
Concen: 43.42 ng
RT: 10.41 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 110829
Ion Ratio Lower Upper
122 100
107 119.8 104.2 156.4
121 59.4 46.0 69.0

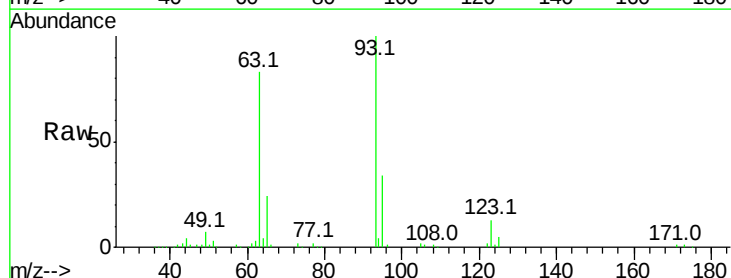


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

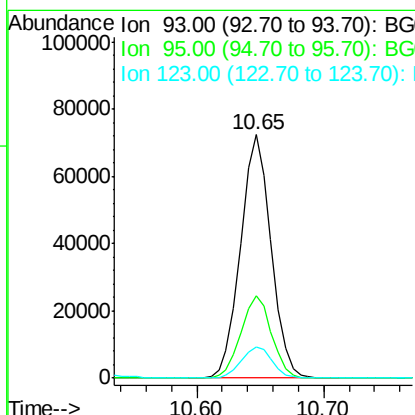
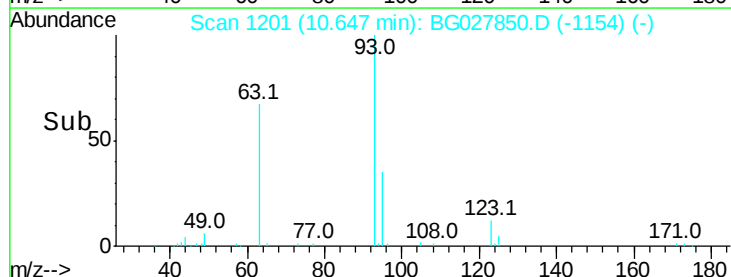


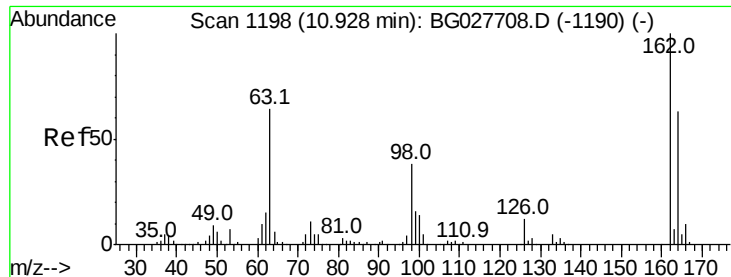
#28
bis(2-Chloroethoxy)methane
Concen: 34.00 ng
RT: 10.65 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Tgt Ion: 93 Resp: 121244
Ion Ratio Lower Upper
93 100
95 33.9 25.7 38.5
123 12.8 8.3 12.5#



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

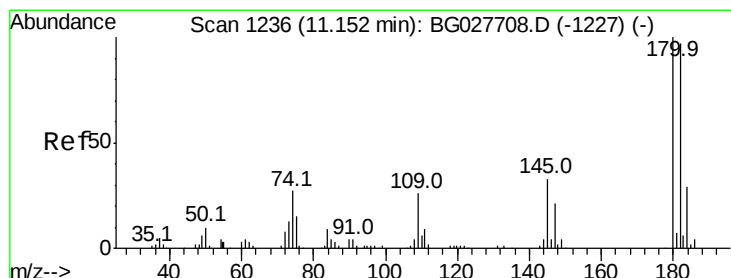
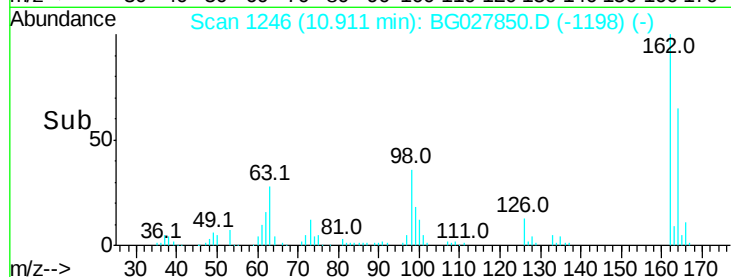
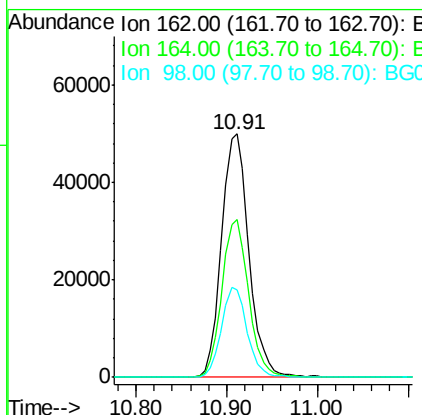
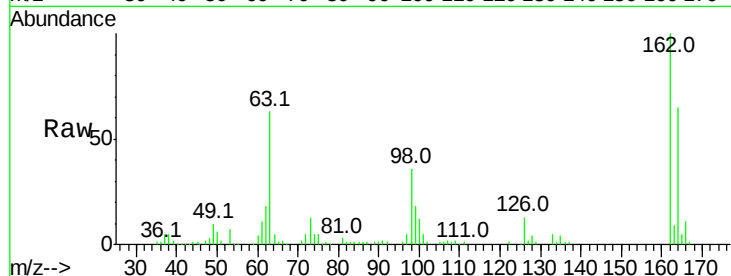




#29
 2,4-Dichlorophenol
 Concen: 46.72 ng
 RT: 10.91 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

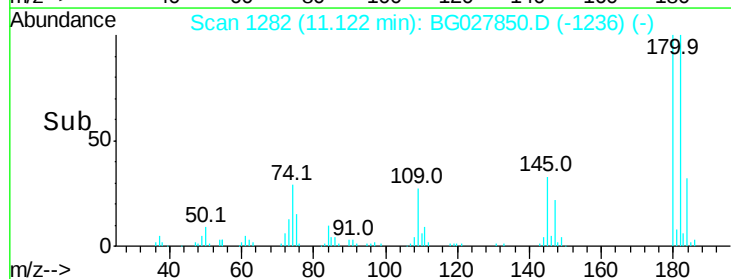
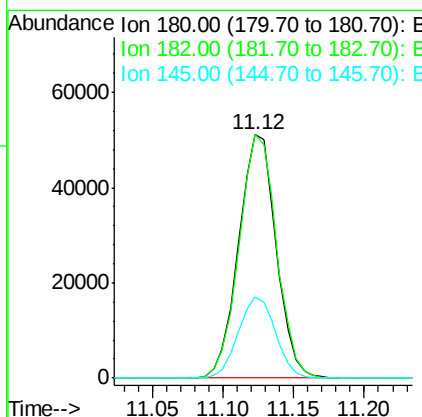
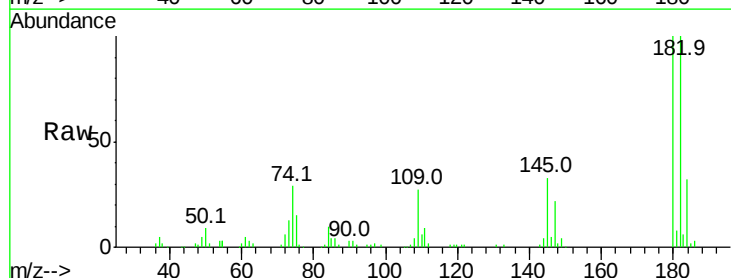
Instrument :
 BNA_G
 ClientSampleId :

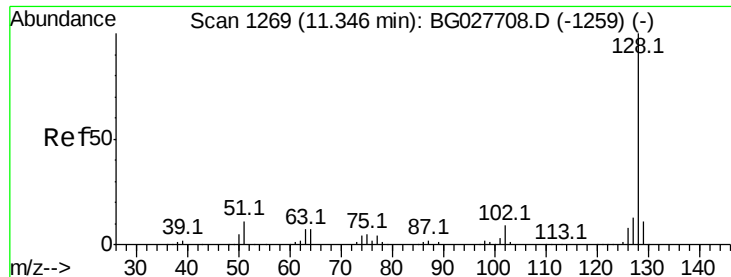
Tot Ion:162 Resp: 104506
 Ion Ratio Lower Upper
 162 100
 164 64.8 42.4 82.4
 98 35.9 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.53 ng
 RT: 11.12 min Scan# 1282
 Delta R.T. -0.03 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Tgt Ion:180 Resp: 94752
 Ion Ratio Lower Upper
 180 100
 182 99.8 77.0 115.4
 145 33.2 23.4 35.0

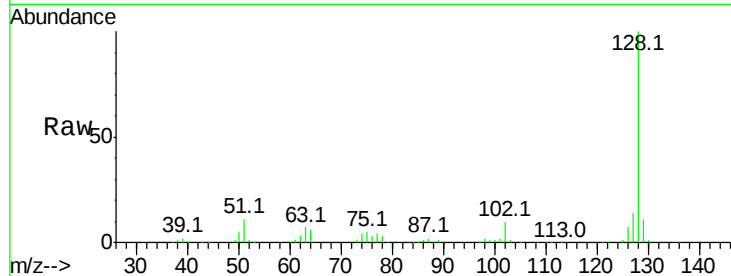




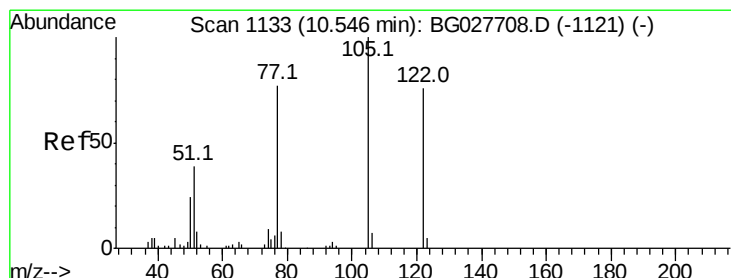
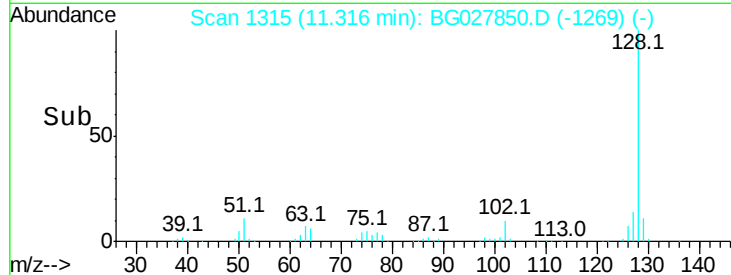
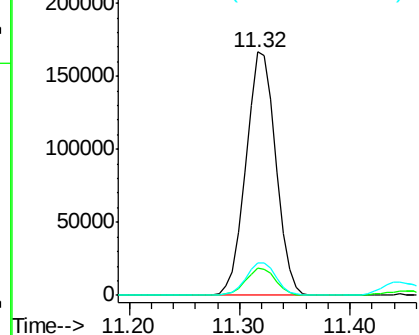
#31
Naphthalene
Concen: 37.10 ng
RT: 11.32 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 317367
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.5 11.4 17.0

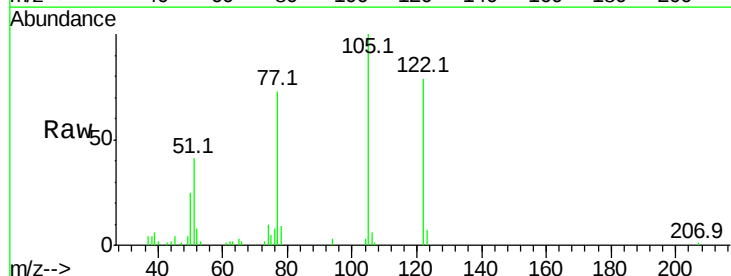


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

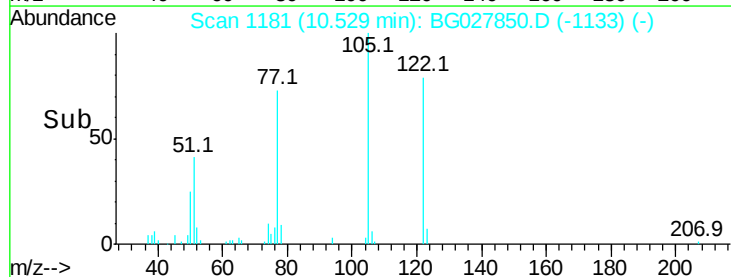
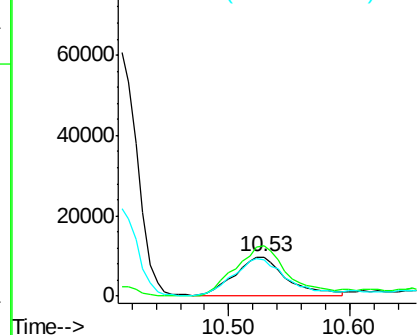


#32
Benzoic acid
Concen: 24.57 ng
RT: 10.53 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Tgt Ion:122 Resp: 30051
Ion Ratio Lower Upper
122 100
105 126.9 120.1 160.1
77 92.3 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

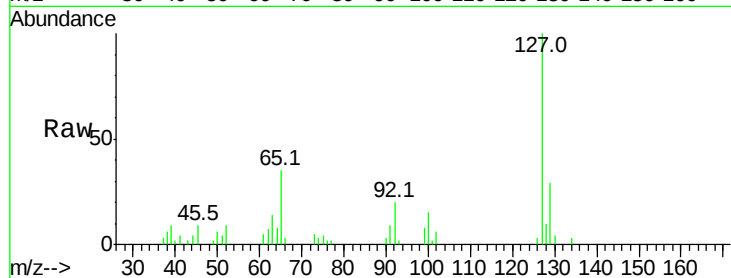




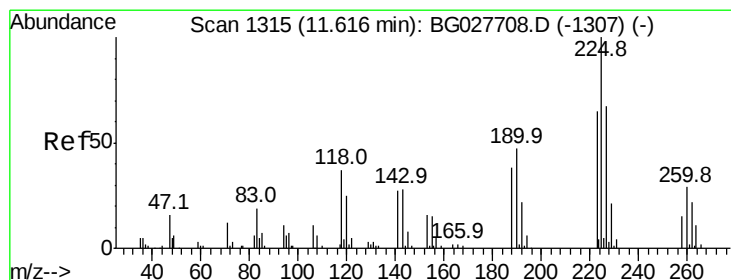
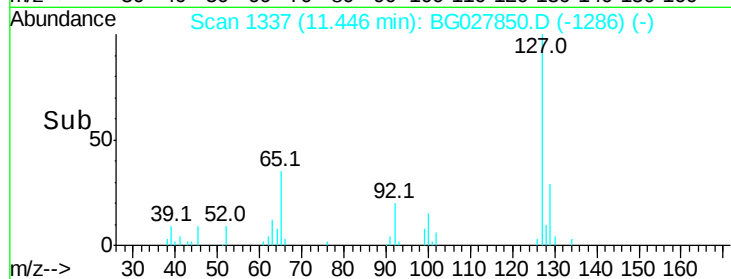
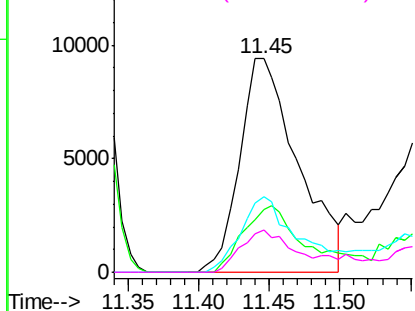
#33
4-Chloroaniline
Concen: 7.35 ng
RT: 11.45 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	27171
Ion	Ratio	Lower	Upper
127	100		
129	29.3	23.6	35.4
65	35.2	37.7	56.5#
92	20.0	17.6	26.4

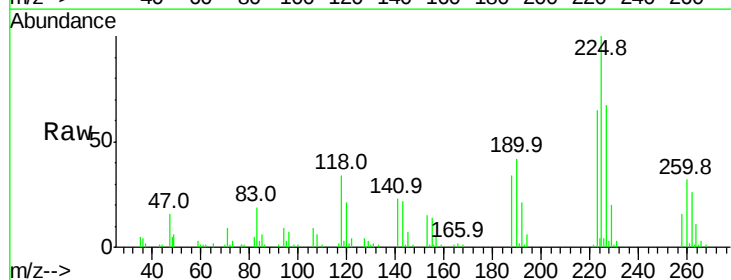


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

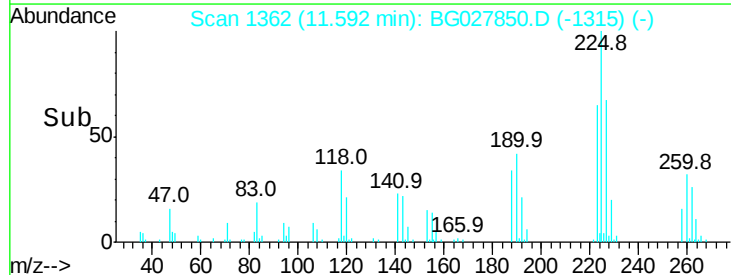
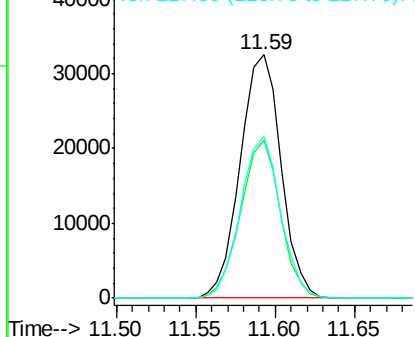


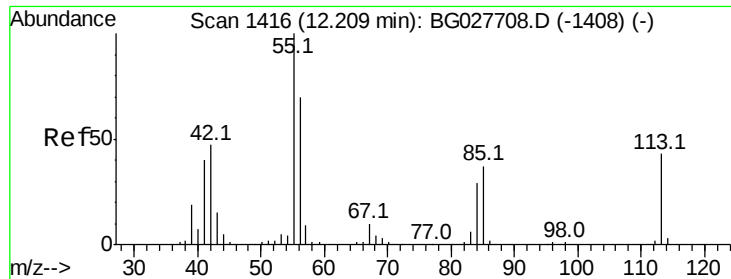
#34
Hexachlorobutadiene
Concen: 45.87 ng
RT: 11.59 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Tgt Ion:	225	Resp:	58304
Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.7	76.1
227	66.6	49.0	73.6



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: 16.12 ng

RT: 12.20 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampled :

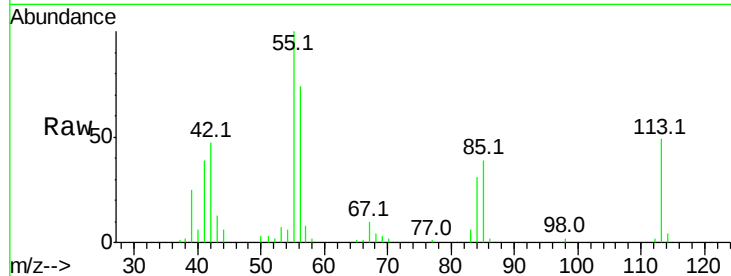
Tot Ion:113 Resp: 18134

Ion Ratio Lower Upper

113 100

55 205.1 198.6 238.6

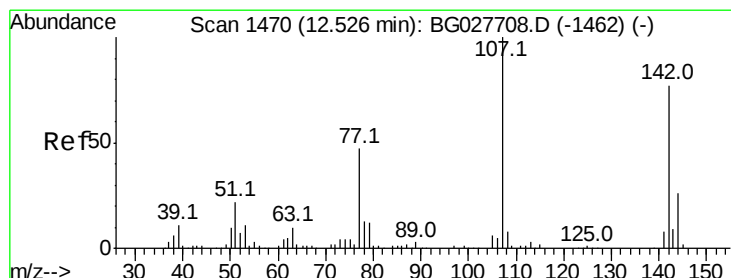
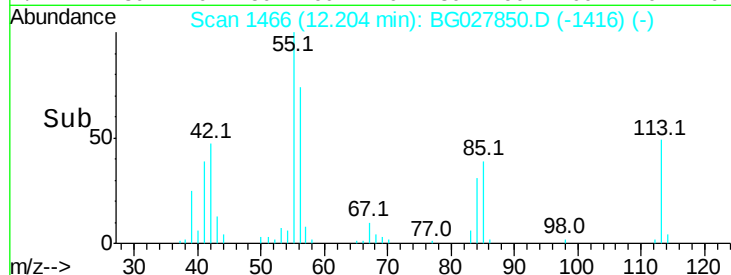
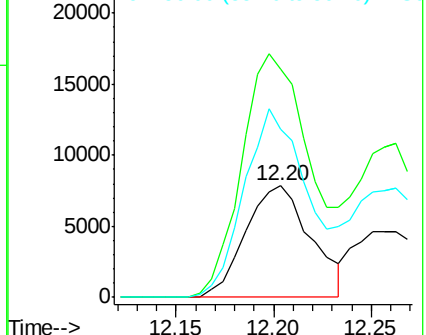
56 150.8 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.05 ng

RT: 12.51 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

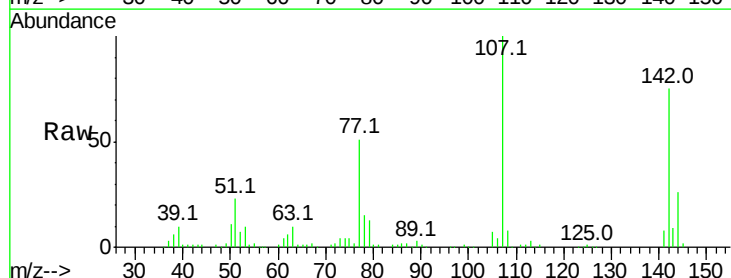
Tgt Ion:107 Resp: 122909

Ion Ratio Lower Upper

107 100

144 26.4 17.4 26.0#

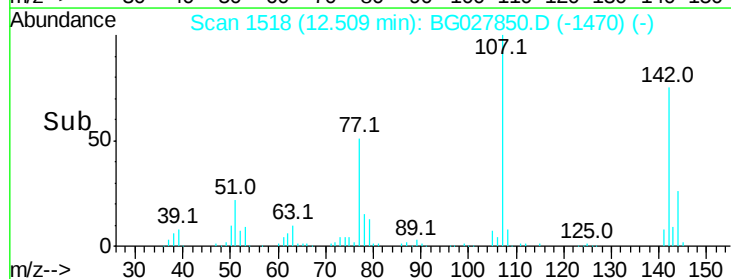
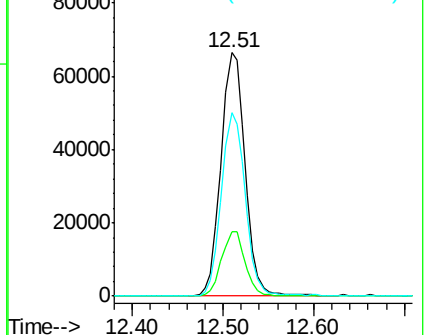
142 75.2 54.1 81.1

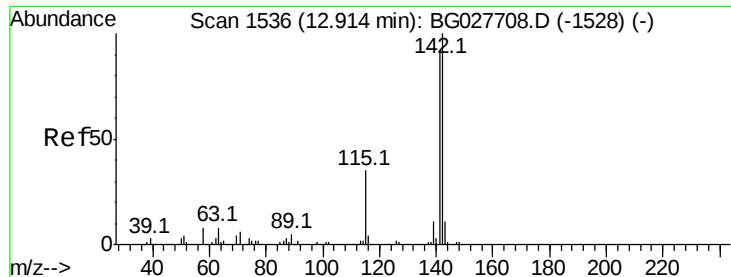


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.97 ng

RT: 12.89 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampled :

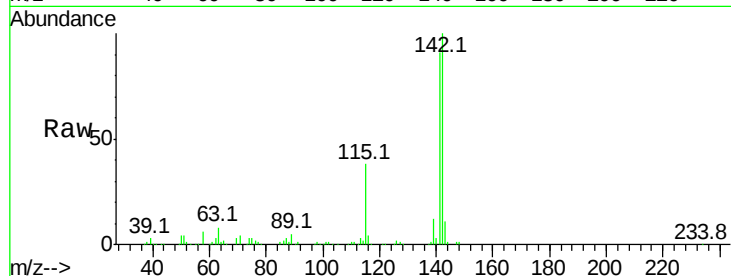
Tot Ion:142 Resp: 248329

Ion Ratio Lower Upper

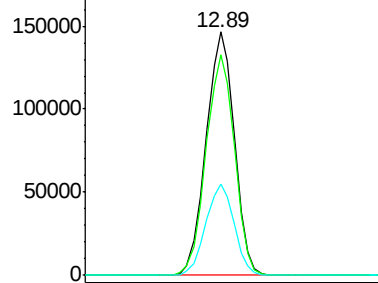
142 100

141 90.7 70.4 105.6

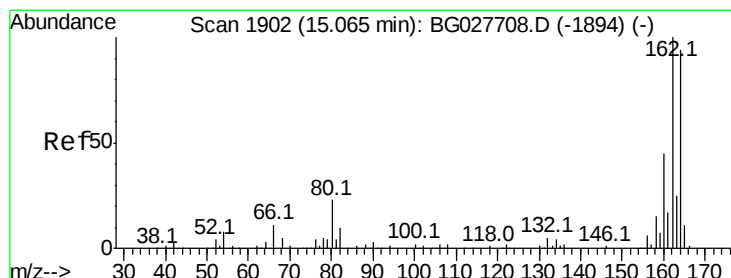
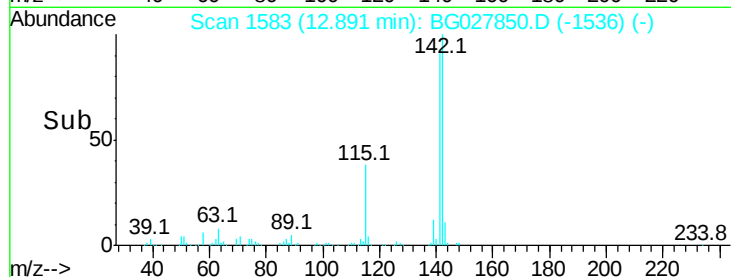
115 37.5 35.5 53.3



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



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.04 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

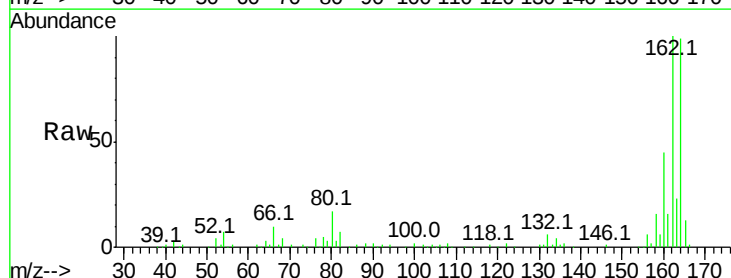
Tgt Ion:164 Resp: 106291

Ion Ratio Lower Upper

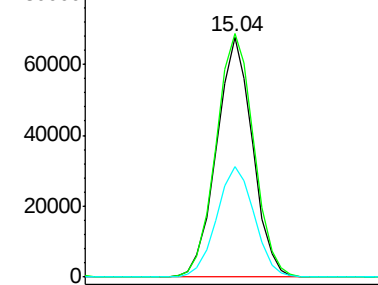
164 100

162 101.5 85.1 127.7

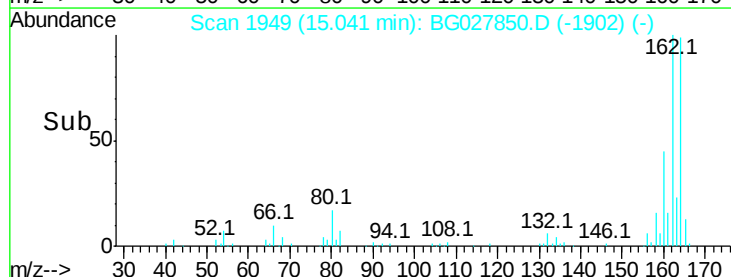
160 45.9 34.7 52.1

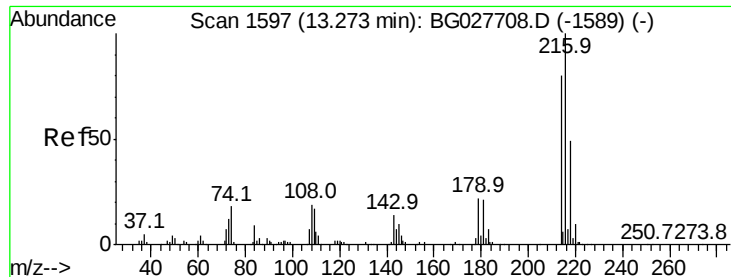


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.07 ng

RT: 13.25 min Scan# 1644

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

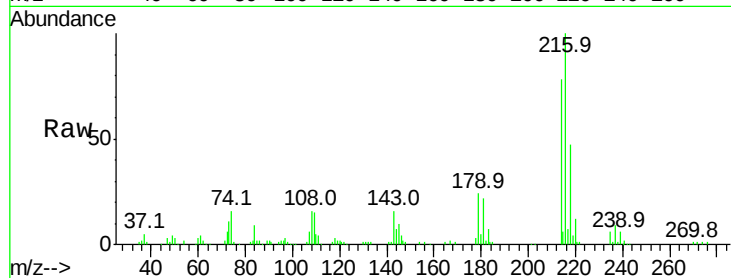
Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 120290

Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.4	96.6
179	21.8	17.4	26.0
108	21.9	15.6	23.4

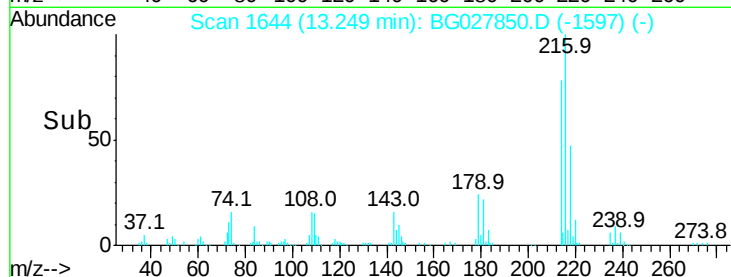


Abundance Ion 216.00 (215.70 to 216.70): E

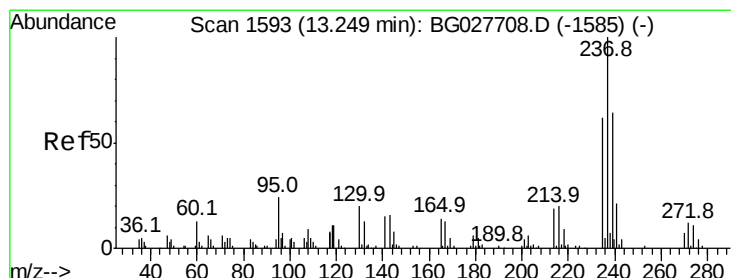
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 117.02 ng

RT: 13.23 min Scan# 1640

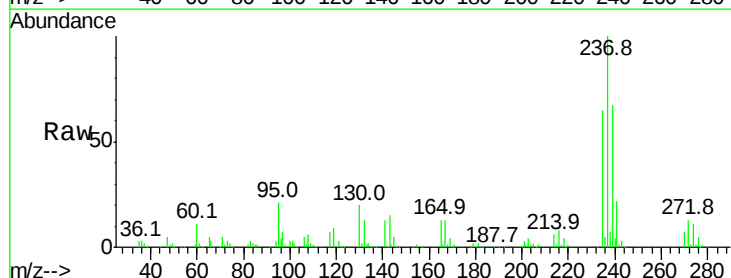
Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Tgt Ion:237 Resp: 154109

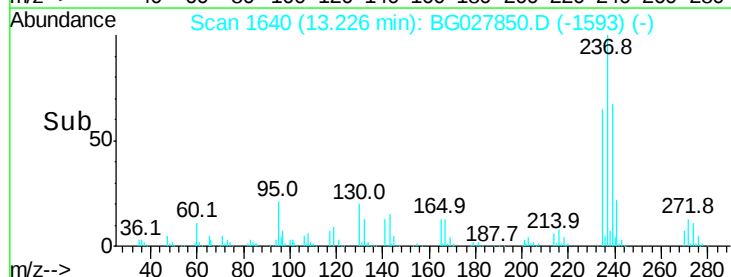
Ion	Ratio	Lower	Upper
237	100		
235	64.8	39.4	79.4
272	13.1	0.0	32.0



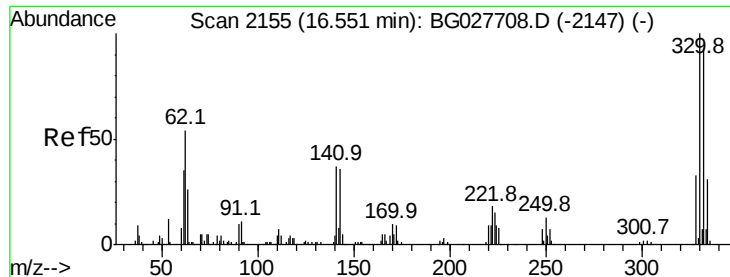
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



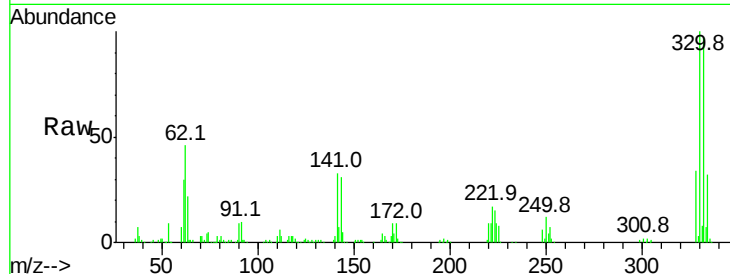
Time-->



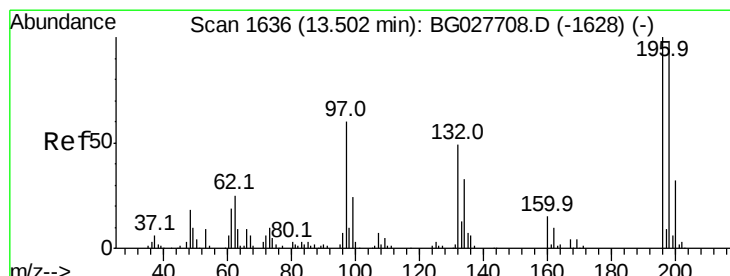
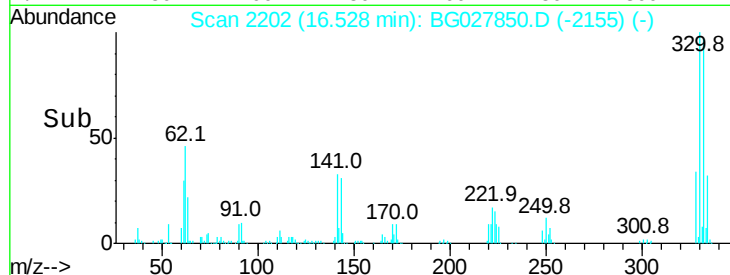
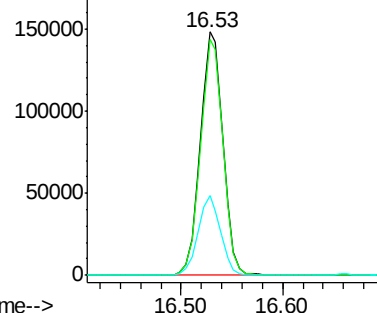
#41
 2,4,6-Tribromophenol
 Concen: 156.49 ng
 RT: 16.53 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	32.4	32.1	48.1



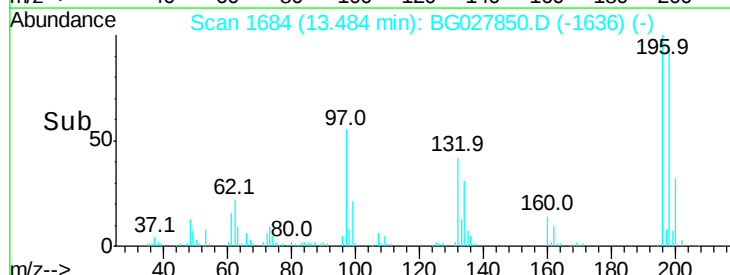
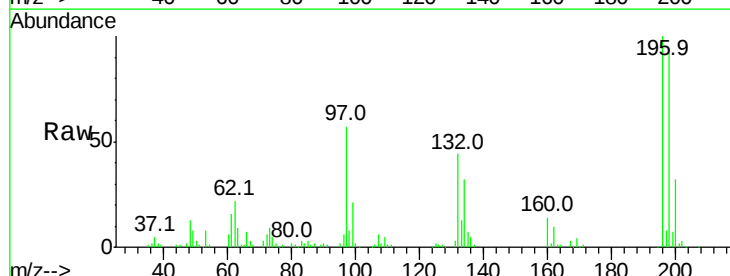
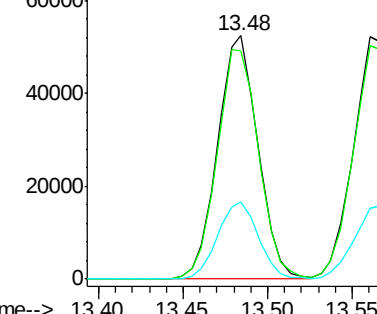
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 43.15 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	81.4	122.2
200	31.9	27.0	40.6

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



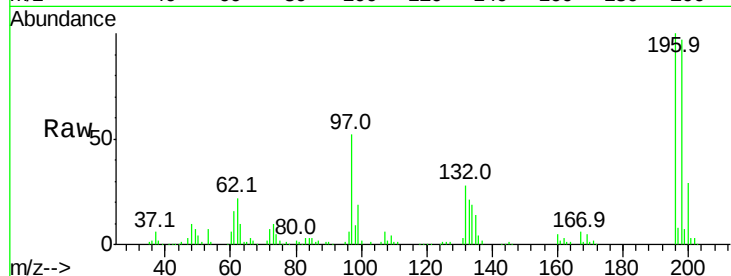


#43
 2,4,5-Trichlorophenol
 Concen: 41.56 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

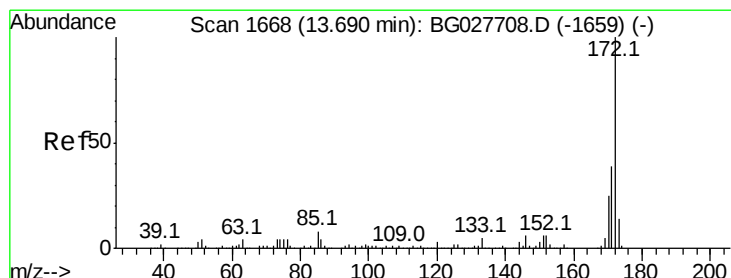
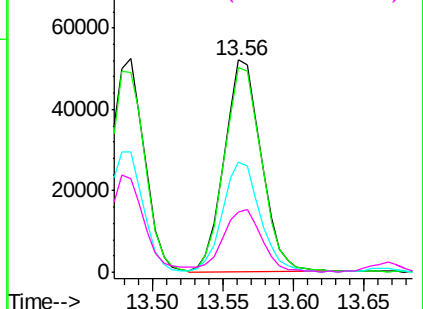
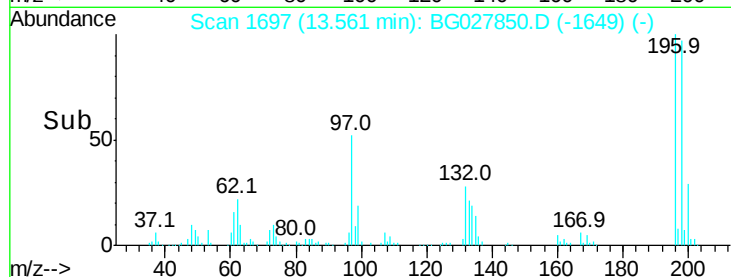
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 95001

Ion	Ratio	Lower	Upper
196	100		
198	96.7	79.9	119.9
97	51.7	45.4	68.0
132	28.1	20.7	31.1



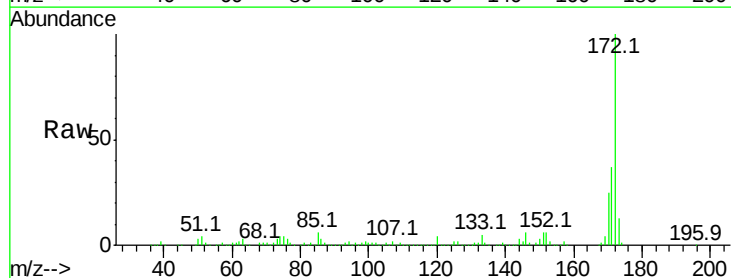
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E



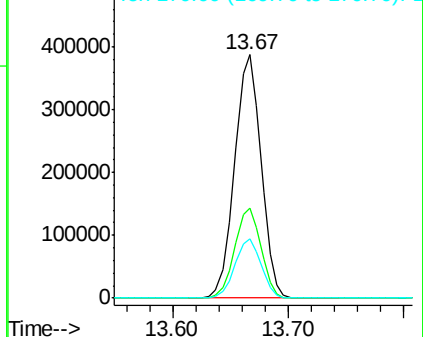
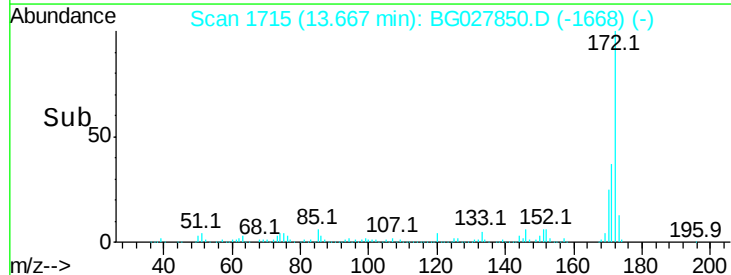
#44
 2-Fluorobiphenyl
 Concen: 82.30 ng
 RT: 13.67 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Tgt Ion:172 Resp: 612520

Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	24.6	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.82 ng

RT: 13.88 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampled :

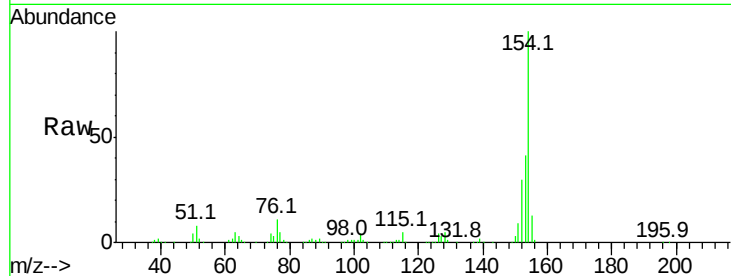
Tot Ion:154 Resp: 330751

Ion Ratio Lower Upper

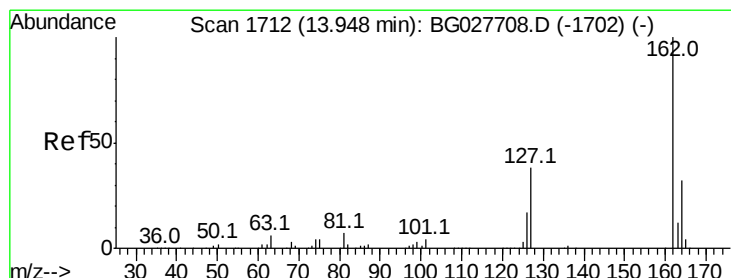
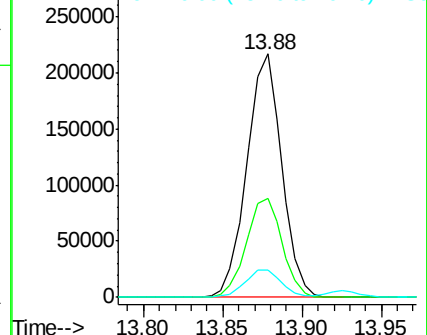
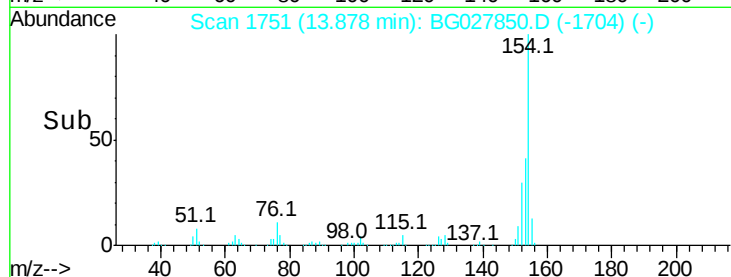
154 100

153 40.8 23.0 63.0

76 11.2 0.0 33.5



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: 38.83 ng

RT: 13.93 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

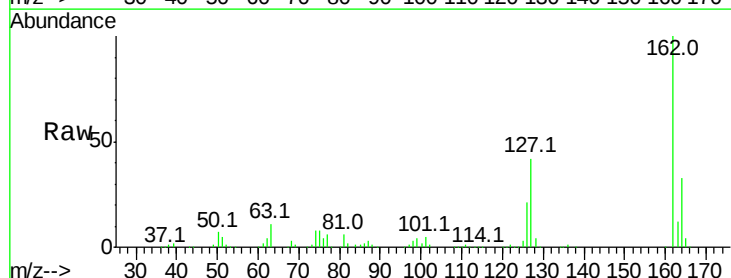
Tgt Ion:162 Resp: 249922

Ion Ratio Lower Upper

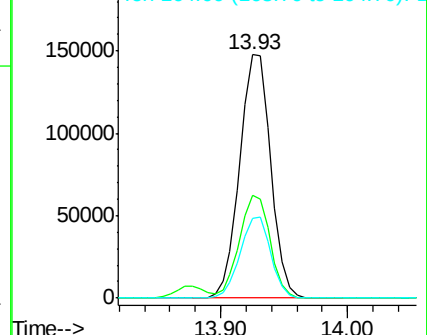
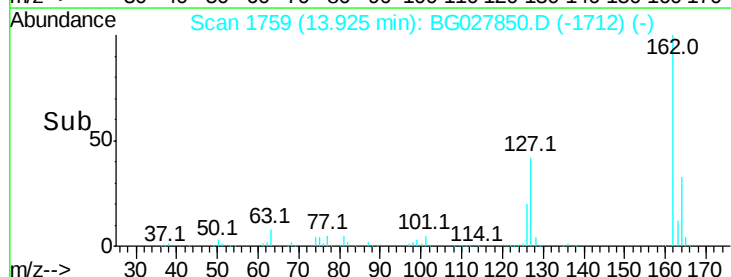
162 100

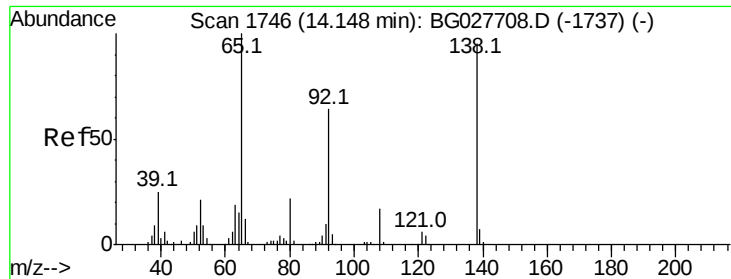
127 42.1 32.2 48.4

164 33.0 27.3 40.9



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

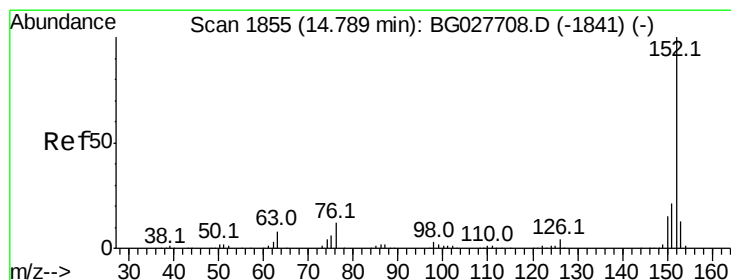
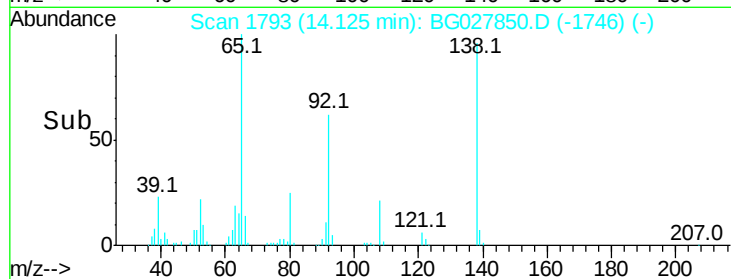
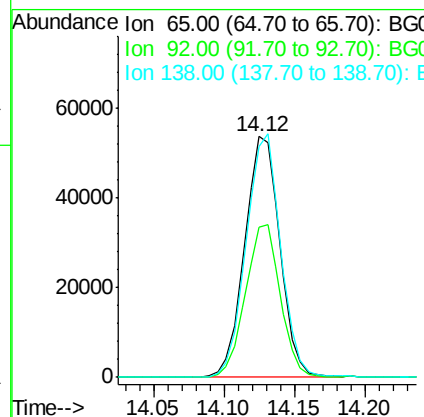
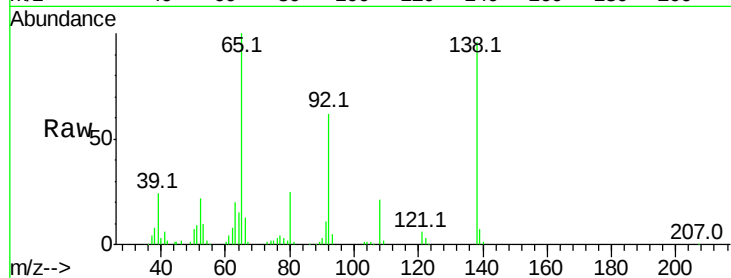




#47
2-Nitroaniline
Concen: 36.54 ng
RT: 14.12 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

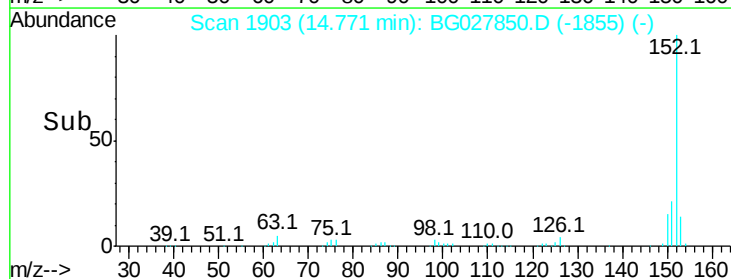
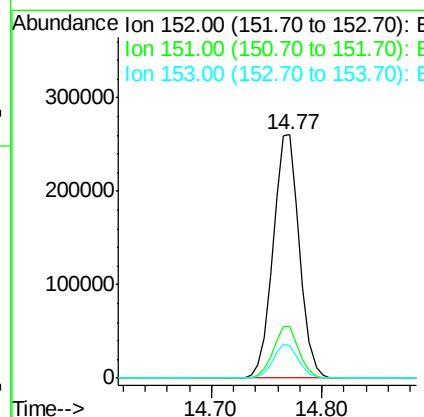
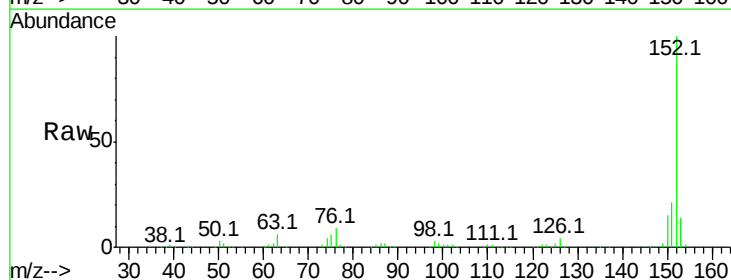
Instrument :
BNA_G
ClientSampleId :

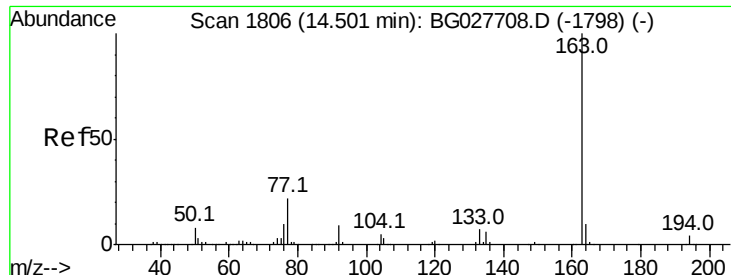
Tot Ion: 65 Resp: 94127
Ion Ratio Lower Upper
65 100
92 62.1 49.0 73.4
138 95.7 58.6 87.8#



#48
Acenaphthylene
Concen: 36.75 ng
RT: 14.77 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Tgt Ion: 152 Resp: 432167
Ion Ratio Lower Upper
152 100
151 21.0 18.2 27.2
153 13.6 11.3 16.9





#49

Dimethylphthalate

Concen: 40.26 ng

RT: 14.48 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

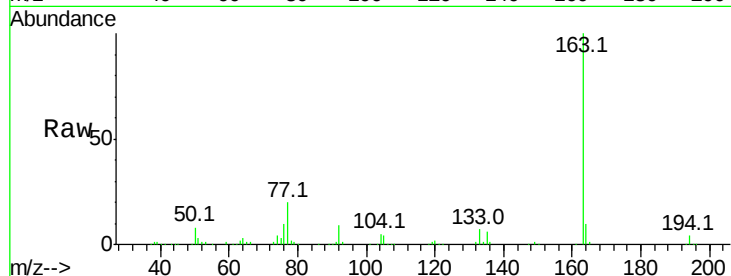
Tot Ion:163 Resp: 365047

Ion Ratio Lower Upper

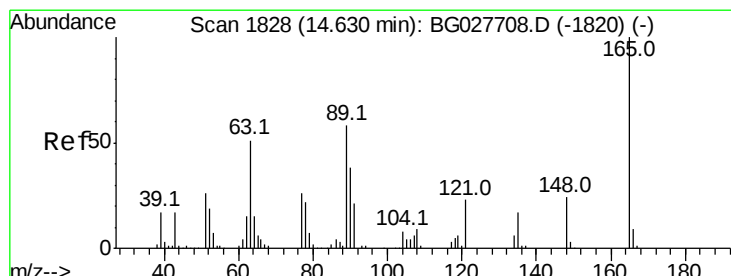
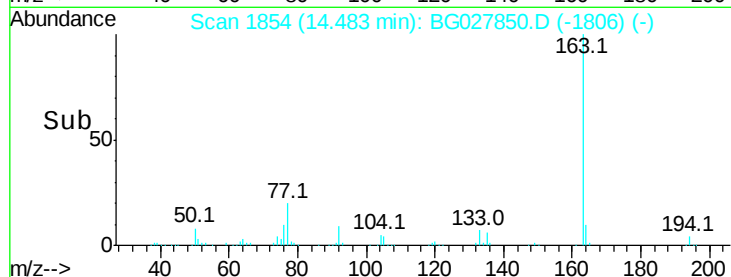
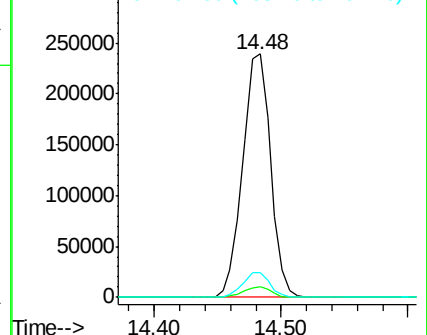
163 100

194 4.3 3.8 5.6

164 10.2 9.3 13.9



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: 39.73 ng

RT: 14.61 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

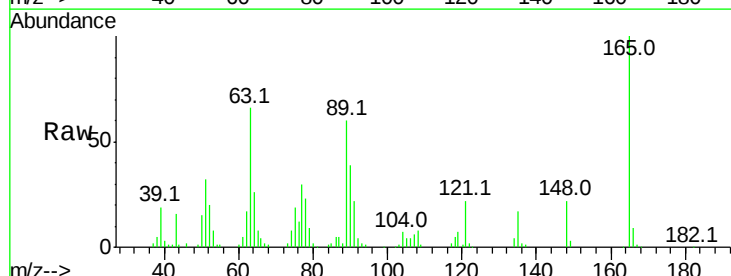
Tgt Ion:165 Resp: 78309

Ion Ratio Lower Upper

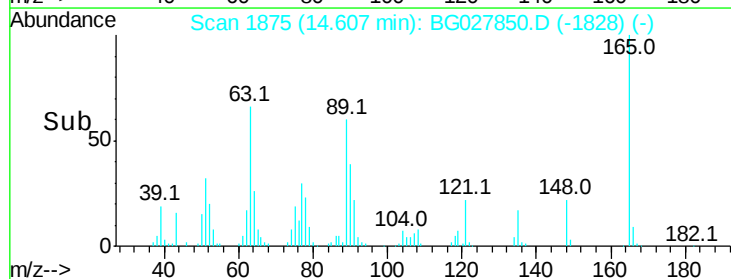
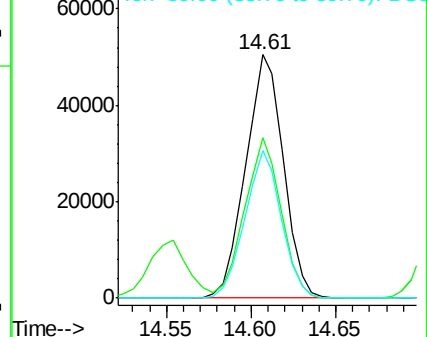
165 100

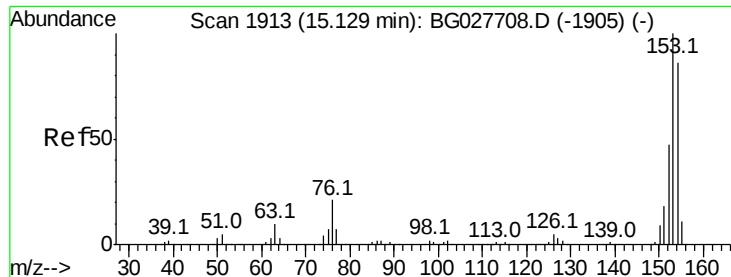
63 65.9 63.9 95.9

89 60.4 58.6 88.0



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: 34.85 ng

RT: 15.11 min Scan# 1960

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampled :

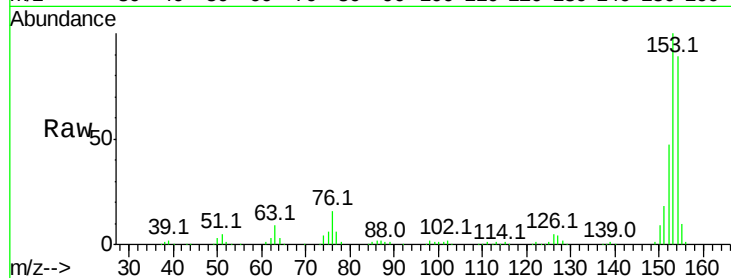
Tot Ion:154 Resp: 262706

Ion Ratio Lower Upper

154 100

153 112.6 87.8 131.6

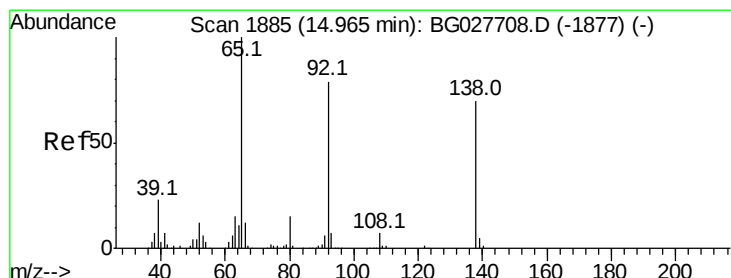
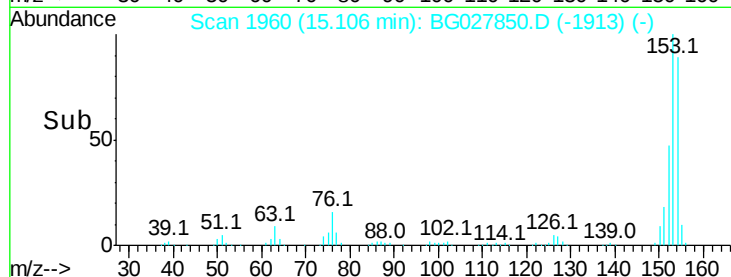
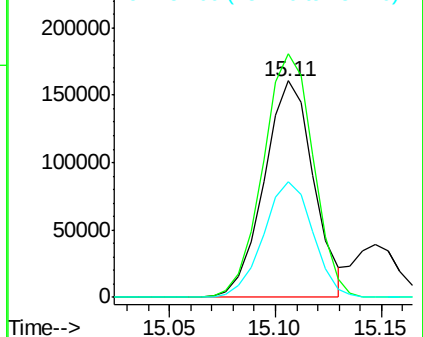
152 53.4 42.2 63.4



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: 25.04 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

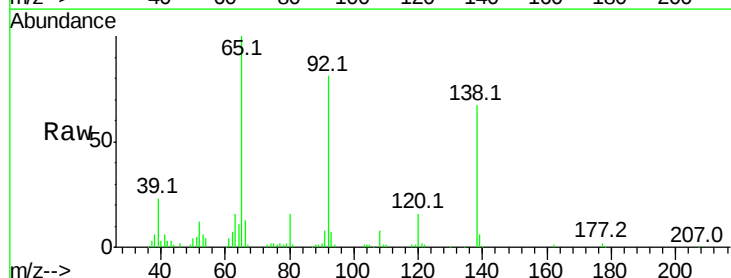
Tgt Ion:138 Resp: 58059

Ion Ratio Lower Upper

138 100

108 11.2 10.9 16.3

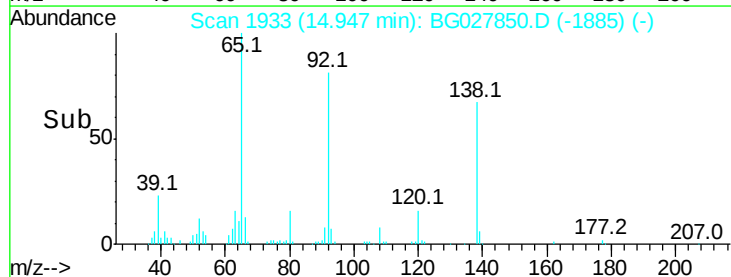
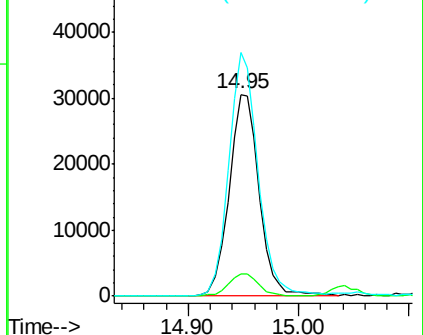
92 120.6 115.3 172.9

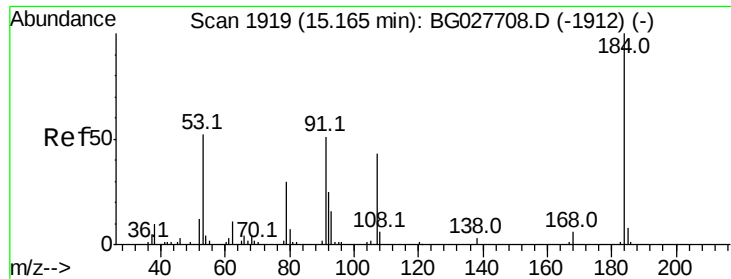


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

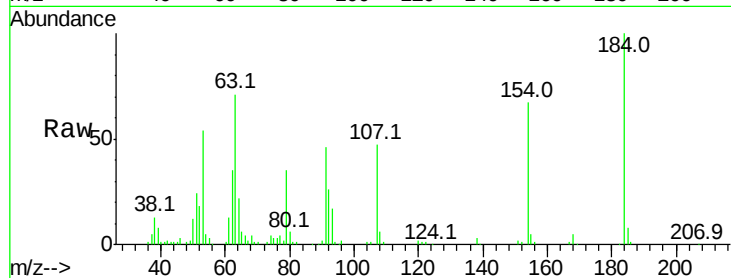




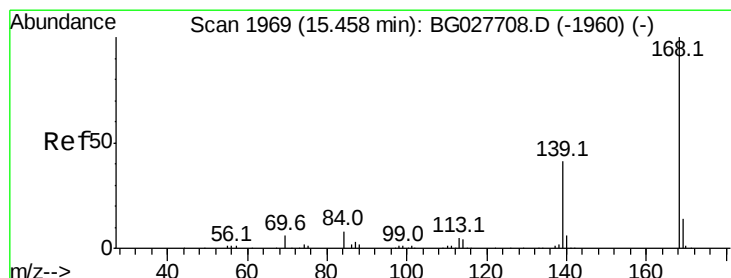
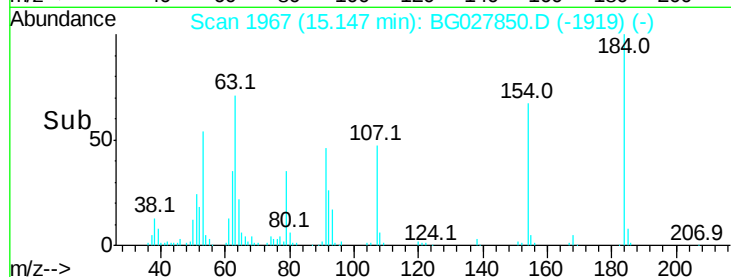
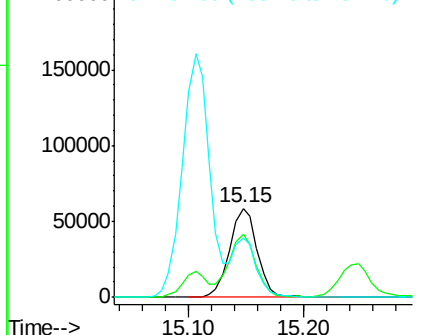
#53
 2,4-Dinitrophenol
 Concen: 89.09 ng
 RT: 15.15 min Scan# 1967
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 97548
 Ion Ratio Lower Upper
 184 100
 63 71.3 52.7 79.1
 154 66.5 57.3 85.9

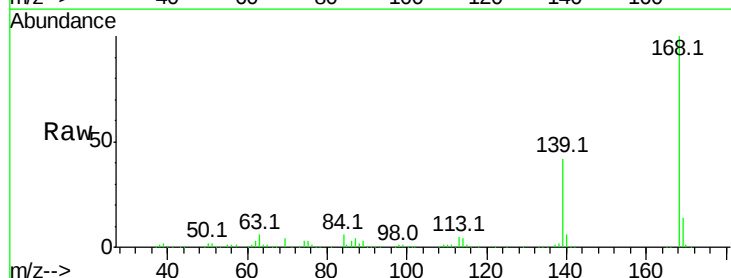


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): B
 Ion 154.00 (153.70 to 154.70): E

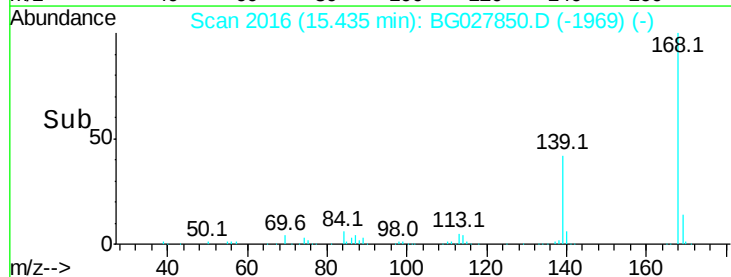
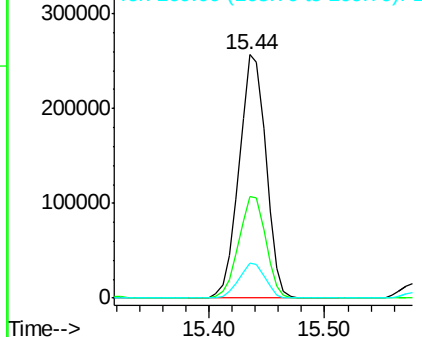


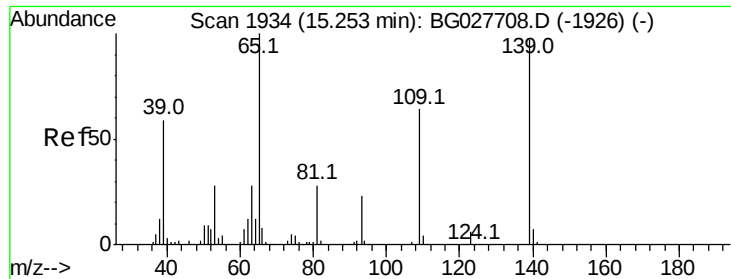
#54
 Dibenzofuran
 Concen: 41.62 ng
 RT: 15.44 min Scan# 2016
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Tgt Ion:168 Resp: 414772
 Ion Ratio Lower Upper
 168 100
 139 41.7 35.3 52.9
 169 14.3 11.5 17.3



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

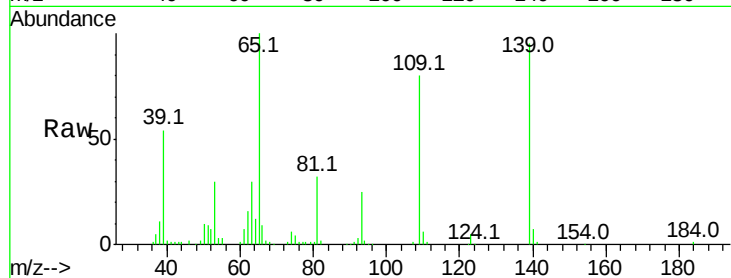




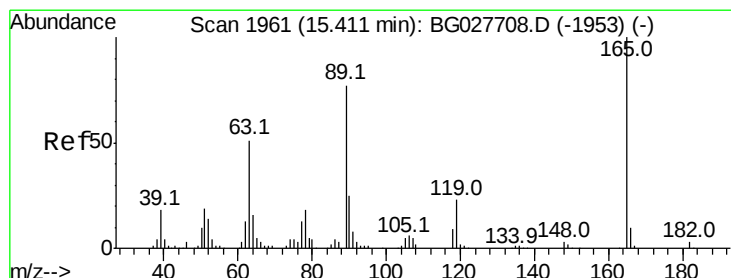
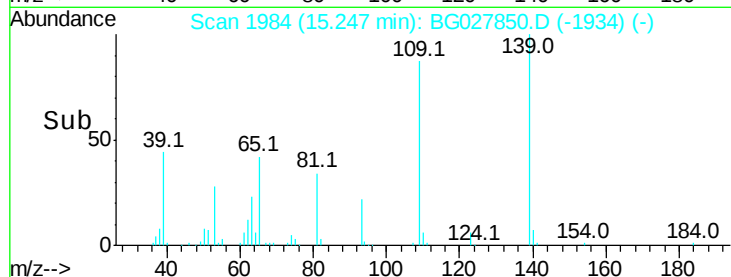
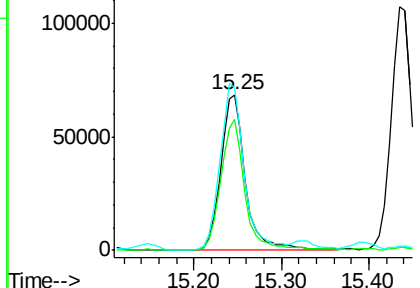
#55
4-Nitrophenol
Concen: 74.92 ng
RT: 15.25 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 132622
Ion Ratio Lower Upper
139 100
109 83.8 101.2 141.2#
65 104.8 135.3 175.3#

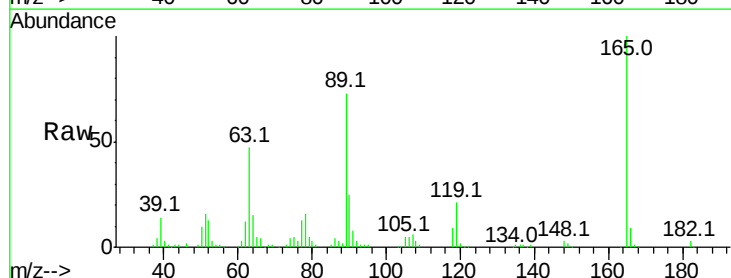


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

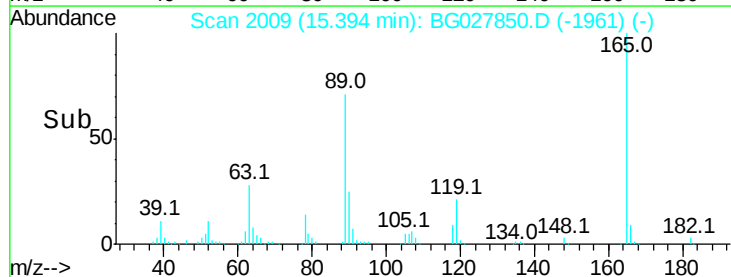
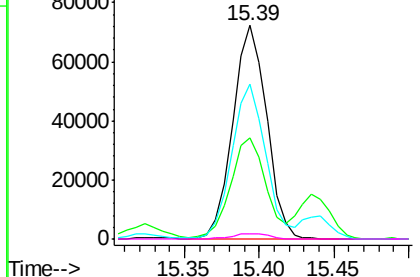


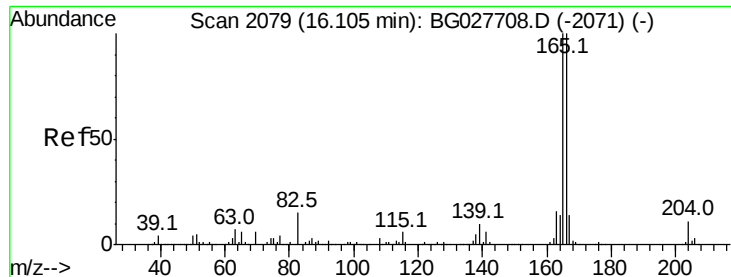
#56
2,4-Dinitrotoluene
Concen: 41.52 ng
RT: 15.39 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Tgt Ion:165 Resp: 114150
Ion Ratio Lower Upper
165 100
63 47.2 44.0 66.0
89 72.8 67.3 100.9
182 2.5 3.8 5.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

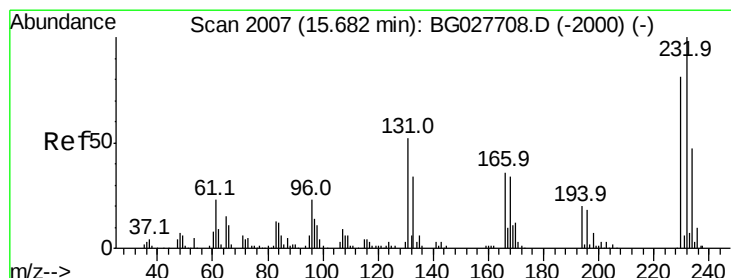
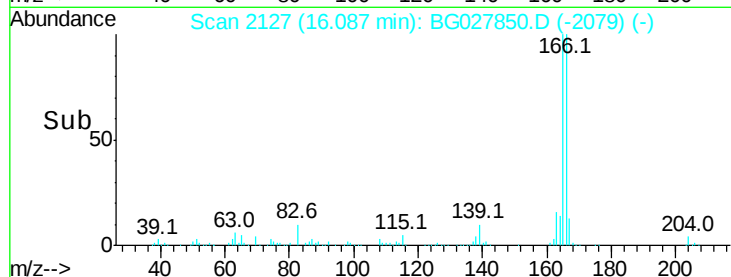
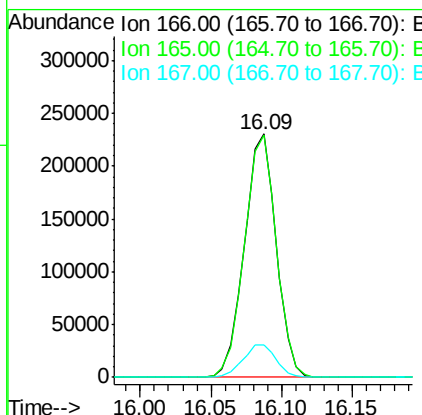
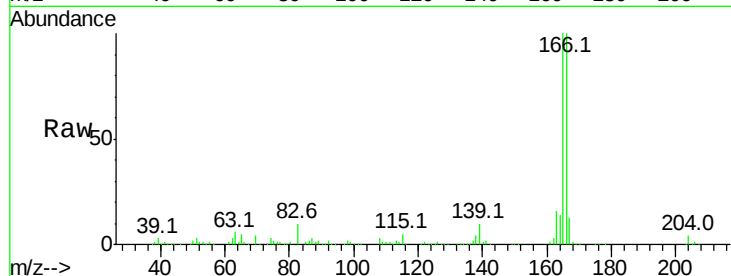




#57
 Fluorene
 Concen: 37.67 ng
 RT: 16.09 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

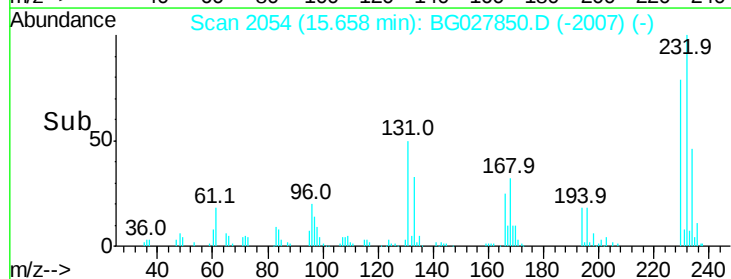
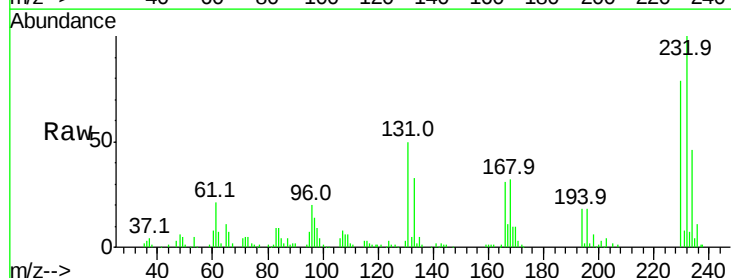
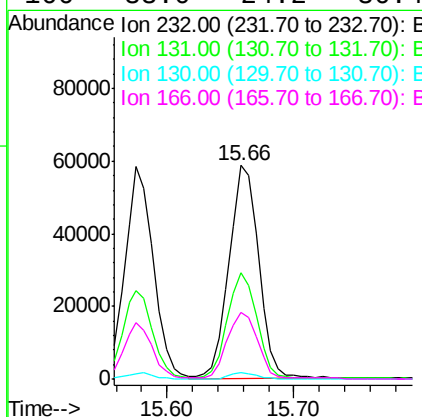
Instrument :
 BNA_G
 ClientSampleId :

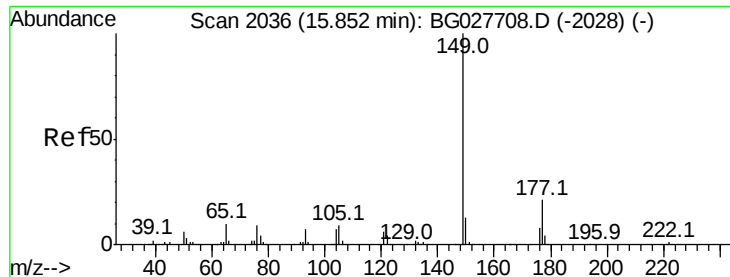
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.6	117.8
167	13.4	11.6	17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.90 ng
 RT: 15.66 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.4	34.9	52.3
130	2.8	2.3	3.5
166	33.0	24.2	36.4

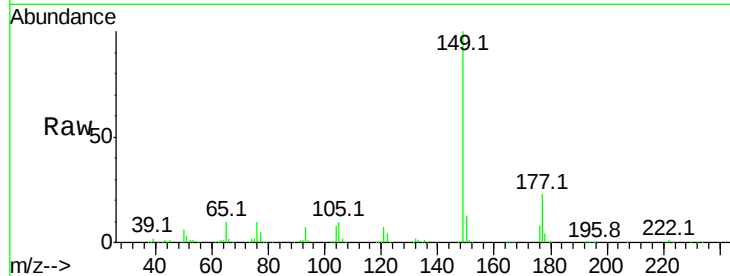




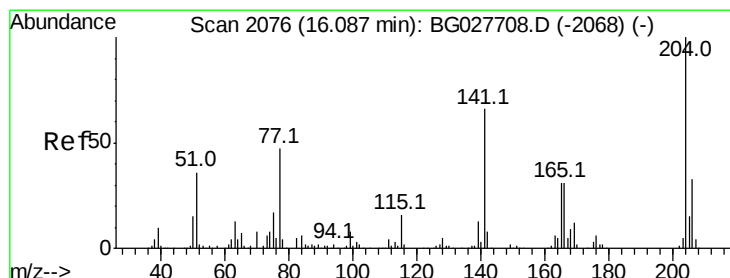
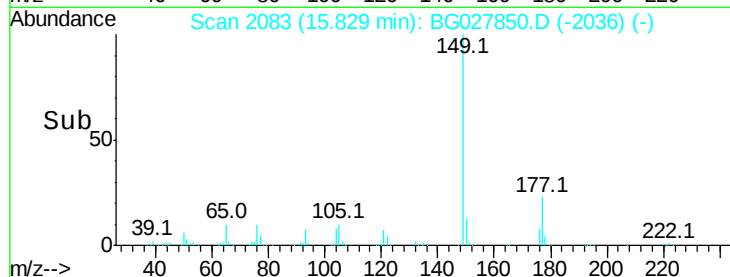
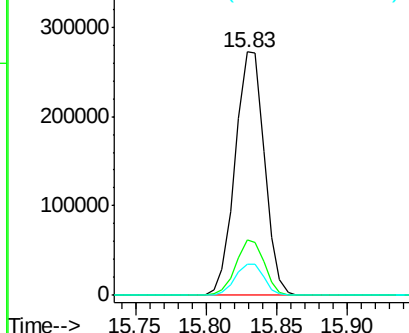
#59
Diethylphthalate
Concen: 39.33 ng
RT: 15.83 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 394842
Ion Ratio Lower Upper
149 100
177 22.6 20.1 30.1
150 12.9 10.2 15.2

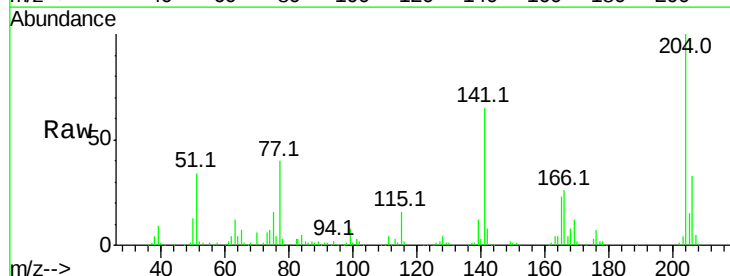


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

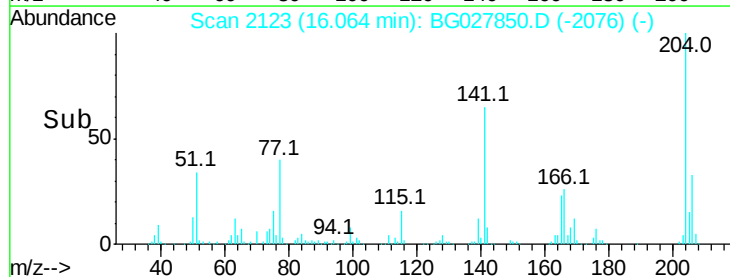
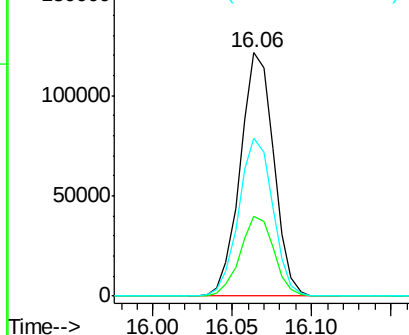


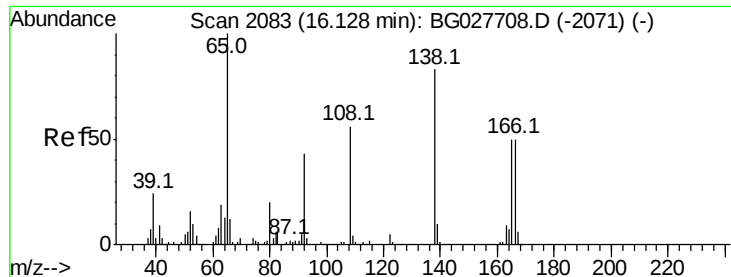
#60
4-Chlorophenyl-phenylether
Concen: 41.66 ng
RT: 16.06 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Tgt Ion:204 Resp: 178214
Ion Ratio Lower Upper
204 100
206 32.7 30.1 45.1
141 65.0 50.6 76.0



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

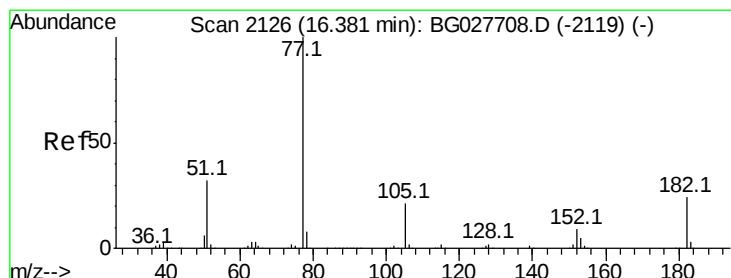
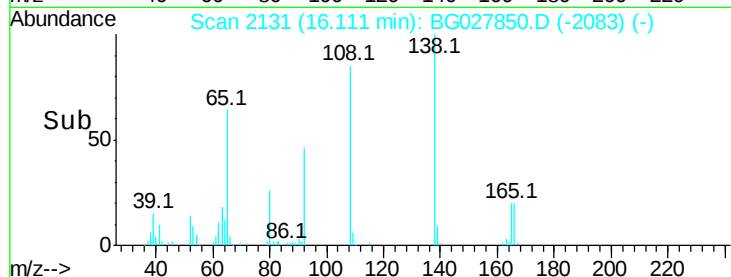
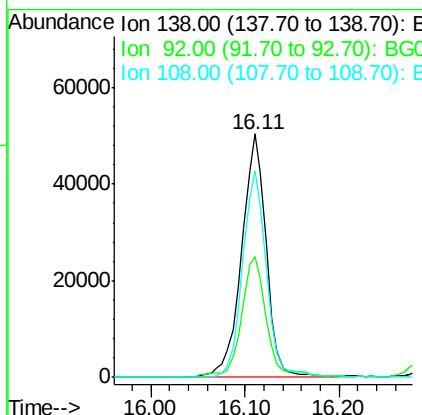
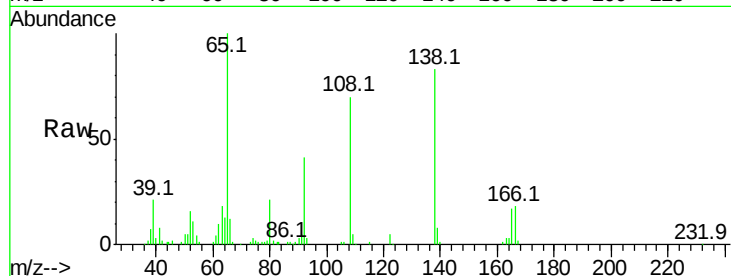




#61
4-Nitroaniline
Concen: 37.91 ng
RT: 16.11 min Scan# 2131
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

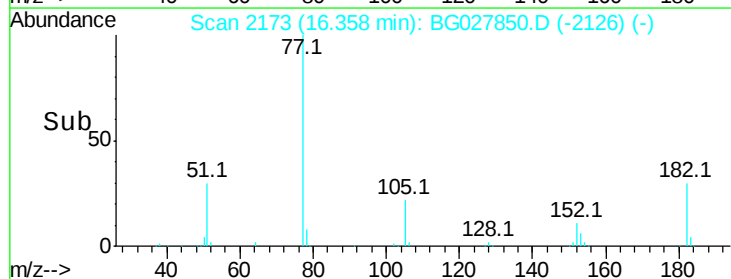
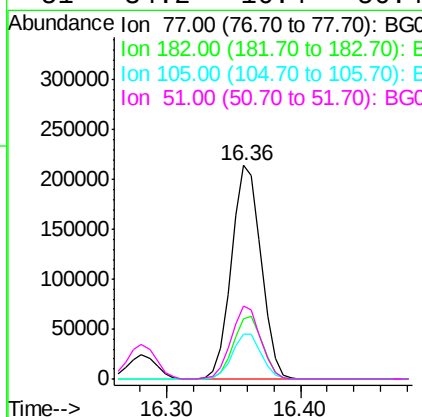
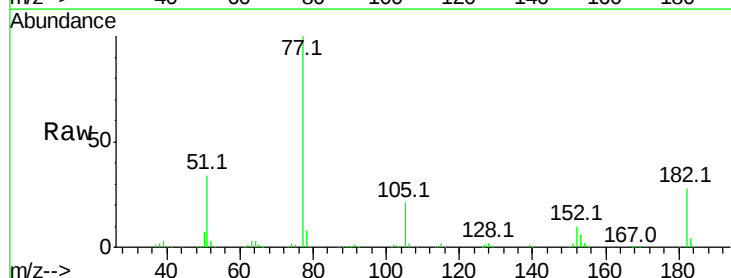
Instrument :
BNA_G
ClientSampleId :

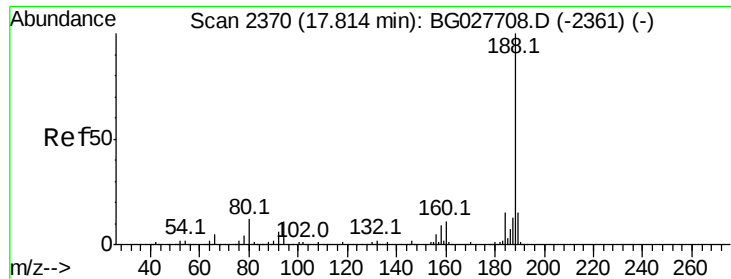
Tot Ion:138 Resp: 91593
Ion Ratio Lower Upper
138 100
92 49.5 44.2 84.2
108 84.8 104.8 144.8#



#62
Azobenzene
Concen: 37.44 ng
RT: 16.36 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Tgt Ion: 77 Resp: 330310
Ion Ratio Lower Upper
77 100
182 28.3 4.7 44.7
105 20.9 0.0 36.3
51 34.2 16.4 56.4

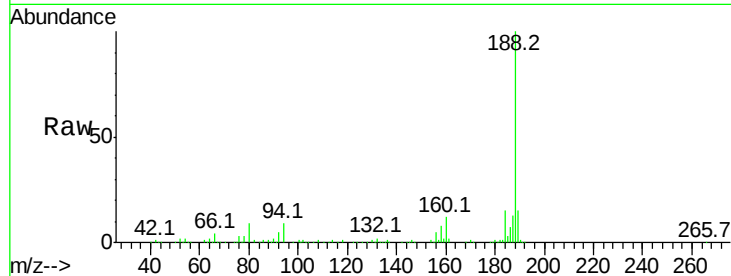




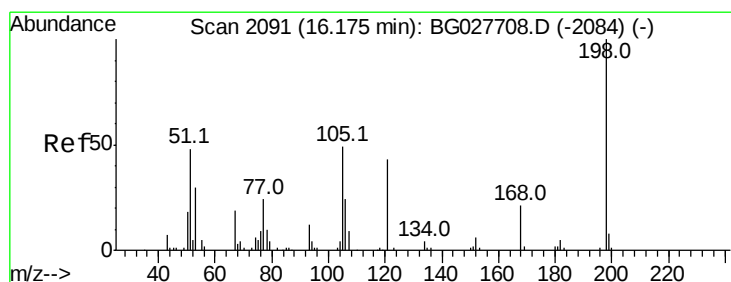
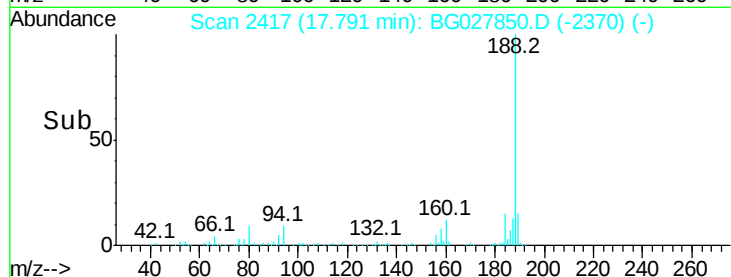
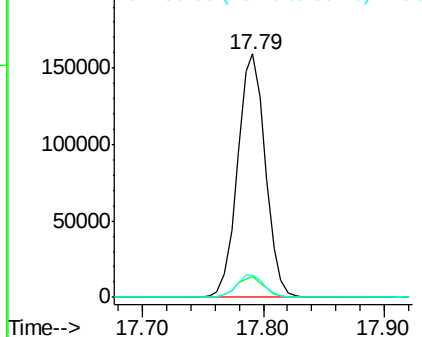
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.79 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 255369
 Ion Ratio Lower Upper
 188 100
 94 8.5 5.8 8.8
 80 9.0 7.5 11.3

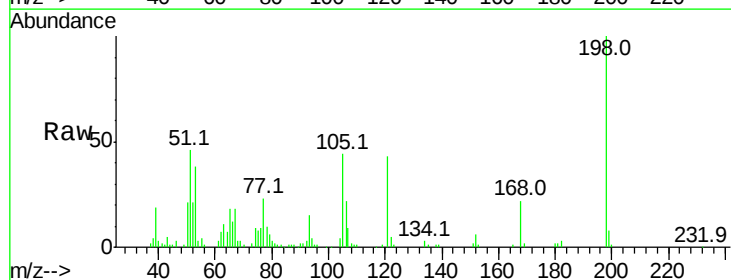


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

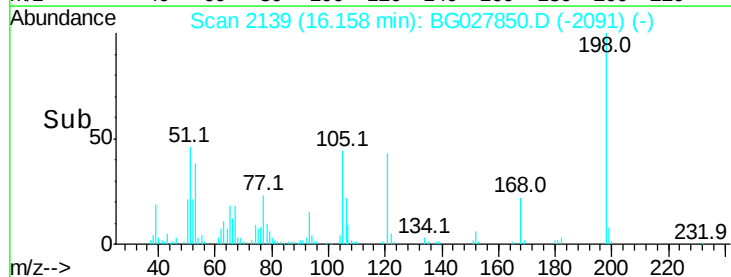
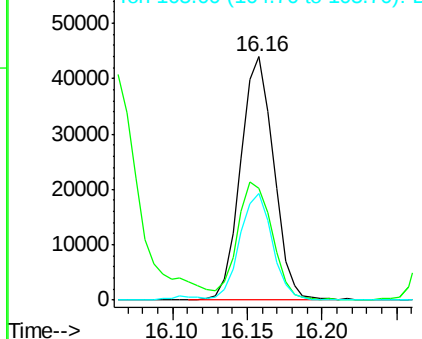


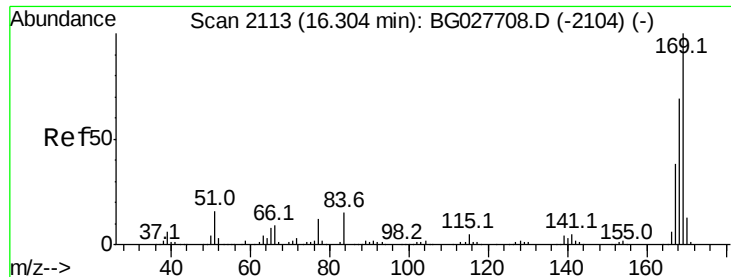
#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.16 ng
 RT: 16.16 min Scan# 2139
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Tgt Ion:198 Resp: 67668
 Ion Ratio Lower Upper
 198 100
 51 45.8 22.6 62.6
 105 43.6 14.4 54.4



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

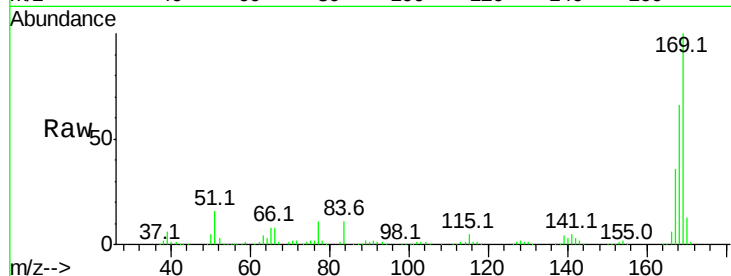




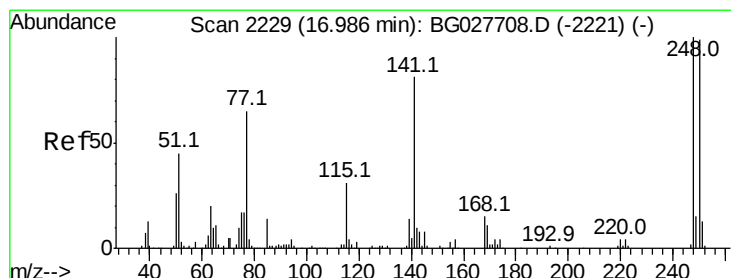
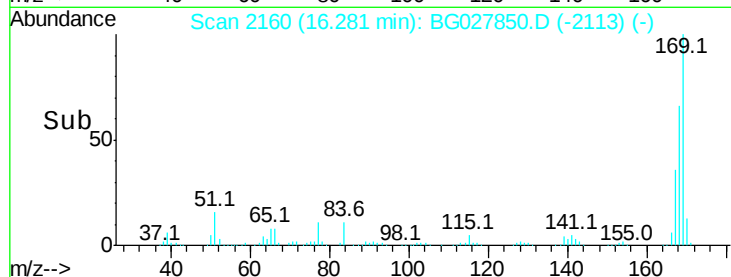
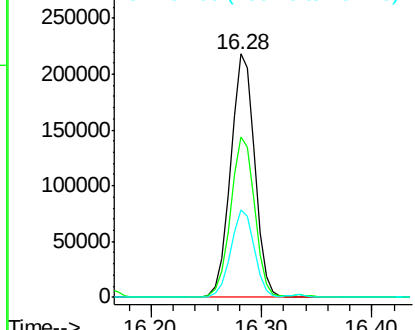
#65
 n-Nitrosodiphenylamine
 Concen: 40.10 ng
 RT: 16.28 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:169 Resp: 333130
 Ion Ratio Lower Upper
 169 100
 168 66.1 55.7 83.5
 167 35.7 29.8 44.6

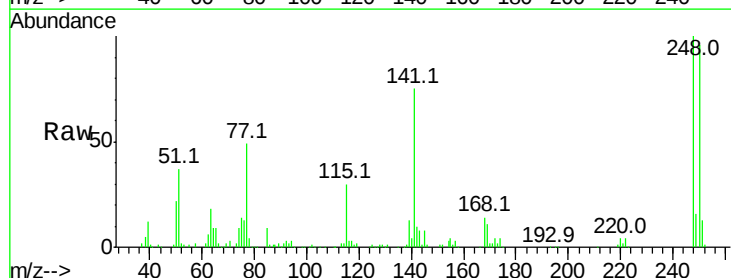


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

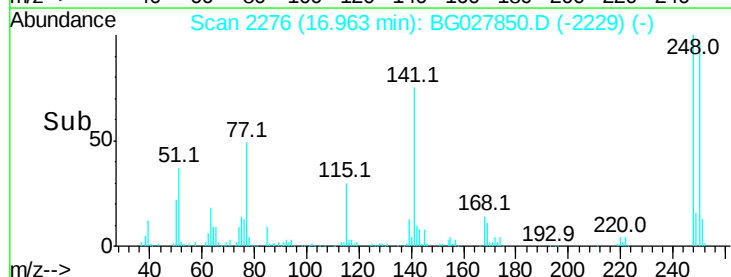
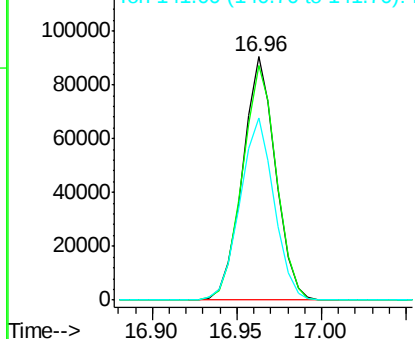


#66
 4-Bromophenyl-phenylether
 Concen: 46.13 ng
 RT: 16.96 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Tgt Ion:248 Resp: 123222
 Ion Ratio Lower Upper
 248 100
 250 96.3 75.0 112.6
 141 74.9 55.2 82.8



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

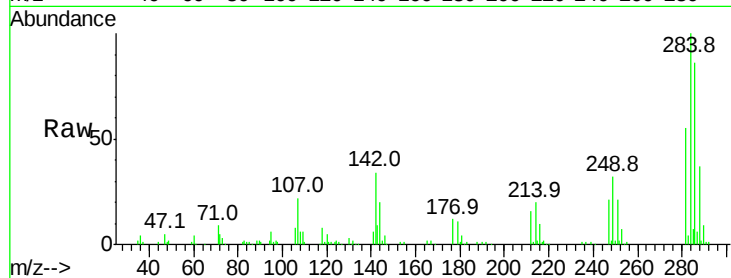




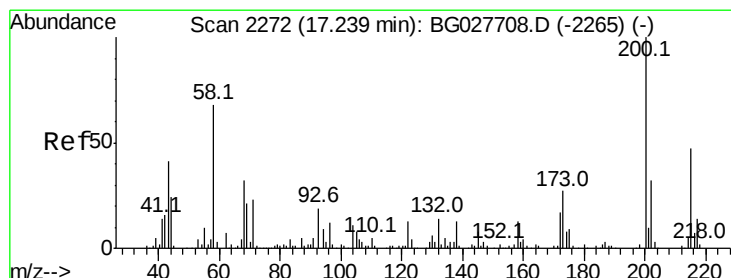
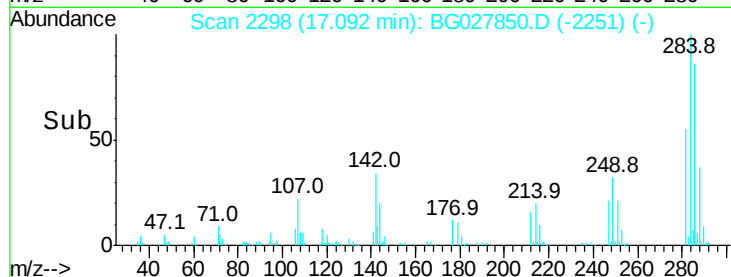
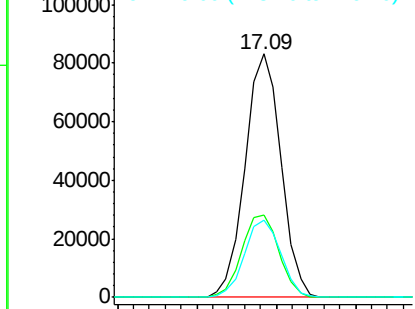
#67
Hexachlorobenzene
Concen: 46.21 ng
RT: 17.09 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:284 Resp: 130702
Ion Ratio Lower Upper
284 100
142 33.8 29.9 44.9
249 31.8 29.2 43.8

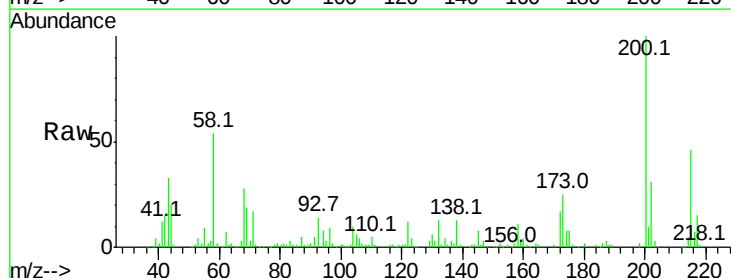


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

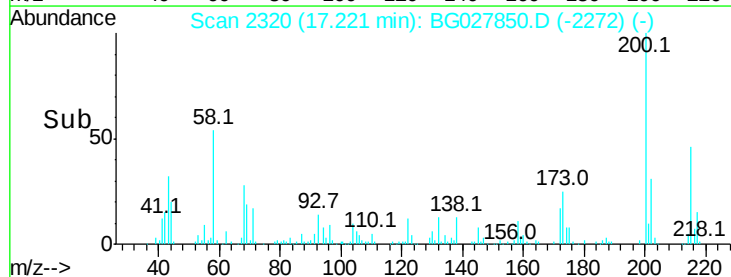
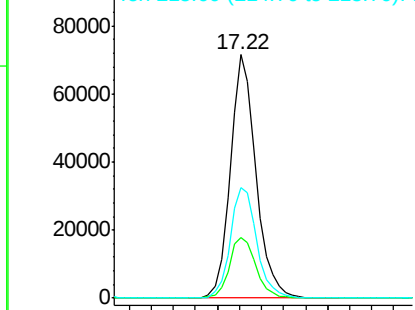


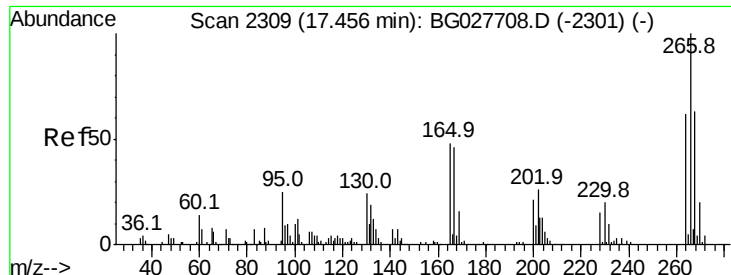
#68
Atrazine
Concen: 44.21 ng
RT: 17.22 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Tgt Ion:200 Resp: 115955
Ion Ratio Lower Upper
200 100
173 25.0 3.0 43.0
215 45.5 28.4 68.4



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





#69

Pentachlorophenol

Concen: 86.22 ng

RT: 17.44 min Scan# 2357

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

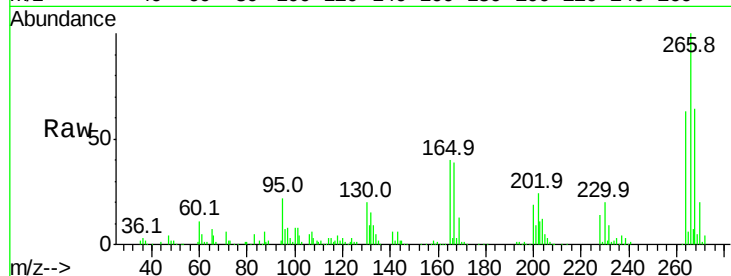
Tot Ion:266 Resp: 156637

Ion Ratio Lower Upper

266 100

268 63.8 48.6 72.8

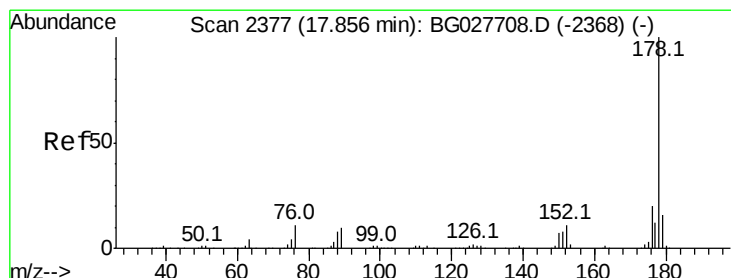
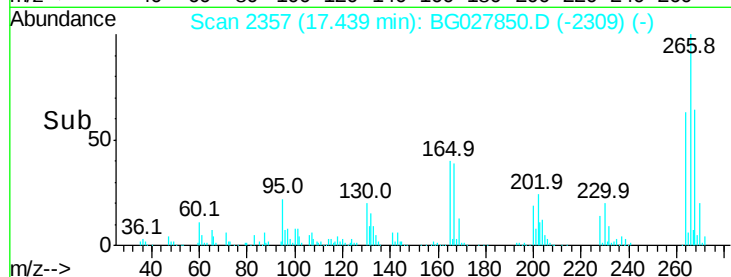
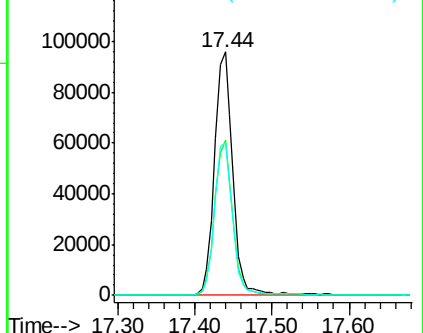
264 62.8 50.1 75.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.33 ng

RT: 17.83 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

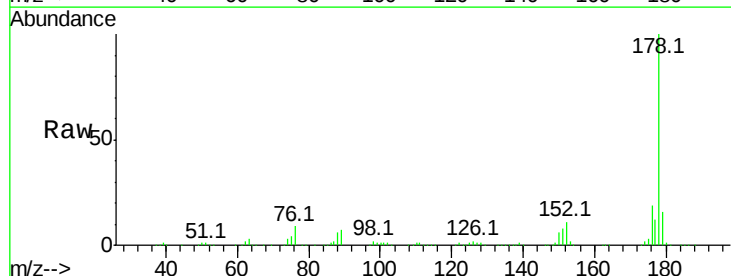
Tgt Ion:178 Resp: 594494

Ion Ratio Lower Upper

178 100

176 19.3 17.7 26.5

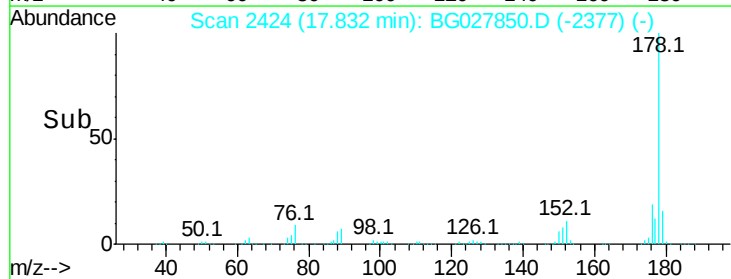
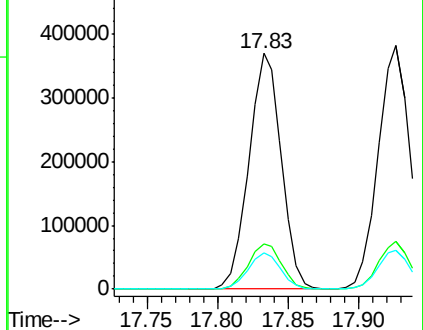
179 15.7 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

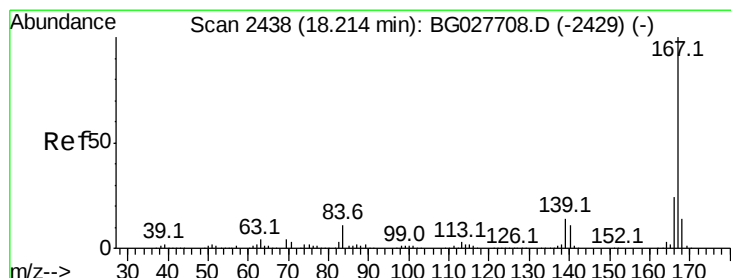
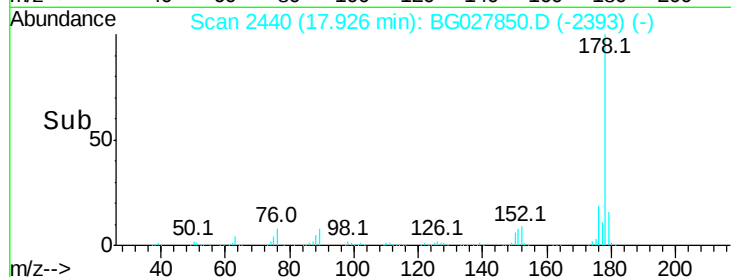
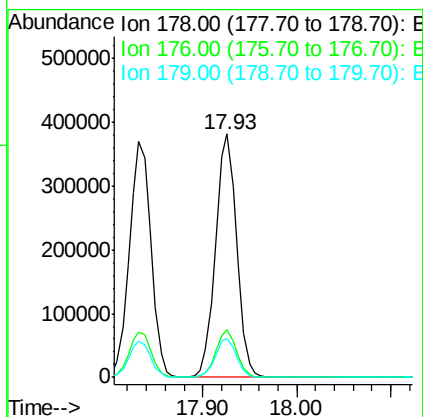
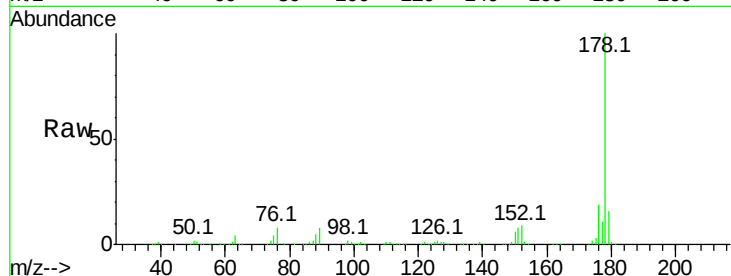




#71
 Anthracene
 Concen: 40.36 ng
 RT: 17.93 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

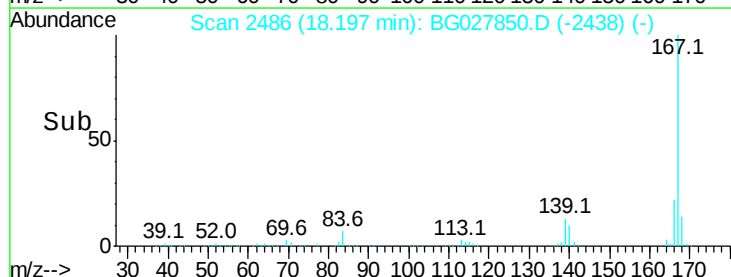
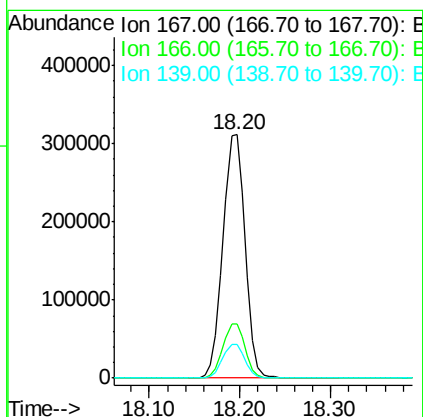
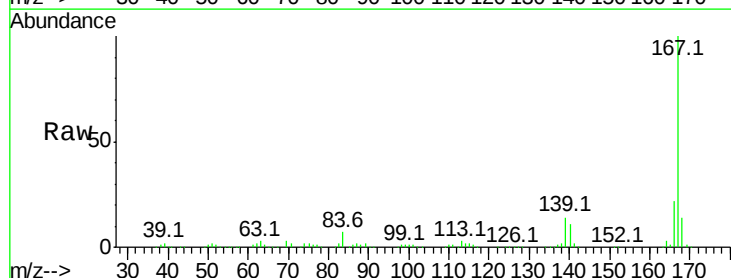
Instrument :
 BNA_G
 ClientSampleId :

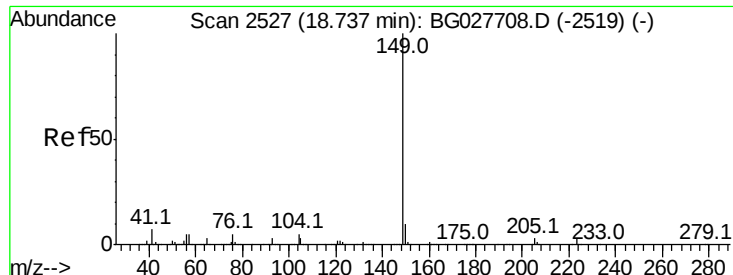
Tot Ion:178 Resp: 600767
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.4 24.6
 179 15.7 13.8 20.8



#72
 Carbazole
 Concen: 36.13 ng
 RT: 18.20 min Scan# 2486
 Delta R.T. -0.02 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Tgt Ion:167 Resp: 529698
 Ion Ratio Lower Upper
 167 100
 166 22.0 20.2 30.2
 139 14.0 12.8 19.2

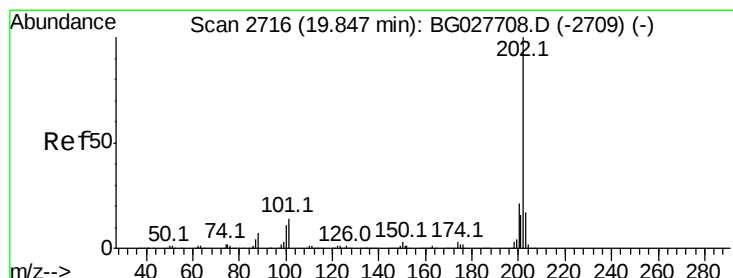
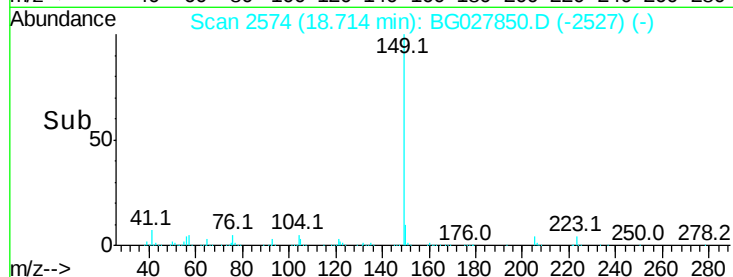
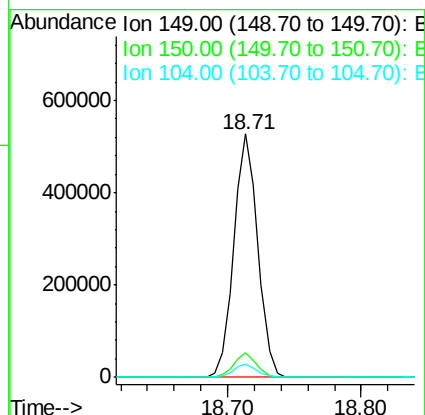
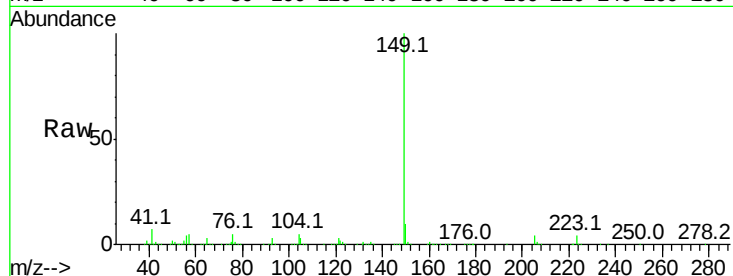




#73
Di-n-butylphthalate
Concen: 41.01 ng
RT: 18.71 min Scan# 2574
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

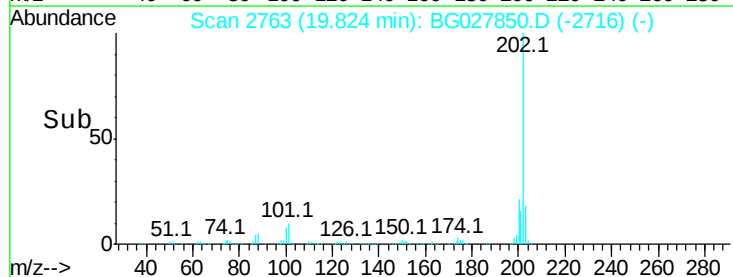
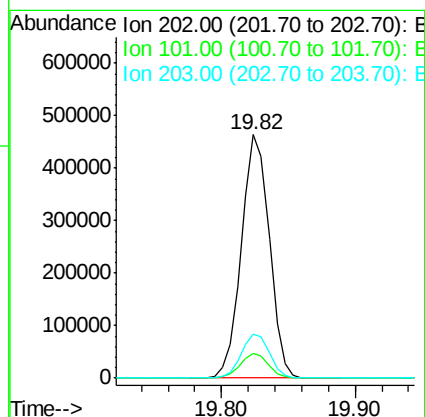
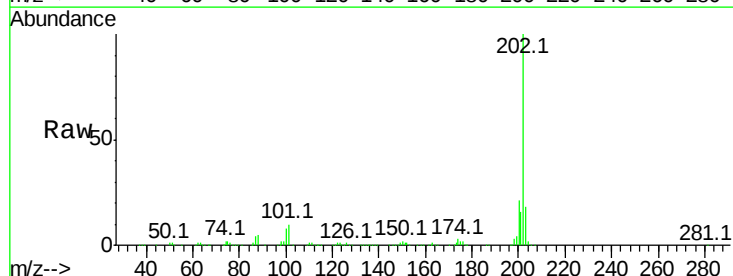
Instrument :
BNA_G
ClientSampleId :

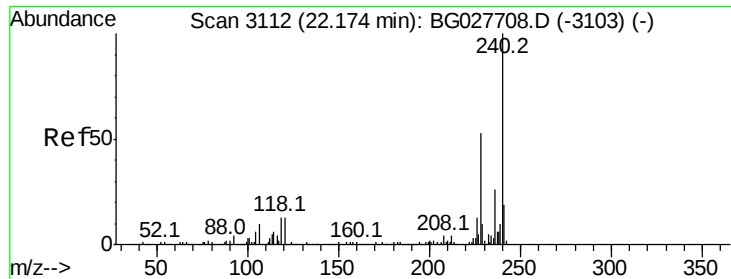
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	9.1	13.7
104	5.2	6.7	10.1



#74
Fluoranthene
Concen: 41.56 ng
RT: 19.82 min Scan# 2763
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.1
203	18.0	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.14 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

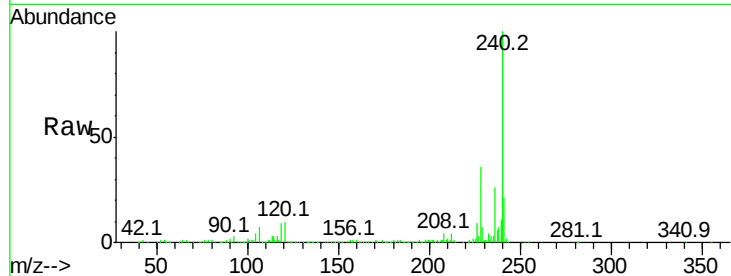
Tot Ion:240 Resp: 280335

Ion Ratio Lower Upper

240 100

120 9.8 5.7 8.5#

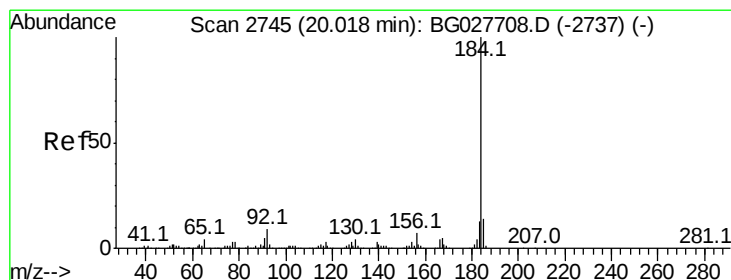
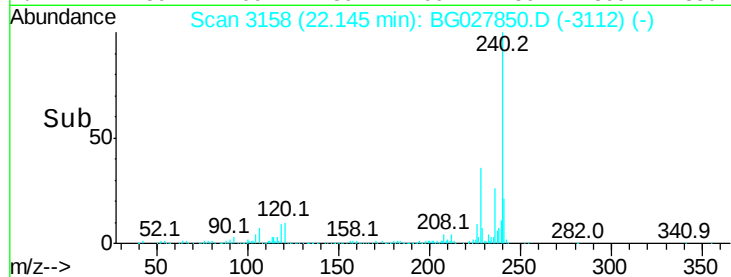
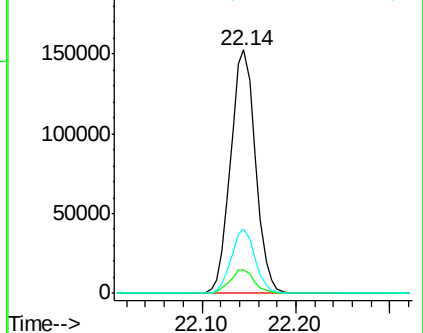
236 26.4 22.2 33.4



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: 52.96 ng

RT: 20.00 min Scan# 2793

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

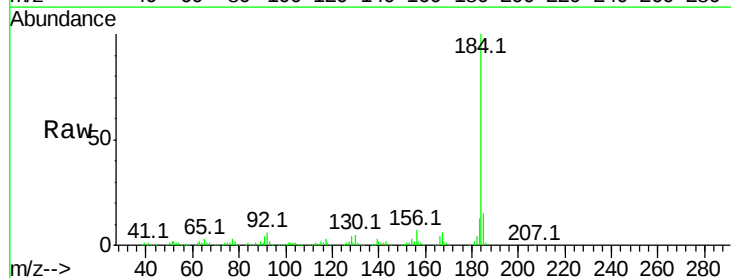
Tgt Ion:184 Resp: 355766

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.6

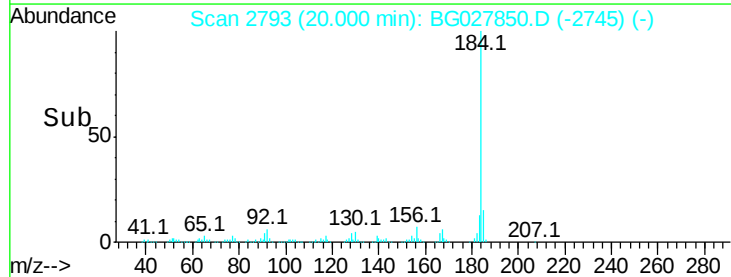
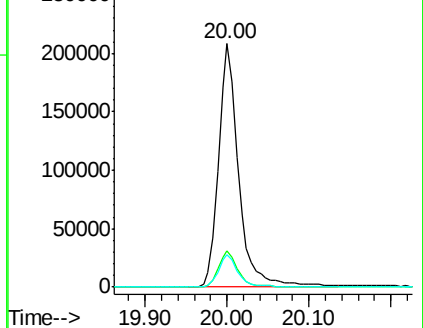
183 13.2 11.0 16.6

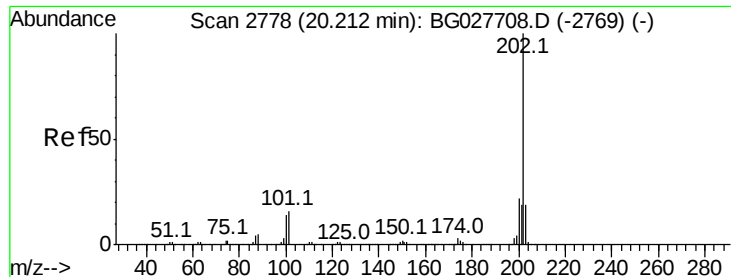


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.13 ng

RT: 20.19 min Scan# 2825

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

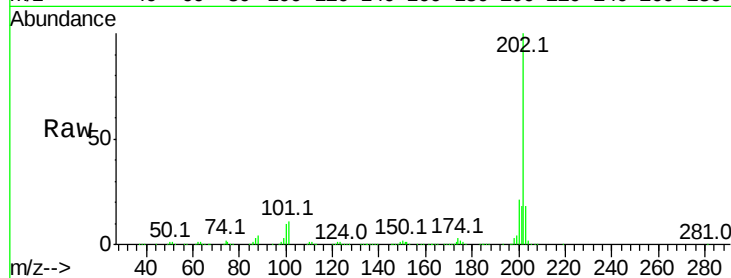
Tot Ion:202 Resp: 688388

Ion Ratio Lower Upper

202 100

200 21.5 19.6 29.4

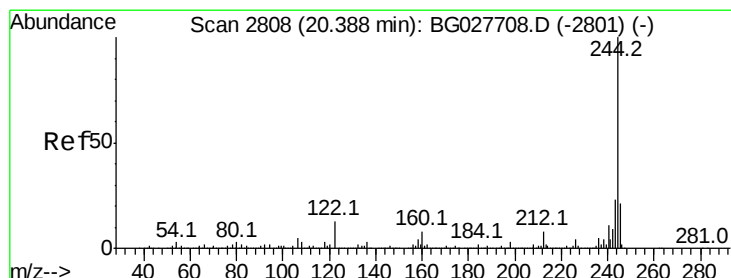
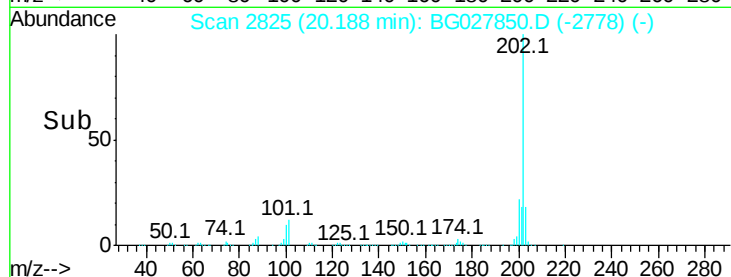
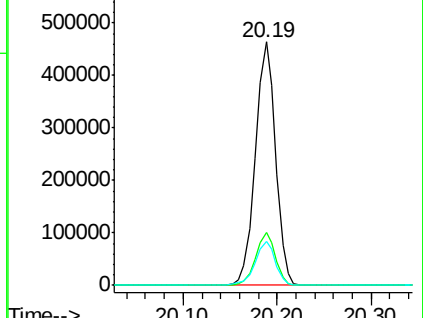
203 18.0 15.8 23.8



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: 86.73 ng

RT: 20.36 min Scan# 2855

Delta R.T. -0.02 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

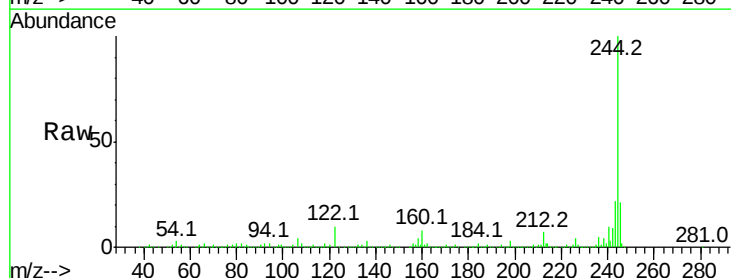
Tgt Ion:244 Resp: 1037075

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

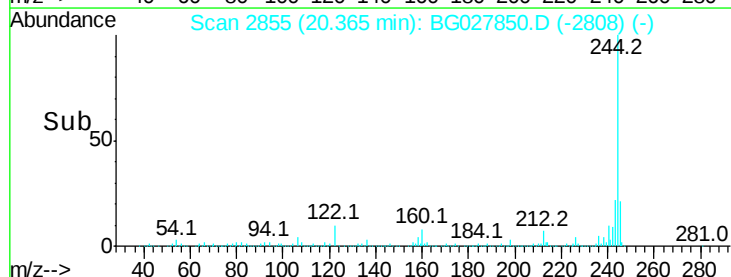
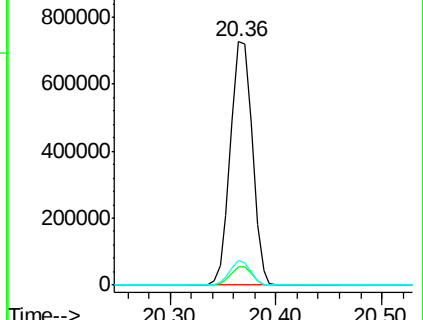
122 10.1 8.6 12.8

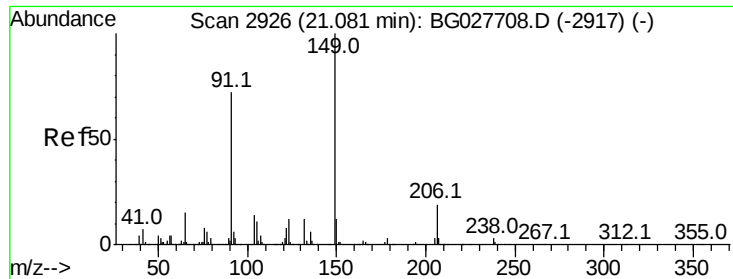


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

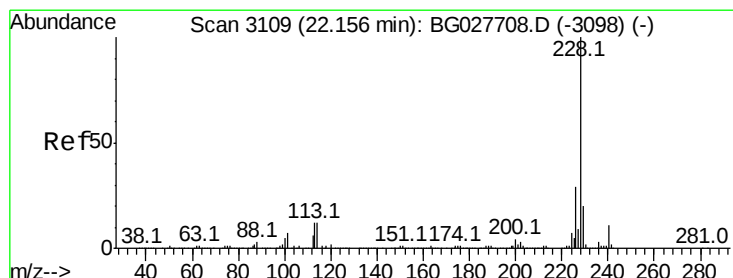
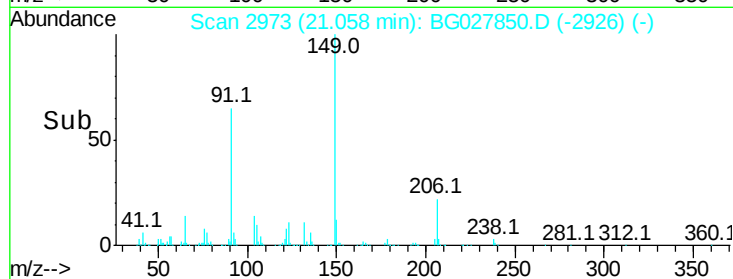
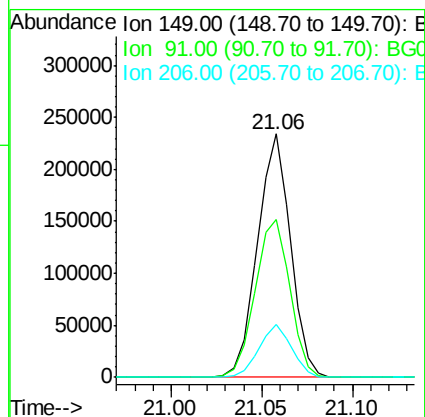
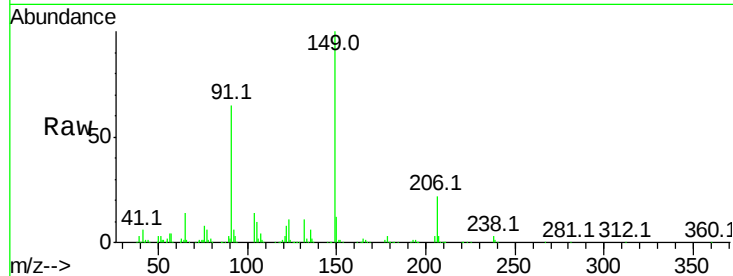




#79
Butylbenzylphthalate
Concen: 37.28 ng
RT: 21.06 min Scan# 2973
Delta R.T. -0.02 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

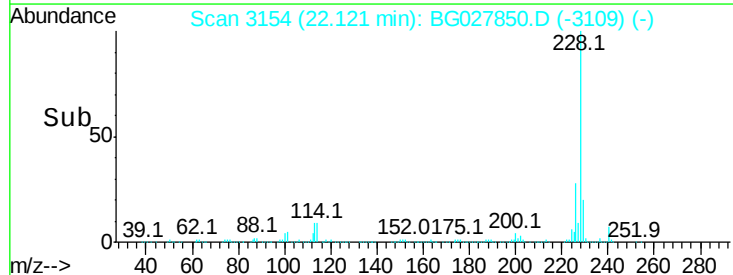
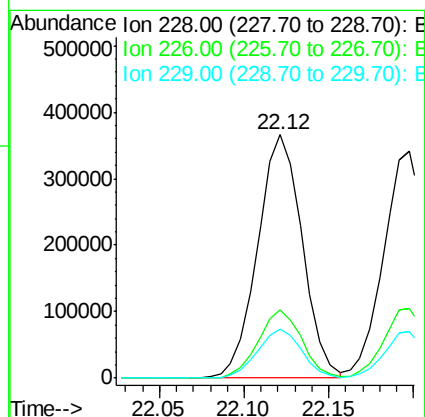
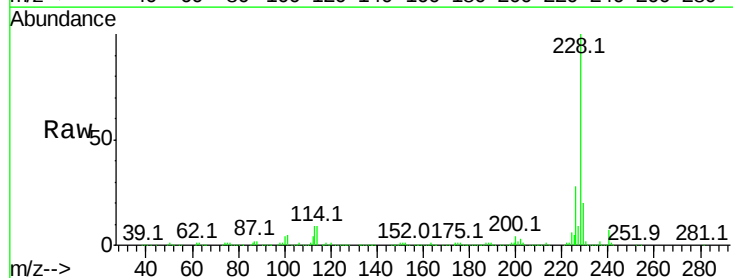
Instrument :
BNA_G
ClientSampleId :

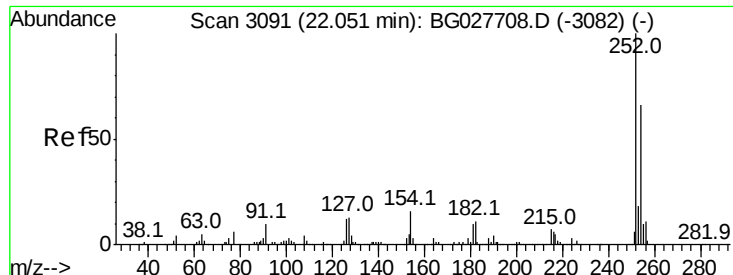
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.0	63.5	95.3
206	21.7	21.0	31.6



#80
Benzo(a)anthracene
Concen: 39.53 ng
RT: 22.12 min Scan# 3154
Delta R.T. -0.04 min
Lab File: BG027850.D
Acq: 5 Jul 2017 16:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.9	37.3
229	20.3	18.2	27.2





#81

3,3'-Dichlorobenzidine

Concen: 26.39 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.03 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

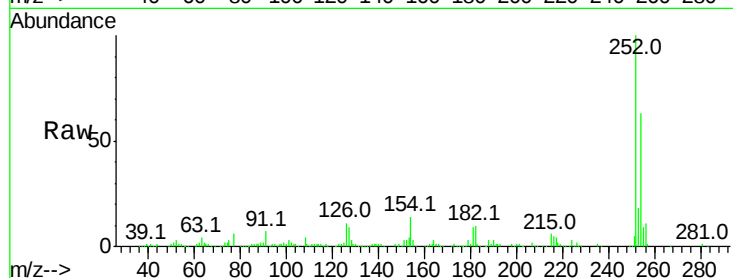
Tot Ion:252 Resp: 162331

Ion Ratio Lower Upper

252 100

254 62.8 53.1 79.7

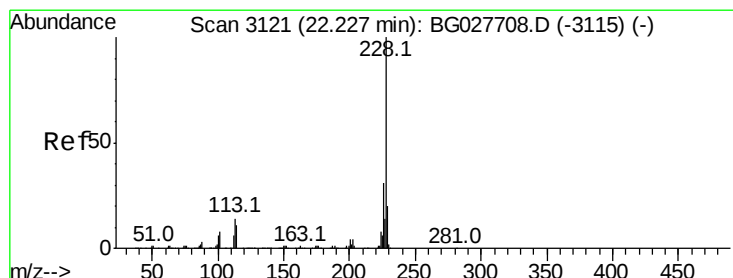
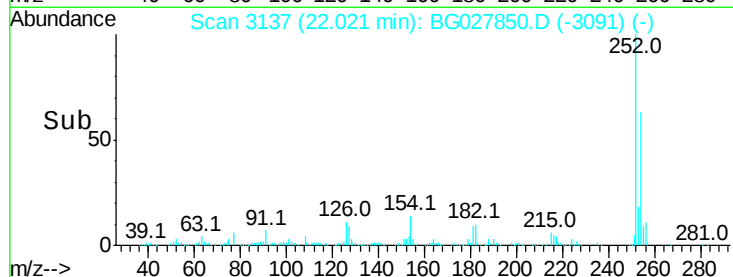
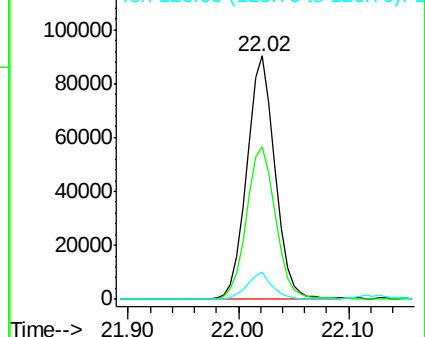
126 11.0 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.36 ng

RT: 22.20 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

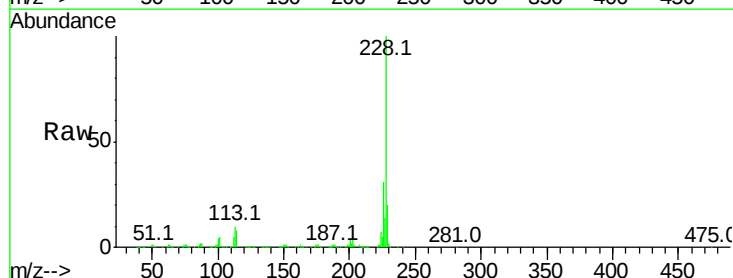
Tgt Ion:228 Resp: 625251

Ion Ratio Lower Upper

228 100

226 30.7 27.0 40.4

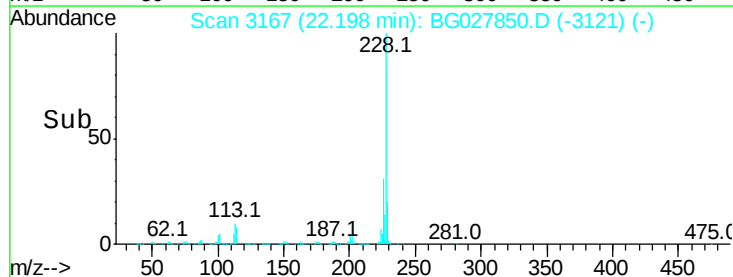
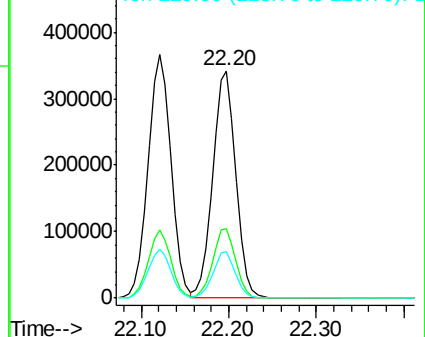
229 20.3 17.8 26.6

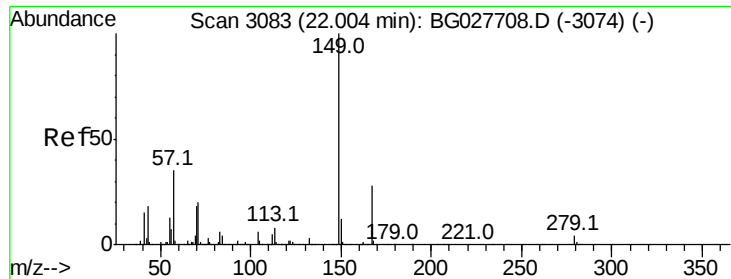


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

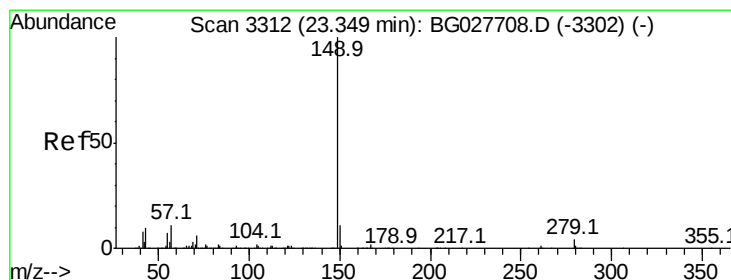
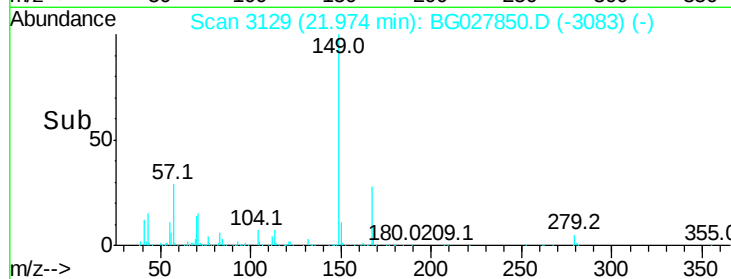
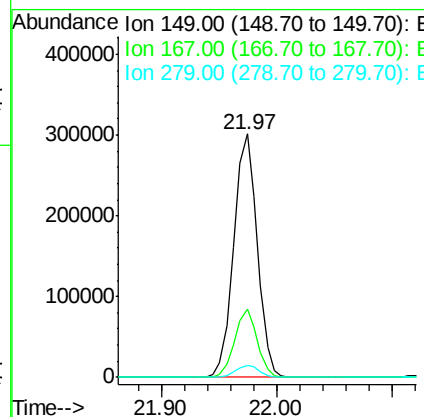
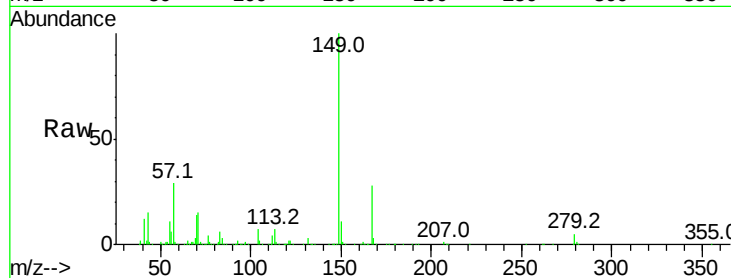




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.64 ng
 RT: 21.97 min Scan# 3129
 Delta R.T. -0.03 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

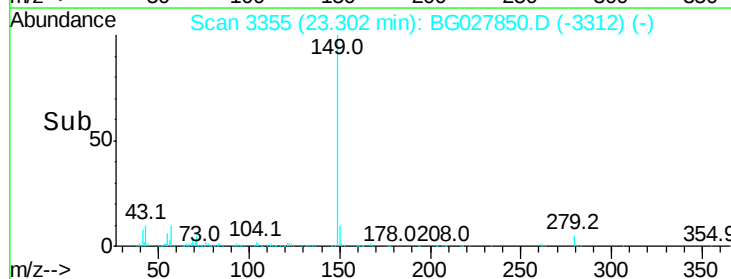
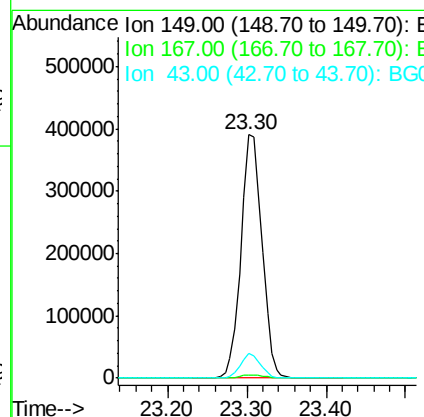
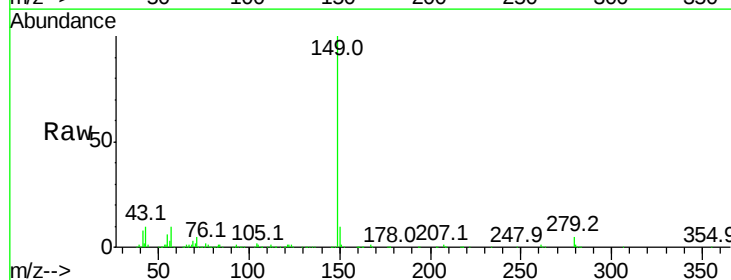
Instrument :
 BNA_G
 ClientSampleId :

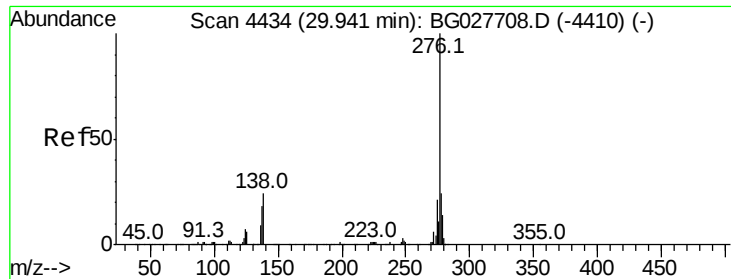
Tot Ion:149 Resp: 424261
 Ion Ratio Lower Upper
 149 100
 167 27.9 23.7 35.5
 279 4.9 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 37.49 ng
 RT: 23.30 min Scan# 3355
 Delta R.T. -0.05 min
 Lab File: BG027850.D
 Acq: 5 Jul 2017 16:33

Tgt Ion:149 Resp: 717253
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.2
 43 9.8 11.8 17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.77 ng

RT: 29.86 min Scan# 4471

Delta R.T. -0.08 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

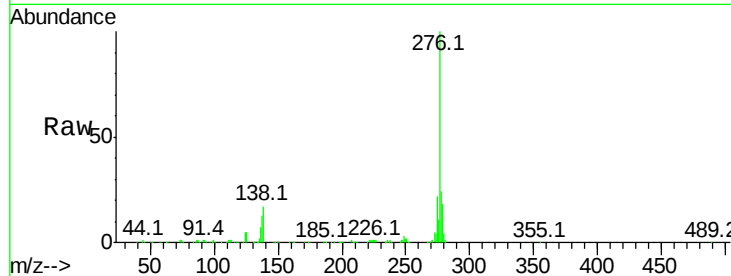
Tot Ion:276 Resp: 794785

Ion Ratio Lower Upper

276 100

138 21.8 4.7 7.1#

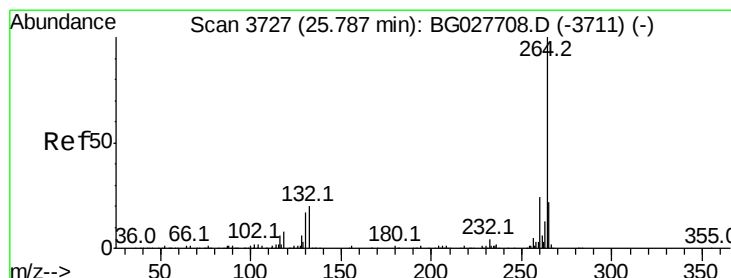
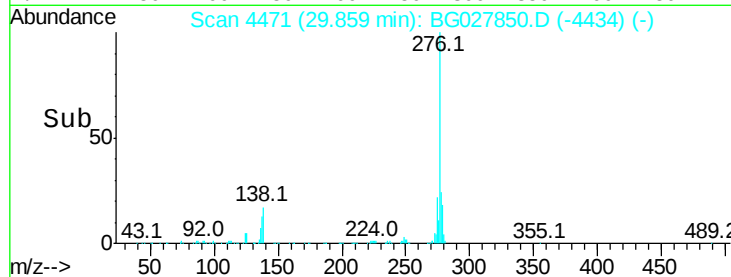
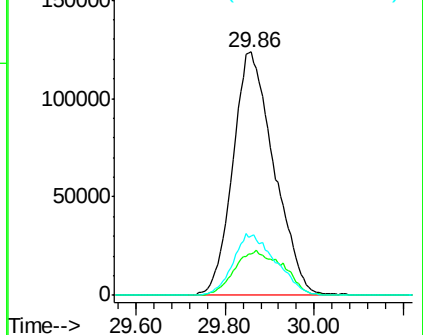
277 0.0 20.6 31.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.73 min Scan# 3768

Delta R.T. -0.06 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

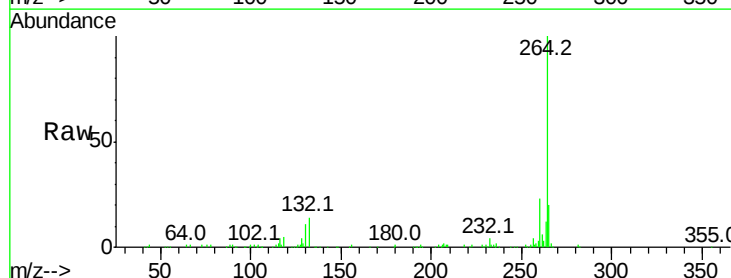
Tgt Ion:264 Resp: 275858

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

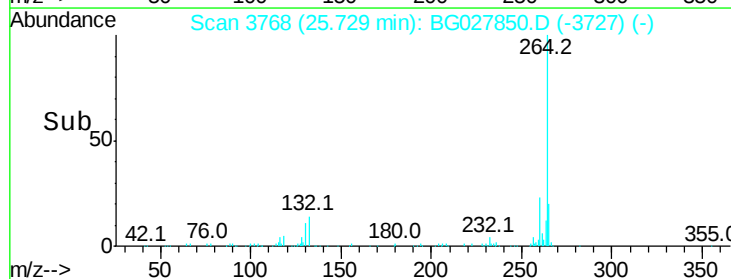
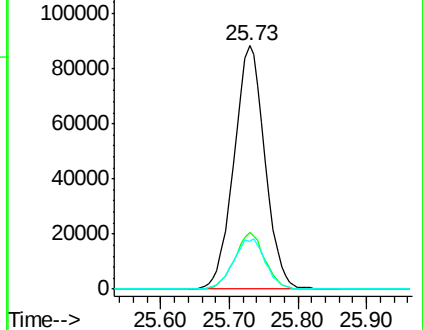
265 19.9 18.2 27.4

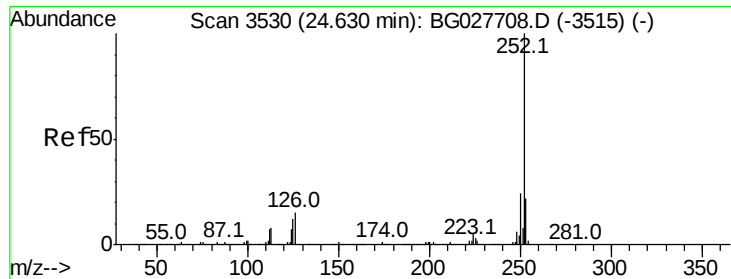


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.52 ng

RT: 24.58 min Scan# 3573

Delta R.T. -0.05 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

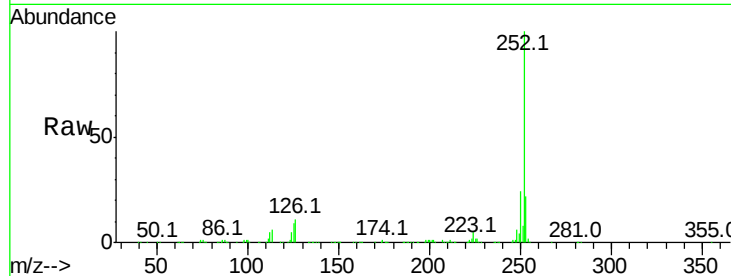
Tot Ion:252 Resp: 684545

Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

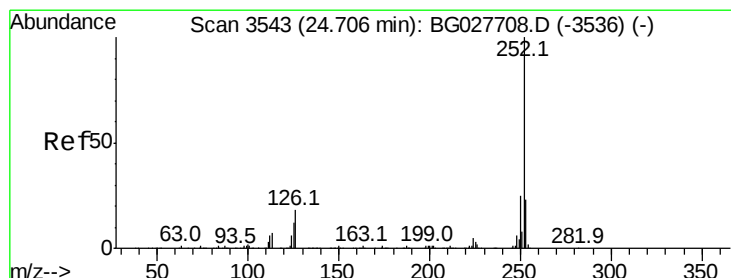
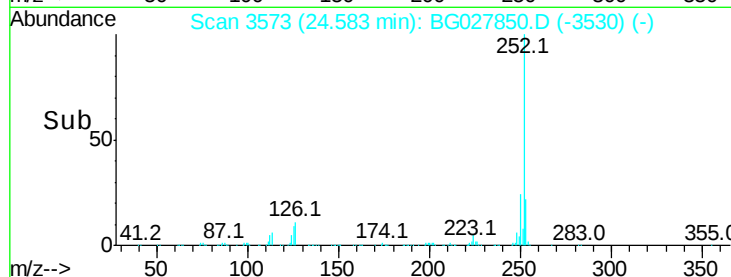
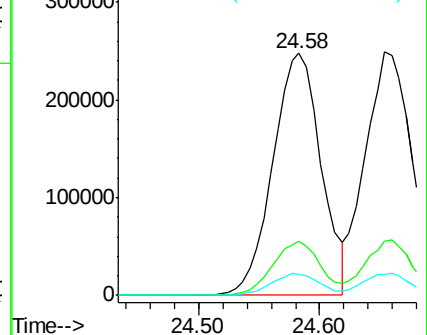
125 8.8 5.3 7.9#



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



#88

Benzo(k)fluoranthene

Concen: 37.91 ng

RT: 24.65 min Scan# 3585

Delta R.T. -0.05 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

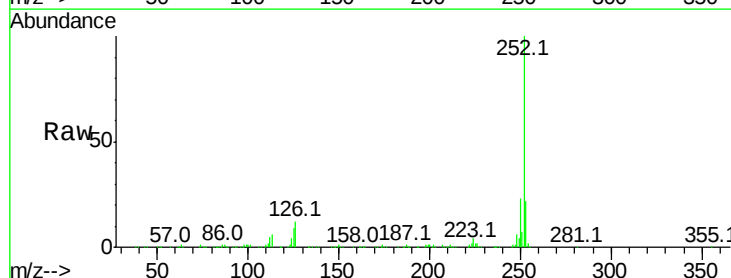
Tgt Ion:252 Resp: 666053

Ion Ratio Lower Upper

252 100

253 22.2 20.2 30.2

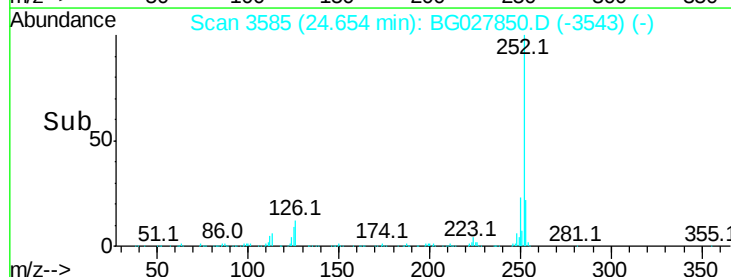
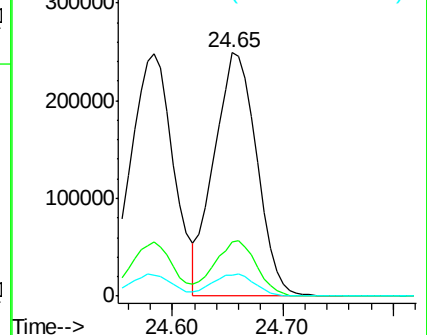
125 8.7 5.1 7.7#

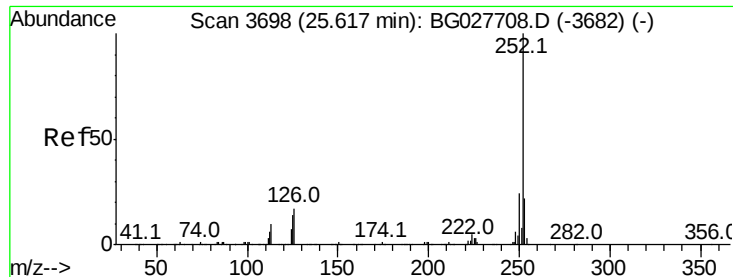


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.10 ng

RT: 25.56 min Scan# 3740

Delta R.T. -0.05 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampled :

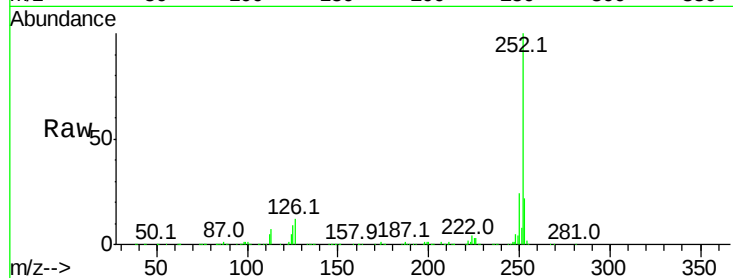
Tot Ion:252 Resp: 652002

Ion Ratio Lower Upper

252 100

253 21.9 19.2 28.8

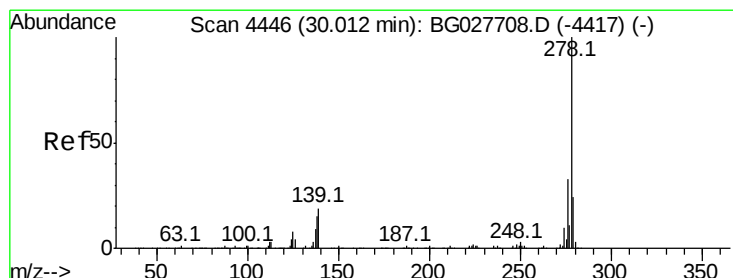
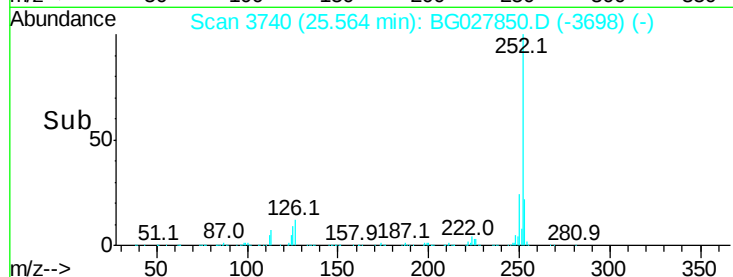
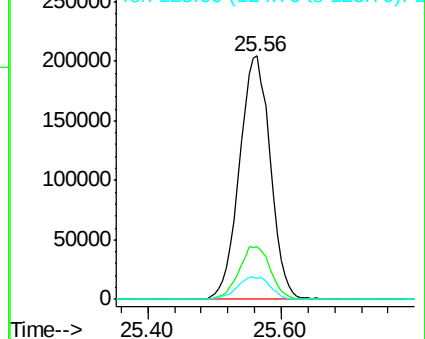
125 8.8 5.4 8.0#



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: 40.20 ng

RT: 29.92 min Scan# 4482

Delta R.T. -0.09 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

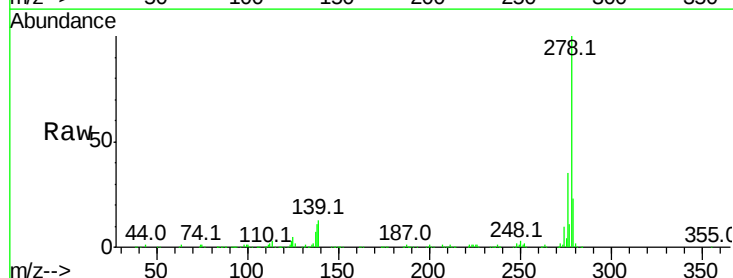
Tgt Ion:278 Resp: 679220

Ion Ratio Lower Upper

278 100

139 13.2 7.7 11.5#

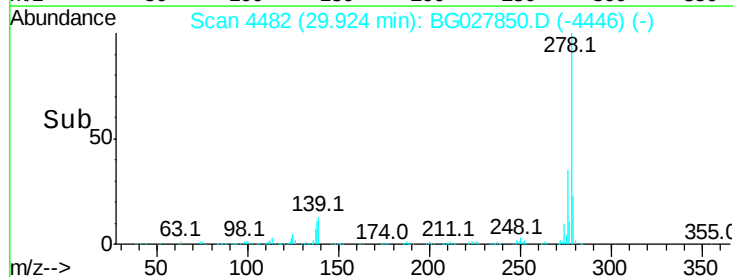
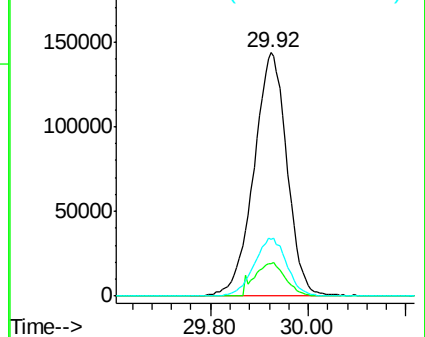
279 23.4 19.1 28.7

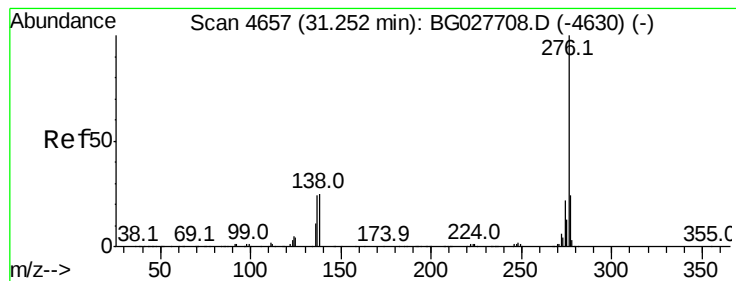


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.86 ng

RT: 31.16 min Scan# 4692

Delta R.T. -0.09 min

Lab File: BG027850.D

Acq: 5 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

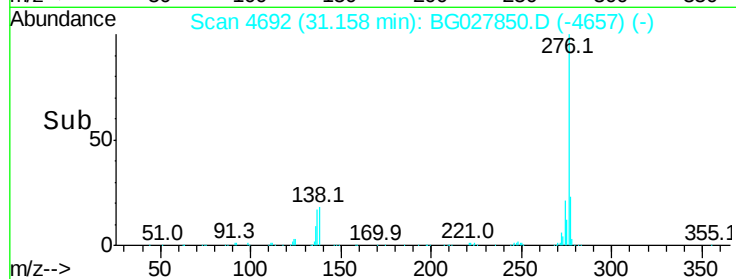
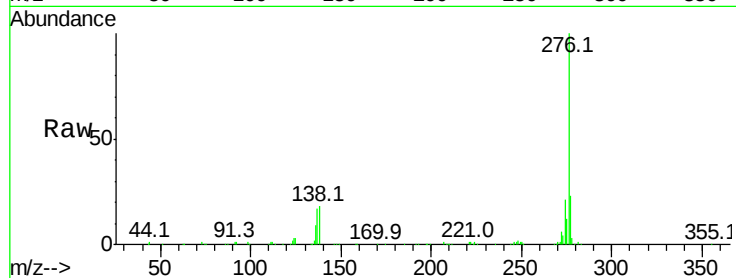
Tot Ion:276 Resp: 647179

Ion Ratio Lower Upper

276 100

277 23.2 18.6 27.8

138 18.0 8.1 12.1#



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

