

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062717\
 Data File : BG027694.D
 Acq On : 27 Jun 2017 9:17
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 28 01:08:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	14594	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	74968	20.00	ng	-0.02
38) Acenaphthene-d10	15.08	164	49406	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	128186	20.00	ng	-0.02
75) Chrysene-d12	22.19	240	156934	20.00	ng	-0.02
86) Perylene-d12	25.81	264	141145	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.07	112	82235	80.20	ng	-0.02
7) Phenol-d6	7.63	99	120770	79.56	ng	-0.02
23) Nitrobenzene-d5	9.65	82	130879	82.61	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	67704	91.92	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	323172	89.35	ng	-0.02
78) Terphenyl-d14	20.40	244	581147	87.25	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	4.07	88	13660	34.31	ng	85
3) Pyridine	4.45	79	43038	33.39	ng	85
4) n-Nitrosodimethylamine	4.37	42	24670	41.94	ng	94
6) Aniline	7.81	93	72184	38.96	ng	93
8) 2-Chlorophenol	8.06	128	45426	41.87	ng	94
9) Benzaldehyde	7.63	77	40505	39.27	ng	89
10) Phenol	7.66	94	59935	38.76	ng	96
11) bis(2-Chloroethyl)ether	7.90	93	45139	37.29	ng	89
12) 1,3-Dichlorobenzene	8.38	146	47225	41.23	ng	95
13) 1,4-Dichlorobenzene	8.53	146	50120	43.34	ng	97
14) 1,2-Dichlorobenzene	8.85	146	47644	41.93	ng	98
15) Benzyl Alcohol	8.71	79	52245	43.11	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.00	45	59031	29.39	ng	83
17) 2-Methylphenol	8.91	107	44132	40.56	ng	97
18) Hexachloroethane	9.58	117	18754	41.36	ng	88
19) n-Nitroso-di-n-propylamine	9.28	70	48405	40.14	ng	88
20) 3+4-Methylphenols	9.23	107	63009	42.29	ng	93
22) Acetophenone	9.31	105	86770	42.21	ng	# 90
24) Nitrobenzene	9.69	77	69064	39.77	ng	# 90
25) Isophorone	10.21	82	130327	40.04	ng	99
26) 2-Nitrophenol	10.41	139	27693	43.11	ng	95
27) 2,4-Dimethylphenol	10.44	122	50226	41.40	ng	90
28) bis(2-Chloroethoxy)methane	10.68	93	69562	37.92	ng	98
29) 2,4-Dichlorophenol	10.94	162	47592	45.42	ng	98
30) 1,2,4-Trichlorobenzene	11.16	180	54089	45.15	ng	92
31) Naphthalene	11.36	128	167734	41.40	ng	99
32) Benzoic acid	10.54	122	9408	16.97	ng	89
33) 4-Chloroaniline	11.46	127	72944	42.45	ng	92
34) Hexachlorobutadiene	11.63	225	35630	49.22	ng	97
35) Caprolactam	12.23	113	19404	39.73	ng	# 77
36) 4-Chloro-3-methylphenol	12.54	107	70050	43.59	ng	96
37) 2-Methylnaphthalene	12.93	142	130434	44.29	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	73664	47.55	ng	99
40) Hexachlorocyclopentadiene	13.26	237	36194	43.58	ng	97

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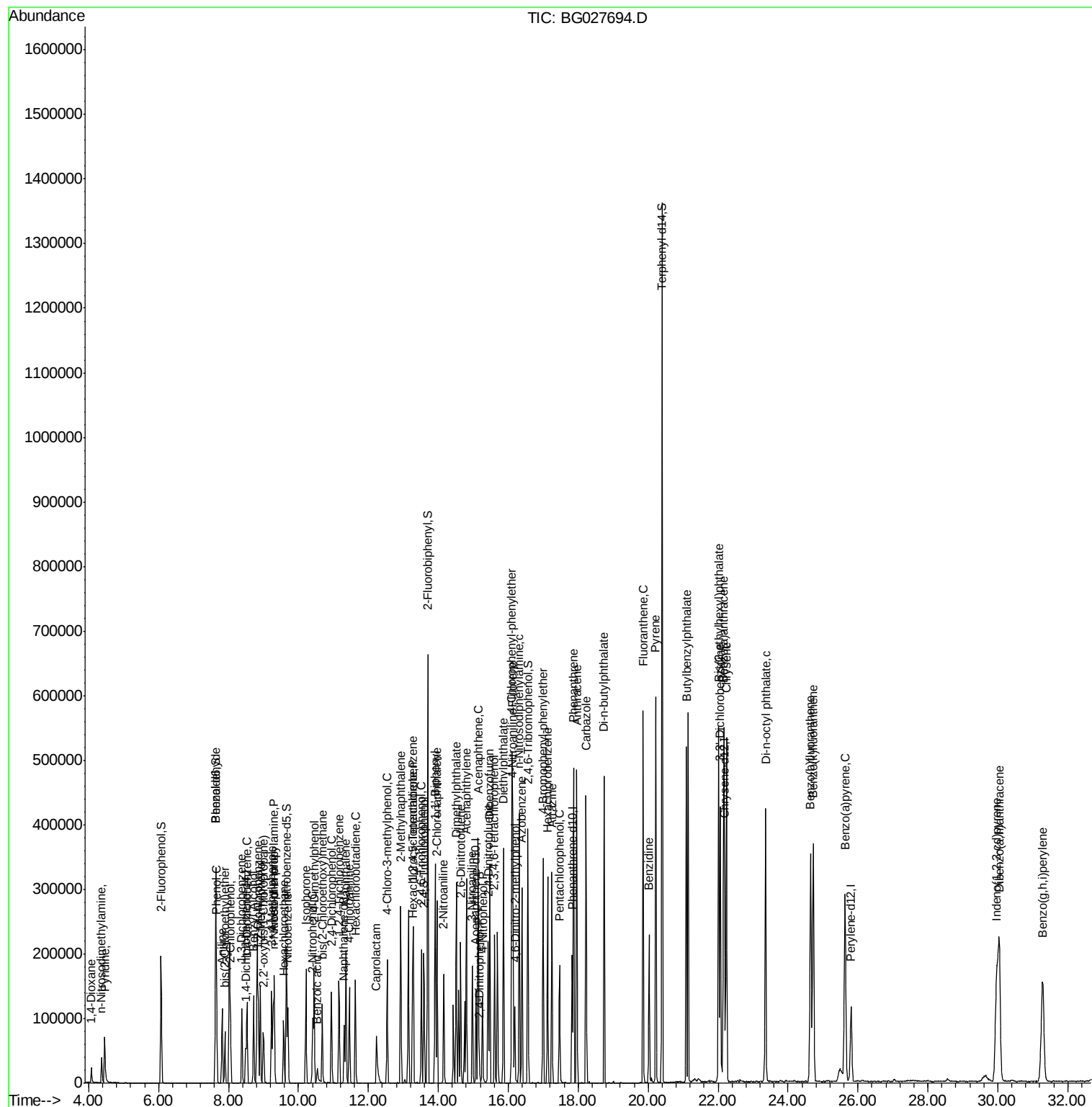
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	45360	45.31	nq	99
43) 2,4,5-Trichlorophenol	13.58	196	51178	43.50	nq	95
45) 1,1'-Biphenyl	13.91	154	174521	42.36	nq	97
46) 2-Chloronaphthalene	13.96	162	130440	42.57	nq	92
47) 2-Nitroaniline	14.15	65	54133	39.36	nq	95
48) Acenaphthylene	14.80	152	225368	41.98	nq	98
49) Dimethylphthalate	14.51	163	183014	42.31	nq	98
50) 2,6-Dinitrotoluene	14.64	165	40832	43.50	nq	96
51) Acenaphthene	15.14	154	145136	38.80	nq	97
52) 3-Nitroaniline	14.98	138	40487	40.86	nq	88
53) 2,4-Dinitrophenol	15.18	184	6799	12.82	nq	# 82
54) Dibenzofuran	15.47	168	205255	42.13	nq	99
55) 4-Nitrophenol	15.26	139	28958	34.91	nq	# 88
56) 2,4-Dinitrotoluene	15.42	165	58600	44.03	nq	# 96
57) Fluorene	16.12	166	198059	42.92	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.61	232	48063	46.39	nq	96
59) Diethylphthalate	15.86	149	198263	42.00	nq	96
60) 4-Chlorophenyl-phenylether	16.10	204	100422	44.22	nq	97
61) 4-Nitroaniline	16.13	138	45117	41.50	nq	97
62) Azobenzene	16.39	77	183549	37.92	nq	97
64) 4,6-Dinitro-2-methylphenol	16.19	198	26078	32.04	nq	82
65) n-Nitrosodiphenylamine	16.32	169	165448	42.10	nq	96
66) 4-Bromophenyl-phenylether	17.00	248	64815	45.97	nq	89
67) Hexachlorobenzene	17.13	284	67108	44.54	nq	98
68) Atrazine	17.25	200	62179	43.19	nq	97
69) Pentachlorophenol	17.47	266	34222	36.57	nq	95
70) Phenanthrene	17.87	178	306808	42.07	nq	94
71) Anthracene	17.96	178	313970	42.76	nq	94
72) Carbazole	18.23	167	294617	41.19	nq	96
73) Di-n-butylphthalate	18.74	149	324179	40.45	nq	# 94
74) Fluoranthene	19.86	202	376174	44.28	nq	93
76) Benzidine	20.02	184	135701	35.23	nq	95
77) Pyrene	20.22	202	386596	40.52	nq	94
79) Butylbenzylphthalate	21.09	149	153566	38.57	nq	94
80) Benzo(a)anthracene	22.16	228	392023	41.63	nq	93
81) 3,3'-Dichlorobenzidine	22.06	252	148797	43.71	nq	97
82) Chrysene	22.24	228	372632	41.77	nq	93
83) Bis(2-ethylhexyl)phthalate	22.02	149	224588	38.48	nq	99
84) Di-n-octyl phthalate	23.36	149	379706	39.11	nq	# 90
85) Indeno(1,2,3-cd)pyrene	29.97	276	435852	42.87	nq	# 97
87) Benzo(b)fluoranthene	24.65	252	399613	44.28	nq	98
88) Benzo(k)fluoranthene	24.72	252	400752	45.39	nq	95
89) Benzo(a)pyrene	25.63	252	377922	44.37	nq	95
90) Dibenzo(a,h)anthracene	30.04	278	378622	43.65	nq	97
91) Benzo(g,h,i)perylene	31.29	276	365089	43.33	nq	# 95

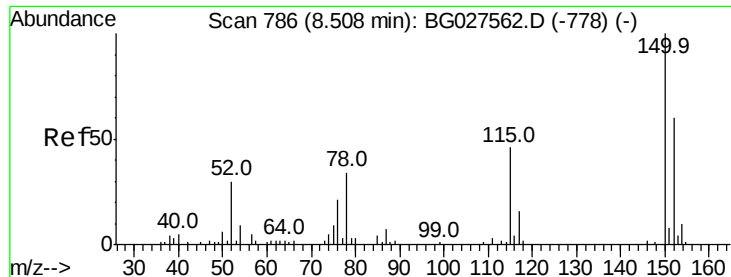
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.49 min Scan# 783

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampled :

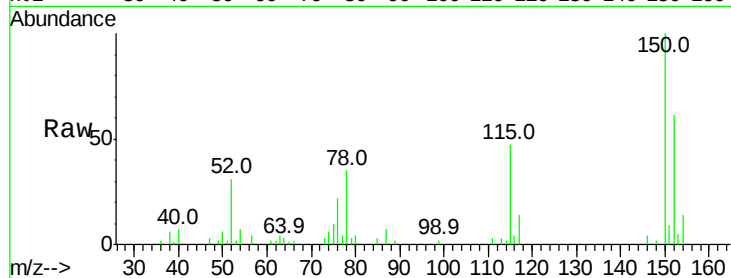
Tot Ion:152 Resp: 14594

Ion Ratio Lower Upper

152 100

150 164.5 114.0 171.0

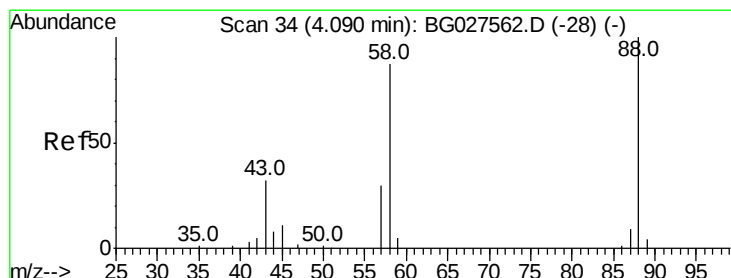
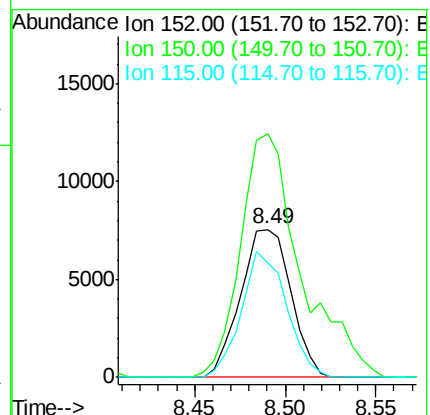
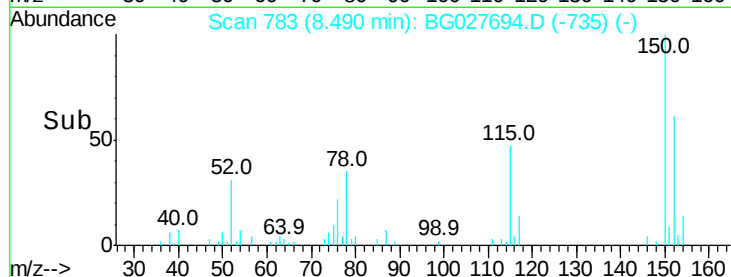
115 77.0 48.1 72.1#



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: 34.31 ng

RT: 4.07 min Scan# 31

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

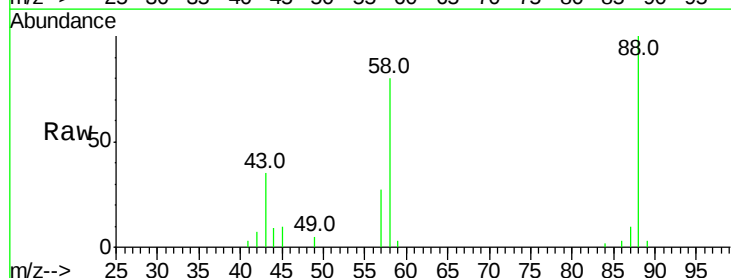
Tgt Ion: 88 Resp: 13660

Ion Ratio Lower Upper

88 100

58 81.8 79.4 119.2

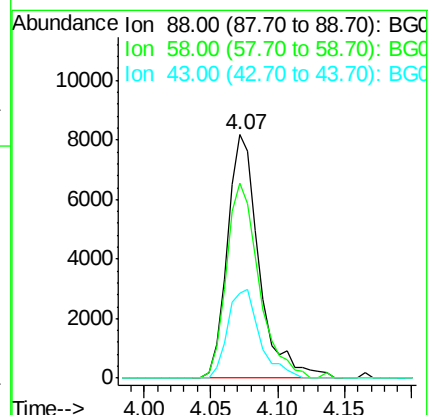
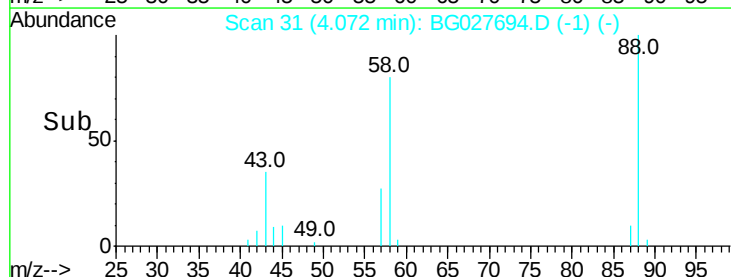
43 36.6 33.8 50.6

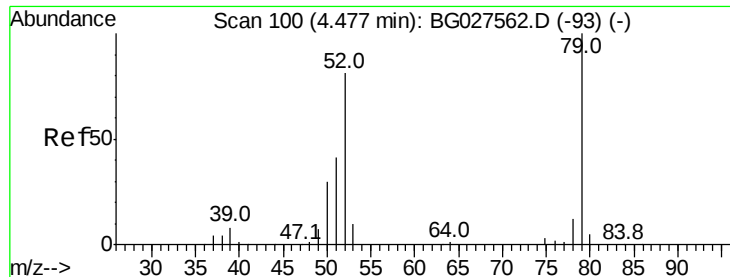


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.39 ng

RT: 4.45 min Scan# 96

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampled :

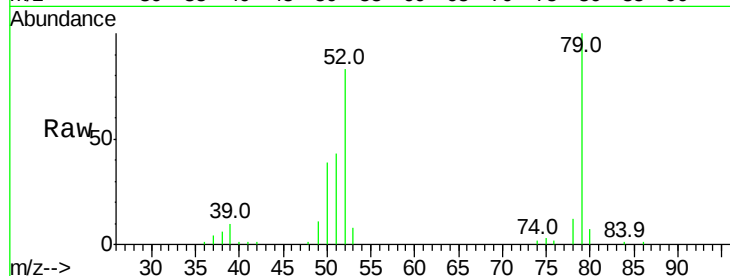
Tot Ion: 79 Resp: 43038

Ion Ratio Lower Upper

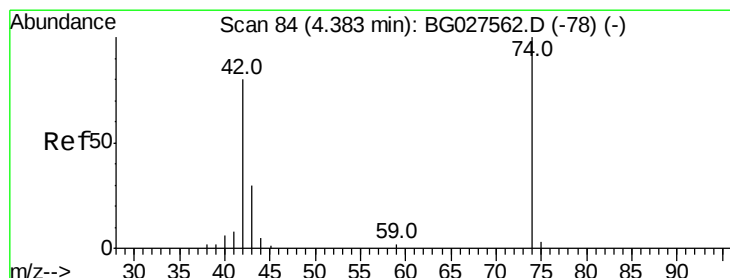
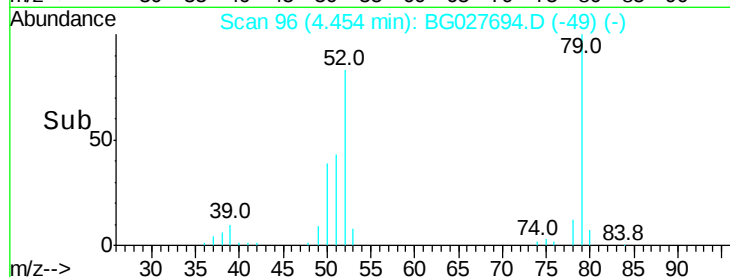
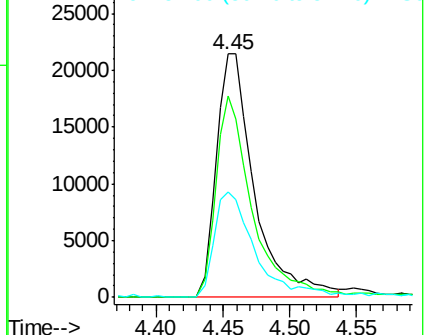
79 100

52 82.7 77.8 116.6

51 43.5 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: 41.94 ng

RT: 4.37 min Scan# 81

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

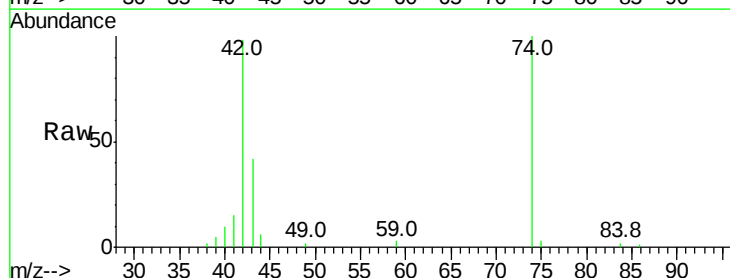
Tgt Ion: 42 Resp: 24670

Ion Ratio Lower Upper

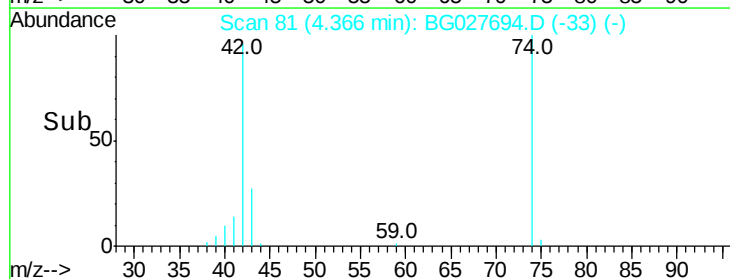
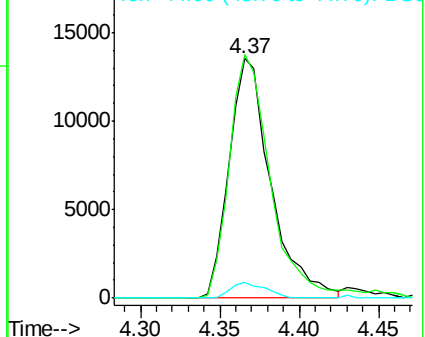
42 100

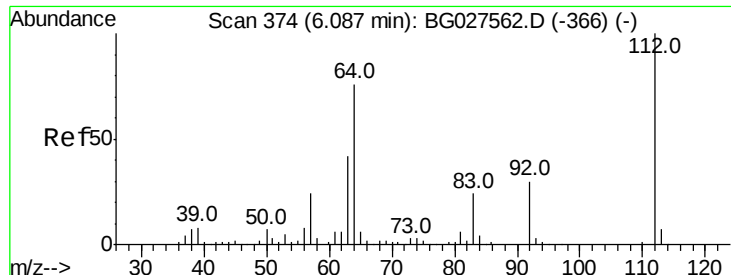
74 101.6 76.7 115.1

44 6.4 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: 80.20 ng

RT: 6.07 min Scan# 371

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampleId :

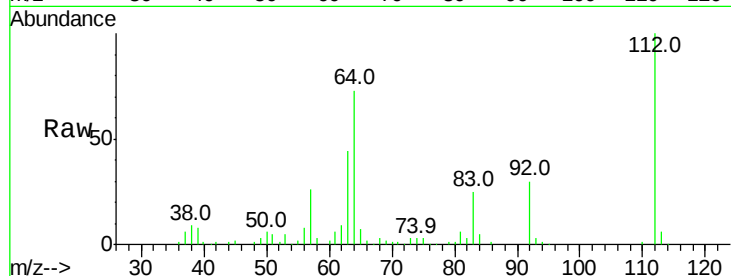
Tot Ion:112 Resp: 82235

Ion Ratio Lower Upper

112 100

64 73.2 61.8 92.6

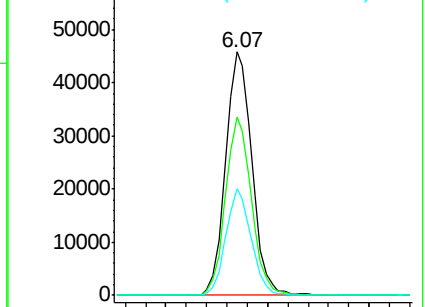
63 43.8 37.2 55.8



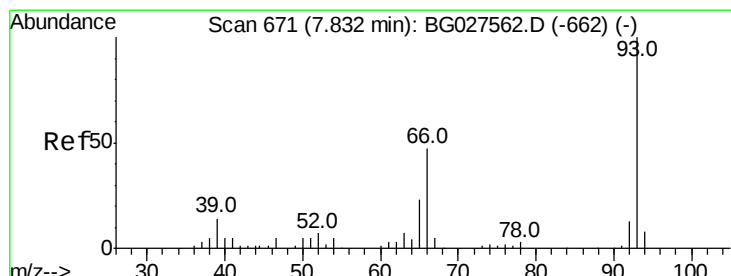
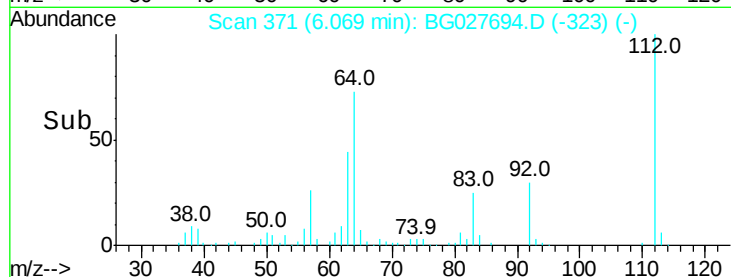
Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->



#6

Aniline

Concen: 38.96 ng

RT: 7.81 min Scan# 668

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

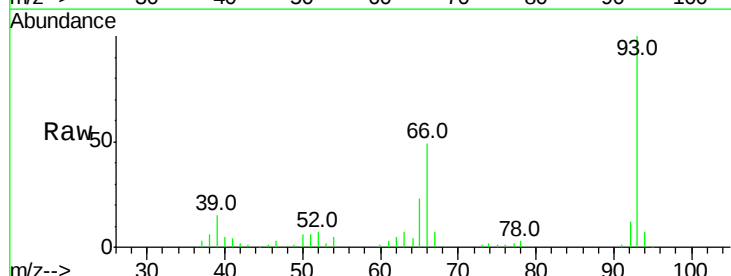
Tgt Ion: 93 Resp: 72184

Ion Ratio Lower Upper

93 100

66 49.2 35.4 53.2

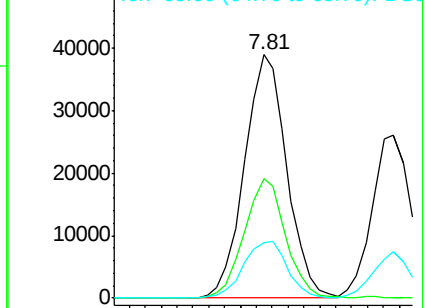
65 22.9 21.2 31.8



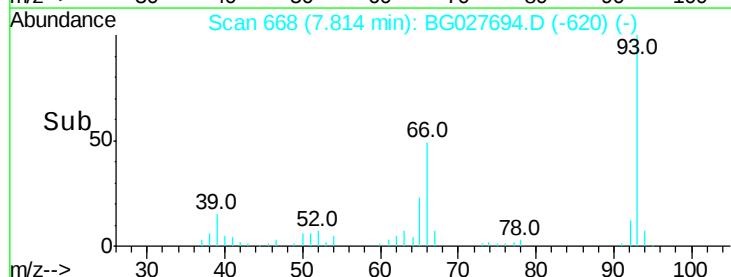
Abundance Ion 93.00 (92.70 to 93.70): BGC

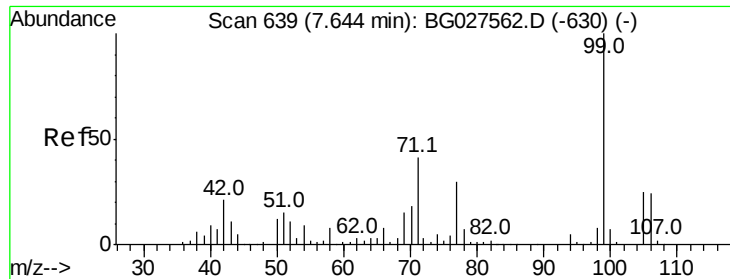
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



Time-->





#7

Phenol-d6

Concen: 79.56 ng

RT: 7.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampled :

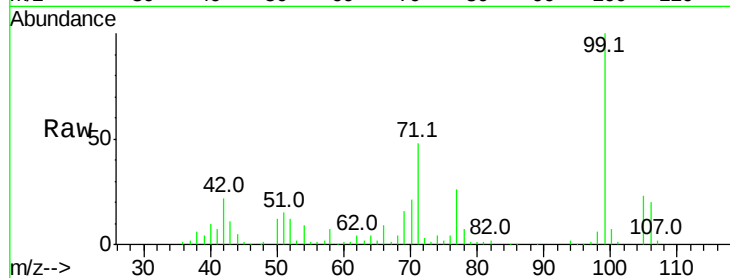
Tot Ion: 99 Resp: 120770

Ion Ratio Lower Upper

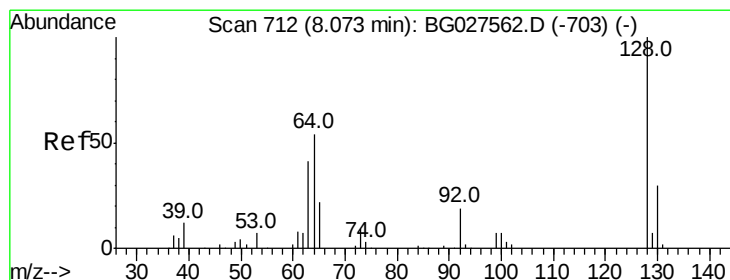
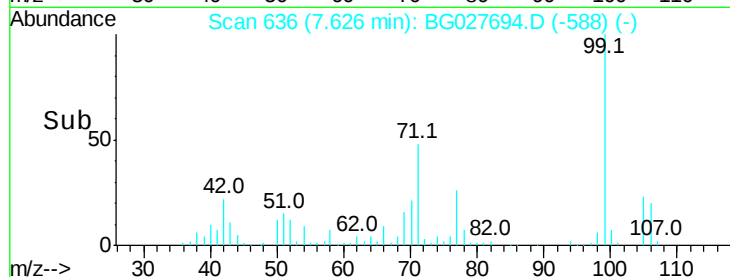
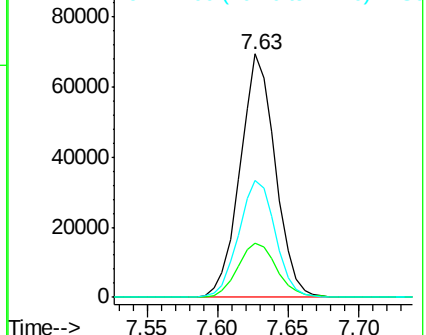
99 100

42 22.4 20.5 30.7

71 47.8 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: 41.87 ng

RT: 8.06 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

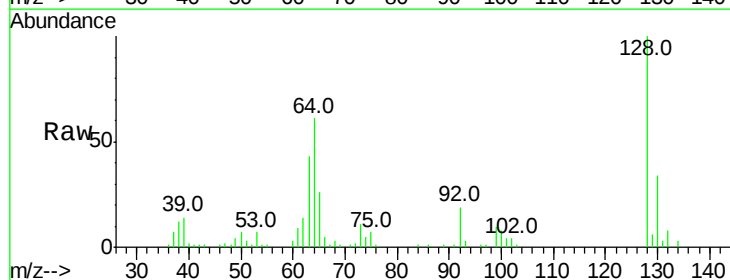
Tgt Ion: 128 Resp: 45426

Ion Ratio Lower Upper

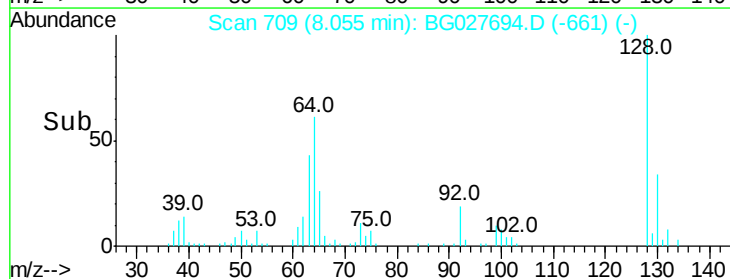
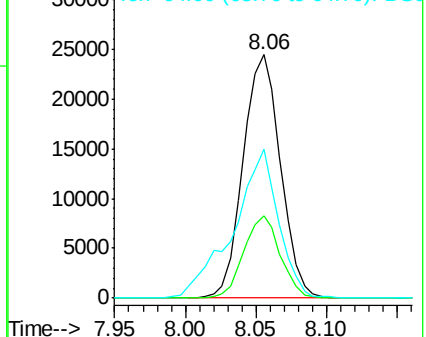
128 100

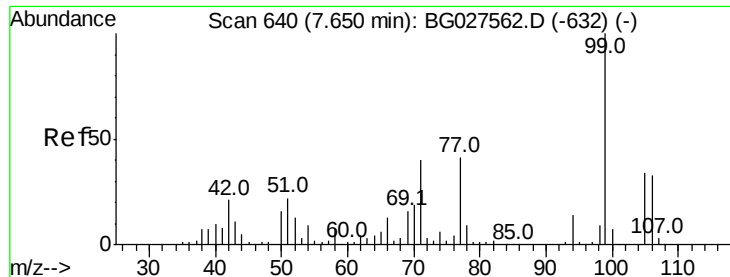
130 33.6 11.4 51.4

64 61.1 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: 39.27 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

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ClientSampleId :

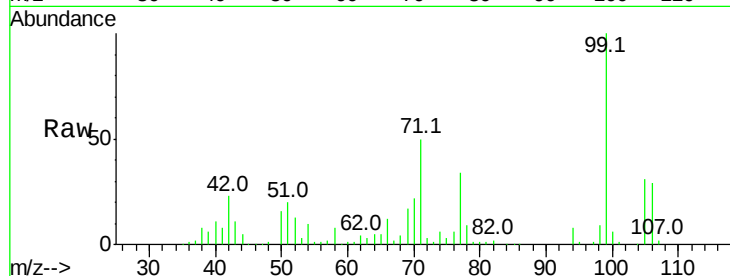
Tot Ion: 77 Resp: 40505

Ion Ratio Lower Upper

77 100

105 90.9 60.9 100.9

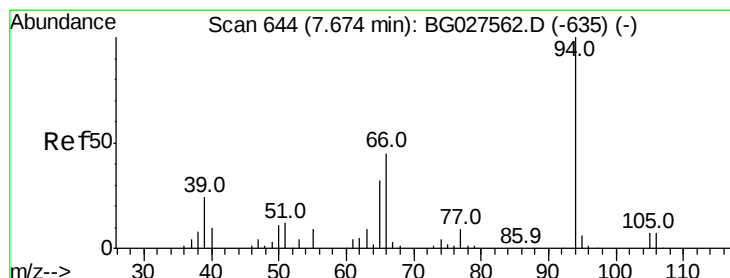
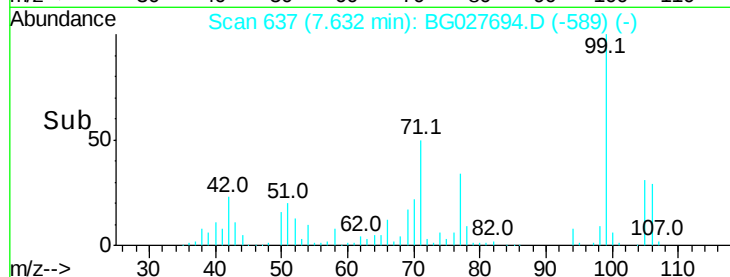
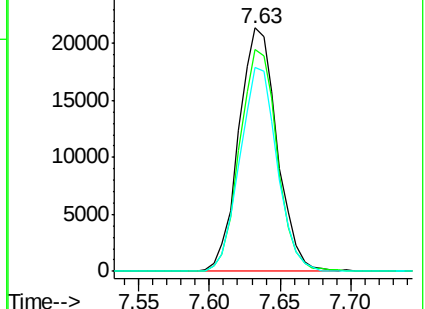
106 83.7 55.1 95.1



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: 38.76 ng

RT: 7.66 min Scan# 641

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

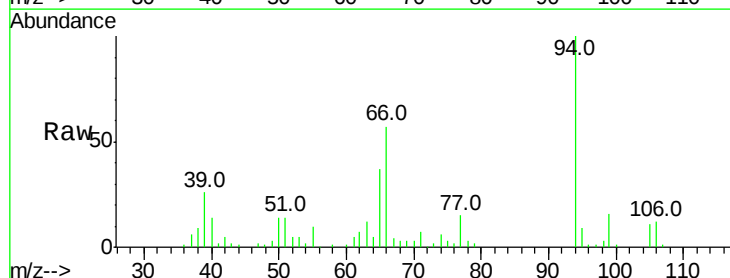
Tgt Ion: 94 Resp: 59935

Ion Ratio Lower Upper

94 100

65 37.2 20.6 60.6

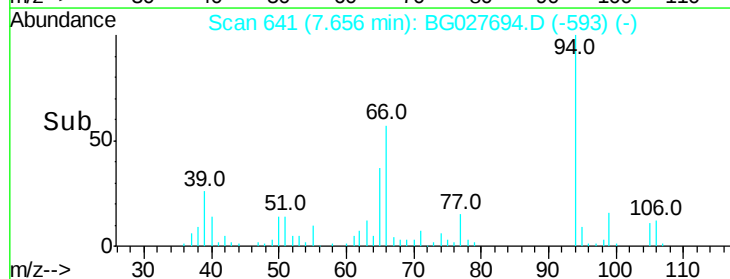
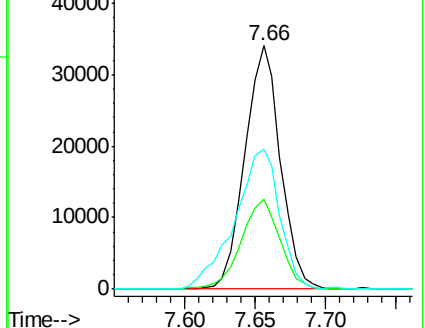
66 57.3 35.5 75.5

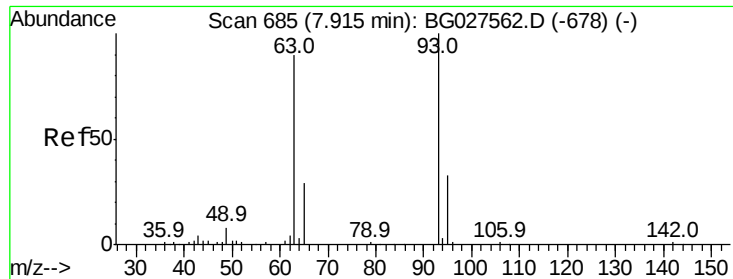


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

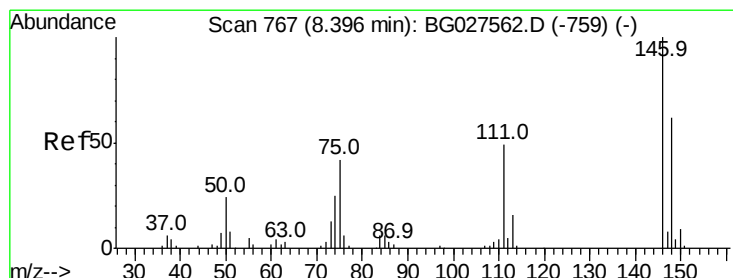
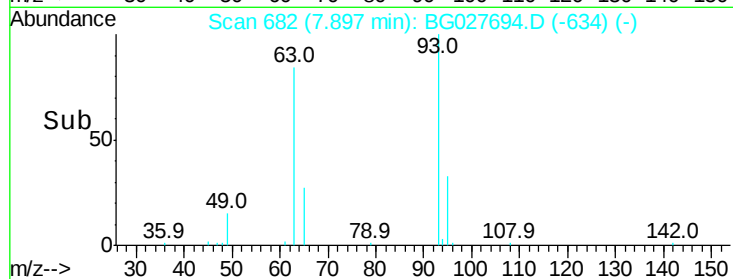
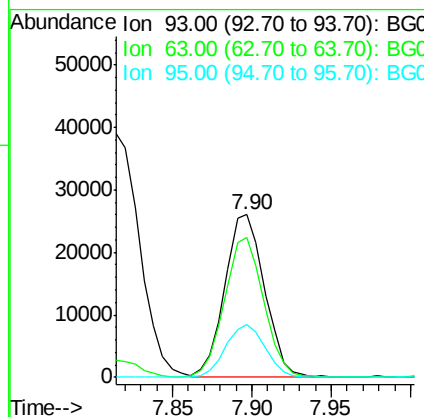
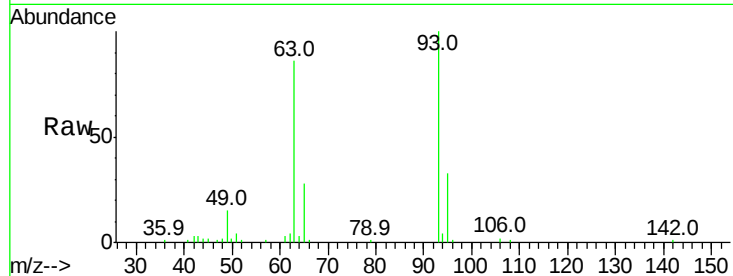




#11
 bis(2-Chloroethyl)ether
 Concen: 37.29 ng
 RT: 7.90 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

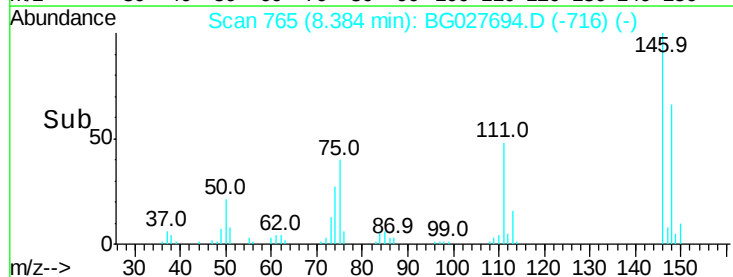
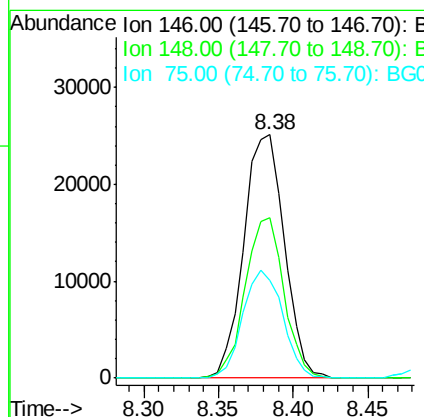
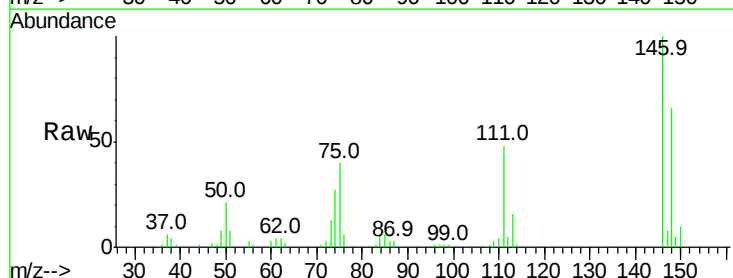
Instrument :
 BNA_G
 ClientSampleId :

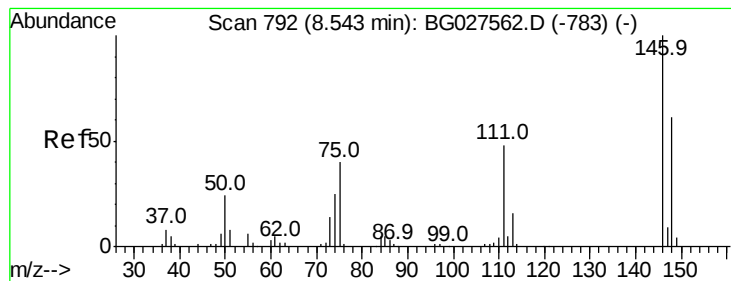
Tot Ion: 93 Resp: 45139
 Ion Ratio Lower Upper
 93 100
 63 85.8 78.5 118.5
 95 32.7 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 41.23 ng
 RT: 8.38 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

Tgt Ion: 146 Resp: 47225
 Ion Ratio Lower Upper
 146 100
 148 66.1 49.2 73.8
 75 40.0 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 43.34 ng

RT: 8.53 min Scan# 789

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampleId :

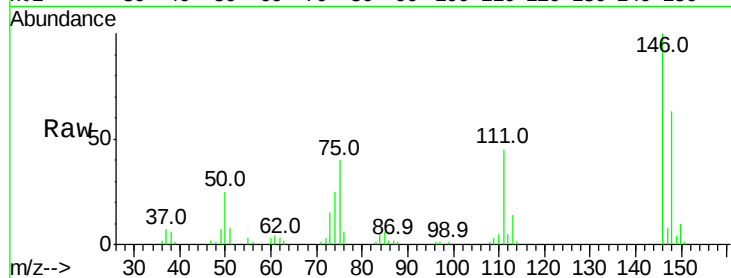
Tot Ion:146 Resp: 50120

Ion Ratio Lower Upper

146 100

148 62.8 52.2 78.2

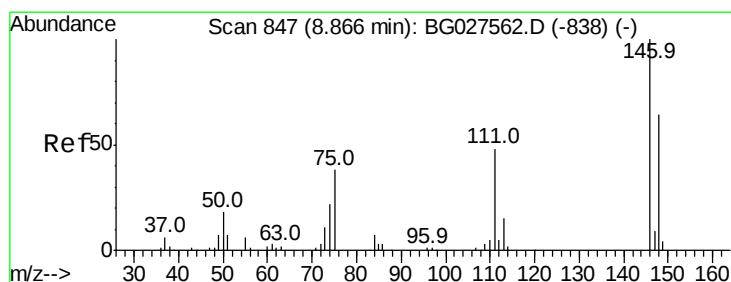
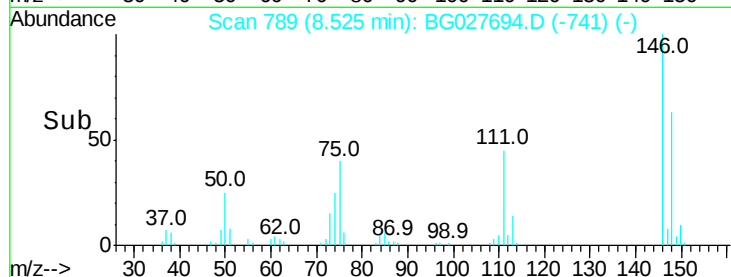
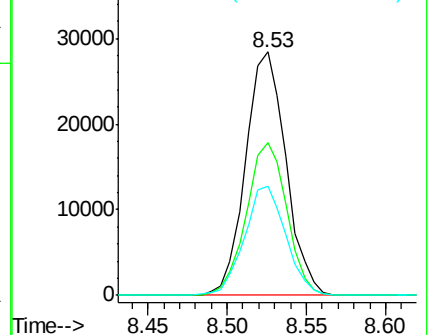
111 44.8 37.0 55.6



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: 41.93 ng

RT: 8.85 min Scan# 844

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

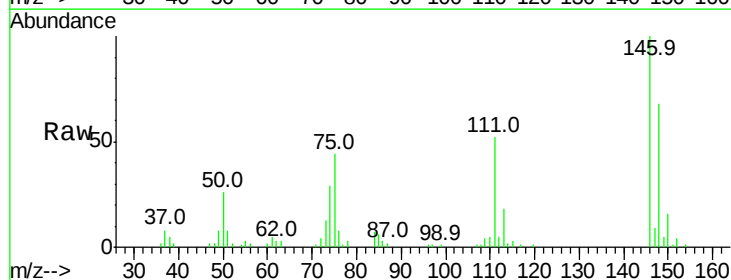
Tgt Ion:146 Resp: 47644

Ion Ratio Lower Upper

146 100

148 68.2 54.6 81.8

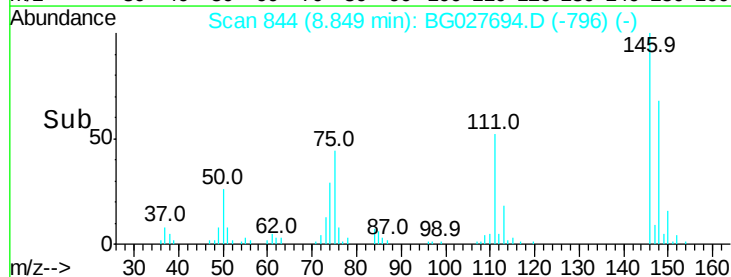
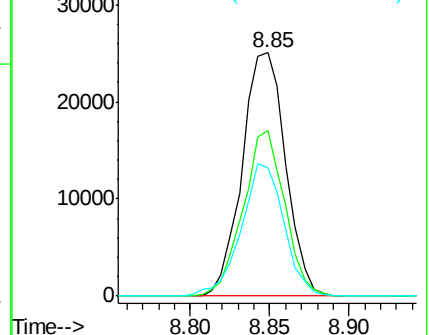
111 52.5 39.7 59.5

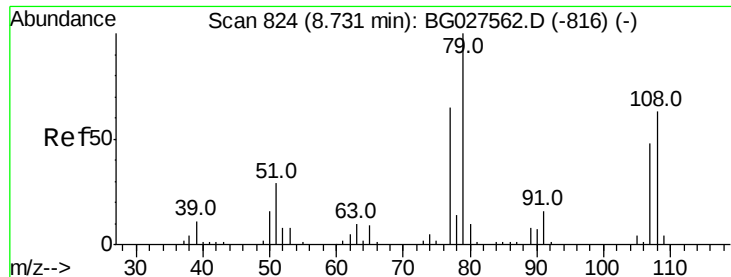


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.11 ng

RT: 8.71 min Scan# 821

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampled :

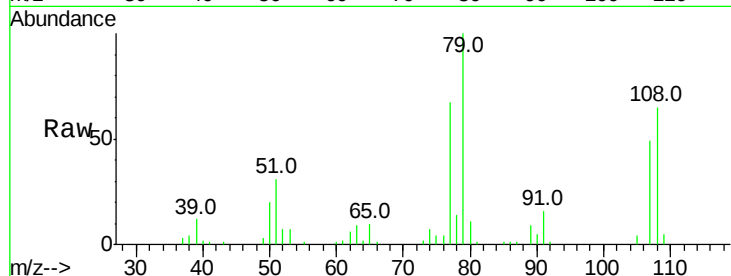
Tot Ion: 79 Resp: 52245

Ion Ratio Lower Upper

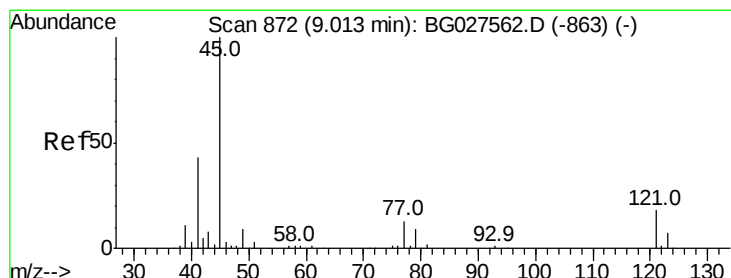
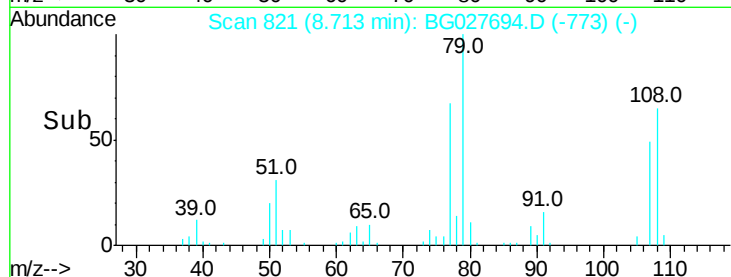
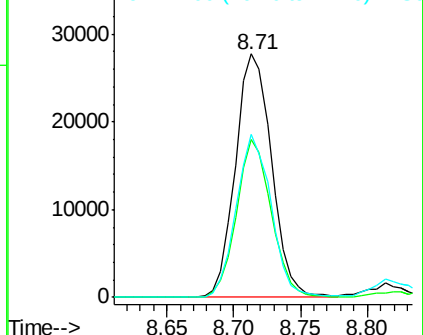
79 100

108 64.6 45.5 68.3

77 67.1 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: 29.39 ng

RT: 9.00 min Scan# 870

Delta R.T. -0.01 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

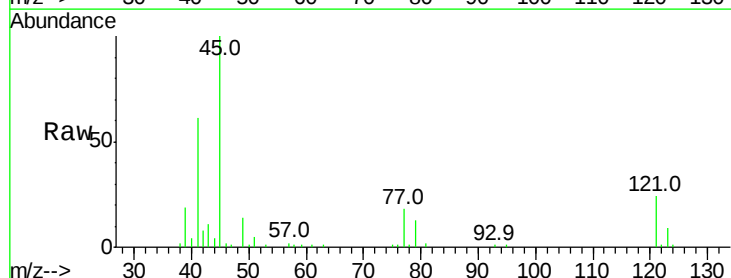
Tgt Ion: 45 Resp: 59031

Ion Ratio Lower Upper

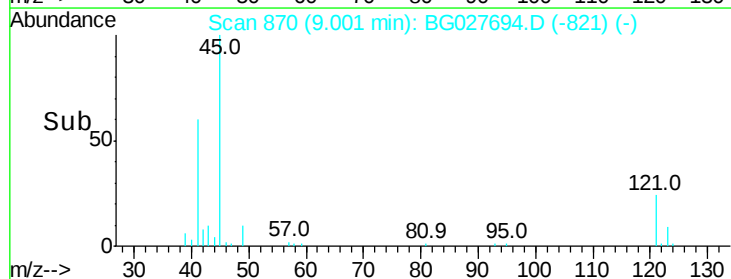
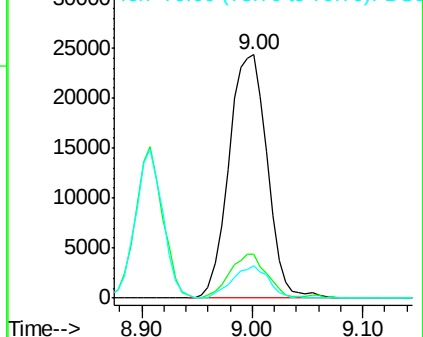
45 100

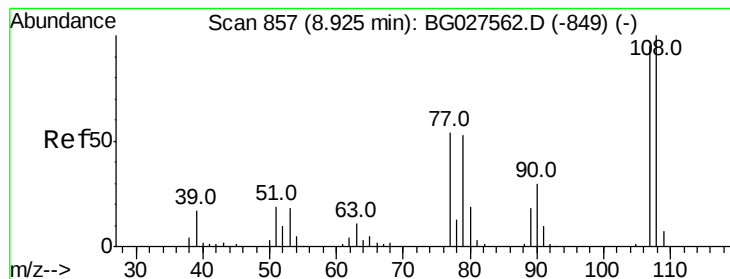
77 17.9 0.0 30.6

79 13.2 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: 40.56 ng

RT: 8.91 min Scan# 854

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 44132

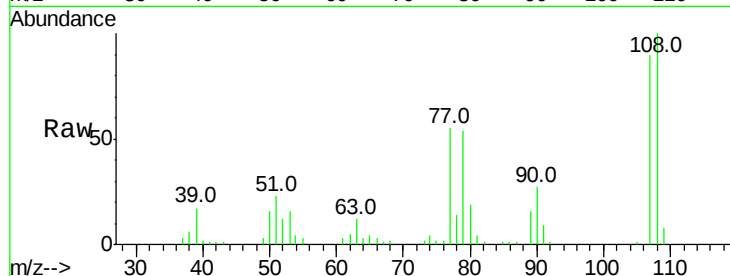
Ion Ratio Lower Upper

107 100

108 111.5 85.6 128.4

77 61.8 51.4 77.2

79 60.8 49.2 73.8

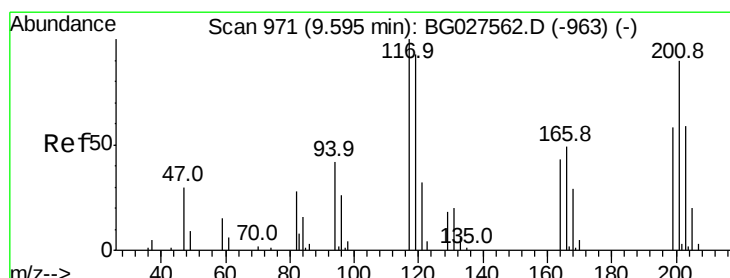
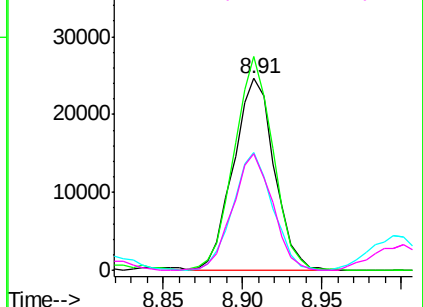
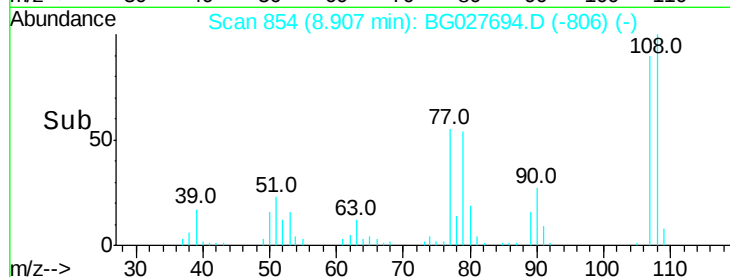


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.36 ng

RT: 9.58 min Scan# 968

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

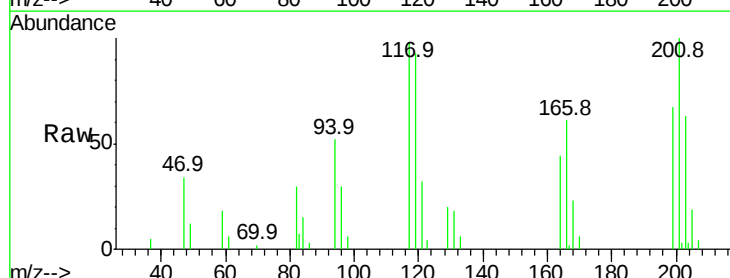
Tgt Ion:117 Resp: 18754

Ion Ratio Lower Upper

117 100

119 94.9 69.8 104.6

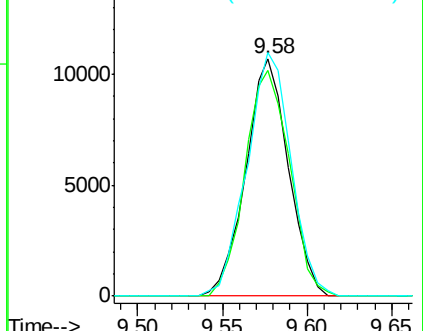
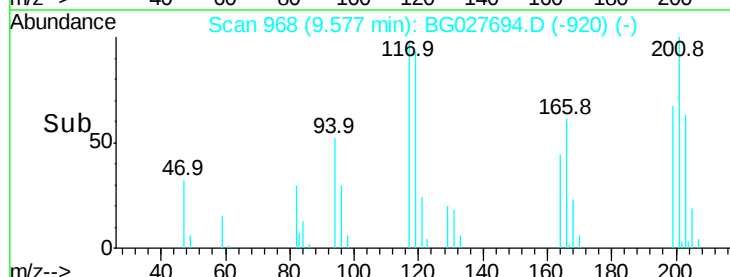
201 102.4 95.4 143.0

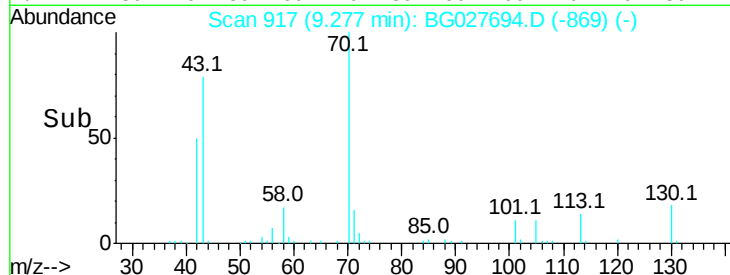
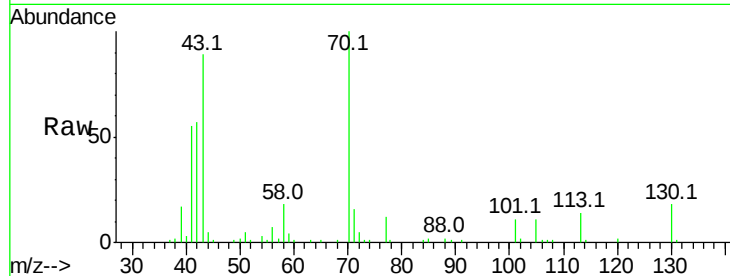
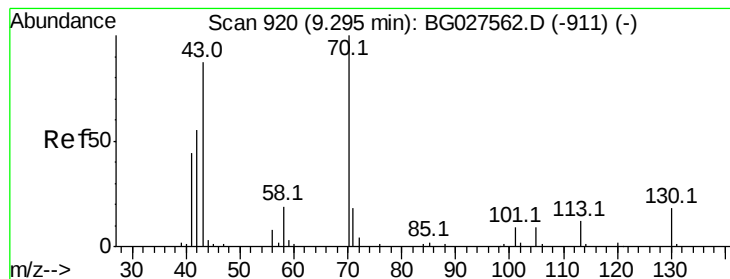


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.14 ng

RT: 9.28 min Scan# 917

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 48405

Ion Ratio Lower Upper

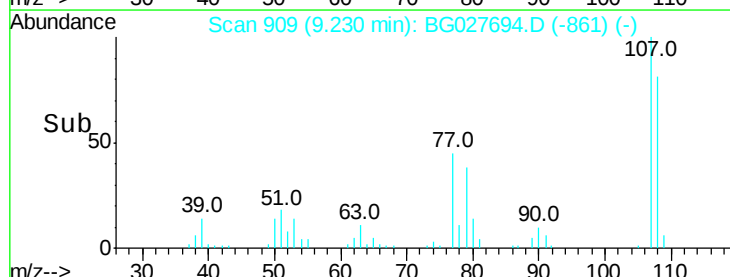
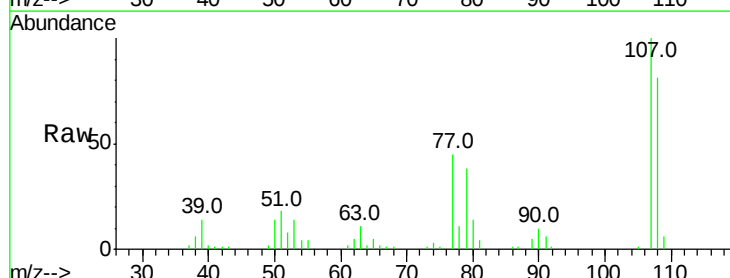
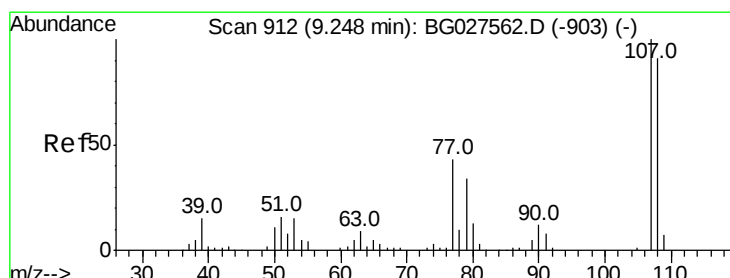
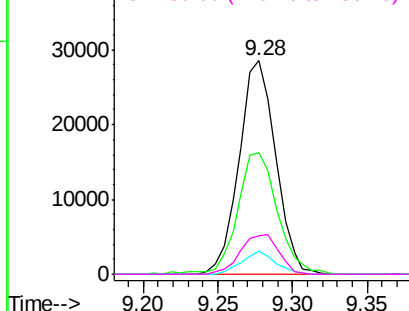
70 100

42 56.9 56.1 84.1

101 10.9 7.5 11.3

130 17.9 14.6 21.8

Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.29 ng

RT: 9.23 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Tgt Ion: 107 Resp: 63009

Ion Ratio Lower Upper

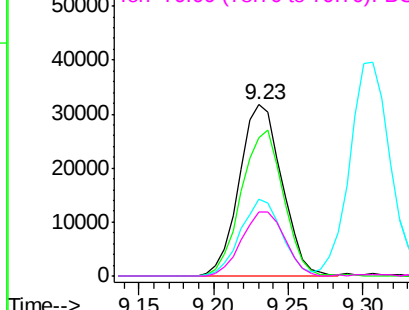
107 100

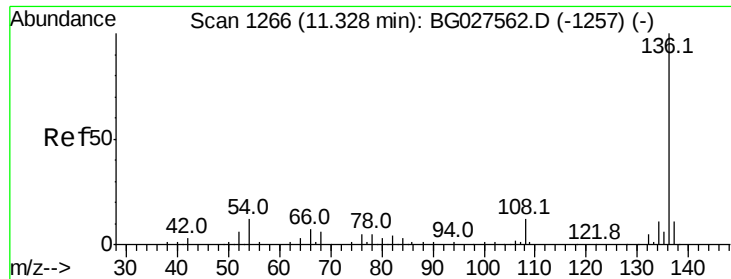
108 80.7 70.8 110.8

77 44.7 25.8 65.8

79 37.6 20.1 60.1

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

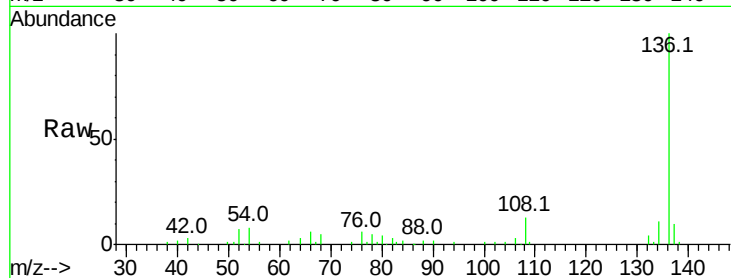




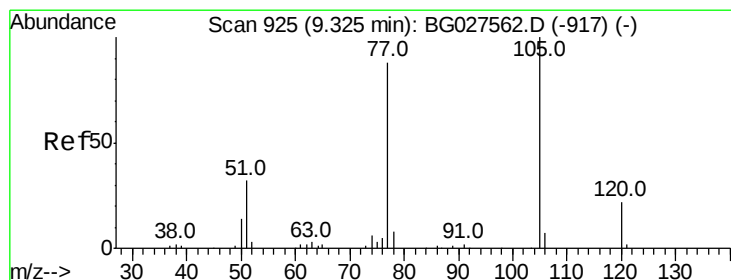
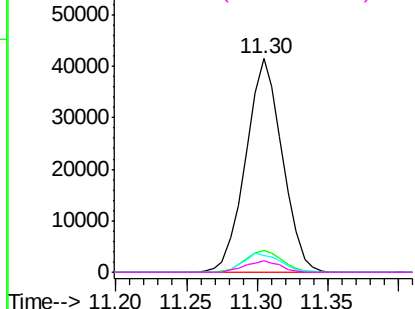
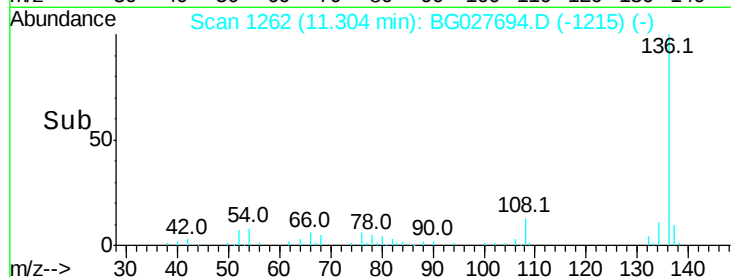
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	74968
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.9 13.3
54	7.7	9.3 13.9#
68	5.2	5.1 7.7

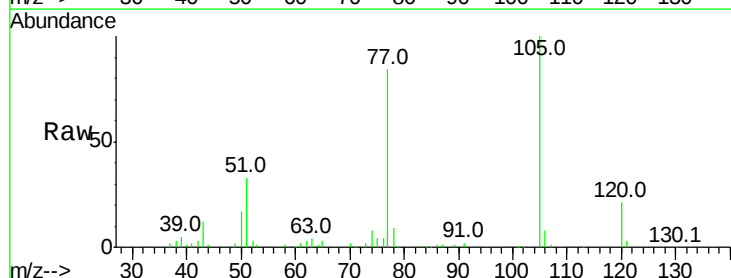


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

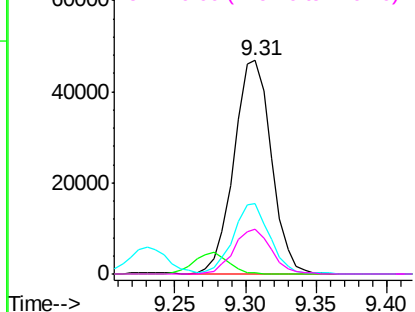
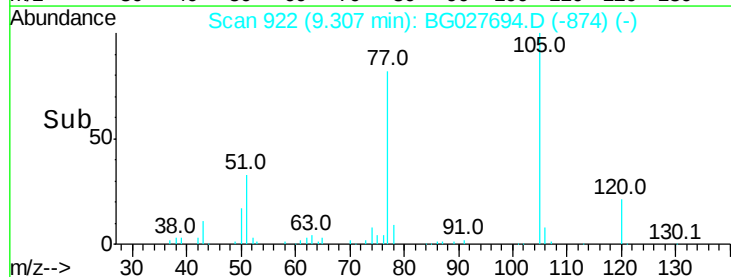


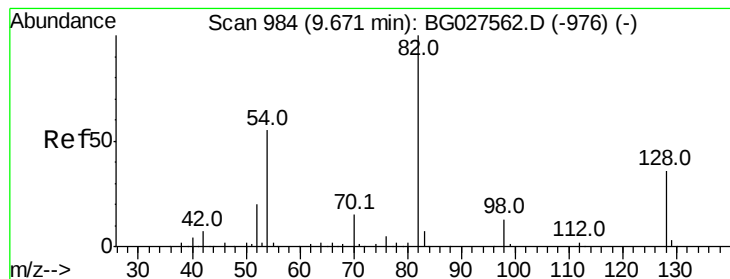
#22
Acetophenone
Concen: 42.21 ng
RT: 9.31 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Tgt Ion:105	Resp:	86770
Ion	Ratio	Lower Upper
105	100	
71	0.3	0.9 1.3#
51	33.2	34.0 51.0#
120	20.9	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: 82.61 ng

RT: 9.65 min Scan# 981

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampled :

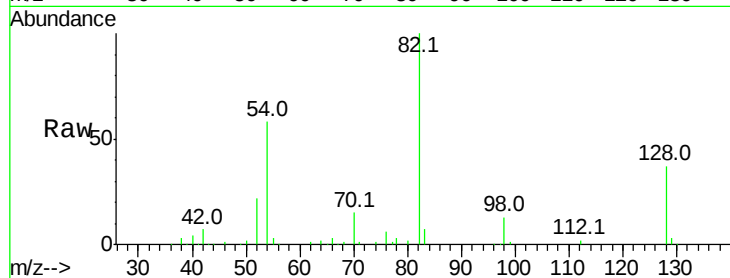
Tot Ion: 82 Resp: 130879

Ion Ratio Lower Upper

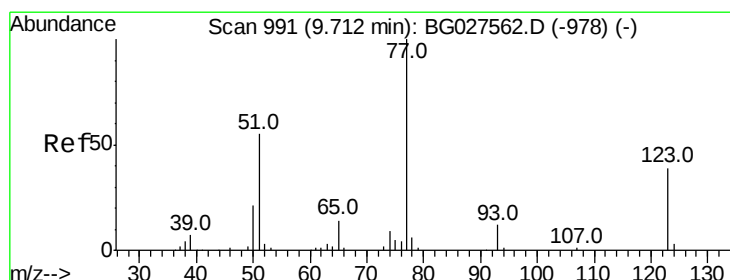
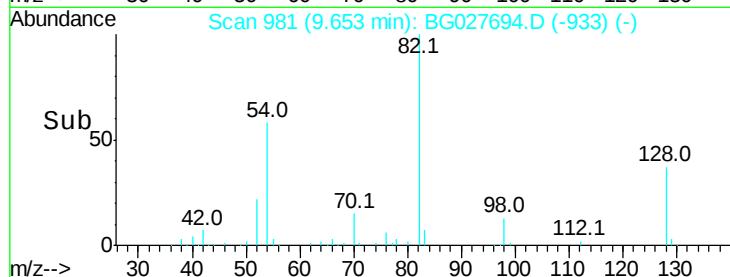
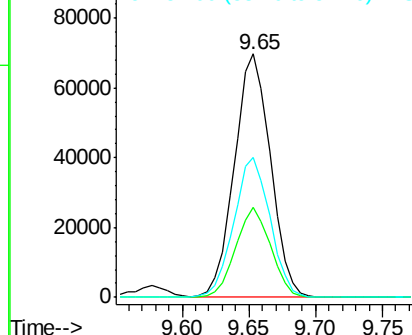
82 100

128 37.1 26.4 39.6

54 57.5 49.4 74.2



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



#24

Nitrobenzene

Concen: 39.77 ng

RT: 9.69 min Scan# 988

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

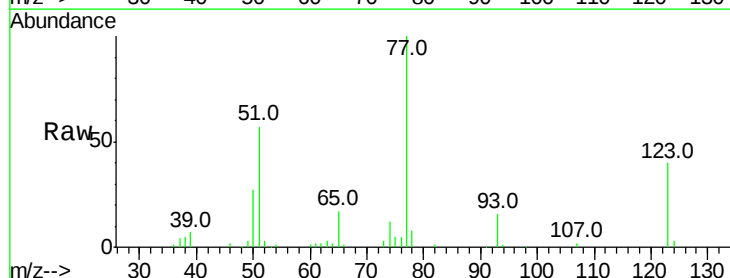
Tgt Ion: 77 Resp: 69064

Ion Ratio Lower Upper

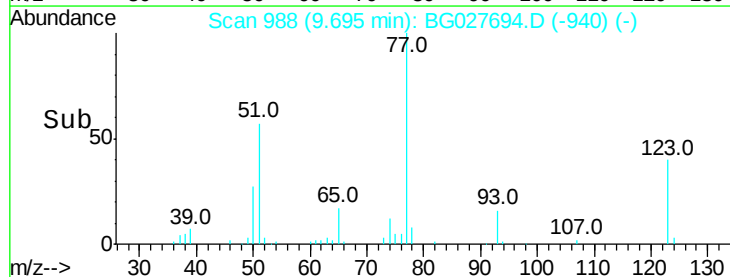
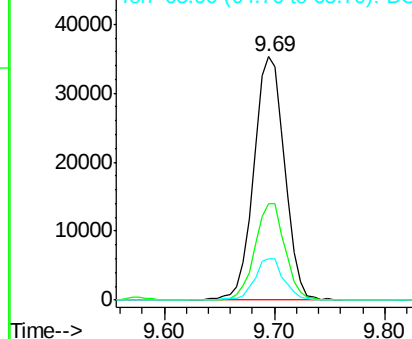
77 100

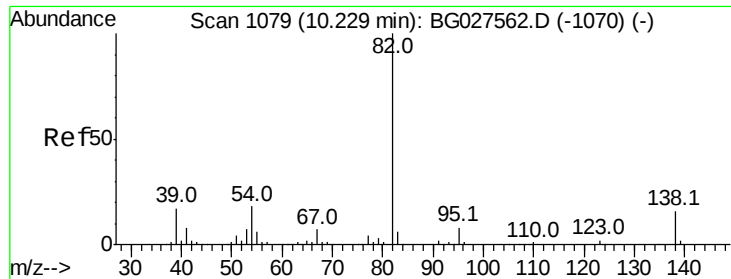
123 39.8 26.1 39.1#

65 16.8 12.4 18.6



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





#25

Isophorone

Concen: 40.04 ng

RT: 10.21 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampleId :

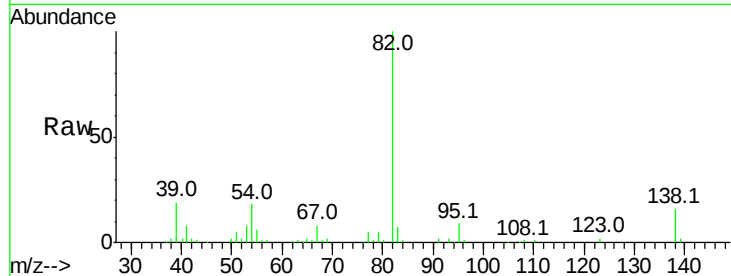
Tot Ion: 82 Resp: 130327

Ion Ratio Lower Upper

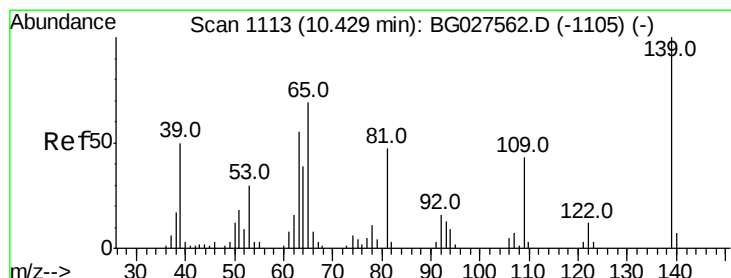
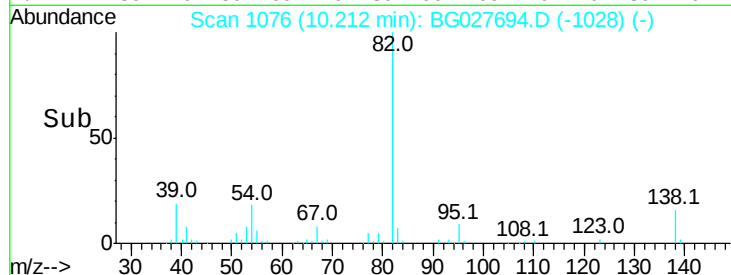
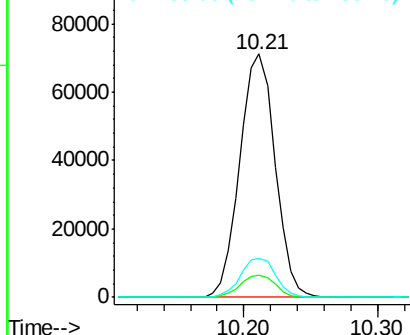
82 100

95 9.3 7.5 11.3

138 15.8 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: 43.11 ng

RT: 10.41 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

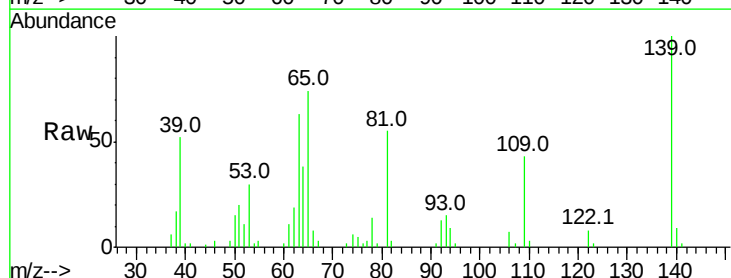
Tgt Ion: 139 Resp: 27693

Ion Ratio Lower Upper

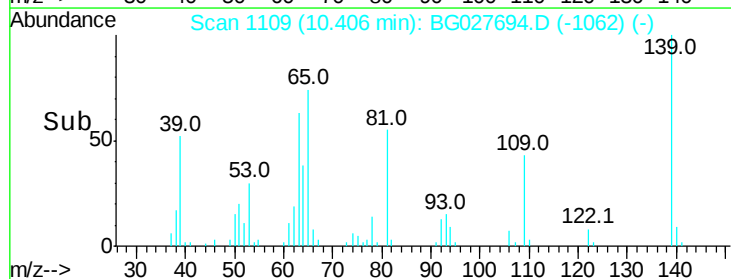
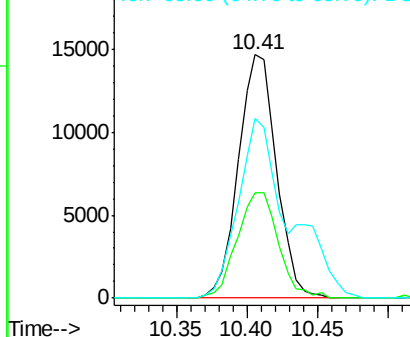
139 100

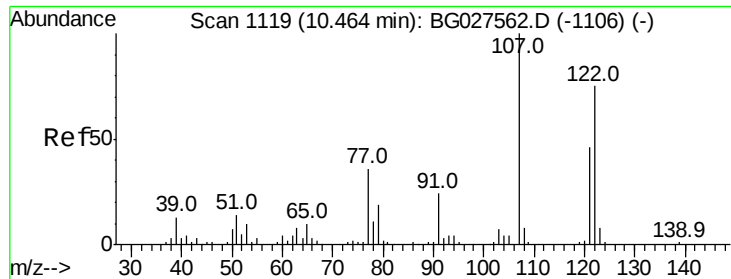
109 43.1 38.6 58.0

65 73.6 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

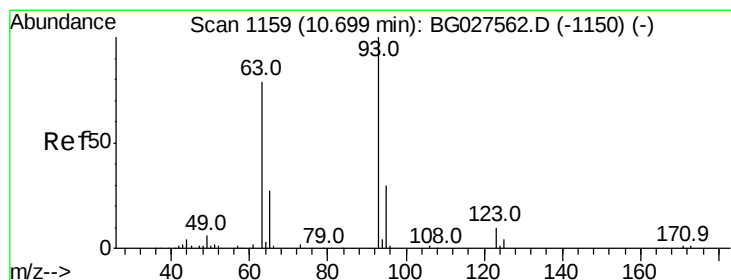
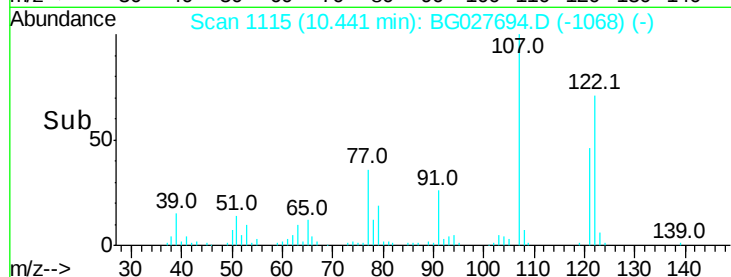
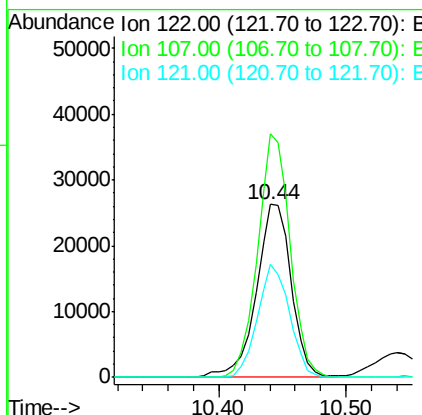
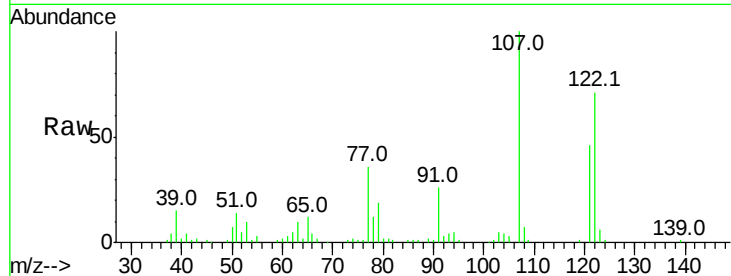




#27
 2,4-Dimethylphenol
 Concen: 41.40 ng
 RT: 10.44 min Scan# 1115
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

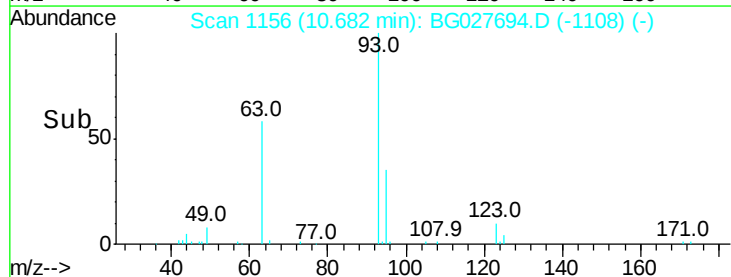
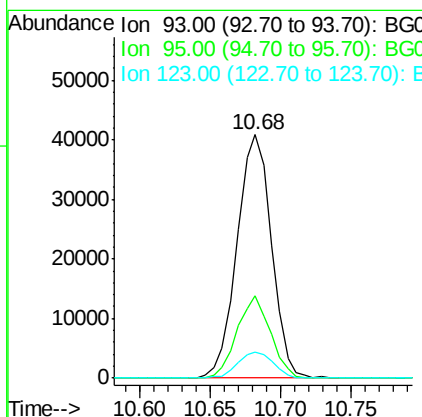
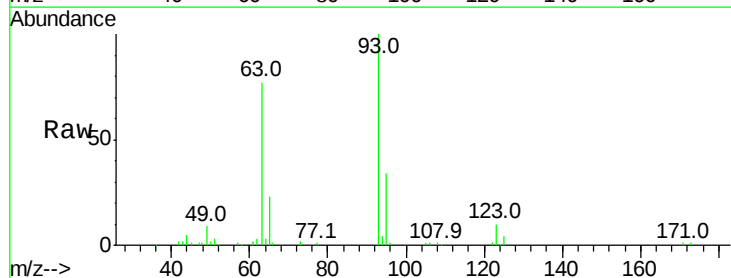
Instrument :
 BNA_G
 ClientSampled :

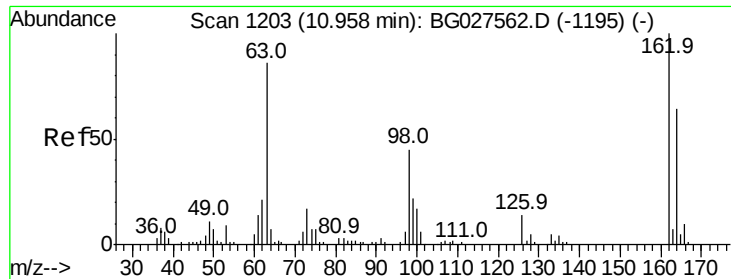
Tot Ion:122 Resp: 50226
 Ion Ratio Lower Upper
 122 100
 107 140.9 104.2 156.4
 121 65.3 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.92 ng
 RT: 10.68 min Scan# 1156
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

Tgt Ion: 93 Resp: 69562
 Ion Ratio Lower Upper
 93 100
 95 33.8 25.7 38.5
 123 10.5 8.3 12.5

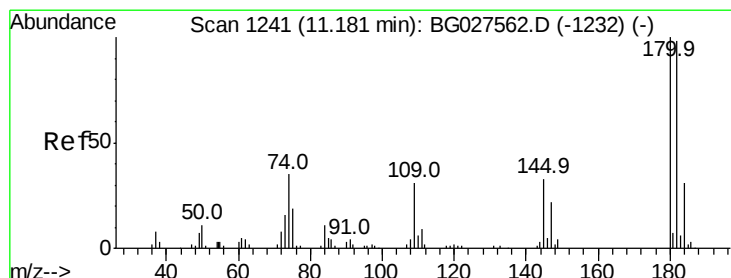
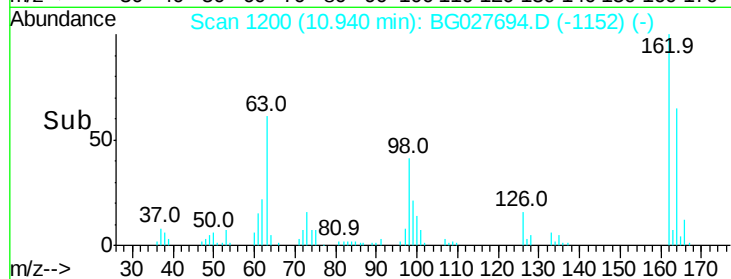
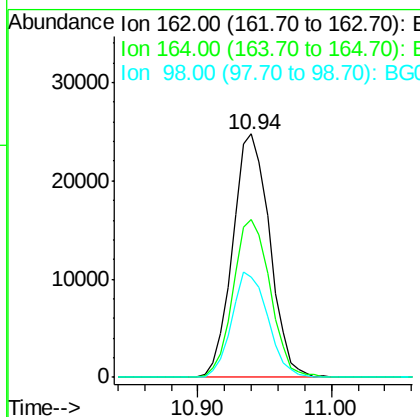
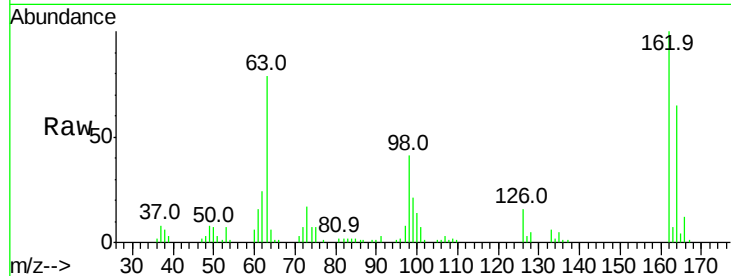




#29
 2,4-Dichlorophenol
 Concen: 45.42 ng
 RT: 10.94 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

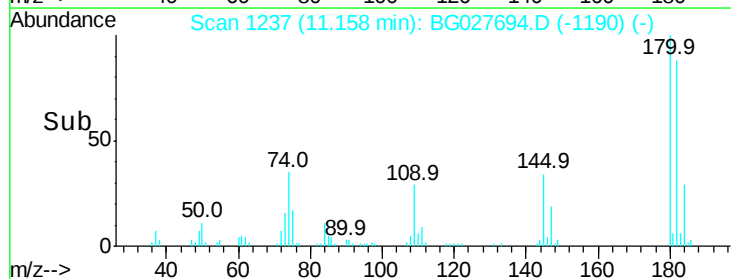
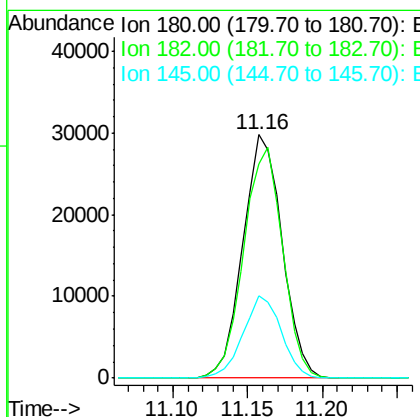
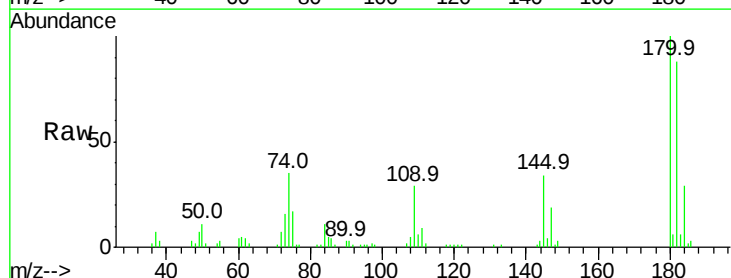
Instrument :
 BNA_G
 ClientSampleId :

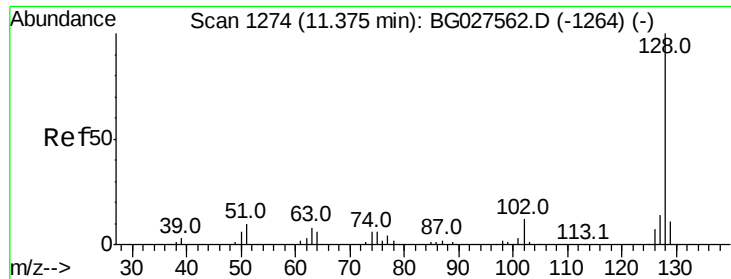
Tot Ion:162 Resp: 47592
 Ion Ratio Lower Upper
 162 100
 164 64.8 42.4 82.4
 98 40.9 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 45.15 ng
 RT: 11.16 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

Tgt Ion:180 Resp: 54089
 Ion Ratio Lower Upper
 180 100
 182 88.2 77.0 115.4
 145 33.8 23.4 35.0

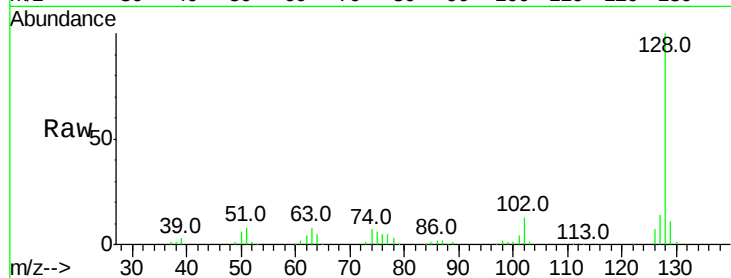




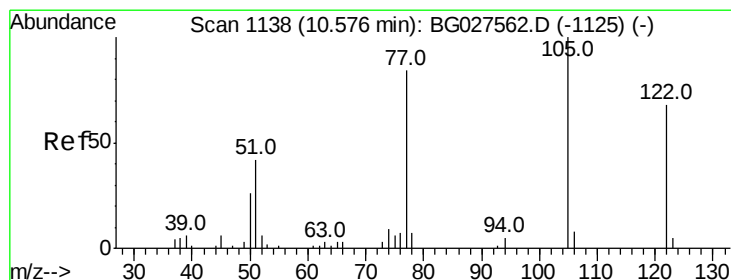
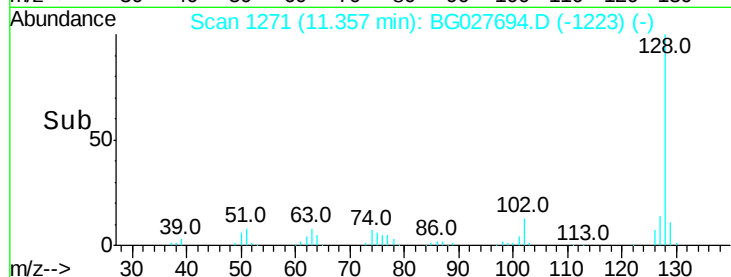
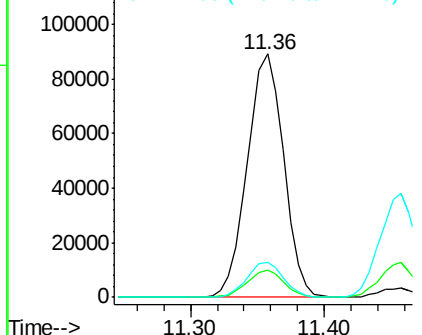
#31
Naphthalene
Concen: 41.40 ng
RT: 11.36 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 167734
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 14.1 11.4 17.0

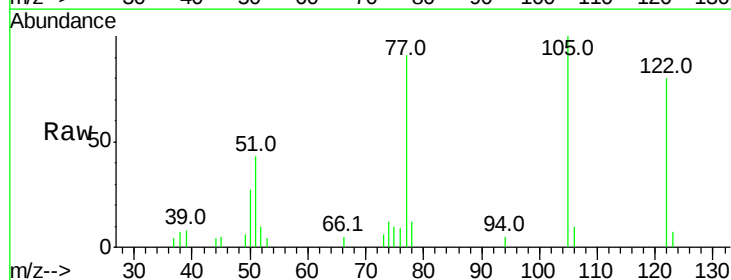


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

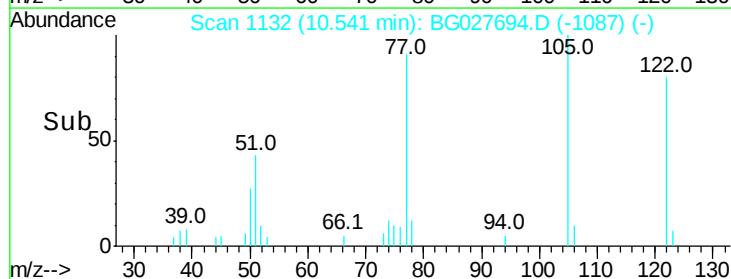
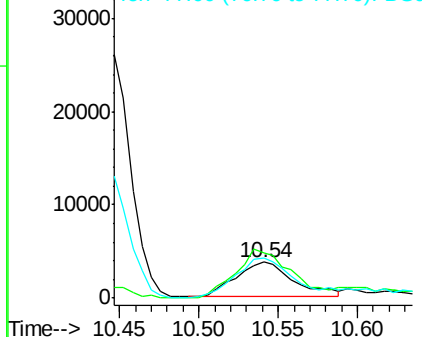


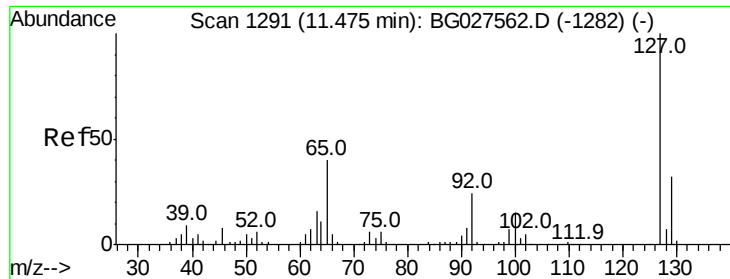
#32
Benzoic acid
Concen: 16.97 ng
RT: 10.54 min Scan# 1132
Delta R.T. -0.04 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Tgt Ion:122 Resp: 9408
Ion Ratio Lower Upper
122 100
105 125.0 120.1 160.1
77 113.2 104.6 144.6



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

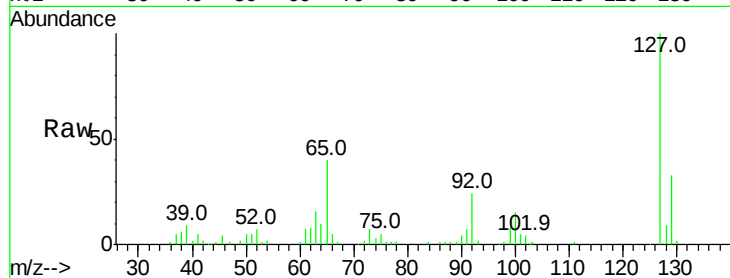




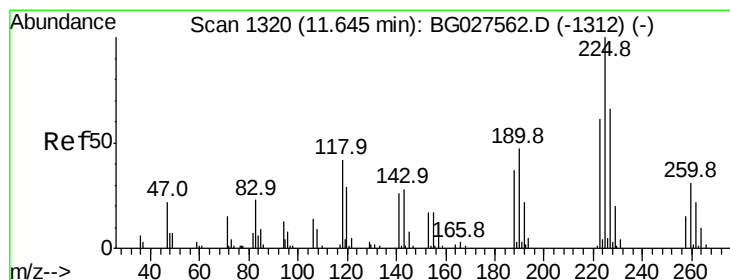
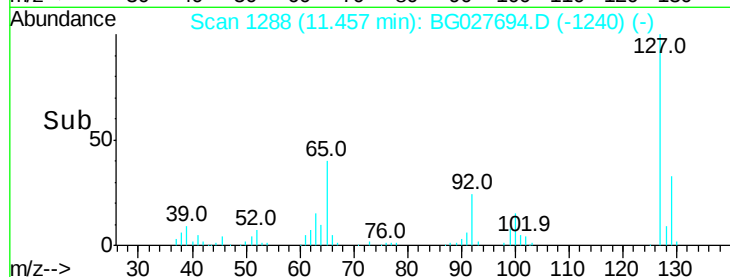
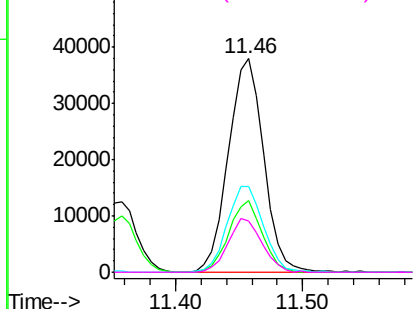
#33
4-Chloroaniline
Concen: 42.45 ng
RT: 11.46 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	72944
Ion	Ratio	Lower	Upper
127	100		
129	33.4	23.6	35.4
65	40.4	37.7	56.5
92	24.0	17.6	26.4

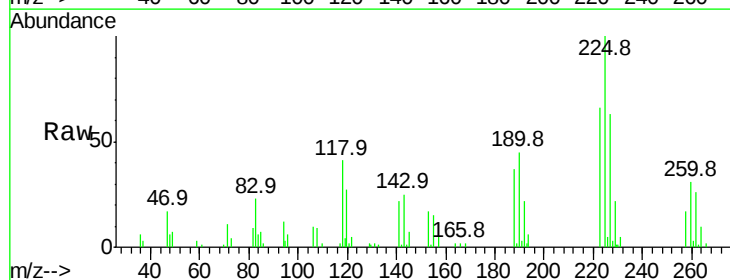


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

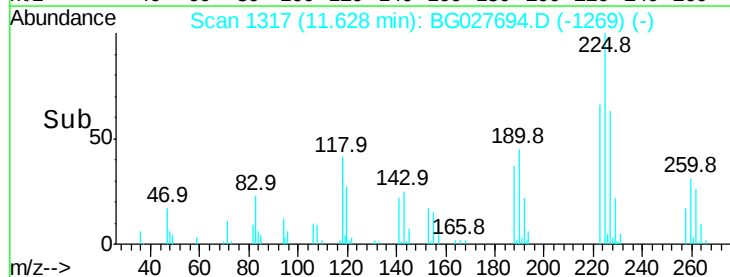
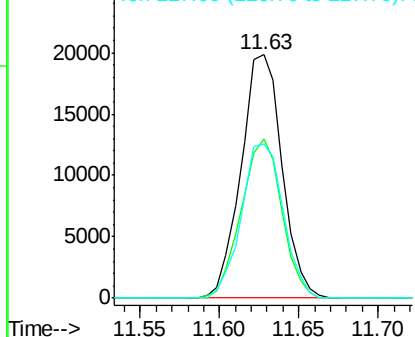


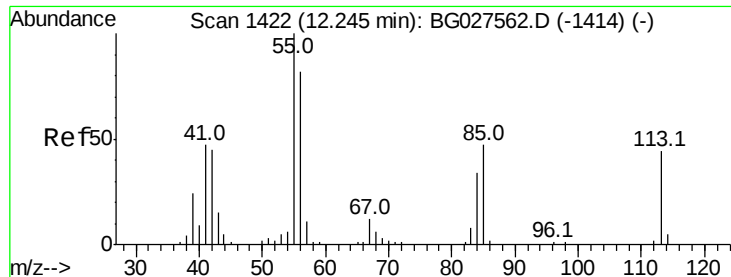
#34
Hexachlorobutadiene
Concen: 49.22 ng
RT: 11.63 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Tgt Ion:	225	Resp:	35630
Ion	Ratio	Lower	Upper
225	100		
223	65.5	50.7	76.1
227	63.1	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: 39.73 ng

RT: 12.23 min Scan# 1419

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampleId :

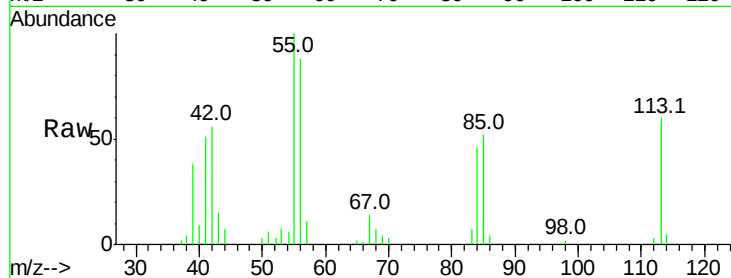
Tot Ion:113 Resp: 19404

Ion Ratio Lower Upper

113 100

55 166.8 198.6 238.6#

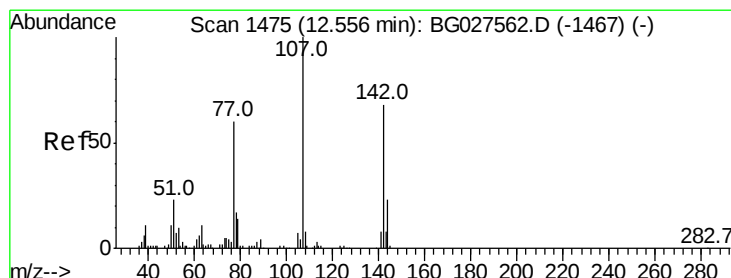
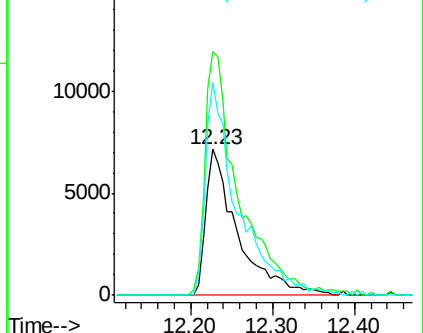
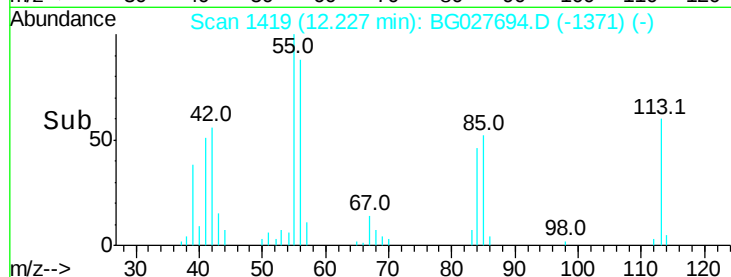
56 146.0 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG027562.D (-1414) (-)

Ion 56.00 (55.70 to 56.70): BG027562.D (-1414) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.59 ng

RT: 12.54 min Scan# 1472

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

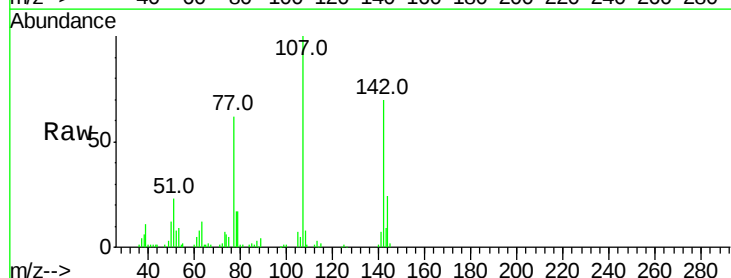
Tgt Ion:107 Resp: 70050

Ion Ratio Lower Upper

107 100

144 24.3 17.4 26.0

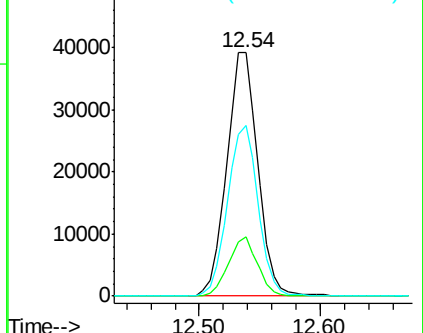
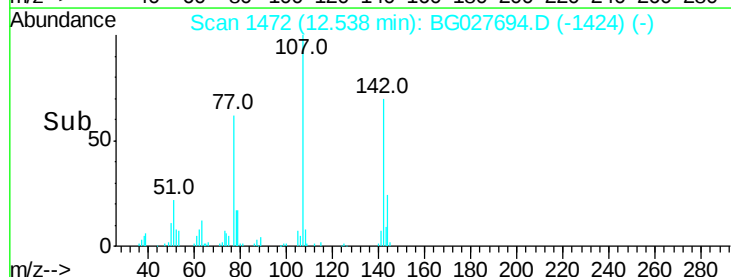
142 70.0 54.1 81.1

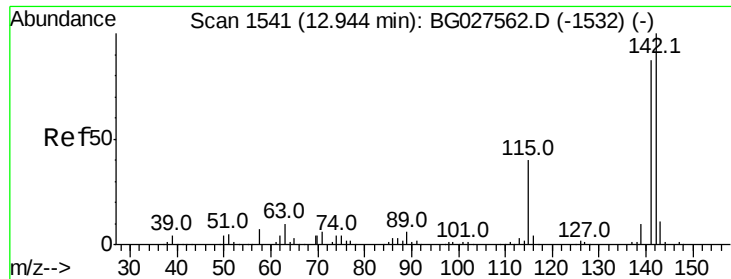


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

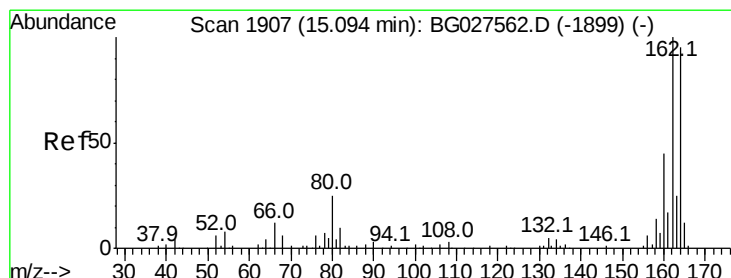
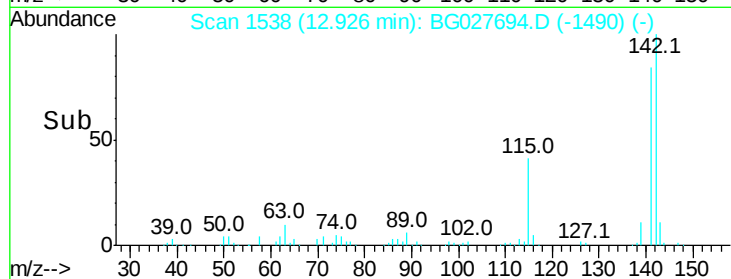
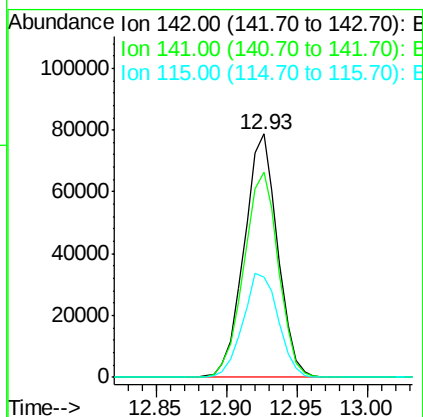
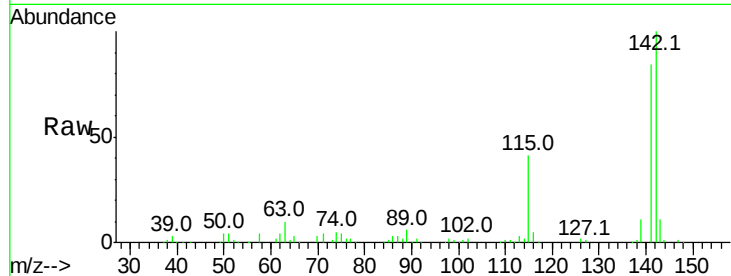




#37
2-Methylnaphthalene
Concen: 44.29 ng
RT: 12.93 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

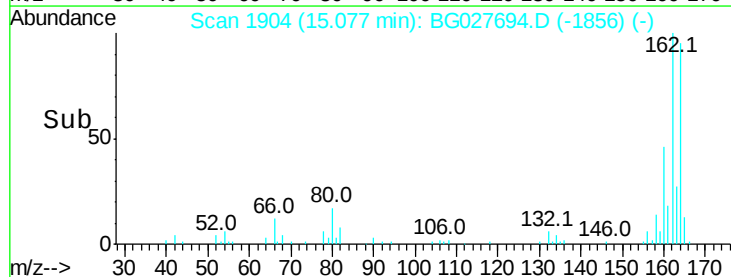
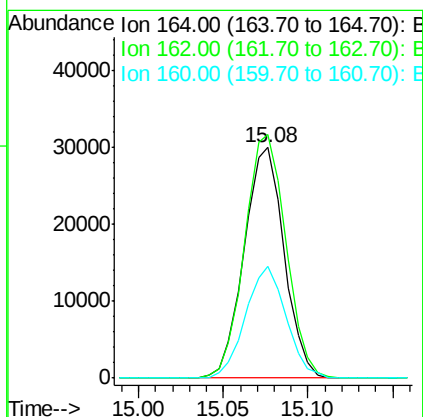
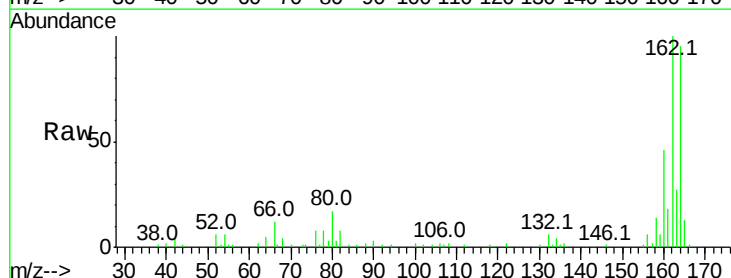
Instrument :
BNA_G
ClientSampled :

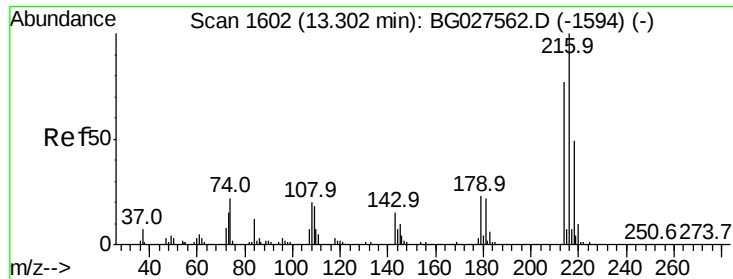
Tot Ion:142 Resp: 130434
Ion Ratio Lower Upper
142 100
141 84.3 70.4 105.6
115 41.0 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.08 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Tgt Ion:164 Resp: 49406
Ion Ratio Lower Upper
164 100
162 105.7 85.1 127.7
160 48.8 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.55 ng

RT: 13.28 min Scan# 1599

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 73664

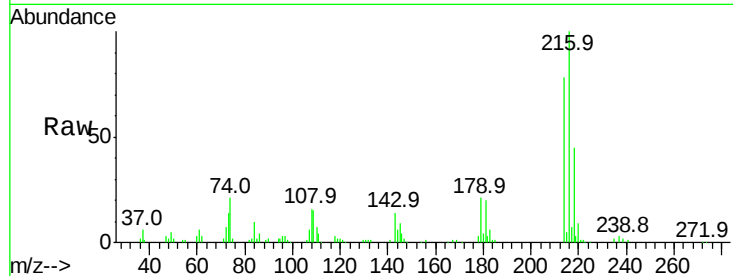
Ion Ratio Lower Upper

216 100

214 78.9 64.4 96.6

179 21.8 17.4 26.0

108 19.3 15.6 23.4

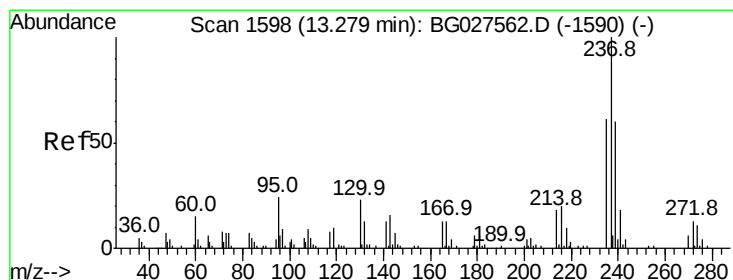
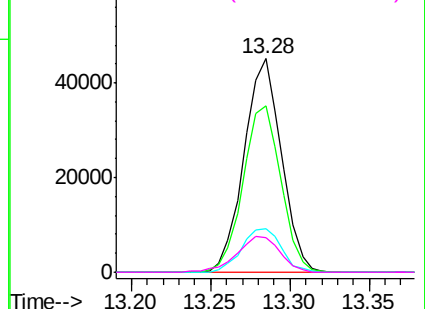
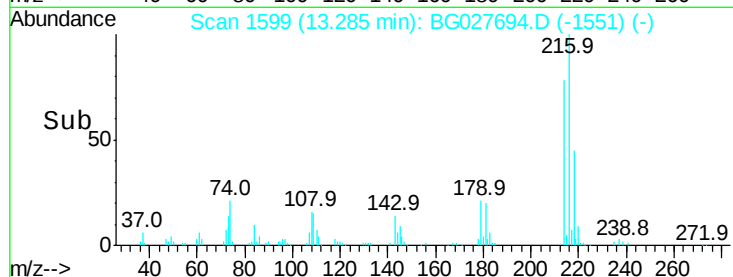


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 43.58 ng

RT: 13.26 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

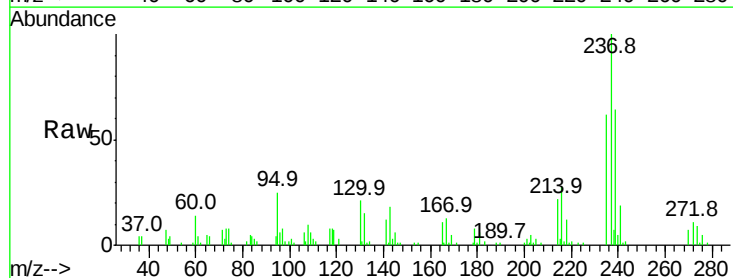
Tgt Ion:237 Resp: 36194

Ion Ratio Lower Upper

237 100

235 61.9 39.4 79.4

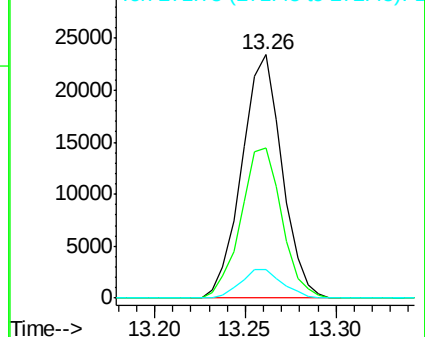
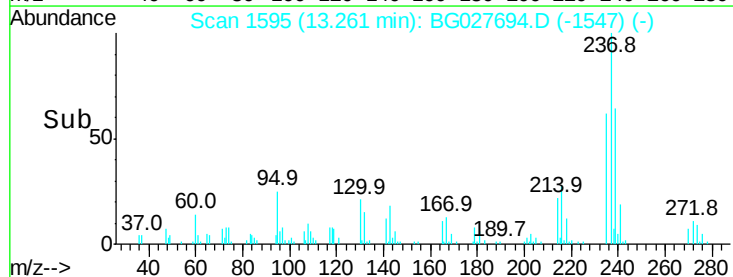
272 11.5 0.0 32.0

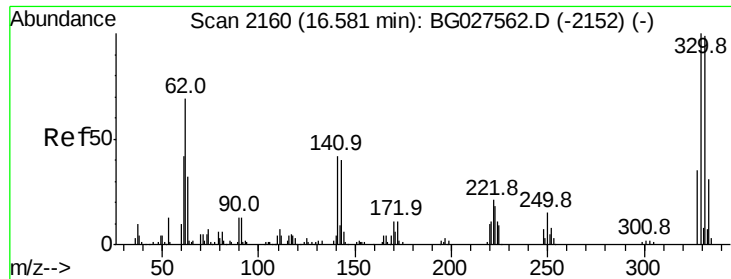


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

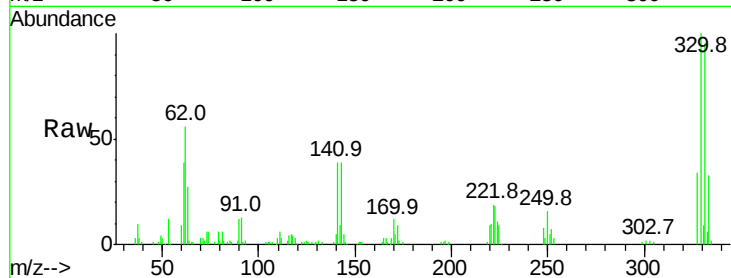




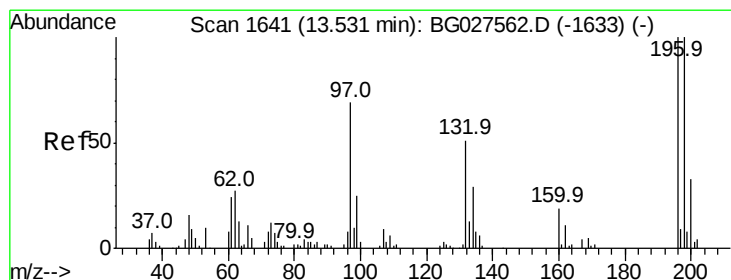
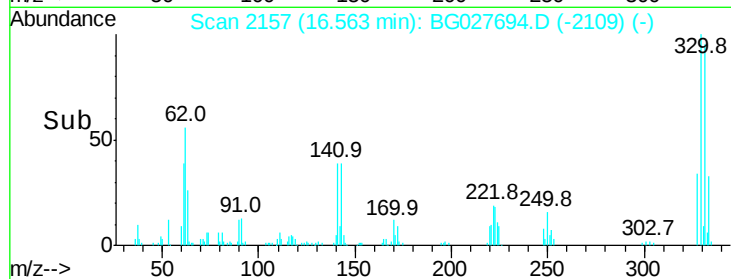
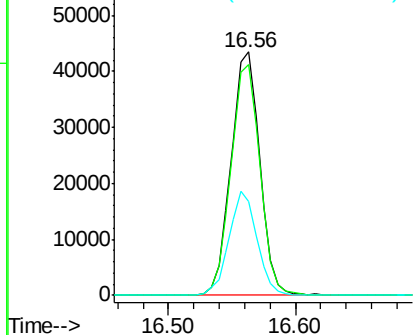
#41
 2,4,6-Tribromophenol
 Concen: 91.92 ng
 RT: 16.56 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 67704
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 41.5 32.1 48.1

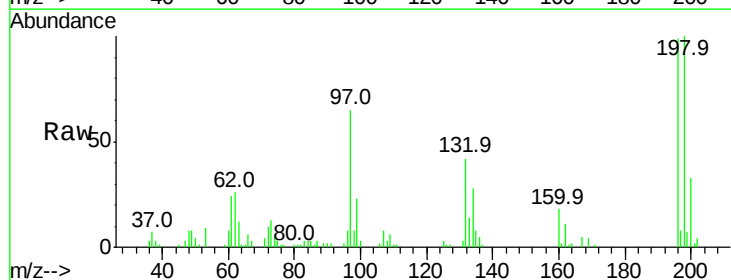


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

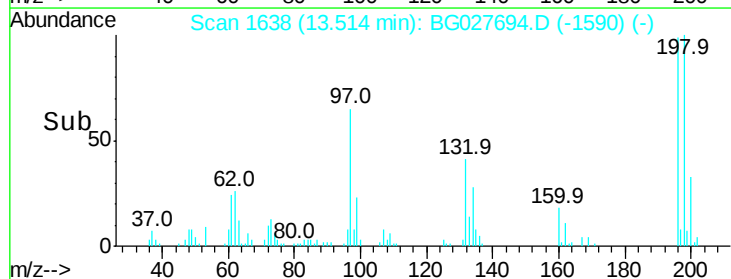
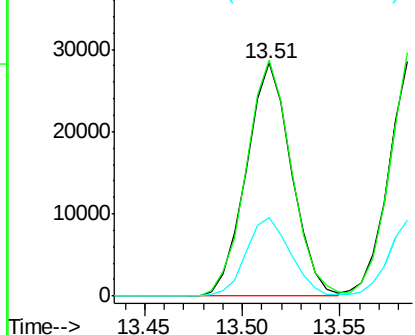


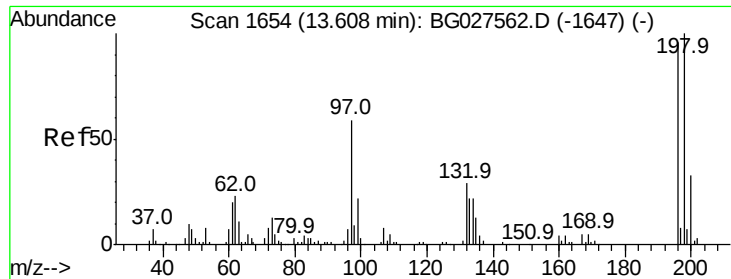
#42
 2,4,6-Trichlorophenol
 Concen: 45.31 ng
 RT: 13.51 min Scan# 1638
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

Tgt Ion:196 Resp: 45360
 Ion Ratio Lower Upper
 196 100
 198 101.2 81.4 122.2
 200 33.7 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

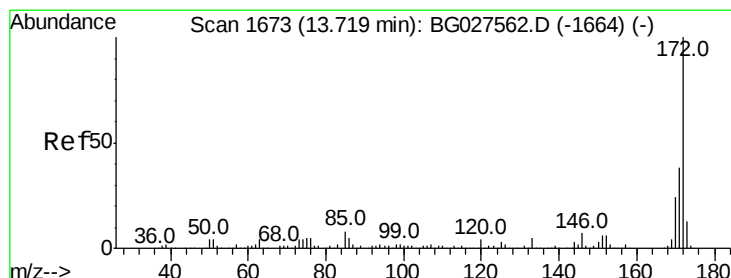
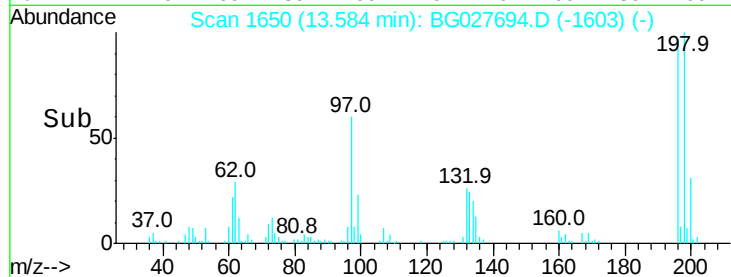
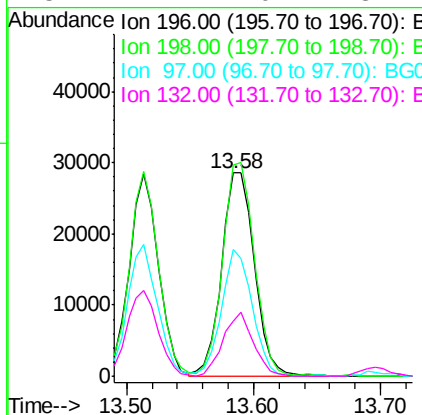
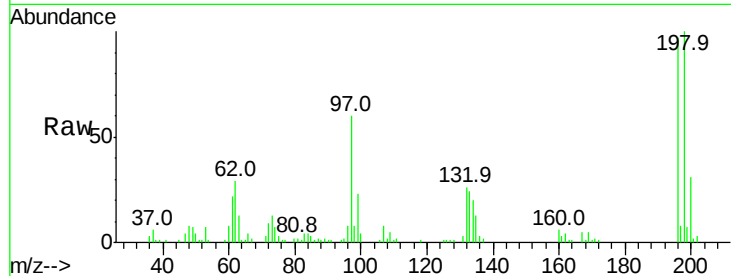




#43
 2,4,5-Trichlorophenol
 Concen: 43.50 ng
 RT: 13.58 min Scan# 1650
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

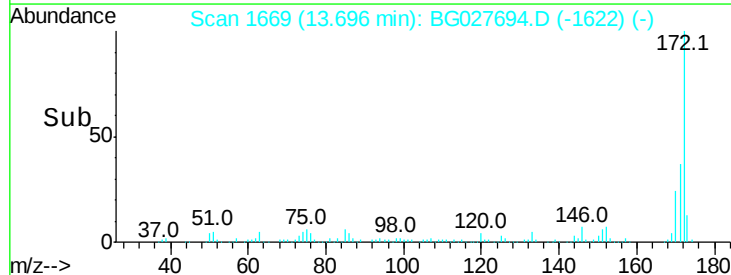
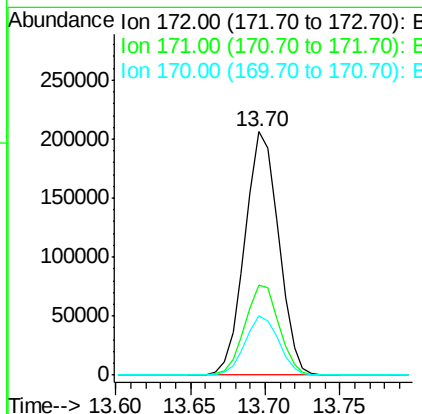
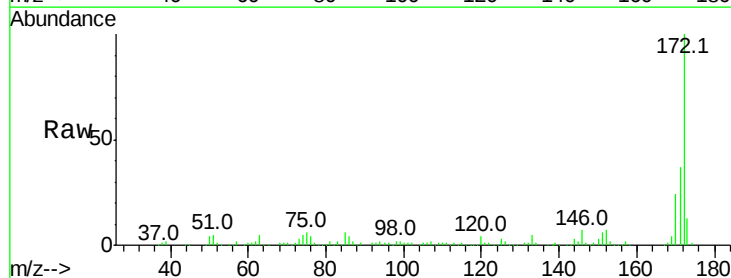
Instrument :
 BNA_G
 ClientSampleId :

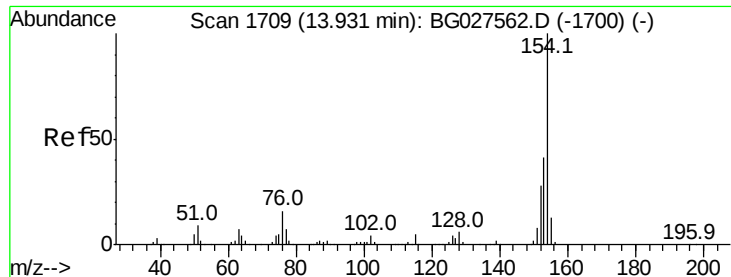
Tot Ion:	196	Resp:	51178
Ion	Ratio	Lower	Upper
196	100		
198	103.6	79.9	119.9
97	62.2	45.4	68.0
132	27.2	20.7	31.1



#44
 2-Fluorobiphenyl
 Concen: 89.35 ng
 RT: 13.70 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

Tgt Ion:	172	Resp:	323172
Ion	Ratio	Lower	Upper
172	100		
171	36.8	32.2	48.2
170	24.2	21.8	32.6

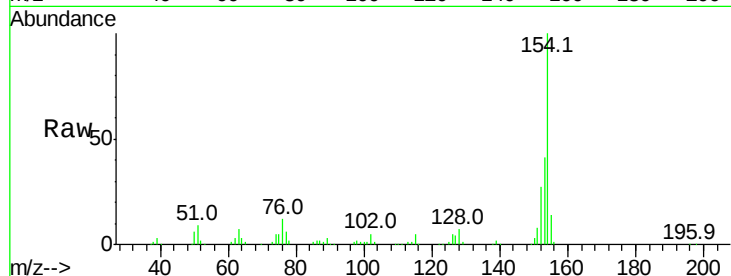




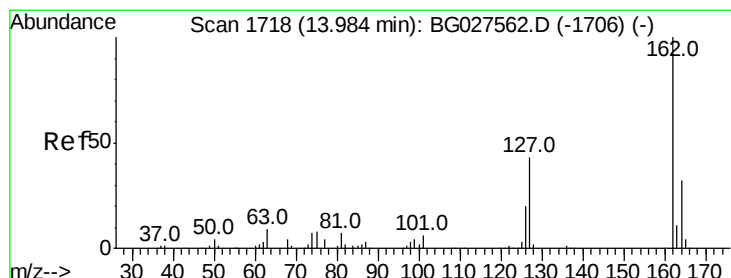
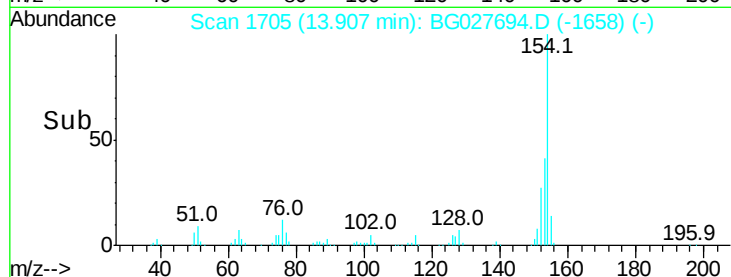
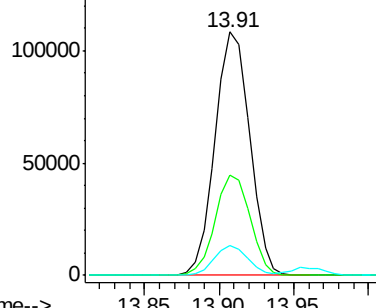
#45
 1,1'-Biphenyl
 Concen: 42.36 ng
 RT: 13.91 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	23.0	63.0
76	12.1	0.0	33.5

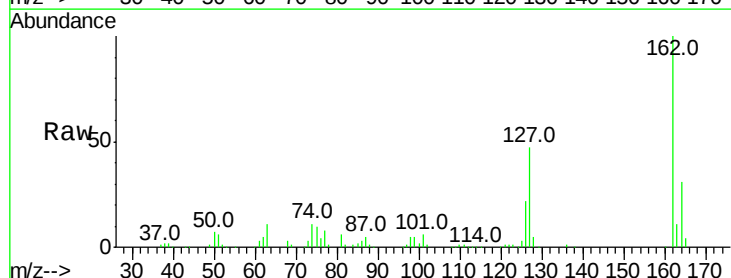


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

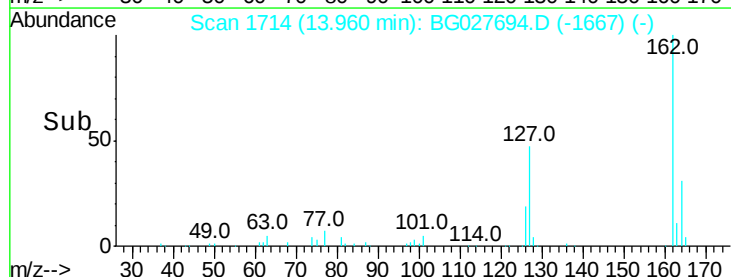
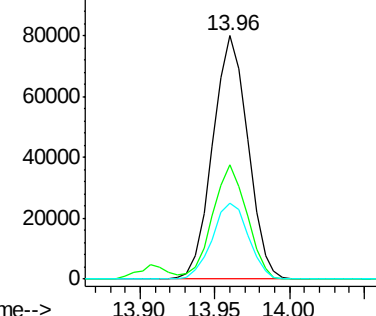


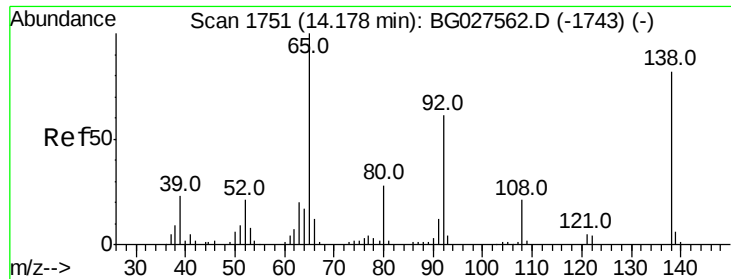
#46
 2-Chloronaphthalene
 Concen: 42.57 ng
 RT: 13.96 min Scan# 1714
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.2	32.2	48.4
164	31.2	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

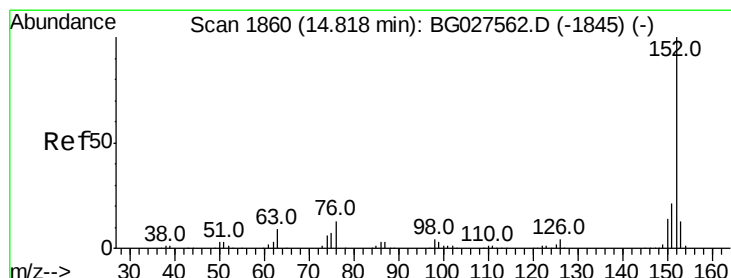
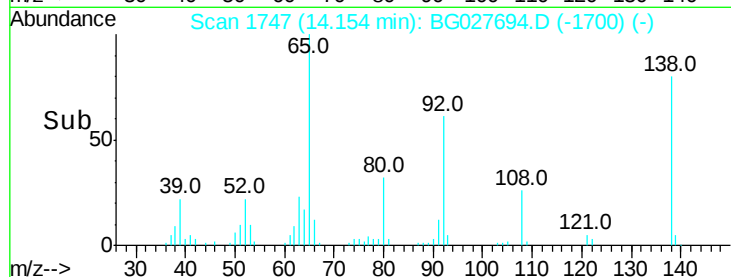
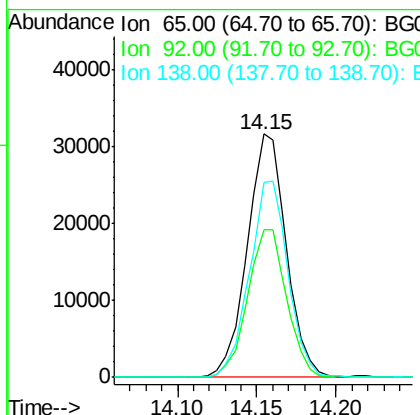
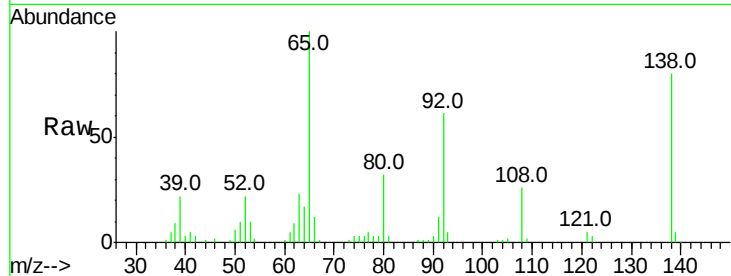




#47
2-Nitroaniline
Concen: 39.36 ng
RT: 14.15 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

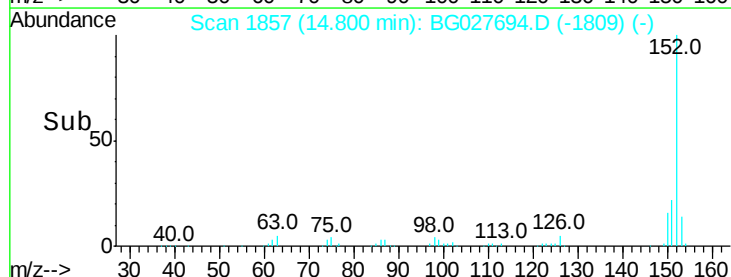
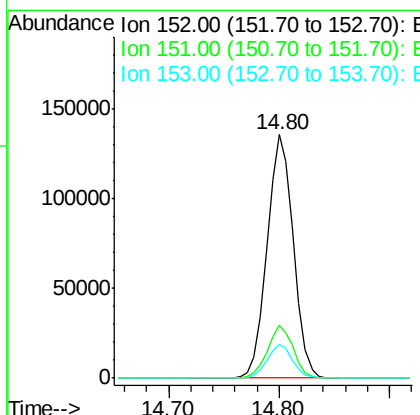
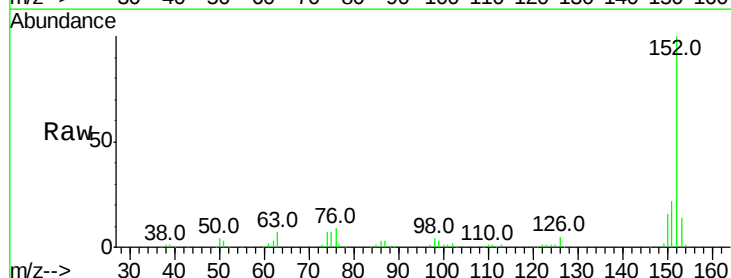
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.5	49.0	73.4
138	80.2	58.6	87.8



#48
Acenaphthylene
Concen: 41.98 ng
RT: 14.80 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	18.2	27.2
153	13.8	11.3	16.9

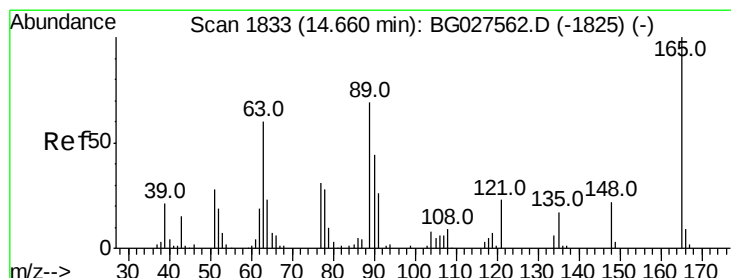
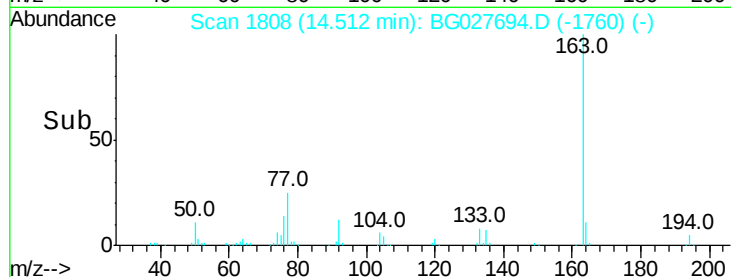
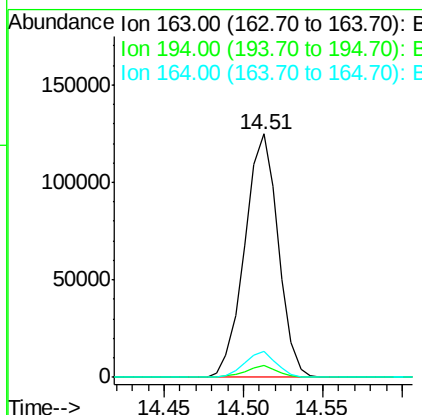
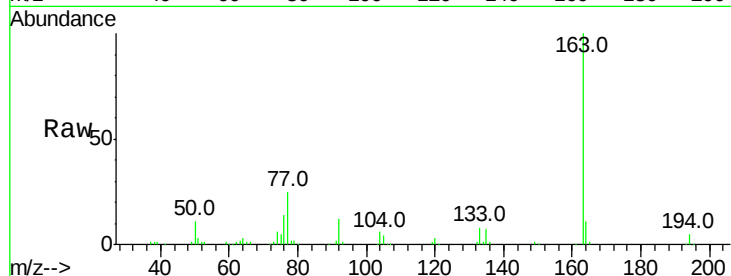




#49
Dimethylphthalate
Concen: 42.31 ng
RT: 14.51 min Scan# 1808
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

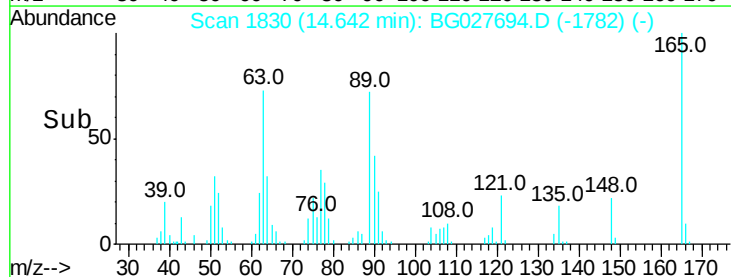
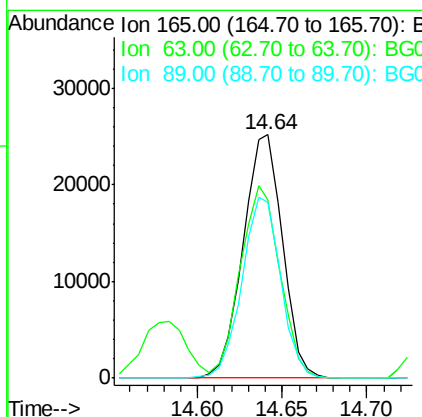
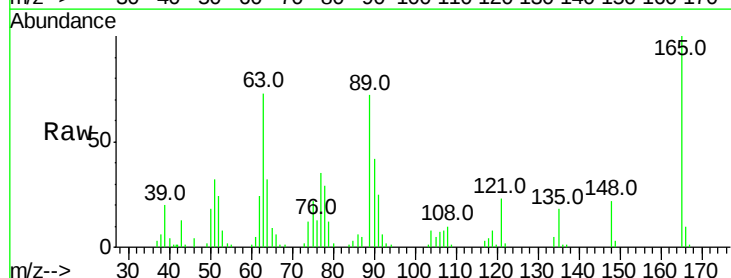
Instrument :
BNA_G
ClientSampleId :

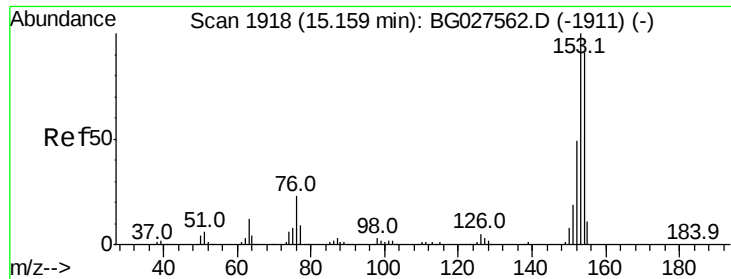
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.6
164	10.5	9.3	13.9



#50
2,6-Dinitrotoluene
Concen: 43.50 ng
RT: 14.64 min Scan# 1830
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.3	63.9	95.9
89	72.3	58.6	88.0





#51

Acenaphthene

Concen: 38.80 ng

RT: 15.14 min Scan# 1915

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampled :

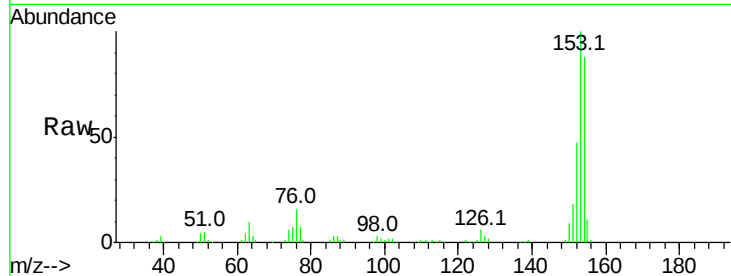
Tot Ion:154 Resp: 145136

Ion Ratio Lower Upper

154 100

153 113.9 87.8 131.6

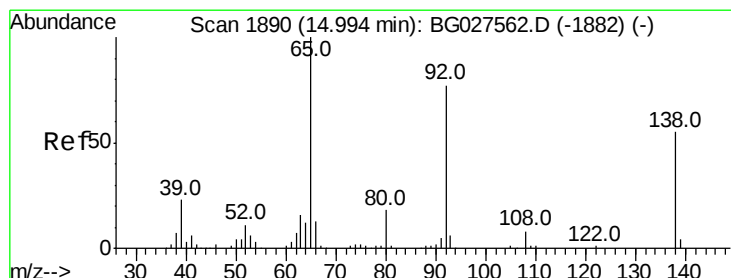
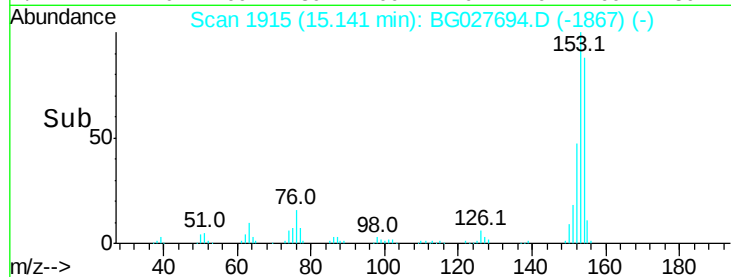
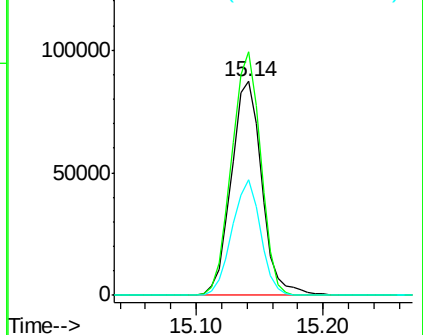
152 53.8 42.2 63.4



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: 40.86 ng

RT: 14.98 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

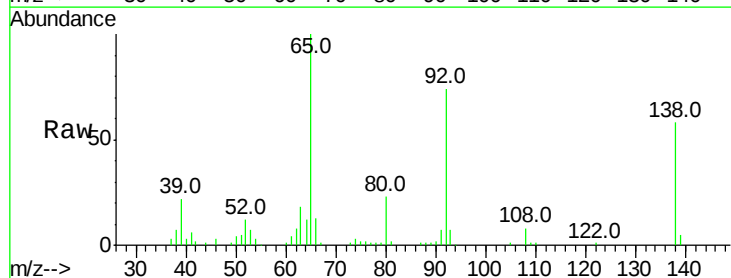
Tgt Ion:138 Resp: 40487

Ion Ratio Lower Upper

138 100

108 13.5 10.9 16.3

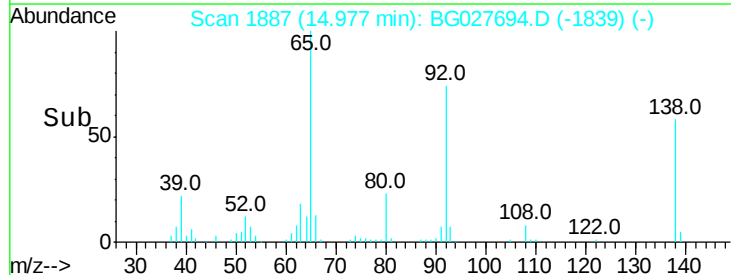
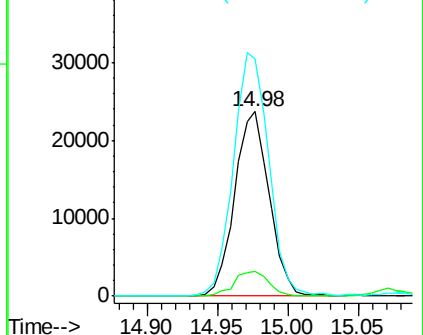
92 128.5 115.3 172.9

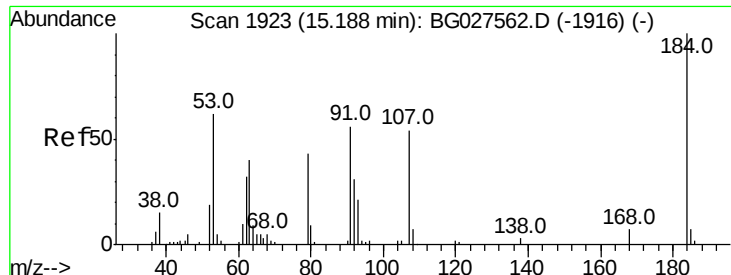


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

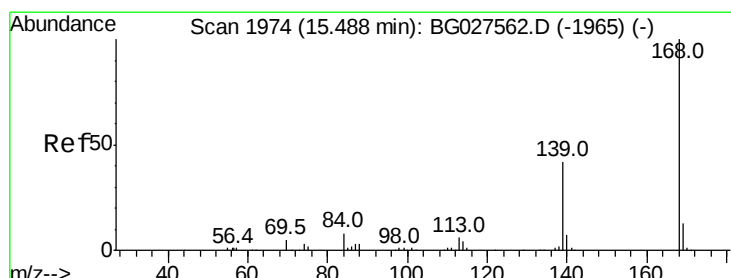
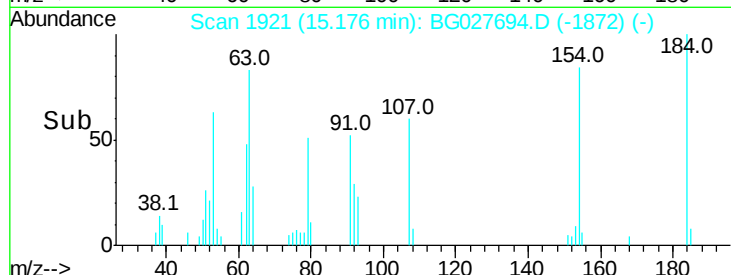
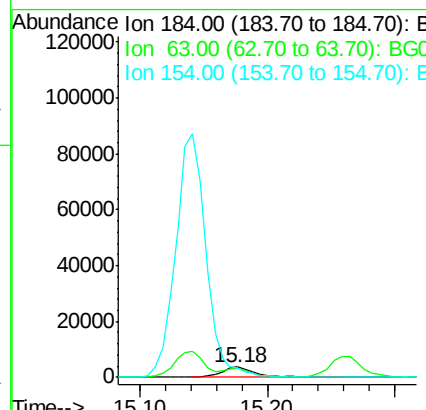
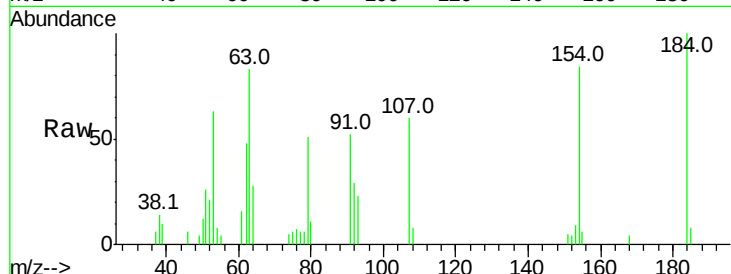




#53
 2,4-Dinitrophenol
 Concen: 12.82 ng
 RT: 15.18 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

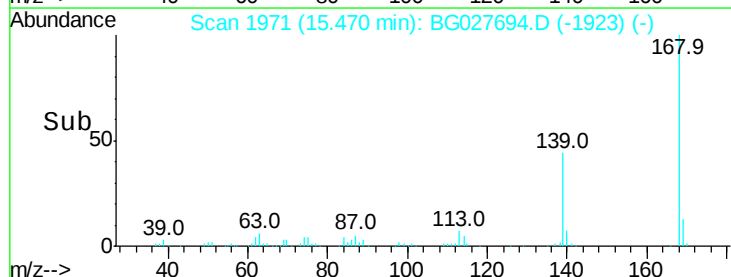
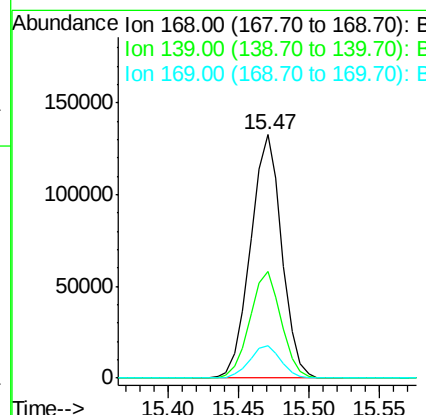
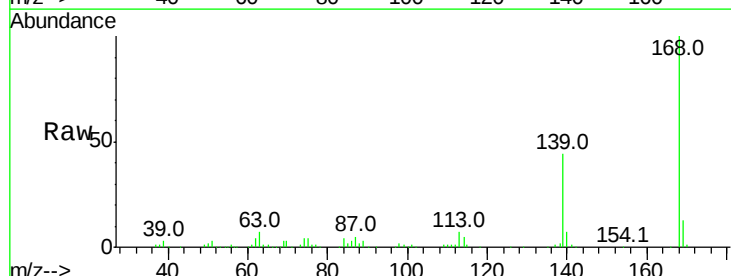
Instrument :
 BNA_G
 ClientSampleId :

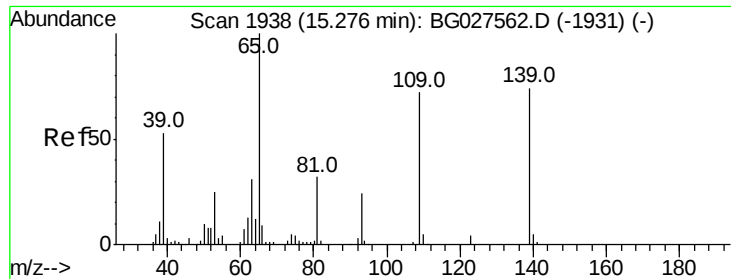
Tot Ion:184 Resp: 6799
 Ion Ratio Lower Upper
 184 100
 63 82.9 52.7 79.1#
 154 84.2 57.3 85.9



#54
 Dibenzofuran
 Concen: 42.13 ng
 RT: 15.47 min Scan# 1971
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

Tgt Ion:168 Resp: 205255
 Ion Ratio Lower Upper
 168 100
 139 43.6 35.3 52.9
 169 13.2 11.5 17.3





#55

4-Nitrophenol

Concen: 34.91 ng

RT: 15.26 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampleId :

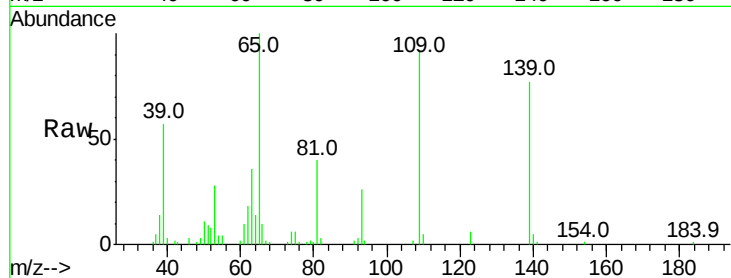
Tot Ion:139 Resp: 28958

Ion Ratio Lower Upper

139 100

109 118.7 101.2 141.2

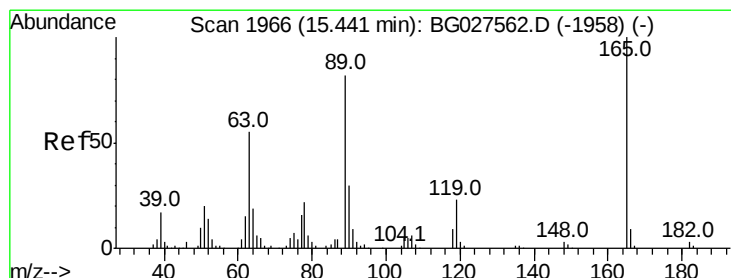
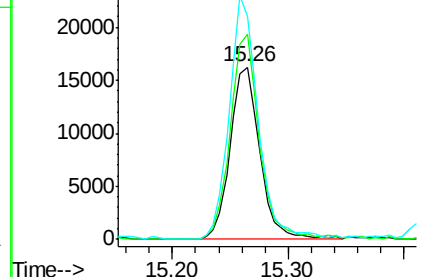
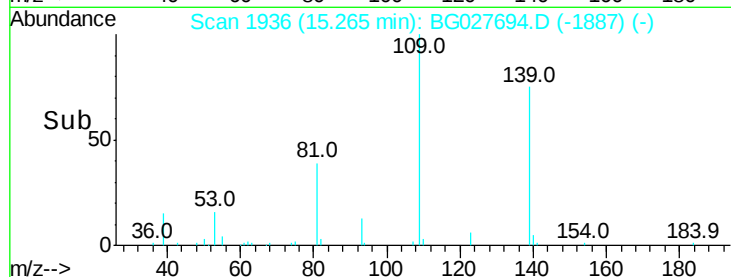
65 129.5 135.3 175.3#



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: 44.03 ng

RT: 15.42 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Tgt Ion:165 Resp: 58600

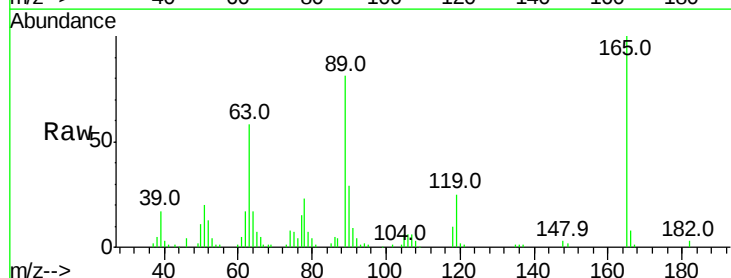
Ion Ratio Lower Upper

165 100

63 58.2 44.0 66.0

89 81.1 67.3 100.9

182 2.8 3.8 5.6#

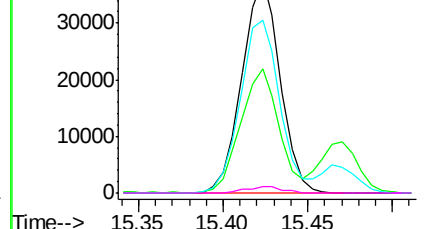
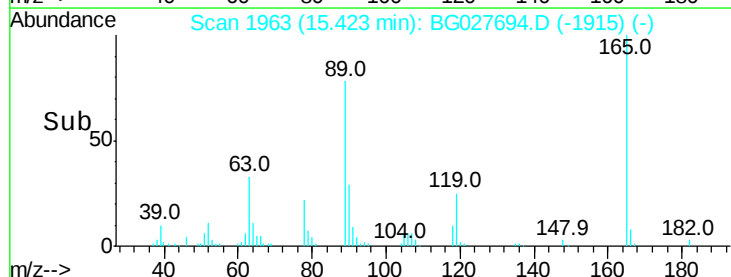


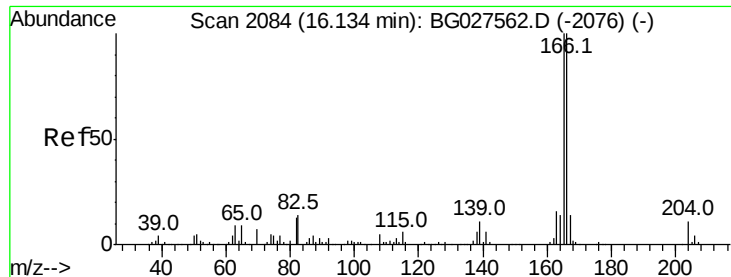
Abundance Ion 165.00 (164.70 to 165.70): E

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

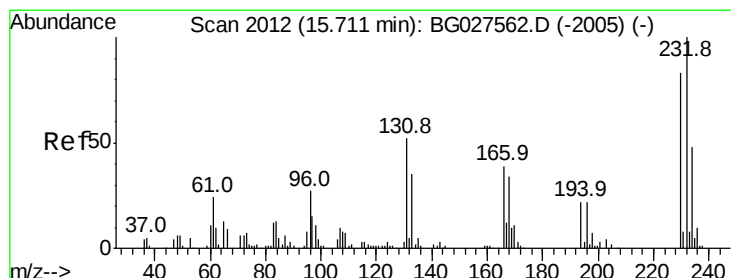
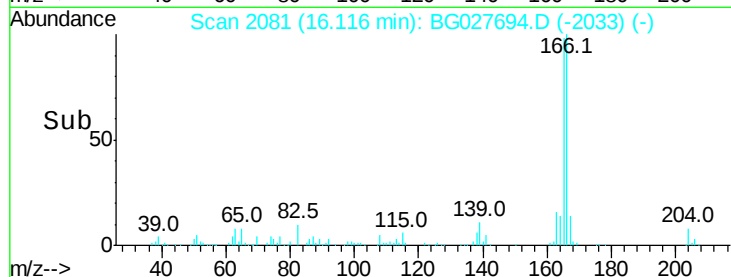
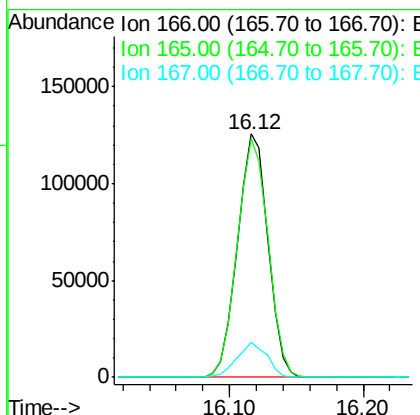
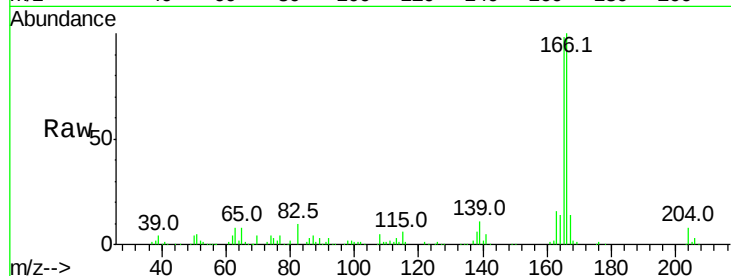




#57
 Fluorene
 Concen: 42.92 ng
 RT: 16.12 min Scan# 2081
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

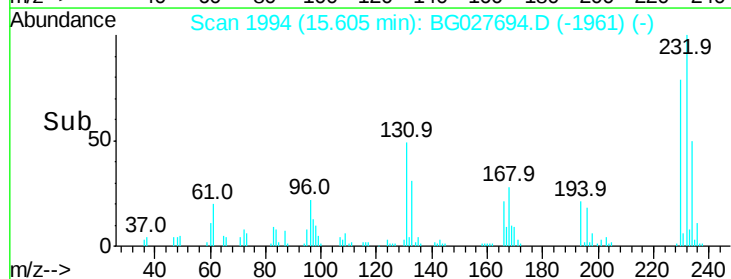
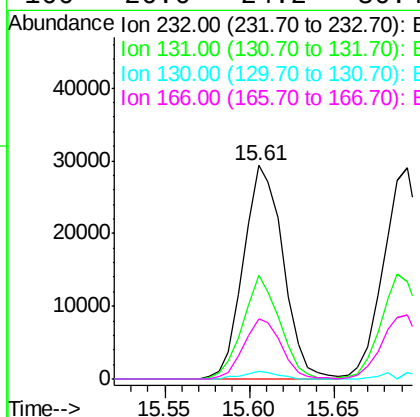
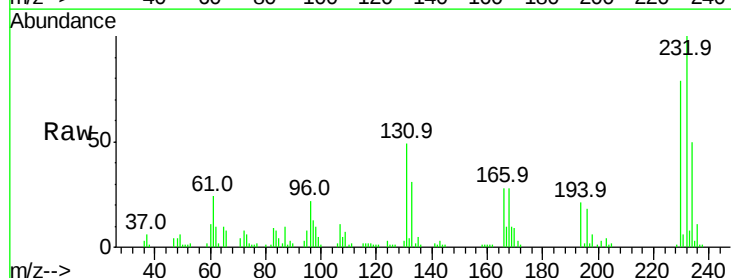
Instrument :
 BNA_G
 ClientSampleId :

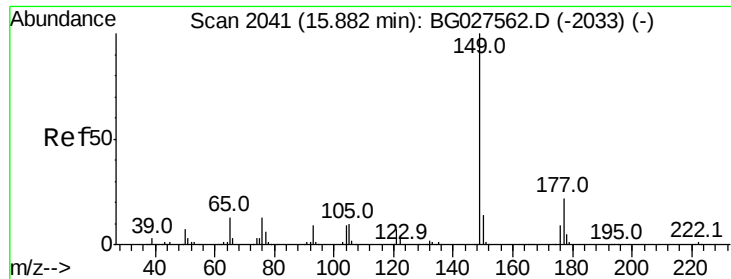
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	117.8
167	14.2	11.6	17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.39 ng
 RT: 15.61 min Scan# 1994
 Delta R.T. -0.11 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.0	34.9	52.3
130	3.1	2.3	3.5
166	26.6	24.2	36.4

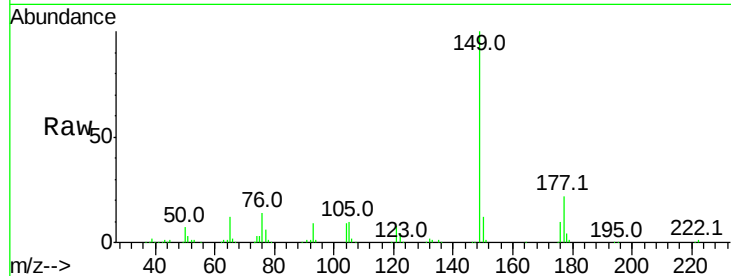




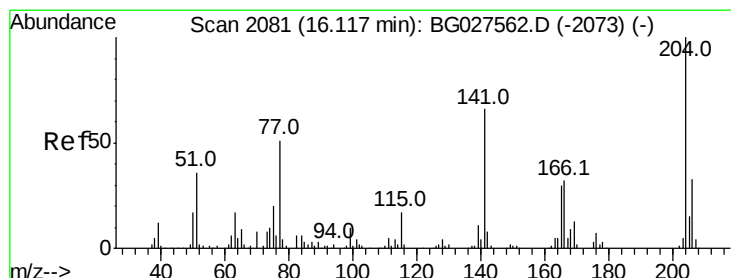
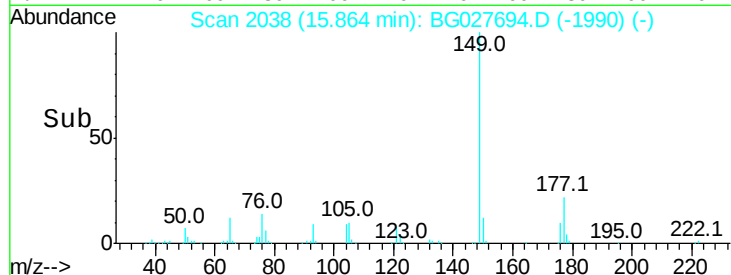
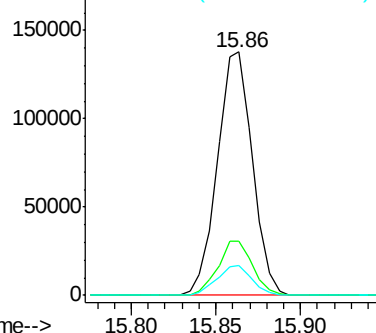
#59
Diethylphthalate
Concen: 42.00 ng
RT: 15.86 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 198263
Ion Ratio Lower Upper
149 100
177 22.4 20.1 30.1
150 12.5 10.2 15.2

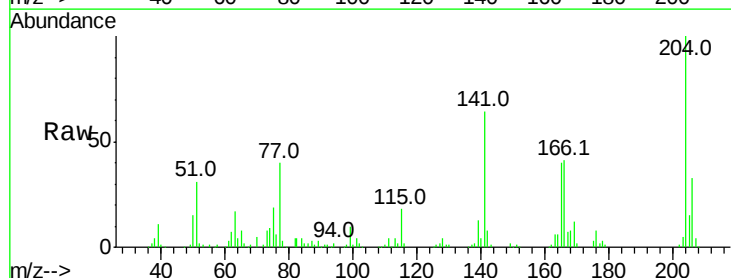


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

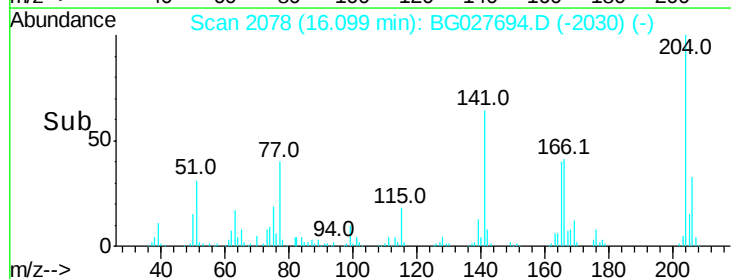
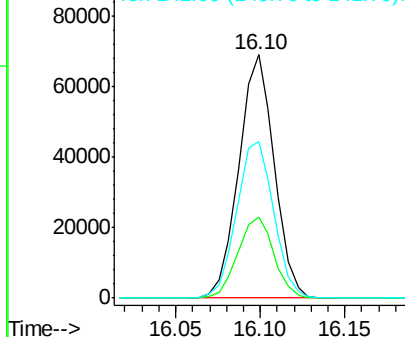


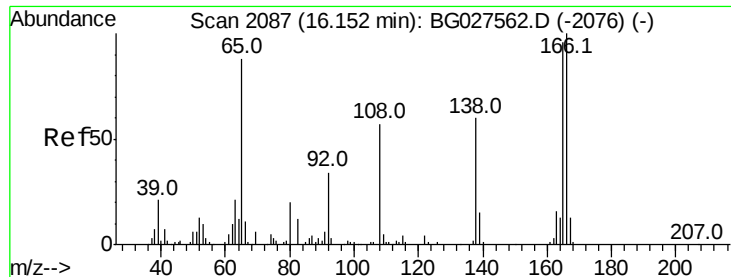
#60
4-Chlorophenyl-phenylether
Concen: 44.22 ng
RT: 16.10 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Tgt Ion:204 Resp: 100422
Ion Ratio Lower Upper
204 100
206 33.4 30.1 45.1
141 64.4 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

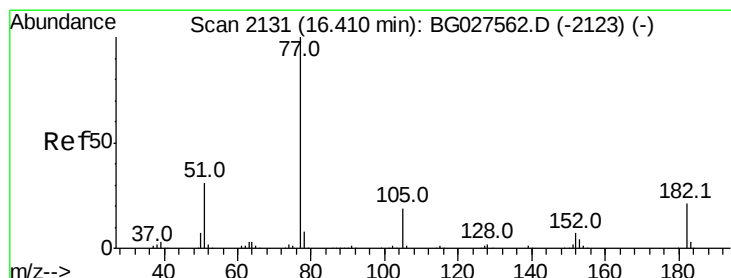
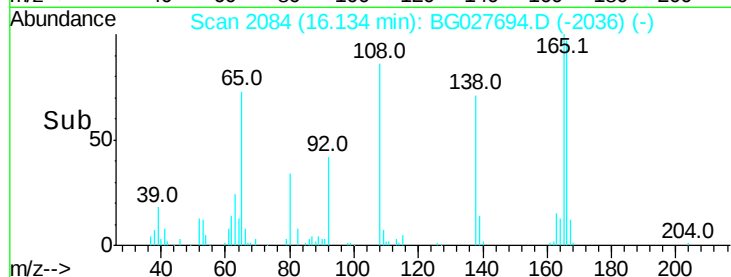
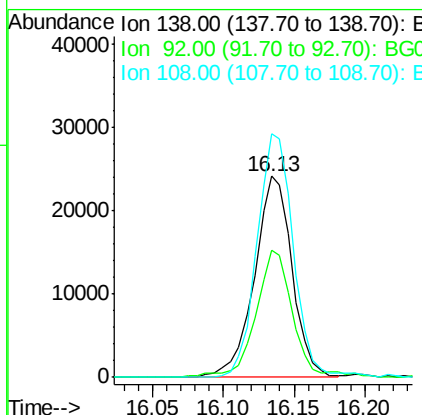
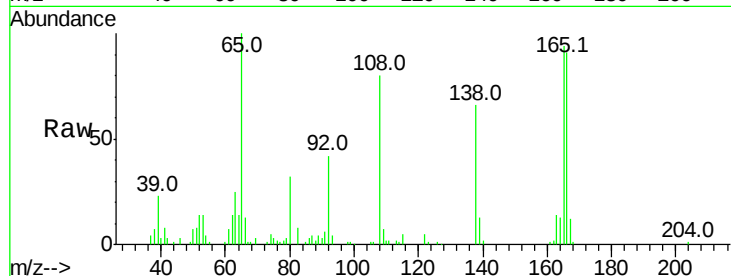




#61
4-Nitroaniline
Concen: 41.50 ng
RT: 16.13 min Scan# 2084
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

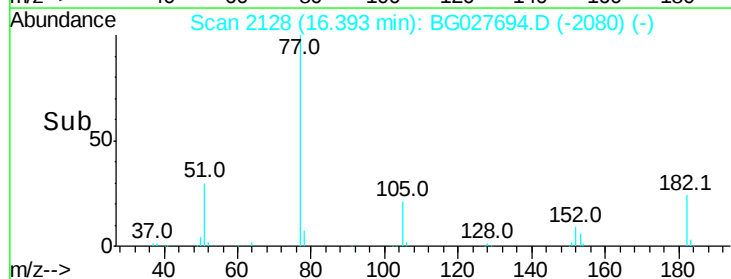
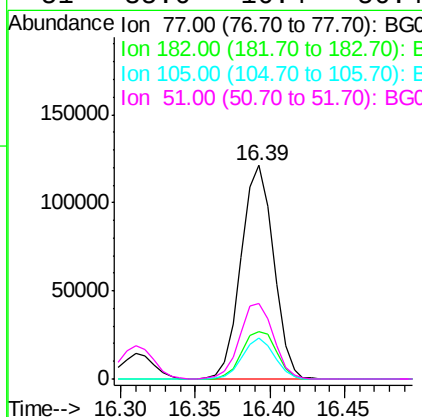
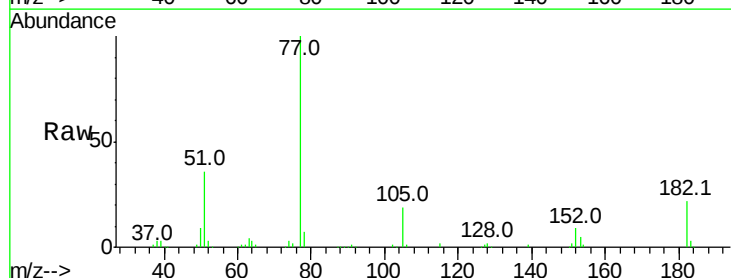
Instrument :
BNA_G
ClientSampleId :

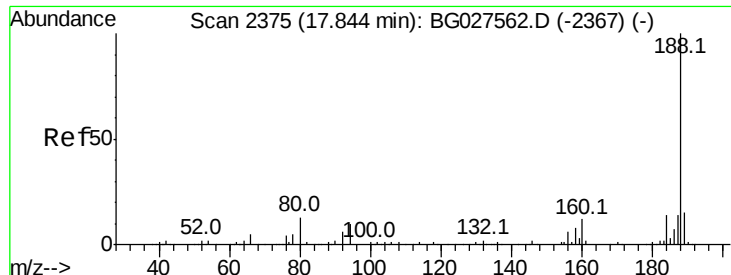
Tot Ion:138 Resp: 45117
Ion Ratio Lower Upper
138 100
92 63.1 44.2 84.2
108 120.9 104.8 144.8



#62
Azobenzene
Concen: 37.92 ng
RT: 16.39 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Tgt Ion: 77 Resp: 183549
Ion Ratio Lower Upper
77 100
182 22.4 4.7 44.7
105 19.1 0.0 36.3
51 35.6 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.82 min Scan# 2371

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampled :

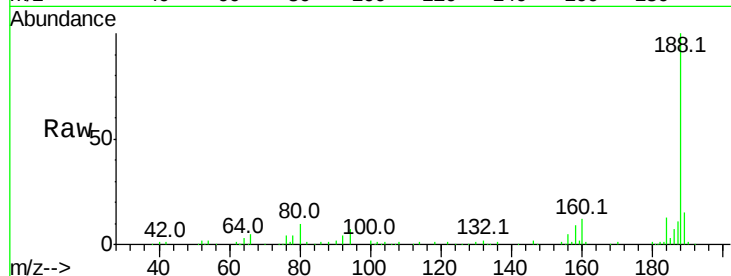
Tot Ion:188 Resp: 128186

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

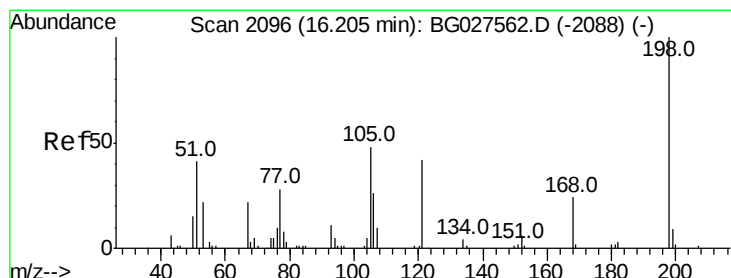
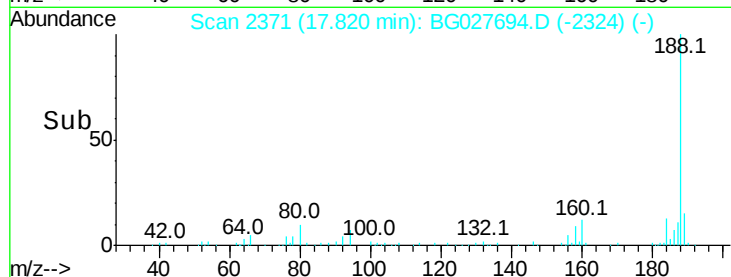
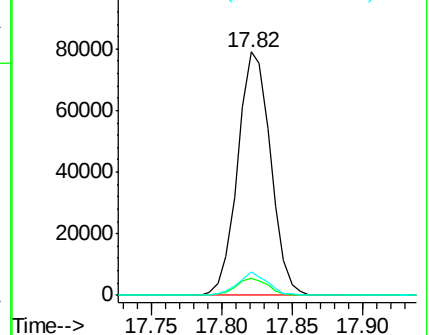
80 9.5 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 32.04 ng

RT: 16.19 min Scan# 2093

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

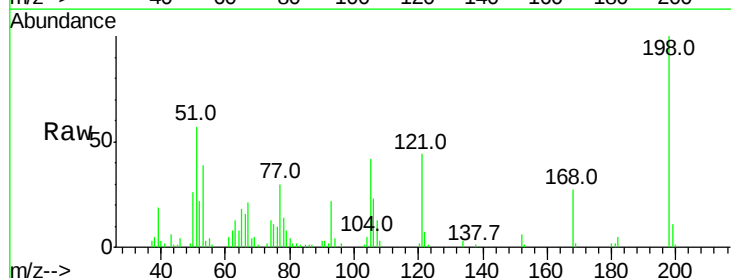
Tgt Ion:198 Resp: 26078

Ion Ratio Lower Upper

198 100

51 57.2 22.6 62.6

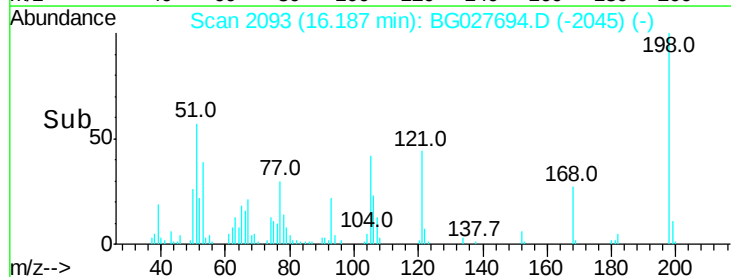
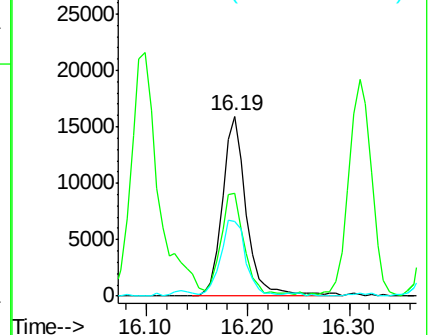
105 41.6 14.4 54.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

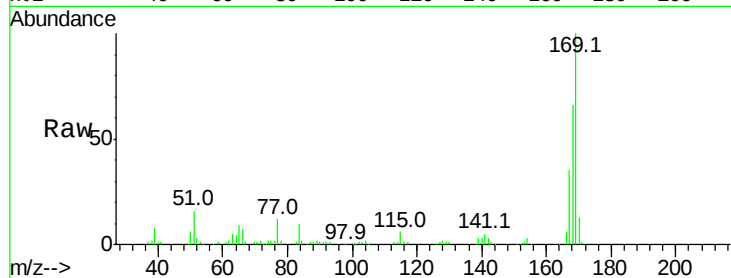




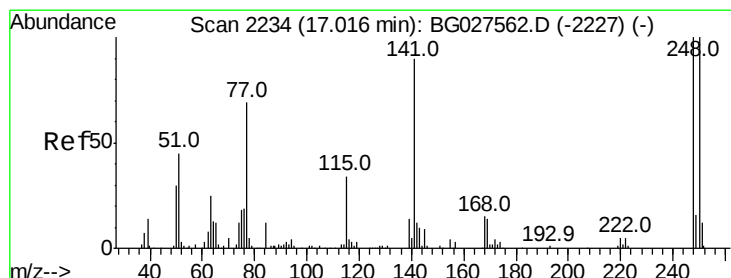
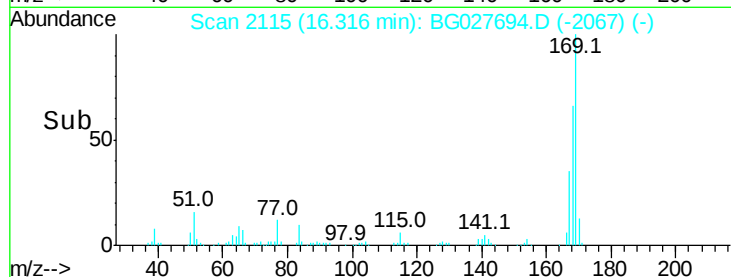
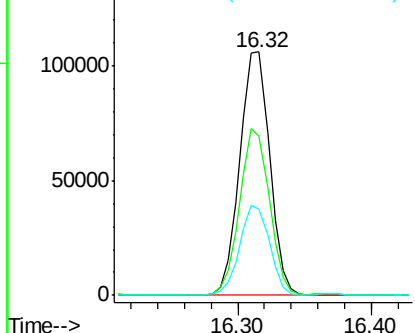
#65
n-Nitrosodiphenylamine
Concen: 42.10 ng
RT: 16.32 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:169 Resp: 165448
Ion Ratio Lower Upper
169 100
168 65.6 55.7 83.5
167 35.5 29.8 44.6

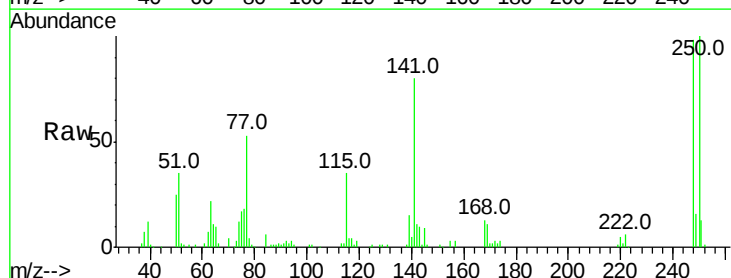


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

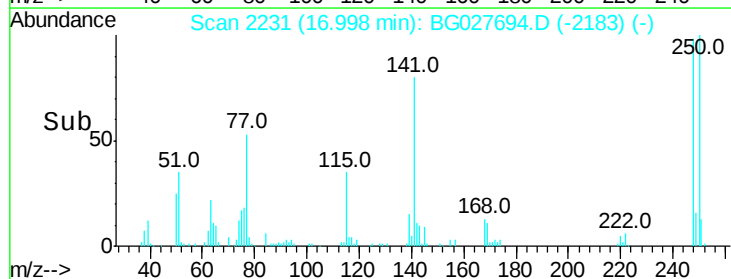
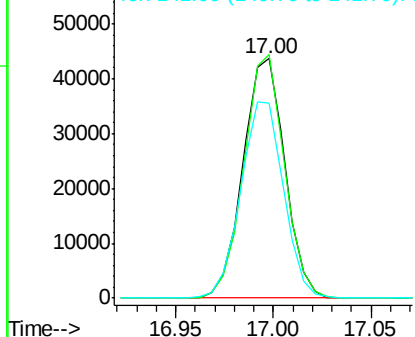


#66
4-Bromophenyl-phenylether
Concen: 45.97 ng
RT: 17.00 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Tgt Ion:248 Resp: 64815
Ion Ratio Lower Upper
248 100
250 101.6 75.0 112.6
141 81.3 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

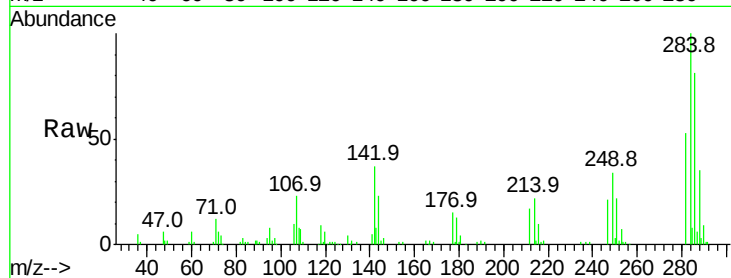




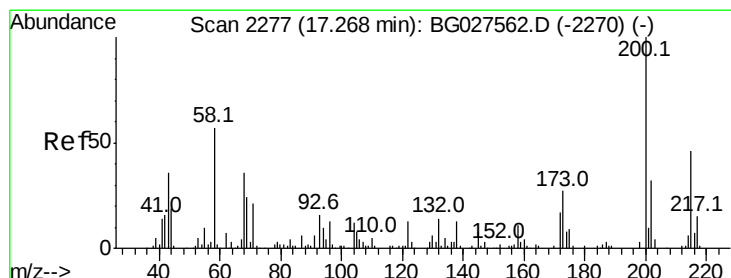
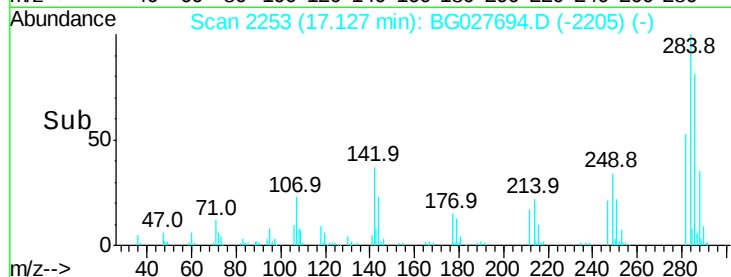
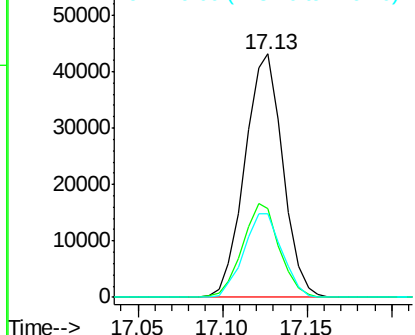
#67
Hexachlorobenzene
Concen: 44.54 ng
RT: 17.13 min Scan# 2253
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:284 Resp: 67108
Ion Ratio Lower Upper
284 100
142 36.5 29.9 44.9
249 34.4 29.2 43.8

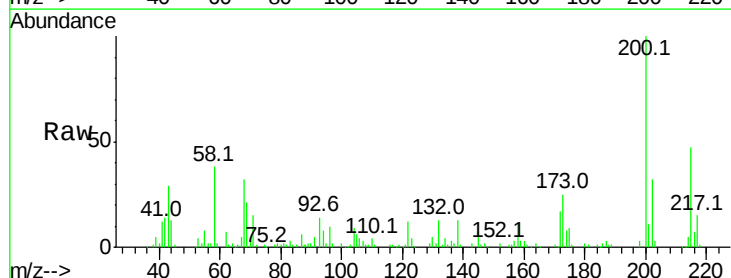


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

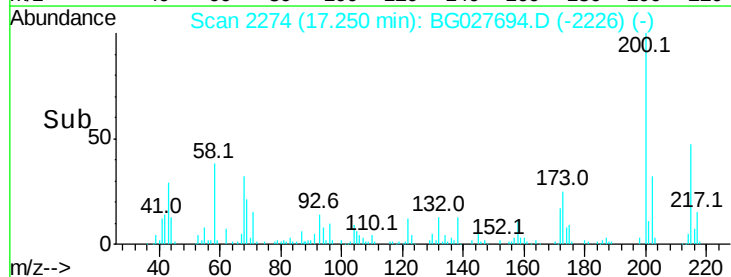
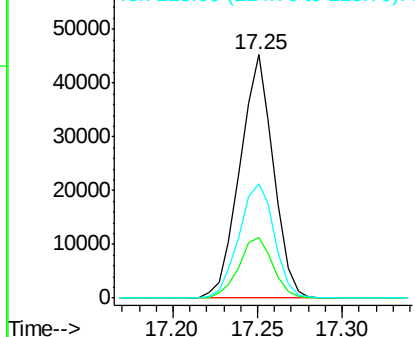


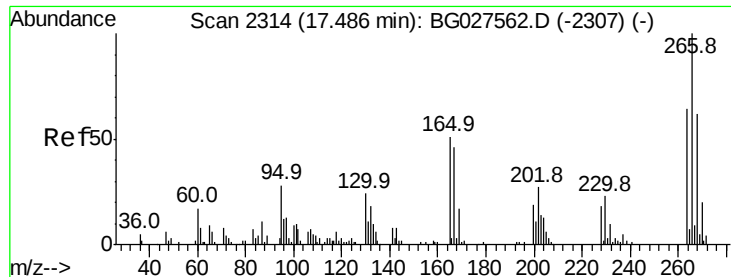
#68
Atrazine
Concen: 43.19 ng
RT: 17.25 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Tgt Ion:200 Resp: 62179
Ion Ratio Lower Upper
200 100
173 24.7 3.0 43.0
215 46.8 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

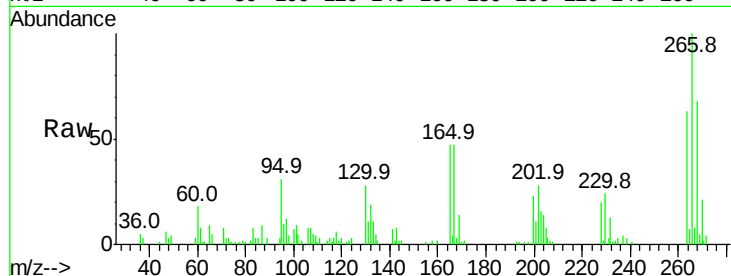




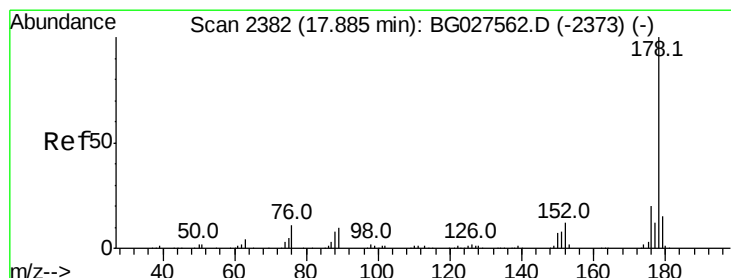
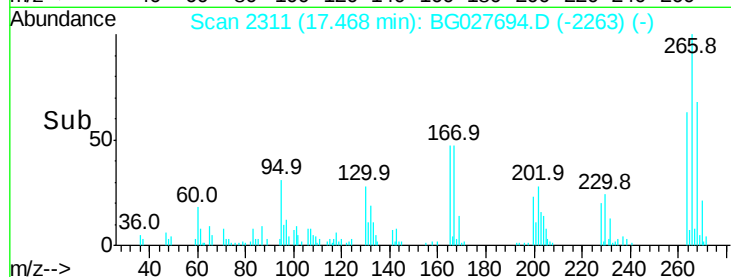
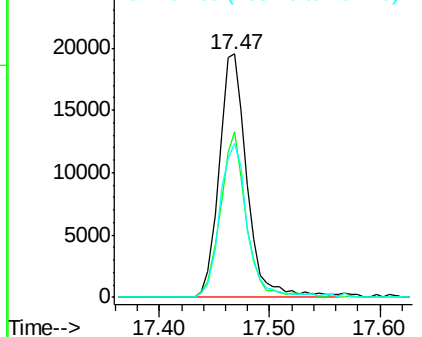
#69
 Pentachlorophenol
 Concen: 36.57 ng
 RT: 17.47 min Scan# 2311
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.2	48.6	72.8
264	63.3	50.1	75.1

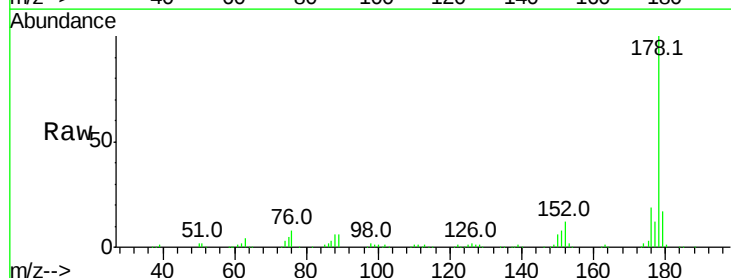


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

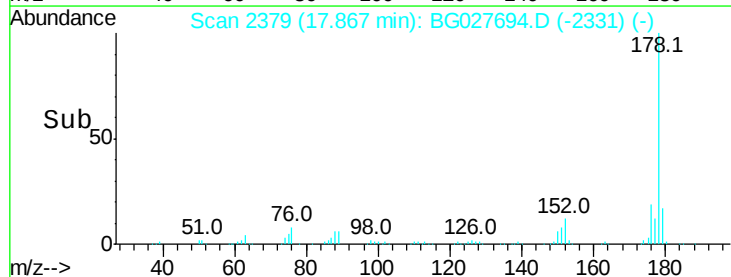
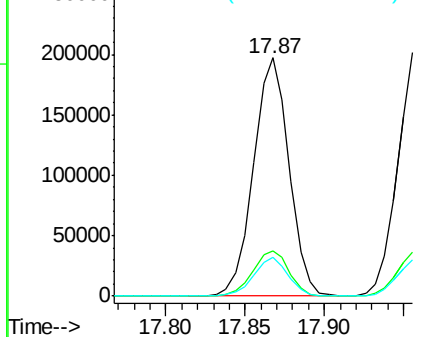


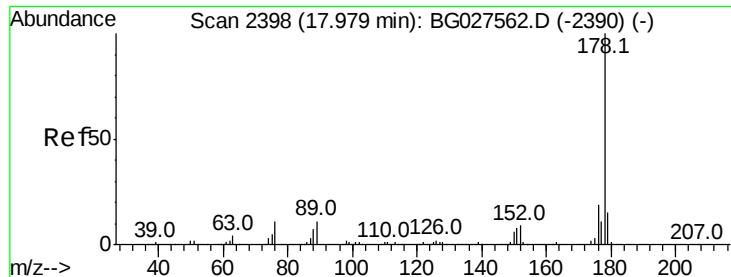
#70
 Phenanthrene
 Concen: 42.07 ng
 RT: 17.87 min Scan# 2379
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	17.7	26.5
179	16.5	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

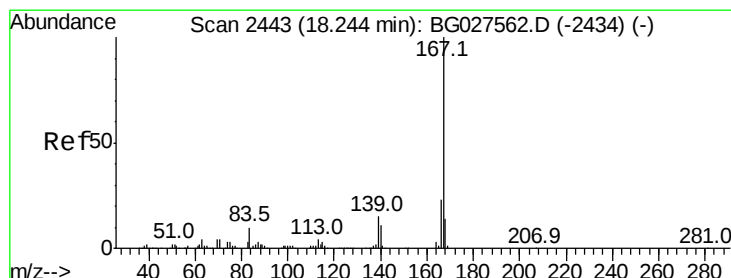
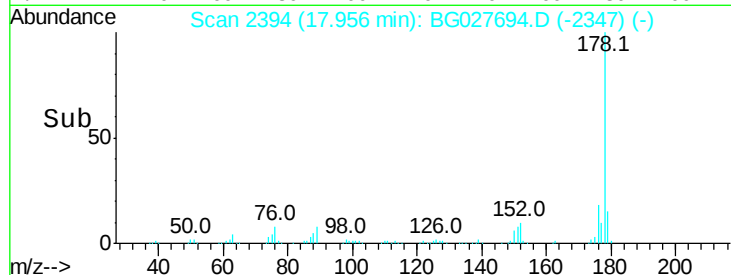
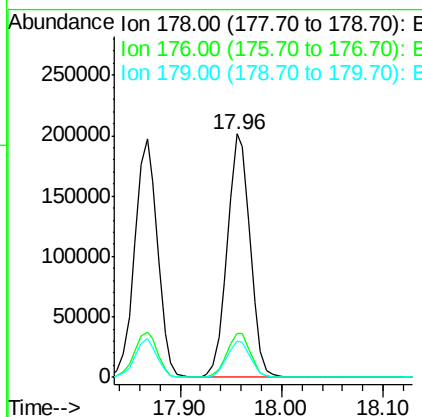
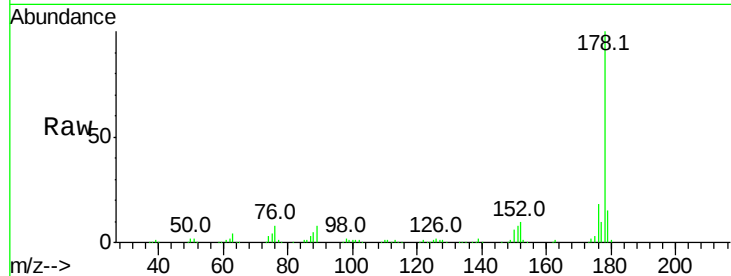




#71
 Anthracene
 Concen: 42.76 ng
 RT: 17.96 min Scan# 2394
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

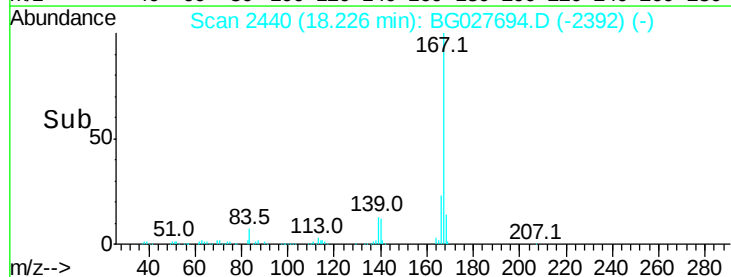
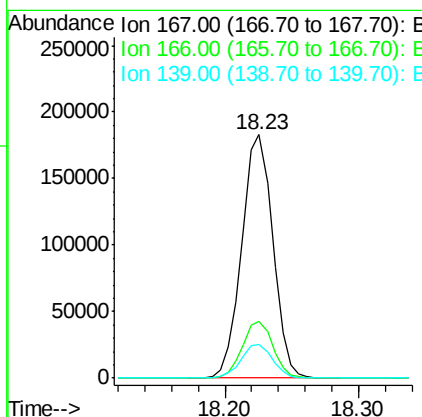
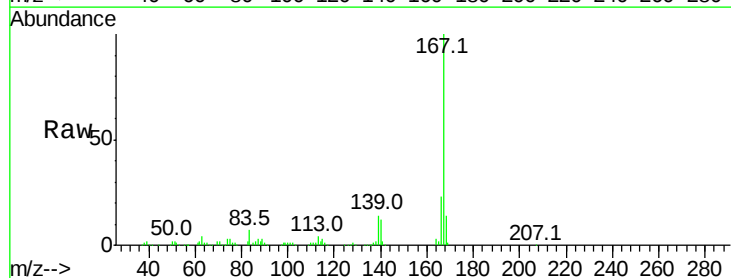
Instrument :
 BNA_G
 ClientSampleId :

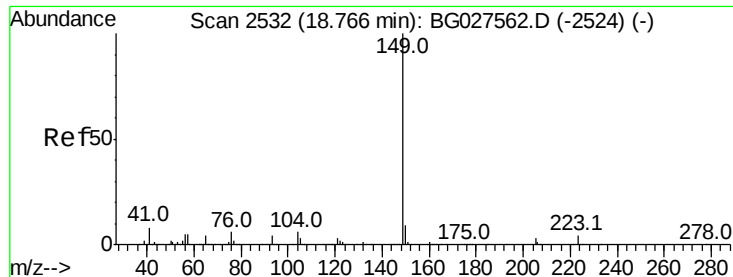
Tot Ion:178 Resp: 313970
 Ion Ratio Lower Upper
 178 100
 176 17.8 16.4 24.6
 179 14.8 13.8 20.8



#72
 Carbazole
 Concen: 41.19 ng
 RT: 18.23 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

Tgt Ion:167 Resp: 294617
 Ion Ratio Lower Upper
 167 100
 166 23.5 20.2 30.2
 139 14.1 12.8 19.2





#73

Di-n-butylphthalate

Concen: 40.45 ng

RT: 18.74 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampleId :

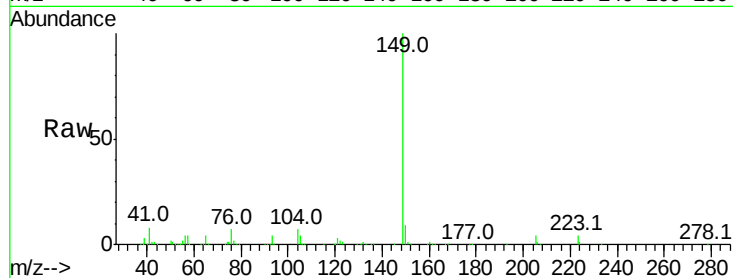
Tot Ion:149 Resp: 324179

Ion Ratio Lower Upper

149 100

150 9.0 9.1 13.7#

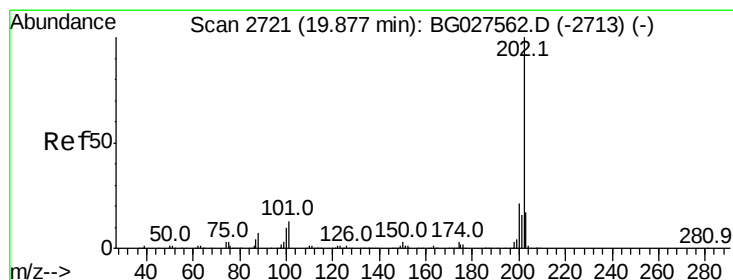
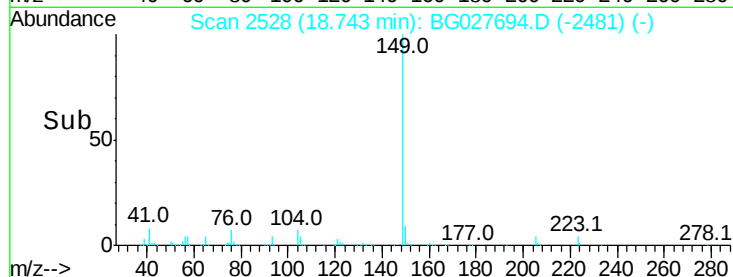
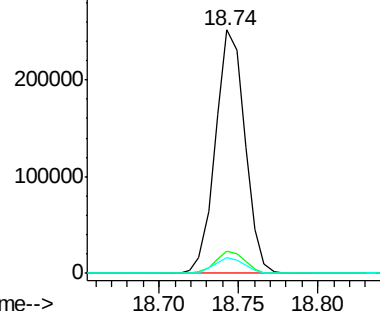
104 6.7 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.28 ng

RT: 19.86 min Scan# 2718

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

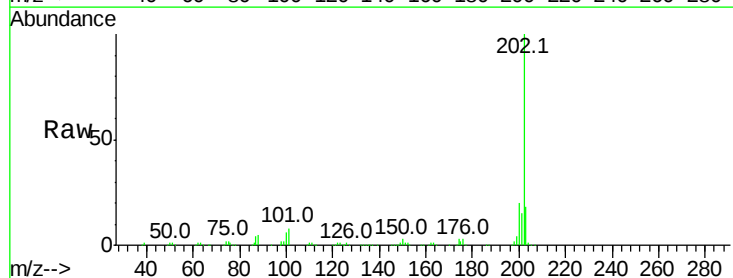
Tgt Ion:202 Resp: 376174

Ion Ratio Lower Upper

202 100

101 7.9 0.0 30.1

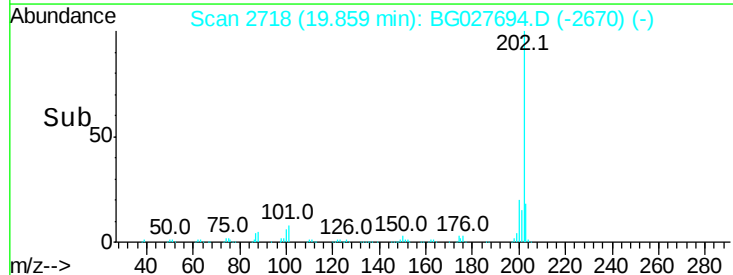
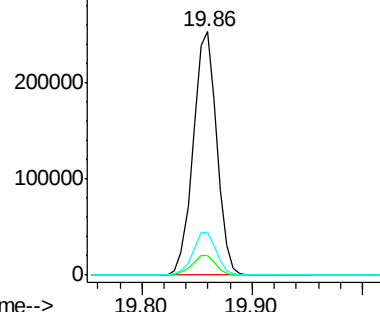
203 17.5 1.3 41.3

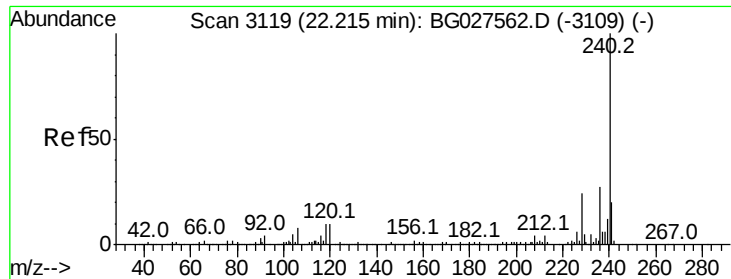


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.19 min Scan# 3115

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampleId :

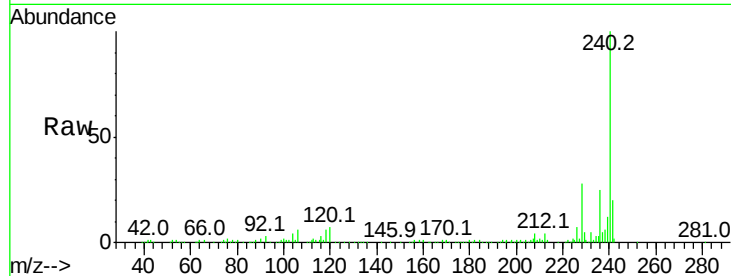
Tot Ion:240 Resp: 156934

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

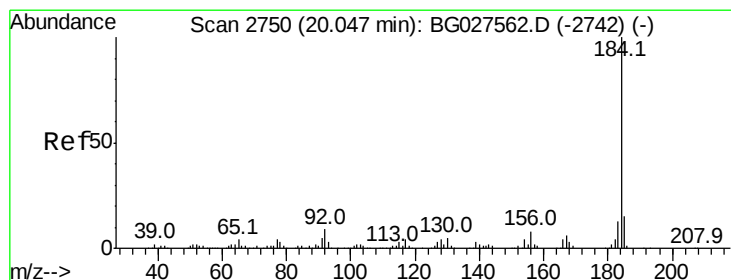
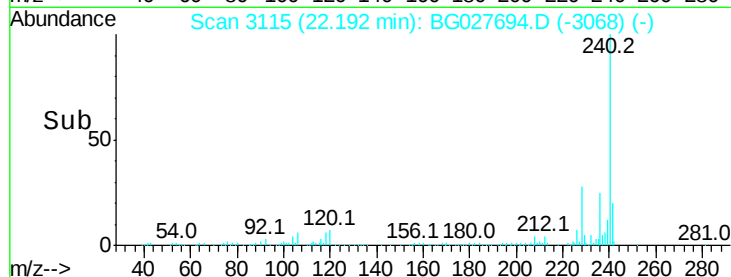
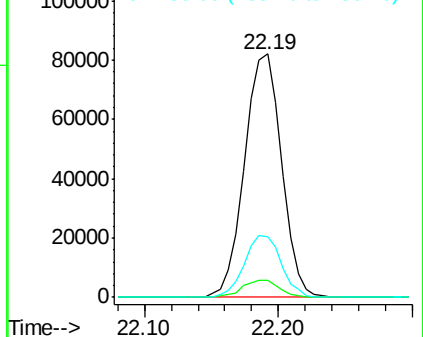
236 25.0 22.2 33.4



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: 35.23 ng

RT: 20.02 min Scan# 2746

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

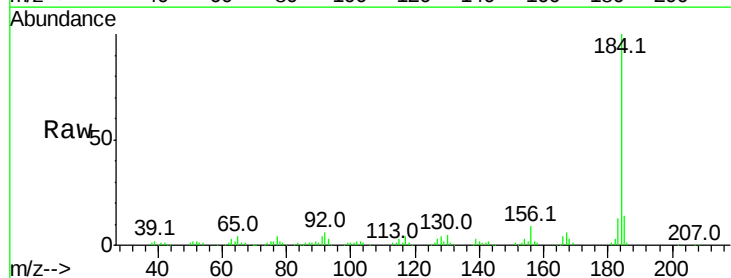
Tgt Ion:184 Resp: 135701

Ion Ratio Lower Upper

184 100

185 13.8 13.0 19.6

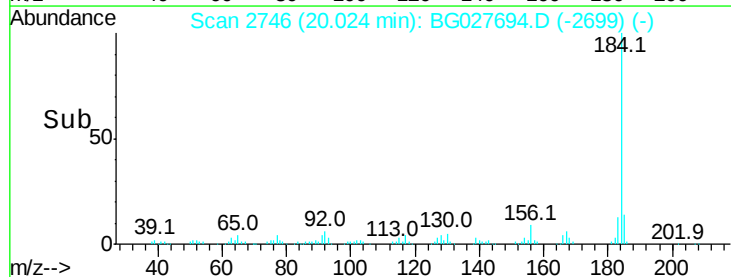
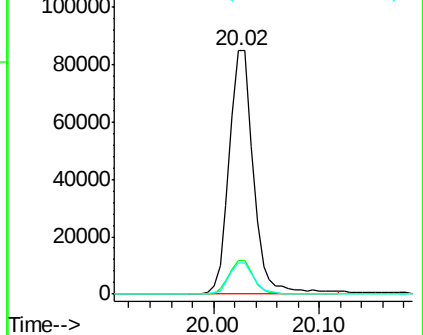
183 12.6 11.0 16.6

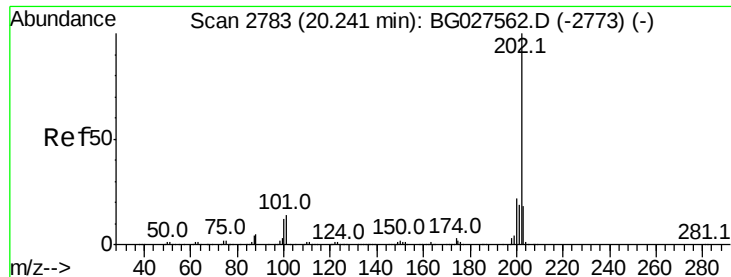


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.52 ng

RT: 20.22 min Scan# 2779

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampleId :

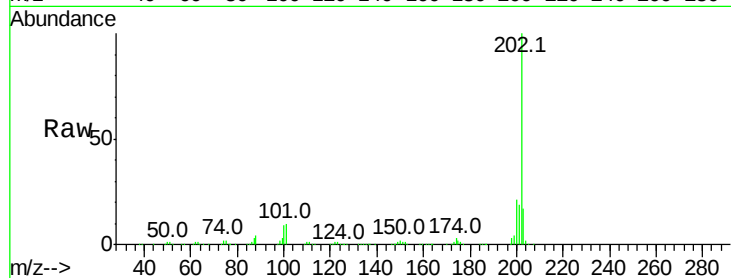
Tot Ion:202 Resp: 386596

Ion Ratio Lower Upper

202 100

200 21.1 19.6 29.4

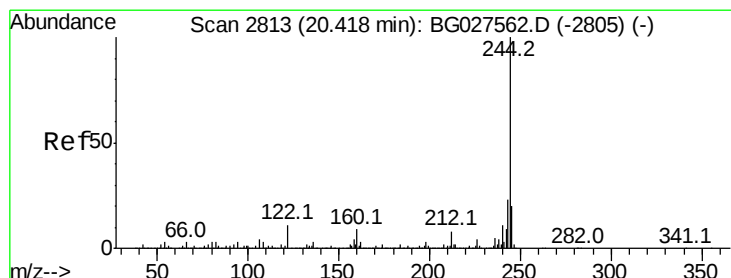
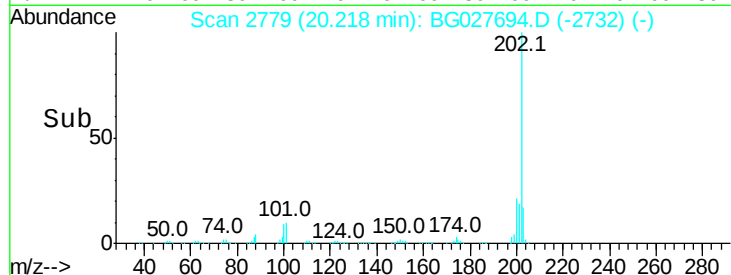
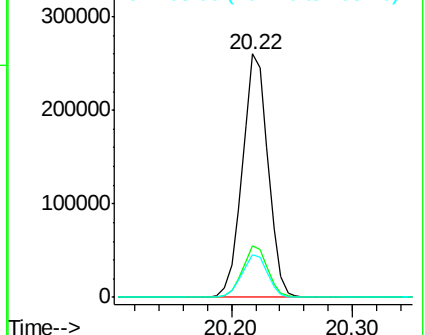
203 17.3 15.8 23.8



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: 87.25 ng

RT: 20.40 min Scan# 2810

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

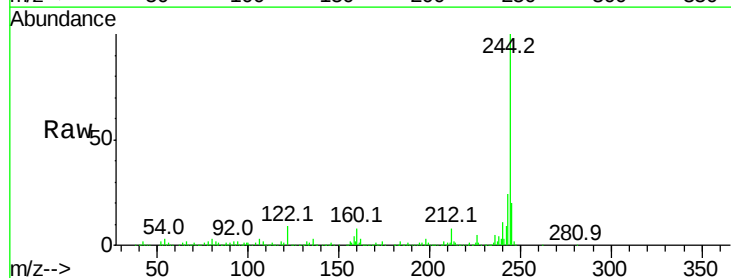
Tgt Ion:244 Resp: 581147

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

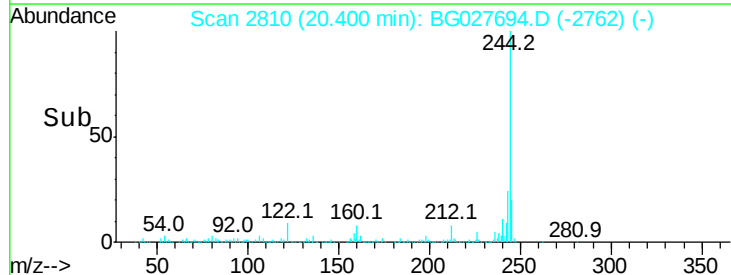
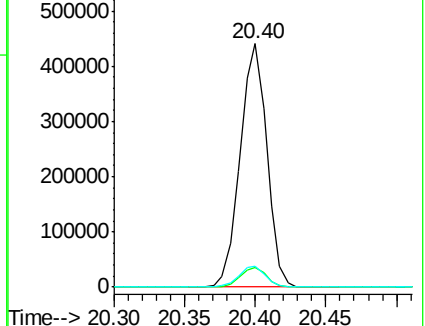
122 8.8 8.6 12.8

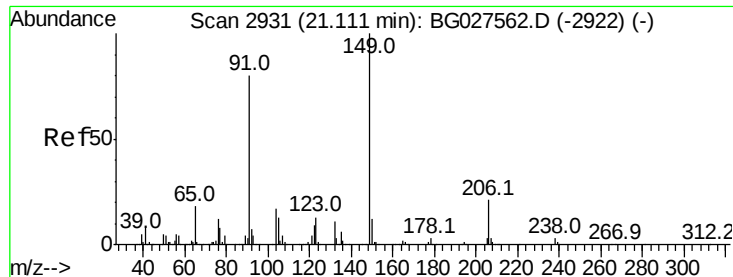


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

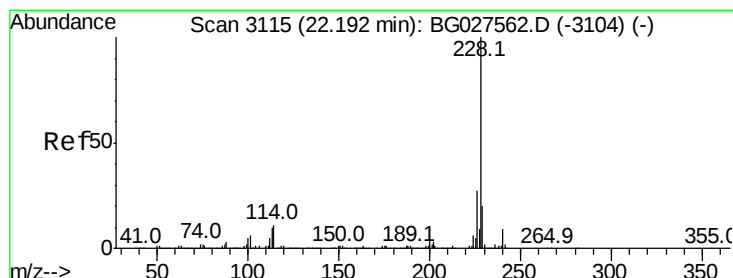
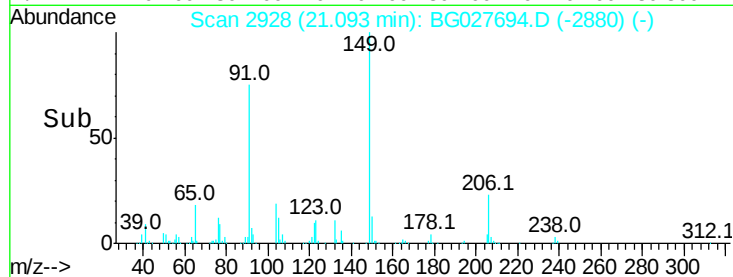
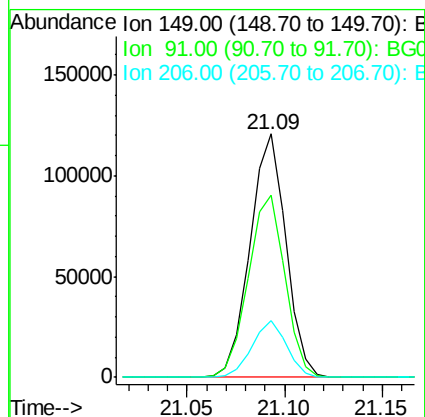
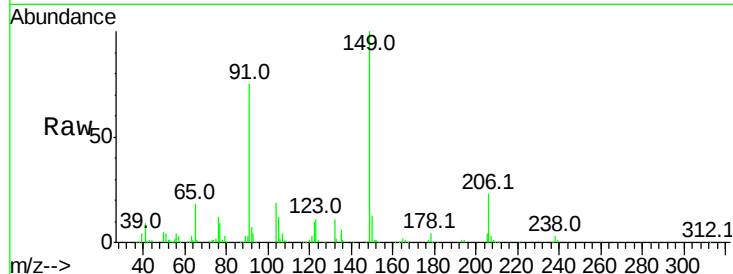




#79
Butylbenzylphthalate
Concen: 38.57 ng
RT: 21.09 min Scan# 2928
Delta R.T. -0.02 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

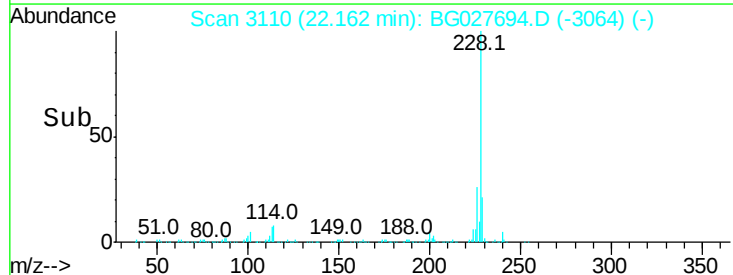
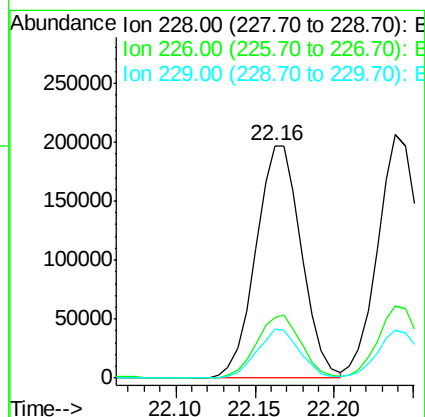
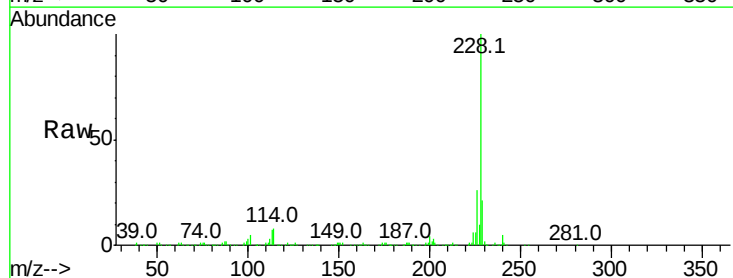
Instrument :
BNA_G
ClientSampleId :

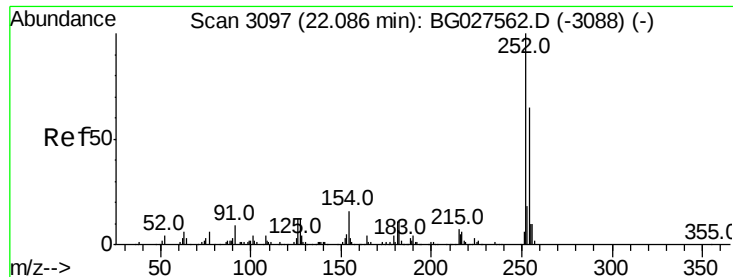
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.6	63.5	95.3
206	23.2	21.0	31.6



#80
Benzo(a)anthracene
Concen: 41.63 ng
RT: 22.16 min Scan# 3110
Delta R.T. -0.03 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	24.9	37.3
229	20.9	18.2	27.2

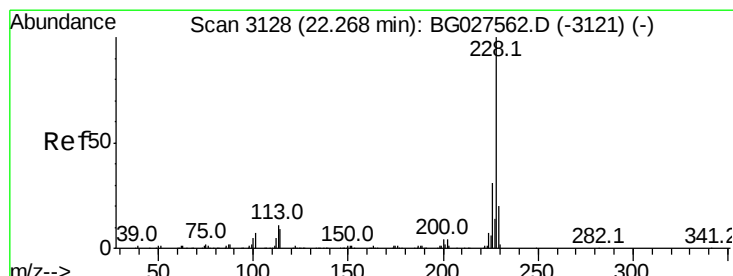
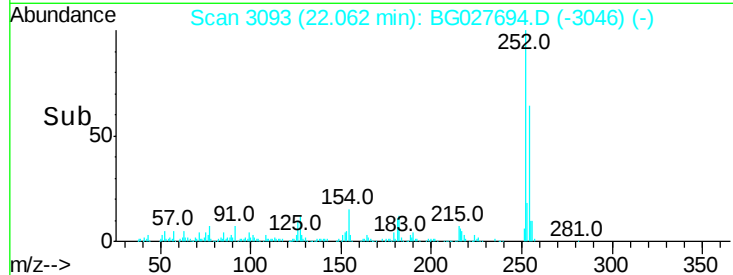
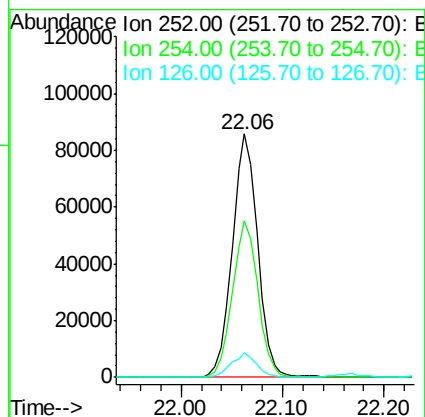
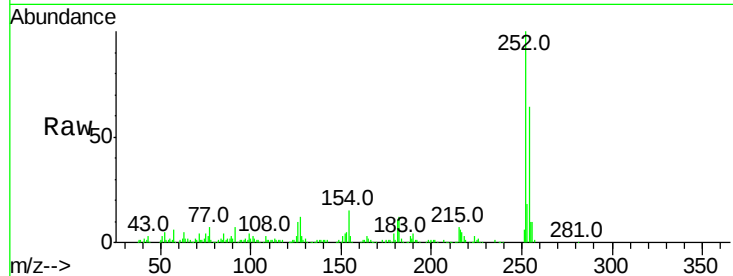




#81
 3,3'-Dichlorobenzidine
 Concen: 43.71 ng
 RT: 22.06 min Scan# 3093
 Delta R.T. -0.02 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

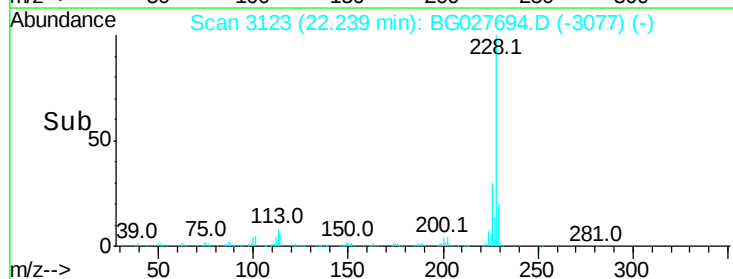
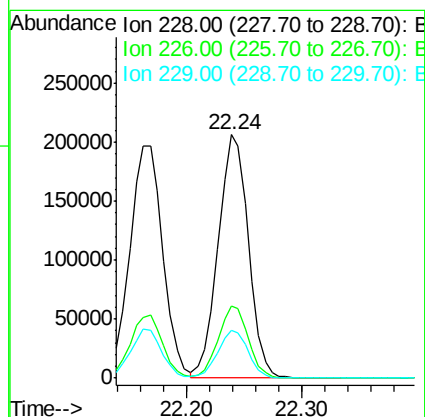
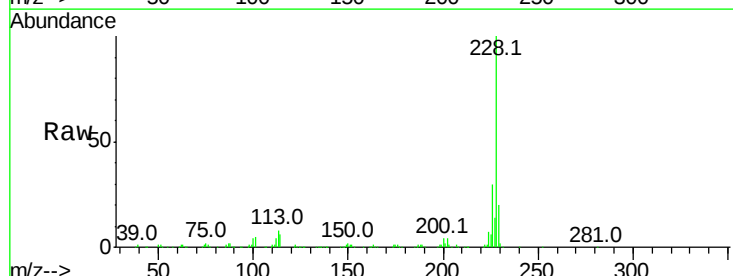
Instrument :
 BNA_G
 ClientSampled :

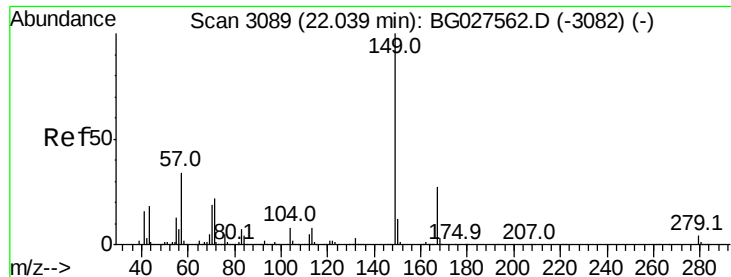
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	53.1	79.7
126	10.0	7.0	10.4



#82
 Chrysene
 Concen: 41.77 ng
 RT: 22.24 min Scan# 3123
 Delta R.T. -0.03 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	27.0	40.4
229	19.6	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.48 ng

RT: 22.02 min Scan# 3085

Delta R.T. -0.02 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampleId :

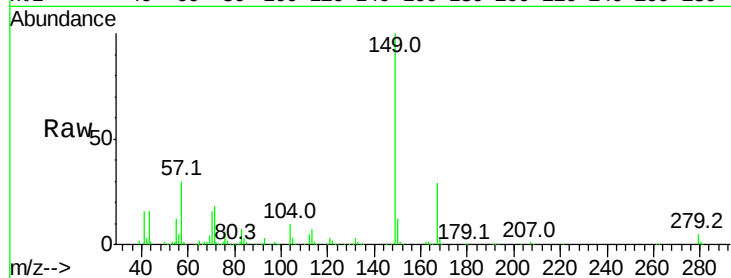
Tot Ion:149 Resp: 224588

Ion Ratio Lower Upper

149 100

167 29.0 23.7 35.5

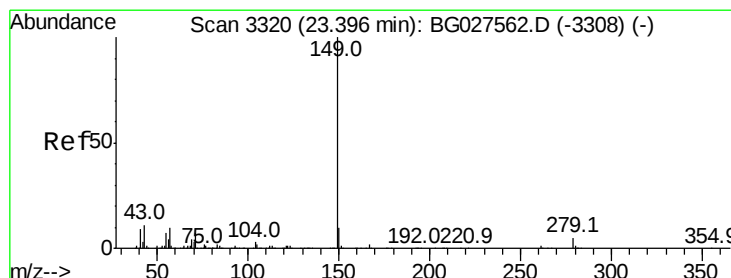
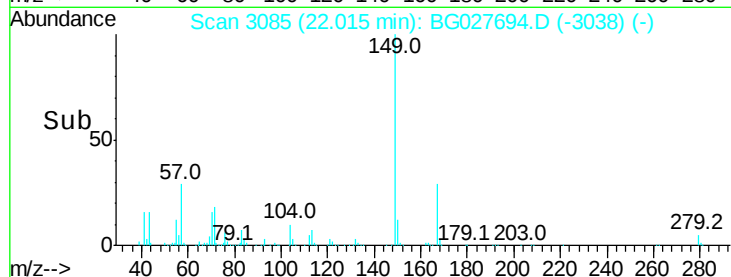
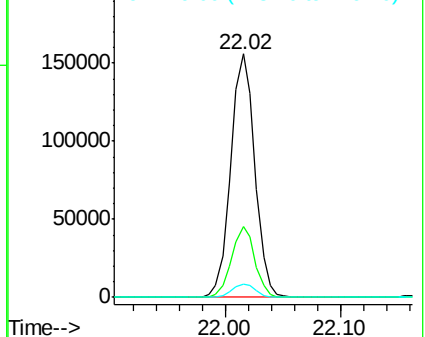
279 5.2 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.11 ng

RT: 23.36 min Scan# 3314

Delta R.T. -0.04 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

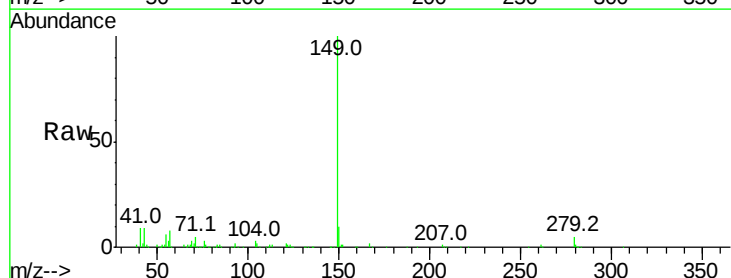
Tgt Ion:149 Resp: 379706

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

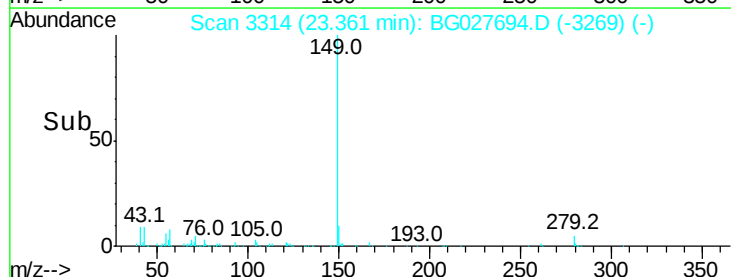
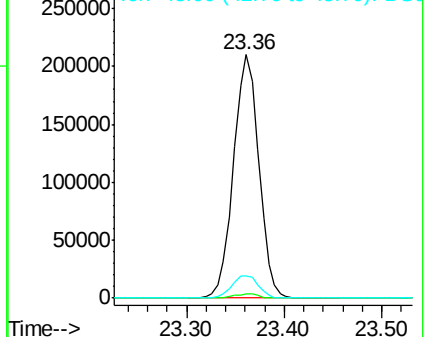
43 10.0 11.8 17.6#

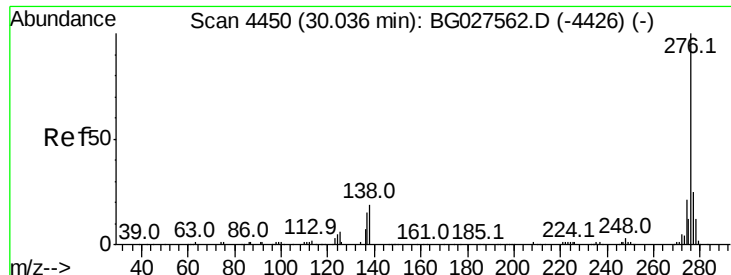


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

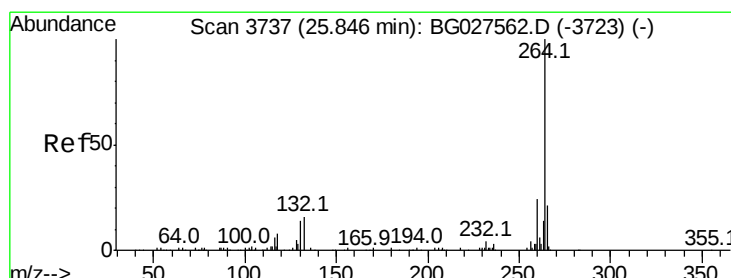
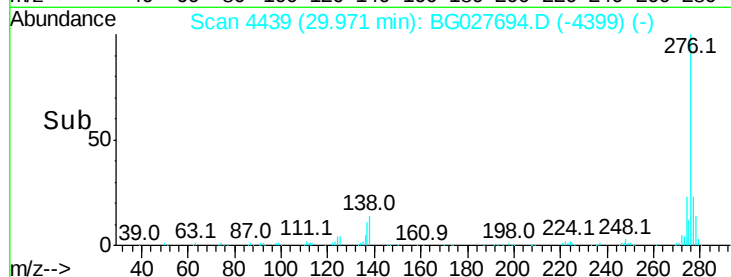
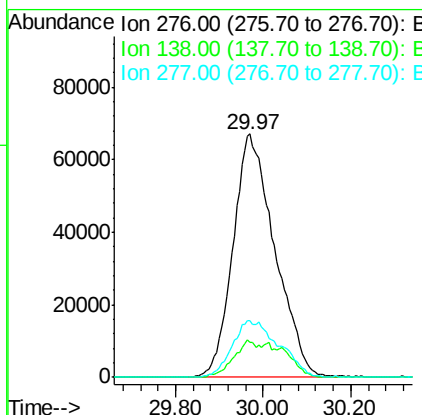
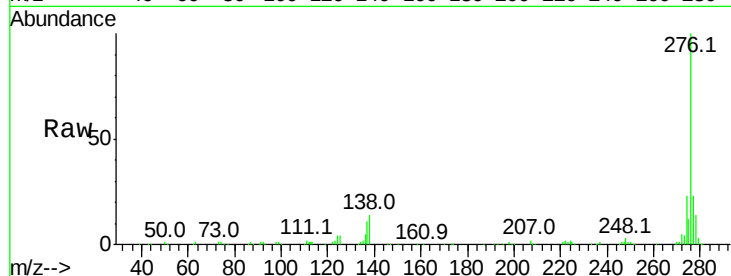




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.87 ng
RT: 29.97 min Scan# 4439
Delta R.T. -0.06 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

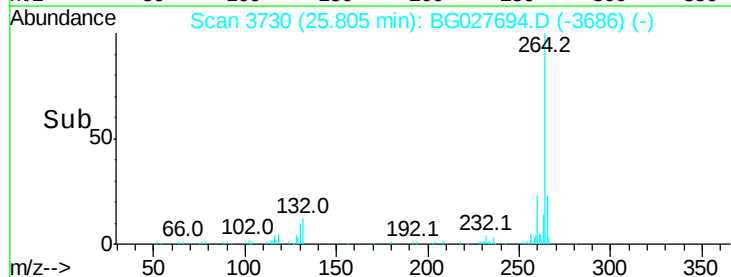
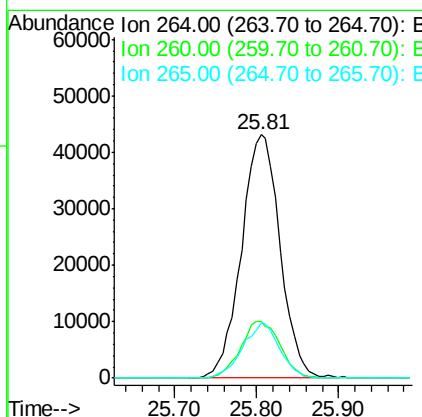
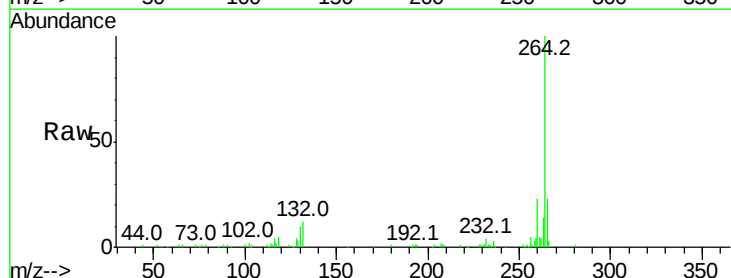
Instrument :
BNA_G
ClientSampleId :

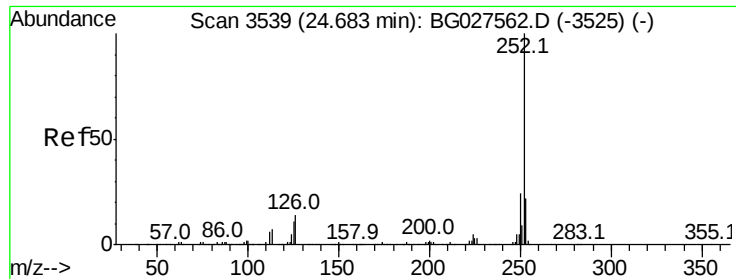
Tot Ion:276 Resp: 435852
Ion Ratio Lower Upper
276 100
138 9.3 4.7 7.1#
277 26.2 20.6 31.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.81 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Tgt Ion:264 Resp: 141145
Ion Ratio Lower Upper
264 100
260 23.3 21.8 32.8
265 22.6 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 44.28 ng

RT: 24.65 min Scan# 3533

Delta R.T. -0.04 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

Instrument :

BNA_G

ClientSampleId :

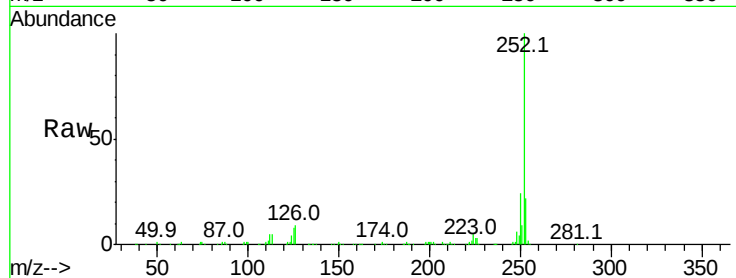
Tot Ion:252 Resp: 399613

Ion Ratio Lower Upper

252 100

253 22.4 18.7 28.1

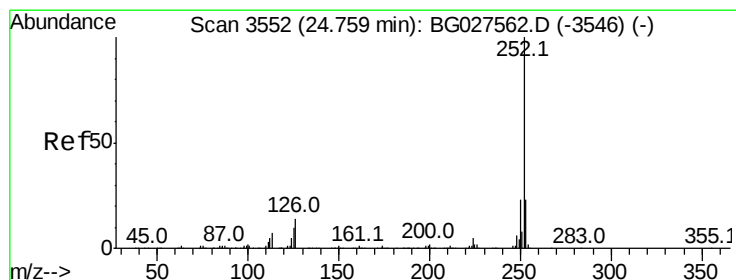
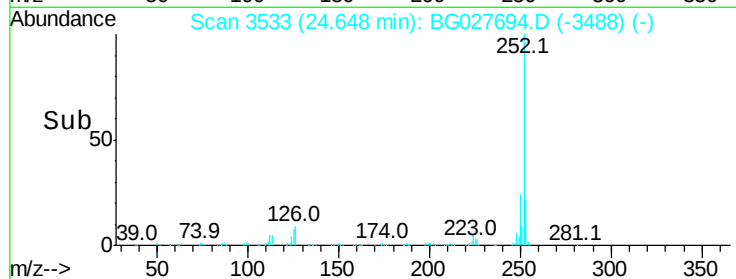
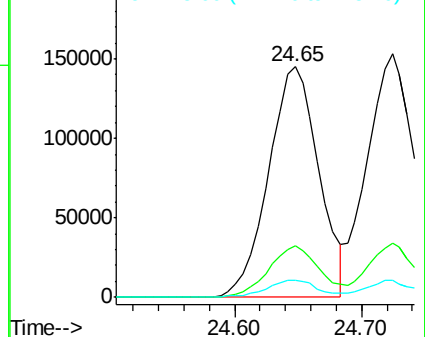
125 7.5 5.3 7.9



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: 45.39 ng

RT: 24.72 min Scan# 3546

Delta R.T. -0.04 min

Lab File: BG027694.D

Acq: 27 Jun 2017 9:17

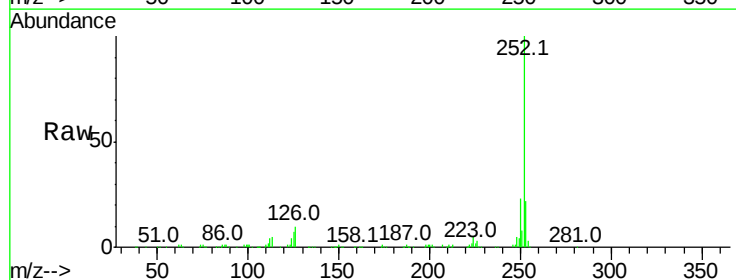
Tgt Ion:252 Resp: 400752

Ion Ratio Lower Upper

252 100

253 22.4 20.2 30.2

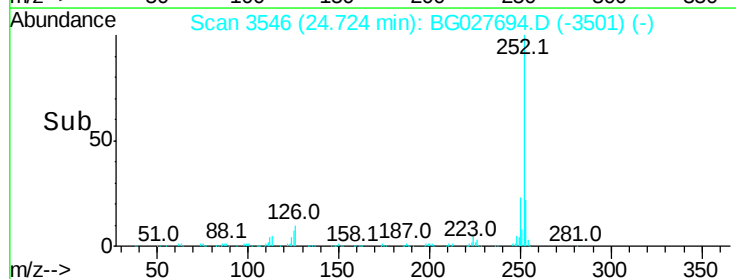
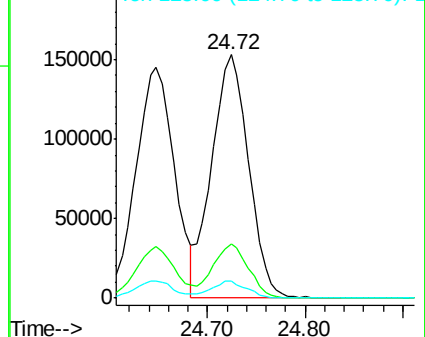
125 6.8 5.1 7.7

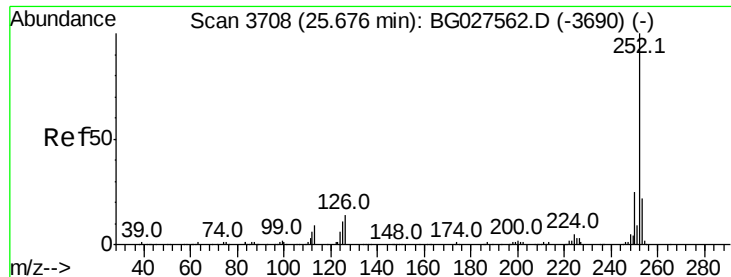


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

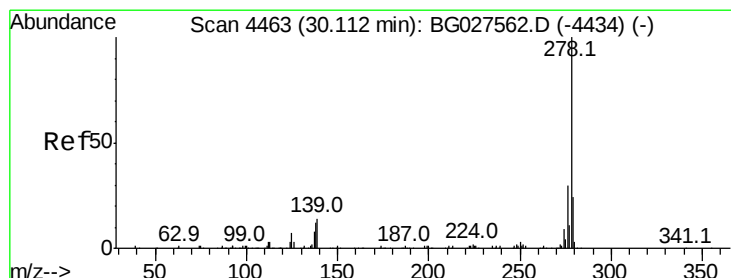
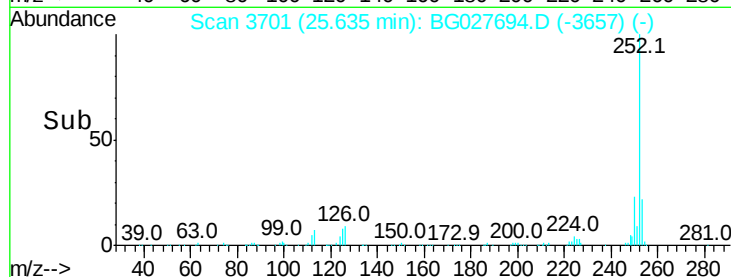
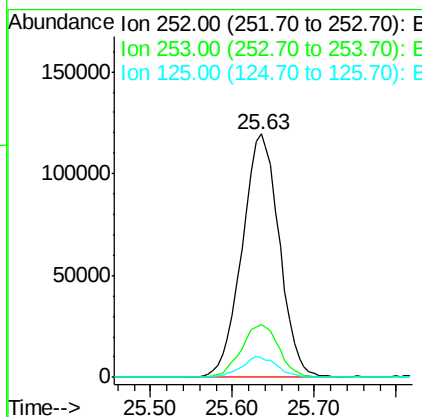
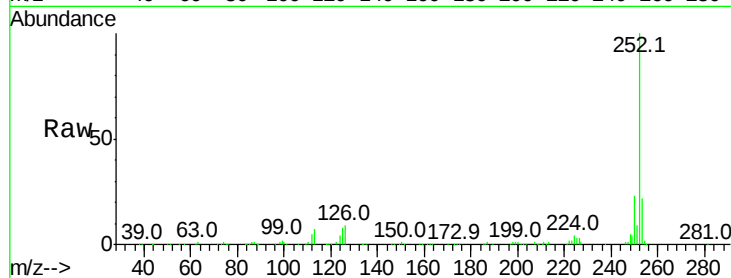




#89
Benzo(a)pyrene
Concen: 44.37 ng
RT: 25.63 min Scan# 3701
Delta R.T. -0.04 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

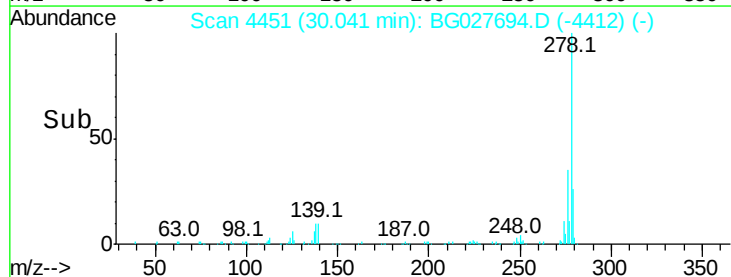
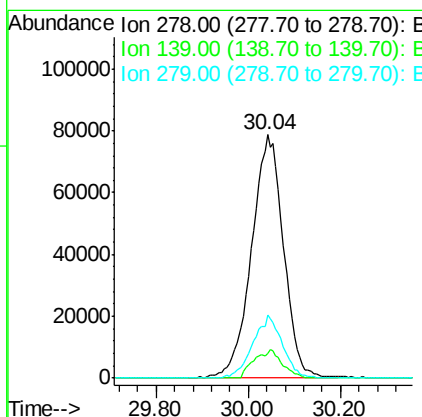
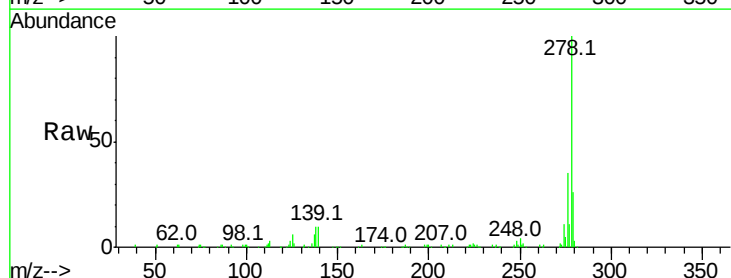
Instrument :
BNA_G
ClientSampleId :

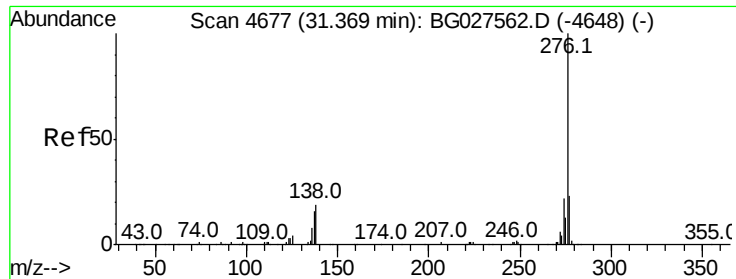
Tot Ion:252 Resp: 377922
Ion Ratio Lower Upper
252 100
253 21.6 19.2 28.8
125 8.0 5.4 8.0



#90
Dibenzo(a,h)anthracene
Concen: 43.65 ng
RT: 30.04 min Scan# 4451
Delta R.T. -0.07 min
Lab File: BG027694.D
Acq: 27 Jun 2017 9:17

Tgt Ion:278 Resp: 378622
Ion Ratio Lower Upper
278 100
139 10.4 7.7 11.5
279 25.7 19.1 28.7

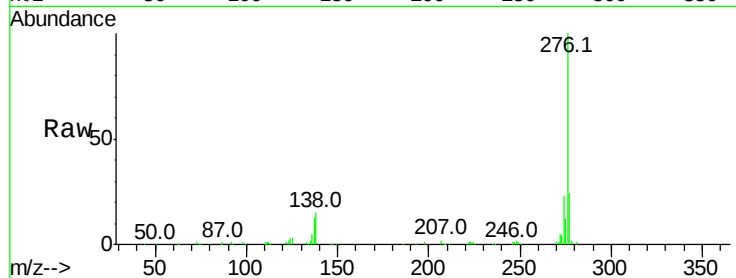




#91
 Benzo(a,h,i)perylene
 Concen: 43.33 ng
 RT: 31.29 min Scan# 4664
 Delta R.T. -0.08 min
 Lab File: BG027694.D
 Acq: 27 Jun 2017 9:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	14.8	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

