

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062417\
 Data File : BG027666.D
 Acq On : 24 Jun 2017 19:28
 Operator : SJ/JU
 Sample : I3849-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 26 04:21:09 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	8.51	152	19322	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	89904	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	58915	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	151359	20.00	ng	0.00
75) Chrysene-d12	22.21	240	175872	20.00	ng	0.00
86) Perylene-d12	25.84	264	157724	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	203409	149.83	ng	0.00
7) Phenol-d6	7.65	99	292880	145.72	ng	0.00
23) Nitrobenzene-d5	9.67	82	183899	96.79	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	136996	155.97	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	395964	91.81	ng	0.00
78) Terphenyl-d14	20.42	244	712099	95.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	4.09	88	16533	31.37	ng	92
3) Pyridine	4.47	79	55592	32.58	ng	82
4) n-Nitrosodimethylamine	4.38	42	35832	46.01	ng	# 88
6) Aniline	7.83	93	60508	24.67	ng	93
8) 2-Chlorophenol	8.07	128	75006	52.21	ng	91
9) Benzaldehyde	7.65	77	45345	33.20	ng	98
10) Phenol	7.68	94	105701	51.63	ng	96
11) bis(2-Chloroethyl)ether	7.91	93	64754	40.41	ng	89
12) 1,3-Dichlorobenzene	8.40	146	66349	43.75	ng	97
13) 1,4-Dichlorobenzene	8.54	146	69434	45.35	ng	99
14) 1,2-Dichlorobenzene	8.86	146	67149	44.64	ng	95
15) Benzyl Alcohol	8.74	79	78506	48.92	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.01	45	90945	34.20	ng	85
17) 2-Methylphenol	8.93	107	68418	47.49	ng	95
18) Hexachloroethane	9.59	117	27176	45.27	ng	89
19) n-Nitroso-di-n-propylamine	9.29	70	64267	40.26	ng	86
20) 3+4-Methylphenols	9.25	107	93748	47.53	ng	98
22) Acetophenone	9.32	105	116786	47.37	ng	# 89
24) Nitrobenzene	9.71	77	95216	45.72	ng	94
25) Isophorone	10.23	82	171514	43.94	ng	97
26) 2-Nitrophenol	10.43	139	39759	51.61	ng	95
27) 2,4-Dimethylphenol	10.46	122	78657	54.07	ng	92
28) bis(2-Chloroethoxy)methane	10.70	93	98661	44.84	ng	98
29) 2,4-Dichlorophenol	10.96	162	75092	59.76	ng	95
30) 1,2,4-Trichlorobenzene	11.18	180	72499	50.47	ng	96
31) Naphthalene	11.37	128	228733	47.07	ng	99
32) Benzoic acid	10.46	122	78657	71.33	ng	# 10
33) 4-Chloroaniline	11.47	127	23681	11.49	ng	92
34) Hexachlorobutadiene	11.64	225	46868	53.99	ng	95
35) Caprolactam	12.26	113	28337	48.39	ng	# 70
36) 4-Chloro-3-methylphenol	12.56	107	104477	54.22	ng	98
37) 2-Methylnaphthalene	12.94	142	173722	49.19	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	93211	50.45	ng	98
40) Hexachlorocyclopentadiene	13.28	237	84327	85.15	ng	99

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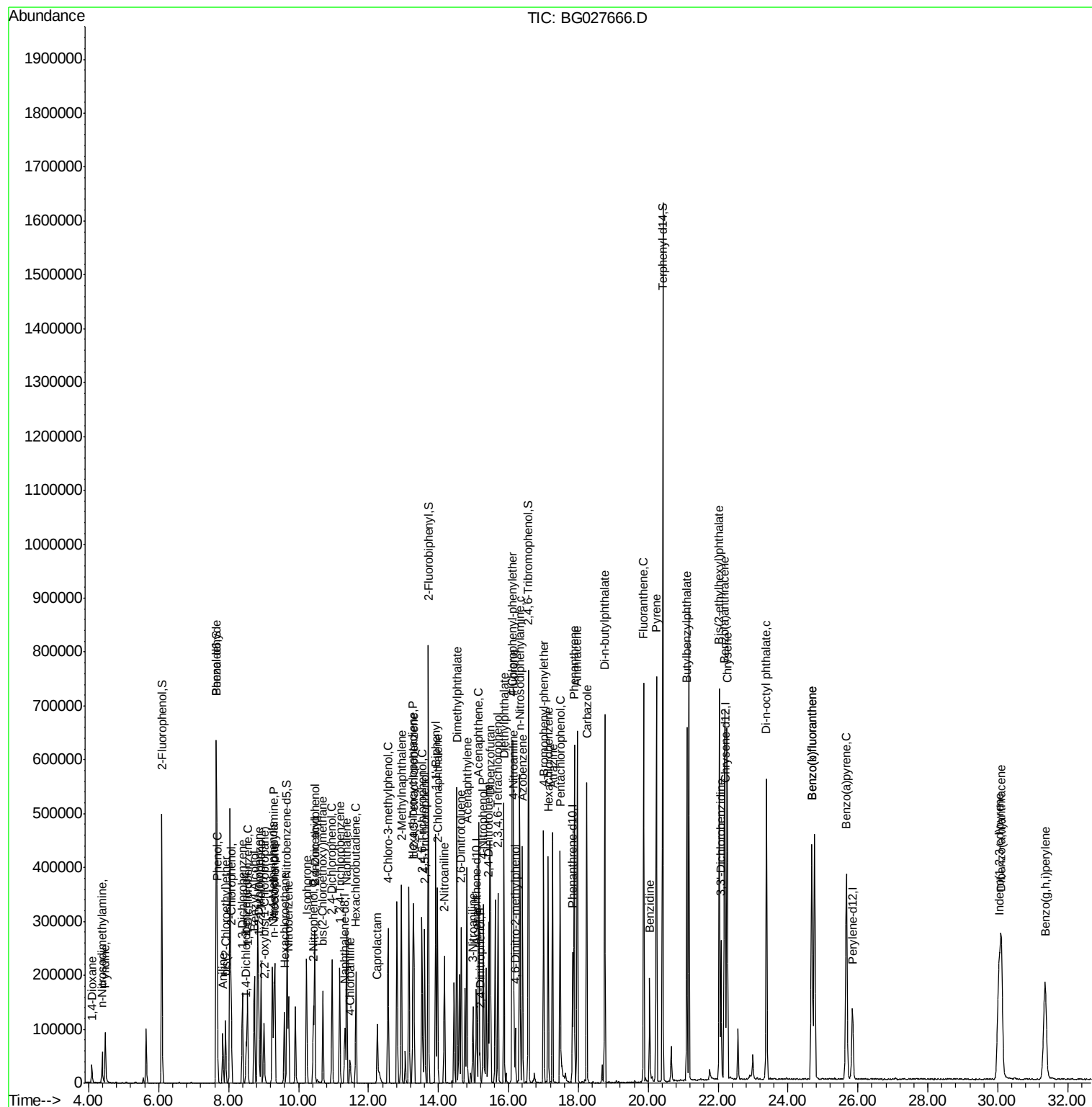
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	67424	56.48	nq	96
43) 2,4,5-Trichlorophenol	13.61	196	71710	51.12	nq	98
45) 1,1'-Biphenyl	13.92	154	238544	48.56	nq	96
46) 2-Chloronaphthalene	13.98	162	175649	48.08	nq	95
47) 2-Nitroaniline	14.17	65	79808	48.66	nq	94
48) Acenaphthylene	14.82	152	290759	45.42	nq	97
49) Dimethylphthalate	14.53	163	338684	65.66	nq	96
50) 2,6-Dinitrotoluene	14.65	165	58080	51.89	nq	94
51) Acenaphthene	15.15	154	191511	42.93	nq	99
52) 3-Nitroaniline	14.99	138	32061	27.14	nq	87
53) 2,4-Dinitrophenol	15.19	184	10420	16.47	nq	# 68
54) Dibenzofuran	15.49	168	292177	50.29	nq	98
55) 4-Nitrophenol	15.29	139	83364	84.27	nq	# 85
56) 2,4-Dinitrotoluene	15.44	165	81548	51.38	nq	# 94
57) Fluorene	16.13	166	254180	46.19	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.70	232	71240	57.67	nq	92
59) Diethylphthalate	15.87	149	277520	49.30	nq	96
60) 4-Chlorophenyl-phenylether	16.11	204	134202	49.56	nq	93
61) 4-Nitroaniline	16.15	138	60224	46.46	nq	92
62) Azobenzene	16.40	77	266768	46.22	nq	96
64) 4,6-Dinitro-2-methylphenol	16.20	198	20552	21.38	nq	84
65) n-Nitrosodiphenylamine	16.33	169	225230	48.54	nq	98
66) 4-Bromophenyl-phenylether	17.01	248	86981	52.25	nq	# 86
67) Hexachlorobenzene	17.14	284	87122	48.97	nq	97
68) Atrazine	17.27	200	89604	52.72	nq	98
69) Pentachlorophenol	17.48	266	88804	80.36	nq	97
70) Phenanthrene	17.88	178	407571	47.33	nq	93
71) Anthracene	17.97	178	411134	47.42	nq	97
72) Carbazole	18.24	167	364153	43.12	nq	94
73) Di-n-butylphthalate	18.76	149	456021	48.19	nq	# 95
74) Fluoranthene	19.88	202	480632	47.91	nq	95
76) Benzidine	20.04	184	118310	27.41	nq	97
77) Pyrene	20.23	202	494256	46.23	nq	95
79) Butylbenzylphthalate	21.11	149	211536	47.41	nq	94
80) Benzo(a)anthracene	22.19	228	496776	47.08	nq	94
81) 3,3'-Dichlorobenzidine	22.08	252	98558	25.83	nq	99
82) Chrysene	22.26	228	453673	45.37	nq	93
83) Bis(2-ethylhexyl)phthalate	22.03	149	306383	46.84	nq	98
84) Di-n-octyl phthalate	23.38	149	525603	48.31	nq	# 89
85) Indeno(1,2,3-cd)pyrene	30.03	276	541908	47.56	nq	# 67
87) Benzo(b)fluoranthene	24.68	252	497566	49.34	nq	95
88) Benzo(k)fluoranthene	24.68	252	497566	50.43	nq	92
89) Benzo(a)pyrene	25.68	252	474088	49.81	nq	# 95
90) Dibenzo(a,h)anthracene	30.11	278	464997	47.97	nq	# 97
91) Benzo(g,h,i)perylene	31.36	276	435906	46.30	nq	# 94

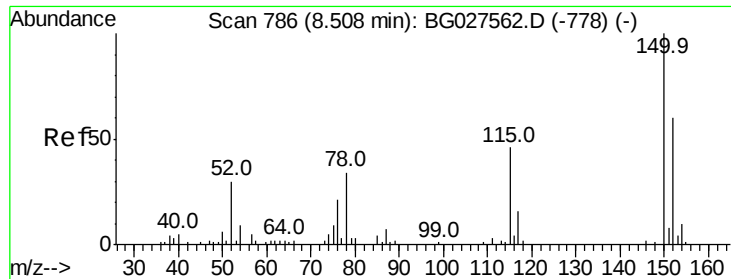
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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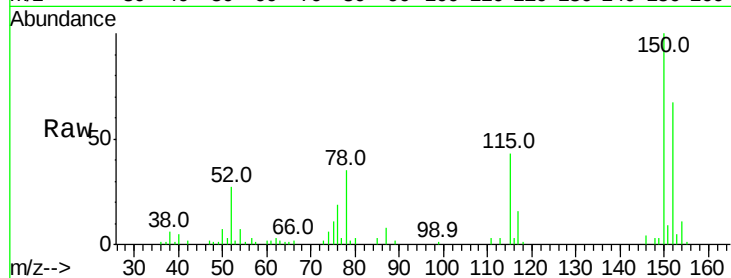


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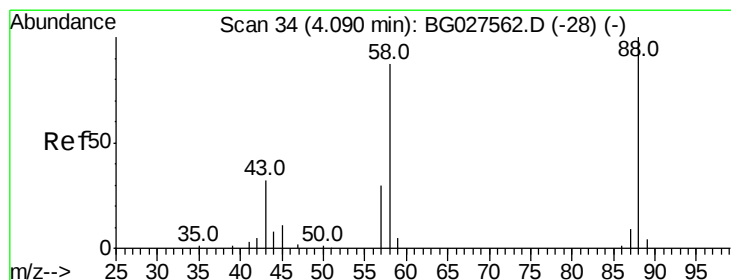
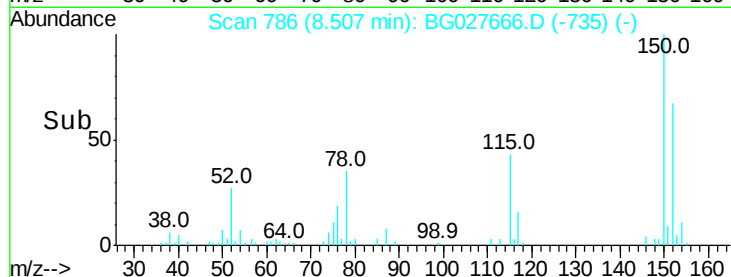
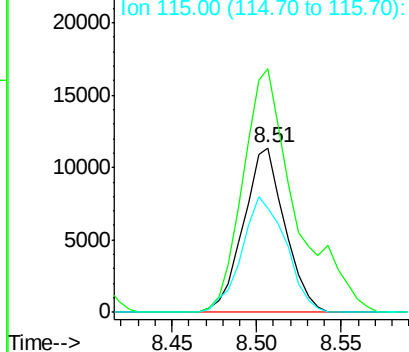
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 19322
Ion Ratio Lower Upper
152 100
150 148.2 114.0 171.0
115 63.4 48.1 72.1



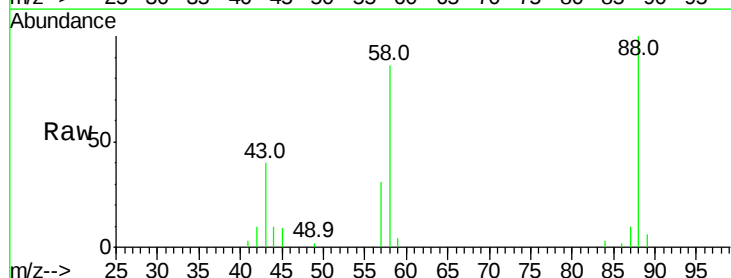
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



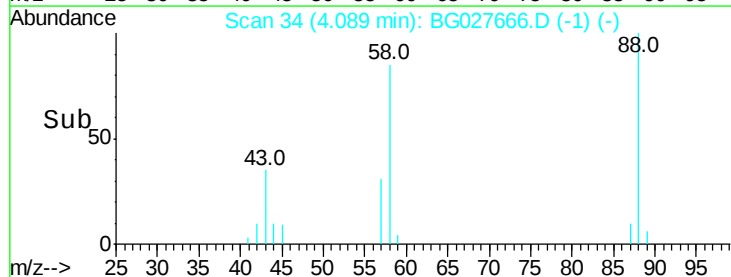
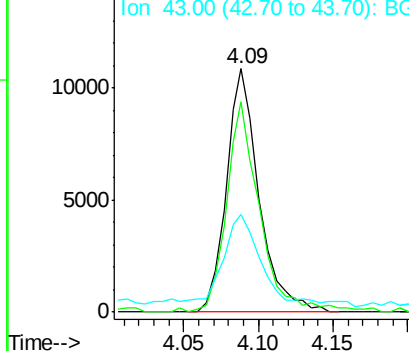
#2

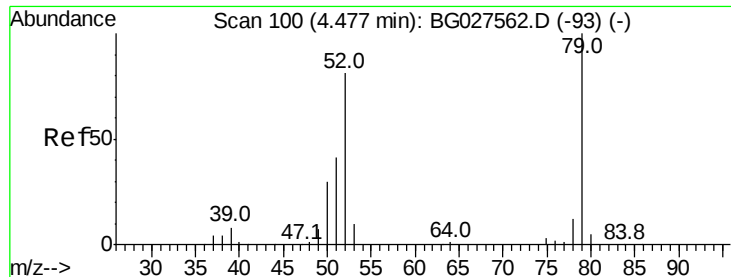
1,4-Dioxane
Concen: 31.37 ng
RT: 4.09 min Scan# 34
Delta R.T. -0.00 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Tgt Ion: 88 Resp: 16533
Ion Ratio Lower Upper
88 100
58 89.5 79.4 119.2
43 39.9 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: 32.58 ng

RT: 4.47 min Scan# 99

Delta R.T. -0.01 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

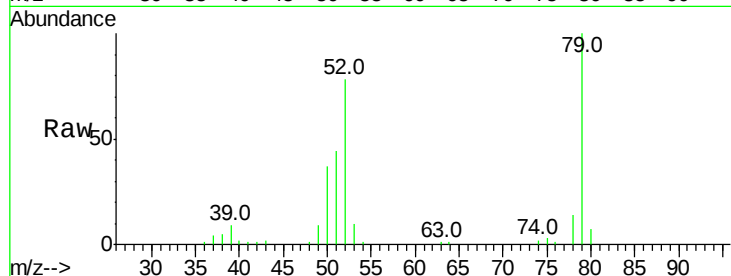
Tot Ion: 79 Resp: 55592

Ion Ratio Lower Upper

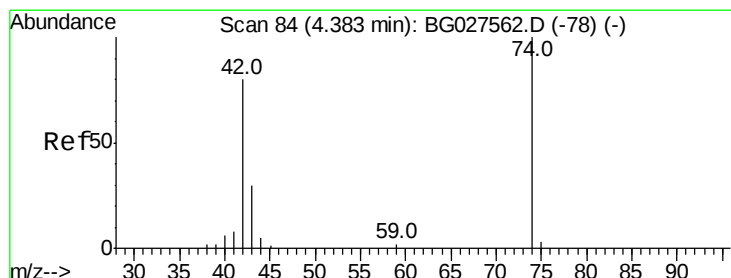
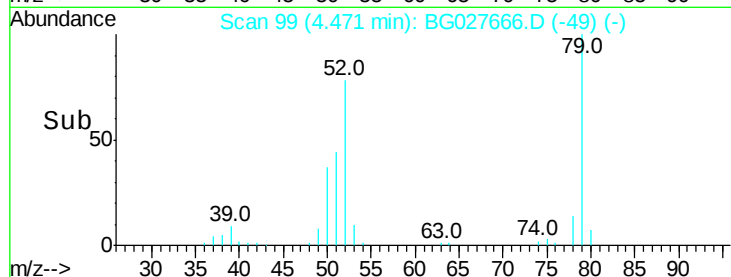
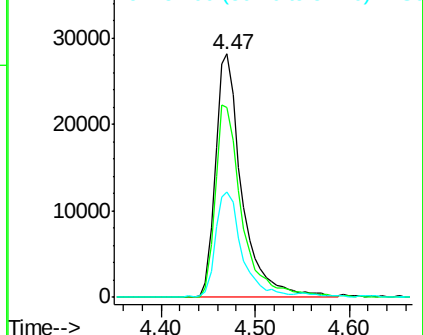
79 100

52 78.1 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: 46.01 ng

RT: 4.38 min Scan# 84

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

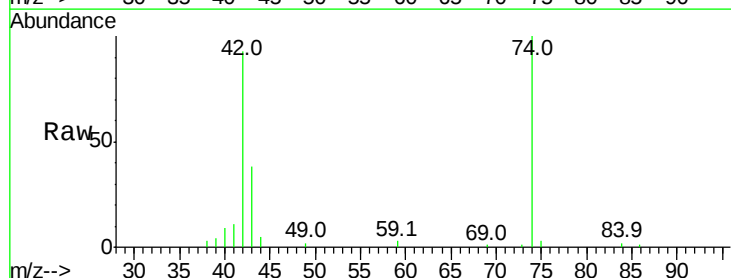
Tgt Ion: 42 Resp: 35832

Ion Ratio Lower Upper

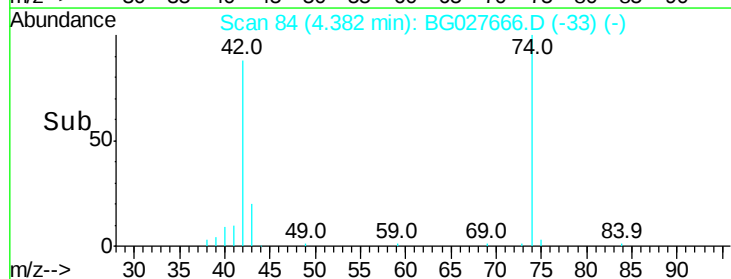
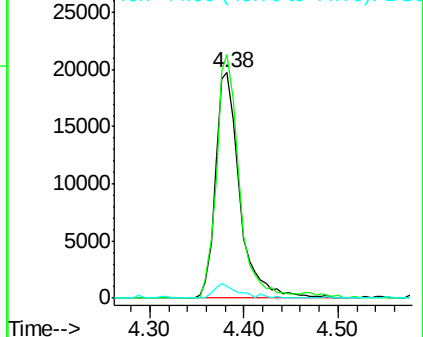
42 100

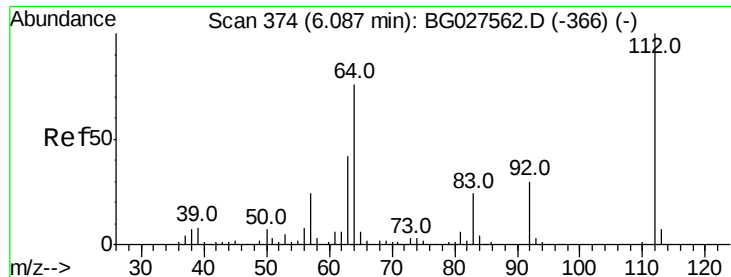
74 107.9 76.7 115.1

44 5.3 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: 149.83 ng

RT: 6.09 min Scan# 375

Delta R.T. 0.01 min

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Instrument :

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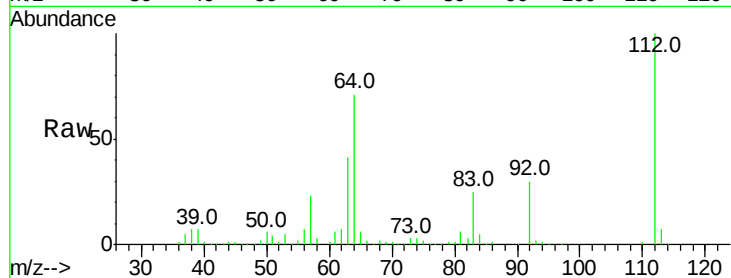
Tot Ion:112 Resp: 203409

Ion Ratio Lower Upper

112 100

64 70.5 61.8 92.6

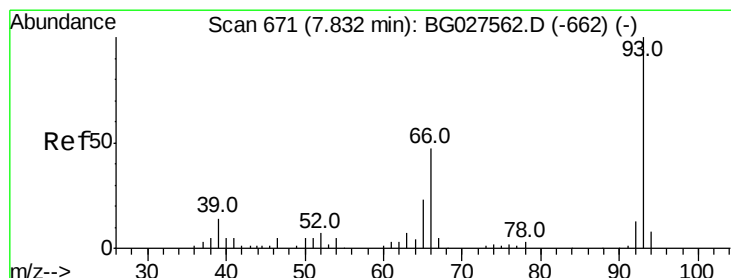
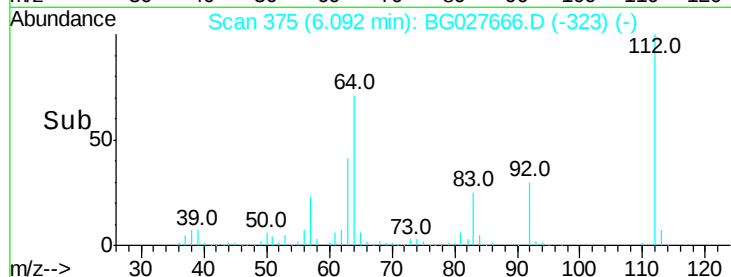
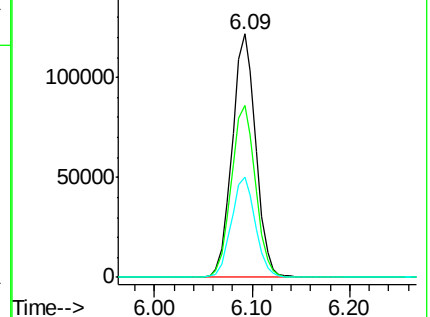
63 41.4 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.67 ng

RT: 7.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

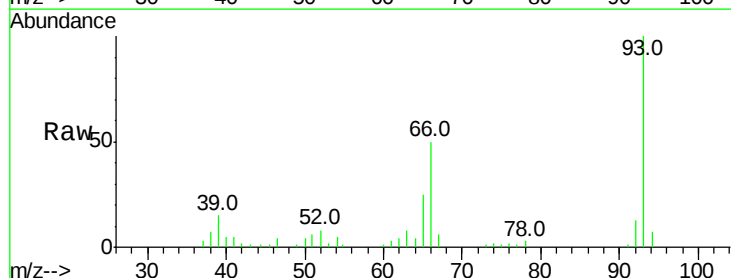
Tgt Ion: 93 Resp: 60508

Ion Ratio Lower Upper

93 100

66 49.8 35.4 53.2

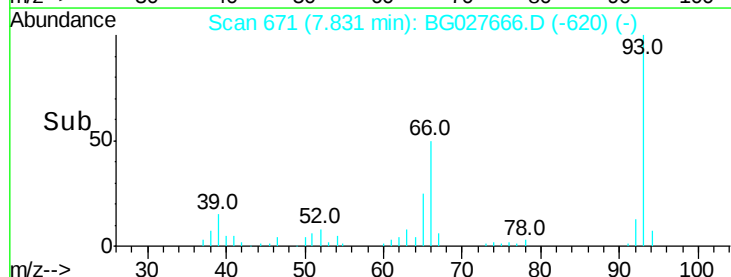
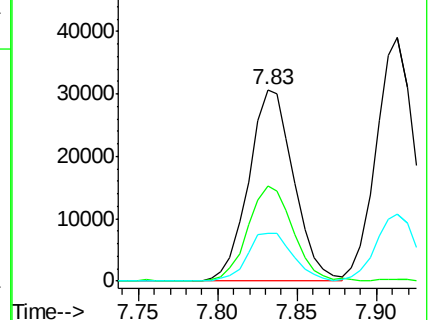
65 24.8 21.2 31.8

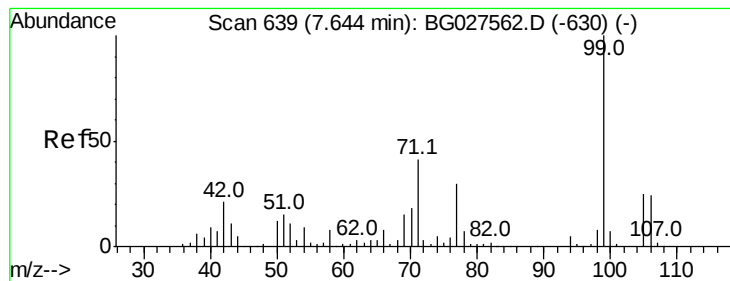


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.72 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BG027666.D

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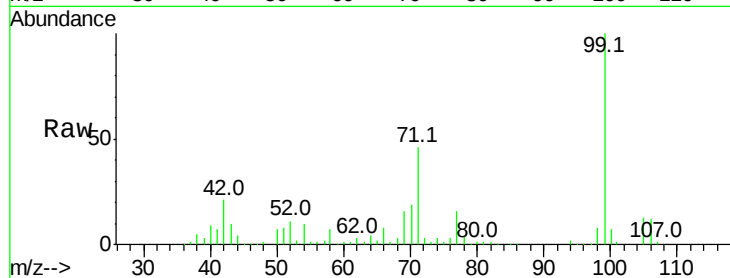
Tot Ion: 99 Resp: 292880

Ion Ratio Lower Upper

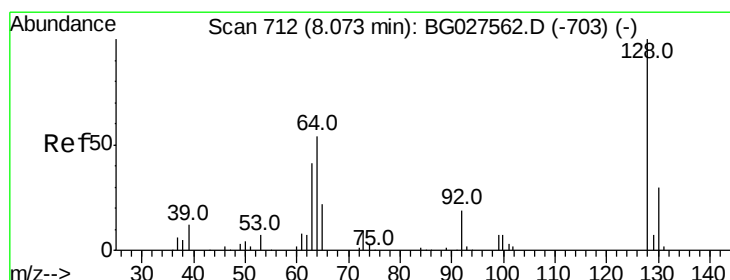
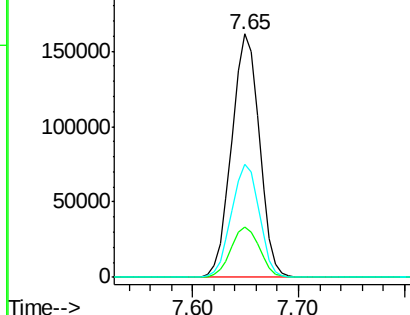
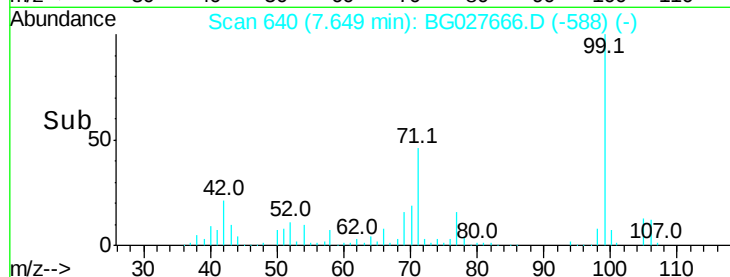
99 100

42 20.9 20.5 30.7

71 46.5 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: 52.21 ng

RT: 8.07 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

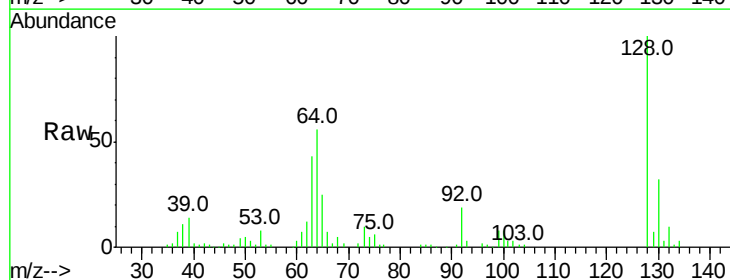
Tgt Ion:128 Resp: 75006

Ion Ratio Lower Upper

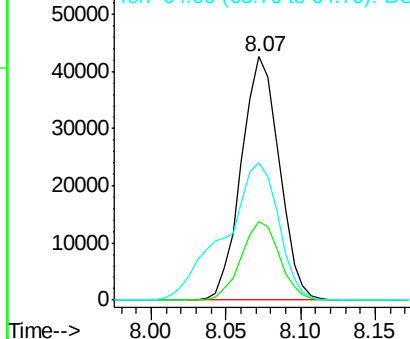
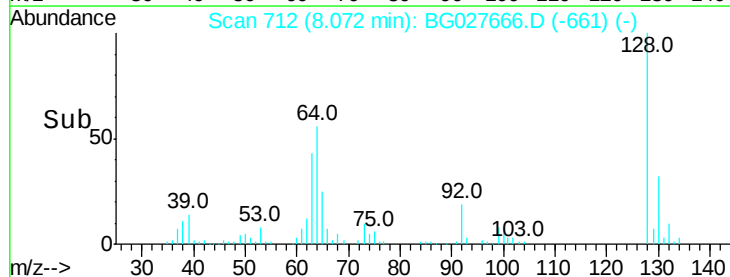
128 100

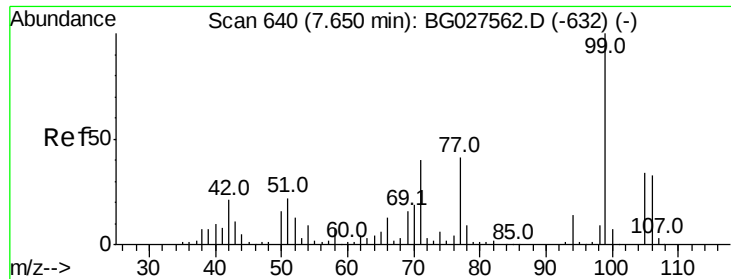
130 32.2 11.4 51.4

64 56.2 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: 33.20 ng

RT: 7.65 min Scan# 640

Delta R.T. -0.00 min

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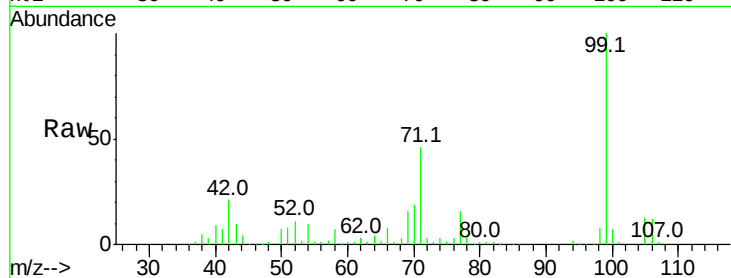
Tot Ion: 77 Resp: 45345

Ion Ratio Lower Upper

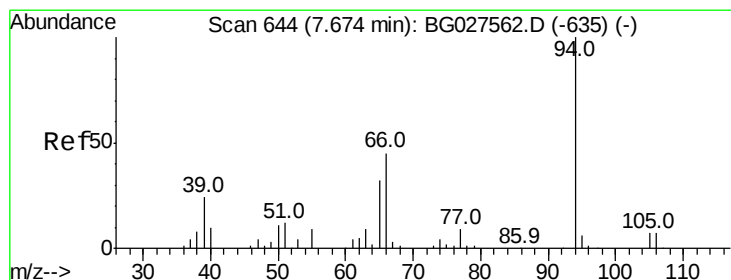
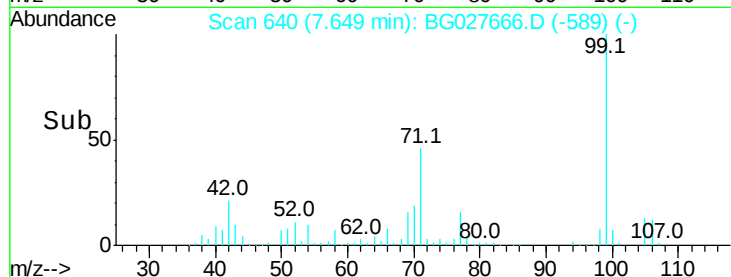
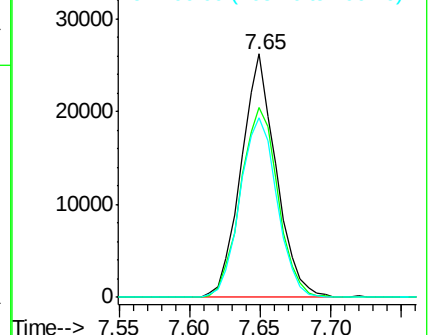
77 100

105 78.2 60.9 100.9

106 73.8 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: 51.63 ng

RT: 7.68 min Scan# 645

Delta R.T. 0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

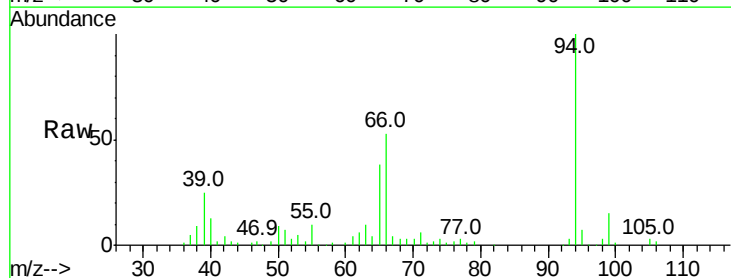
Tgt Ion: 94 Resp: 105701

Ion Ratio Lower Upper

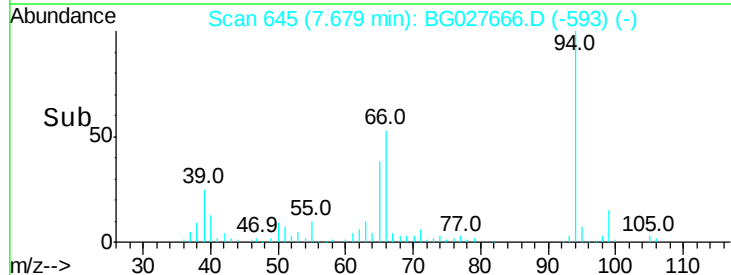
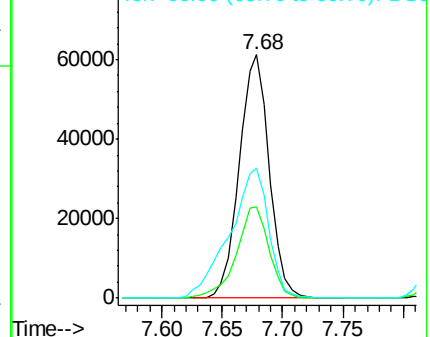
94 100

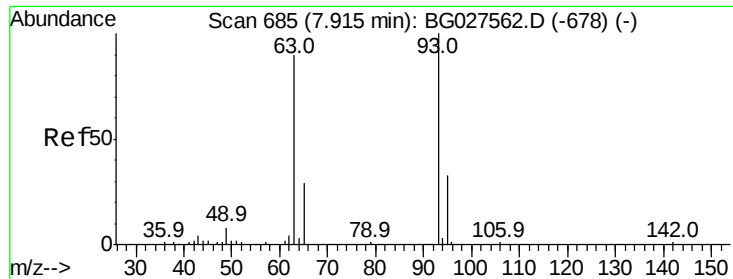
65 37.5 20.6 60.6

66 53.3 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: 40.41 ng

RT: 7.91 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampled :

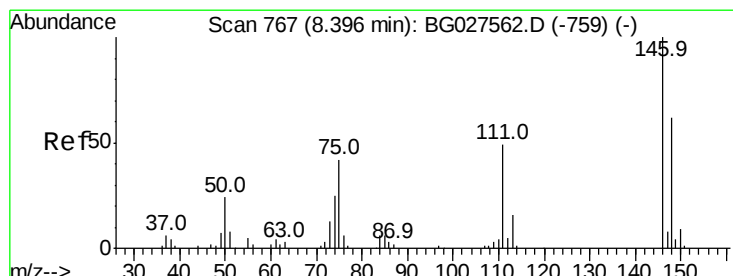
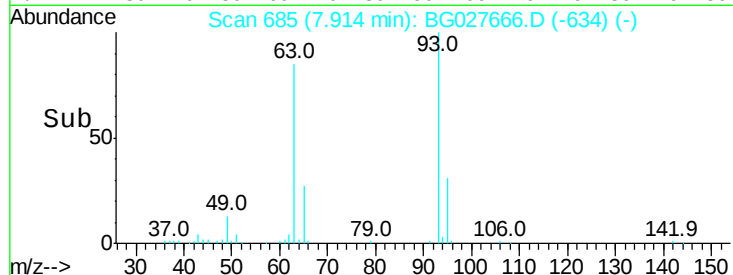
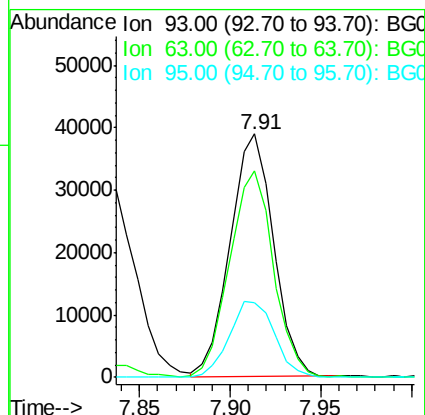
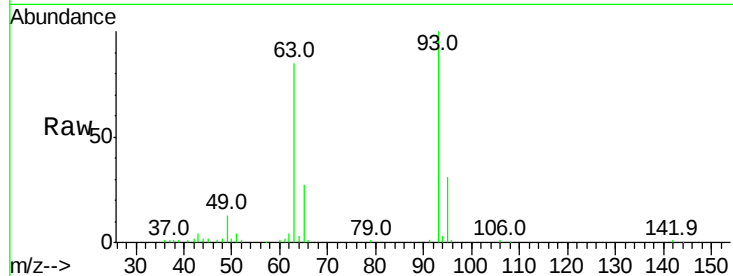
Tot Ion: 93 Resp: 64754

Ion Ratio Lower Upper

93 100

63 84.6 78.5 118.5

95 30.9 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 43.75 ng

RT: 8.40 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

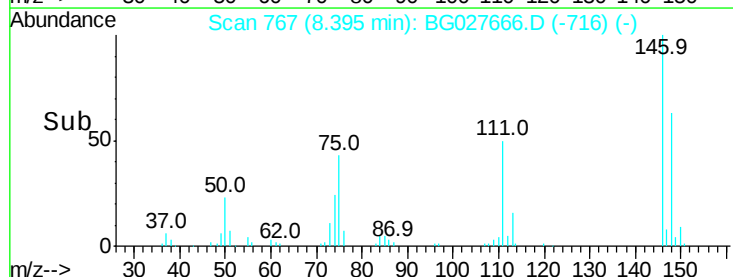
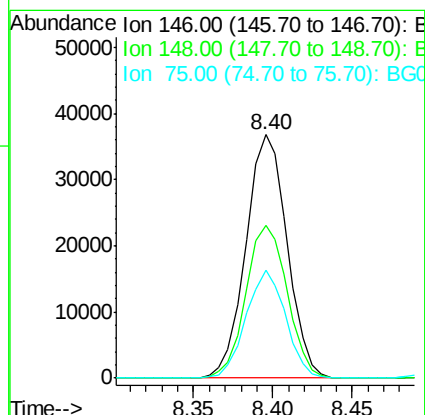
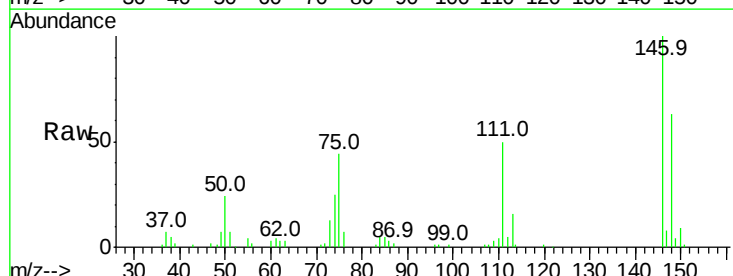
Tgt Ion: 146 Resp: 66349

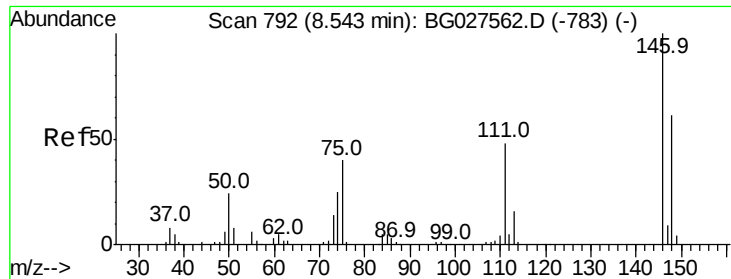
Ion Ratio Lower Upper

146 100

148 62.7 49.2 73.8

75 44.4 33.4 50.2

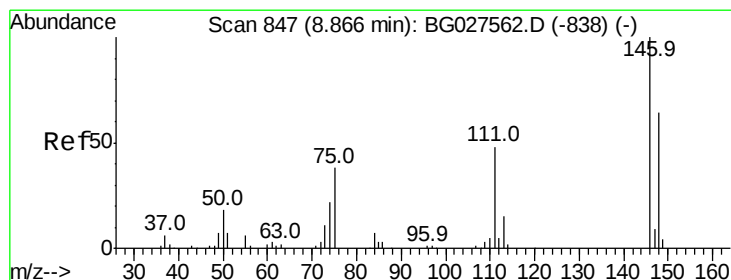
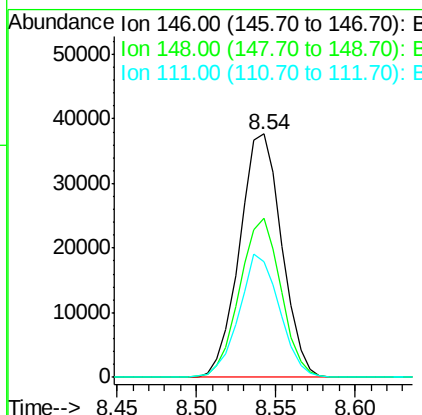
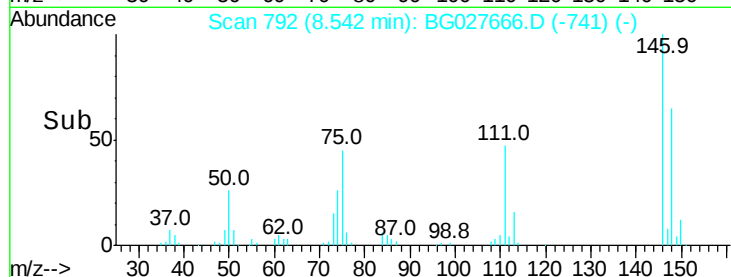
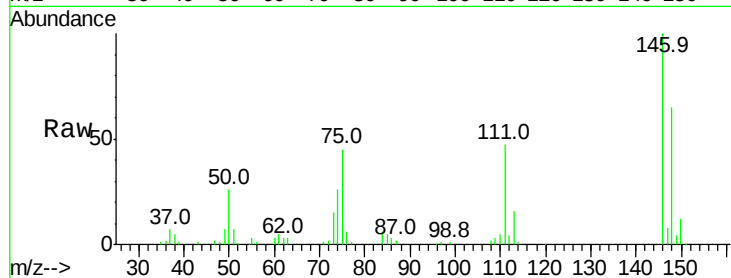




#13
 1,4-Dichlorobenzene
 Concen: 45.35 ng
 RT: 8.54 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

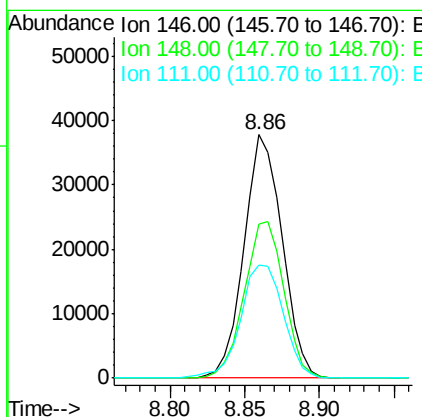
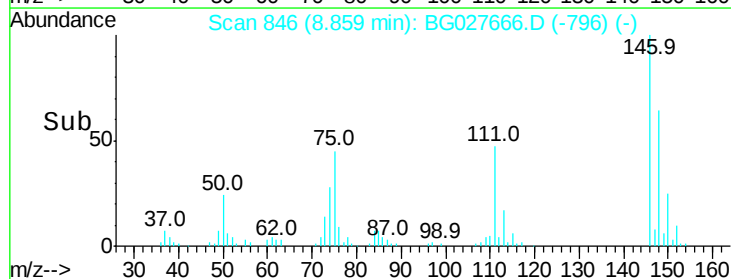
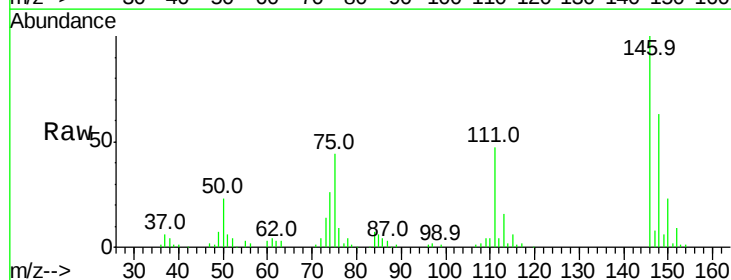
Instrument :
 BNA_G
 ClientSampled :

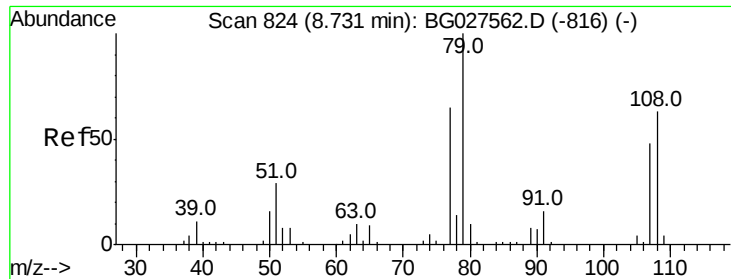
Tot Ion:146 Resp: 69434
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.2 78.2
 111 47.5 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 44.64 ng
 RT: 8.86 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Tgt Ion:146 Resp: 67149
 Ion Ratio Lower Upper
 146 100
 148 63.3 54.6 81.8
 111 46.7 39.7 59.5





#15

Benzyl Alcohol

Concen: 48.92 ng

RT: 8.74 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :
BNA_G
ClientSampled :

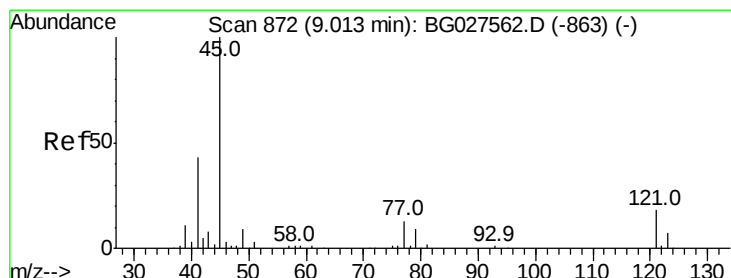
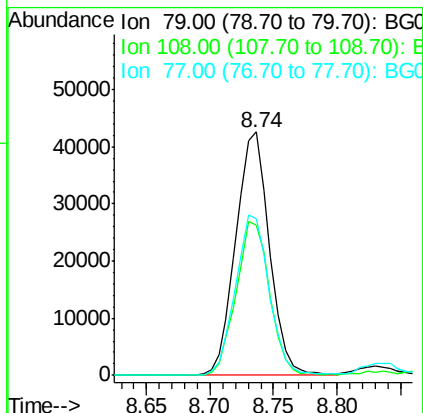
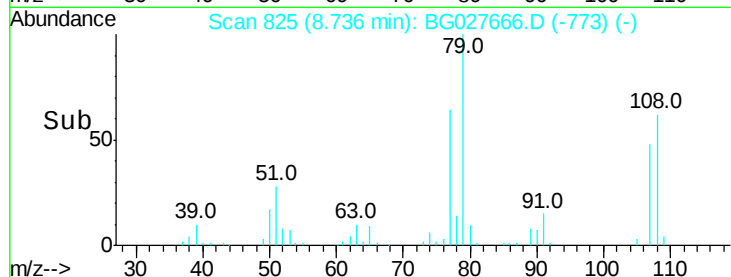
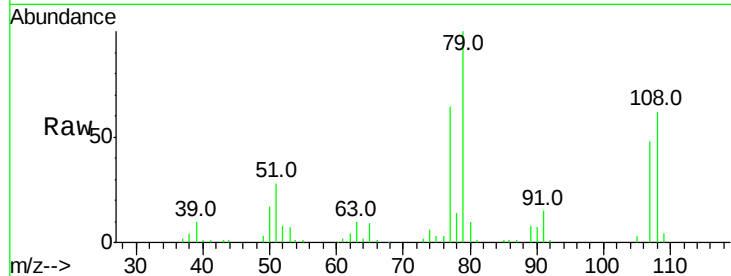
Tot Ion: 79 Resp: 78506

Ion Ratio Lower Upper

79 100

108 61.7 45.5 68.3

77 64.2 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.20 ng

RT: 9.01 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

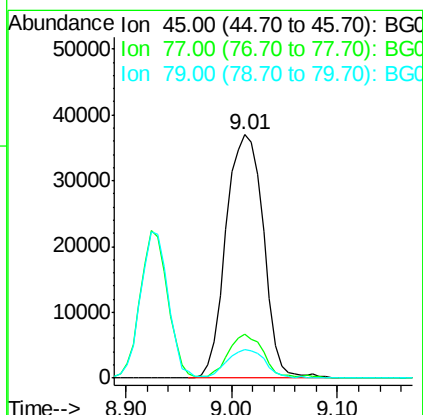
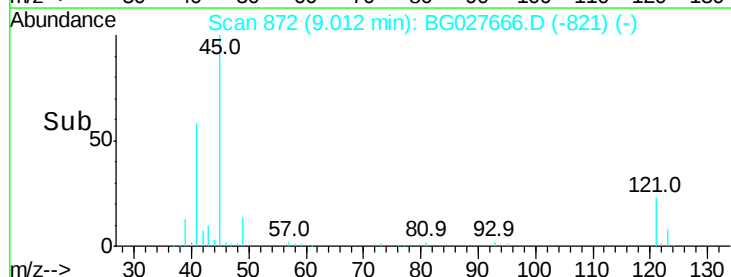
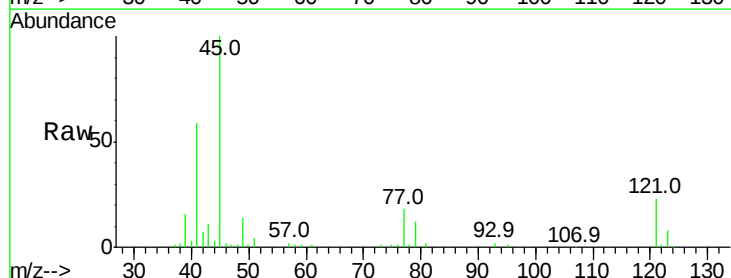
Tgt Ion: 45 Resp: 90945

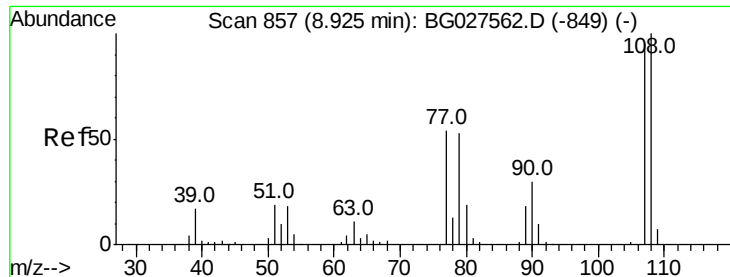
Ion Ratio Lower Upper

45 100

77 18.2 0.0 30.6

79 11.8 0.0 28.5





#17

2-Methylphenol

Concen: 47.49 ng

RT: 8.93 min Scan# 858

Delta R.T. 0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 68418

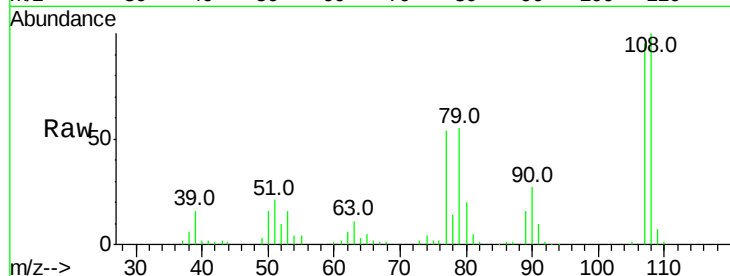
Ion Ratio Lower Upper

107 100

108 105.2 85.6 128.4

77 56.8 51.4 77.2

79 57.9 49.2 73.8

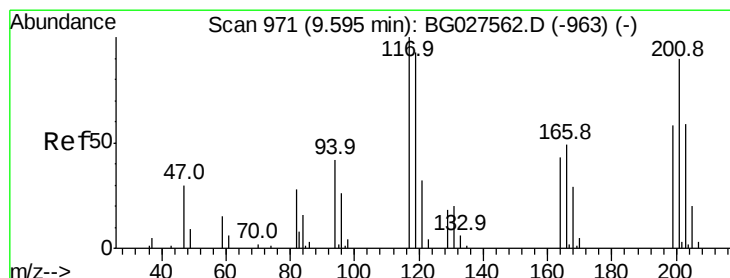
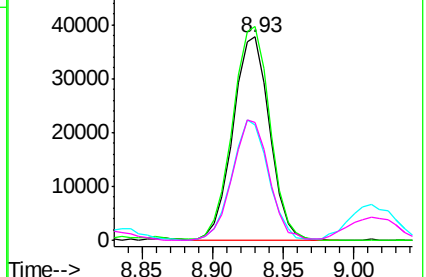
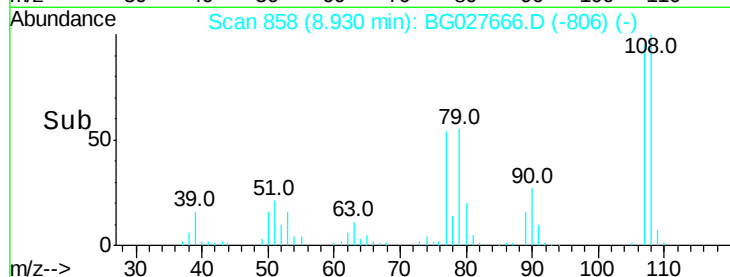


Abundance Ion 107.00 (106.70 to 107.70): E

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: 45.27 ng

RT: 9.59 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

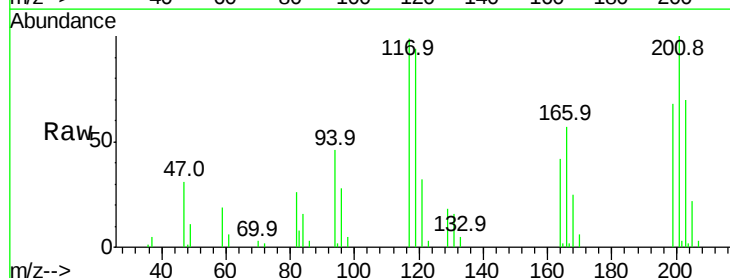
Tgt Ion:117 Resp: 27176

Ion Ratio Lower Upper

117 100

119 95.1 69.8 104.6

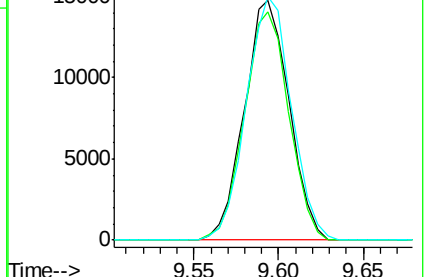
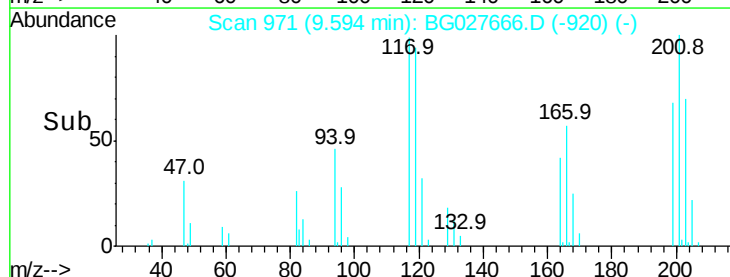
201 104.8 95.4 143.0

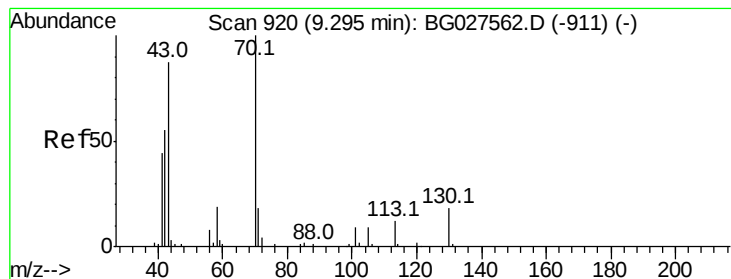


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.26 ng

RT: 9.29 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 64267

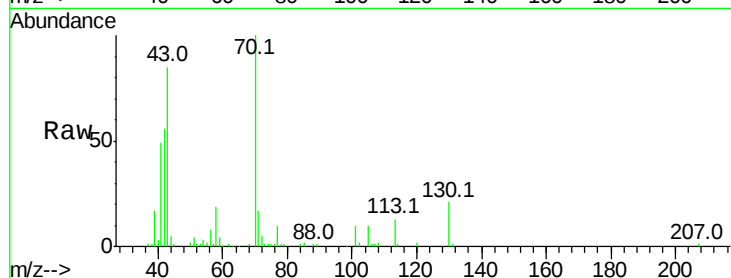
Ion Ratio Lower Upper

70 100

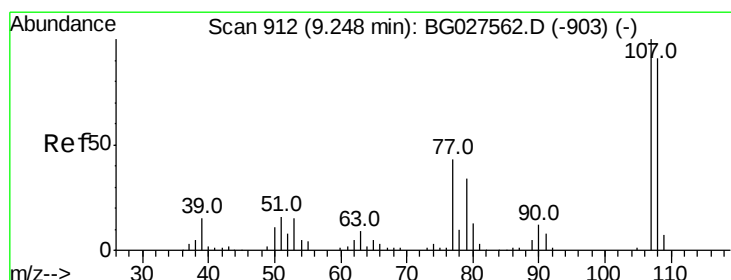
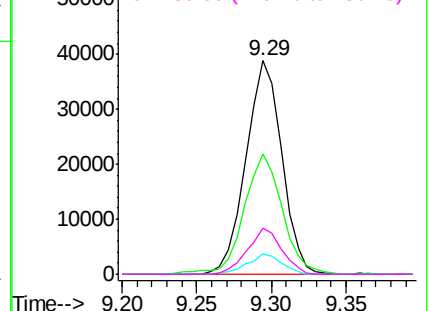
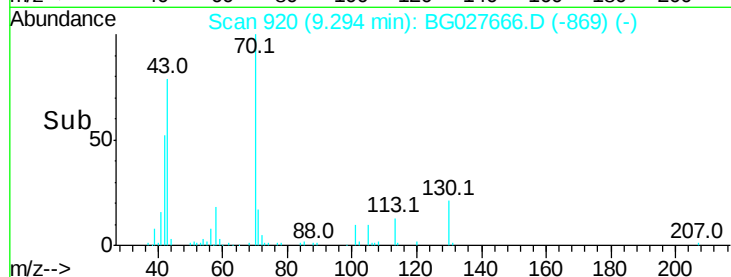
42 56.2 56.1 84.1

101 9.8 7.5 11.3

130 21.3 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: 47.53 ng

RT: 9.25 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Tgt Ion: 107 Resp: 93748

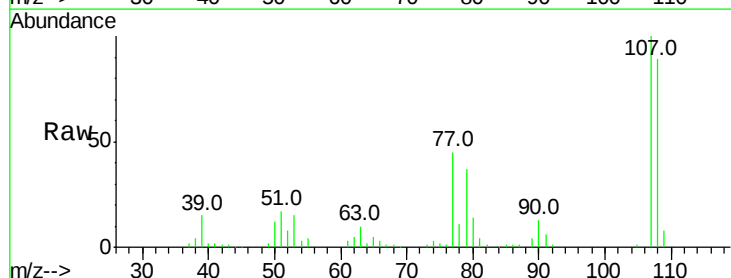
Ion Ratio Lower Upper

107 100

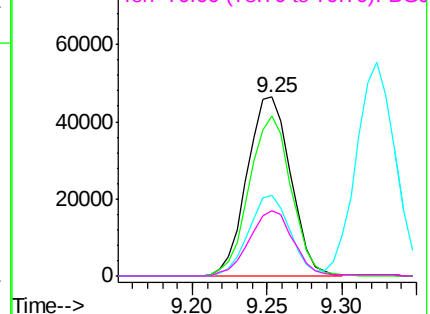
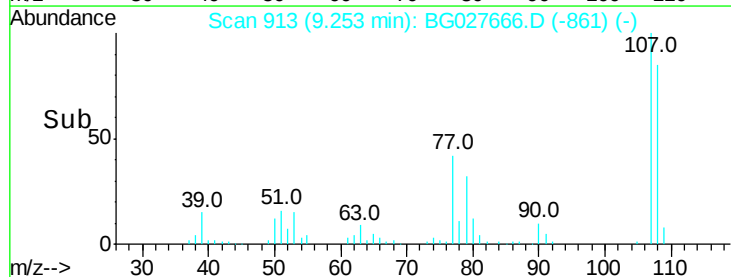
108 89.3 70.8 110.8

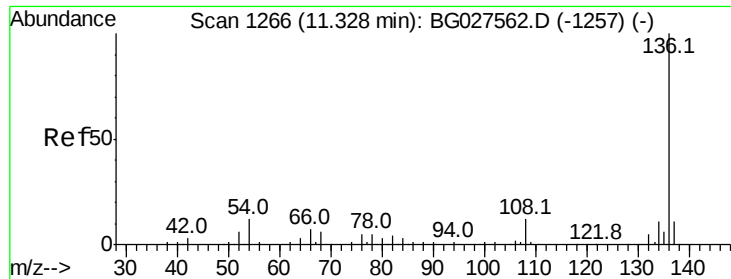
77 45.2 25.8 65.8

79 36.6 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

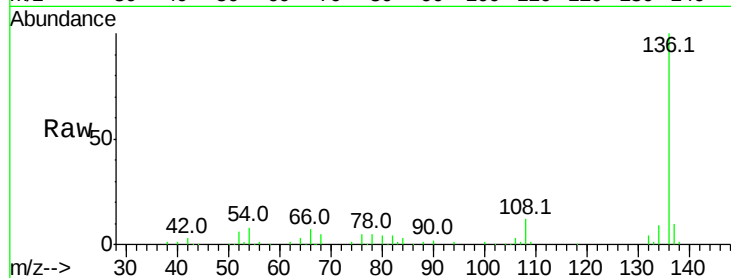




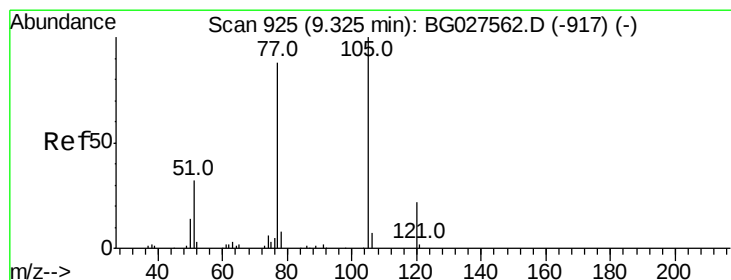
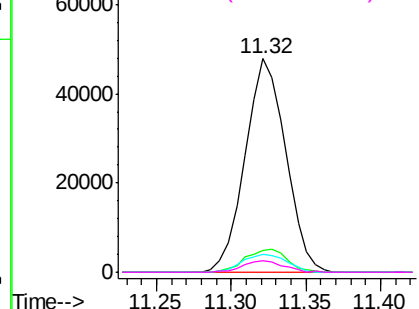
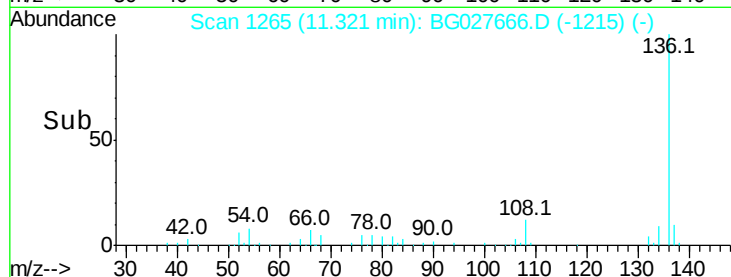
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	89904
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	8.4	9.3	13.9#
68	5.3	5.1	7.7

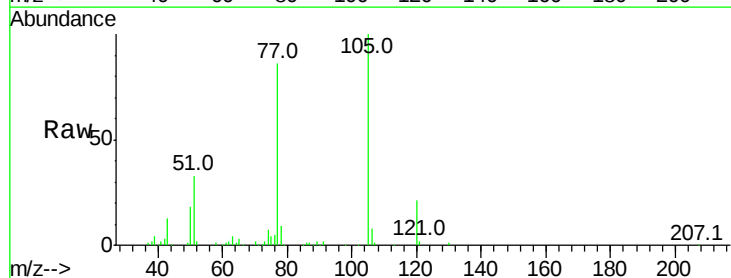


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

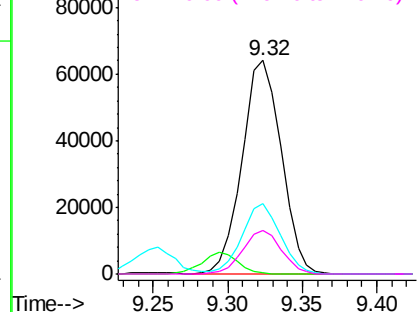
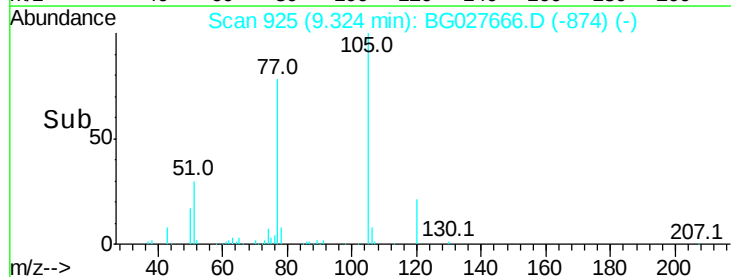


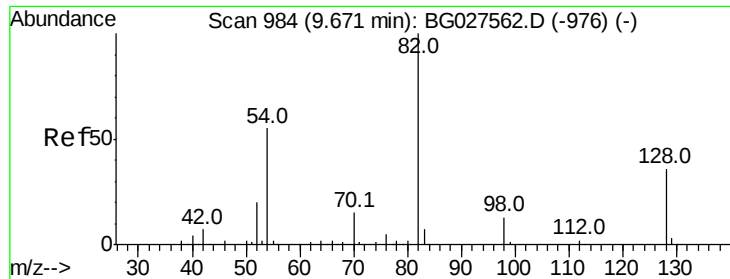
#22
Acetophenone
Concen: 47.37 ng
RT: 9.32 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Tgt Ion:	105	Resp:	116786
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.9	1.3#
51	32.8	34.0	51.0#
120	20.6	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

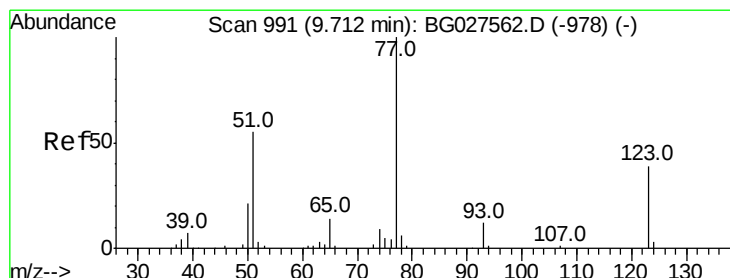
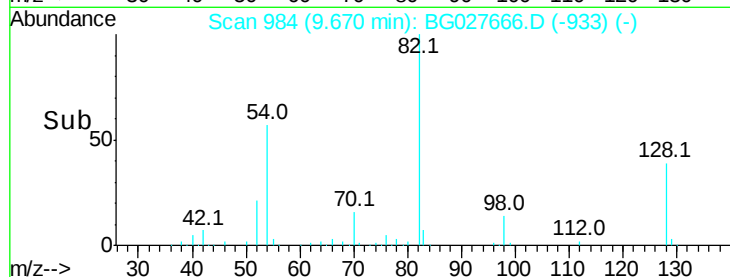
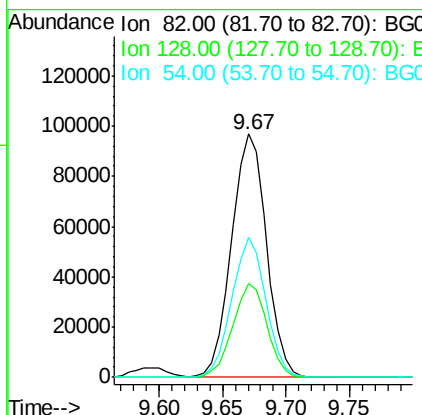
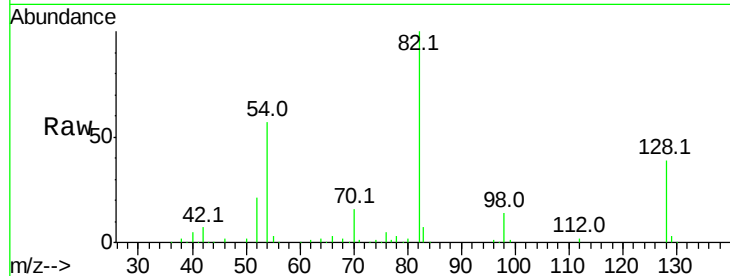




#23
 Nitrobenzene-d5
 Concen: 96.79 ng
 RT: 9.67 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

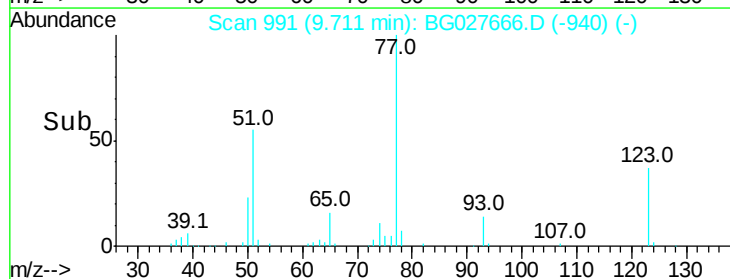
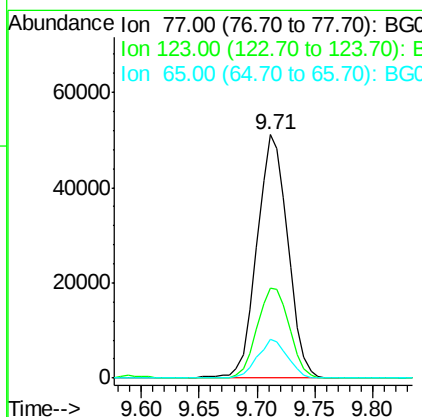
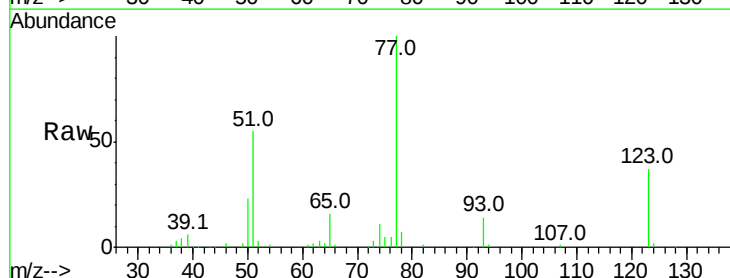
Instrument :
 BNA_G
 ClientSampleId :

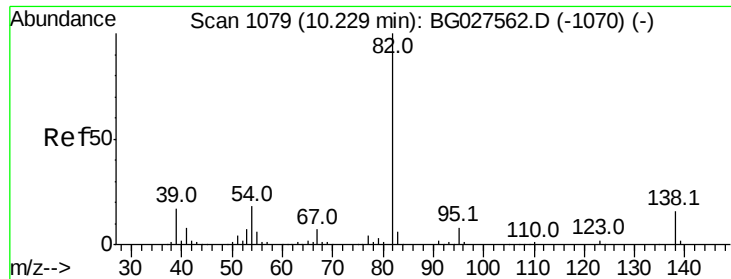
Tot Ion: 82 Resp: 183899
 Ion Ratio Lower Upper
 82 100
 128 38.6 26.4 39.6
 54 57.3 49.4 74.2



#24
 Nitrobenzene
 Concen: 45.72 ng
 RT: 9.71 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Tgt Ion: 77 Resp: 95216
 Ion Ratio Lower Upper
 77 100
 123 36.9 26.1 39.1
 65 16.0 12.4 18.6





#25

Isophorone

Concen: 43.94 ng

RT: 10.23 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

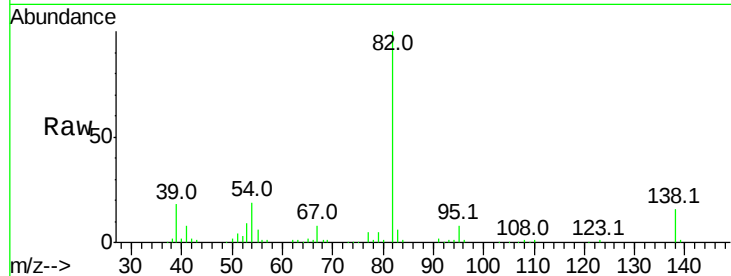
Tot Ion: 82 Resp: 171514

Ion Ratio Lower Upper

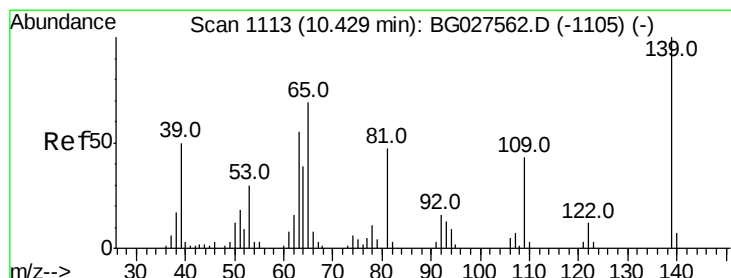
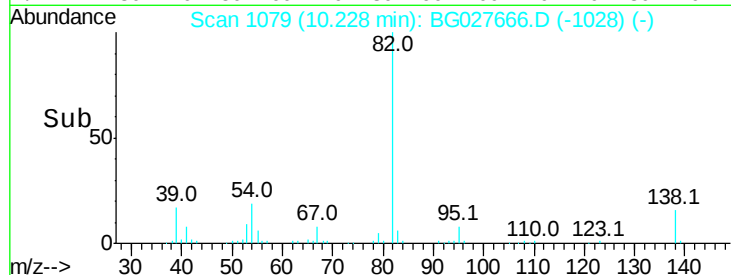
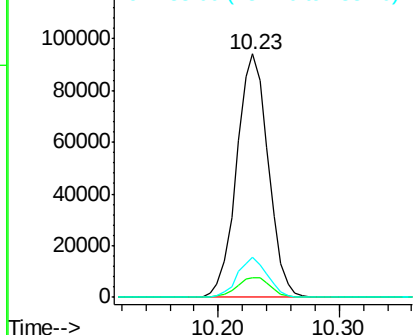
82 100

95 8.3 7.5 11.3

138 16.3 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: 51.61 ng

RT: 10.43 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

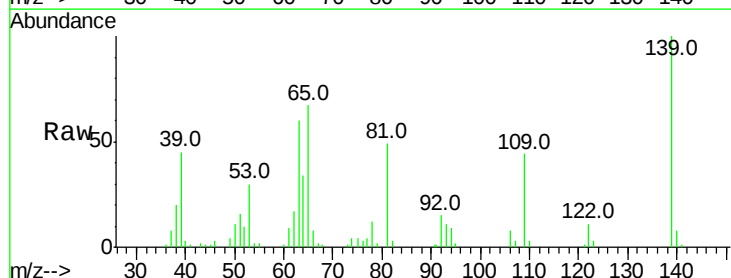
Tgt Ion:139 Resp: 39759

Ion Ratio Lower Upper

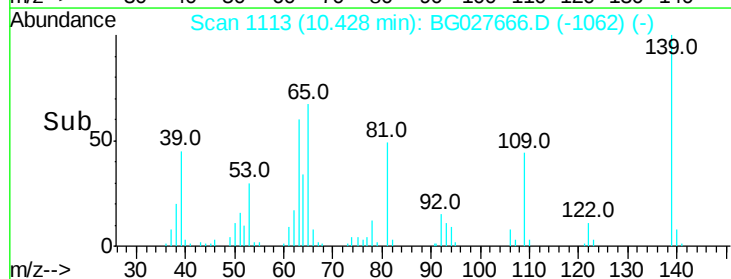
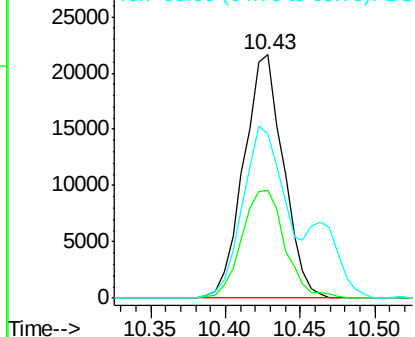
139 100

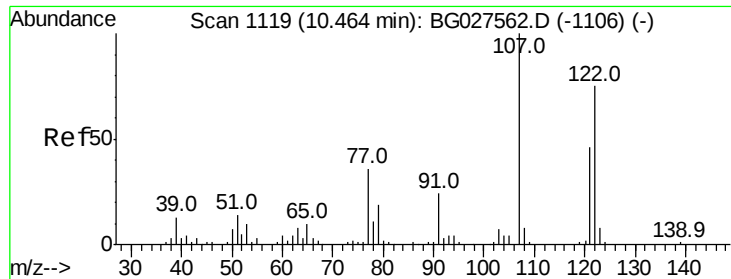
109 44.4 38.6 58.0

65 67.3 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

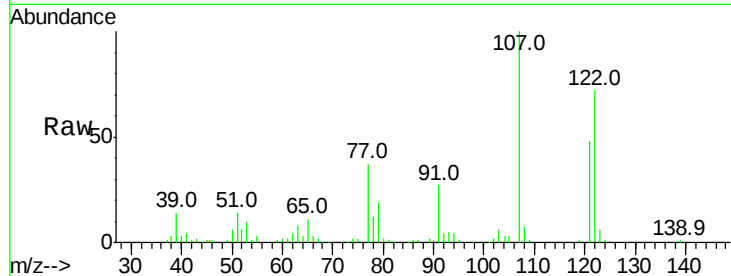




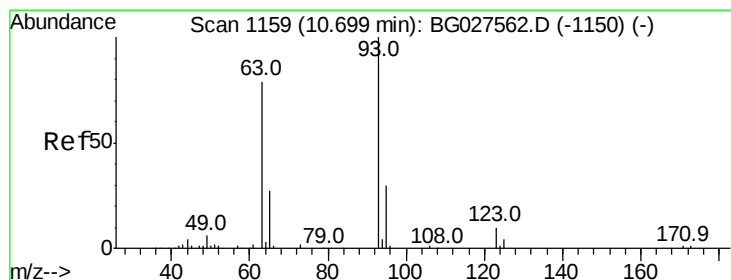
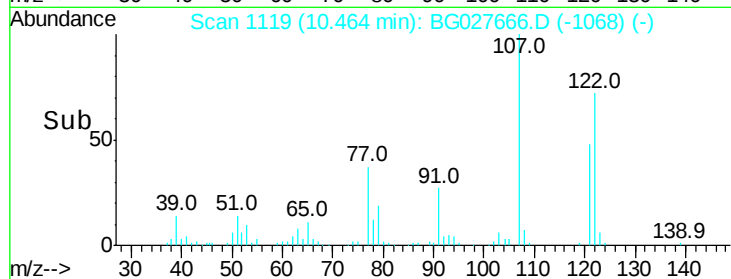
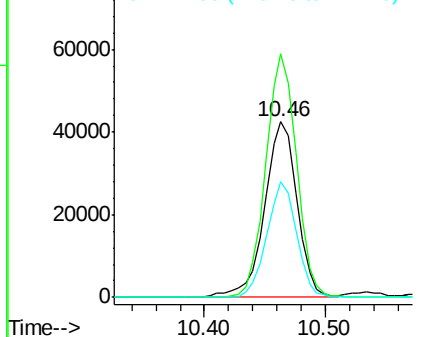
#27
 2,4-Dimethylphenol
 Concen: 54.07 ng
 RT: 10.46 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 78657
 Ion Ratio Lower Upper
 122 100
 107 138.7 104.2 156.4
 121 65.9 46.0 69.0

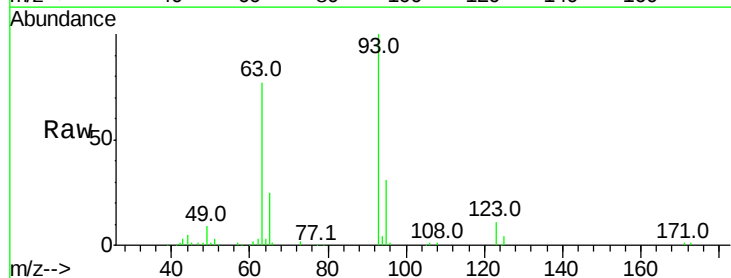


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

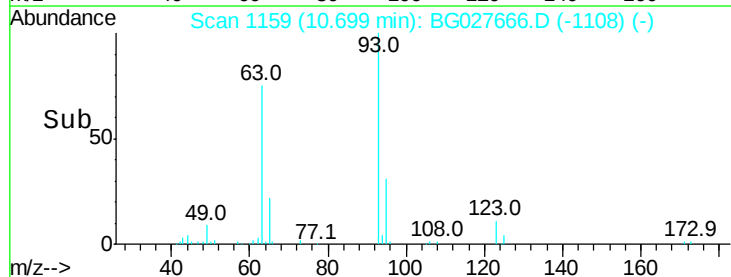
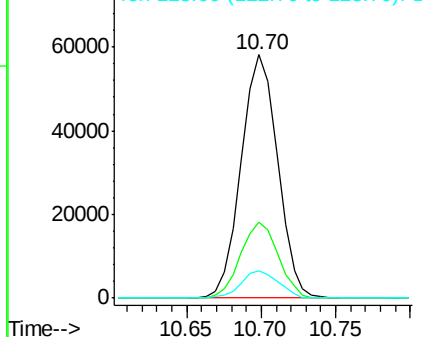


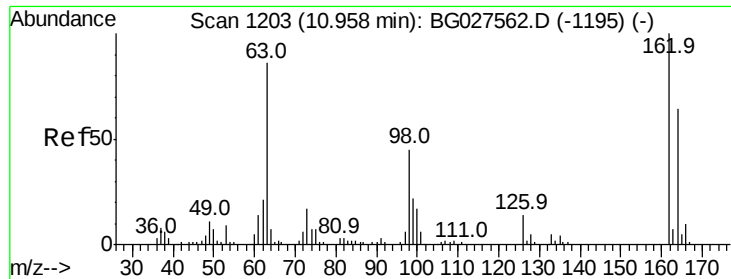
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.84 ng
 RT: 10.70 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Tgt Ion: 93 Resp: 98661
 Ion Ratio Lower Upper
 93 100
 95 31.0 25.7 38.5
 123 11.0 8.3 12.5



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

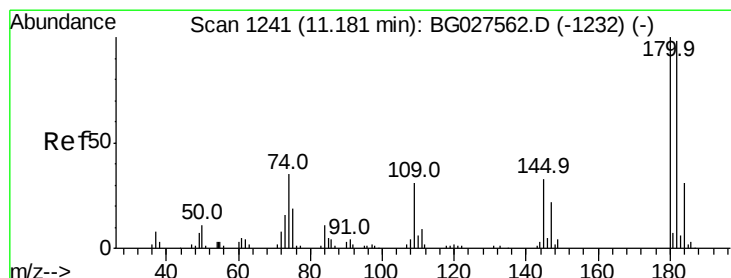
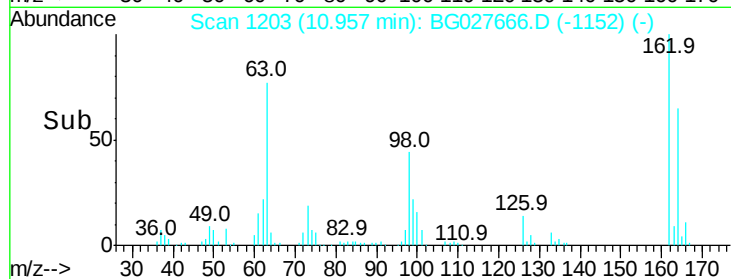
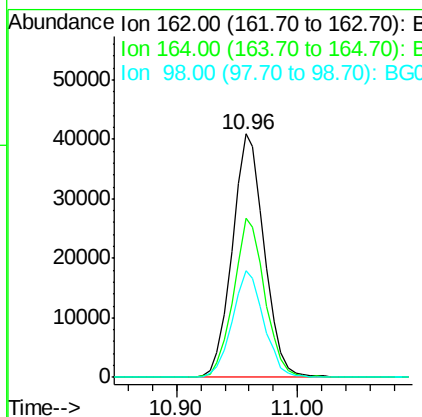
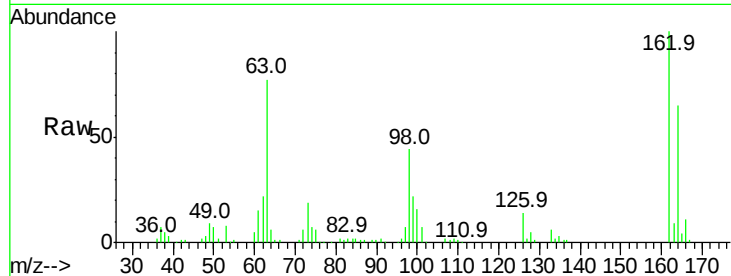




#29
 2,4-Dichlorophenol
 Concen: 59.76 ng
 RT: 10.96 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

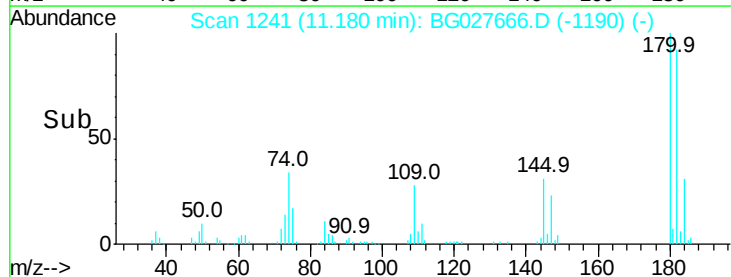
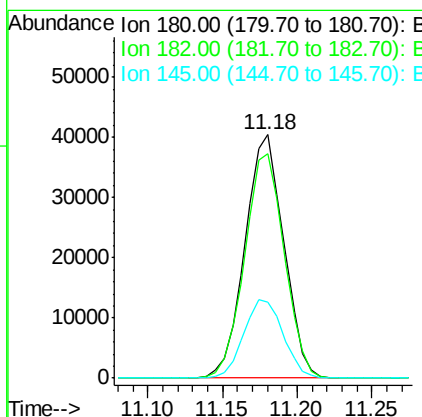
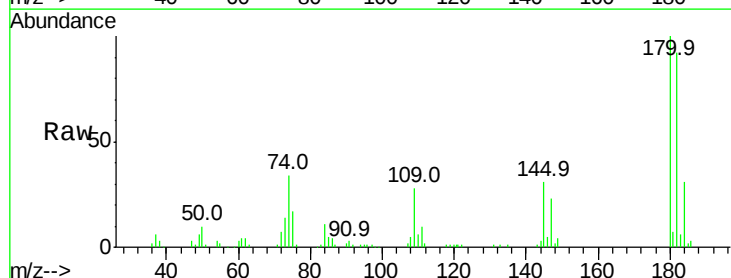
Instrument :
 BNA_G
 ClientSampleId :

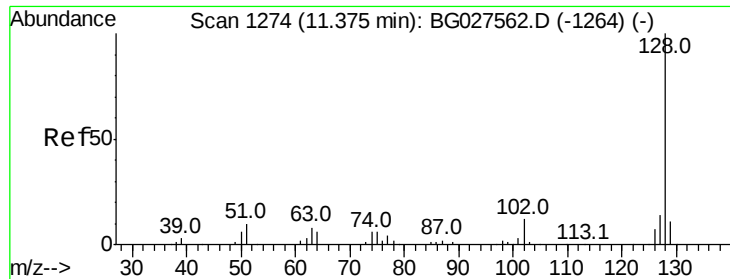
Tot Ion:162 Resp: 75092
 Ion Ratio Lower Upper
 162 100
 164 65.4 42.4 82.4
 98 43.8 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 50.47 ng
 RT: 11.18 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Tgt Ion:180 Resp: 72499
 Ion Ratio Lower Upper
 180 100
 182 91.9 77.0 115.4
 145 31.3 23.4 35.0

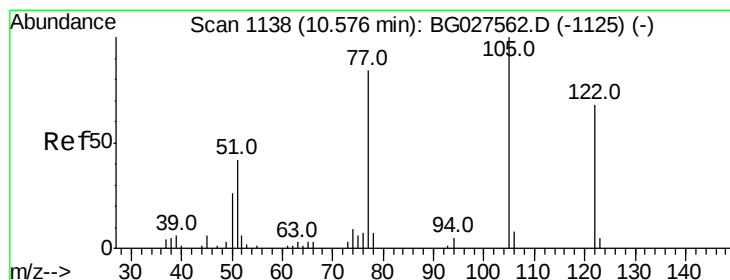
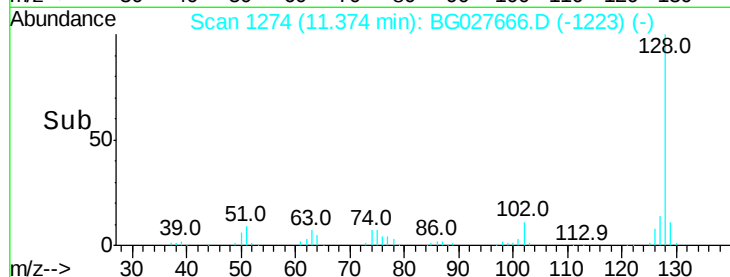
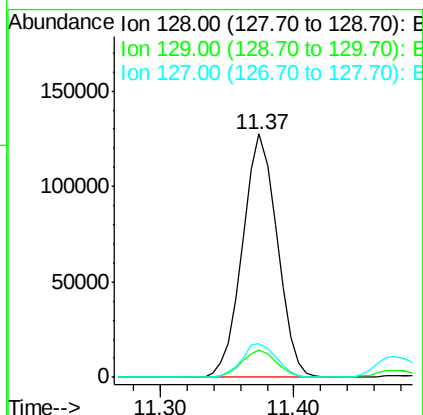
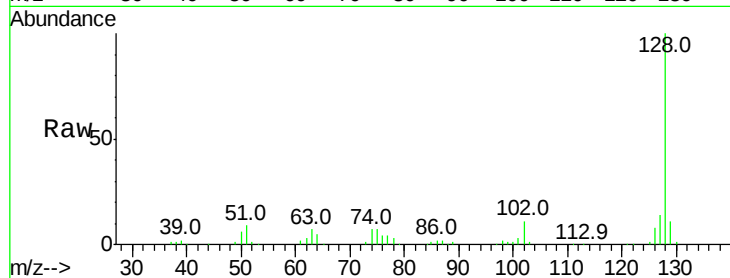




#31
Naphthalene
Concen: 47.07 ng
RT: 11.37 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

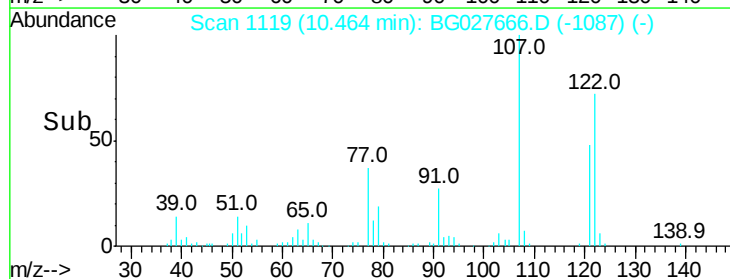
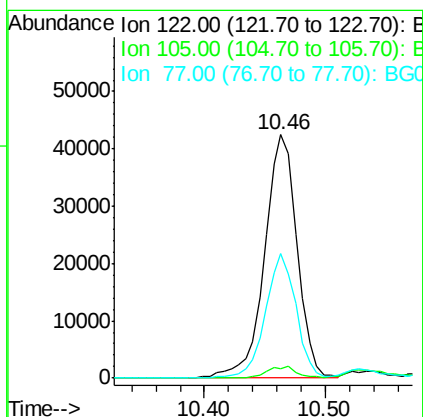
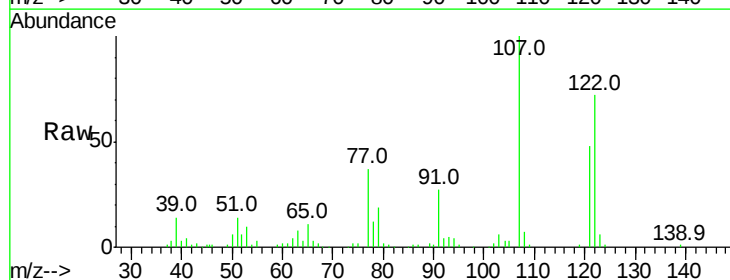
Instrument :
BNA_G
ClientSampleId :

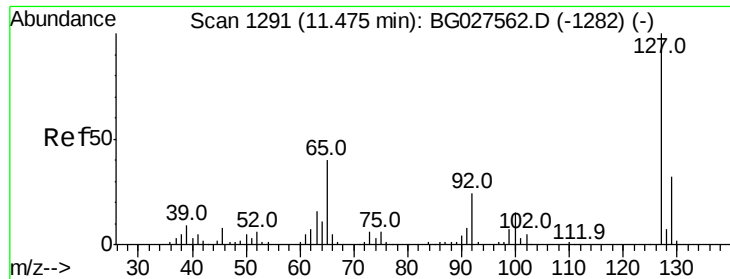
Tot Ion:128 Resp: 228733
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.7 11.4 17.0



#32
Benzoic acid
Concen: 71.33 ng
RT: 10.46 min Scan# 1119
Delta R.T. -0.11 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Tgt Ion:122 Resp: 78657
Ion Ratio Lower Upper
122 100
105 3.9 120.1 160.1#
77 51.2 104.6 144.6#

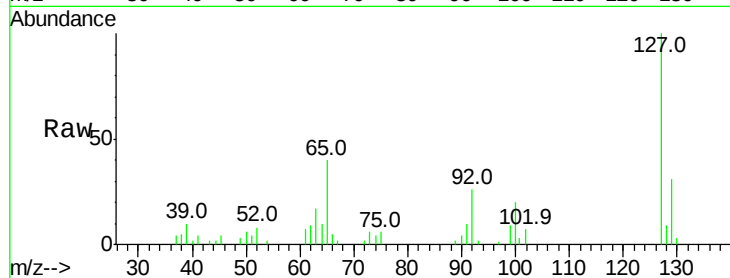




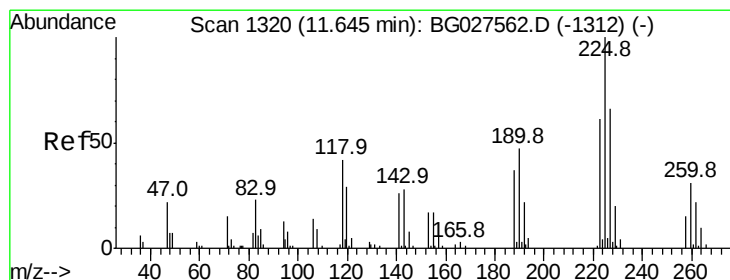
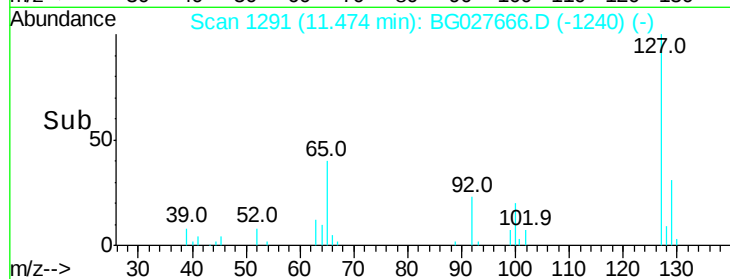
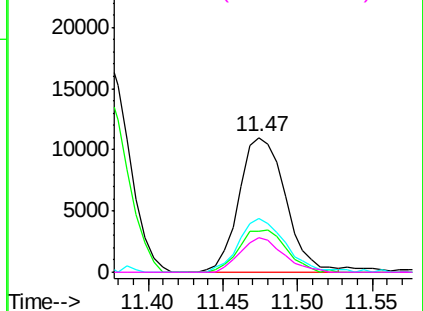
#33
4-Chloroaniline
Concen: 11.49 ng
RT: 11.47 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	23681
Ion	Ratio	Lower	Upper
127	100		
129	30.6	23.6	35.4
65	39.9	37.7	56.5
92	25.7	17.6	26.4

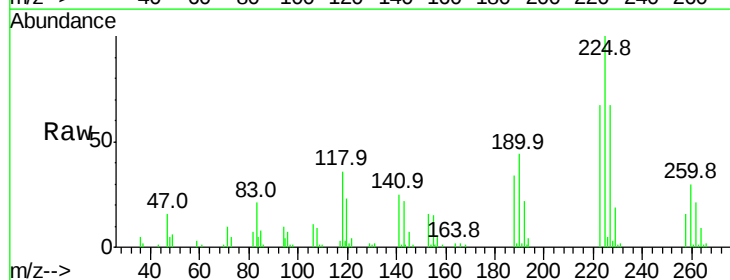


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

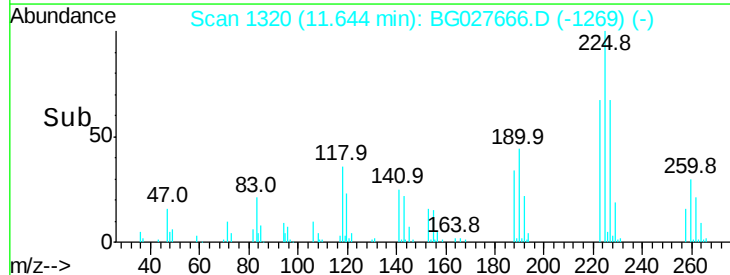
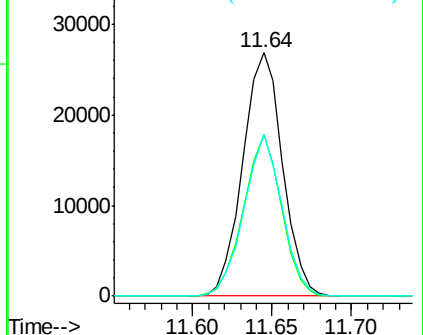


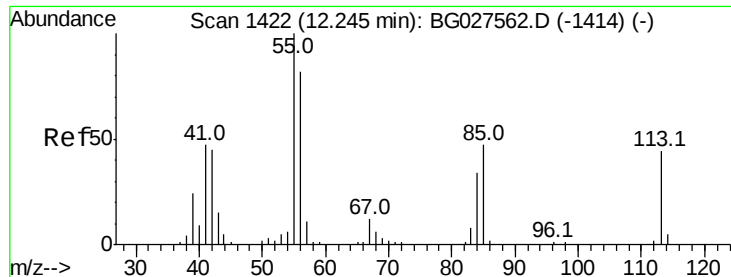
#34
Hexachlorobutadiene
Concen: 53.99 ng
RT: 11.64 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Tgt Ion:	225	Resp:	46868
Ion	Ratio	Lower	Upper
225	100		
223	66.5	50.7	76.1
227	66.6	49.0	73.6



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





#35

Caprolactam

Concen: 48.39 ng

RT: 12.26 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

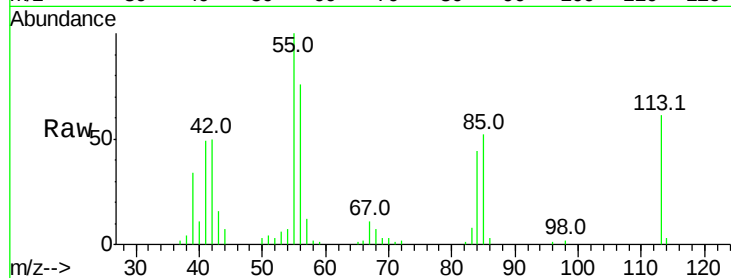
Tot Ion:113 Resp: 28337

Ion Ratio Lower Upper

113 100

55 165.3 198.6 238.6#

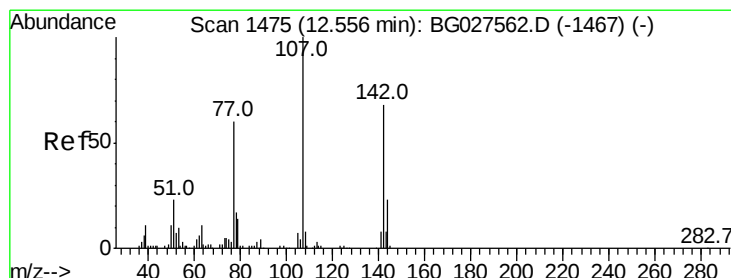
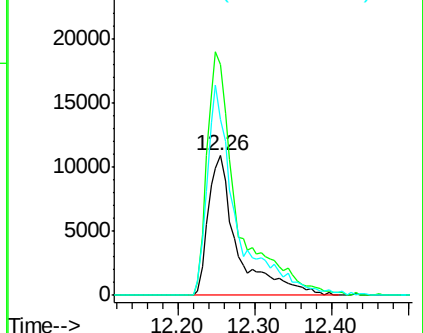
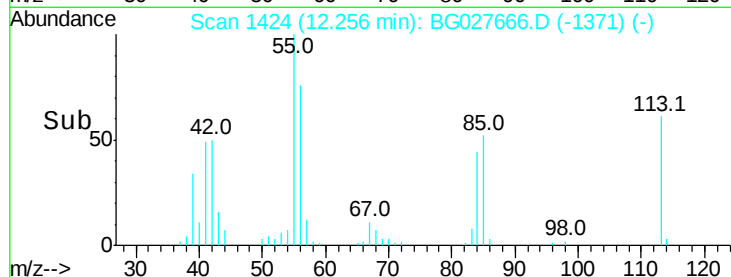
56 125.8 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 54.22 ng

RT: 12.56 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

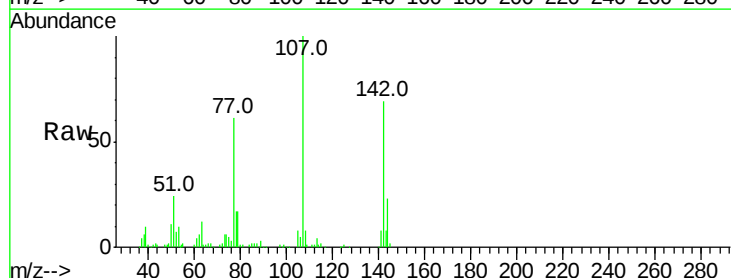
Tgt Ion:107 Resp: 104477

Ion Ratio Lower Upper

107 100

144 23.1 17.4 26.0

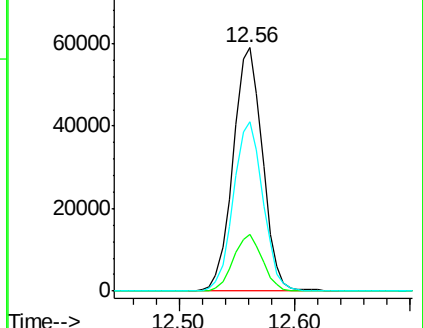
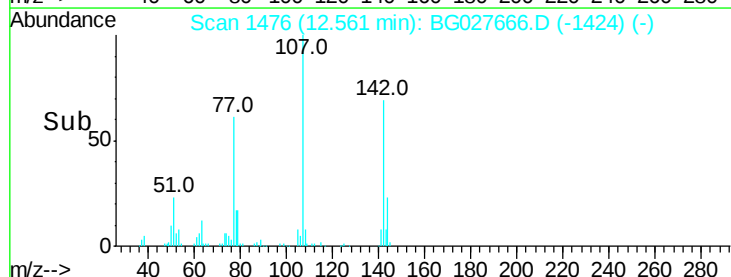
142 69.4 54.1 81.1

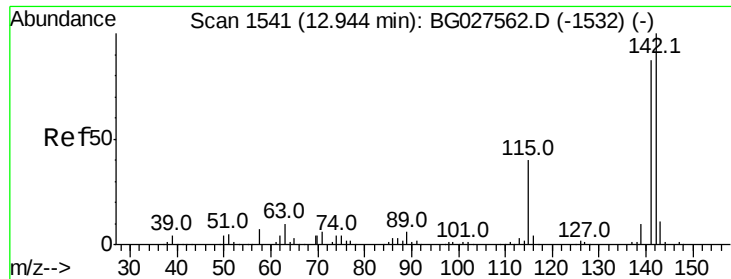


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

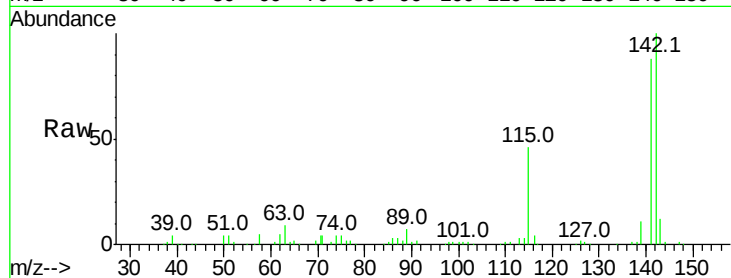




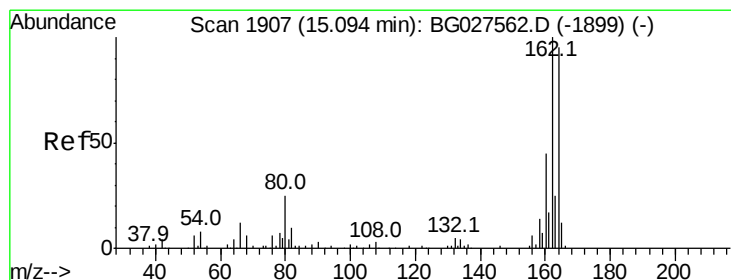
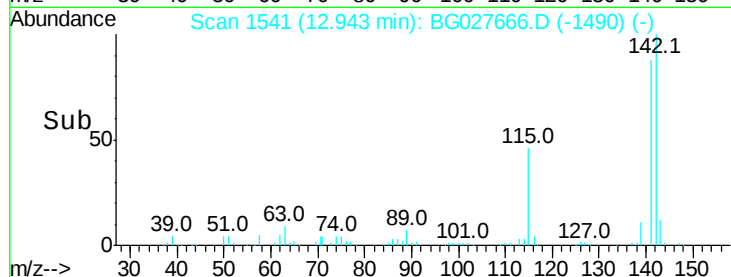
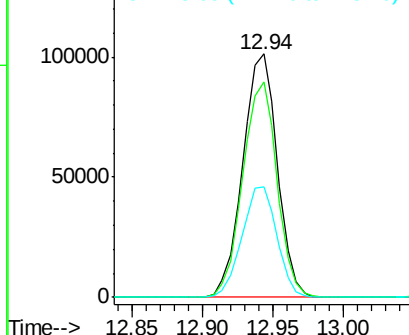
#37
2-Methylnaphthalene
Concen: 49.19 ng
RT: 12.94 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 173722
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6
115 45.7 35.5 53.3

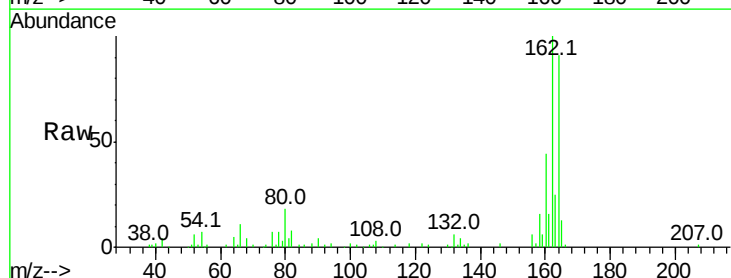


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

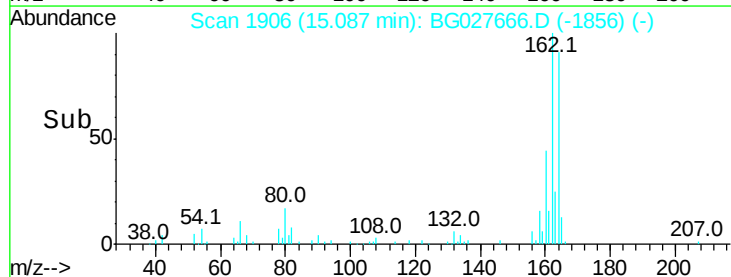
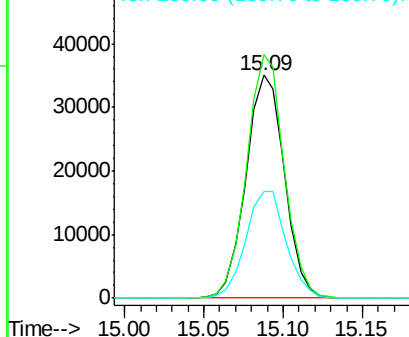


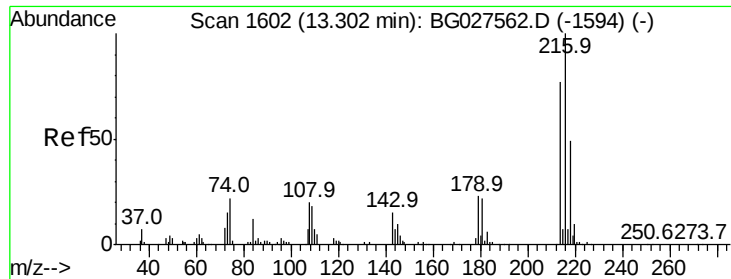
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Tgt Ion:164 Resp: 58915
Ion Ratio Lower Upper
164 100
162 109.3 85.1 127.7
160 47.8 34.7 52.1



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

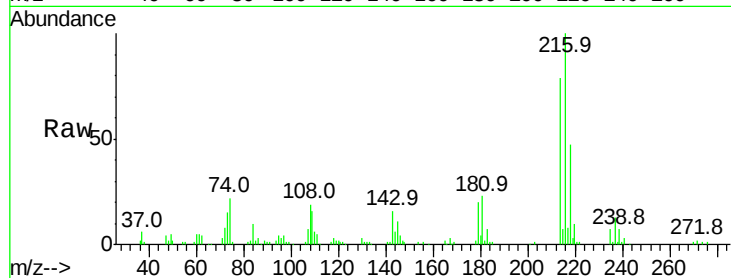




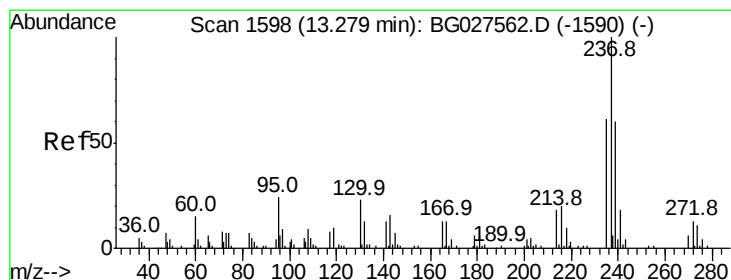
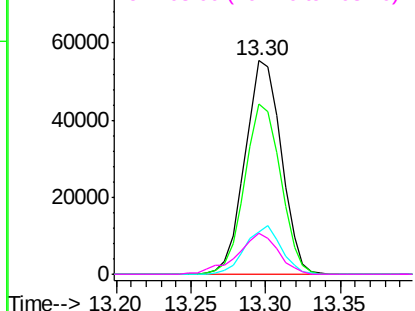
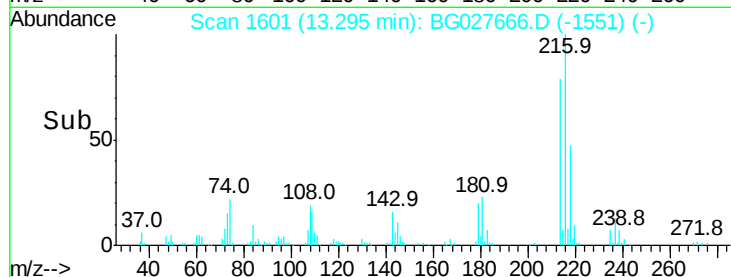
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.45 ng
 RT: 13.30 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	93211
Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.4	96.6
179	22.3	17.4	26.0
108	21.5	15.6	23.4

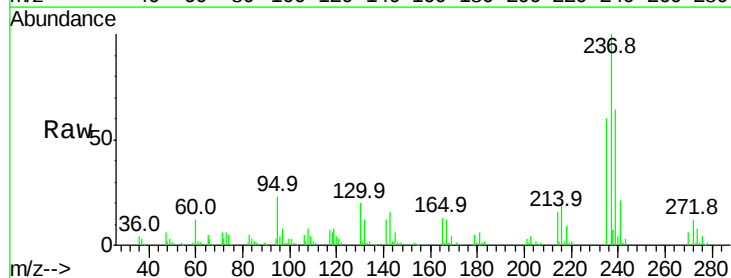


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

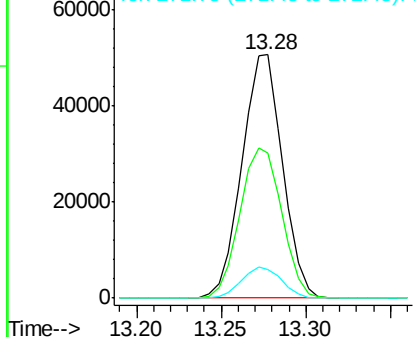
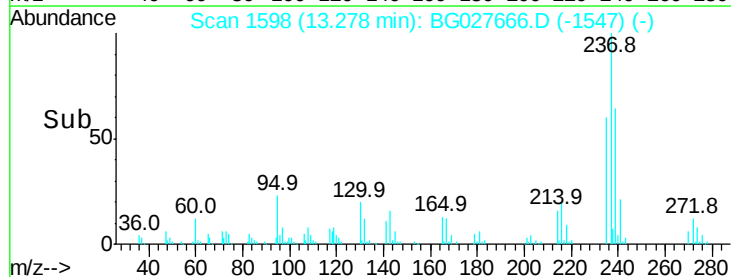


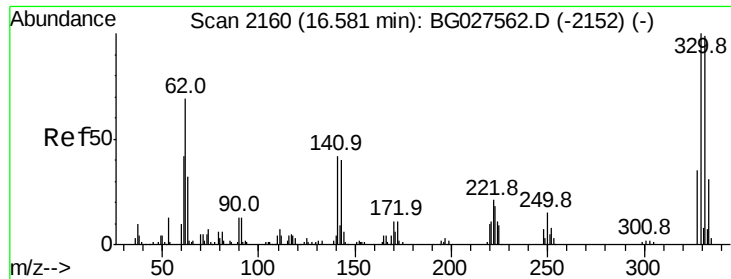
#40
 Hexachlorocyclopentadiene
 Concen: 85.15 ng
 RT: 13.28 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Tgt Ion:	237	Resp:	84327
Ion	Ratio	Lower	Upper
237	100		
235	59.7	39.4	79.4
272	11.6	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: 155.97 ng

RT: 16.58 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampled :

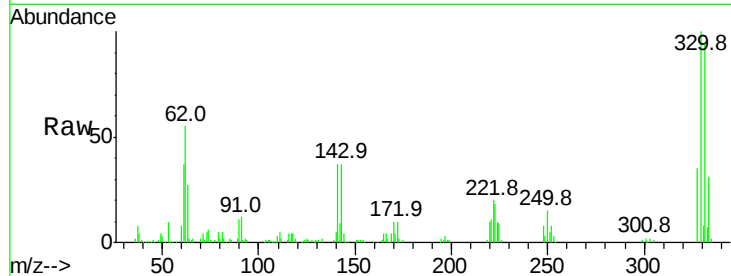
Tot Ion:330 Resp: 136996

Ion Ratio Lower Upper

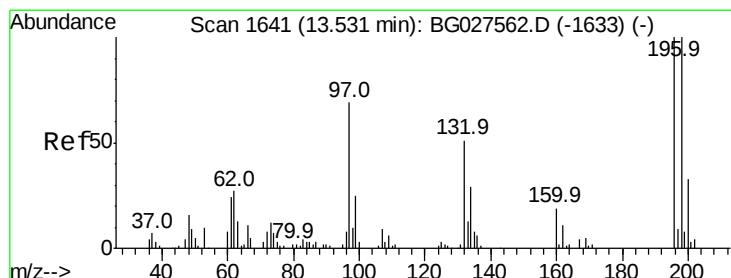
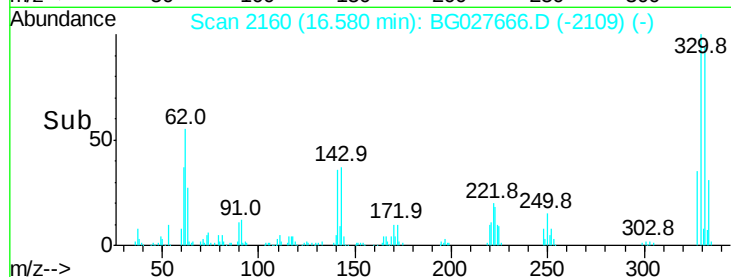
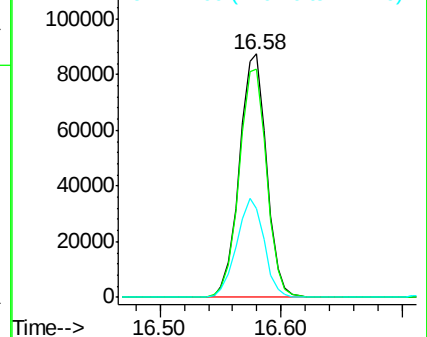
330 100

332 95.1 77.3 115.9

141 41.1 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: 56.48 ng

RT: 13.53 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

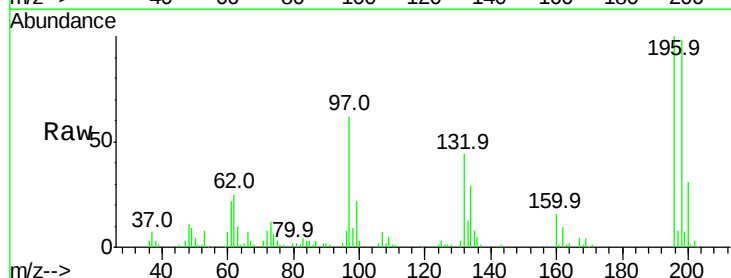
Tgt Ion:196 Resp: 67424

Ion Ratio Lower Upper

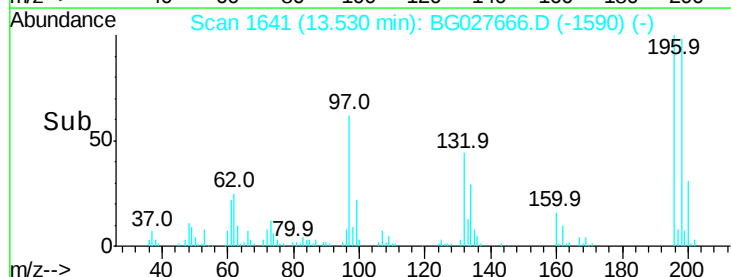
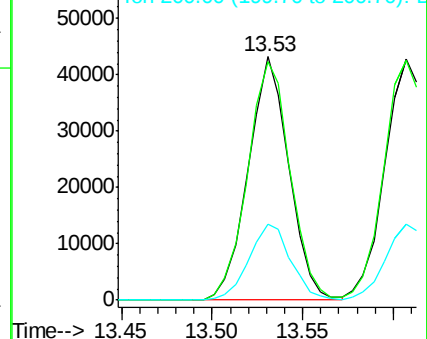
196 100

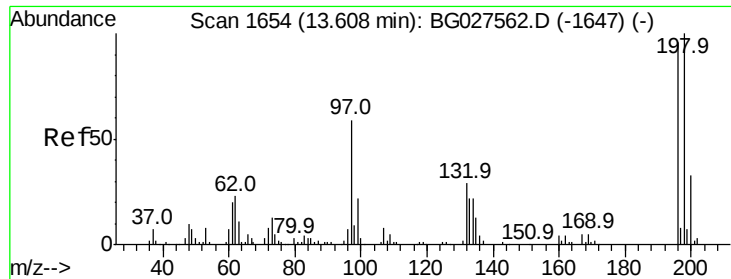
198 98.2 81.4 122.2

200 31.1 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

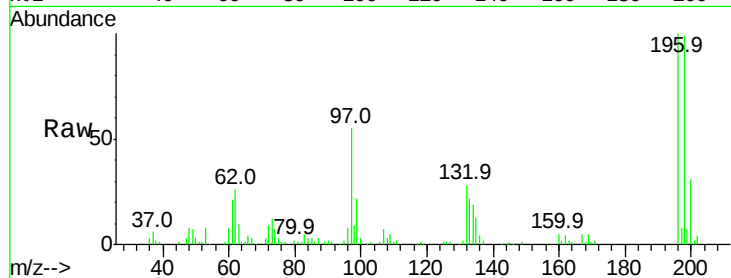




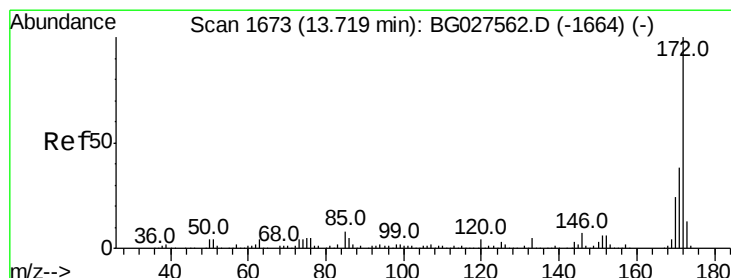
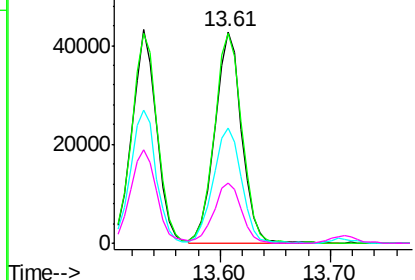
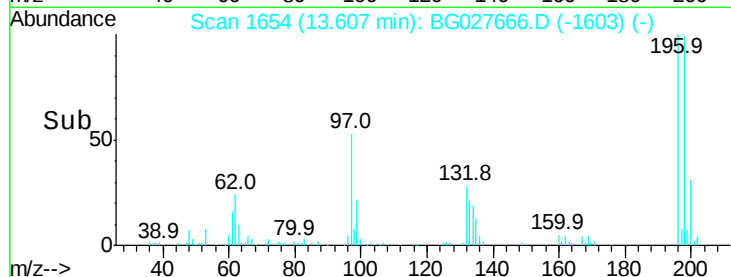
#43
 2,4,5-Trichlorophenol
 Concen: 51.12 ng
 RT: 13.61 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 71710
 Ion Ratio Lower Upper
 196 100
 198 99.4 79.9 119.9
 97 54.6 45.4 68.0
 132 28.4 20.7 31.1

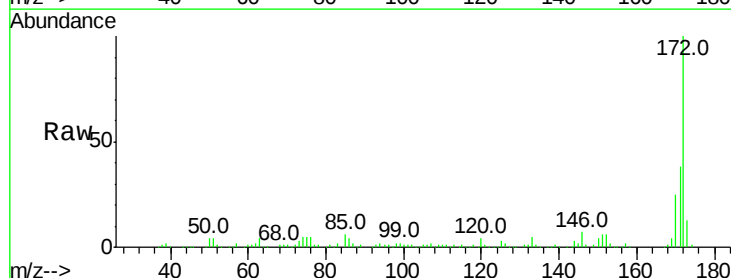


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

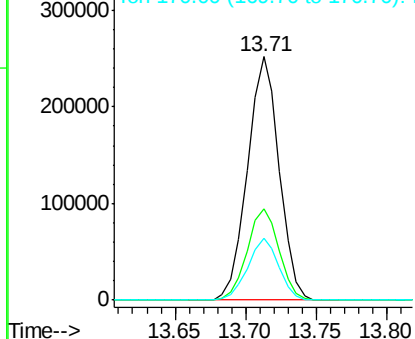
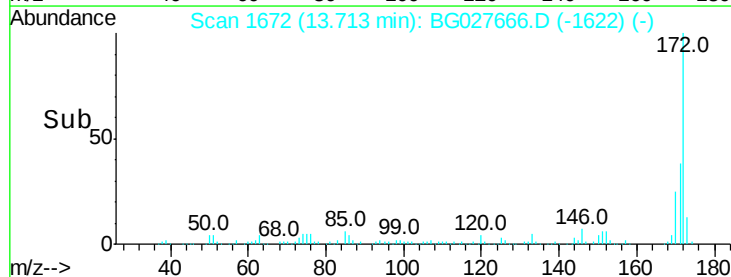


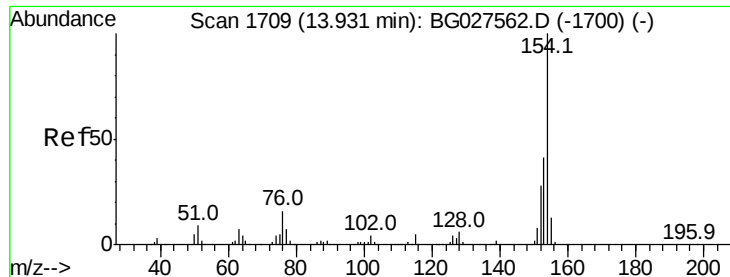
#44
 2-Fluorobiphenyl
 Concen: 91.81 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Tgt Ion:172 Resp: 395964
 Ion Ratio Lower Upper
 172 100
 171 37.7 32.2 48.2
 170 25.3 21.8 32.6



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





#45

1,1'-Biphenyl

Concen: 48.56 ng

RT: 13.92 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

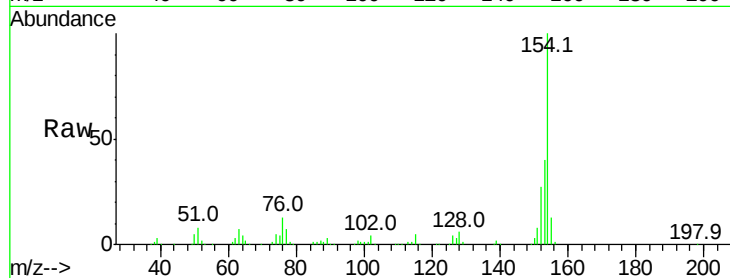
Tot Ion:154 Resp: 238544

Ion Ratio Lower Upper

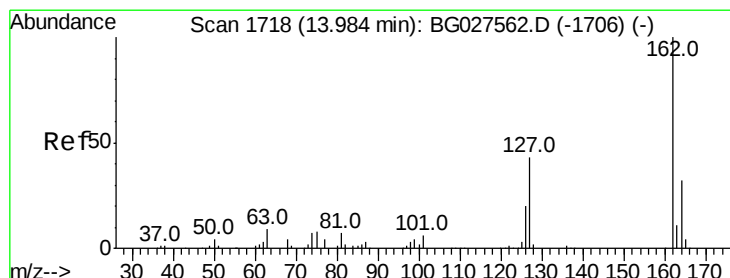
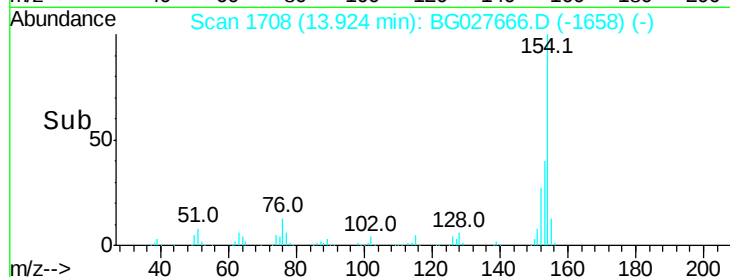
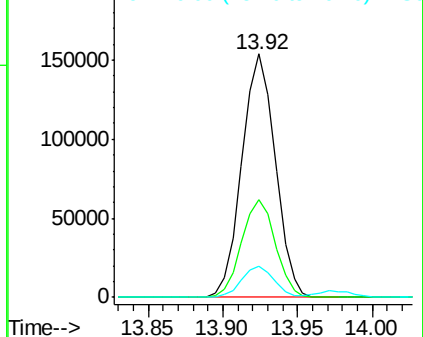
154 100

153 40.2 23.0 63.0

76 12.7 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: 48.08 ng

RT: 13.98 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

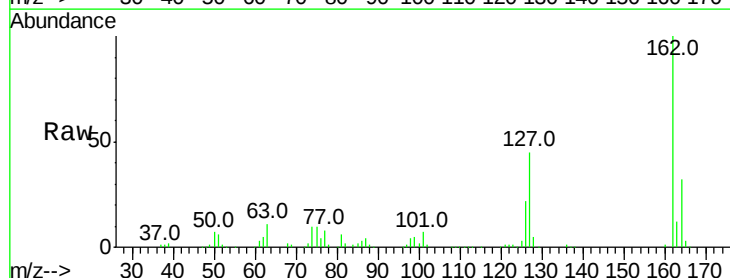
Tgt Ion:162 Resp: 175649

Ion Ratio Lower Upper

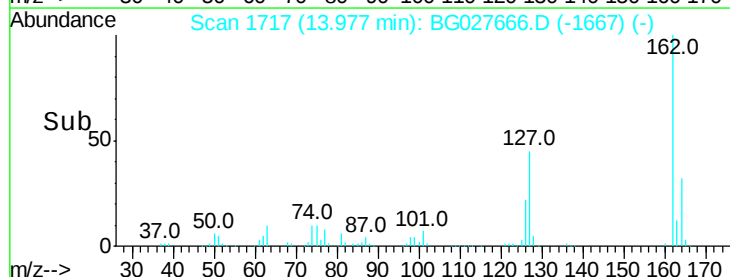
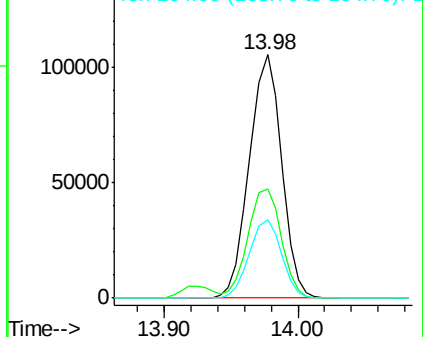
162 100

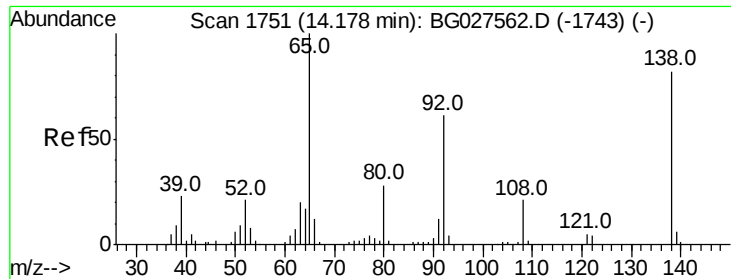
127 44.9 32.2 48.4

164 32.5 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

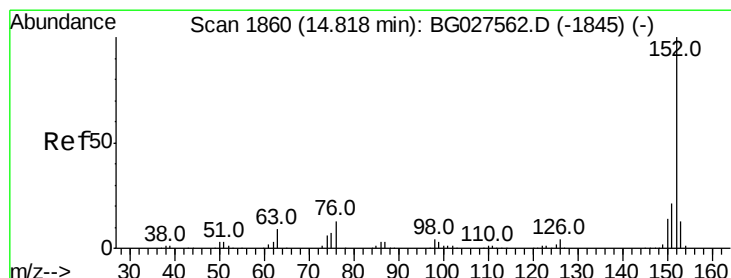
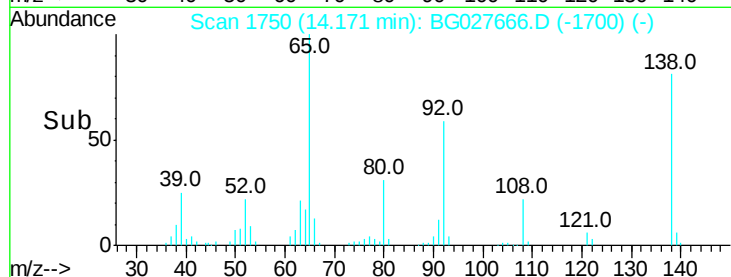
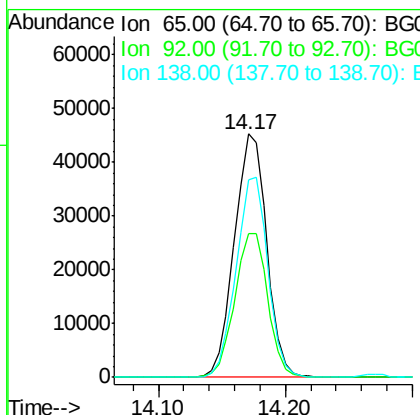
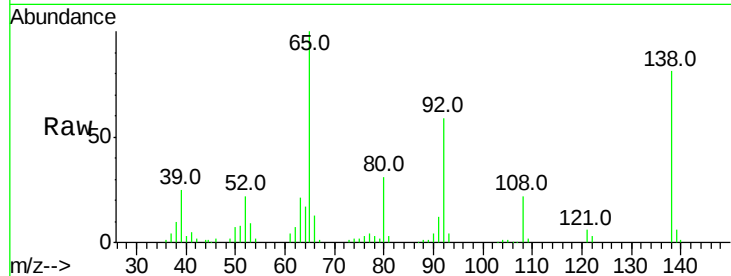




#47
2-Nitroaniline
Concen: 48.66 ng
RT: 14.17 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

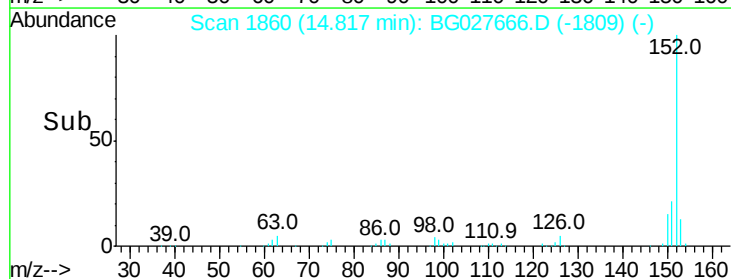
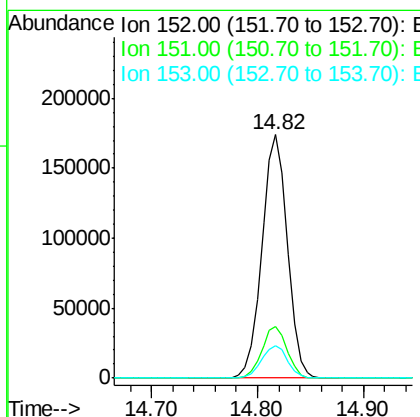
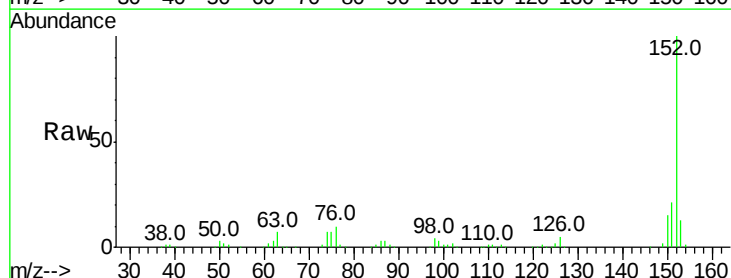
Instrument :
BNA_G
ClientSampled :

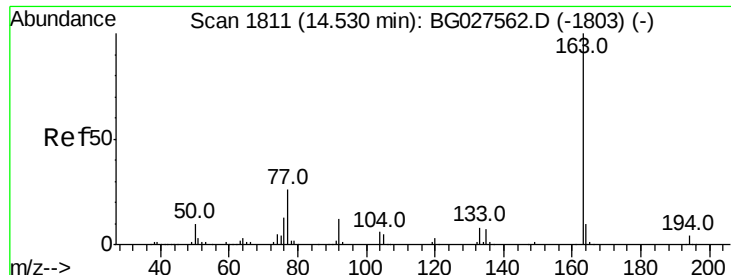
Tot Ion	65	Resp	79808
Ion Ratio	100	Lower	Upper
65	100		
92	58.9	49.0	73.4
138	80.9	58.6	87.8



#48
Acenaphthylene
Concen: 45.42 ng
RT: 14.82 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Tgt Ion	152	Resp	290759
Ion Ratio	100	Lower	Upper
152	100		
151	21.2	18.2	27.2
153	13.3	11.3	16.9





#49

Dimethylphthalate

Concen: 65.66 ng

RT: 14.53 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

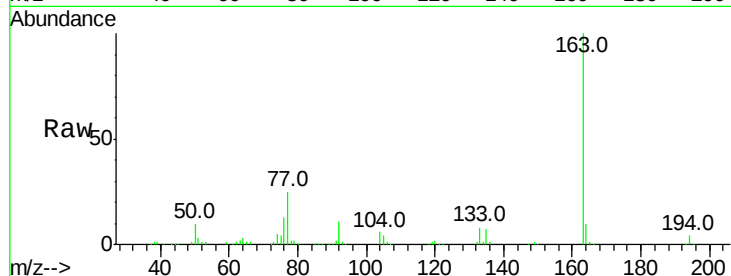
Tot Ion:163 Resp: 338684

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

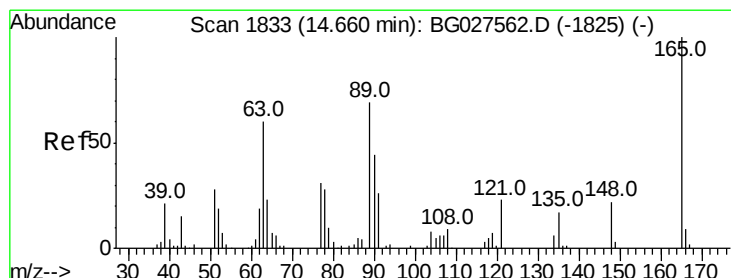
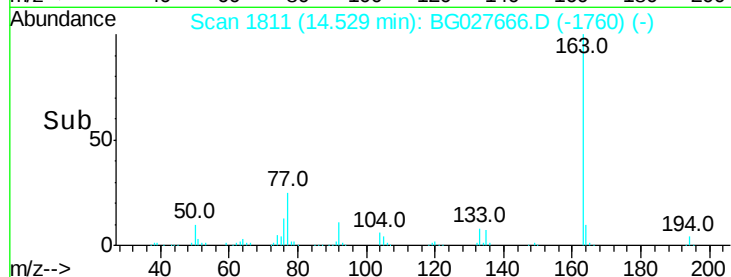
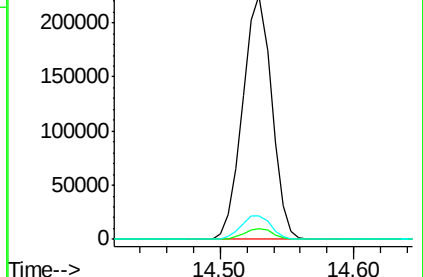
164 9.8 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.89 ng

RT: 14.65 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

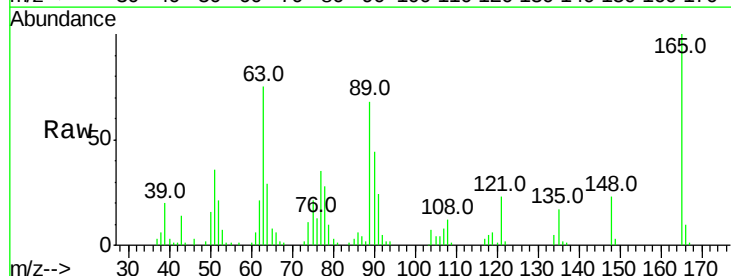
Tgt Ion:165 Resp: 58080

Ion Ratio Lower Upper

165 100

63 74.9 63.9 95.9

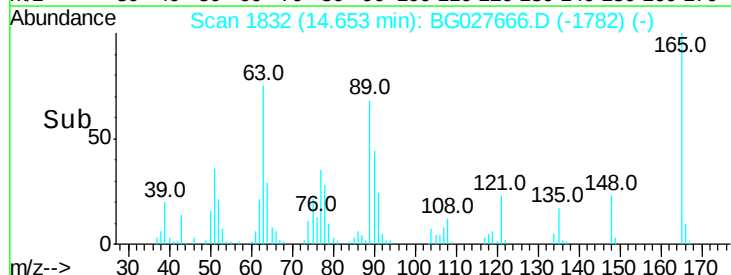
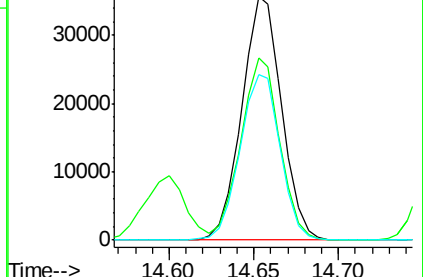
89 68.0 58.6 88.0

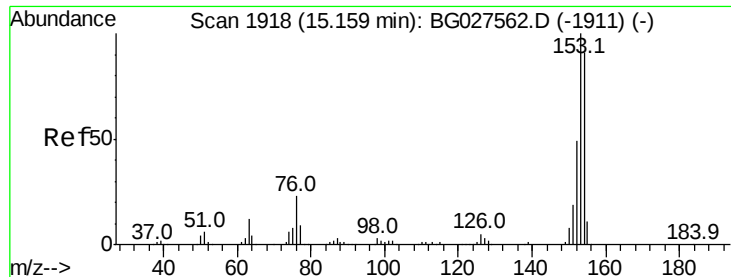


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 42.93 ng

RT: 15.15 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

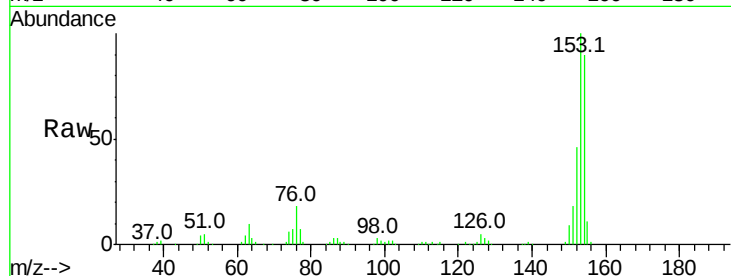
Tot Ion:154 Resp: 191511

Ion Ratio Lower Upper

154 100

153 110.9 87.8 131.6

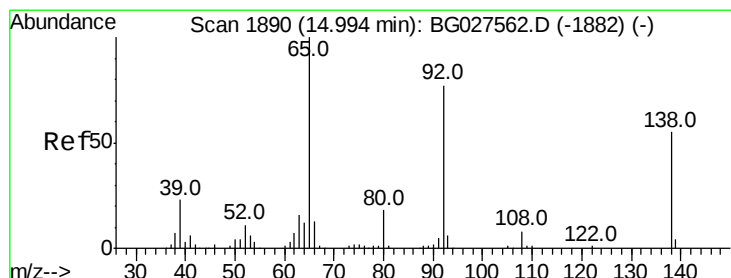
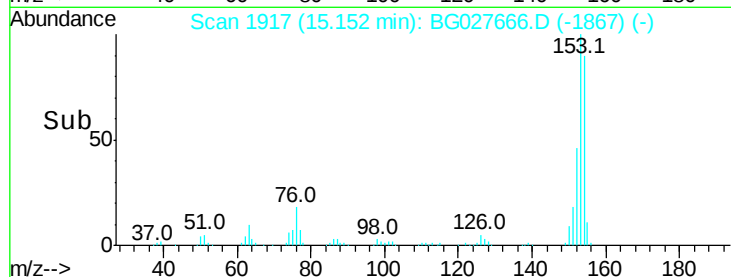
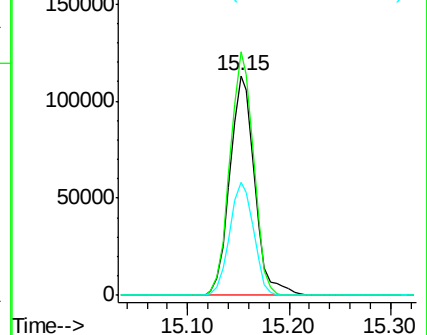
152 51.5 42.2 63.4



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: 27.14 ng

RT: 14.99 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

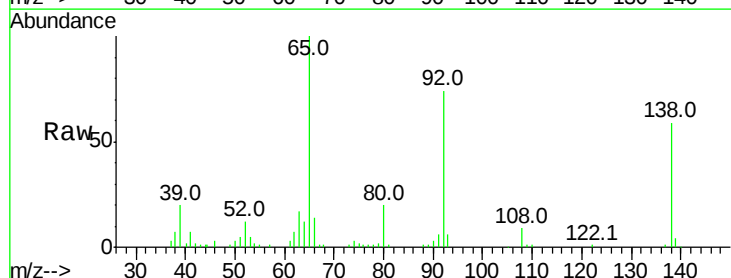
Tgt Ion:138 Resp: 32061

Ion Ratio Lower Upper

138 100

108 15.4 10.9 16.3

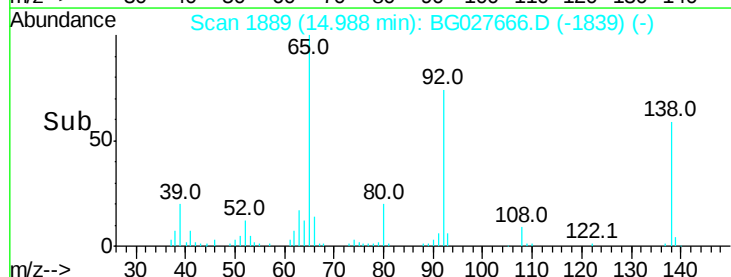
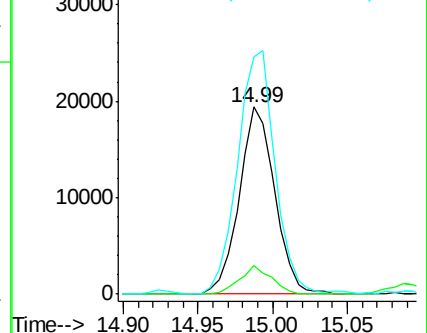
92 126.9 115.3 172.9

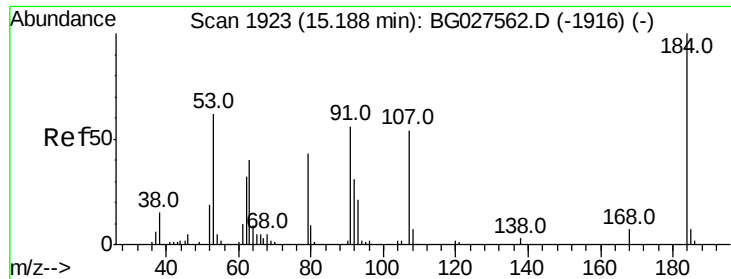


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

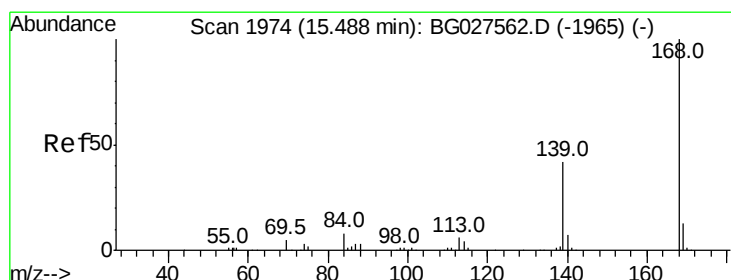
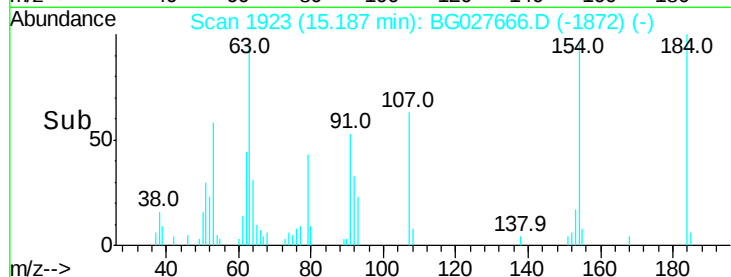
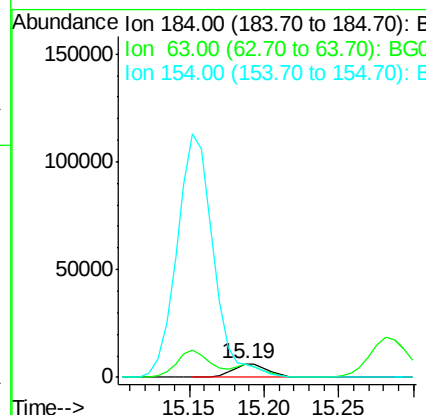
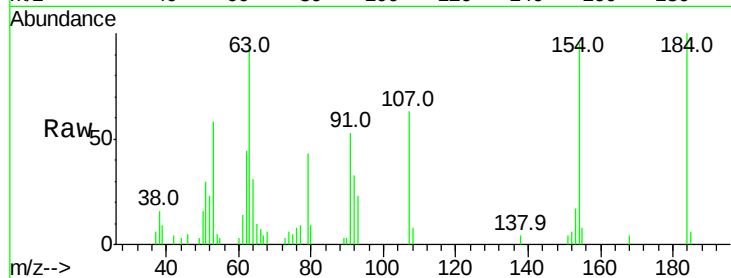




#53
 2,4-Dinitrophenol
 Concen: 16.47 ng
 RT: 15.19 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

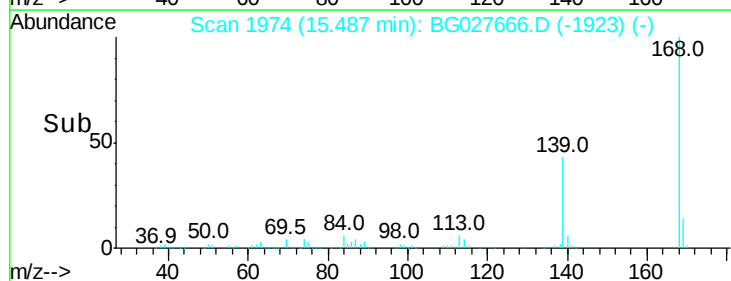
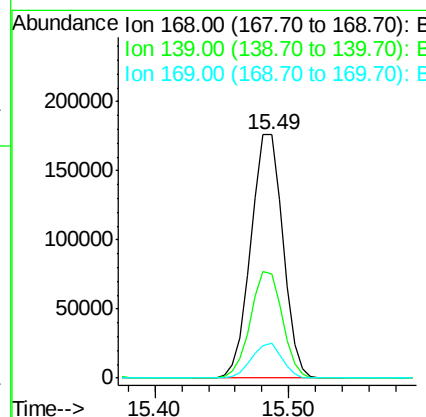
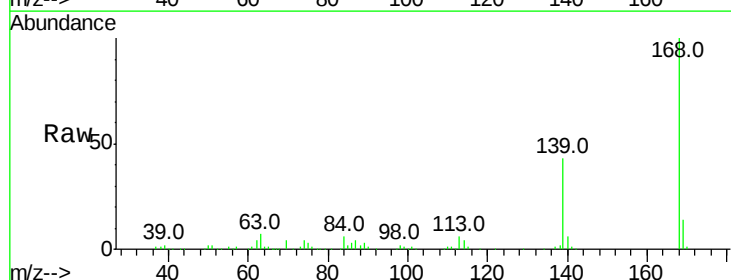
Instrument :
 BNA_G
 ClientSampleId :

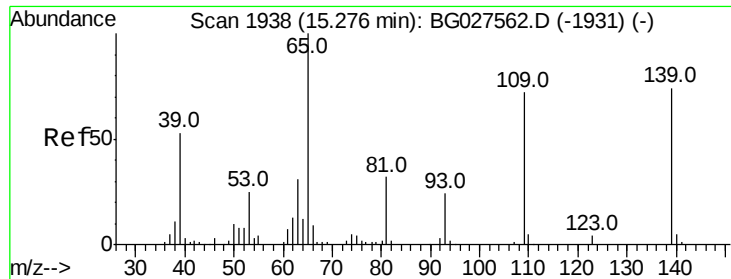
Tot Ion:184 Resp: 10420
 Ion Ratio Lower Upper
 184 100
 63 93.5 52.7 79.1#
 154 95.4 57.3 85.9#



#54
 Dibenzofuran
 Concen: 50.29 ng
 RT: 15.49 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Tgt Ion:168 Resp: 292177
 Ion Ratio Lower Upper
 168 100
 139 42.6 35.3 52.9
 169 14.2 11.5 17.3

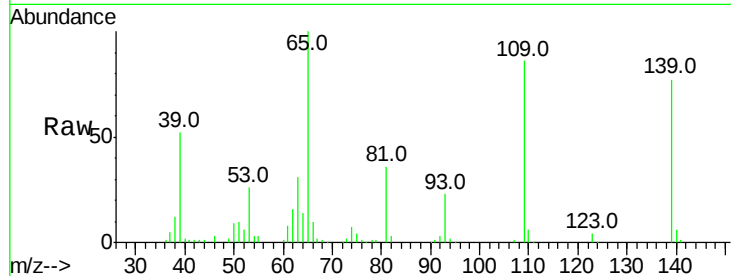




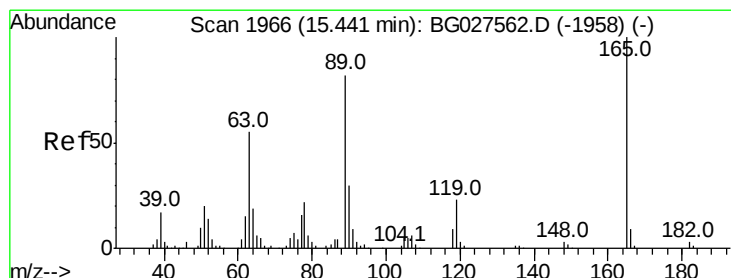
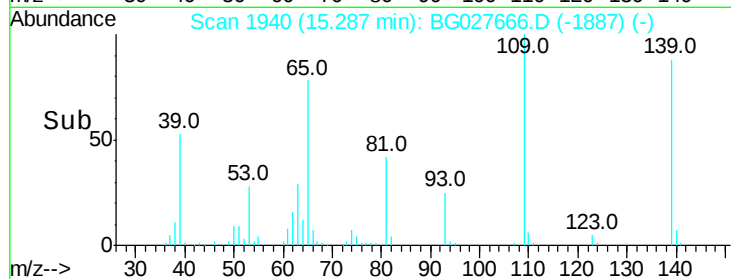
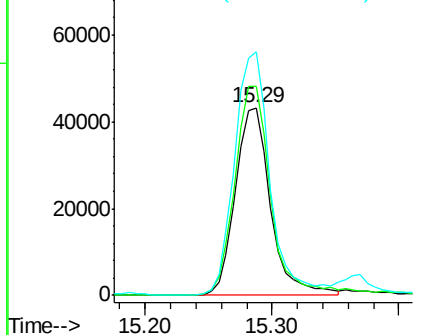
#55
4-Nitrophenol
Concen: 84.27 ng
RT: 15.29 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 83364
Ion Ratio Lower Upper
139 100
109 111.2 101.2 141.2
65 129.6 135.3 175.3#

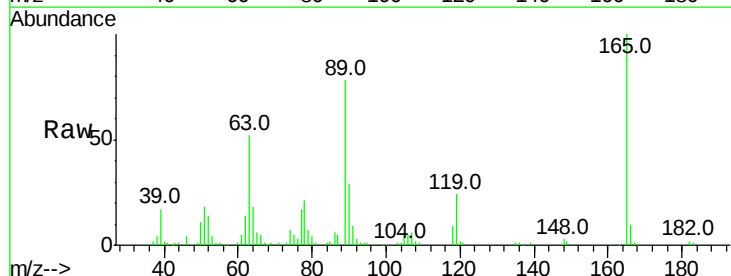


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

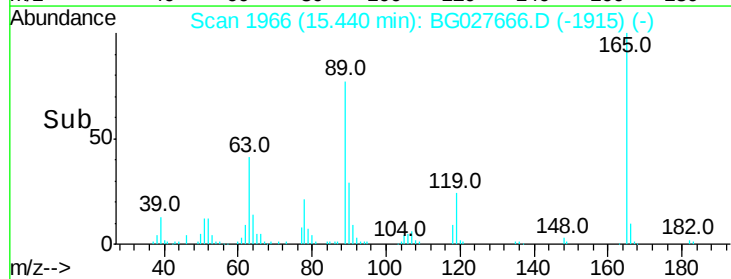
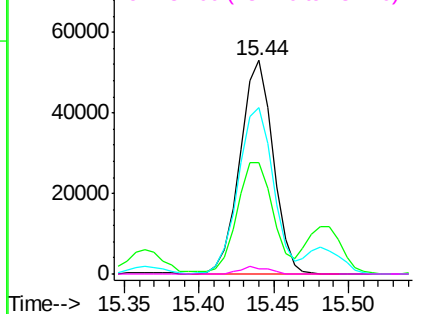


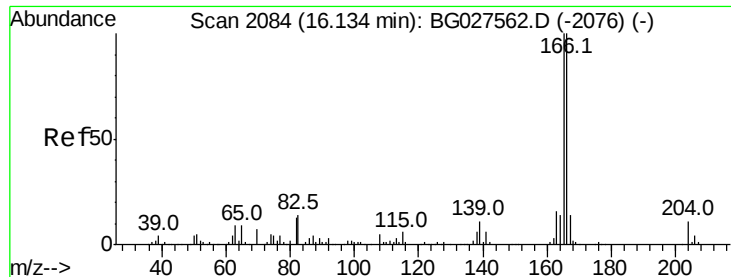
#56
2,4-Dinitrotoluene
Concen: 51.38 ng
RT: 15.44 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Tgt Ion:165 Resp: 81548
Ion Ratio Lower Upper
165 100
63 52.3 44.0 66.0
89 78.1 67.3 100.9
182 2.4 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: 46.19 ng

RT: 16.13 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

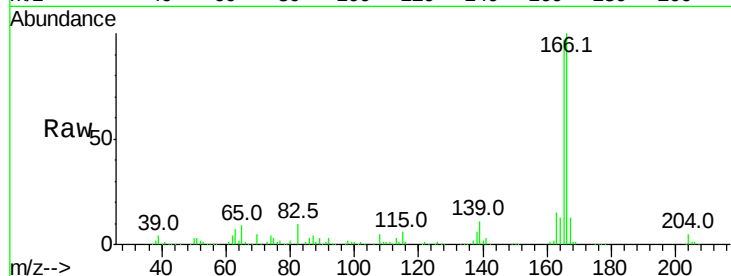
Tot Ion:166 Resp: 254180

Ion Ratio Lower Upper

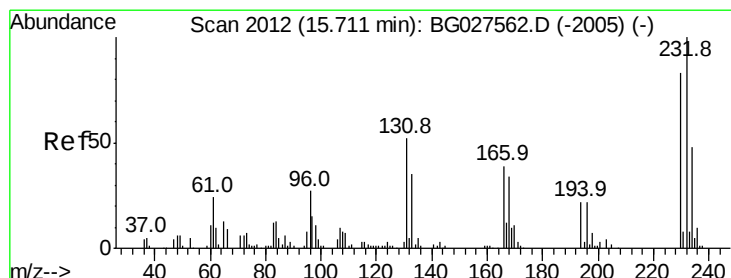
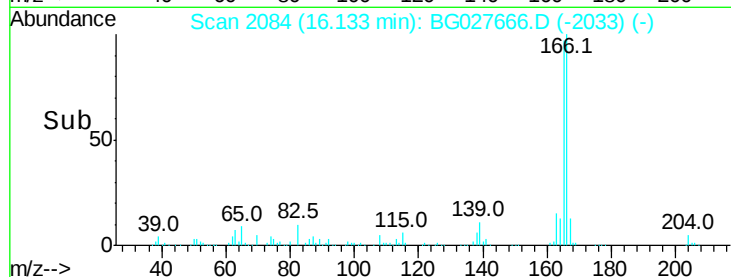
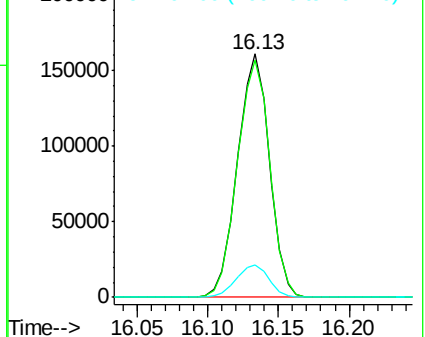
166 100

165 97.5 78.6 117.8

167 13.4 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.67 ng

RT: 15.70 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Tgt Ion:232 Resp: 71240

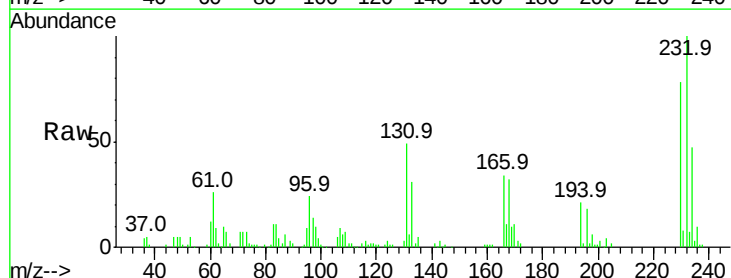
Ion Ratio Lower Upper

232 100

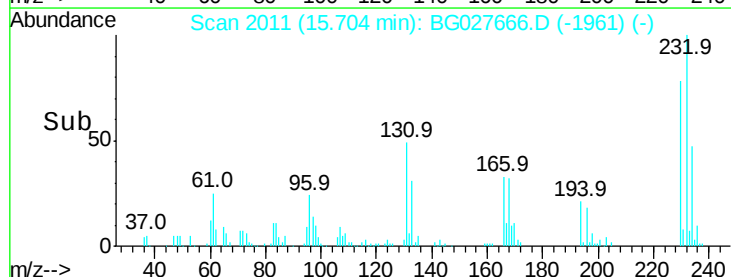
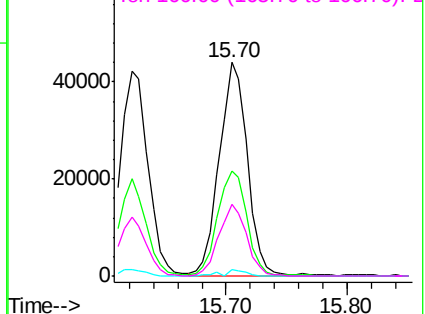
131 50.8 34.9 52.3

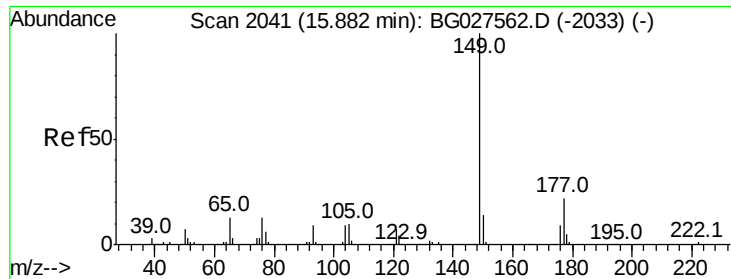
130 2.4 2.3 3.5

166 32.8 24.2 36.4



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

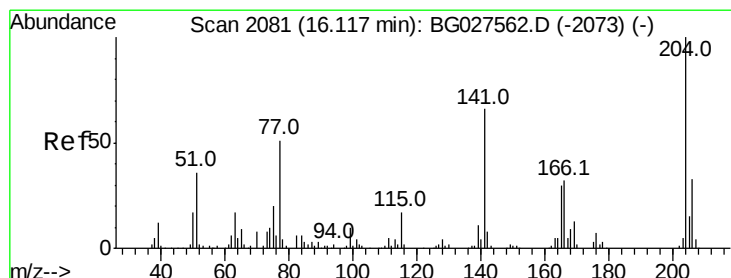
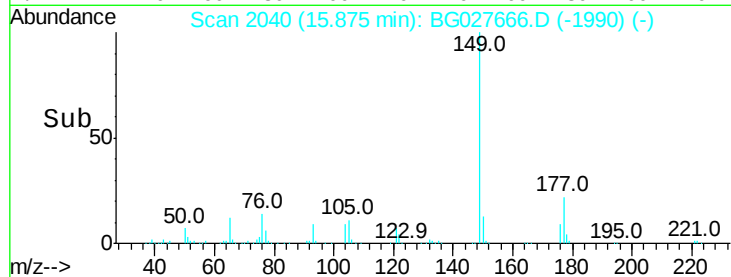
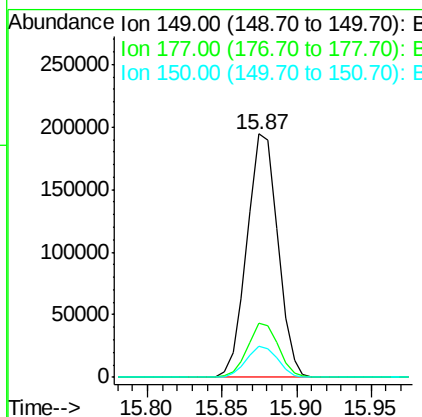
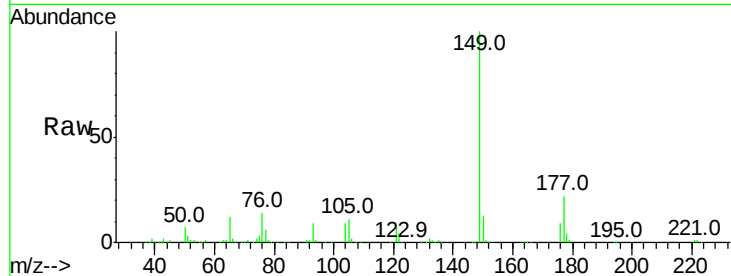




#59
Diethylphthalate
Concen: 49.30 ng
RT: 15.87 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

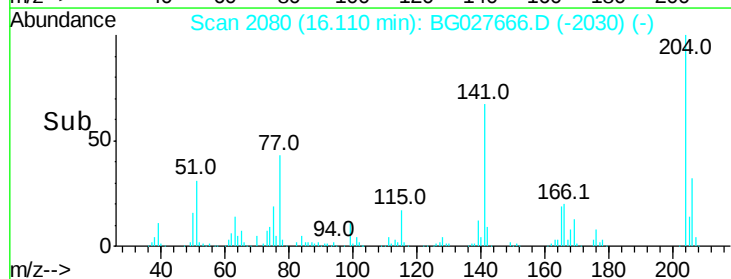
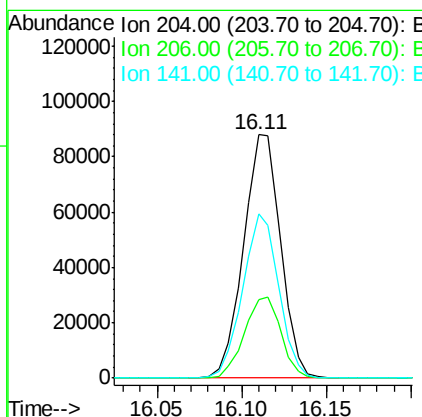
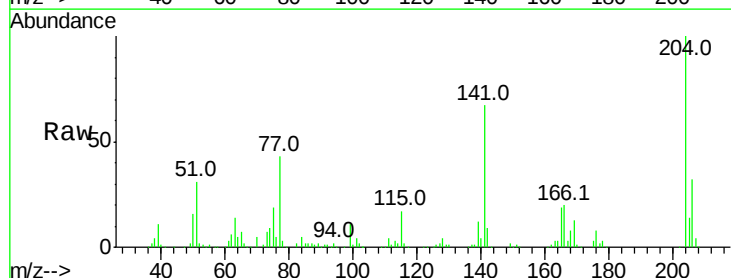
Instrument :
BNA_G
ClientSampled :

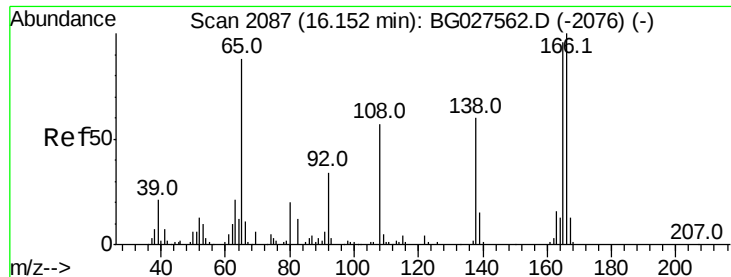
Tot Ion:149 Resp: 277520
Ion Ratio Lower Upper
149 100
177 22.3 20.1 30.1
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 49.56 ng
RT: 16.11 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Tgt Ion:204 Resp: 134202
Ion Ratio Lower Upper
204 100
206 32.3 30.1 45.1
141 67.4 50.6 76.0





#61

4-Nitroaniline

Concen: 46.46 ng

RT: 16.15 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampled :

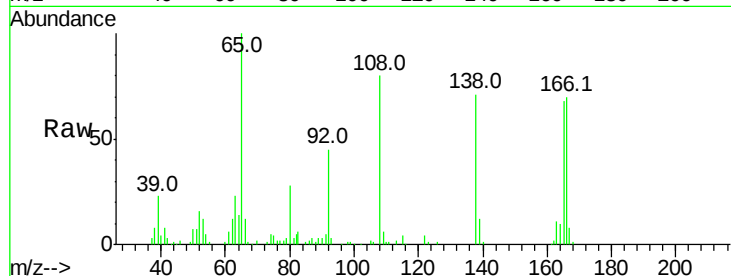
Tot Ion:138 Resp: 60224

Ion Ratio Lower Upper

138 100

92 62.6 44.2 84.2

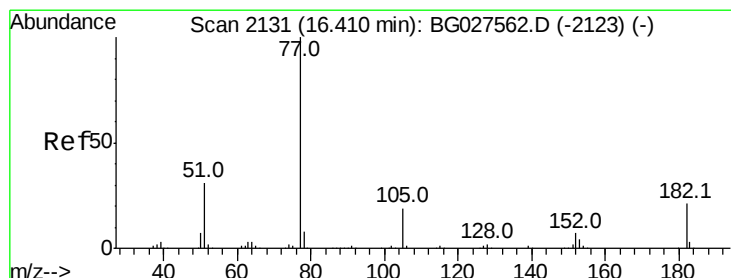
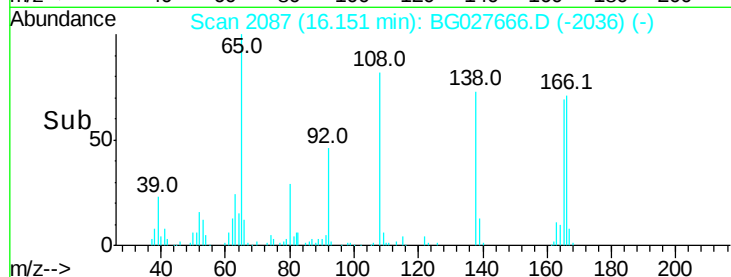
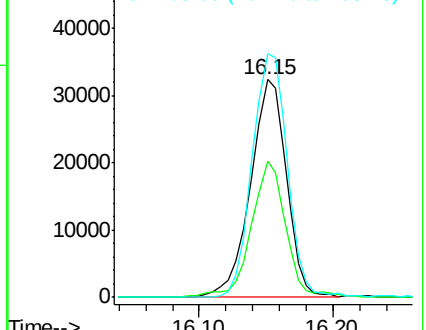
108 111.7 104.8 144.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.22 ng

RT: 16.40 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Tgt Ion: 77 Resp: 266768

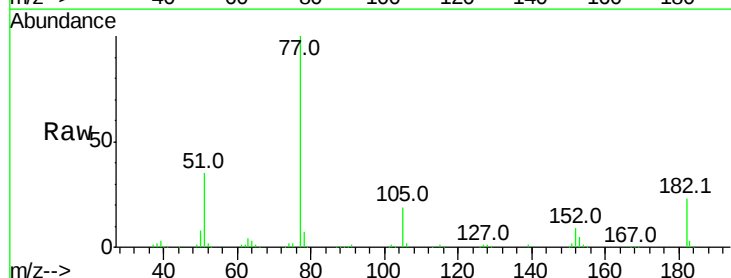
Ion Ratio Lower Upper

77 100

182 23.5 4.7 44.7

105 19.5 0.0 36.3

51 34.6 16.4 56.4

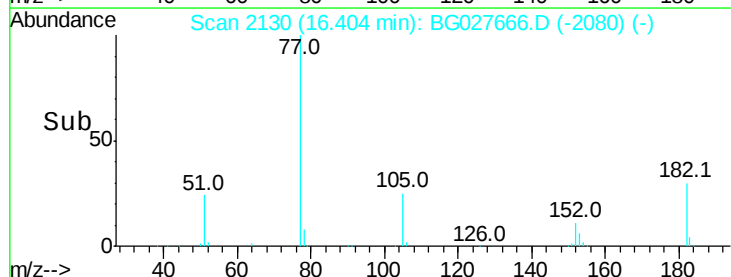
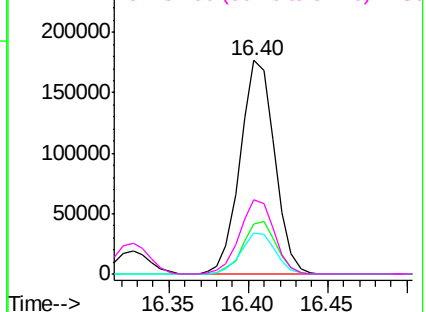


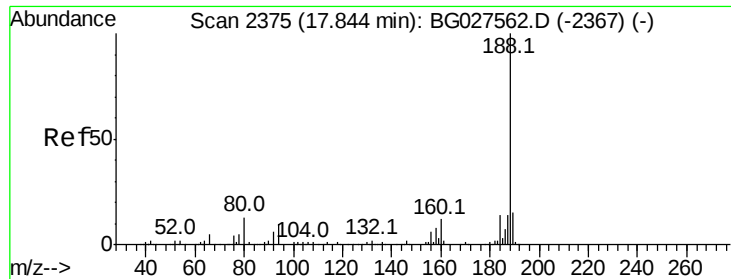
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

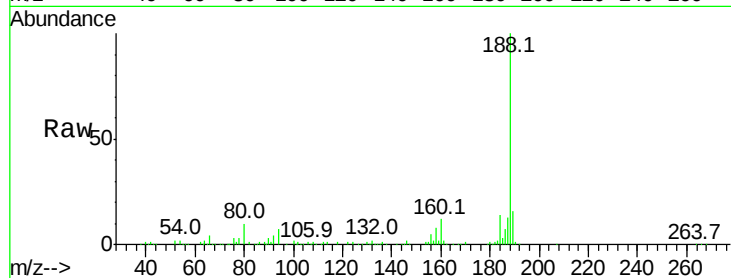




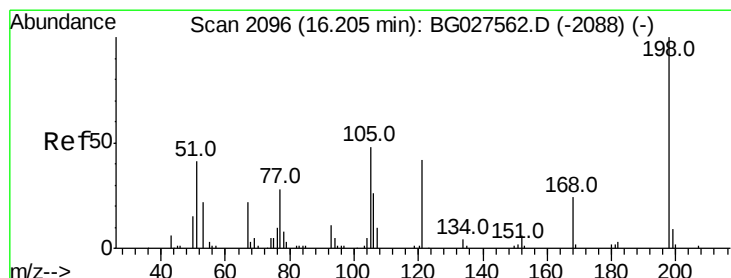
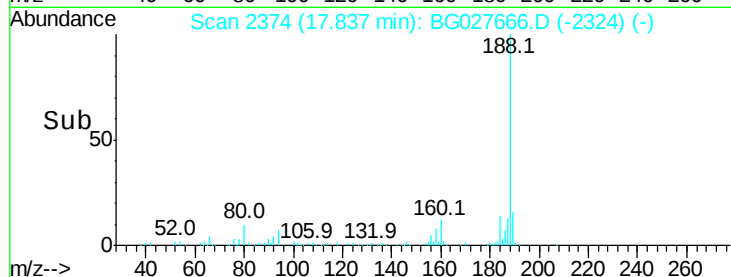
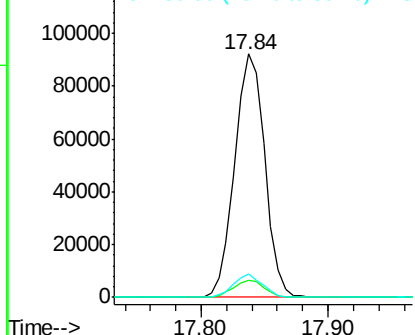
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 151359
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.8
80 9.5 7.5 11.3

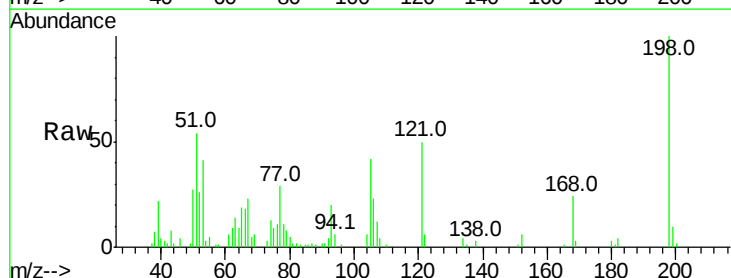


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

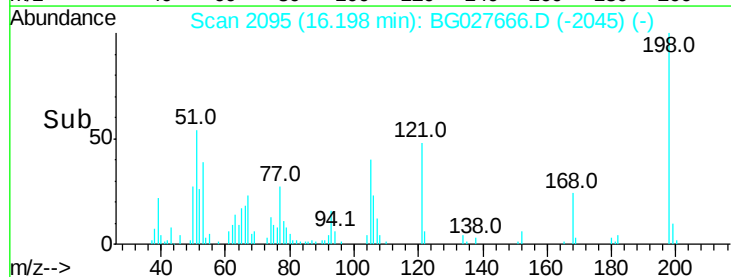
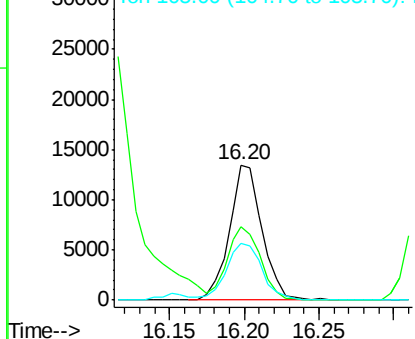


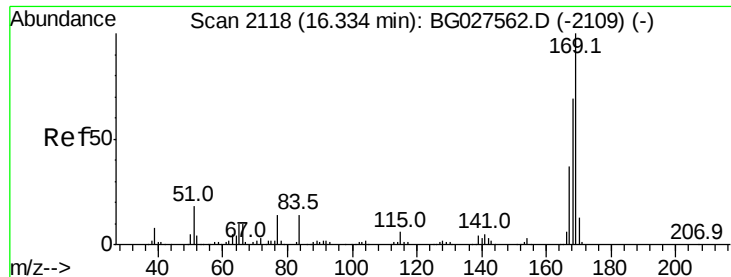
#64
4,6-Dinitro-2-methylphenol
Concen: 21.38 ng
RT: 16.20 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Tgt Ion:198 Resp: 20552
Ion Ratio Lower Upper
198 100
51 54.3 22.6 62.6
105 42.1 14.4 54.4



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

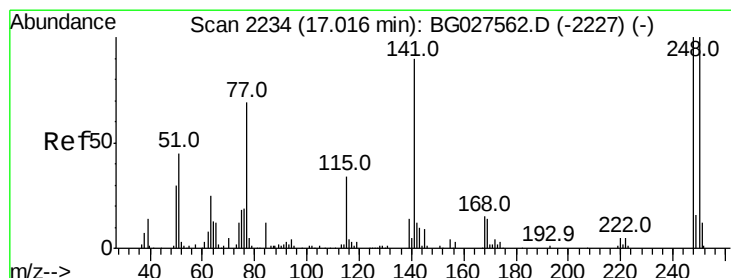
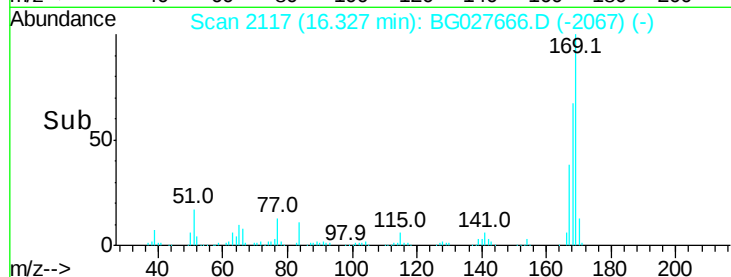
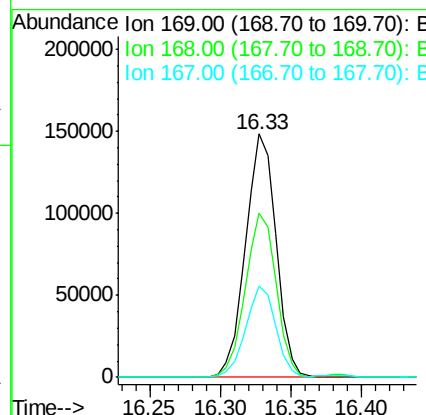
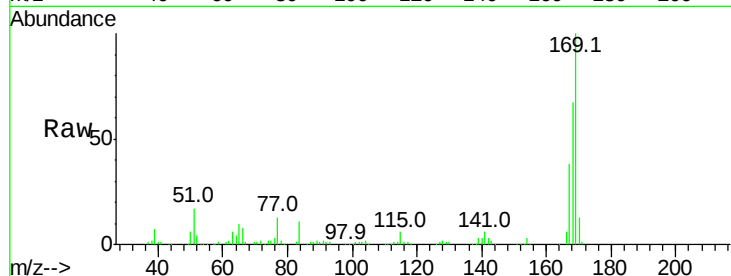




#65
 n-Nitrosodiphenylamine
 Concen: 48.54 ng
 RT: 16.33 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

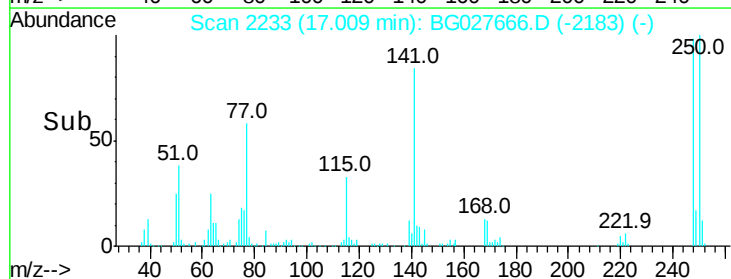
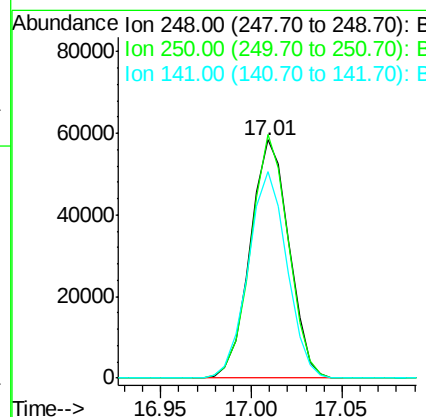
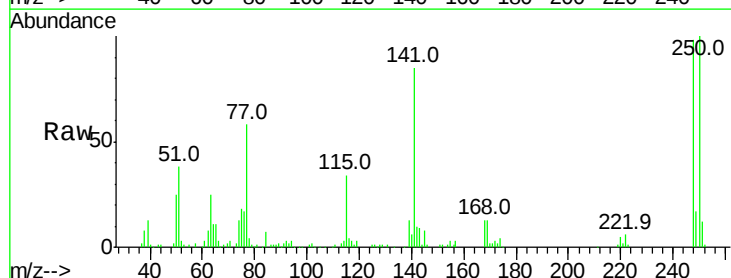
Instrument :
 BNA_G
 ClientSampleId :

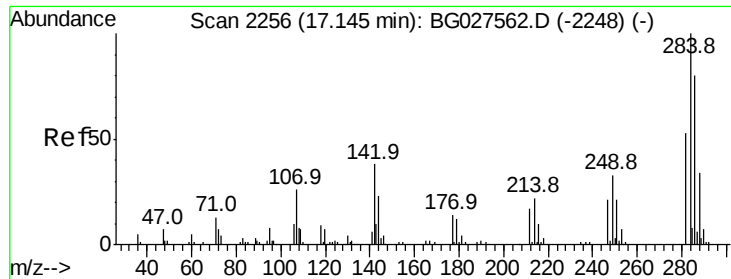
Tot Ion:169 Resp: 225230
 Ion Ratio Lower Upper
 169 100
 168 67.3 55.7 83.5
 167 37.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 52.25 ng
 RT: 17.01 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Tgt Ion:248 Resp: 86981
 Ion Ratio Lower Upper
 248 100
 250 102.3 75.0 112.6
 141 86.5 55.2 82.8#





#67

Hexachlorobenzene

Concen: 48.97 ng

RT: 17.14 min Scan# 2255

Delta R.T. -0.01 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampled :

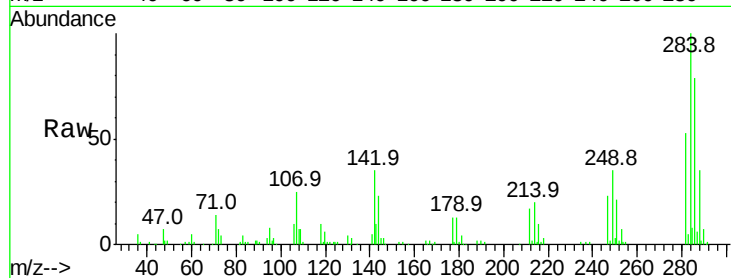
Tot Ion:284 Resp: 87122

Ion Ratio Lower Upper

284 100

142 35.2 29.9 44.9

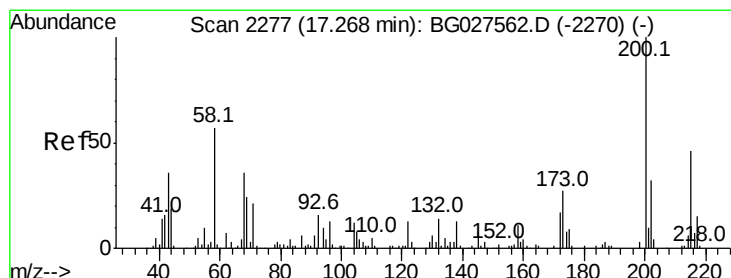
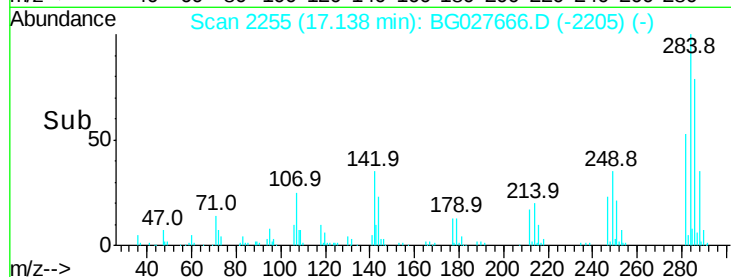
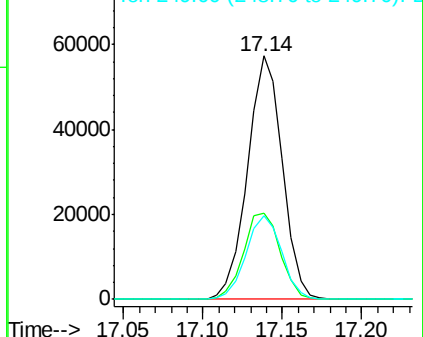
249 34.6 29.2 43.8



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: 52.72 ng

RT: 17.27 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

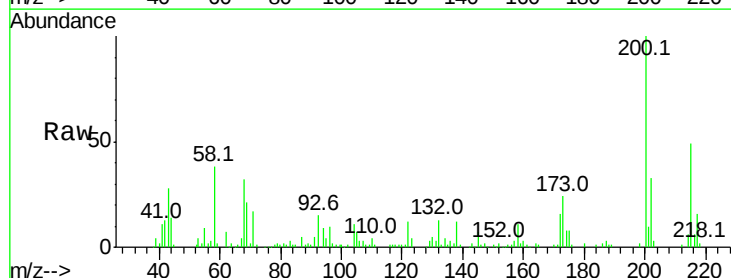
Tgt Ion:200 Resp: 89604

Ion Ratio Lower Upper

200 100

173 24.5 3.0 43.0

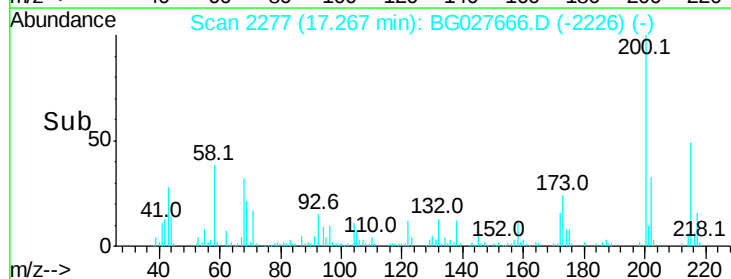
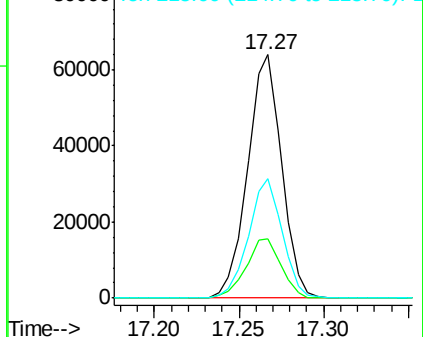
215 49.0 28.4 68.4

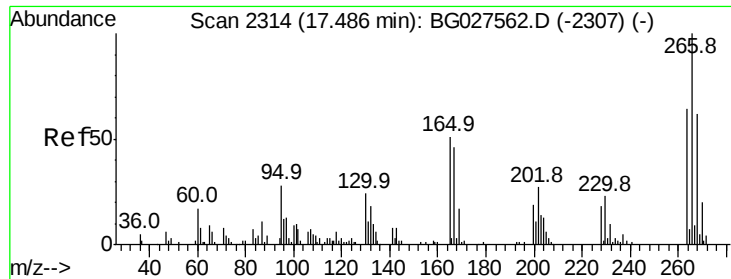


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

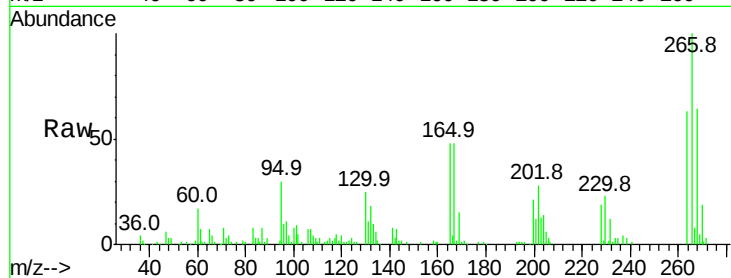




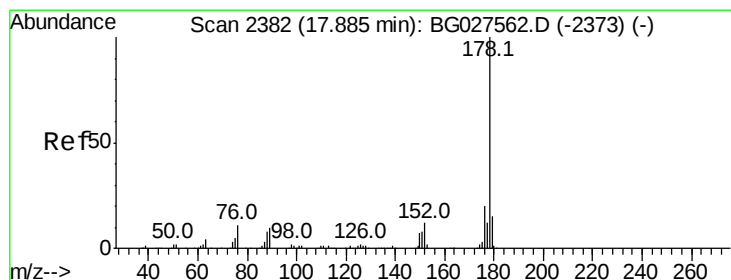
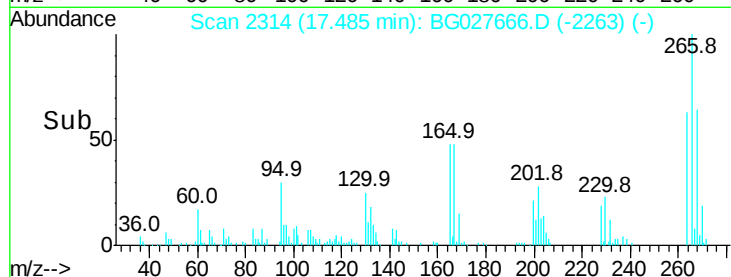
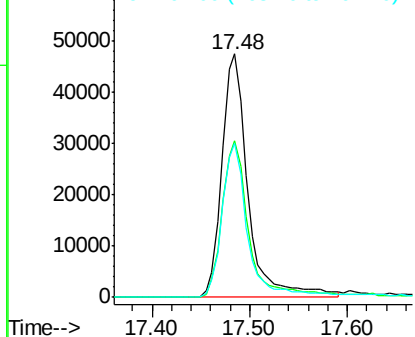
#69
 Pentachlorophenol
 Concen: 80.36 ng
 RT: 17.48 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 88804
 Ion Ratio Lower Upper
 266 100
 268 64.2 48.6 72.8
 264 63.1 50.1 75.1

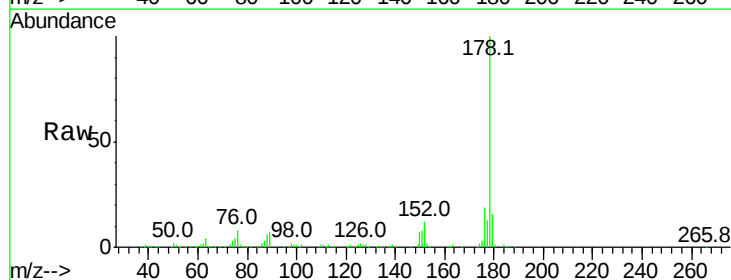


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

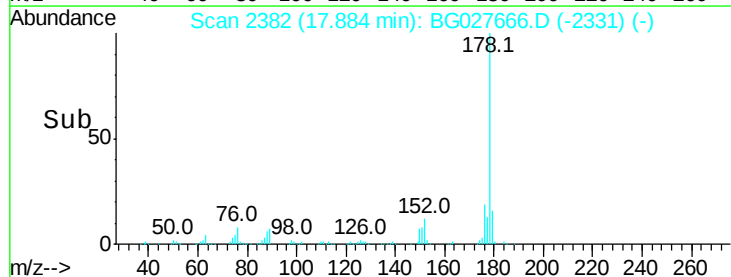
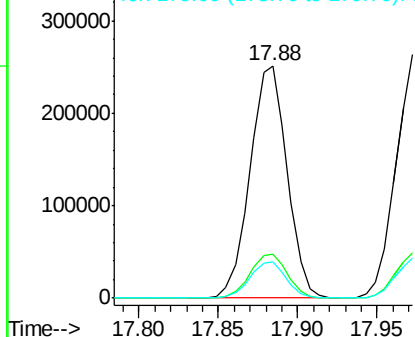


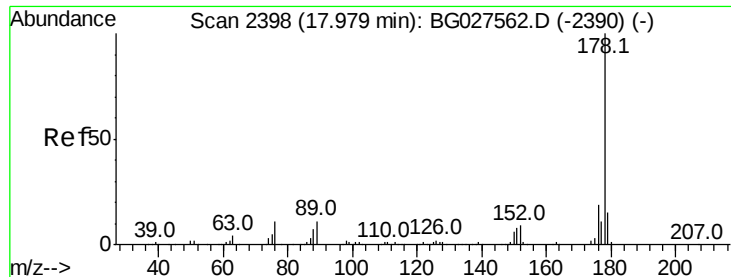
#70
 Phenanthrene
 Concen: 47.33 ng
 RT: 17.88 min Scan# 2382
 Delta R.T. -0.00 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Tgt Ion:178 Resp: 407571
 Ion Ratio Lower Upper
 178 100
 176 19.2 17.7 26.5
 179 15.6 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

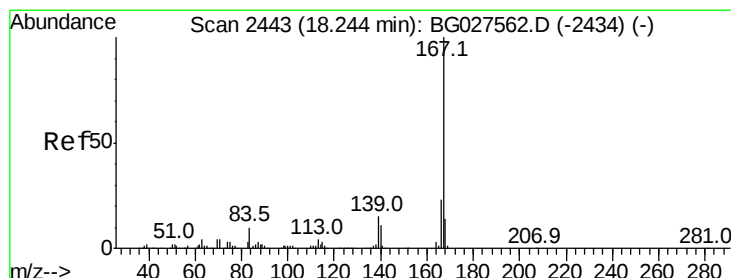
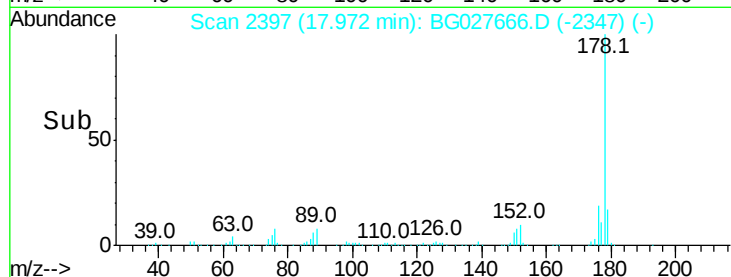
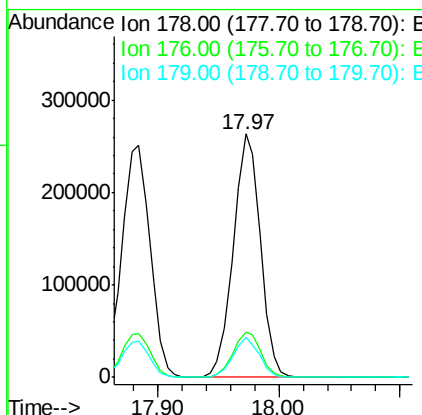
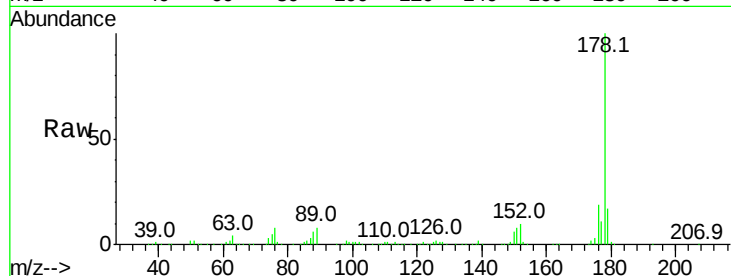




#71
 Anthracene
 Concen: 47.42 ng
 RT: 17.97 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

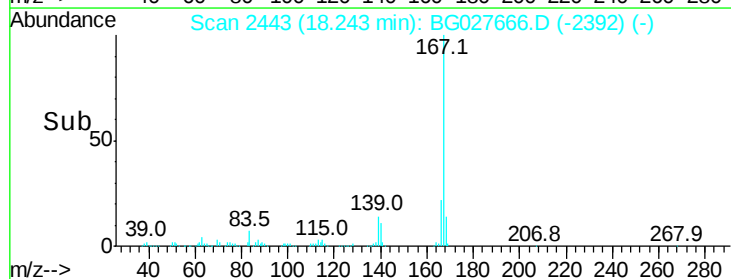
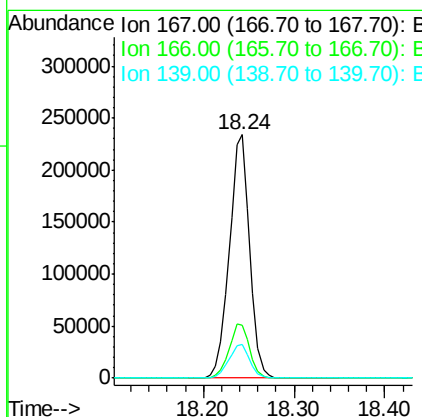
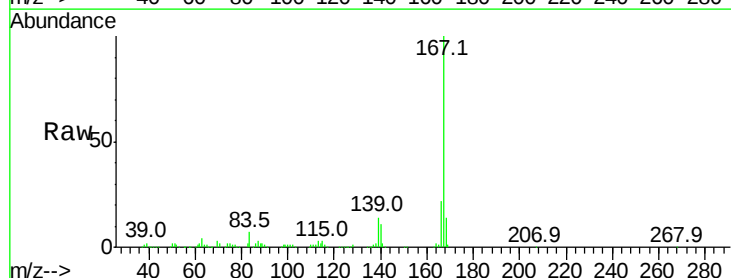
Instrument :
 BNA_G
 ClientSampleId :

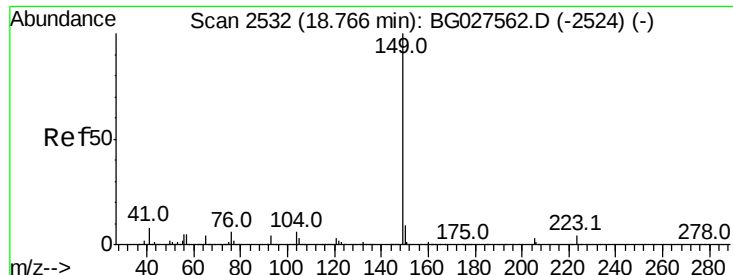
Tot Ion:178 Resp: 411134
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.4 24.6
 179 16.7 13.8 20.8



#72
 Carbazole
 Concen: 43.12 ng
 RT: 18.24 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Tgt Ion:167 Resp: 364153
 Ion Ratio Lower Upper
 167 100
 166 21.7 20.2 30.2
 139 13.7 12.8 19.2

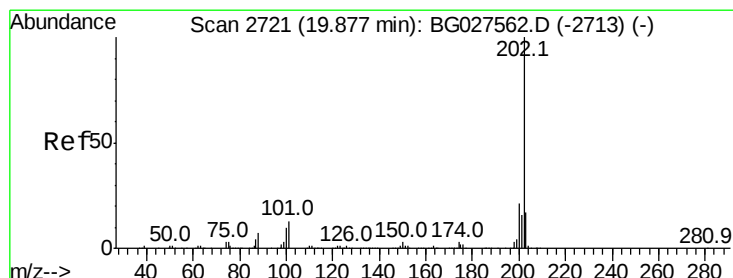
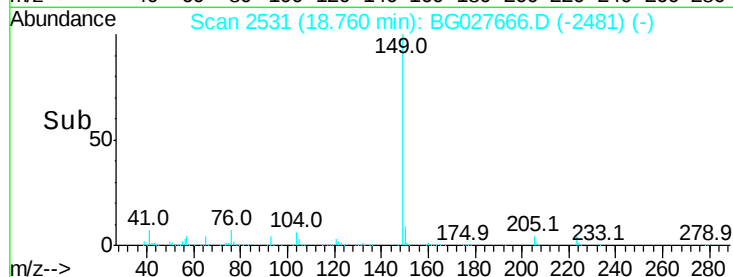
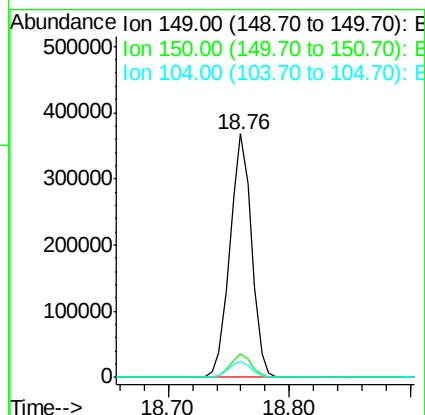
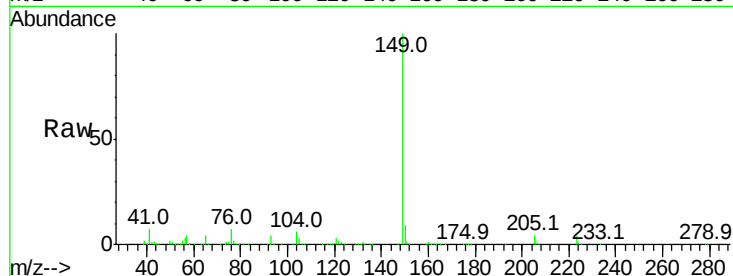




#73
Di-n-butylphthalate
Concen: 48.19 ng
RT: 18.76 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

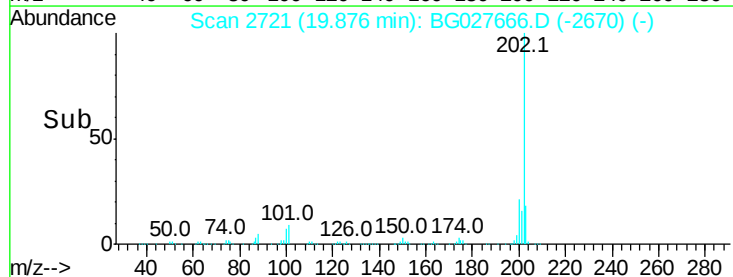
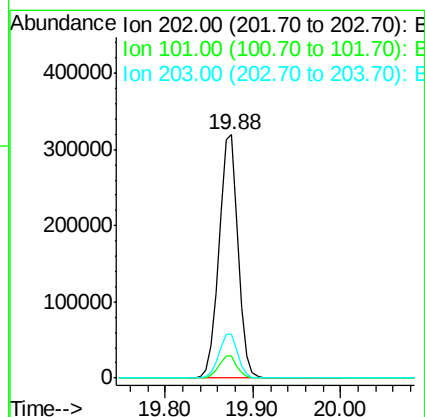
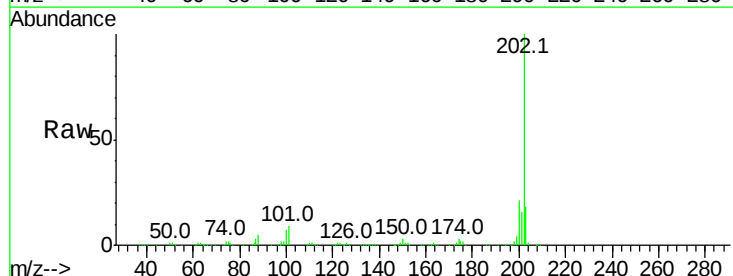
Instrument :
BNA_G
ClientSampleId :

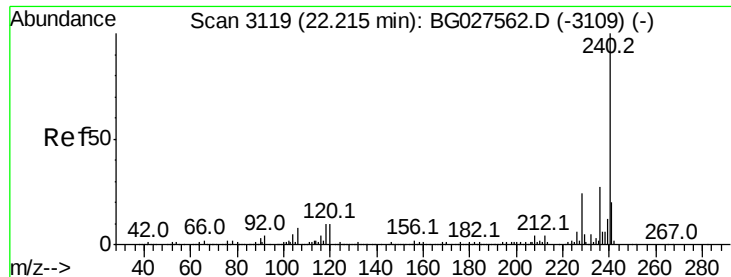
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	9.1	13.7
104	6.3	6.7	10.1



#74
Fluoranthene
Concen: 47.91 ng
RT: 19.88 min Scan# 2721
Delta R.T. -0.00 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.1
203	18.1	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.21 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

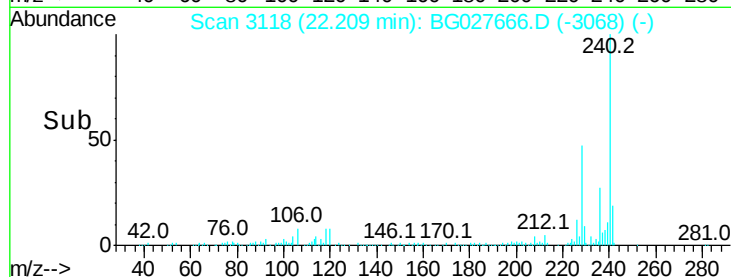
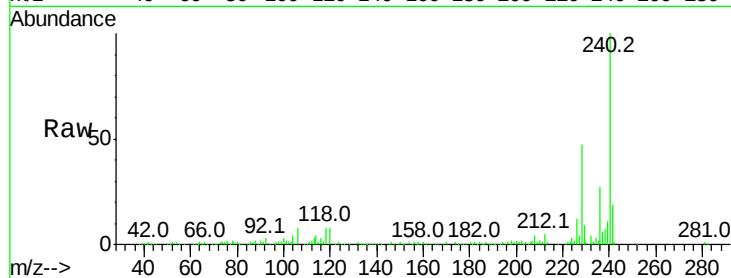
Tot Ion:240 Resp: 175872

Ion Ratio Lower Upper

240 100

120 8.4 5.7 8.5

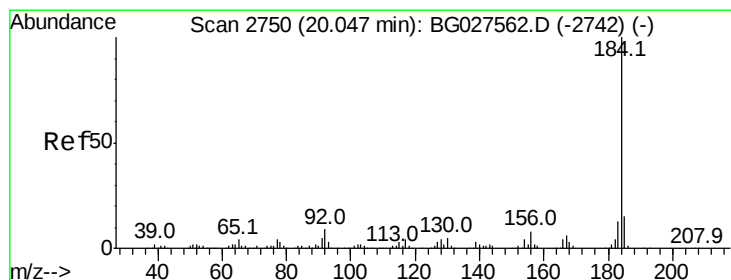
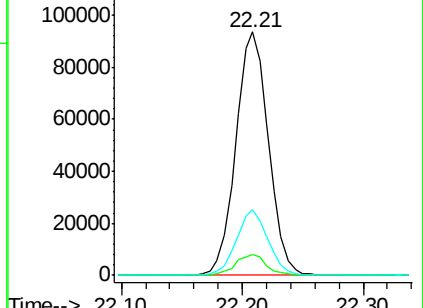
236 26.9 22.2 33.4



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: 27.41 ng

RT: 20.04 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

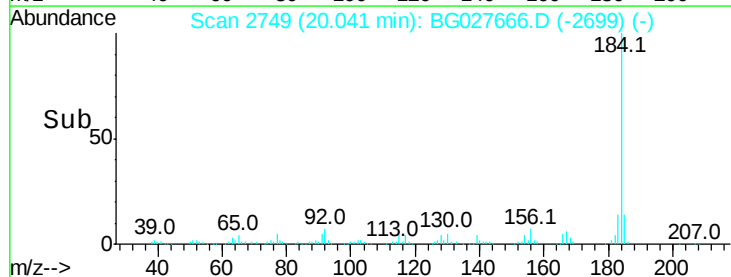
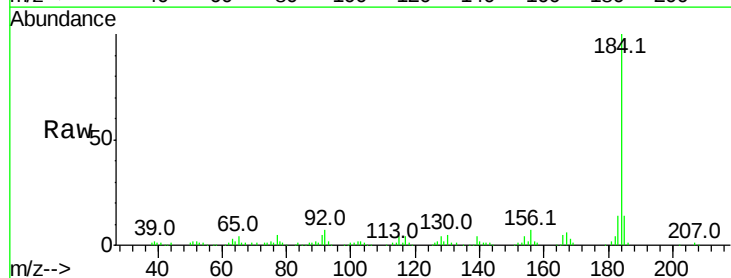
Tgt Ion:184 Resp: 118310

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.6

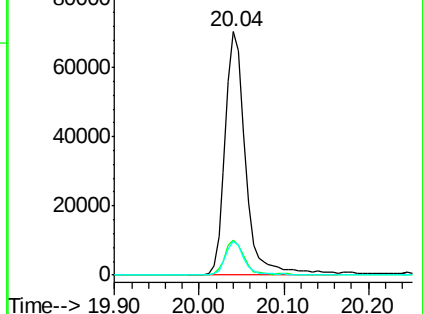
183 14.0 11.0 16.6

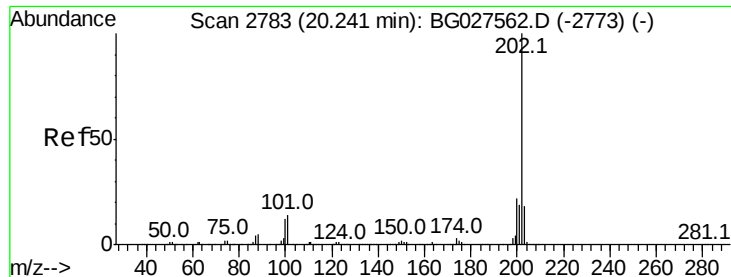


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.23 ng

RT: 20.23 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

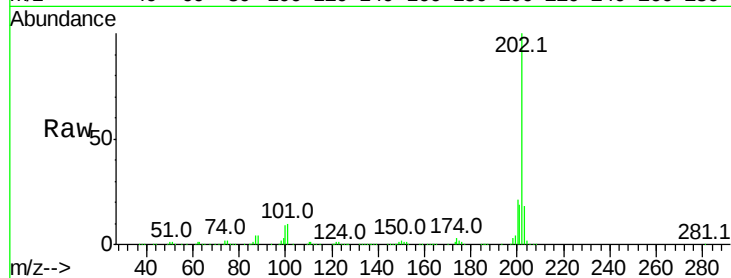
Tot Ion:202 Resp: 494256

Ion Ratio Lower Upper

202 100

200 21.3 19.6 29.4

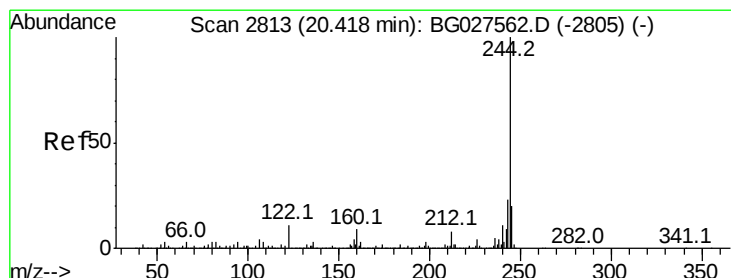
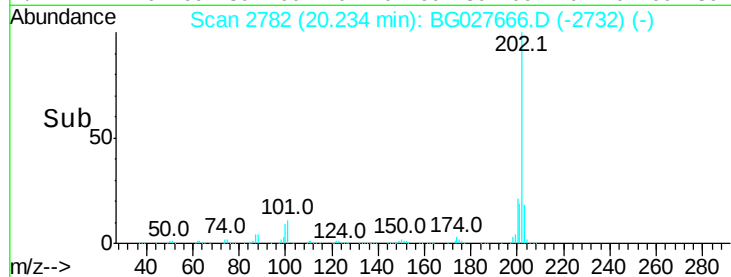
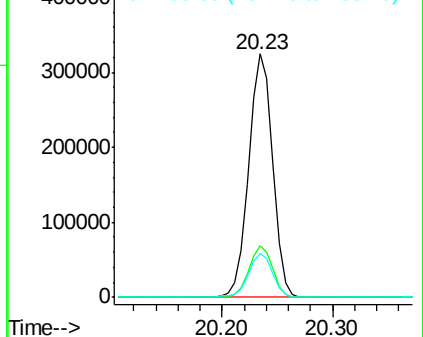
203 18.1 15.8 23.8



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: 95.40 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

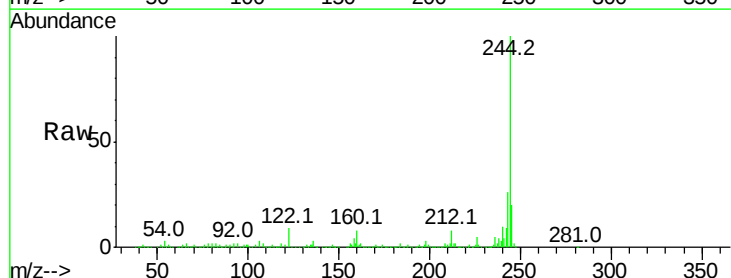
Tgt Ion:244 Resp: 712099

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

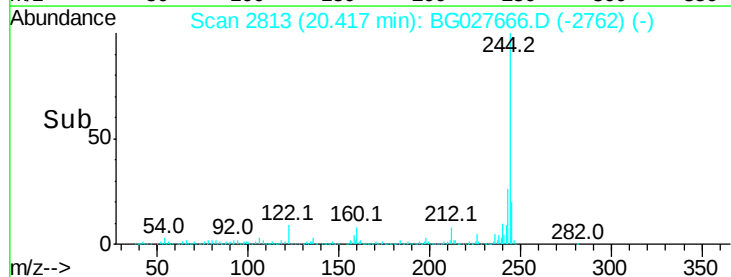
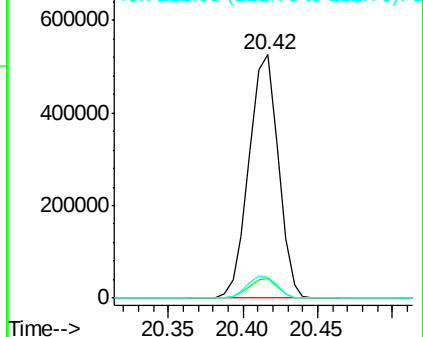
122 8.7 8.6 12.8

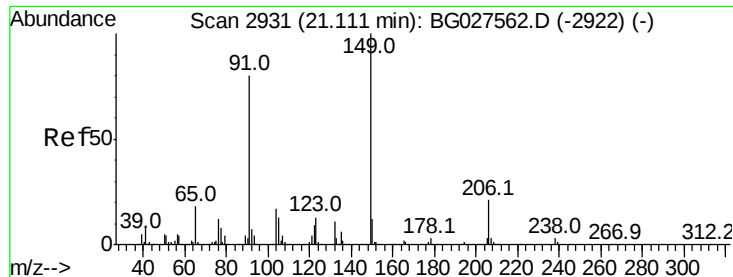


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

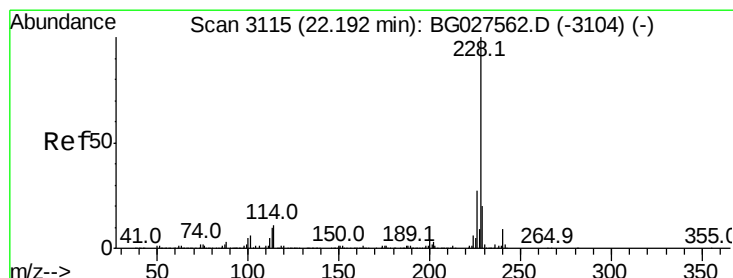
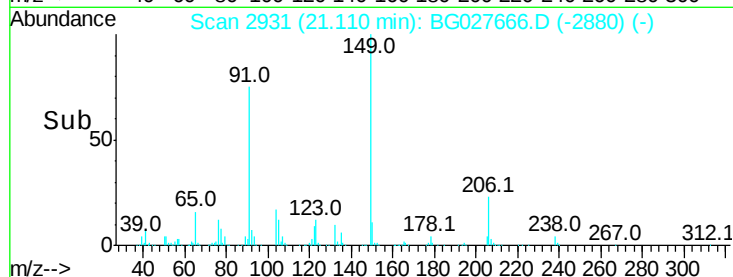
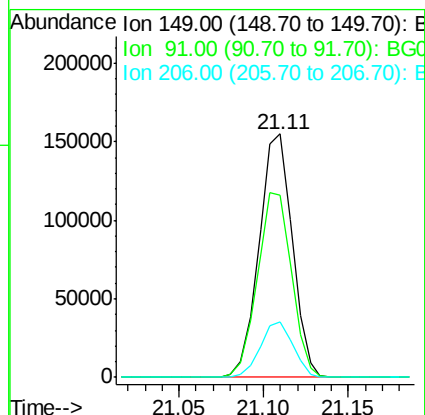
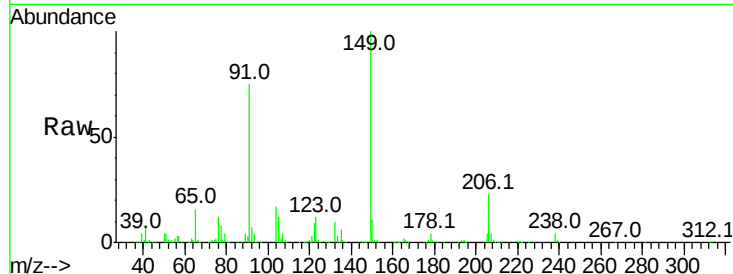




#79
Butylbenzylphthalate
Concen: 47.41 ng
RT: 21.11 min Scan# 2931
Delta R.T. -0.00 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

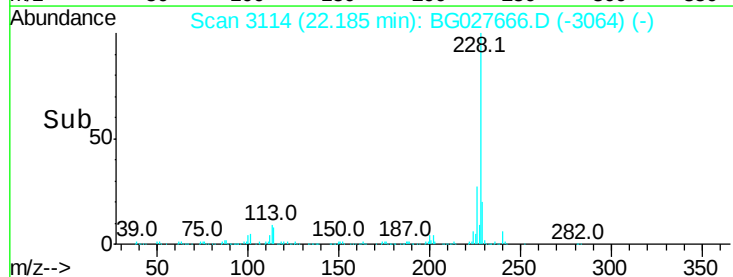
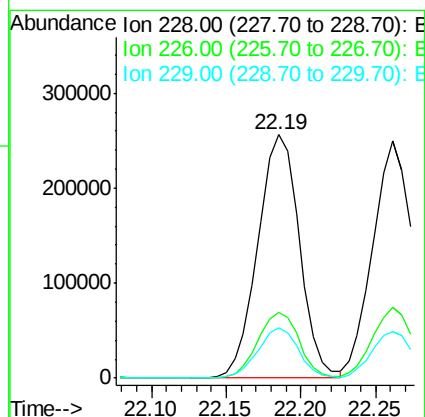
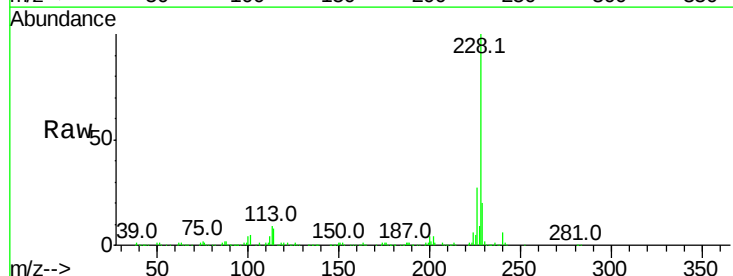
Instrument :
BNA_G
ClientSampled :

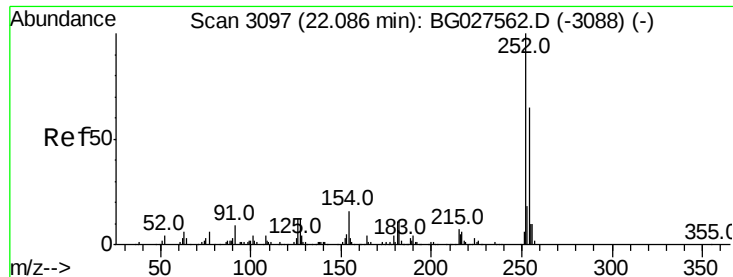
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.6	63.5	95.3
206	22.9	21.0	31.6



#80
Benzo(a)anthracene
Concen: 47.08 ng
RT: 22.19 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	24.9	37.3
229	20.4	18.2	27.2

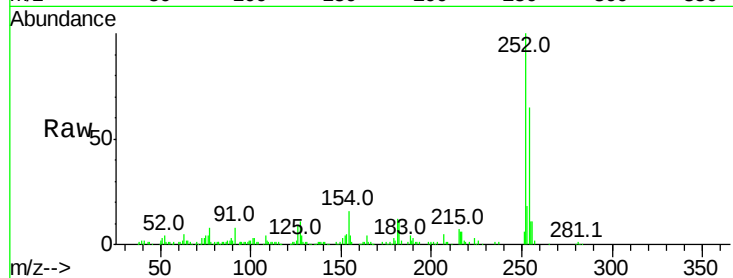




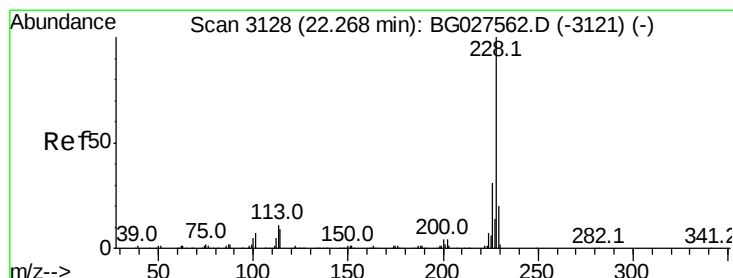
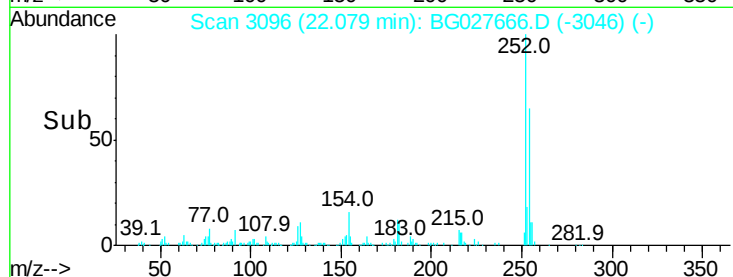
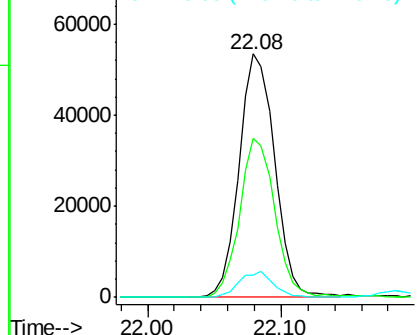
#81
 3,3'-Dichlorobenzidine
 Concen: 25.83 ng
 RT: 22.08 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 98558
 Ion Ratio Lower Upper
 252 100
 254 65.4 53.1 79.7
 126 9.4 7.0 10.4

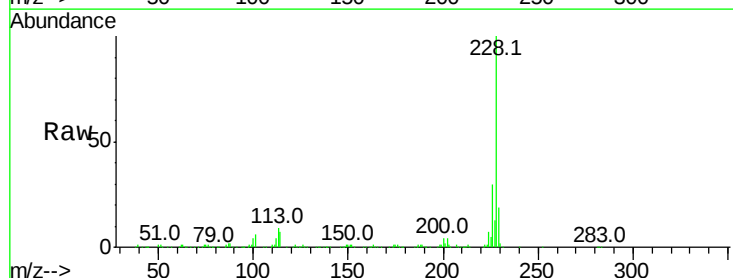


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

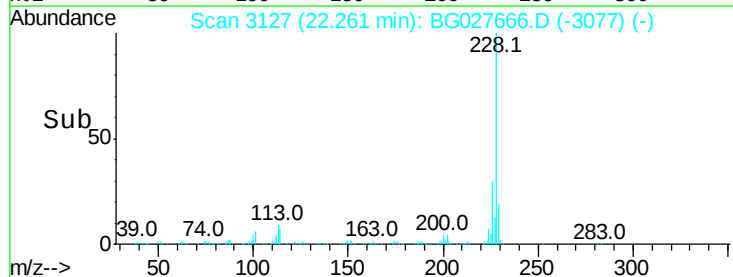
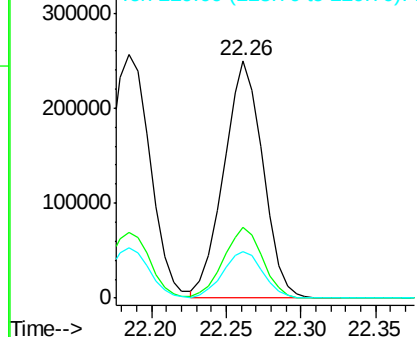


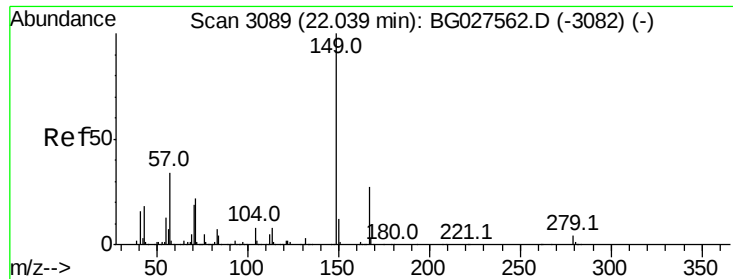
#82
 Chrysene
 Concen: 45.37 ng
 RT: 22.26 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Tgt Ion:228 Resp: 453673
 Ion Ratio Lower Upper
 228 100
 226 29.6 27.0 40.4
 229 19.4 17.8 26.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

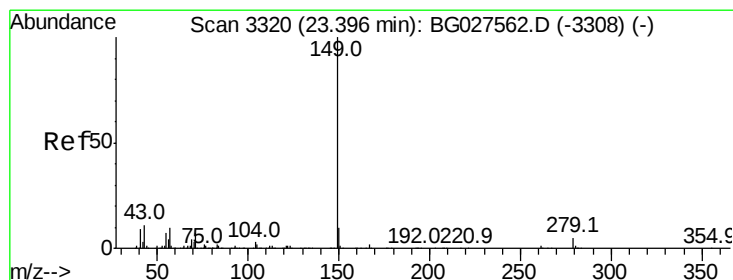
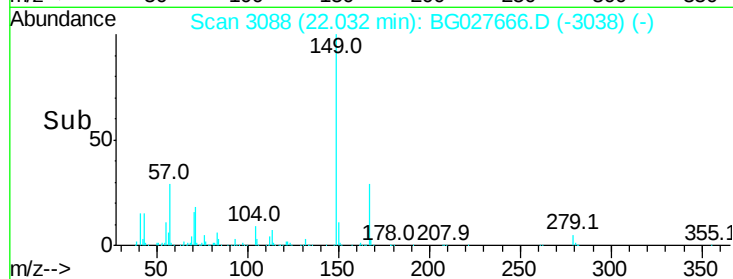
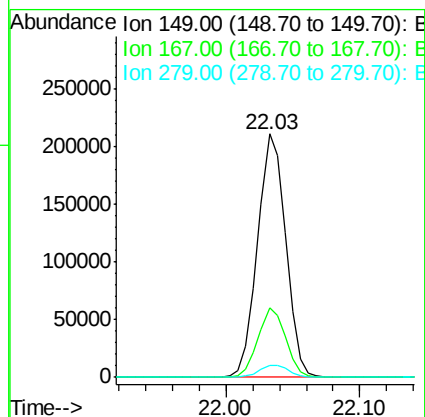
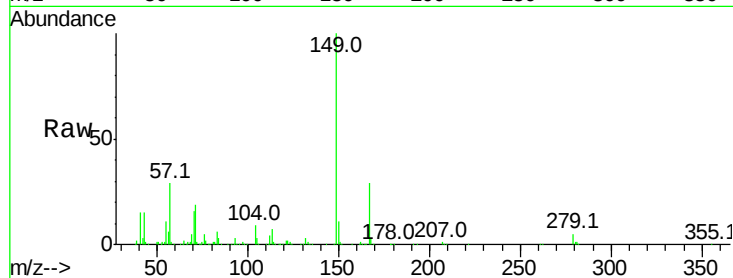




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.84 ng
 RT: 22.03 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

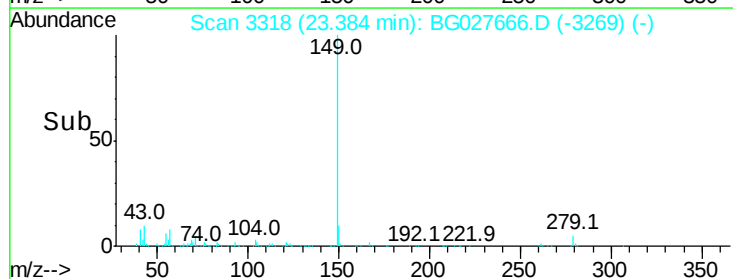
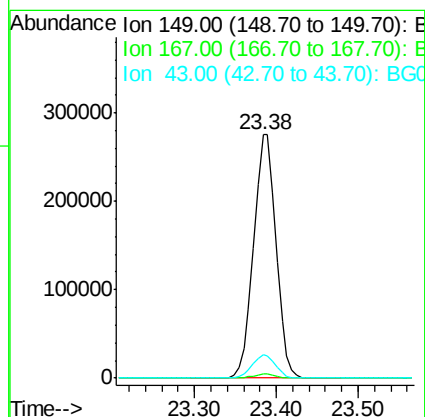
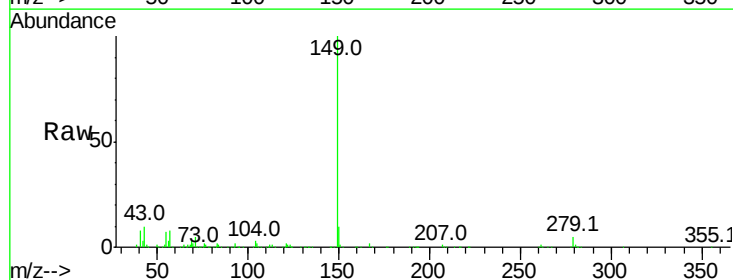
Instrument :
 BNA_G
 ClientSampleId :

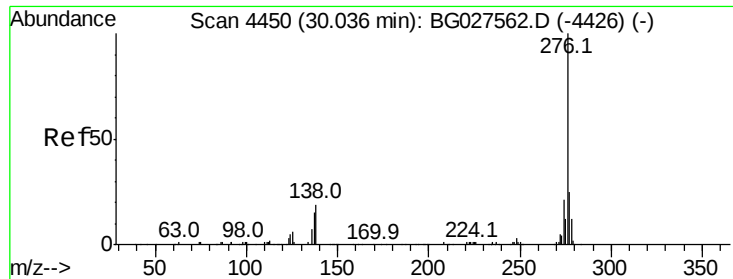
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.7	35.5
279	5.0	4.6	6.8



#84
 Di-n-octyl phthalate
 Concen: 48.31 ng
 RT: 23.38 min Scan# 3318
 Delta R.T. -0.01 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.7	11.8	17.6

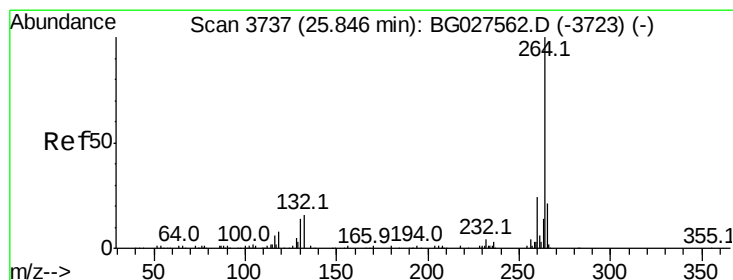
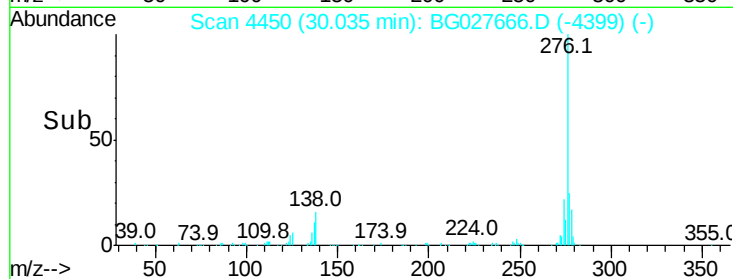
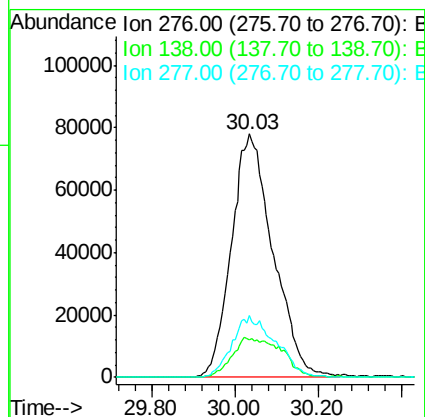
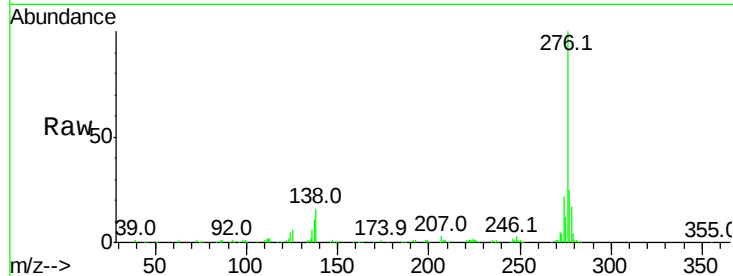




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.56 ng
 RT: 30.03 min Scan# 4450
 Delta R.T. -0.00 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

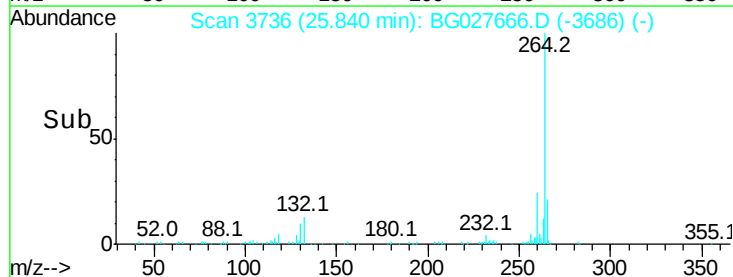
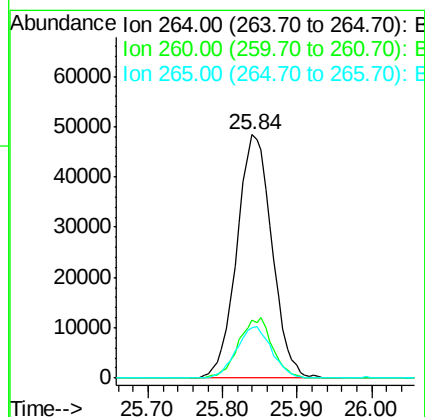
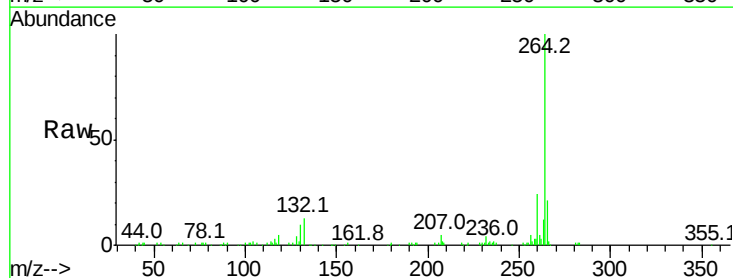
Instrument :
 BNA_G
 ClientSampleId :

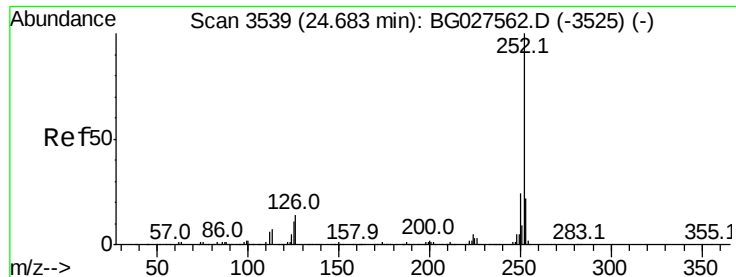
Tot Ion:276 Resp: 541908
 Ion Ratio Lower Upper
 276 100
 138 19.5 4.7 7.1#
 277 9.7 20.6 31.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.84 min Scan# 3736
 Delta R.T. -0.01 min
 Lab File: BG027666.D
 Acq: 24 Jun 2017 19:28

Tgt Ion:264 Resp: 157724
 Ion Ratio Lower Upper
 264 100
 260 23.6 21.8 32.8
 265 20.5 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 49.34 ng

RT: 24.68 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG027666.D

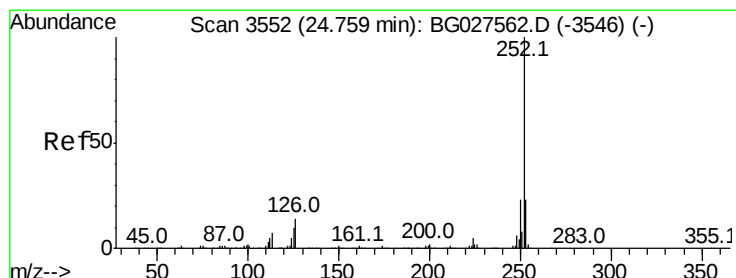
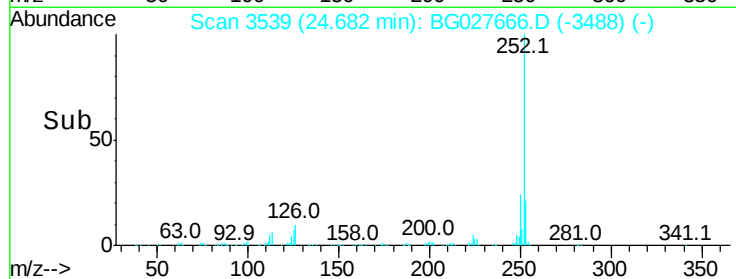
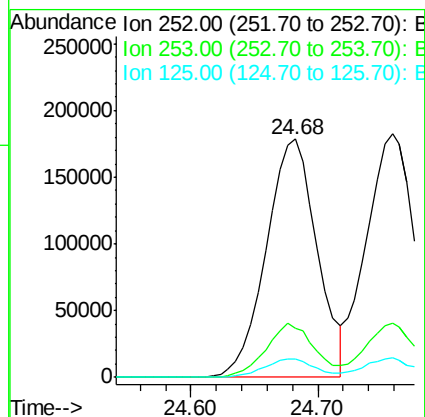
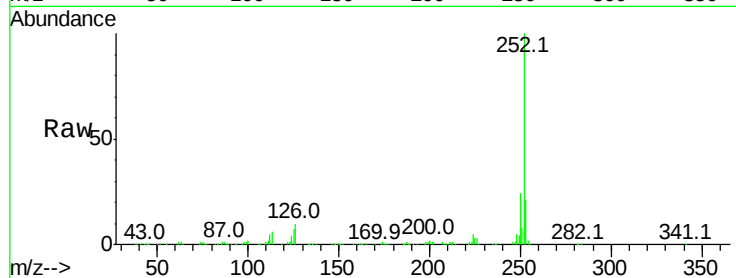
Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampled :

Tot Ion:252	Resp:	497566
Ion Ratio	Lower	Upper
252	100	
253	20.7	18.7 28.1
125	7.5	5.3 7.9



#88

Benzo(k)fluoranthene

Concen: 50.43 ng

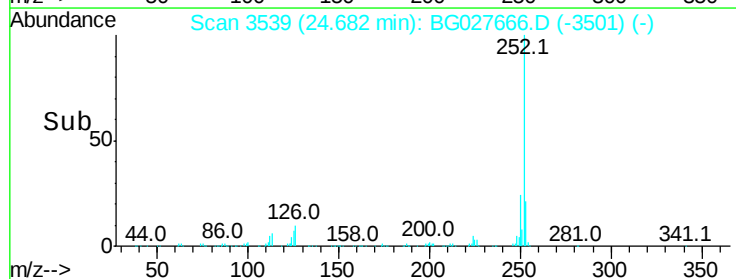
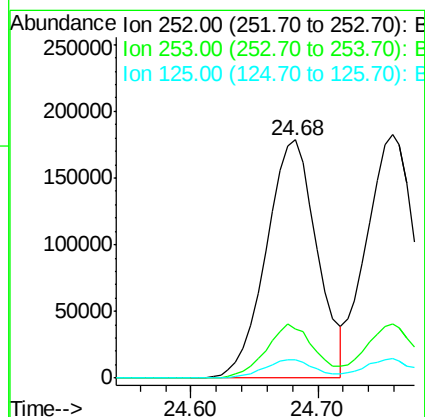
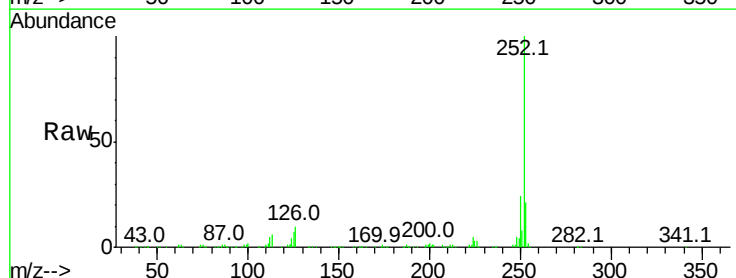
RT: 24.68 min Scan# 3539

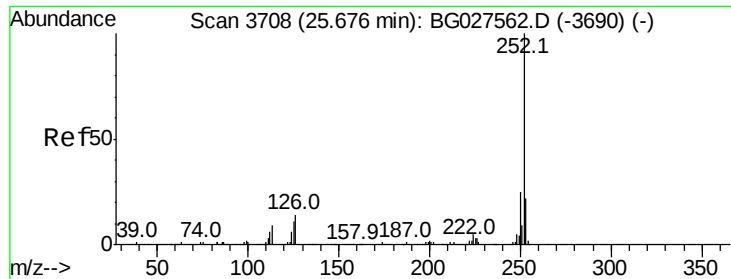
Delta R.T. -0.08 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Tgt Ion:252	Resp:	497566
Ion Ratio	Lower	Upper
252	100	
253	20.7	20.2 30.2
125	7.5	5.1 7.7

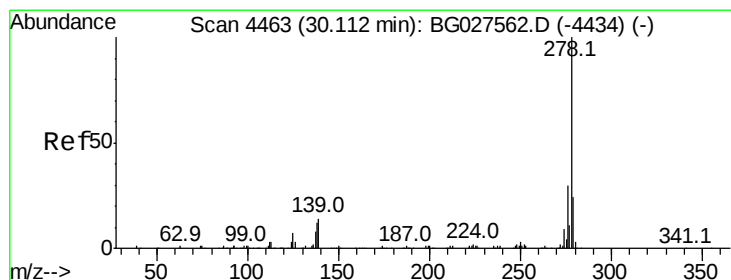
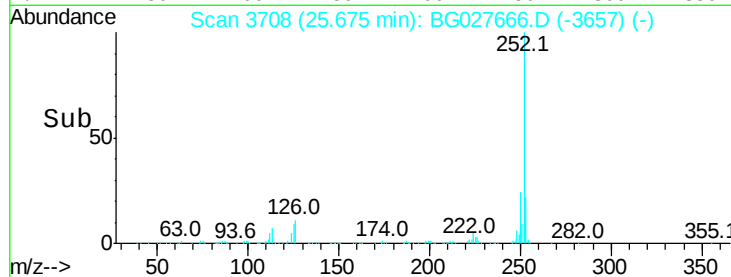
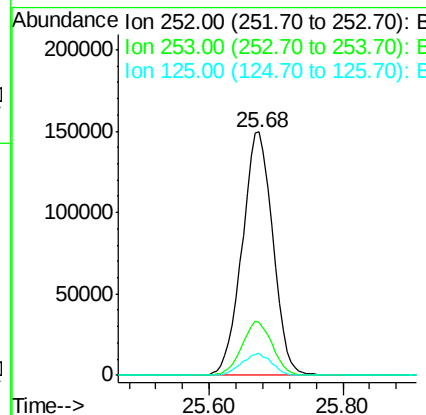
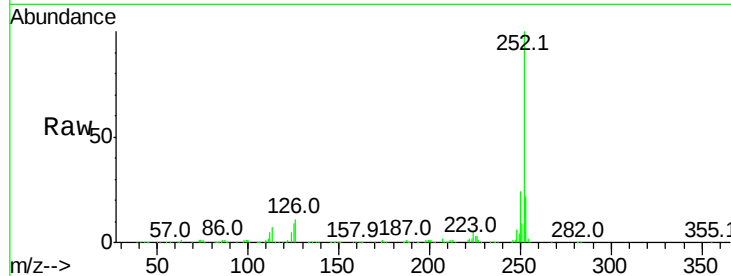




#89
Benzo(a)pyrene
Concen: 49.81 ng
RT: 25.68 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

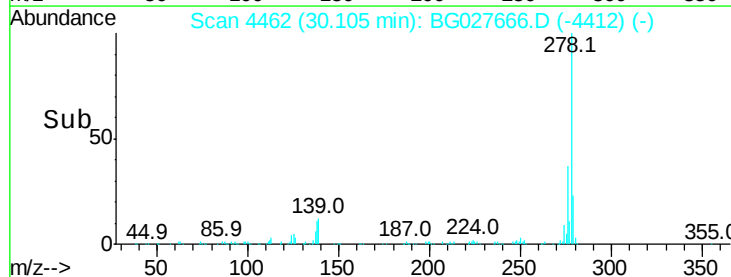
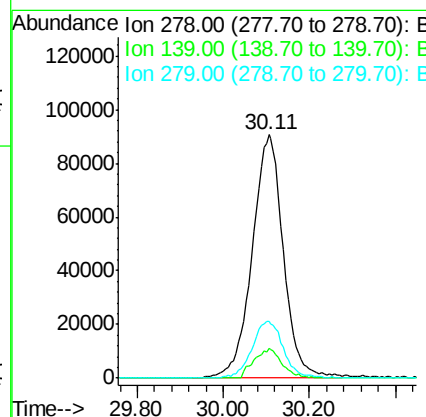
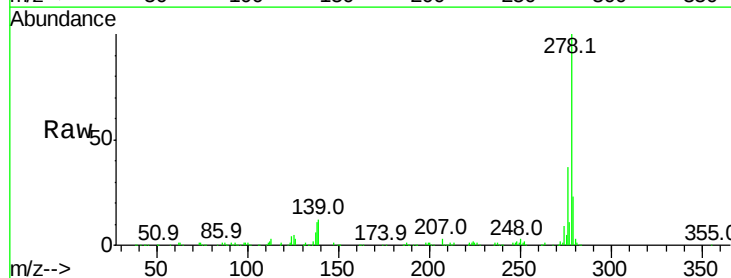
Instrument :
BNA_G
ClientSampleId :

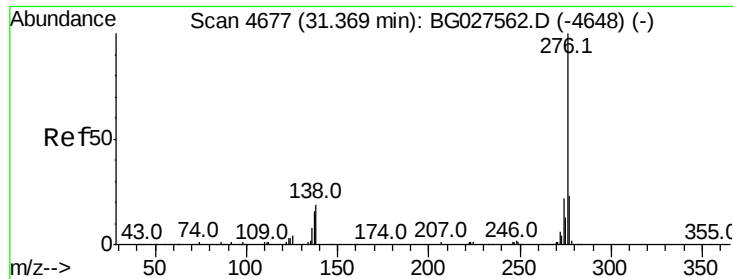
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.2	28.8
125	9.2	5.4	8.0



#90
Dibenzo(a,h)anthracene
Concen: 47.97 ng
RT: 30.11 min Scan# 4462
Delta R.T. -0.01 min
Lab File: BG027666.D
Acq: 24 Jun 2017 19:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	7.7	11.5
279	23.3	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 46.30 ng

RT: 31.36 min Scan# 4675

Delta R.T. -0.01 min

Lab File: BG027666.D

Acq: 24 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 435906

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 16.6 8.1 12.1#

