

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028689.D
 Acq On : 13 Sep 2017 3:44
 Operator : SJ/JU
 Sample : I5189-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-03-090817MSD

Quant Time: Sep 13 05:24:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	25926	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	115824	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	89382	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	244593	20.00	ng	0.00
75) Chrysene-d12	22.03	240	286031	20.00	ng	0.00
86) Perylene-d12	25.53	264	284989	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.91	112	128452	81.75	ng	0.00
7) Phenol-d6	7.49	99	114500	48.40	ng	0.00
23) Nitrobenzene-d5	9.50	82	253236	104.59	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	262226	177.38	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	650017	96.97	ng	0.00
78) Terphenyl-d14	20.28	244	1341929	100.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.84	88	12352	19.413	ng	91
3) Pyridine	4.23	79	26810	14.771	ng	96
4) n-Nitrosodimethylamine	4.15	42	17861	21.633	ng	# 69
6) Aniline	7.66	93	65628	23.837	ng	96
8) 2-Chlorophenol	7.90	128	76577	43.719	ng	96
9) Benzaldehyde	7.47	77	67668	46.105	ng	95
10) Phenol	7.52	94	39770	15.929	ng	86
11) bis(2-Chloroethyl)ether	7.74	93	88850	49.569	ng	96
12) 1,3-Dichlorobenzene	8.22	146	86990	46.122	ng	91
13) 1,4-Dichlorobenzene	8.37	146	90383	46.603	ng	95
14) 1,2-Dichlorobenzene	8.69	146	87394	45.612	ng	96
15) Benzyl Alcohol	8.57	79	58884	31.886	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.84	45	161385	49.540	ng	98
17) 2-Methylphenol	8.77	107	59117	36.236	ng	94
18) Hexachloroethane	9.41	117	33094	46.557	ng	93
19) n-Nitroso-di-n-propylamine	9.13	70	86276	51.447	ng	# 84
20) 3+4-Methylphenols	9.10	107	74386	32.598	ng	90
22) Acetophenone	9.15	105	155787	46.001	ng	# 89
24) Nitrobenzene	9.54	77	127026	47.379	ng	96
25) Isophorone	10.06	82	240757	49.143	ng	98
26) 2-Nitrophenol	10.26	139	52709	46.193	ng	90
27) 2,4-Dimethylphenol	10.30	122	86497	41.470	ng	98
28) bis(2-Chloroethoxy)methane	10.53	93	134925	50.715	ng	97
29) 2,4-Dichlorophenol	10.80	162	99334	47.866	ng	92
30) 1,2,4-Trichlorobenzene	11.01	180	110379	46.624	ng	96
31) Naphthalene	11.20	128	297588	49.194	ng	96
32) Benzoic acid	10.42	122	12856	13.665	ng	# 82
33) 4-Chloroaniline	11.31	127	71235	28.110	ng	91
34) Hexachlorobutadiene	11.47	225	74552	42.754	ng	97
35) Caprolactam	12.09	113	6768	9.094	ng	# 59
36) 4-Chloro-3-methylphenol	12.41	107	120600	44.654	ng	# 92
37) 2-Methylnaphthalene	12.78	142	244062	54.039	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	154988	42.172	ng	97
40) Hexachlorocyclopentadiene	13.11	237	137036	94.465	ng	92

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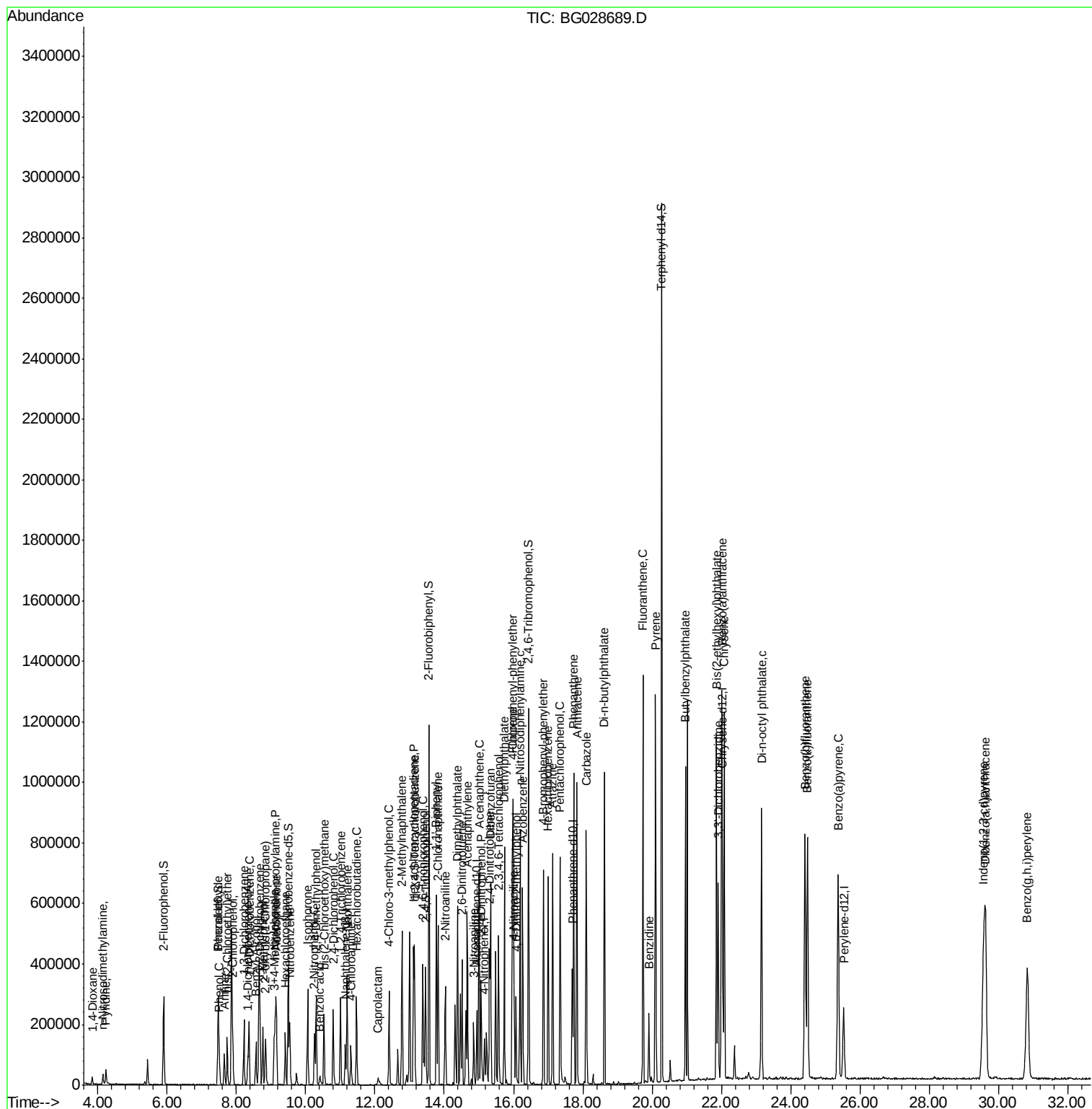
Instrument :
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Quant Time: Sep 13 05:24:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	108380	46.464	nq	95
43) 2,4,5-Trichlorophenol	13.46	196	117092	49.958	nq	# 90
45) 1,1'-Biphenyl	13.77	154	338119	45.689	nq	99
46) 2-Chloronaphthalene	13.83	162	262591	48.648	nq	98
47) 2-Nitroaniline	14.03	65	110423	55.044	nq	93
48) Acenaphthylene	14.67	152	430514	49.923	nq	99
49) Dimethylphthalate	14.38	163	392036	52.305	nq	98
50) 2,6-Dinitrotoluene	14.51	165	89325	53.560	nq	85
51) Acenaphthene	15.01	154	265814	50.742	nq	93
52) 3-Nitroaniline	14.85	138	49511	33.570	nq	92
53) 2,4-Dinitrophenol	15.07	184	89954	100.125	nq	94
54) Dibenzofuran	15.34	168	464627	55.617	nq	93
55) 4-Nitrophenol	15.16	139	43566	40.319	nq	# 77
56) 2,4-Dinitrotoluene	15.31	165	135430	57.752	nq	# 89
57) Fluorene	15.99	166	402817	54.010	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.56	232	120139	58.159	nq	# 95
59) Diethylphthalate	15.74	149	422149	54.807	nq	98
60) 4-Chlorophenyl-phenylether	15.97	204	222171	52.314	nq	90
61) 4-Nitroaniline	16.02	138	83892	53.692	nq	# 84
62) Azobenzene	16.26	77	385571	59.520	nq	91
64) 4,6-Dinitro-2-methylphenol	16.08	198	74826	47.410	nq	95
65) n-Nitrosodiphenylamine	16.19	169	351366	50.112	nq	99
66) 4-Bromophenyl-phenylether	16.87	248	159486	50.675	nq	92
67) Hexachlorobenzene	17.00	284	170930	47.719	nq	# 90
68) Atrazine	17.13	200	159165	52.868	nq	98
69) Pentachlorophenol	17.35	266	159232	98.386	nq	93
70) Phenanthrene	17.74	178	676108	54.054	nq	96
71) Anthracene	17.83	178	684905	54.206	nq	98
72) Carbazole	18.10	167	604263	53.100	nq	95
73) Di-n-butylphthalate	18.62	149	729642	52.292	nq	# 94
74) Fluoranthene	19.74	202	854273	55.936	nq	93
76) Benzidine	19.91	184	154689	20.855	nq	93
77) Pyrene	20.10	202	869903	52.727	nq	96
79) Butylbenzylphthalate	20.96	149	336817	50.549	nq	90
80) Benzo(a)anthracene	22.01	228	912305	52.988	nq	94
81) 3,3'-Dichlorobenzidine	21.91	252	279776	40.080	nq	# 96
82) Chrysene	22.08	228	847926	51.905	nq	96
83) Bis(2-ethylhexyl)phthalate	21.86	149	485947	51.299	nq	97
84) Di-n-octyl phthalate	23.16	149	833297	50.349	nq	# 88
85) Indeno(1,2,3-cd)pyrene	29.57	276	1094825	52.160	nq	# 99
87) Benzo(b)fluoranthene	24.41	252	929037	54.411	nq	# 98
88) Benzo(k)fluoranthene	24.48	252	908512	53.269	nq	94
89) Benzo(a)pyrene	25.37	252	894679	55.204	nq	96
90) Dibenzo(a,h)anthracene	29.62	278	924289	54.702	nq	99
91) Benzo(g,h,i)perylene	30.83	276	892024	54.106	nq	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

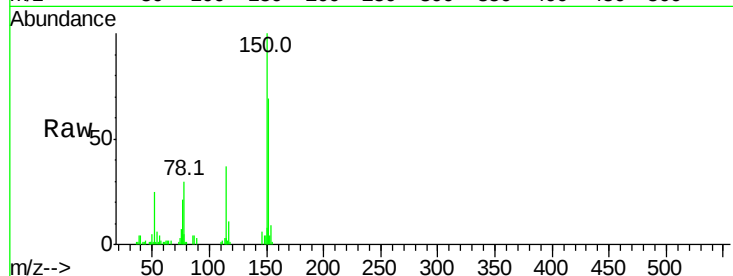
Tot Ion:152 Resp: 25926

Ion Ratio Lower Upper

152 100

150 144.7 114.0 171.0

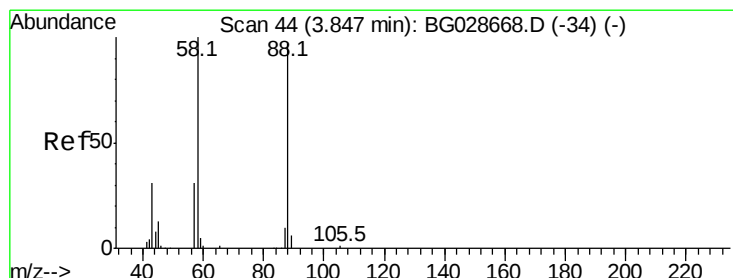
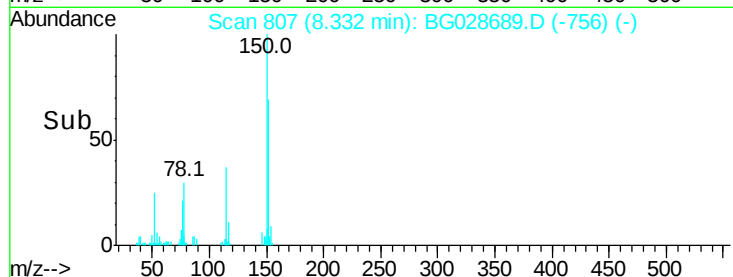
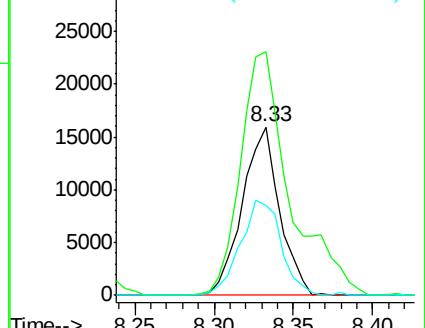
115 53.5 48.1 72.1



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: 19.413 ng

RT: 3.84 min Scan# 42

Delta R.T. -0.01 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

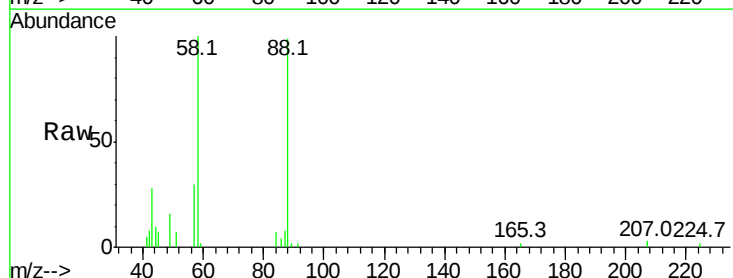
Tgt Ion: 88 Resp: 12352

Ion Ratio Lower Upper

88 100

58 112.3 79.4 119.2

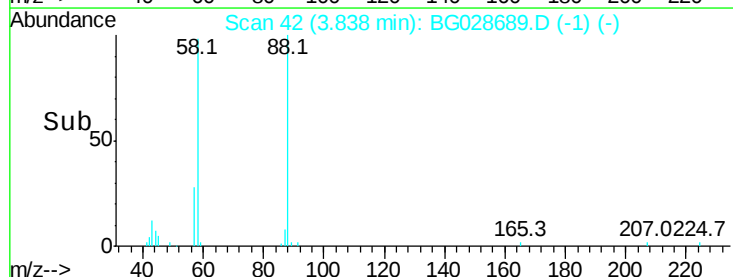
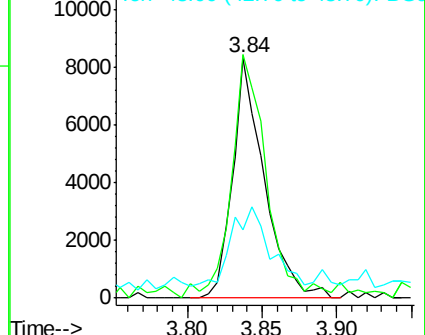
43 42.4 33.8 50.6



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: 14.771 ng

RT: 4.23 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

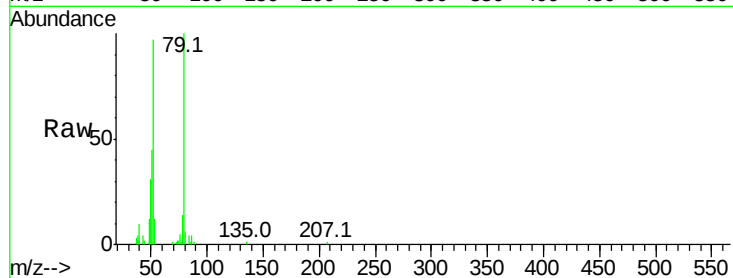
BNA_G

ClientSampleId :

PR-MW-03-090817MSD

Tot Ion: 79 Resp: 26810

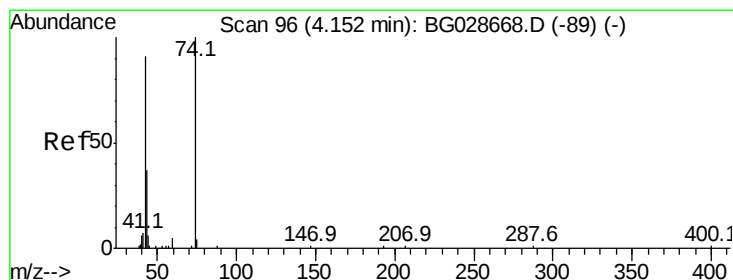
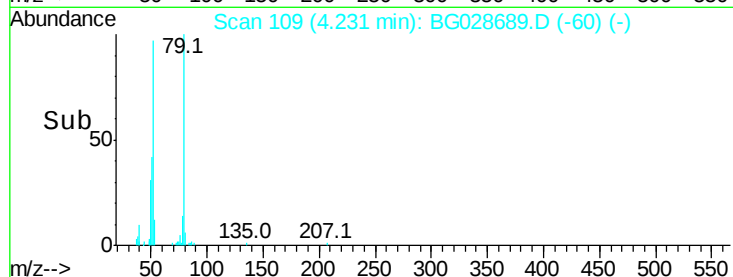
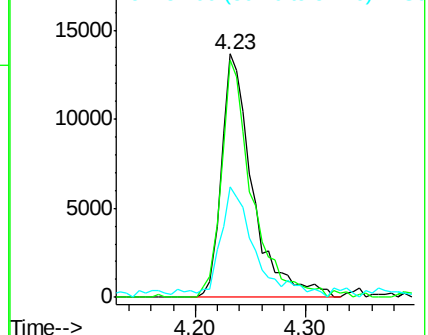
Ion	Ratio	Lower	Upper
79	100		
52	97.3	77.8	116.6
51	45.2	43.2	64.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 21.633 ng

RT: 4.15 min Scan# 95

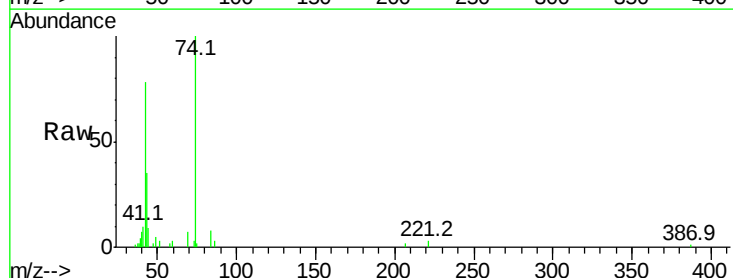
Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Tgt Ion: 42 Resp: 17861

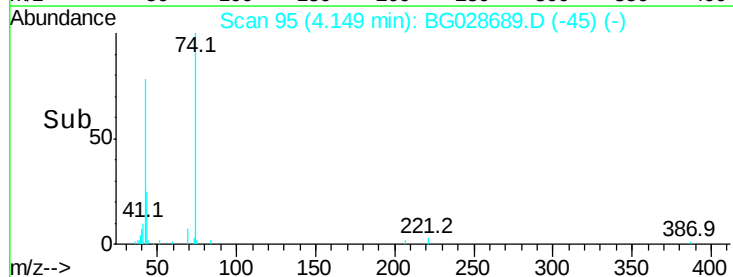
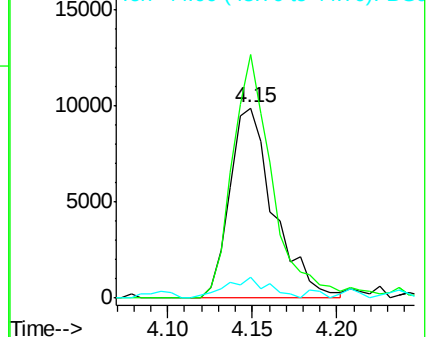
Ion	Ratio	Lower	Upper
42	100		
74	128.2	76.7	115.1#
44	11.2	6.1	9.1#

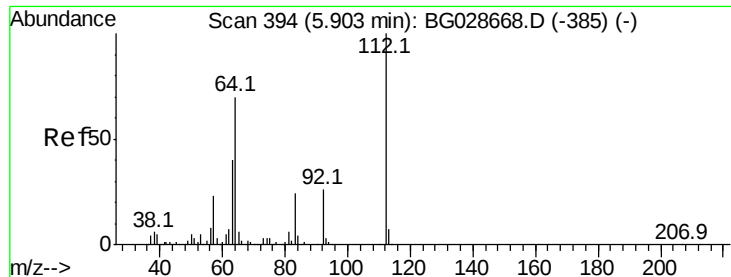


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 81.753 ng

RT: 5.91 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

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ClientSampleId :

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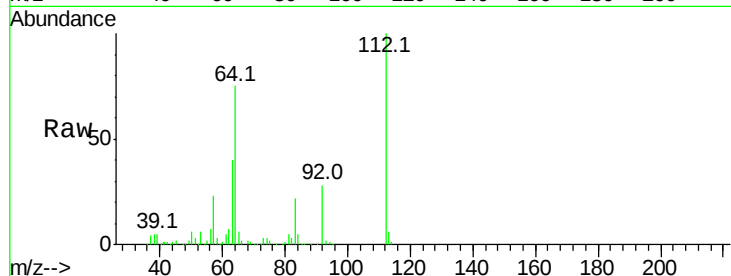
Tot Ion: 112 Resp: 128452

Ion Ratio Lower Upper

112 100

64 74.7 61.8 92.6

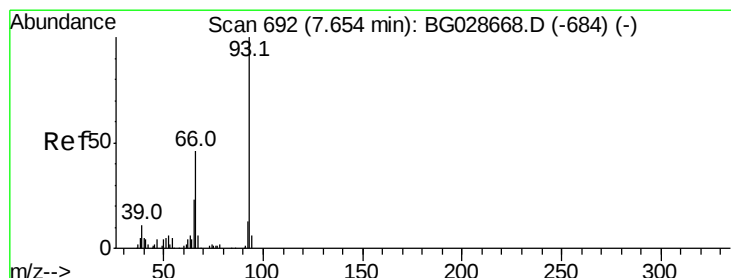
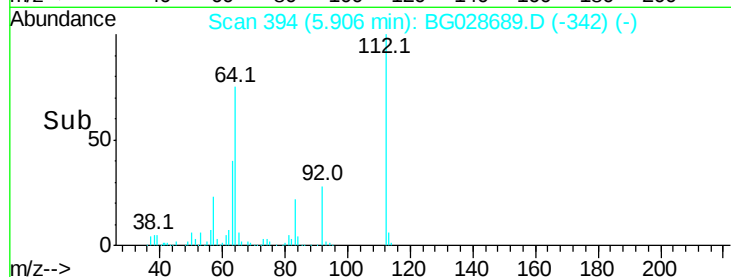
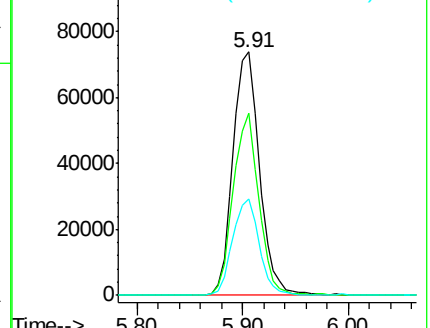
63 39.8 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.837 ng

RT: 7.66 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

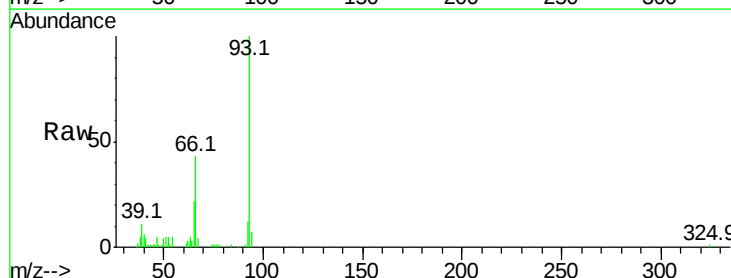
Tgt Ion: 93 Resp: 65628

Ion Ratio Lower Upper

93 100

66 43.4 35.4 53.2

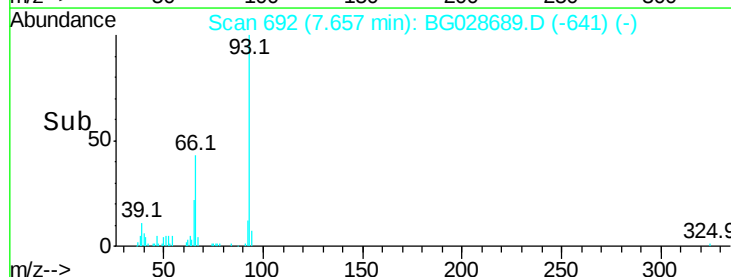
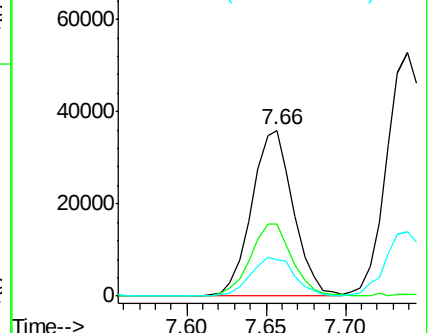
65 22.2 21.2 31.8

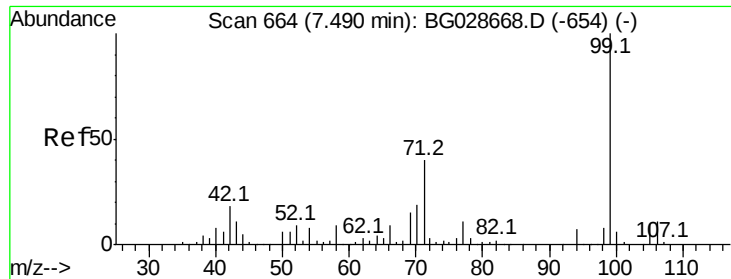


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 48.401 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028689.D

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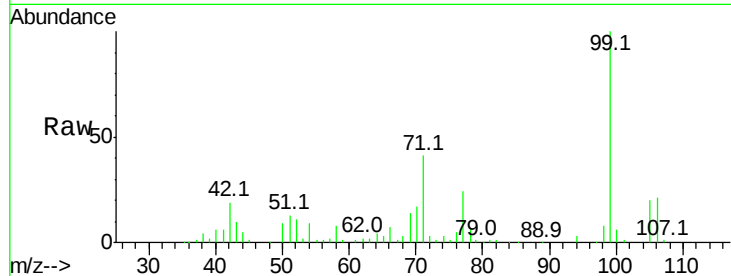
Tot Ion: 99 Resp: 114500

Ion Ratio Lower Upper

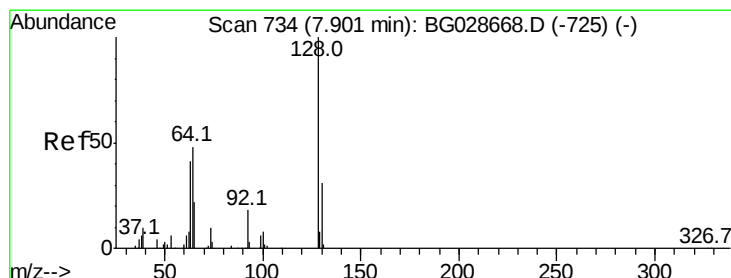
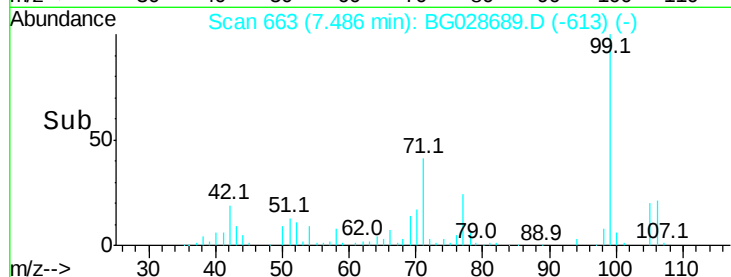
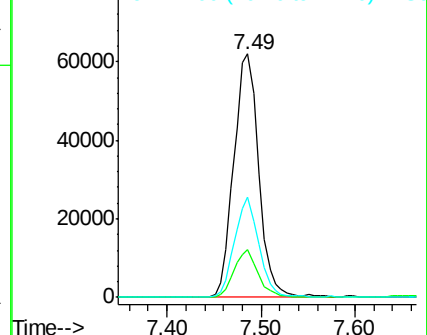
99 100

42 19.4 20.5 30.7#

71 40.9 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: 43.719 ng

RT: 7.90 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

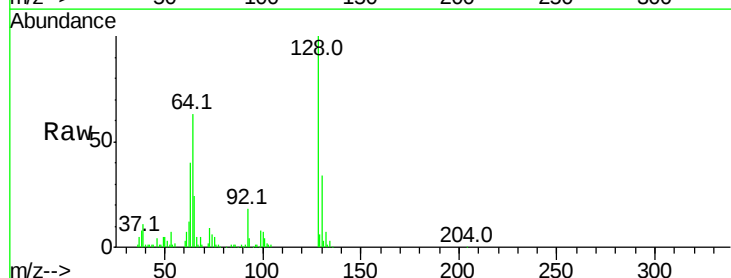
Tgt Ion: 128 Resp: 76577

Ion Ratio Lower Upper

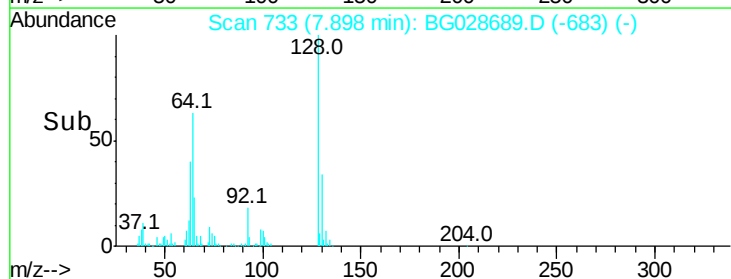
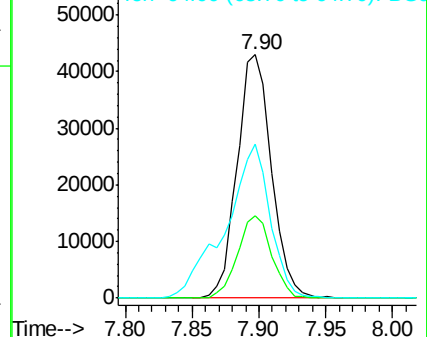
128 100

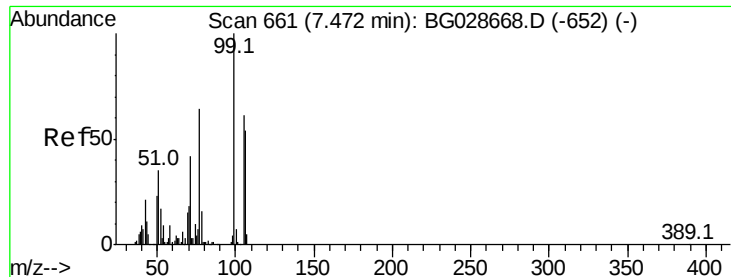
130 33.8 11.4 51.4

64 63.3 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: 46.105 ng

RT: 7.47 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

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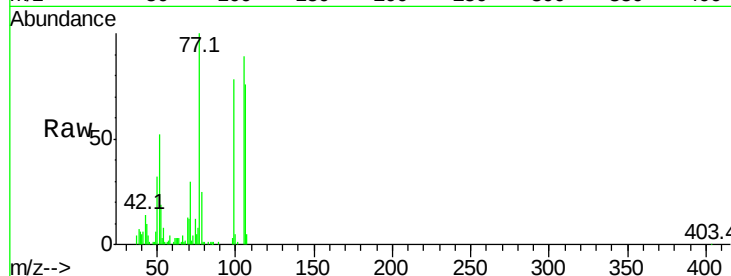
Tot Ion: 77 Resp: 67668

Ion Ratio Lower Upper

77 100

105 88.6 60.9 100.9

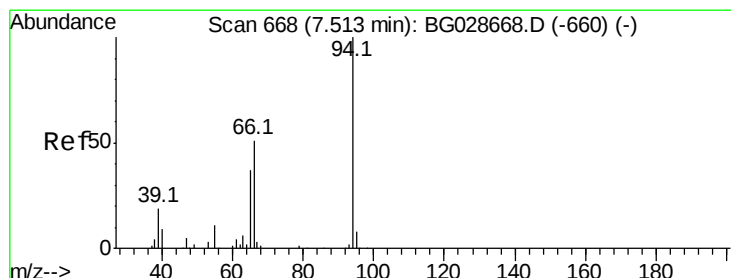
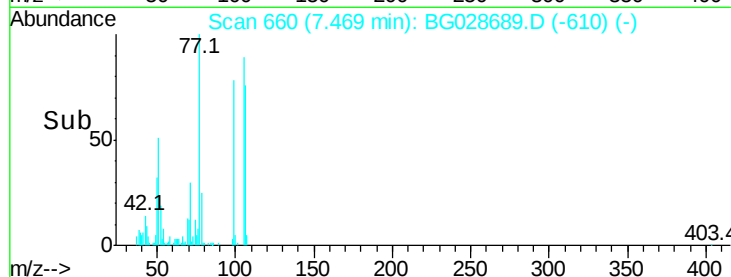
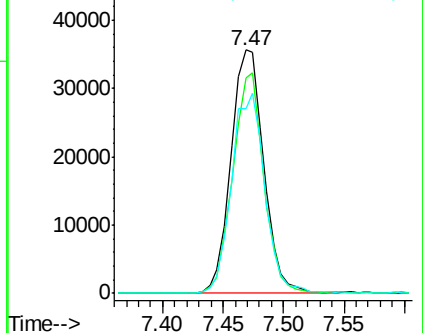
106 75.8 55.1 95.1



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: 15.929 ng

RT: 7.52 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

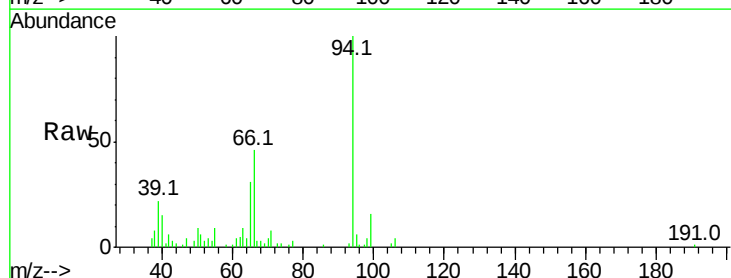
Tgt Ion: 94 Resp: 39770

Ion Ratio Lower Upper

94 100

65 30.9 20.6 60.6

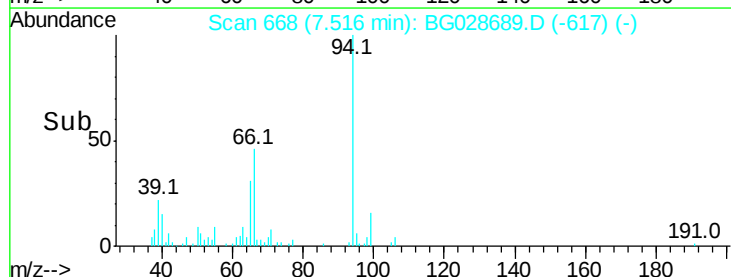
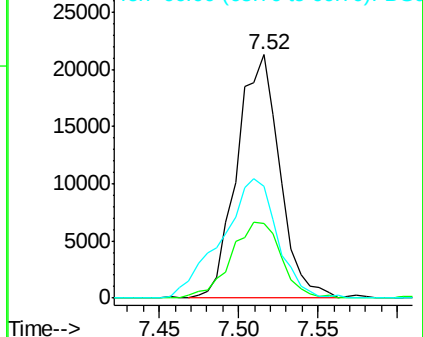
66 45.8 35.5 75.5

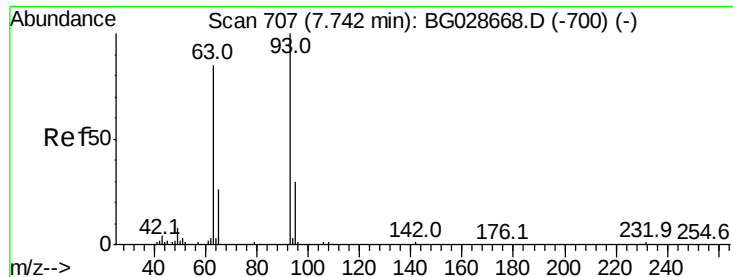


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 49.569 ng

RT: 7.74 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

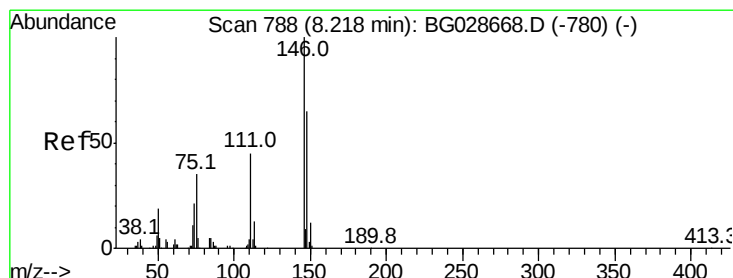
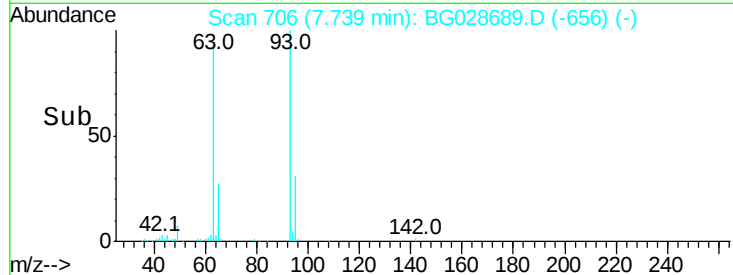
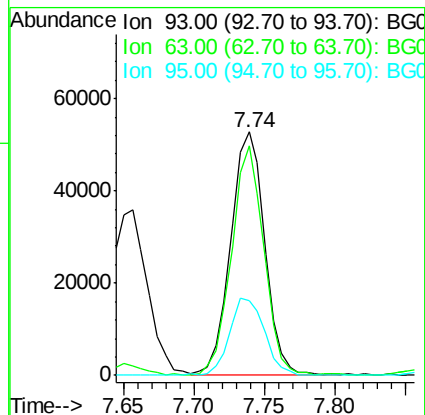
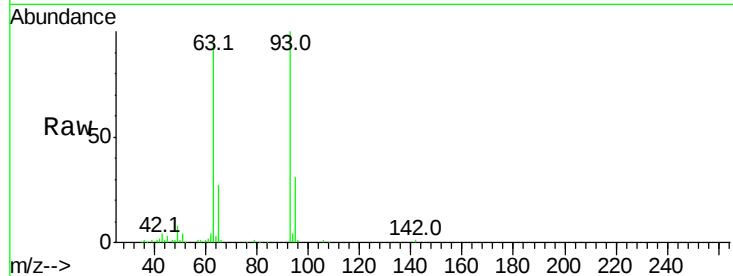
Tot Ion: 93 Resp: 88850

Ion Ratio Lower Upper

93 100

63 94.2 78.5 118.5

95 30.6 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 46.122 ng

RT: 8.22 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

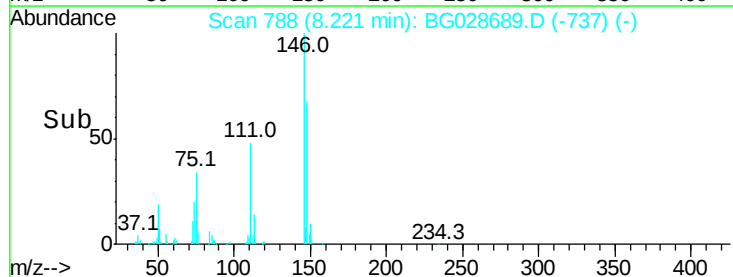
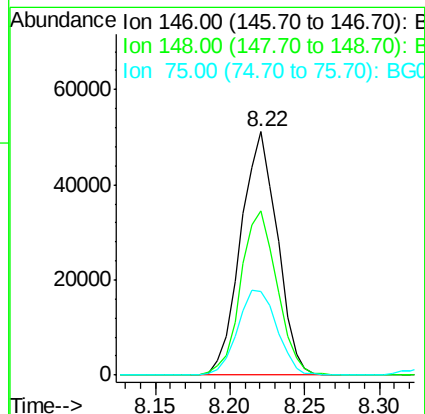
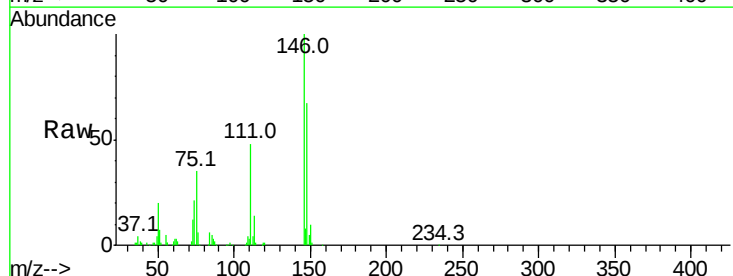
Tgt Ion: 146 Resp: 86990

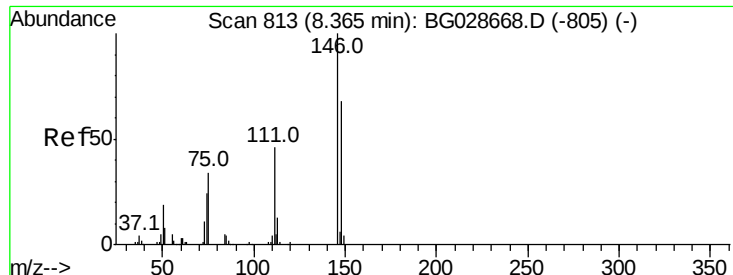
Ion Ratio Lower Upper

146 100

148 67.5 49.2 73.8

75 34.6 33.4 50.2

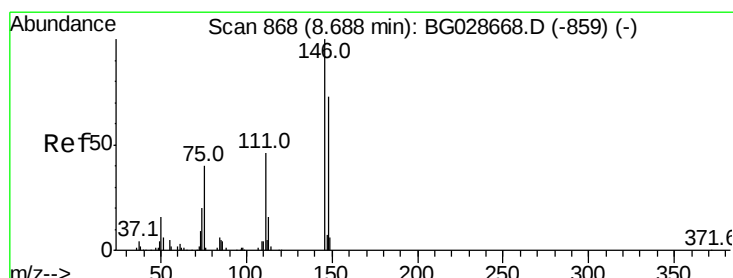
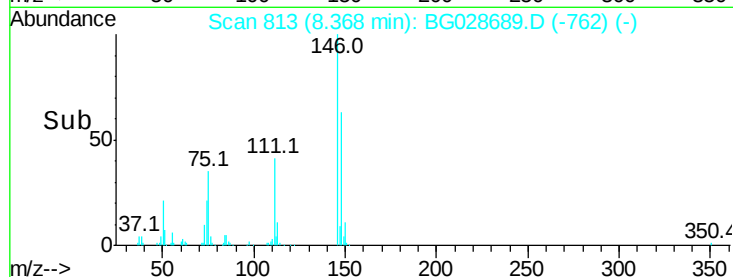
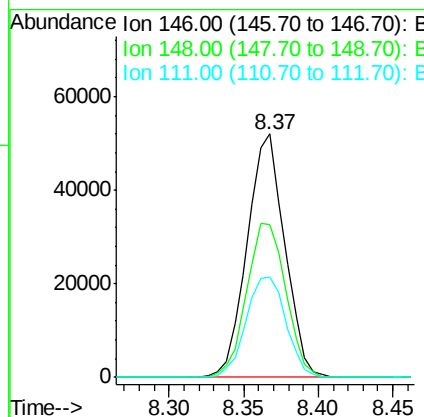
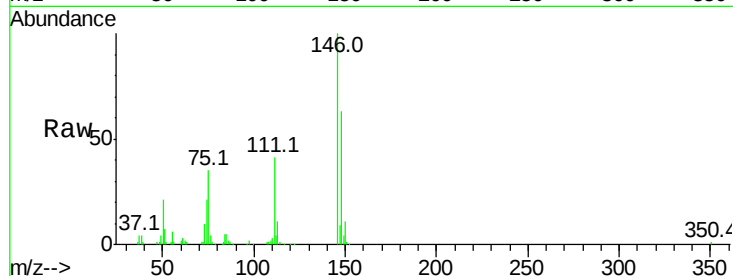




#13
 1,4-Dichlorobenzene
 Concen: 46.603 ng
 RT: 8.37 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BG028689.D
 Acq: 13 Sep 2017 3:44

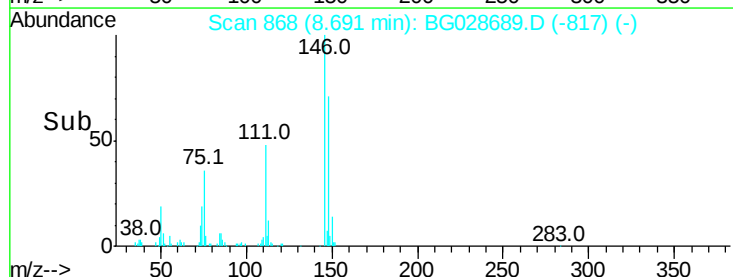
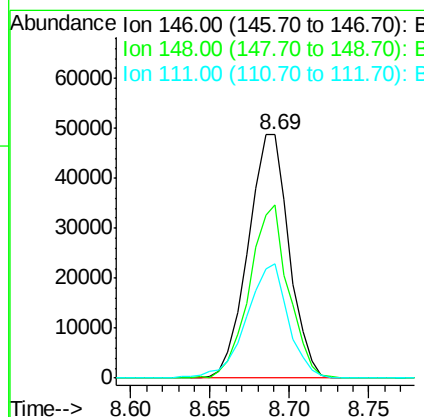
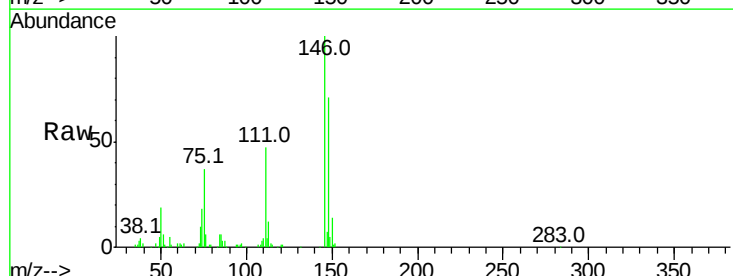
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-03-090817MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.2
111	41.0	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 45.612 ng
 RT: 8.69 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: BG028689.D
 Acq: 13 Sep 2017 3:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	71.1	54.6	81.8
111	47.1	39.7	59.5





#15

Benzyl Alcohol

Concen: 31.886 ng

RT: 8.57 min Scan# 847

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

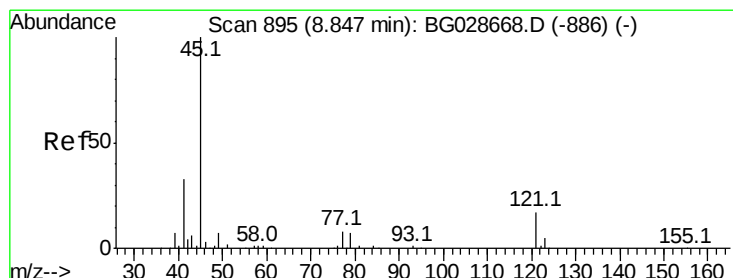
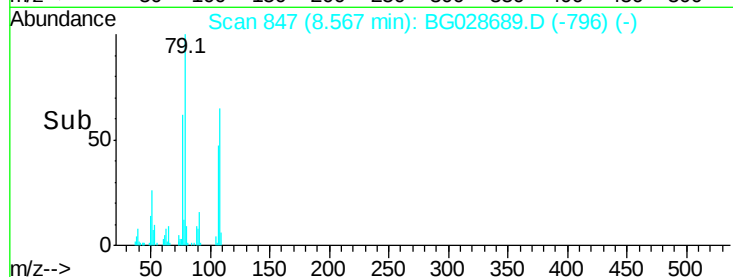
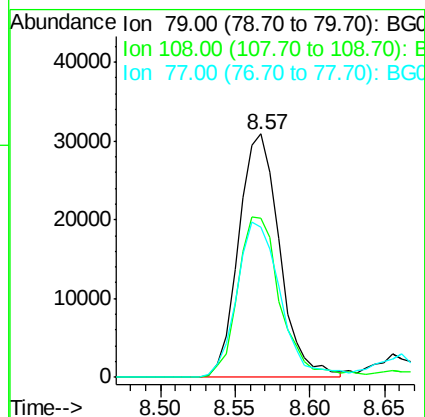
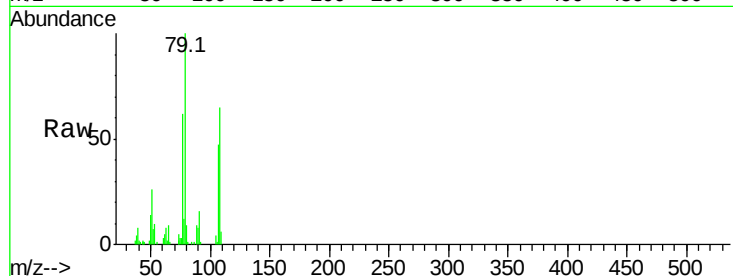
Tot Ion: 79 Resp: 58884

Ion Ratio Lower Upper

79 100

108 65.4 45.5 68.3

77 61.6 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.540 ng

RT: 8.84 min Scan# 894

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

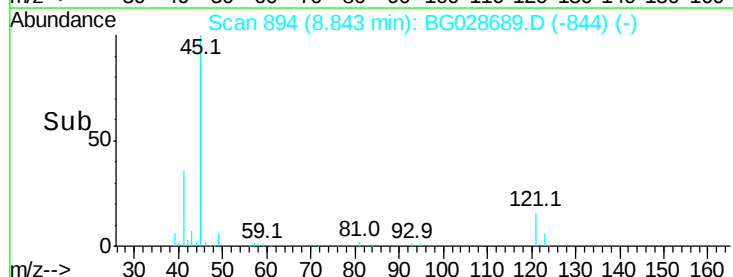
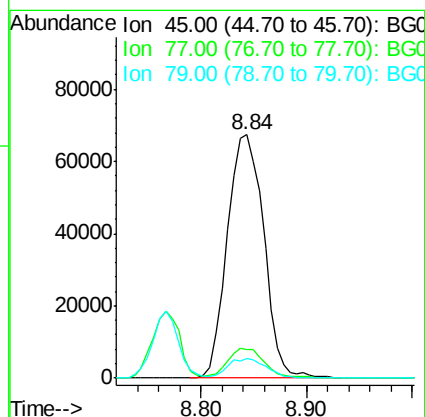
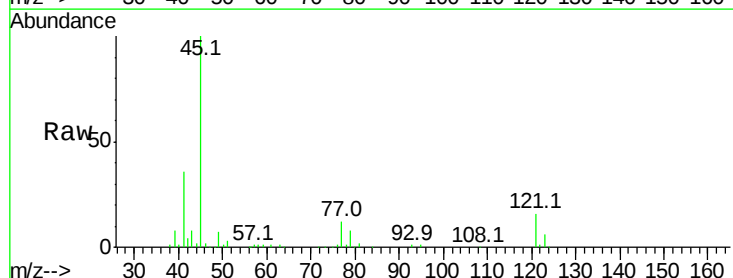
Tgt Ion: 45 Resp: 161385

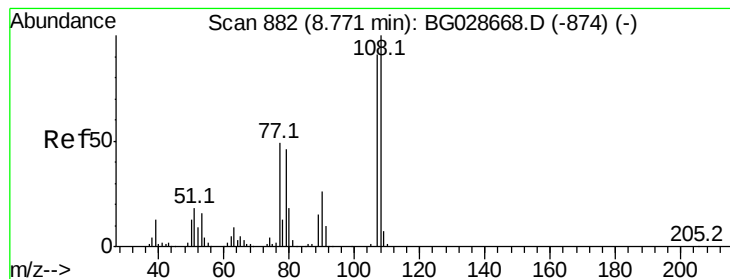
Ion Ratio Lower Upper

45 100

77 11.9 0.0 30.6

79 8.2 0.0 28.5





#17

2-Methylphenol

Concen: 36.236 ng

RT: 8.77 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

Tot Ion:107 Resp: 59117

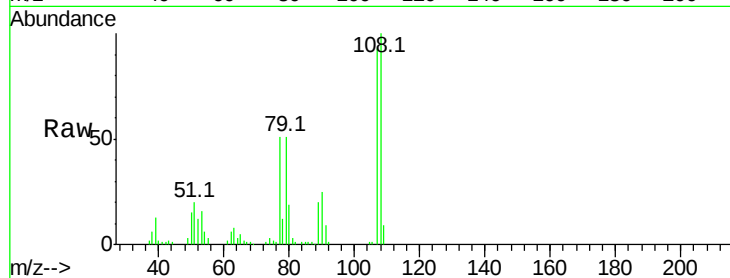
Ion Ratio Lower Upper

107 100

108 107.8 85.6 128.4

77 55.1 51.4 77.2

79 55.5 49.2 73.8

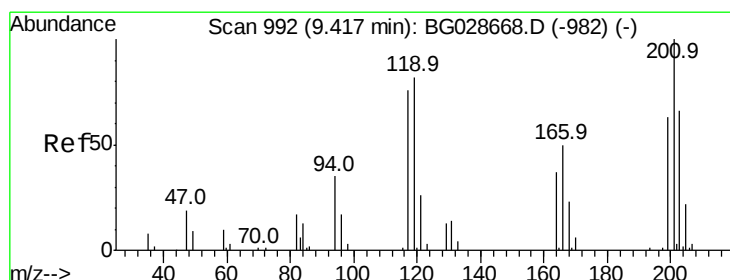
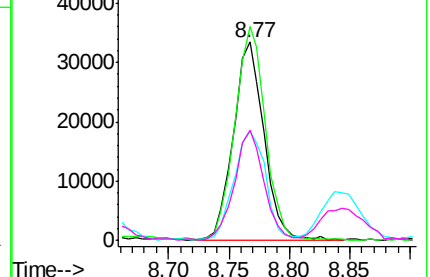
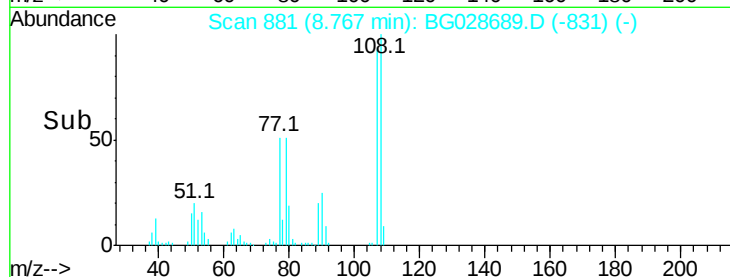


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 46.557 ng

RT: 9.41 min Scan# 991

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

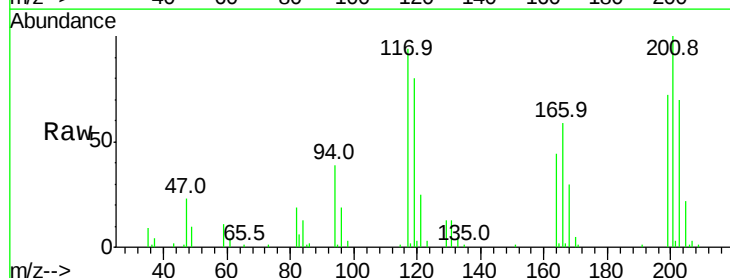
Tgt Ion:117 Resp: 33094

Ion Ratio Lower Upper

117 100

119 84.7 69.8 104.6

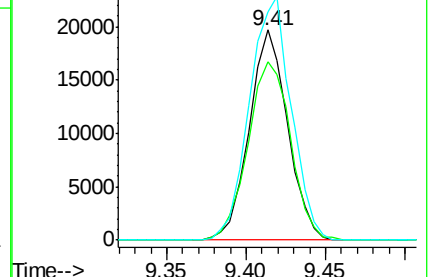
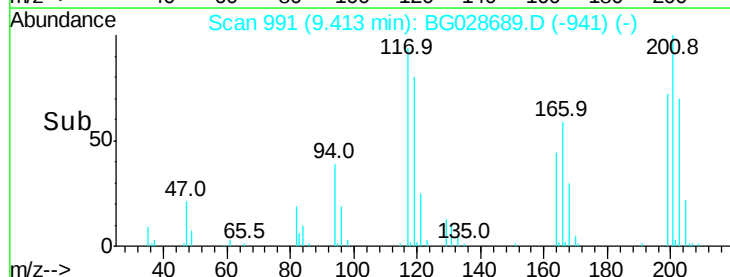
201 108.9 95.4 143.0

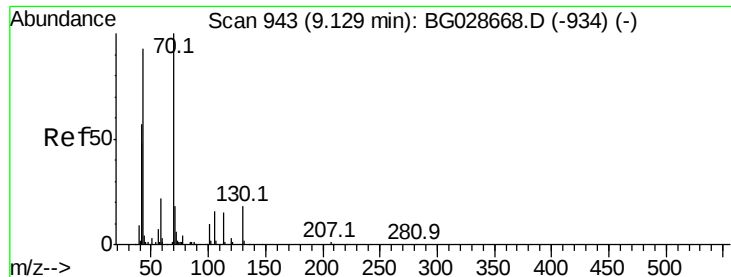


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

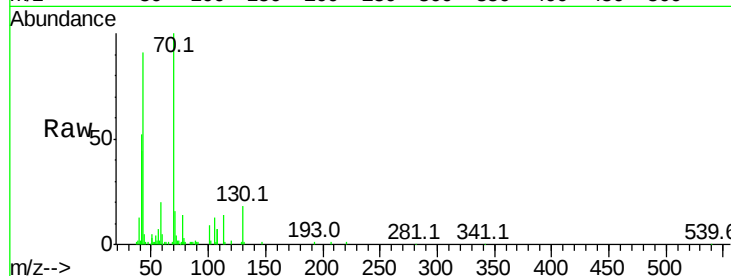




#19
n-Nitroso-di-n-propylamine
Concen: 51.447 ng
RT: 9.13 min Scan# 942
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

Tot Ion:	70	Resp:	86276
Ion	Ratio	Lower	Upper
70	100		
42	51.6	56.1	84.1#
101	9.5	7.5	11.3
130	18.1	14.6	21.8



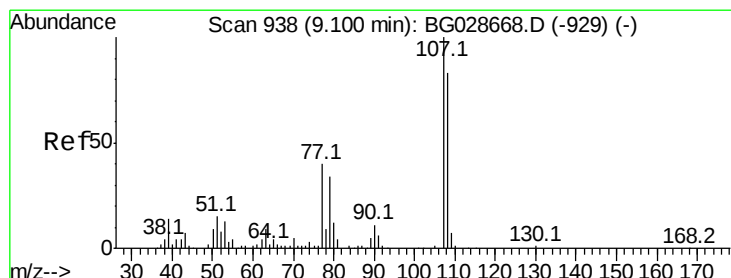
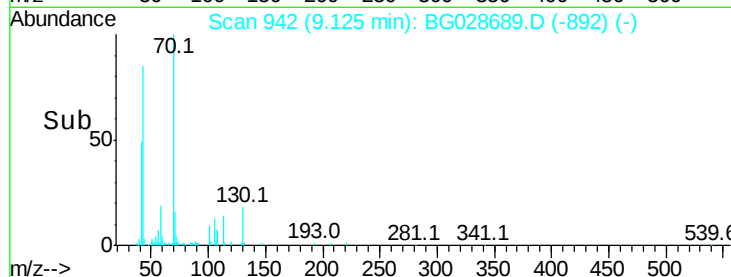
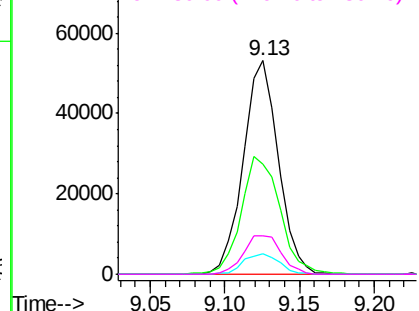
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

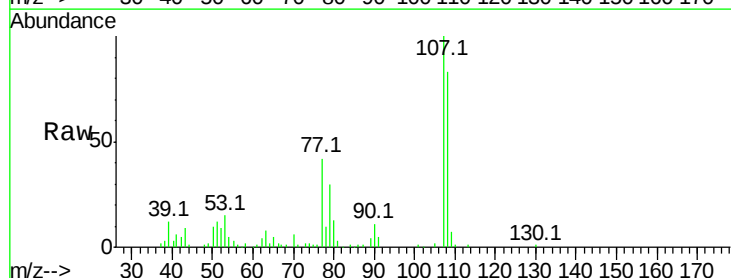
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 32.598 ng
RT: 9.10 min Scan# 937
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Tgt Ion:	107	Resp:	74386
Ion	Ratio	Lower	Upper
107	100		
108	82.5	70.8	110.8
77	42.0	25.8	65.8
79	29.9	20.1	60.1



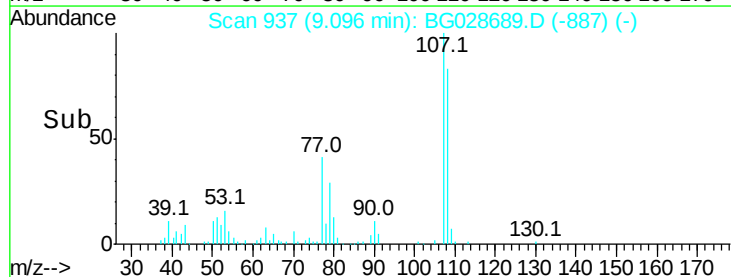
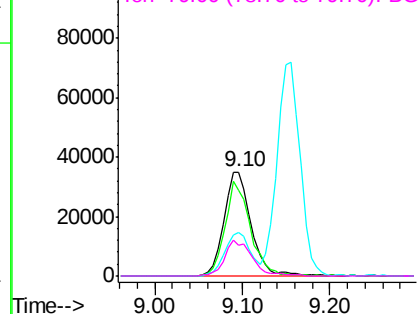
Abundance

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

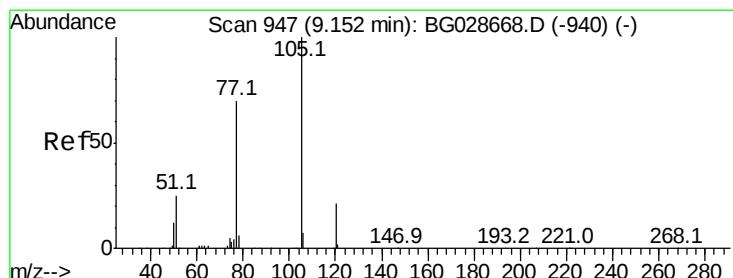
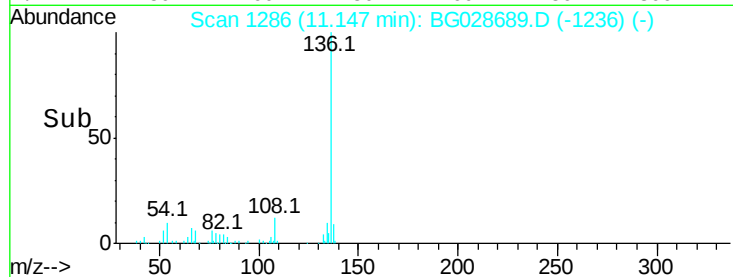
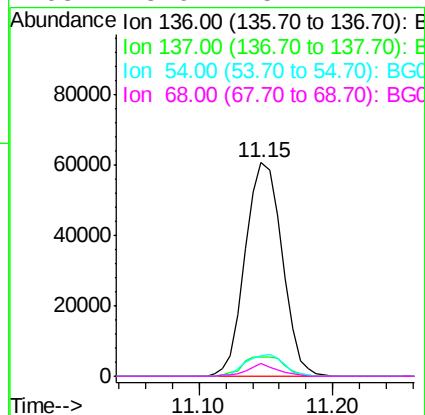
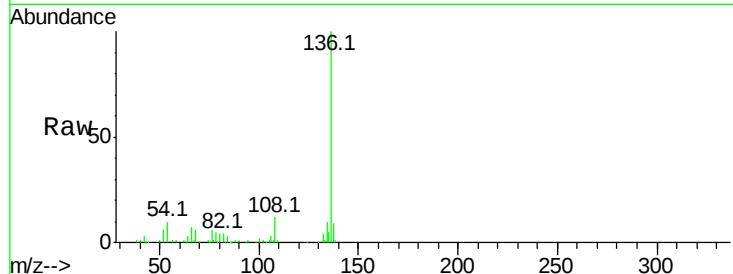




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

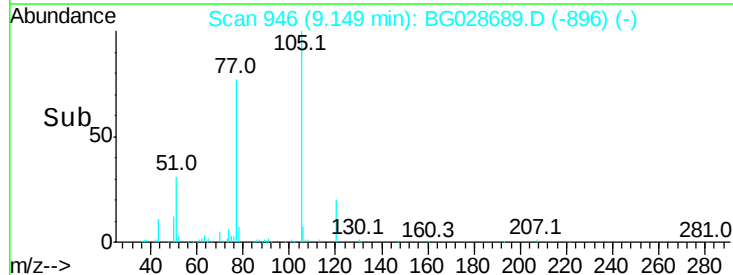
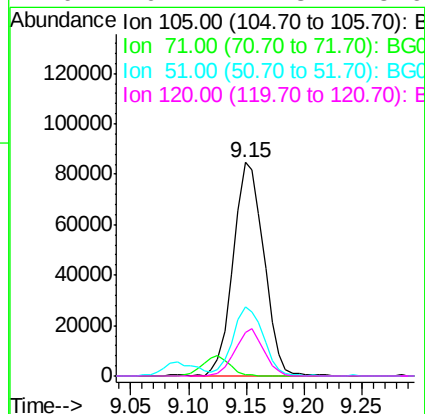
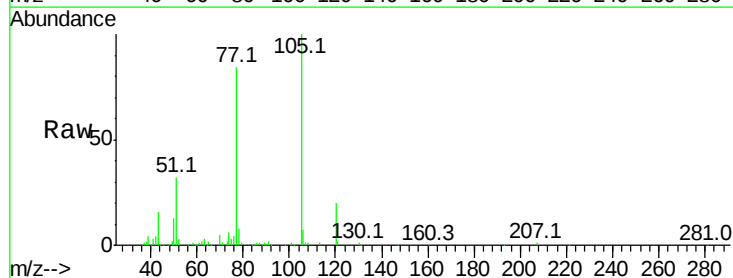
Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

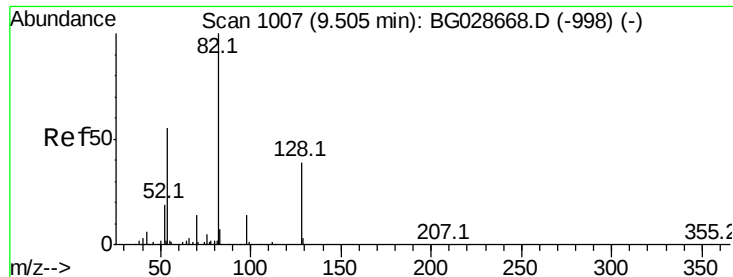
Tot Ion:	136	Resp:	115824
Ion	Ratio	Lower	Upper
136	100		
137	9.1	8.9	13.3
54	9.7	9.3	13.9
68	5.9	5.1	7.7



#22
Acetophenone
Concen: 46.001 ng
RT: 9.15 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Tgt Ion:	105	Resp:	155787
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.9	1.3#
51	32.4	34.0	51.0#
120	20.4	17.3	25.9





#23

Nitrobenzene-d5

Concen: 104.591 ng

RT: 9.50 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

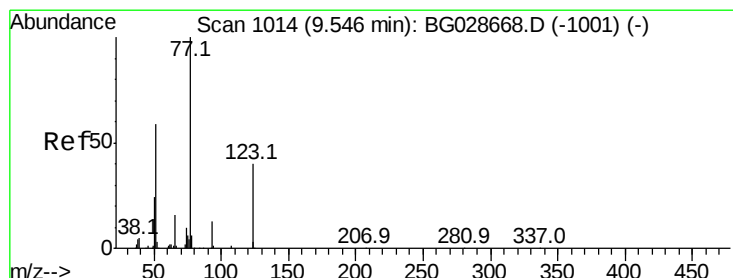
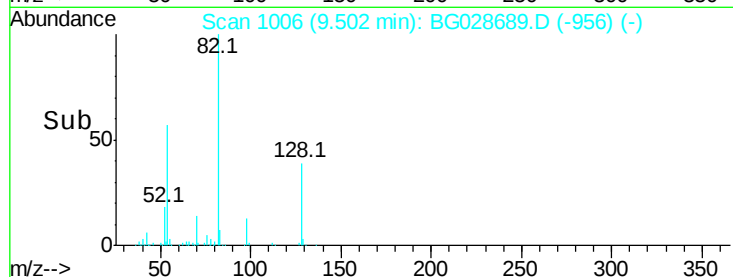
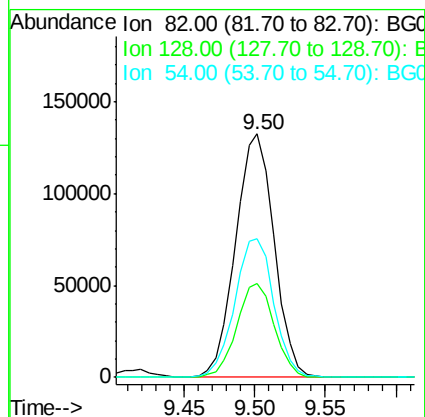
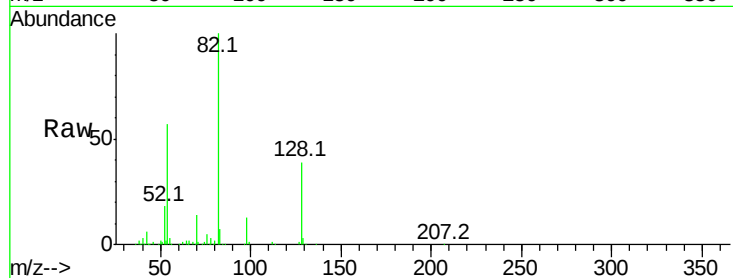
Tot Ion: 82 Resp: 253236

Ion Ratio Lower Upper

82 100

128 38.8 26.4 39.6

54 57.1 49.4 74.2



#24

Nitrobenzene

Concen: 47.379 ng

RT: 9.54 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

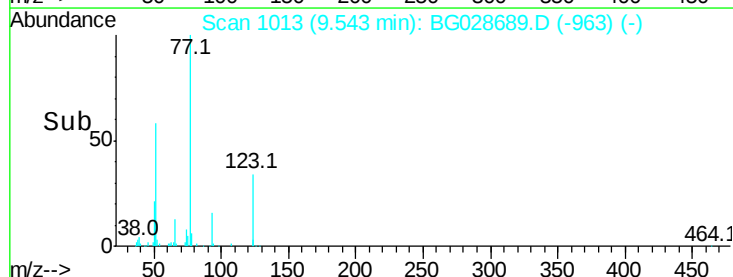
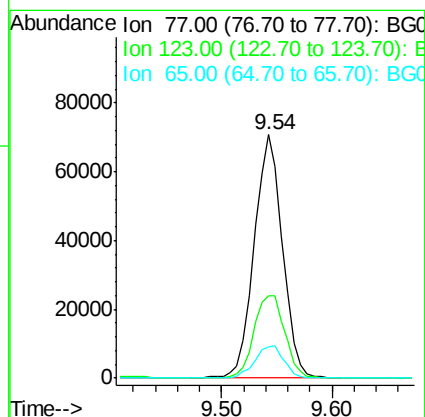
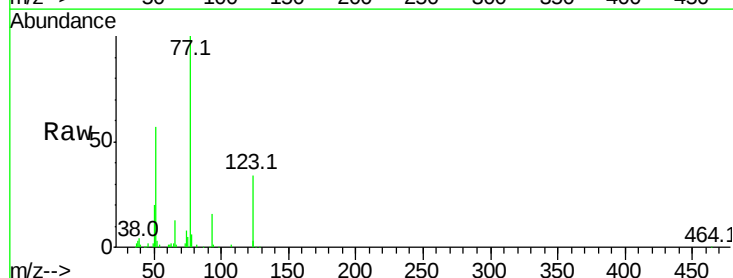
Tgt Ion: 77 Resp: 127026

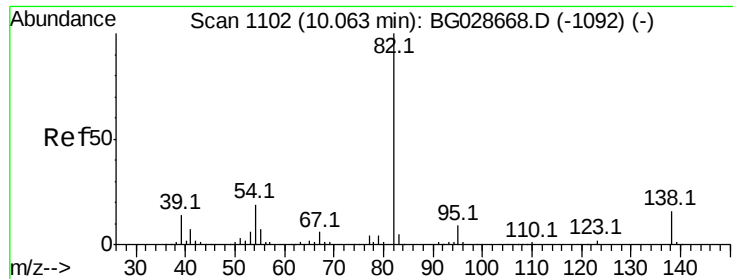
Ion Ratio Lower Upper

77 100

123 33.9 26.1 39.1

65 12.7 12.4 18.6





#25

Isophorone

Concen: 49.143 ng

RT: 10.06 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

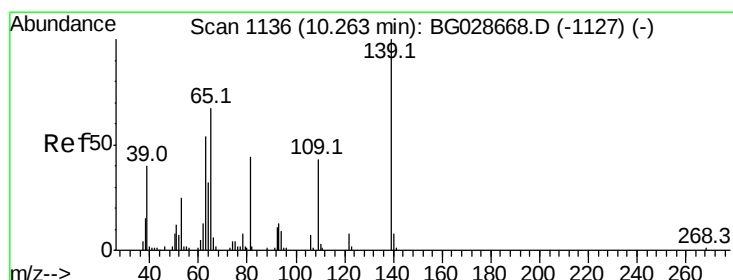
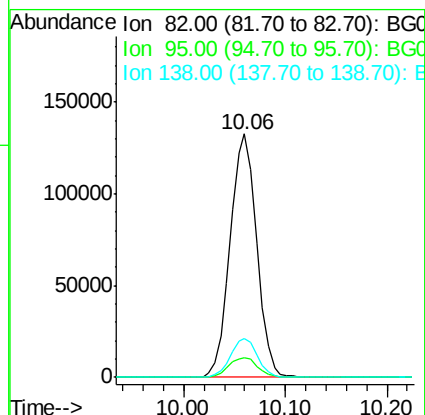
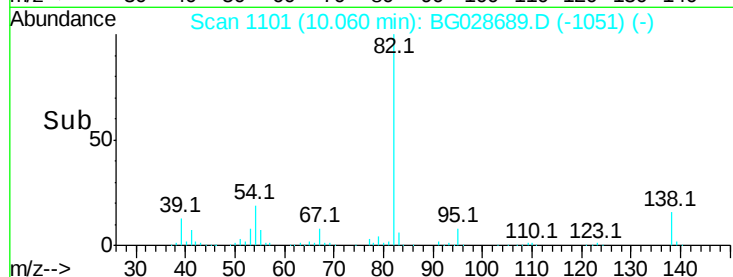
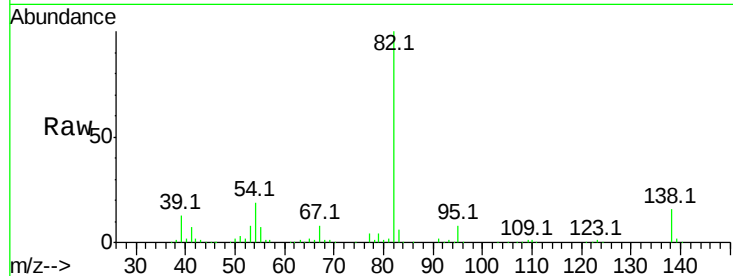
Tot Ion: 82 Resp: 240757

Ion Ratio Lower Upper

82 100

95 8.3 7.5 11.3

138 15.9 12.3 18.5



#26

2-Nitrophenol

Concen: 46.193 ng

RT: 10.26 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

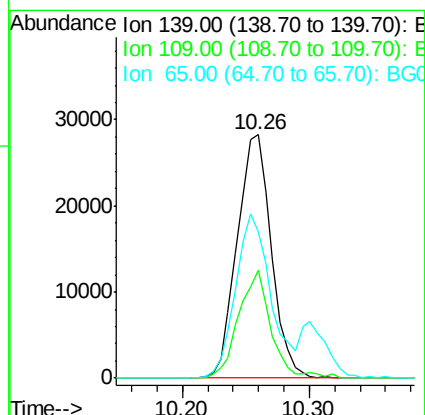
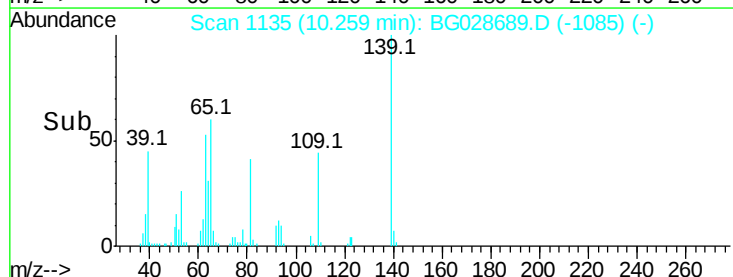
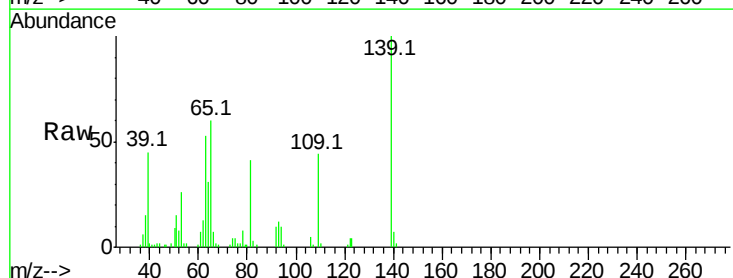
Tgt Ion:139 Resp: 52709

Ion Ratio Lower Upper

139 100

109 44.4 38.6 58.0

65 60.0 57.1 85.7

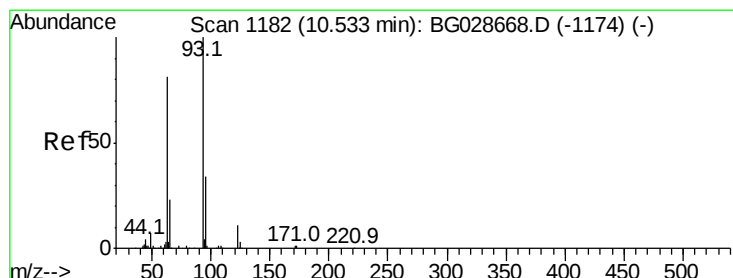
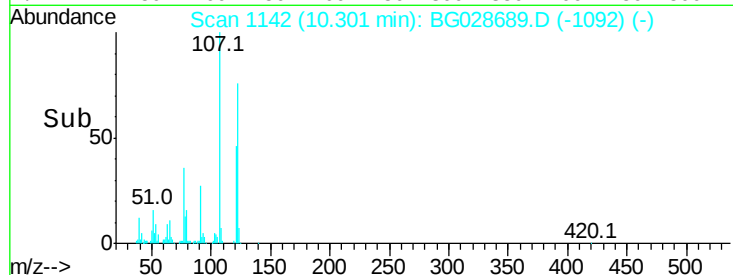
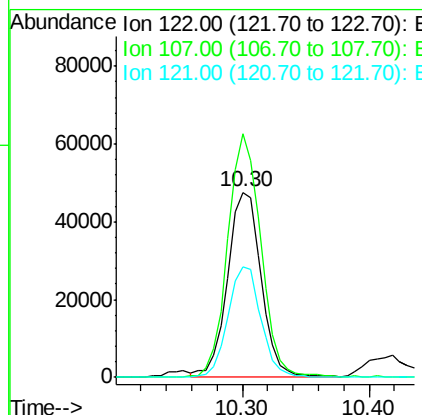
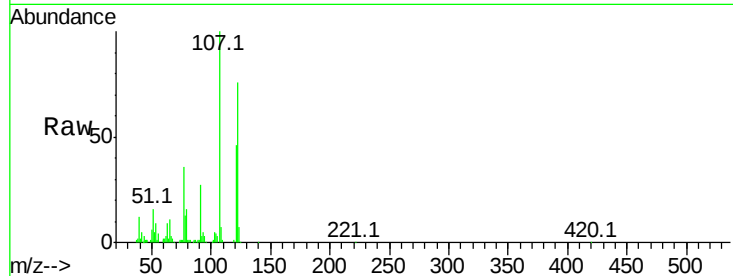




#27
2,4-Dimethylphenol
Concen: 41.470 ng
RT: 10.30 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

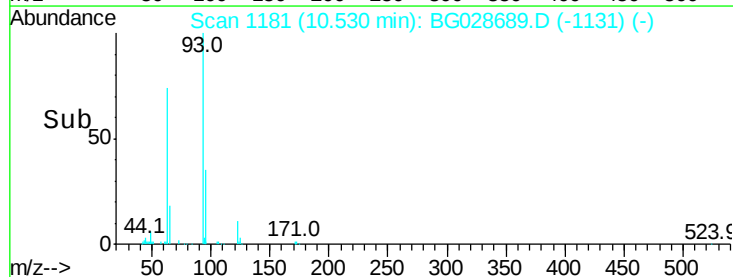
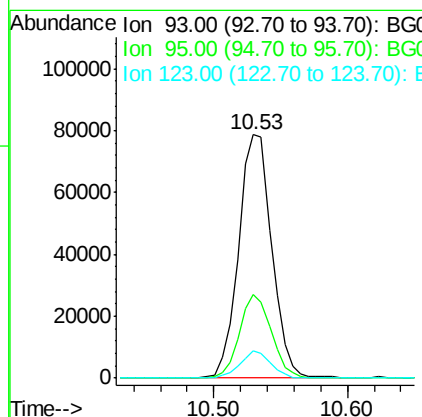
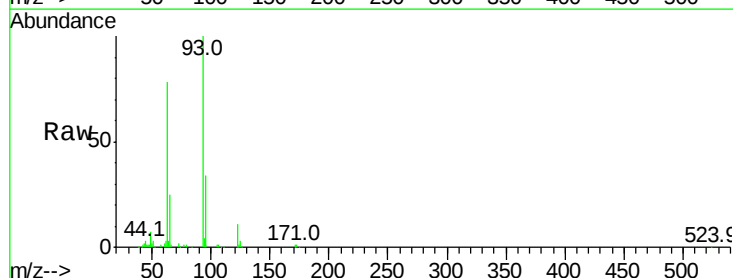
Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

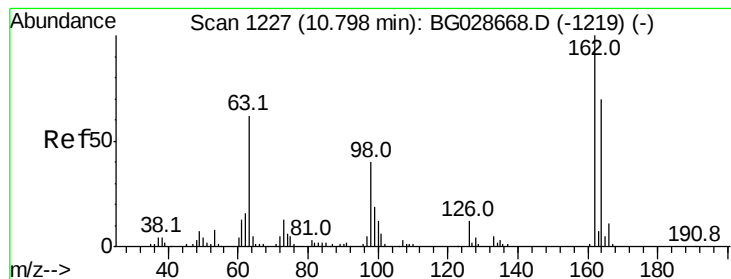
Tot Ion:122 Resp: 86497
Ion Ratio Lower Upper
122 100
107 131.5 104.2 156.4
121 60.0 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 50.715 ng
RT: 10.53 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Tgt Ion: 93 Resp: 134925
Ion Ratio Lower Upper
93 100
95 34.2 25.7 38.5
123 11.1 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 47.866 ng

RT: 10.80 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

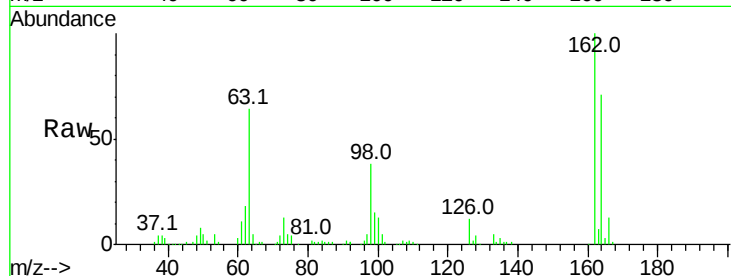
Tot Ion:162 Resp: 99334

Ion Ratio Lower Upper

162 100

164 70.9 42.4 82.4

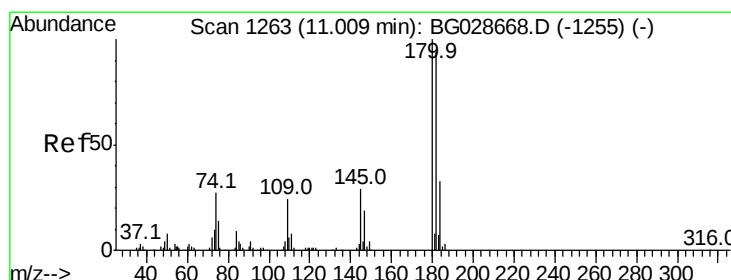
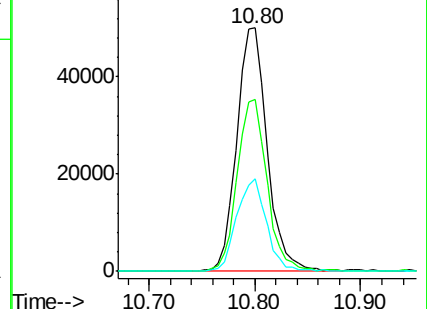
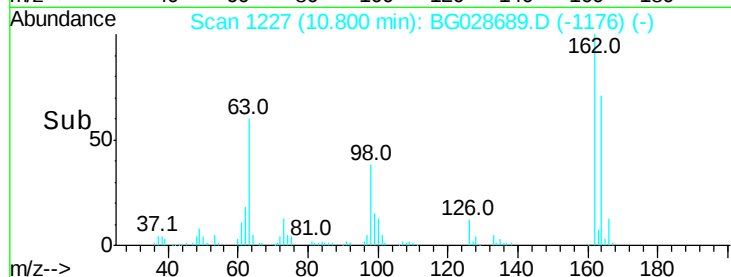
98 37.8 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 46.624 ng

RT: 11.01 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

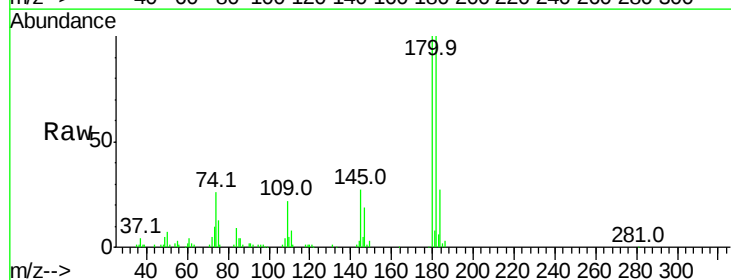
Tgt Ion:180 Resp: 110379

Ion Ratio Lower Upper

180 100

182 99.9 77.0 115.4

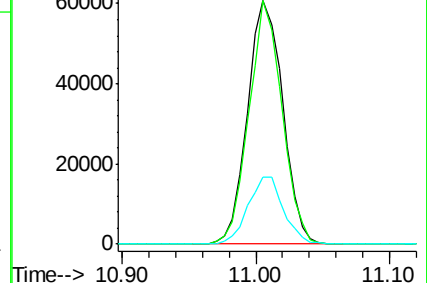
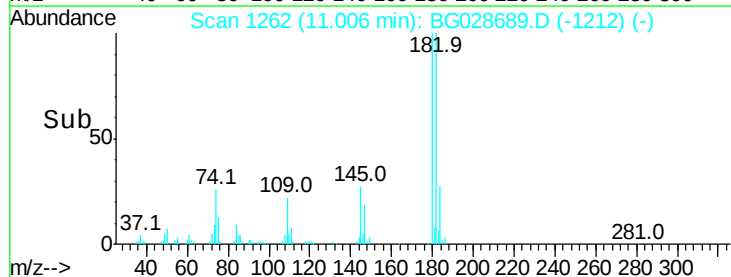
145 27.3 23.4 35.0

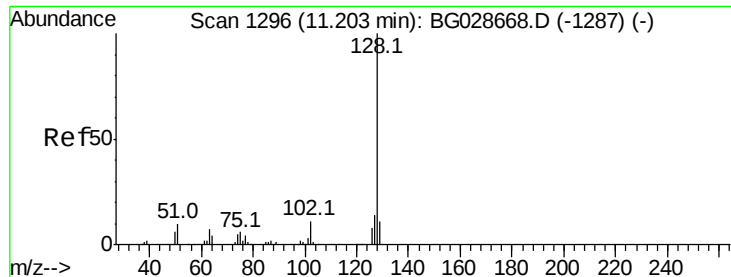


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

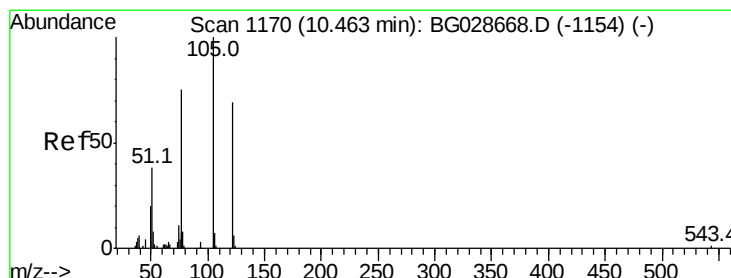
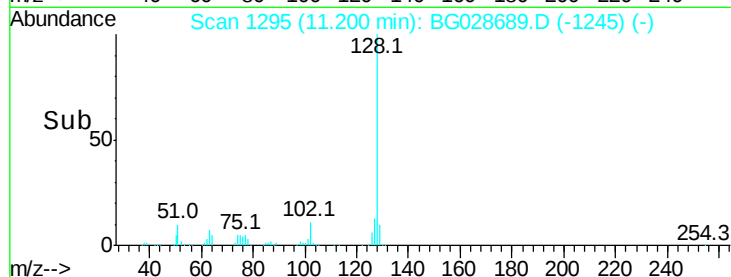
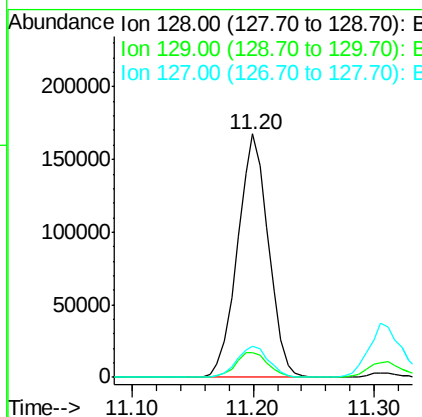
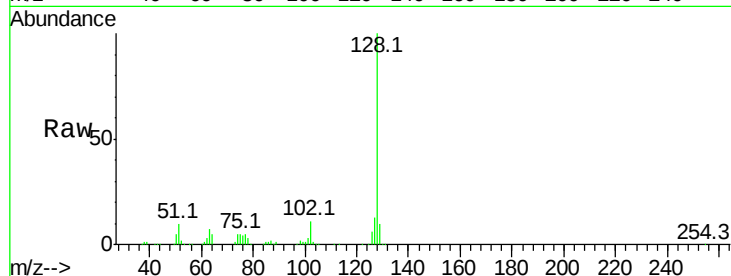




#31
Naphthalene
Concen: 49.194 ng
RT: 11.20 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

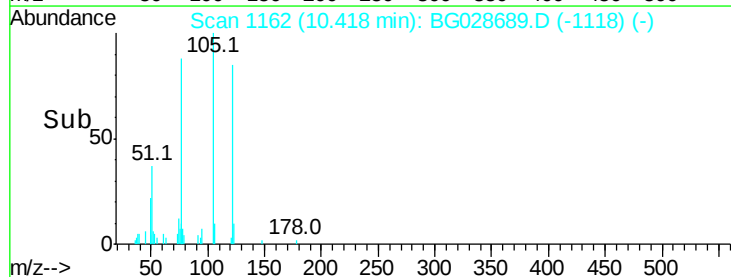
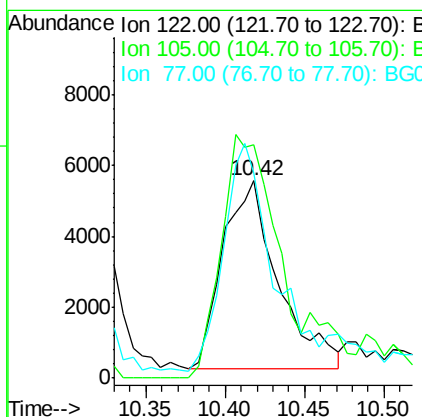
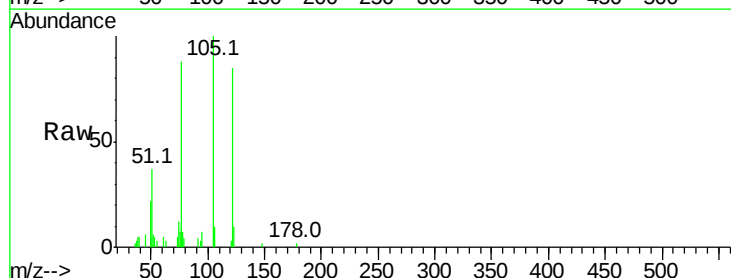
Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

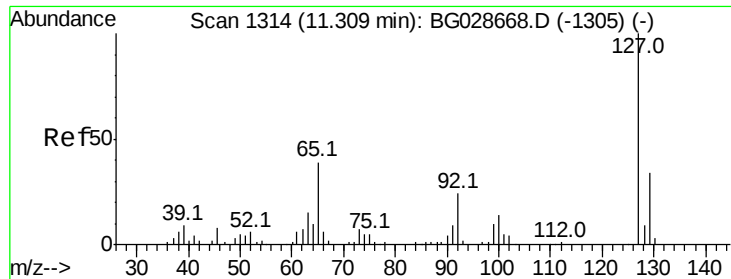
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.3	13.9
127	12.6	11.4	17.0



#32
Benzoic acid
Concen: 13.665 ng
RT: 10.42 min Scan# 1162
Delta R.T. -0.04 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	120.1	160.1#
77	104.4	104.6	144.6#

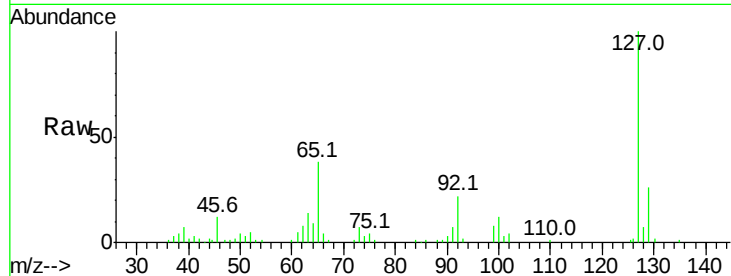




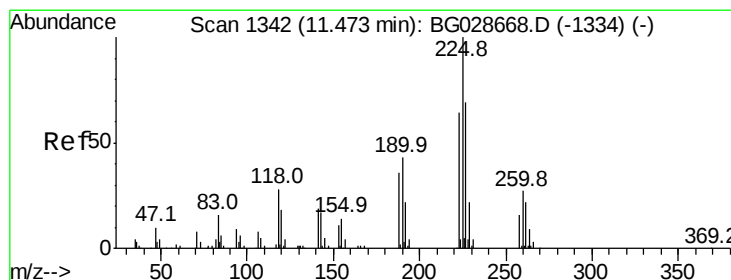
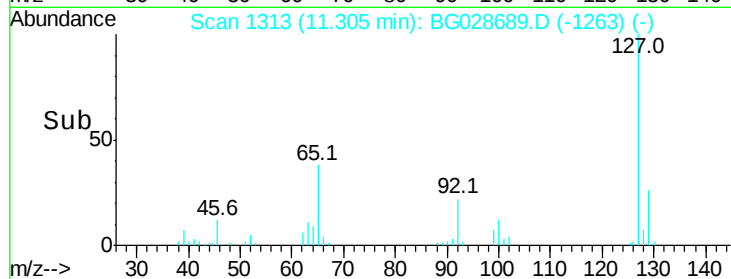
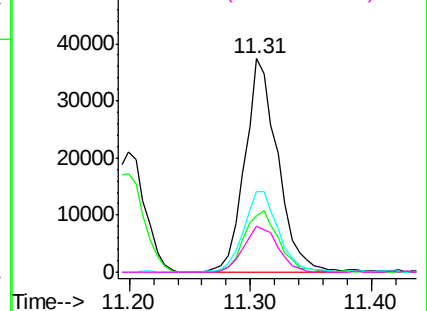
#33
4-Chloroaniline
Concen: 28.110 ng
RT: 11.31 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

Tot Ion:	127	Resp:	71235
Ion	Ratio	Lower	Upper
127	100		
129	26.2	23.6	35.4
65	37.9	37.7	56.5
92	21.5	17.6	26.4

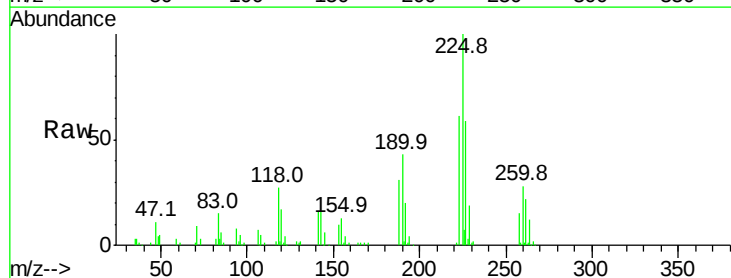


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

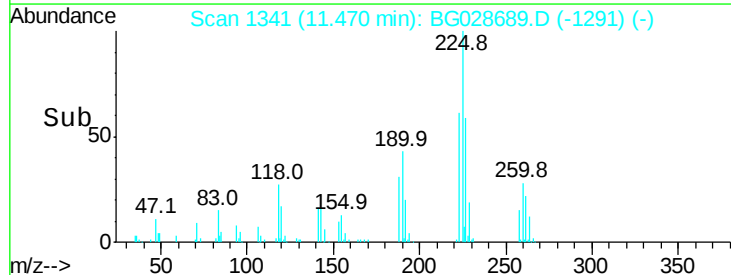
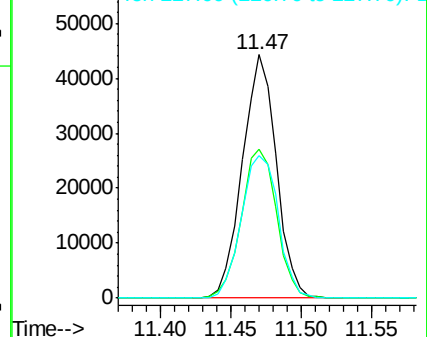


#34
Hexachlorobutadiene
Concen: 42.754 ng
RT: 11.47 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Tgt Ion:	225	Resp:	74552
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.7	76.1
227	58.7	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: 9.094 ng

RT: 12.09 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

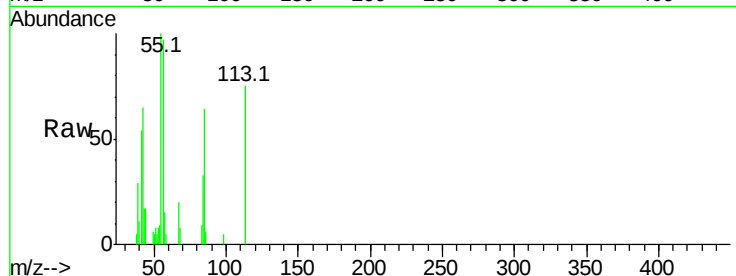
Tot Ion:113 Resp: 6768

Ion Ratio Lower Upper

113 100

55 133.0 198.6 238.6#

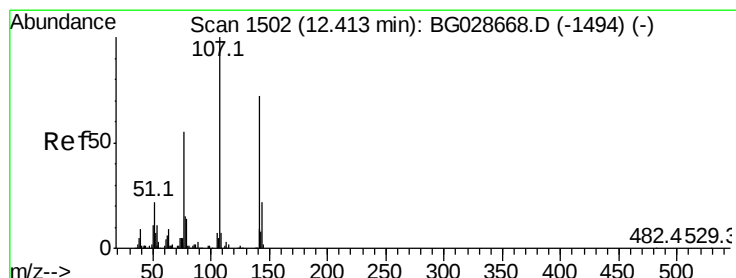
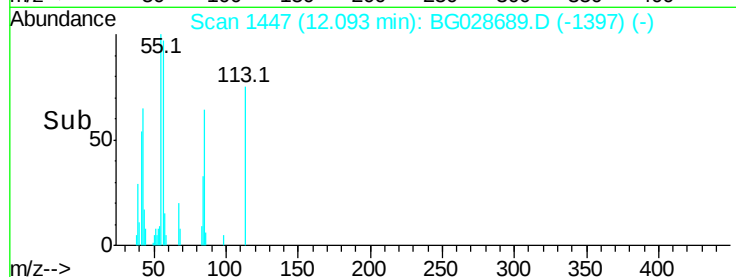
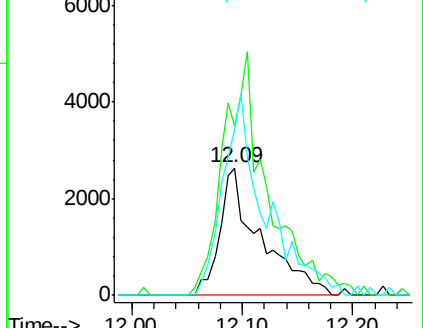
56 129.4 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.654 ng

RT: 12.41 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

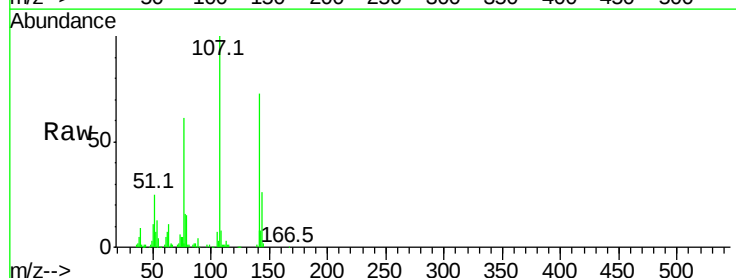
Tgt Ion:107 Resp: 120600

Ion Ratio Lower Upper

107 100

144 26.4 17.4 26.0#

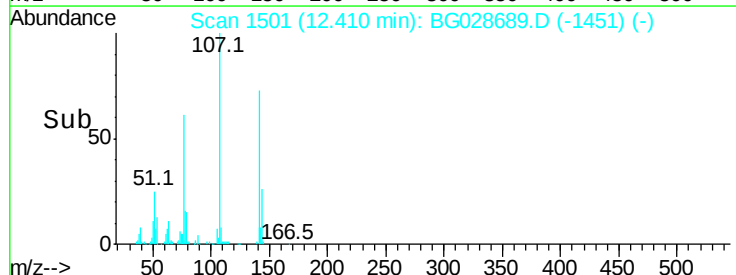
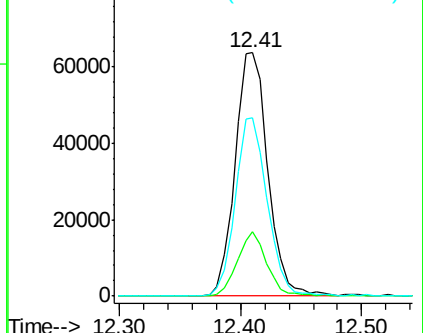
142 73.0 54.1 81.1

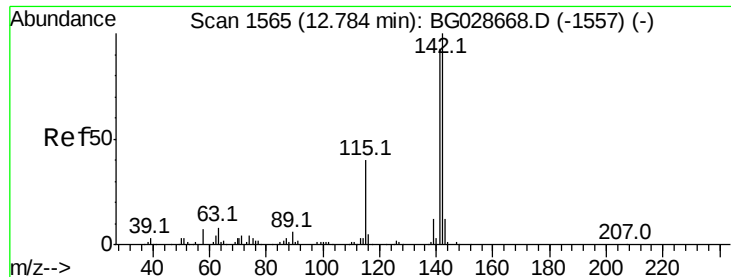


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

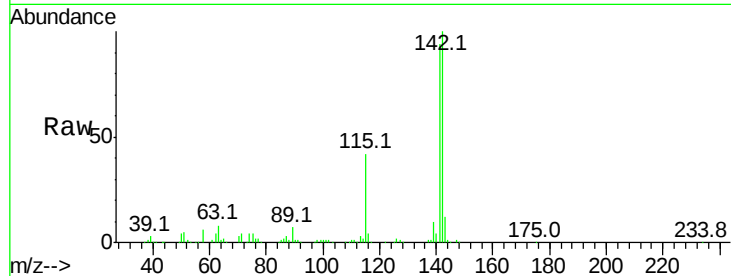




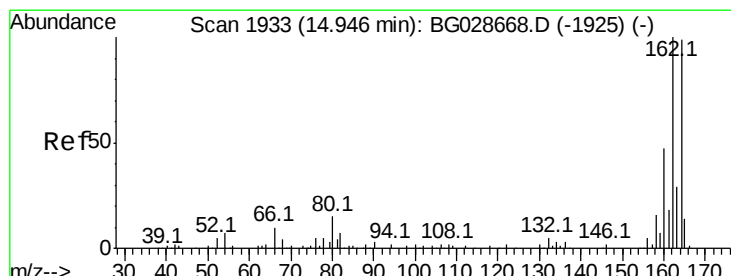
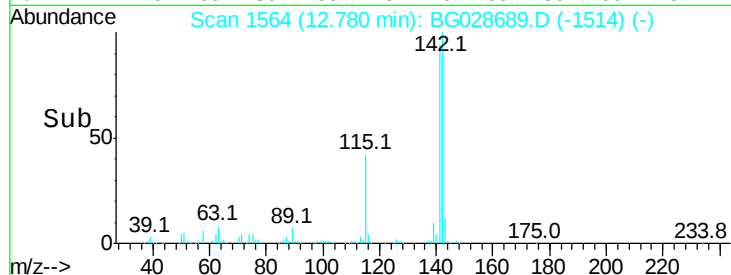
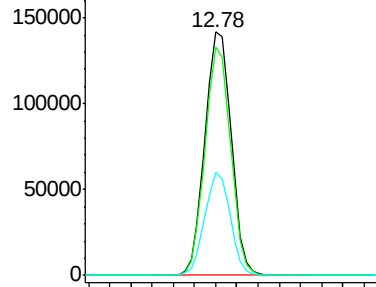
#37
2-Methylnaphthalene
Concen: 54.039 ng
RT: 12.78 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.9	70.4	105.6
115	42.3	35.5	53.3

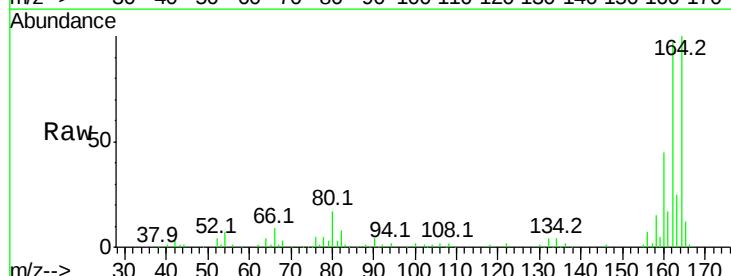


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

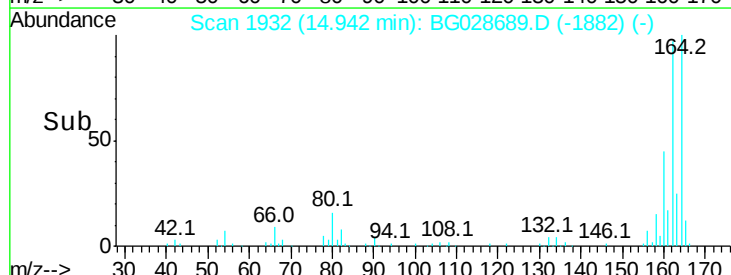
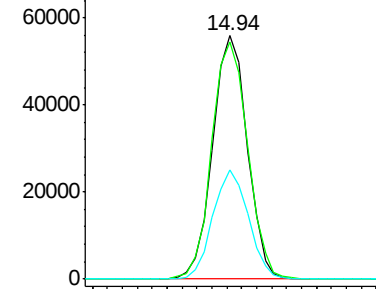


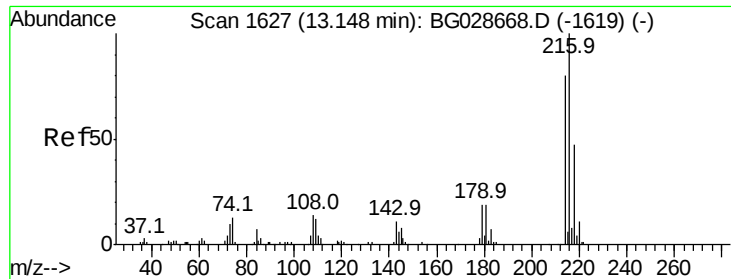
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	85.1	127.7
160	45.0	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: 42.172 ng

RT: 13.14 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

Tot Ion:216 Resp: 154988

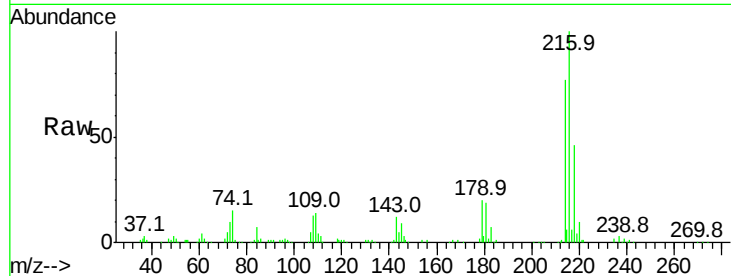
Ion Ratio Lower Upper

216 100

214 79.5 64.4 96.6

179 19.2 17.4 26.0

108 16.4 15.6 23.4

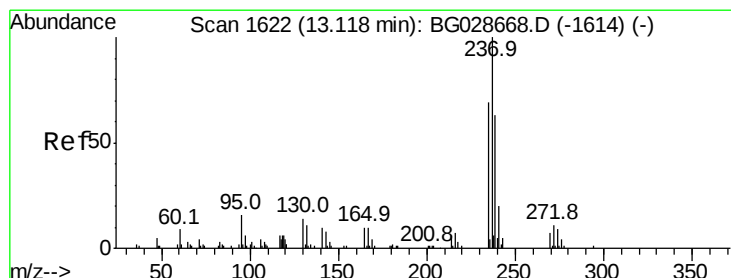
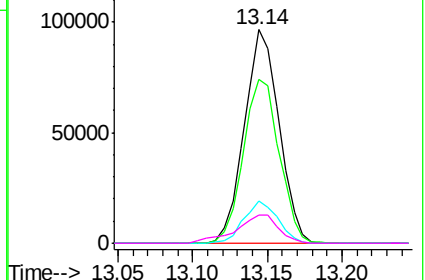
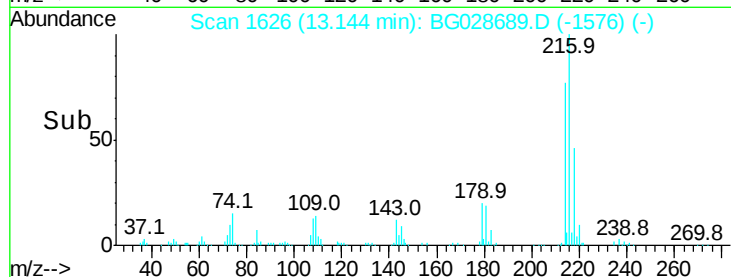


Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.465 ng

RT: 13.11 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

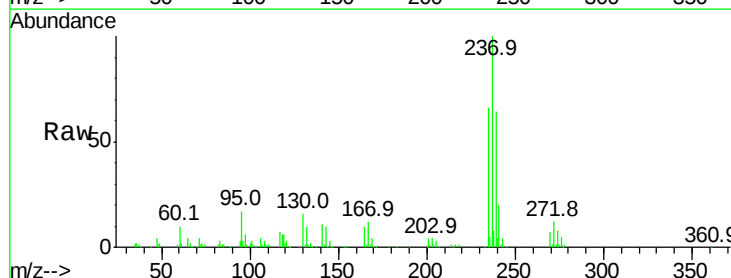
Tgt Ion:237 Resp: 137036

Ion Ratio Lower Upper

237 100

235 66.4 39.4 79.4

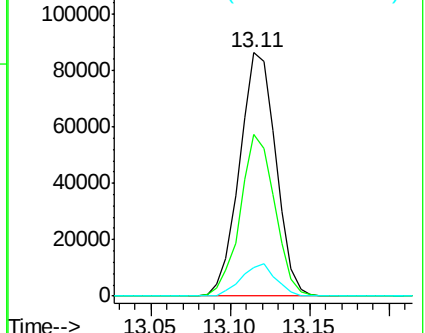
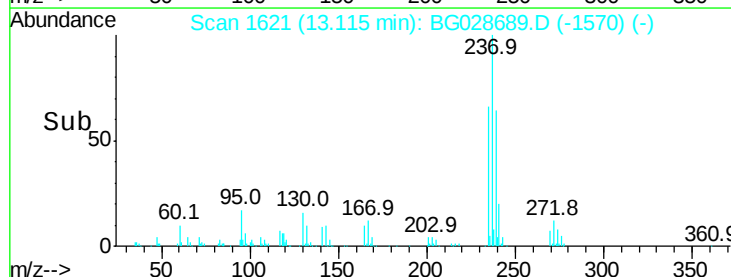
272 11.6 0.0 32.0

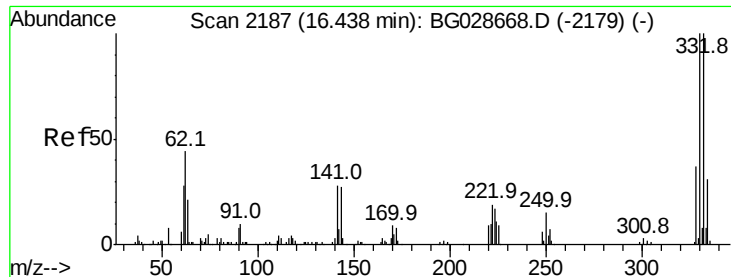


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

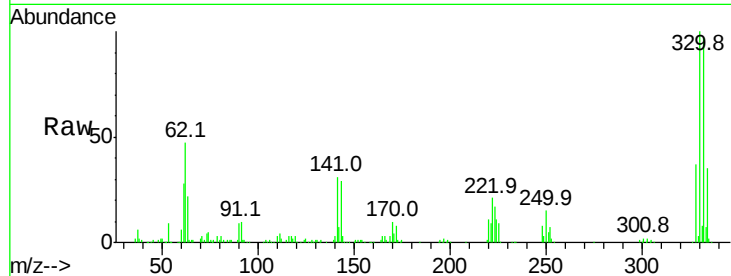




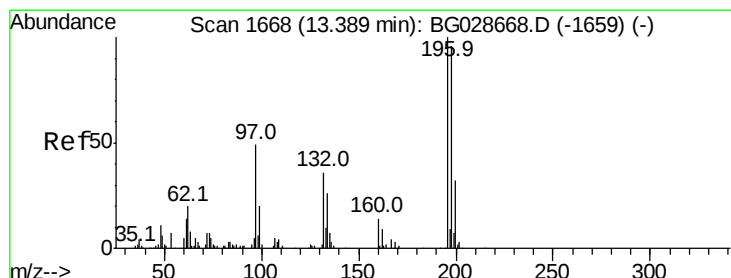
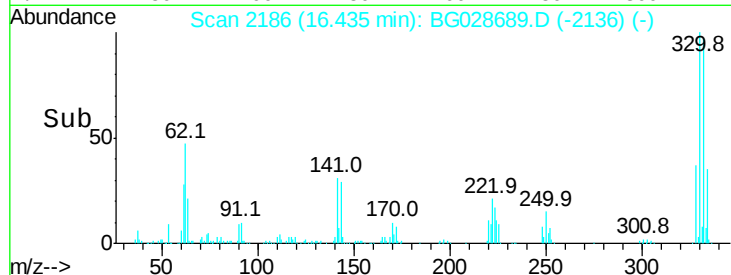
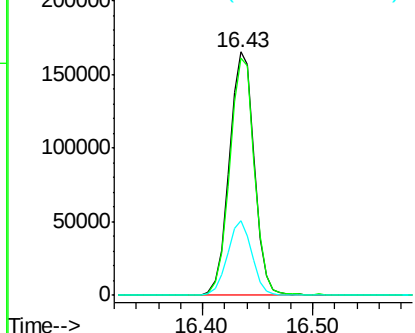
#41
 2,4,6-Tribromophenol
 Concen: 177.381 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG028689.D
 Acq: 13 Sep 2017 3:44

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-03-090817MSD

Tot Ion:330 Resp: 262226
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 30.3 32.1 48.1#

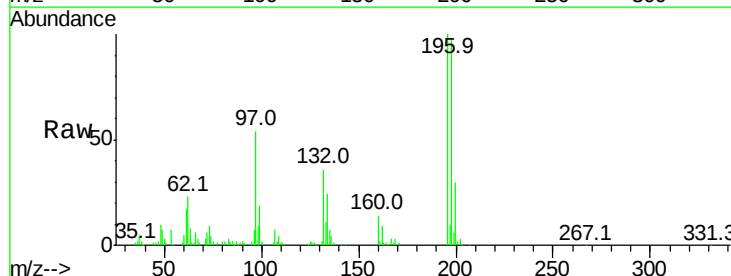


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

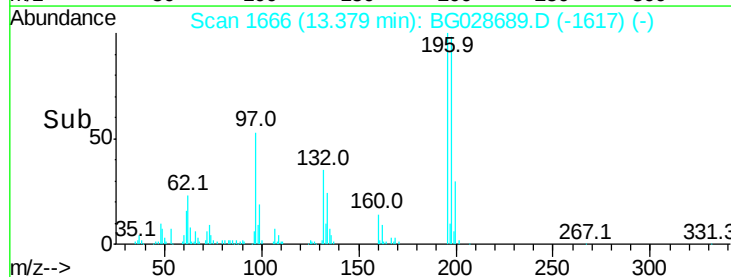
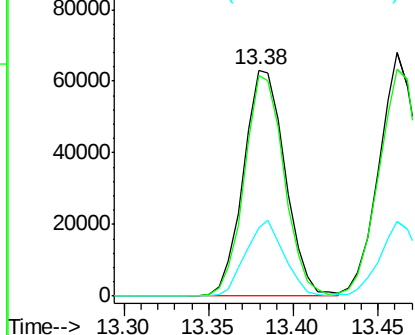


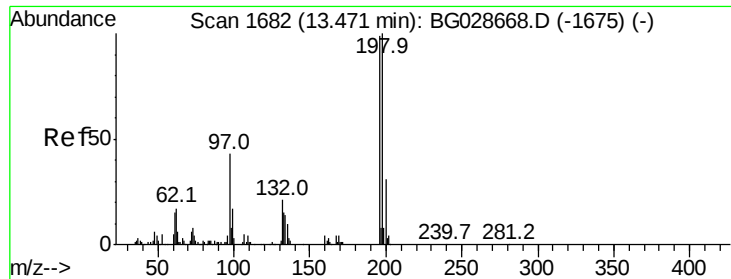
#42
 2,4,6-Trichlorophenol
 Concen: 46.464 ng
 RT: 13.38 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG028689.D
 Acq: 13 Sep 2017 3:44

Tgt Ion:196 Resp: 108380
 Ion Ratio Lower Upper
 196 100
 198 97.5 81.4 122.2
 200 29.9 27.0 40.6



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

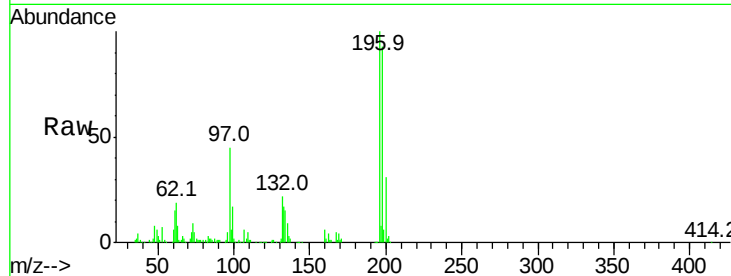




#43
2,4,5-Trichlorophenol
Concen: 49.958 ng
RT: 13.46 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	79.9	119.9
97	45.0	45.4	68.0
132	21.9	20.7	31.1



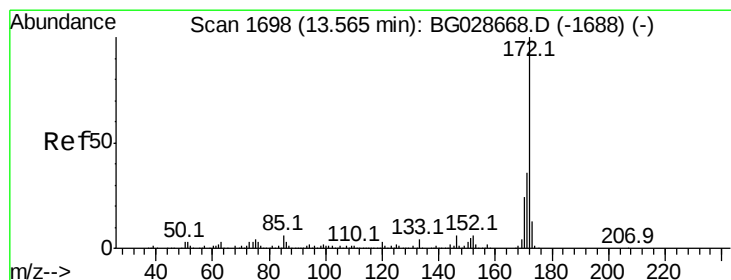
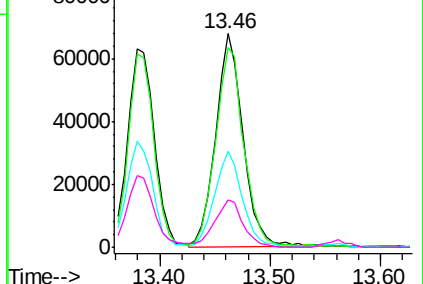
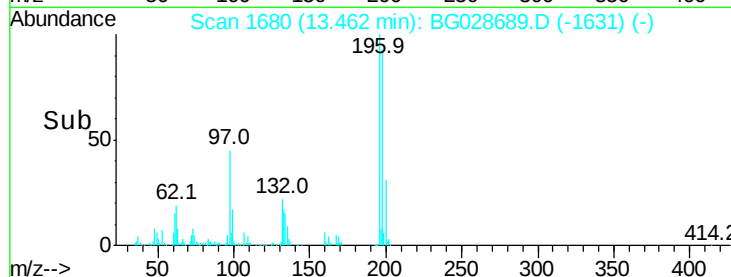
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

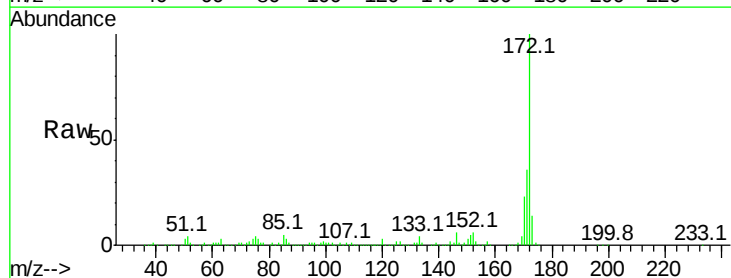
Ion 97.00 (96.70 to 97.70): B

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 96.971 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	22.9	21.8	32.6

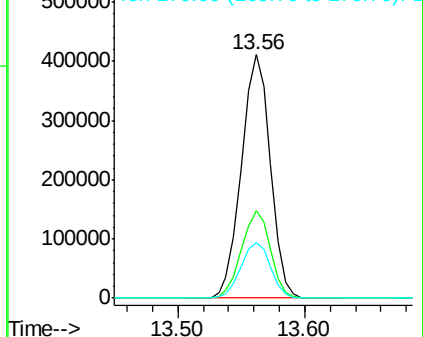
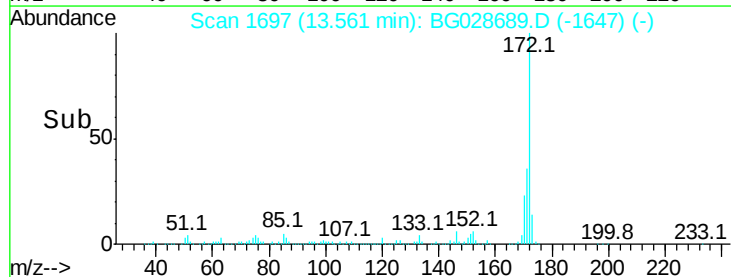


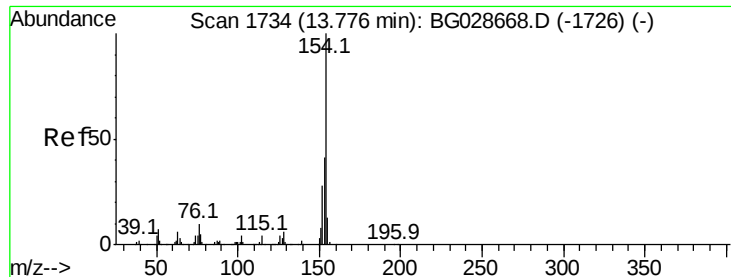
Abundance

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

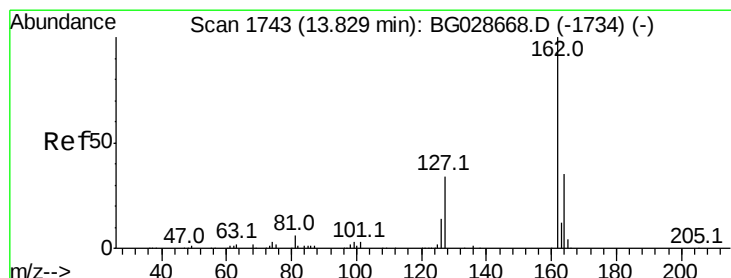
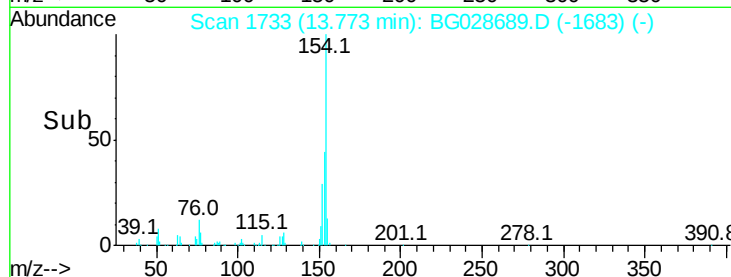
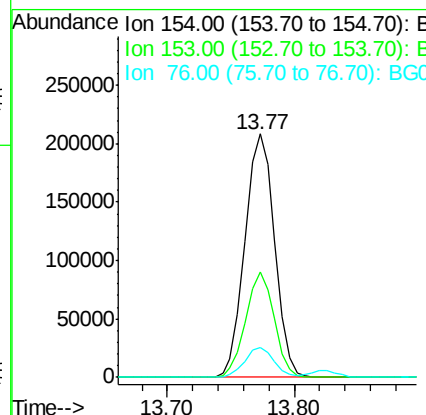
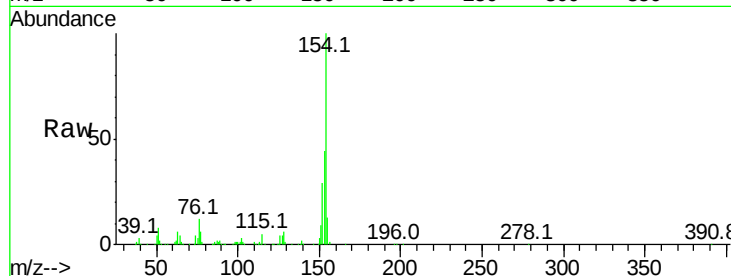




#45
 1,1'-Biphenyl
 Concen: 45.689 ng
 RT: 13.77 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG028689.D
 Acq: 13 Sep 2017 3:44

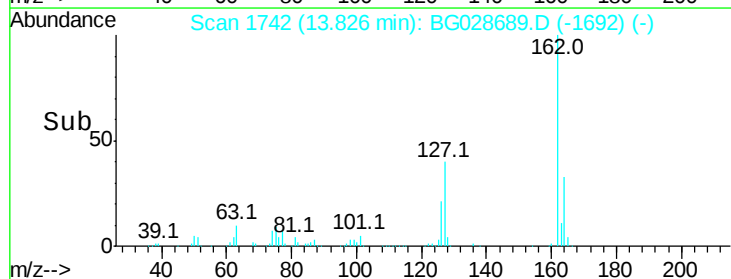
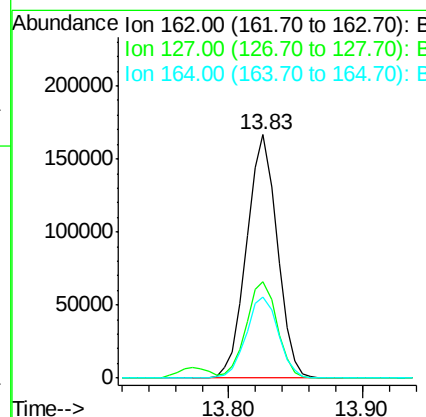
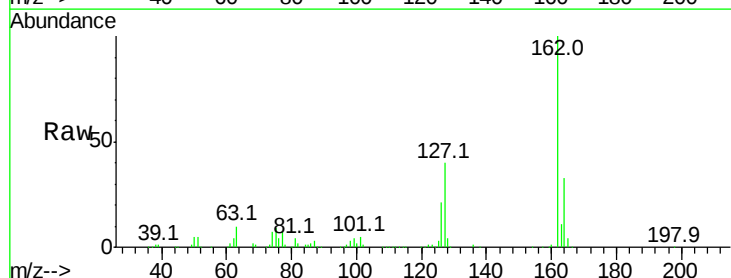
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-03-090817MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.5	23.0	63.0
76	12.1	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 48.648 ng
 RT: 13.83 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG028689.D
 Acq: 13 Sep 2017 3:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.2	48.4
164	33.0	27.3	40.9

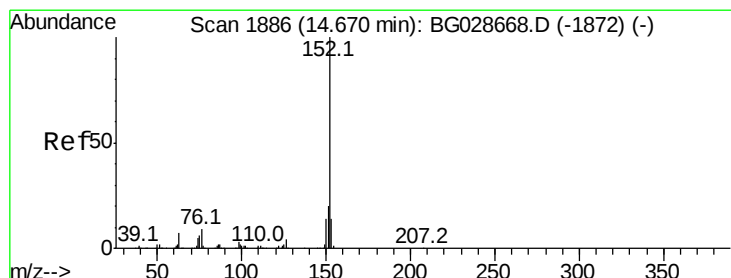
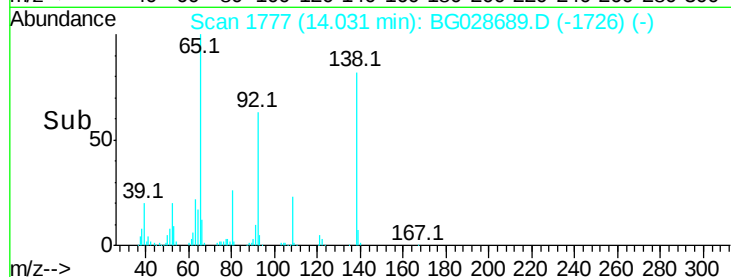
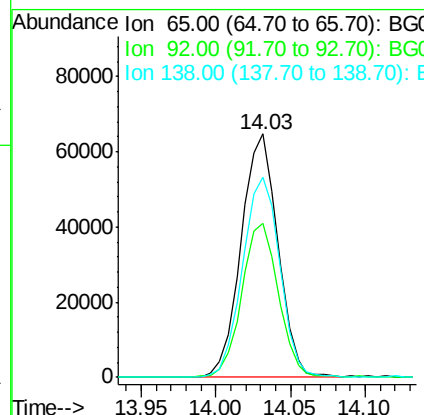
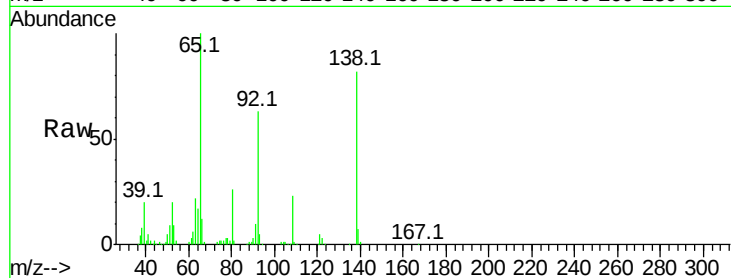




#47
2-Nitroaniline
Concen: 55.044 ng
RT: 14.03 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

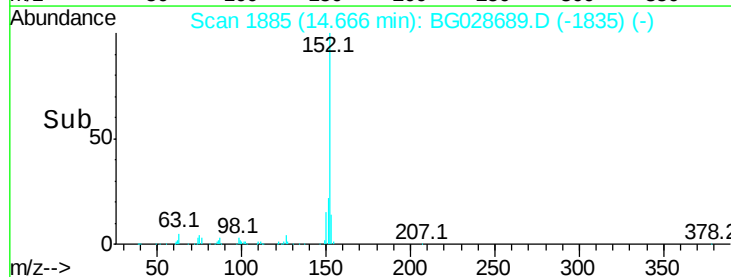
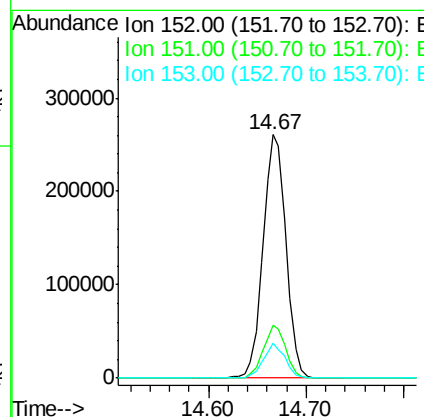
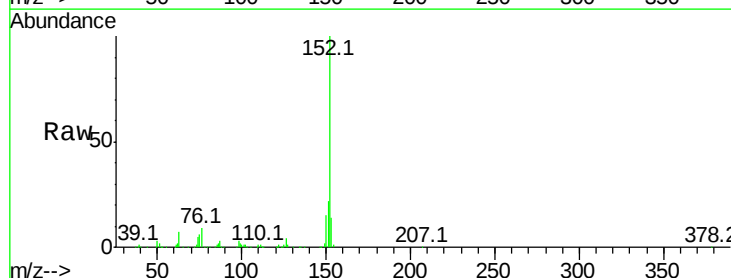
Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

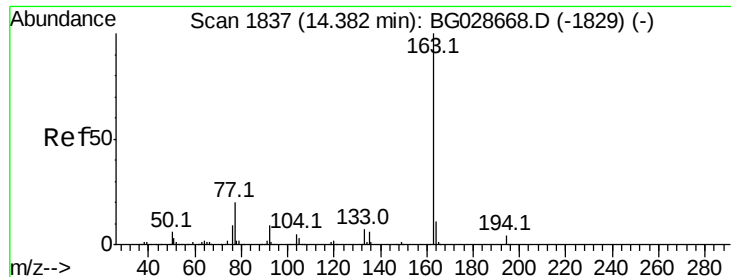
Tot Ion	Ratio	Lower	Upper
65	100		
92	63.2	49.0	73.4
138	82.0	58.6	87.8



#48
Acenaphthylene
Concen: 49.923 ng
RT: 14.67 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	18.2	27.2
153	14.3	11.3	16.9

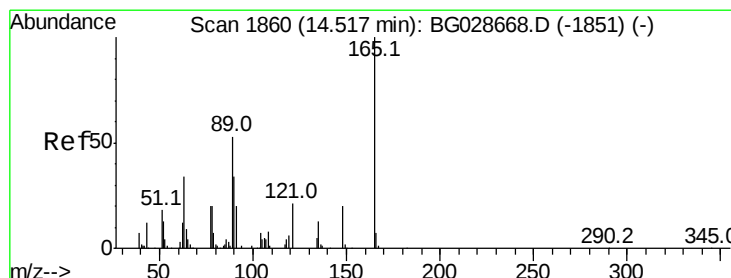
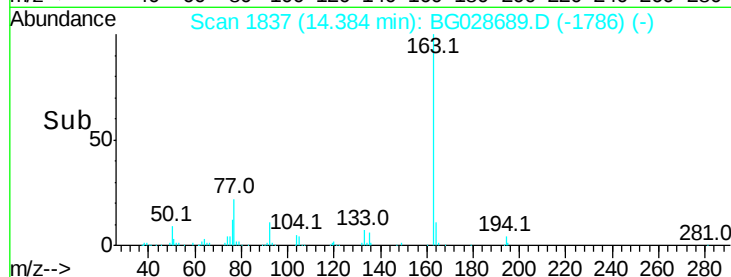
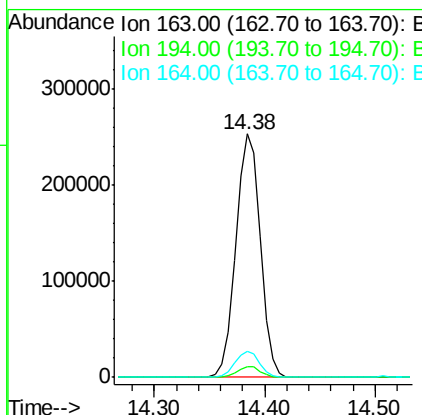
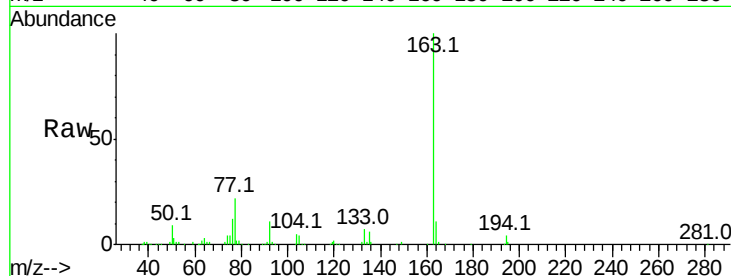




#49
Dimethylphthalate
Concen: 52.305 ng
RT: 14.38 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

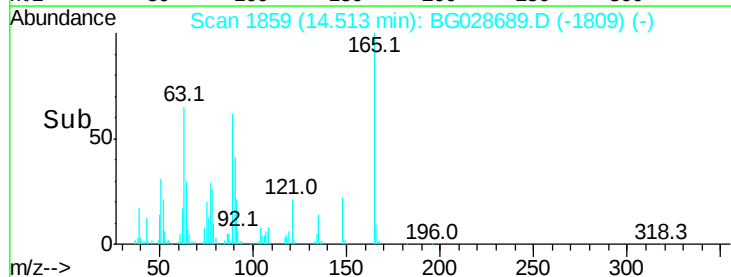
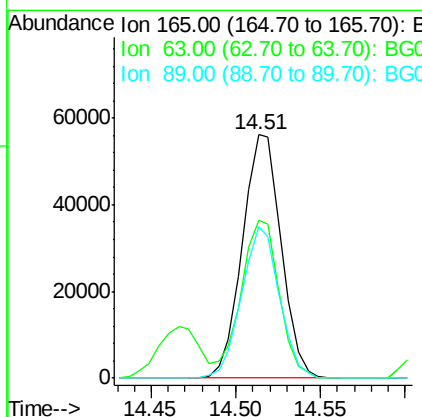
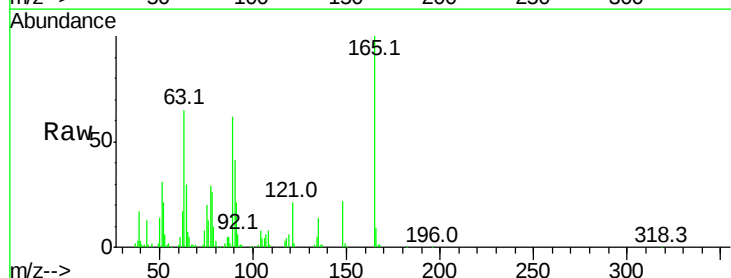
Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

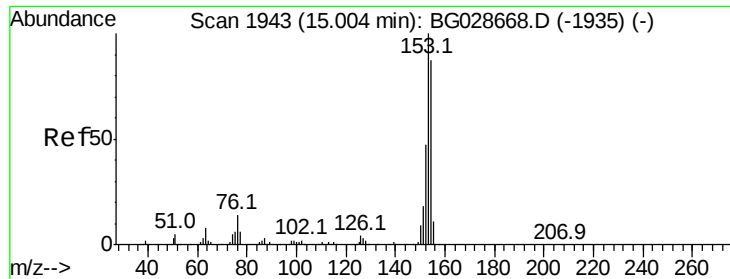
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	10.7	9.3	13.9



#50
2,6-Dinitrotoluene
Concen: 53.560 ng
RT: 14.51 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.8	63.9	95.9
89	62.3	58.6	88.0





#51

Acenaphthene

Concen: 50.742 ng

RT: 15.01 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

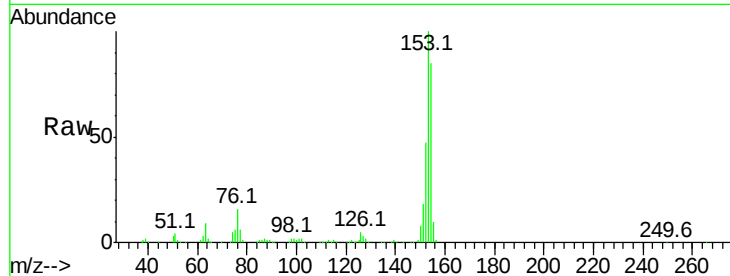
Tot Ion:154 Resp: 265814

Ion Ratio Lower Upper

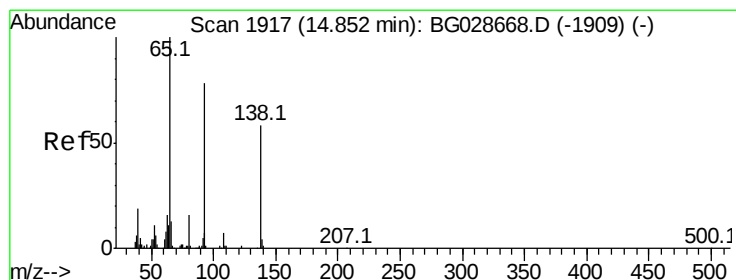
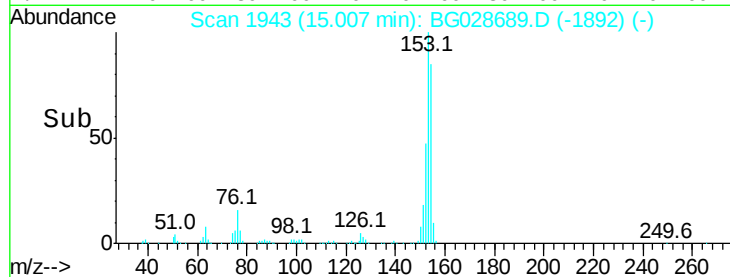
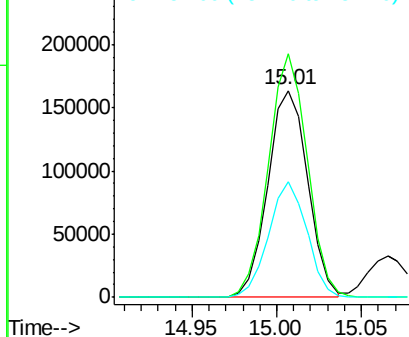
154 100

153 117.9 87.8 131.6

152 55.9 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: 33.570 ng

RT: 14.85 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

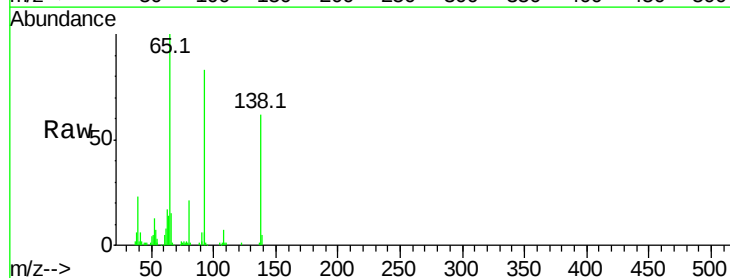
Tgt Ion:138 Resp: 49511

Ion Ratio Lower Upper

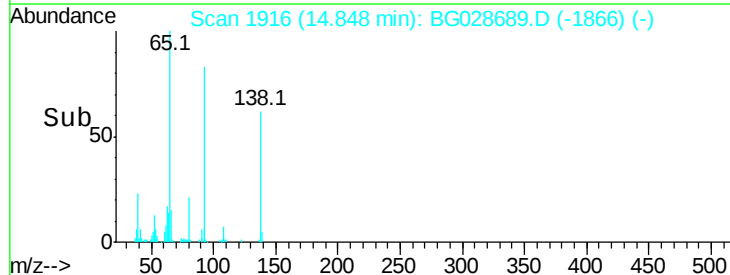
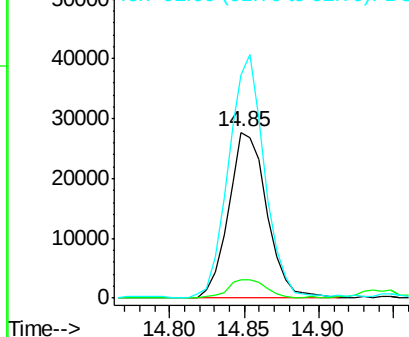
138 100

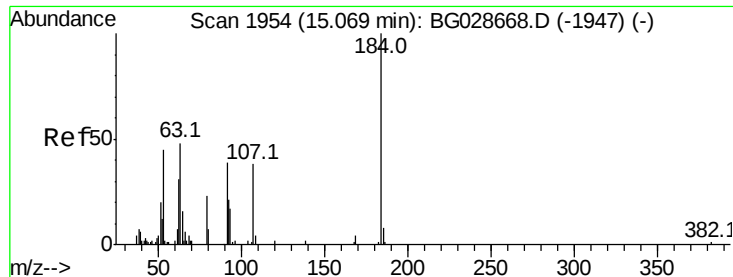
108 10.9 10.9 16.3

92 134.1 115.3 172.9



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

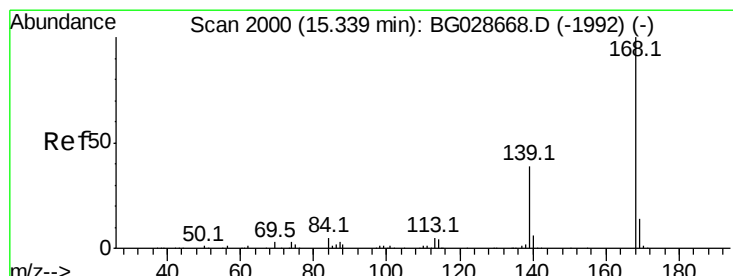
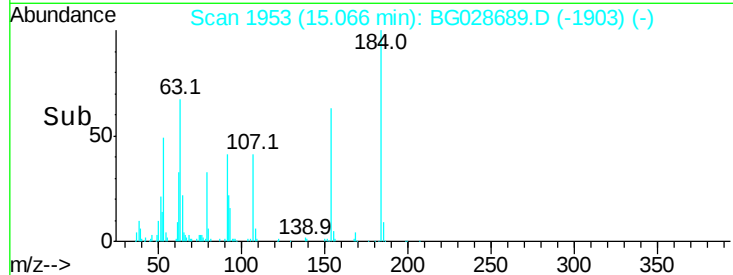
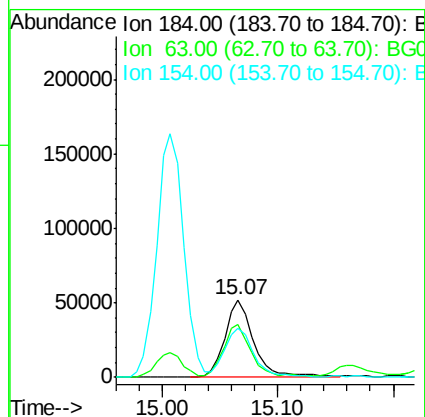
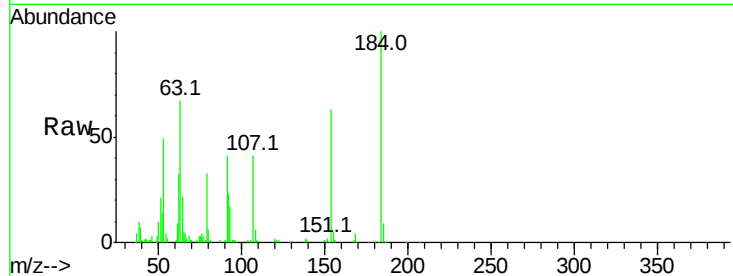




#53
2,4-Dinitrophenol
Concen: 100.125 ng
RT: 15.07 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

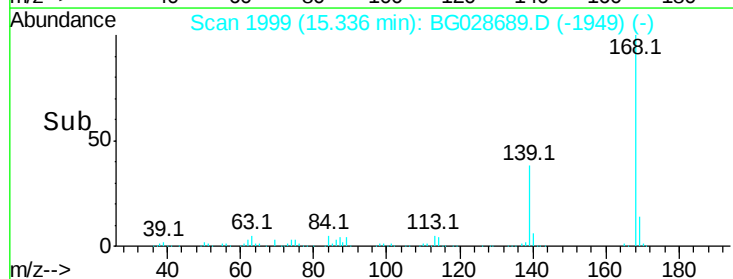
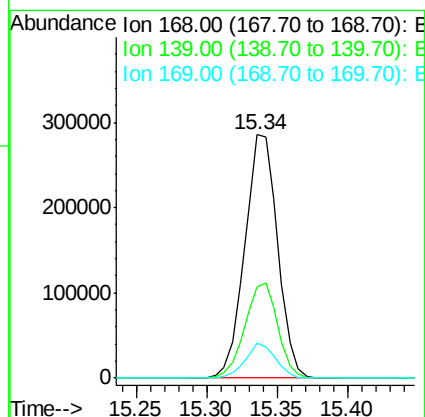
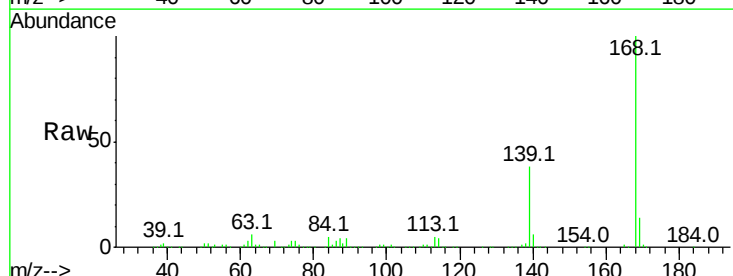
Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

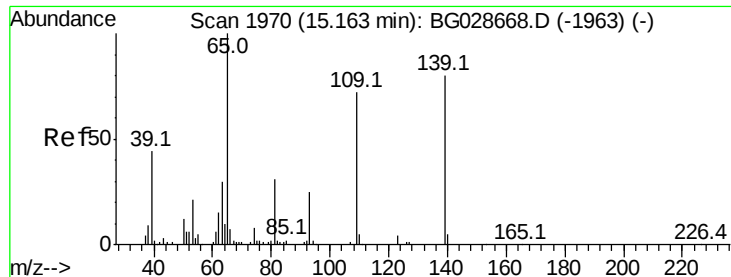
Tot Ion	Ratio	Lower	Upper
184	100		
63	67.4	52.7	79.1
154	63.3	57.3	85.9



#54
Dibenzofuran
Concen: 55.617 ng
RT: 15.34 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	35.3	52.9
169	14.4	11.5	17.3





#55

4-Nitrophenol

Concen: 40.319 ng

RT: 15.16 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

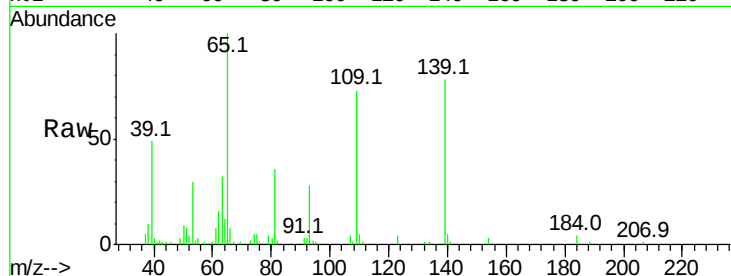
Tot Ion:139 Resp: 43566

Ion Ratio Lower Upper

139 100

109 93.3 101.2 141.2#

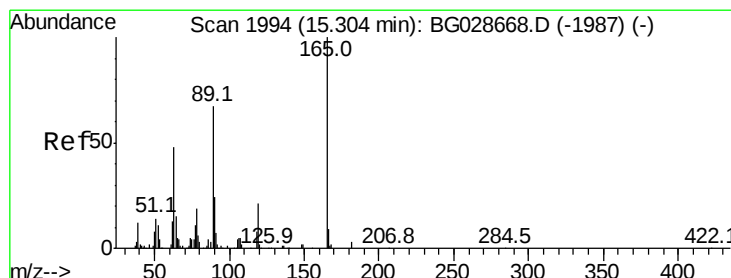
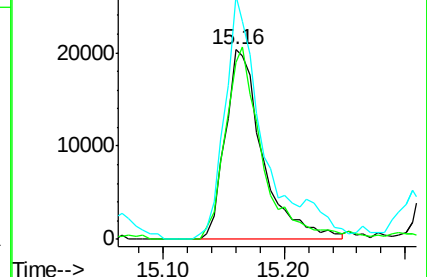
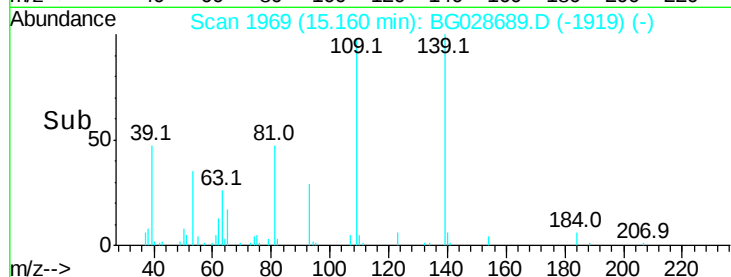
65 128.4 135.3 175.3#



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: 57.752 ng

RT: 15.31 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Tgt Ion:165 Resp: 135430

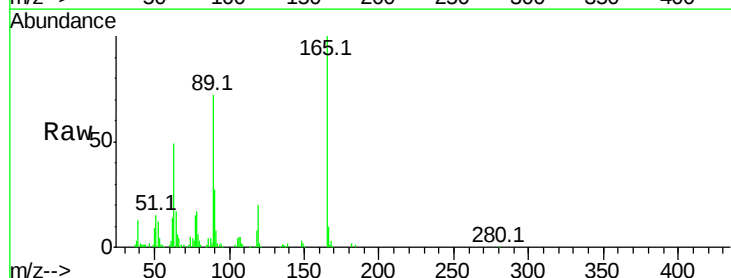
Ion Ratio Lower Upper

165 100

63 48.5 44.0 66.0

89 72.2 67.3 100.9

182 2.4 3.8 5.6#

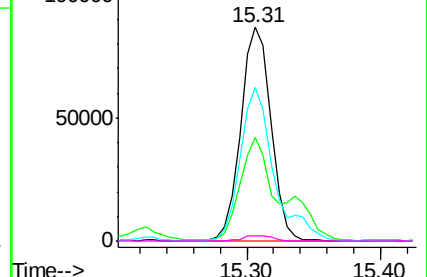
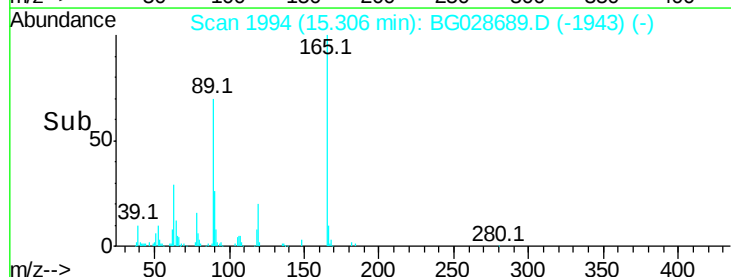


Abundance Ion 165.00 (164.70 to 165.70): E

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: 54.010 ng

RT: 15.99 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

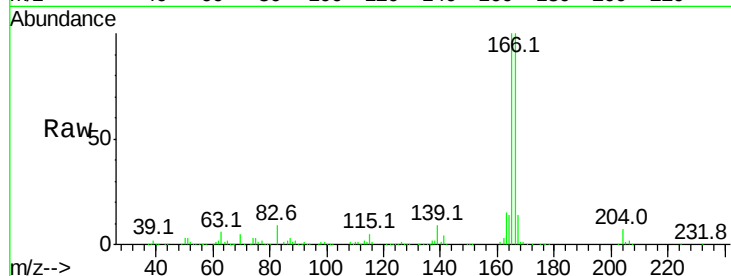
Tot Ion:166 Resp: 402817

Ion Ratio Lower Upper

166 100

165 100.0 78.6 117.8

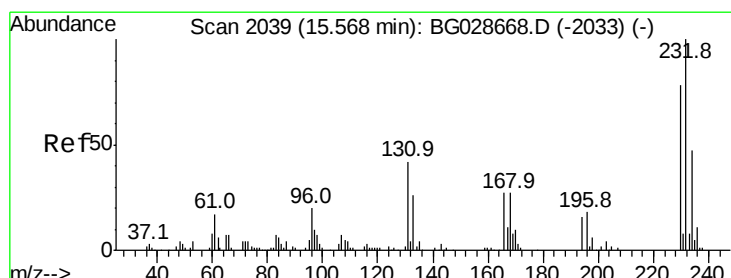
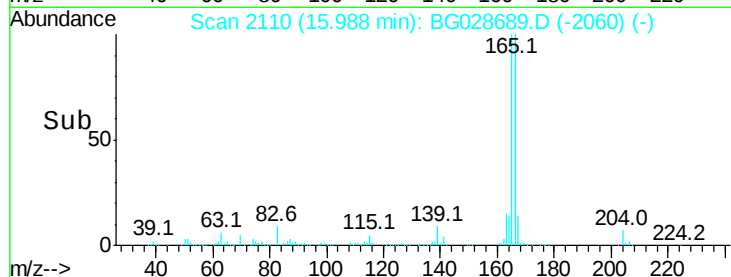
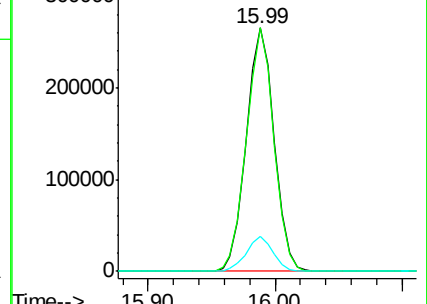
167 14.1 11.6 17.4



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: 58.159 ng

RT: 15.56 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Tgt Ion:232 Resp: 120139

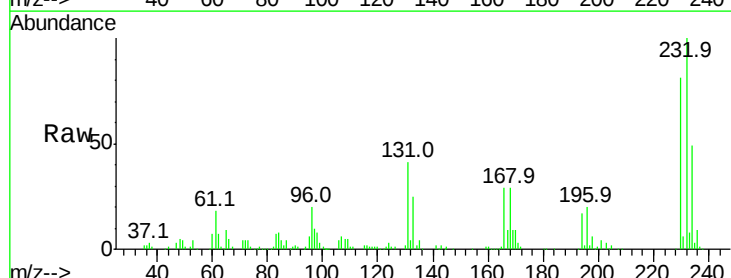
Ion Ratio Lower Upper

232 100

131 39.6 34.9 52.3

130 2.1 2.3 3.5#

166 28.1 24.2 36.4

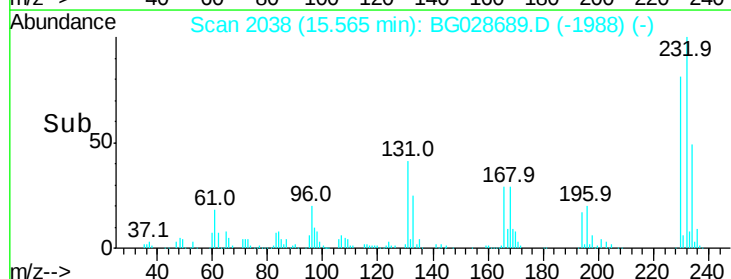
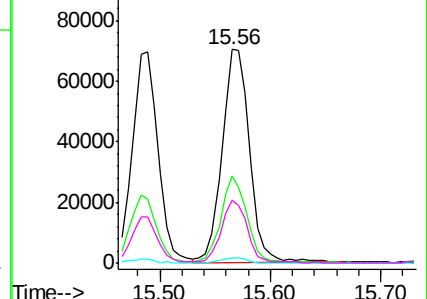


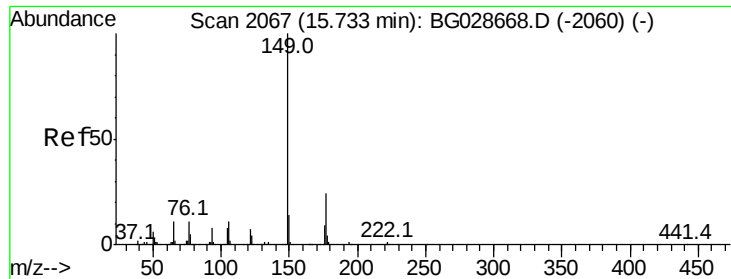
Abundance Ion 232.00 (231.70 to 232.70): E

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: 54.807 ng

RT: 15.74 min Scan# 2067

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

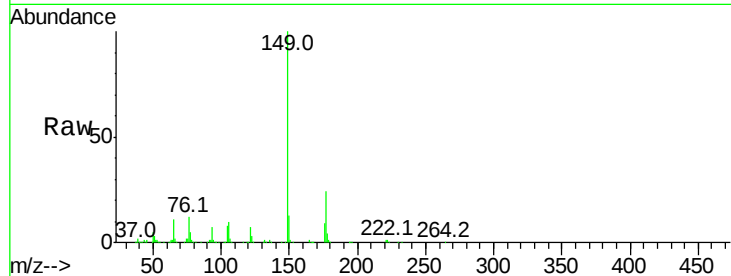
Tot Ion:149 Resp: 422149

Ion Ratio Lower Upper

149 100

177 23.7 20.1 30.1

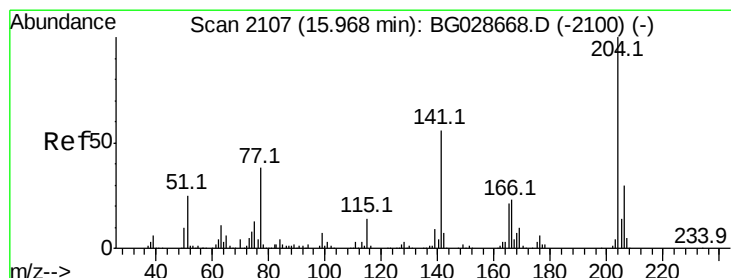
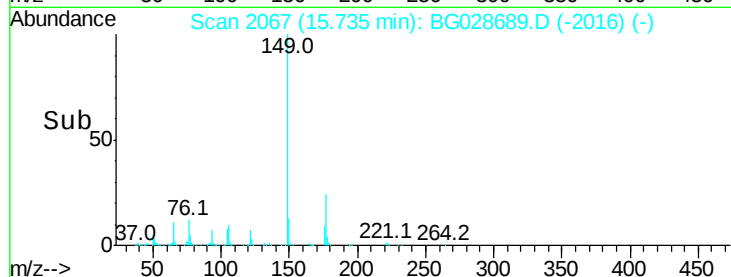
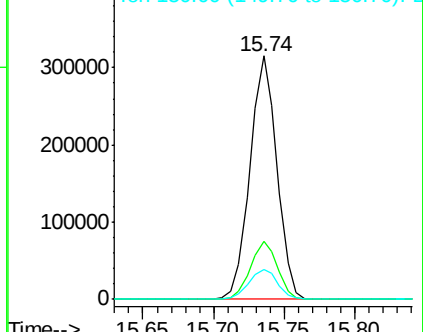
150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 52.314 ng

RT: 15.97 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

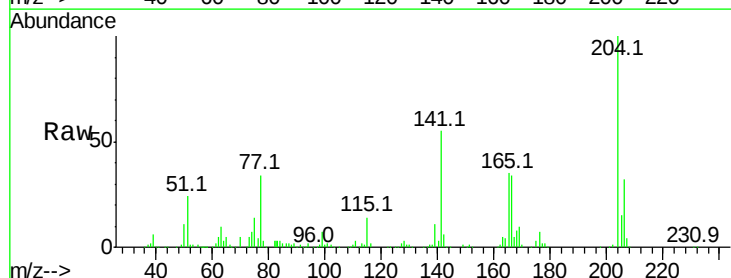
Tgt Ion:204 Resp: 222171

Ion Ratio Lower Upper

204 100

206 32.1 30.1 45.1

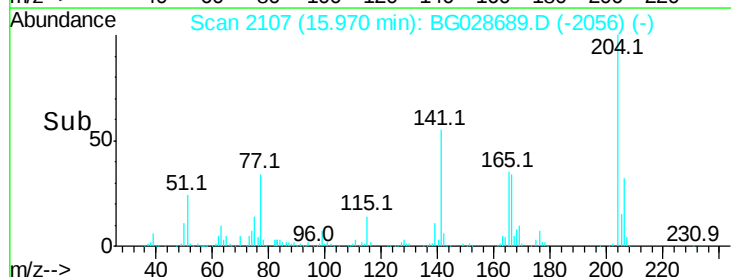
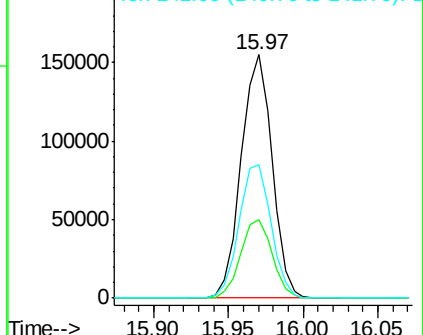
141 55.1 50.6 76.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 53.692 ng

RT: 16.02 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

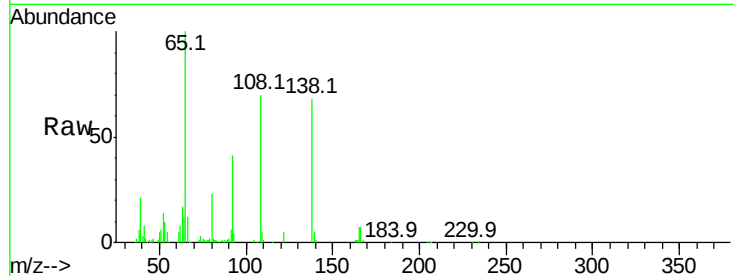
Tot Ion:138 Resp: 83892

Ion Ratio Lower Upper

138 100

92 59.2 44.2 84.2

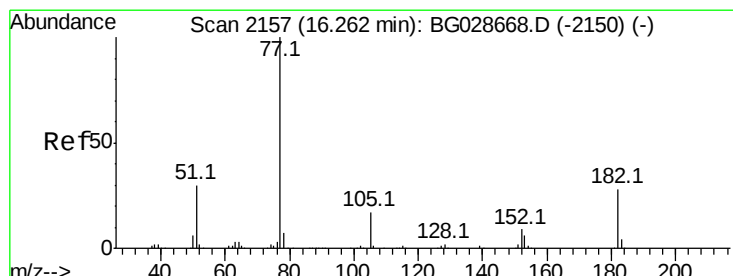
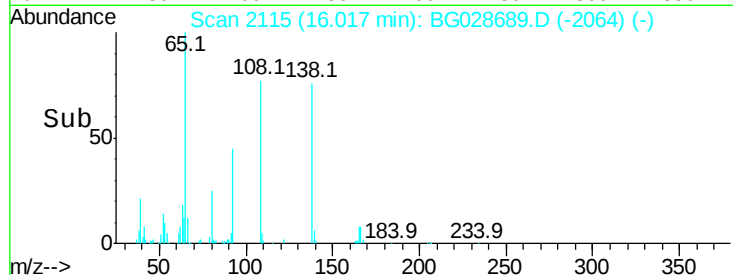
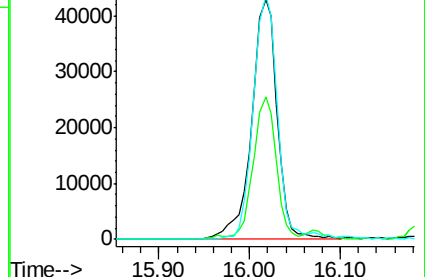
108 101.6 104.8 144.8#



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: 59.520 ng

RT: 16.26 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Tgt Ion: 77 Resp: 385571

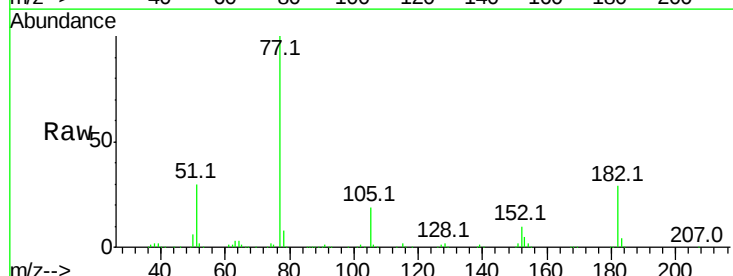
Ion Ratio Lower Upper

77 100

182 29.0 4.7 44.7

105 19.4 0.0 36.3

51 30.4 16.4 56.4

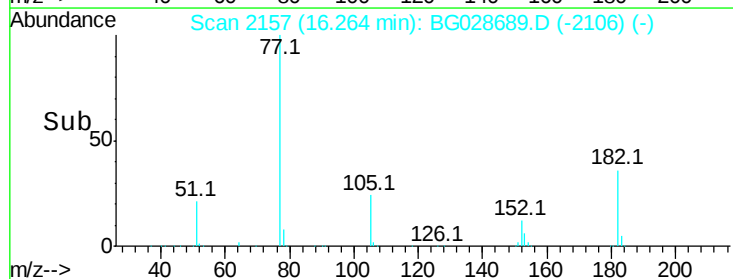
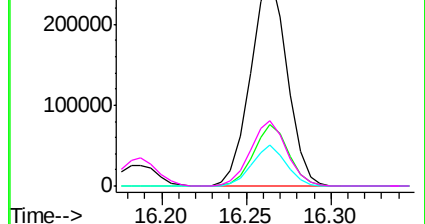


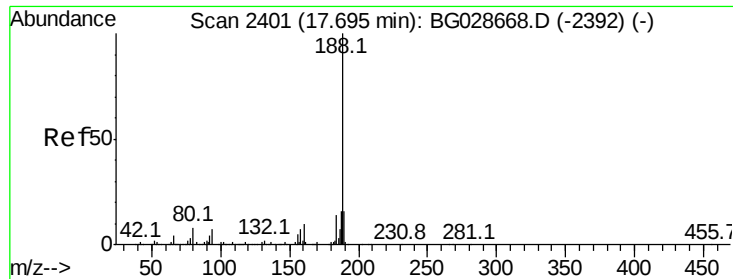
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.000 ng

RT: 17.70 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

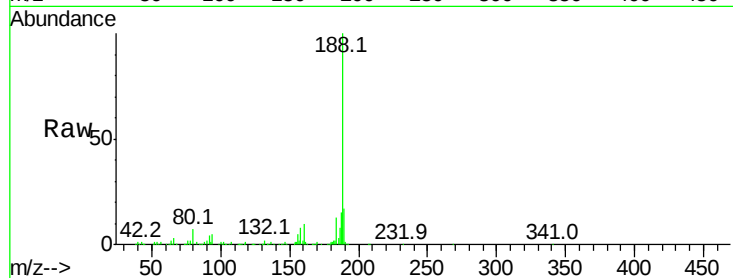
Tot Ion:188 Resp: 244593

Ion Ratio Lower Upper

188 100

94 5.5 5.8 8.8#

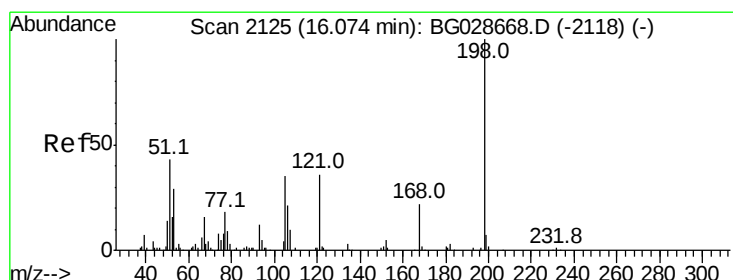
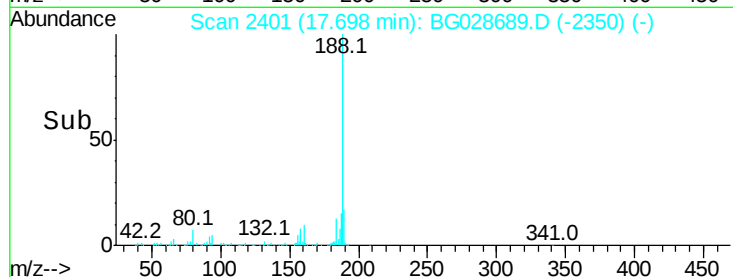
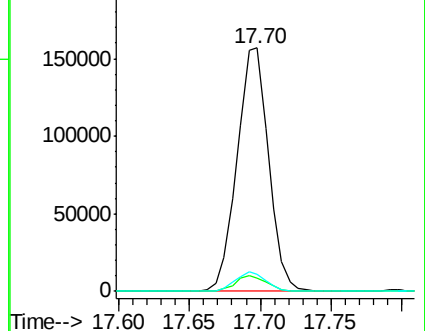
80 7.1 7.5 11.3#



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: 47.410 ng

RT: 16.08 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

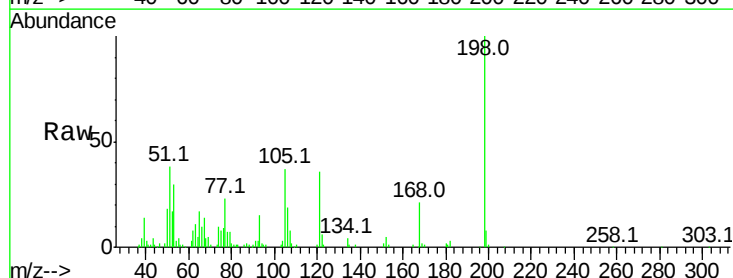
Tgt Ion:198 Resp: 74826

Ion Ratio Lower Upper

198 100

51 38.4 22.6 62.6

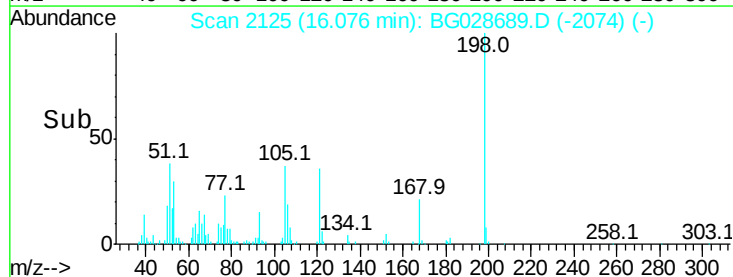
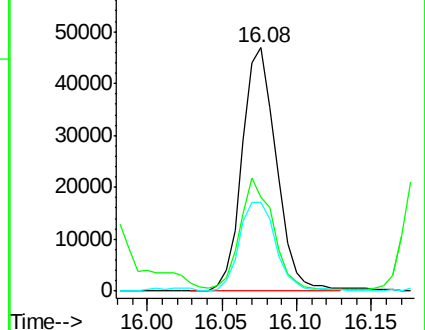
105 36.7 14.4 54.4

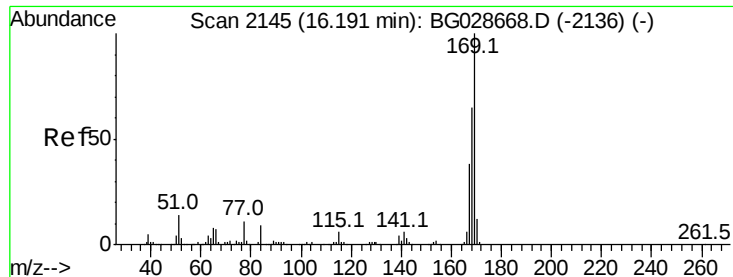


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

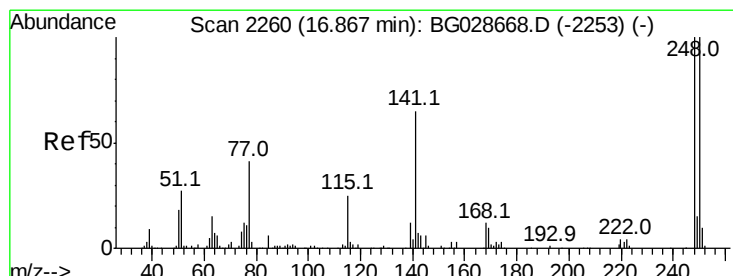
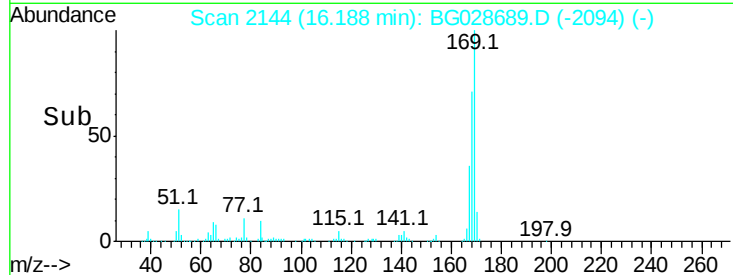
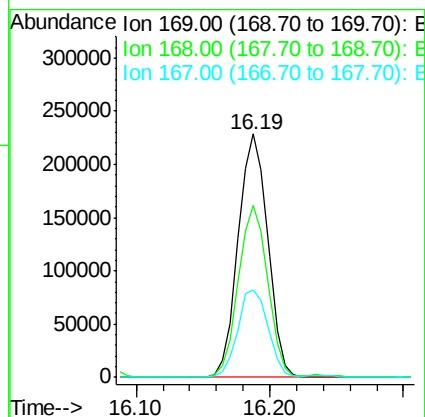
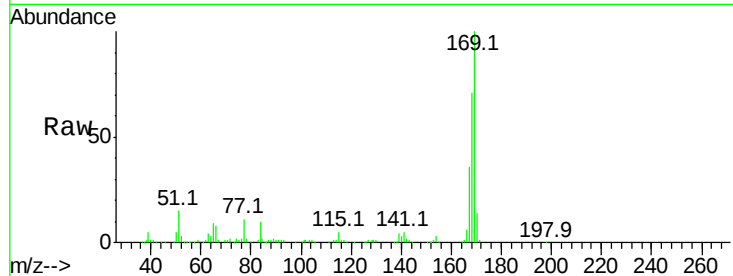




#65
n-Nitrosodiphenylamine
Concen: 50.112 ng
RT: 16.19 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

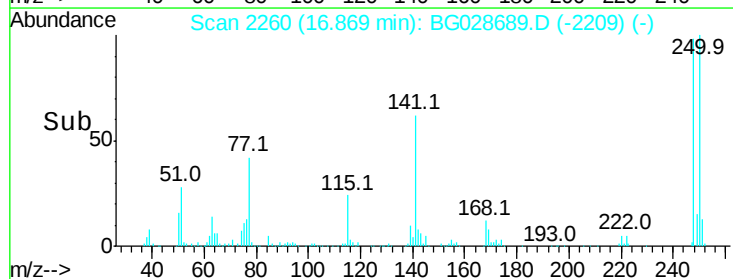
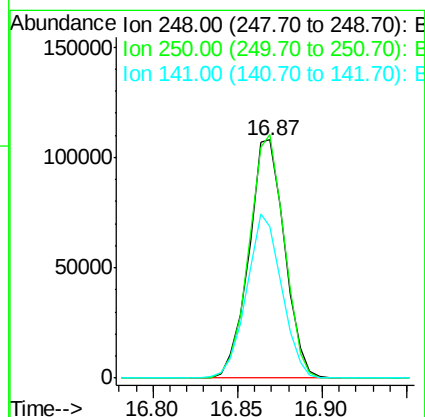
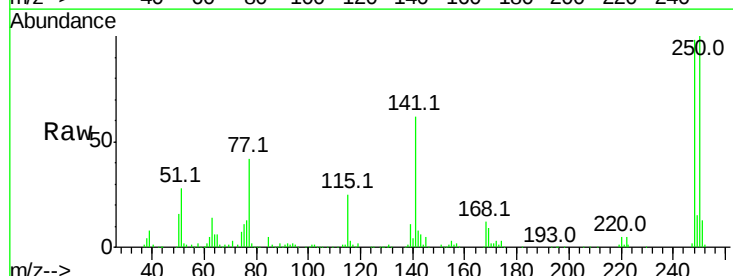
Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

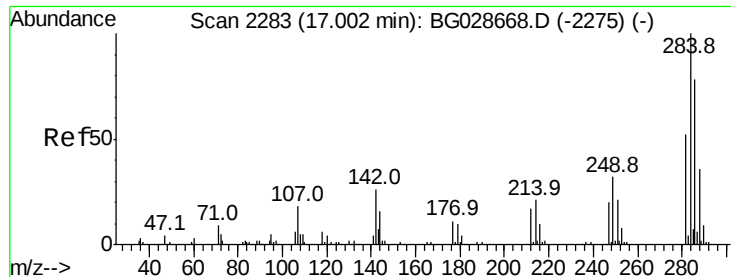
Tot Ion:169 Resp: 351366
Ion Ratio Lower Upper
169 100
168 70.5 55.7 83.5
167 36.2 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 50.675 ng
RT: 16.87 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Tgt Ion:248 Resp: 159486
Ion Ratio Lower Upper
248 100
250 102.1 75.0 112.6
141 63.6 55.2 82.8

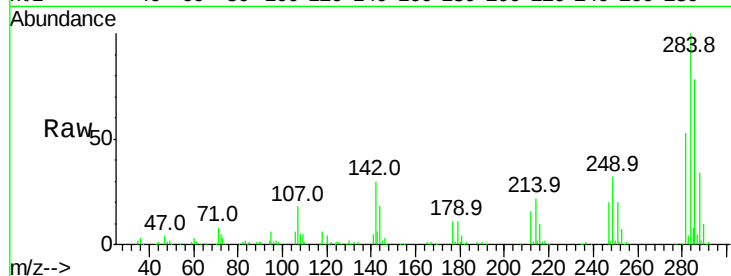




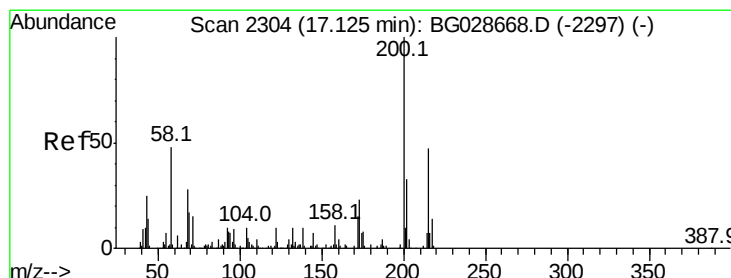
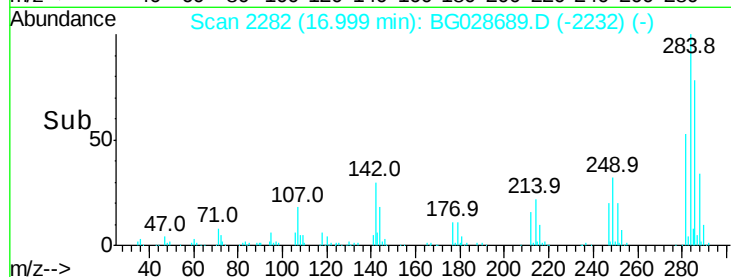
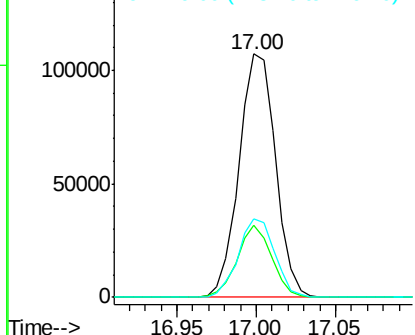
#67
Hexachlorobenzene
Concen: 47.719 ng
RT: 17.00 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.6	29.9	44.9#
249	32.4	29.2	43.8

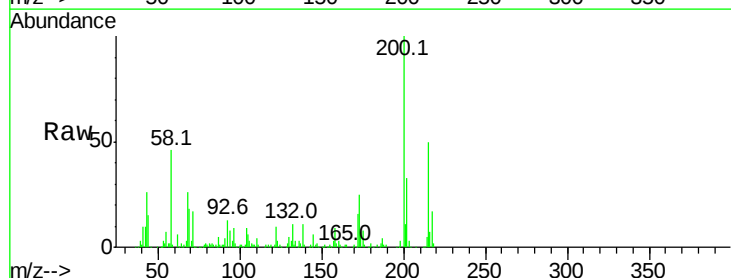


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

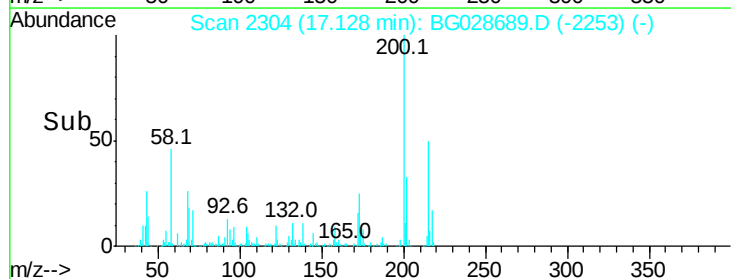
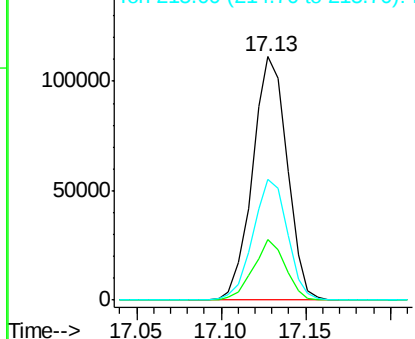


#68
Atrazine
Concen: 52.868 ng
RT: 17.13 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.8	3.0	43.0
215	49.7	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

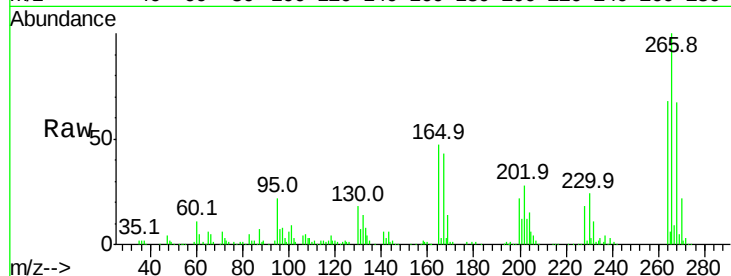




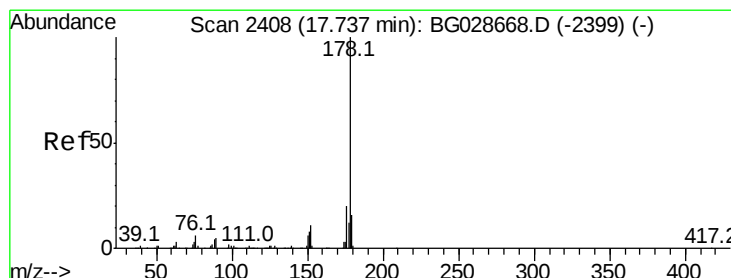
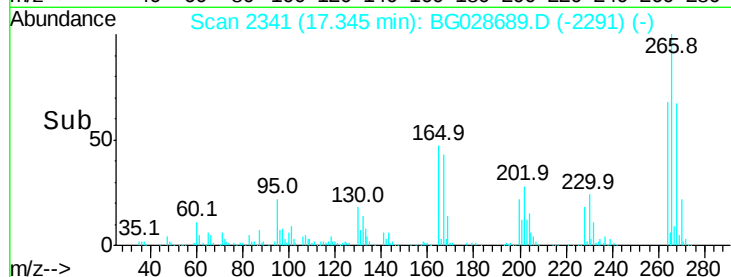
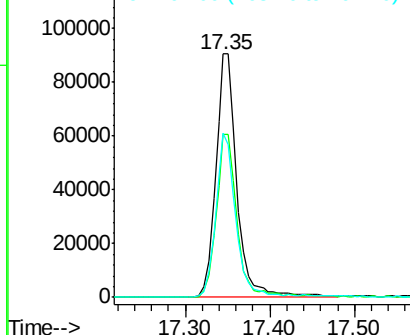
#69
 Pentachlorophenol
 Concen: 98.386 ng
 RT: 17.35 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG028689.D
 Acq: 13 Sep 2017 3:44

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-03-090817MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.8	48.6	72.8
264	67.7	50.1	75.1

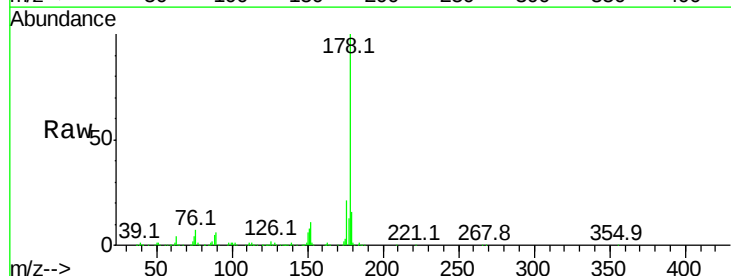


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

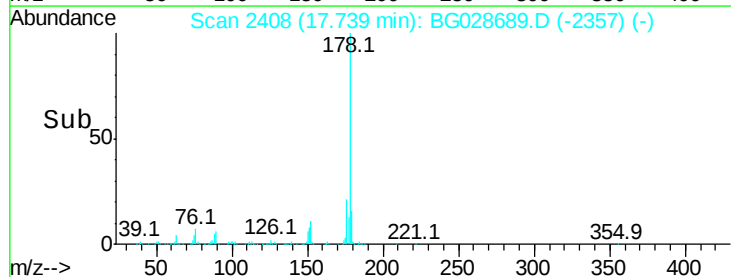
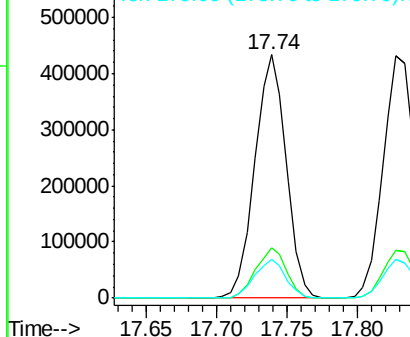


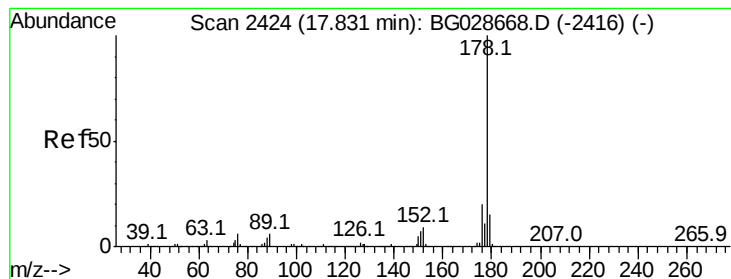
#70
 Phenanthrene
 Concen: 54.054 ng
 RT: 17.74 min Scan# 2408
 Delta R.T. 0.00 min
 Lab File: BG028689.D
 Acq: 13 Sep 2017 3:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	17.7	26.5
179	16.1	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: 54.206 ng

RT: 17.83 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

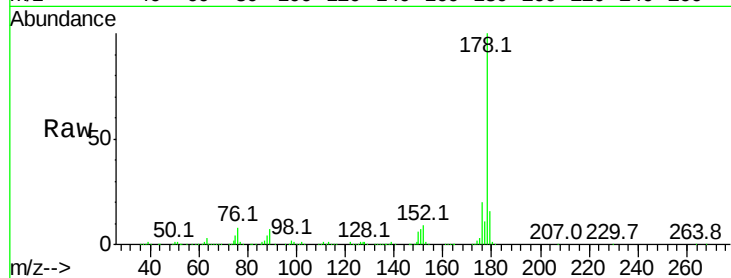
Tot Ion:178 Resp: 684905

Ion Ratio Lower Upper

178 100

176 19.6 16.4 24.6

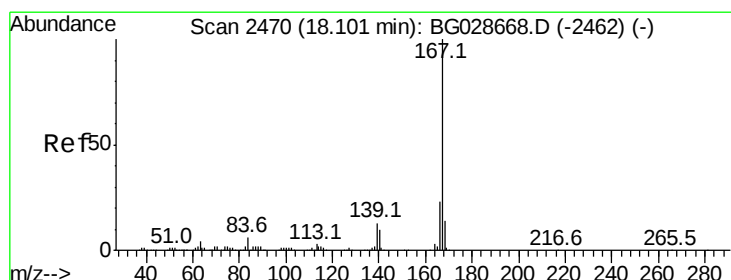
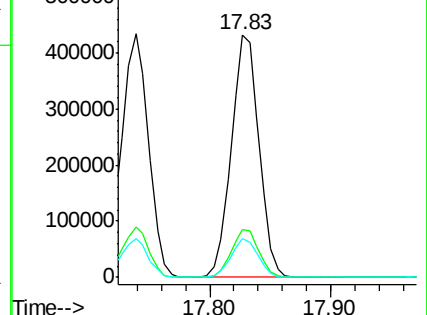
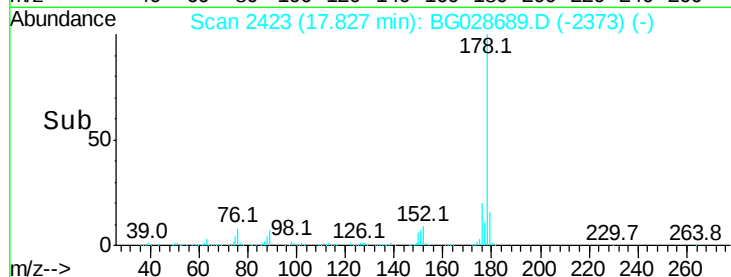
179 16.1 13.8 20.8



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



#72

Carbazole

Concen: 53.100 ng

RT: 18.10 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

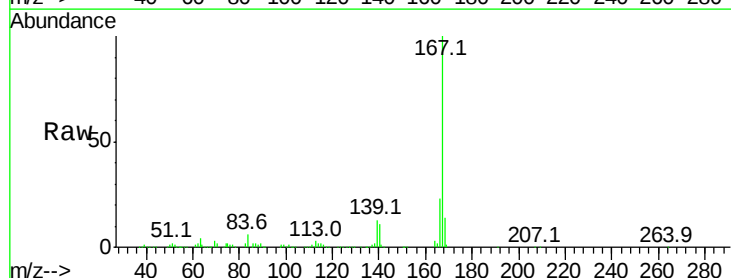
Tgt Ion:167 Resp: 604263

Ion Ratio Lower Upper

167 100

166 23.5 20.2 30.2

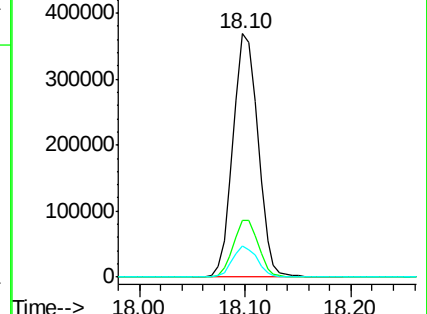
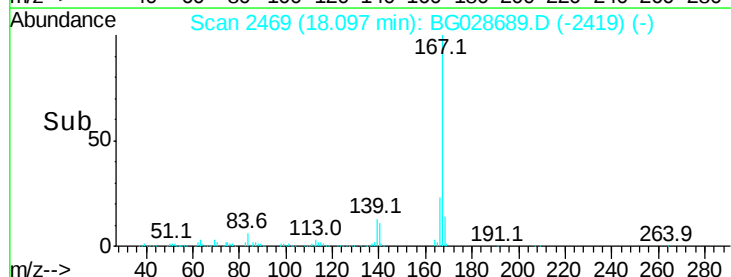
139 12.9 12.8 19.2

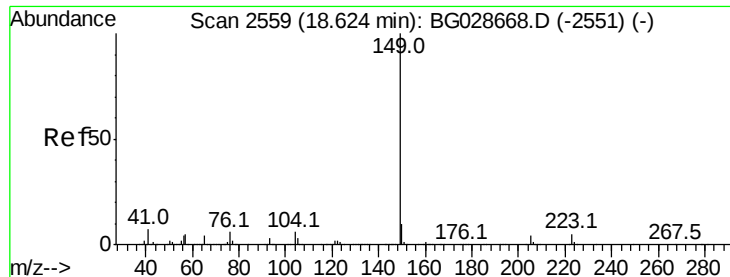


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

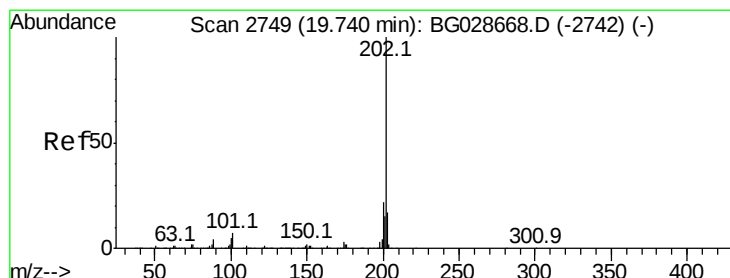
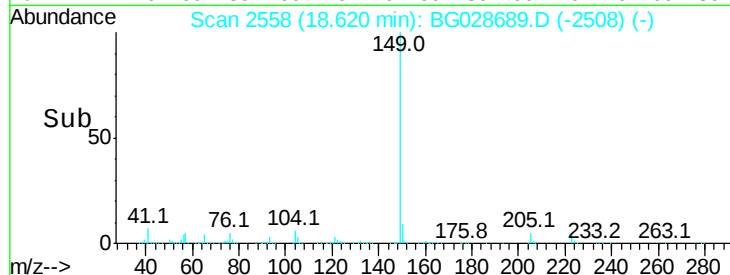
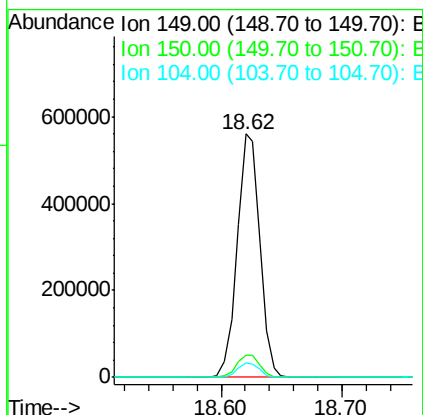
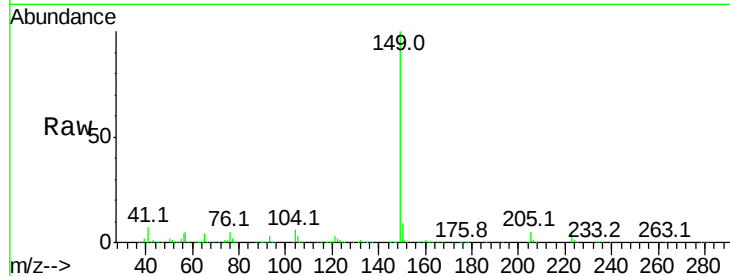




#73
Di-n-butylphthalate
Concen: 52.292 ng
RT: 18.62 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

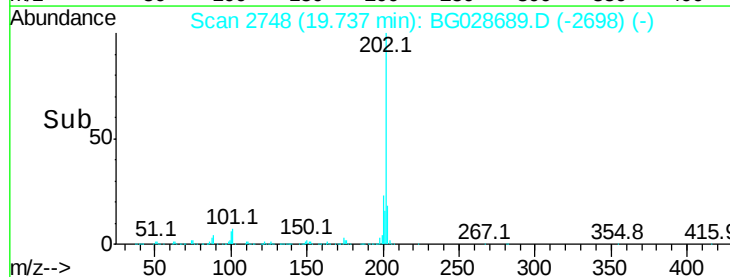
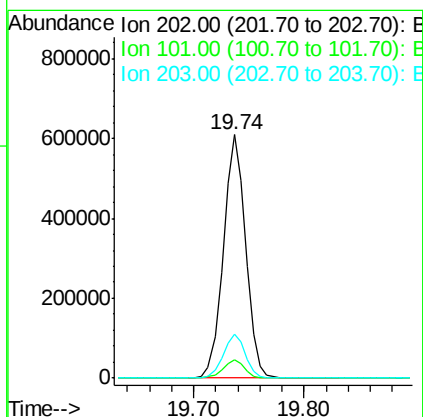
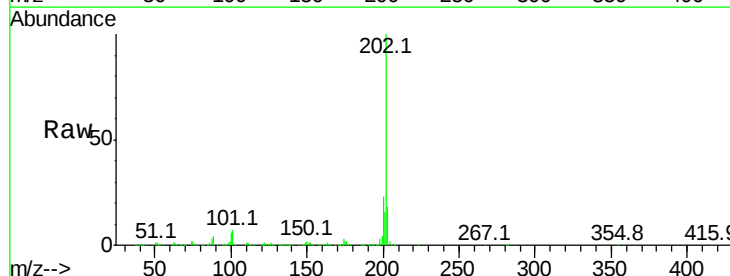
Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

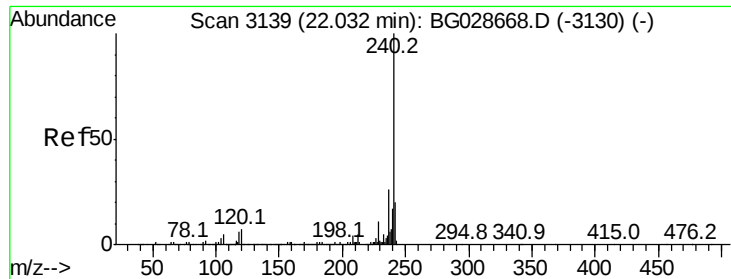
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	9.1	13.7
104	5.9	6.7	10.1#



#74
Fluoranthene
Concen: 55.936 ng
RT: 19.74 min Scan# 2748
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	30.1
203	17.9	1.3	41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

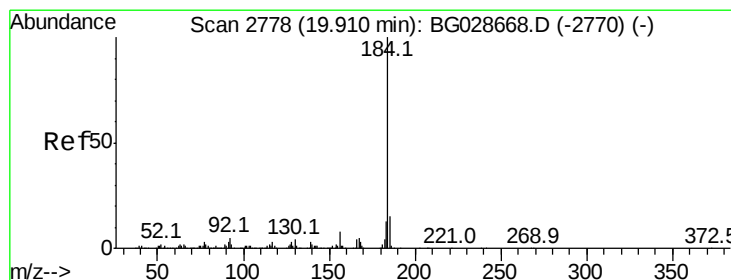
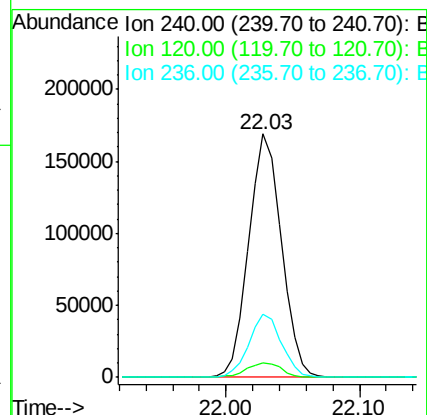
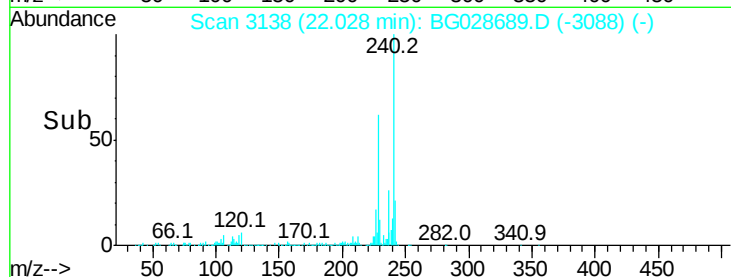
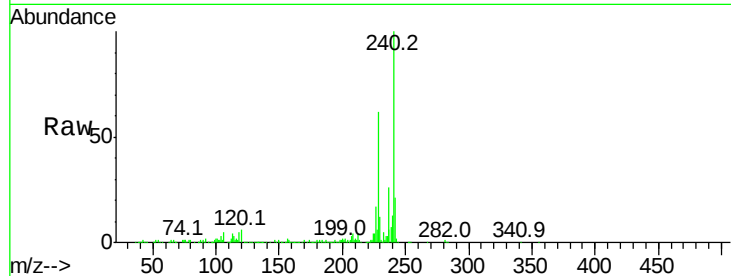
Tot Ion:240 Resp: 286031

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

236 25.9 22.2 33.4



#76

Benzidine

Concen: 20.855 ng

RT: 19.91 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

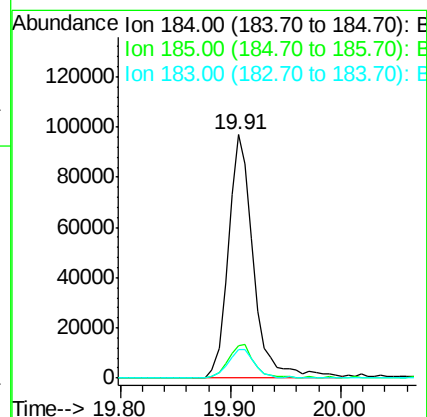
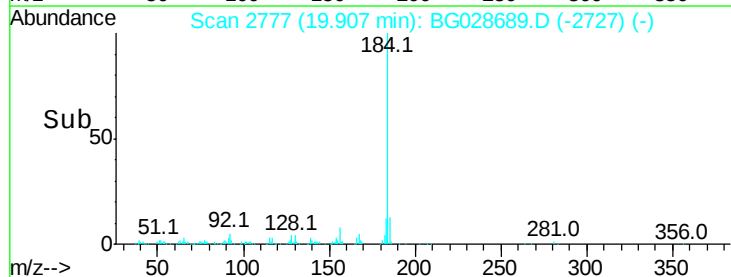
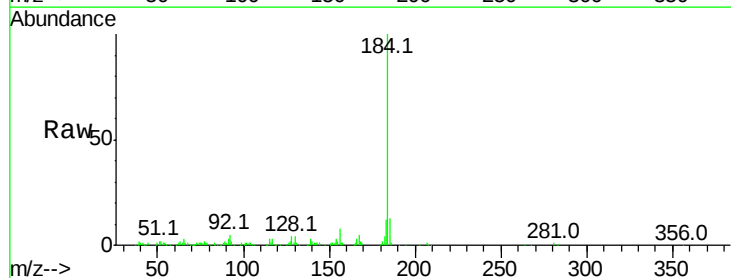
Tgt Ion:184 Resp: 154689

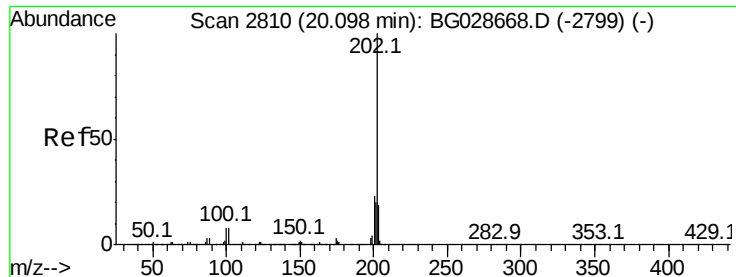
Ion Ratio Lower Upper

184 100

185 13.1 13.0 19.6

183 11.6 11.0 16.6

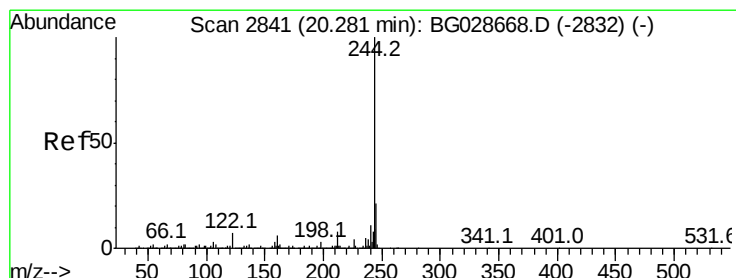
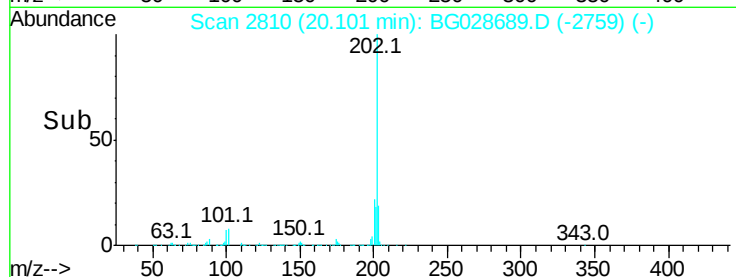
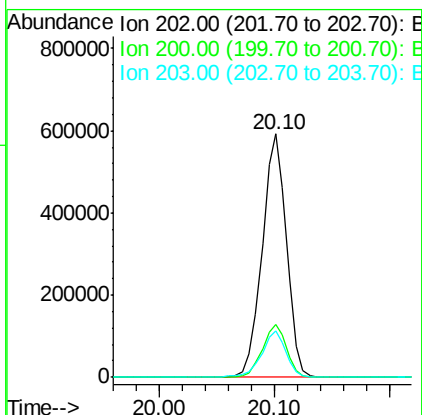
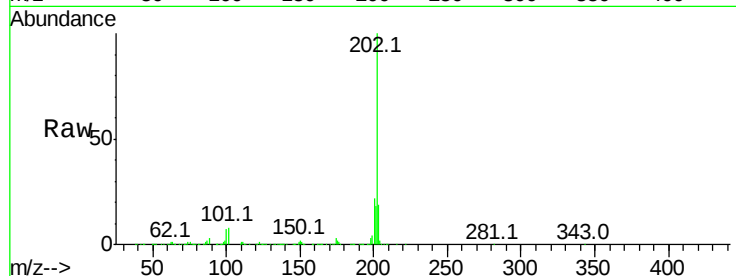




#77
Pvrene
Concen: 52.727 ng
RT: 20.10 min Scan# 2810
Delta R.T. 0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

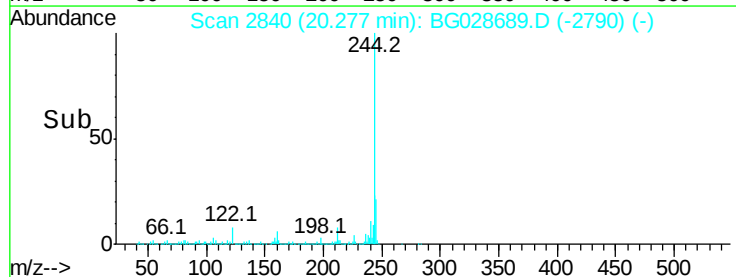
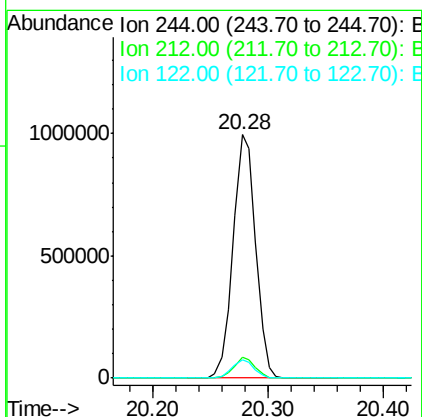
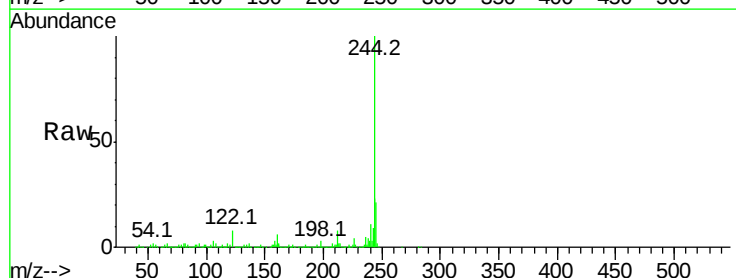
Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

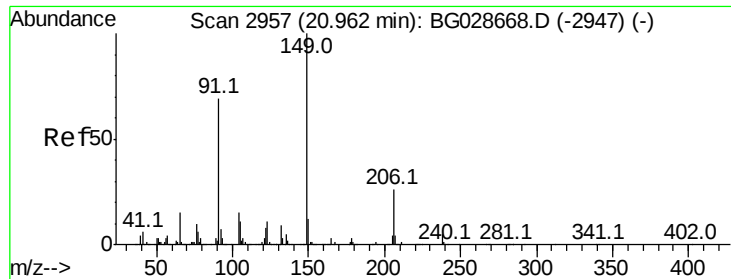
Tot Ion:	202	Resp:	869903
Ion	Ratio	Lower	Upper
202	100		
200	21.7	19.6	29.4
203	18.8	15.8	23.8



#78
Terphenyl-d14
Concen: 100.050 ng
RT: 20.28 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Tgt Ion:	244	Resp:	1341929
Ion	Ratio	Lower	Upper
244	100		
212	8.4	10.0	15.0#
122	7.5	8.6	12.8#

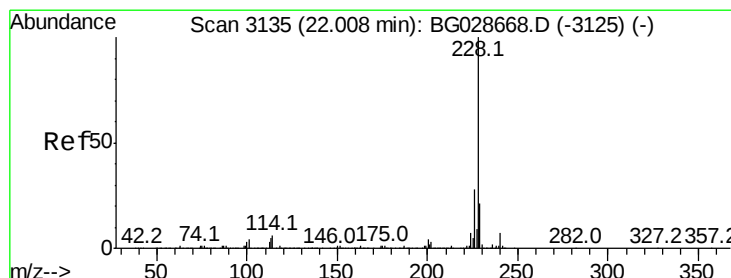
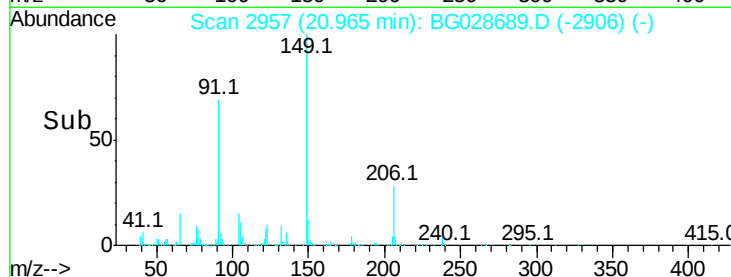
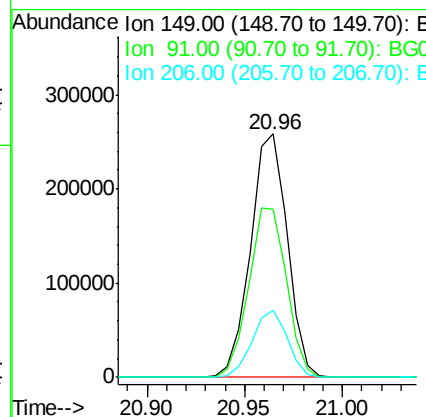
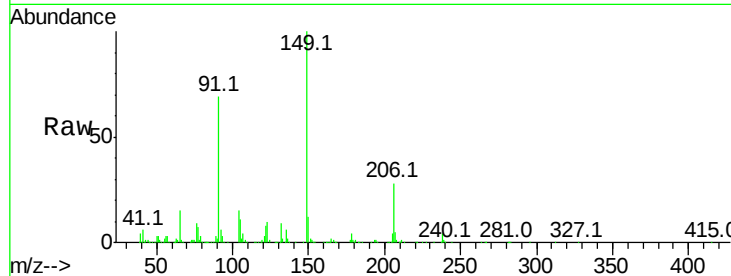




#79
Butylbenzylphthalate
Concen: 50.549 ng
RT: 20.96 min Scan# 2957
Delta R.T. 0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

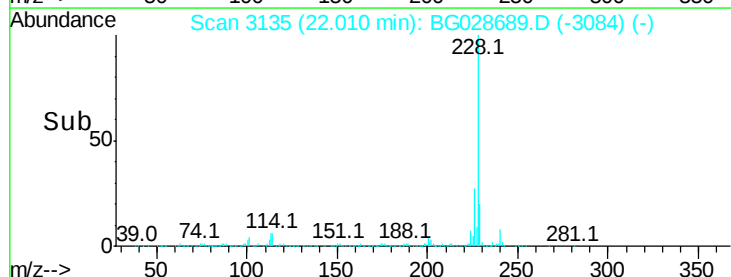
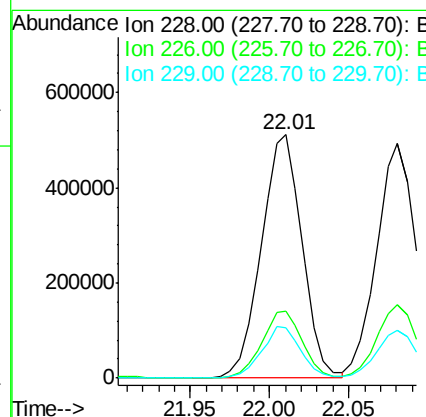
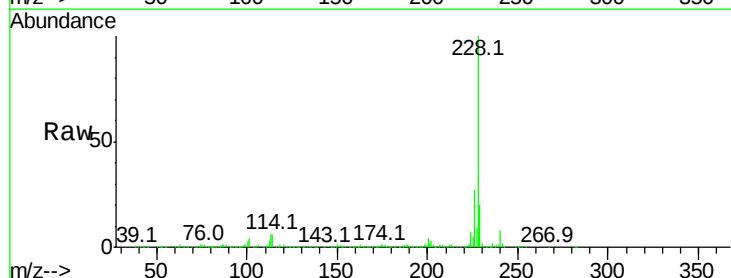
Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

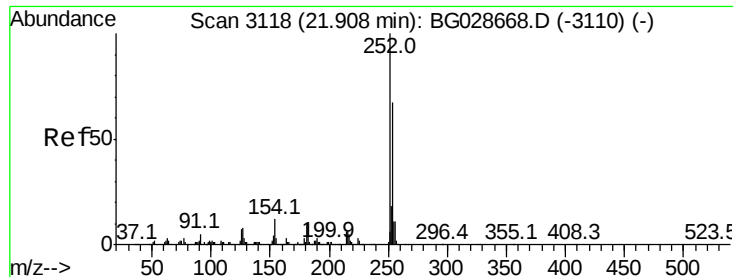
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.9	63.5	95.3
206	27.6	21.0	31.6



#80
Benzo(a)anthracene
Concen: 52.988 ng
RT: 22.01 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG028689.D
Acq: 13 Sep 2017 3:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.9	37.3
229	20.5	18.2	27.2





#81

3,3'-Dichlorobenzidine

Concen: 40.080 ng

RT: 21.91 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

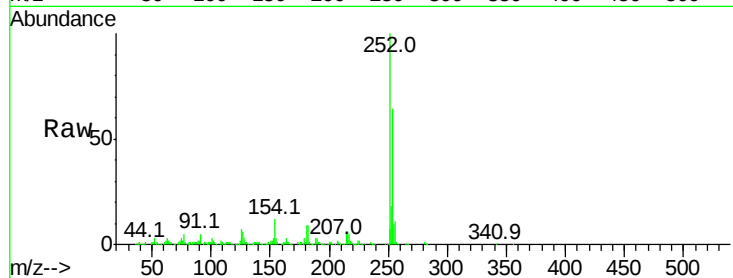
Tot Ion:252 Resp: 279776

Ion Ratio Lower Upper

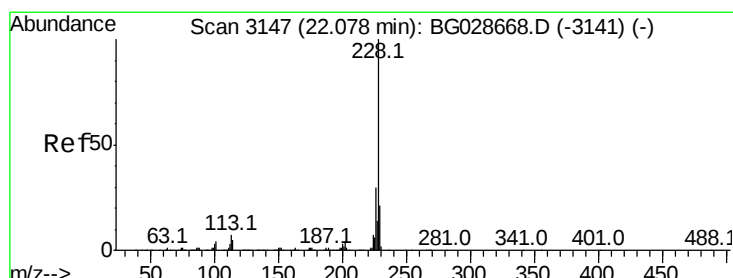
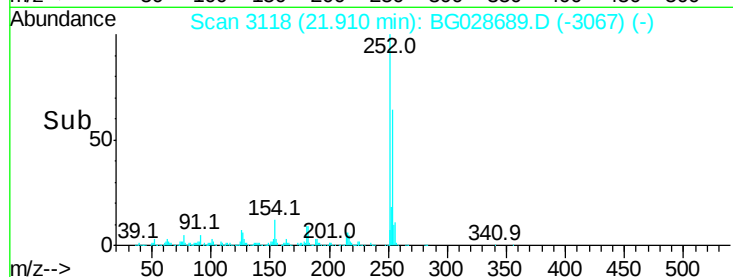
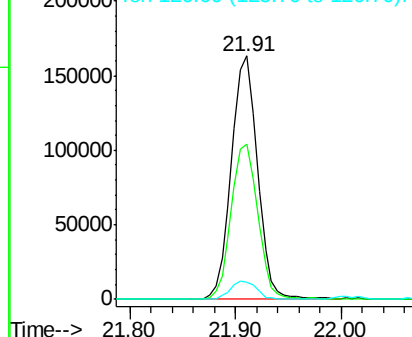
252 100

254 63.6 53.1 79.7

126 6.8 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: 51.905 ng

RT: 22.08 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

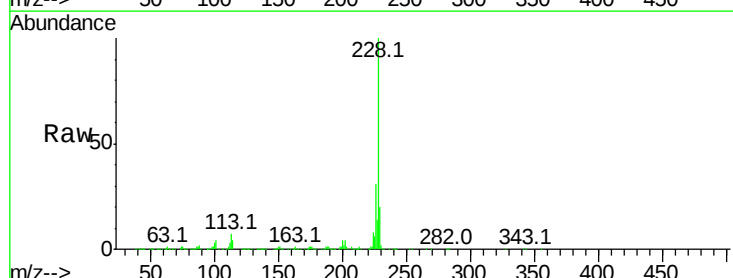
Tgt Ion:228 Resp: 847926

Ion Ratio Lower Upper

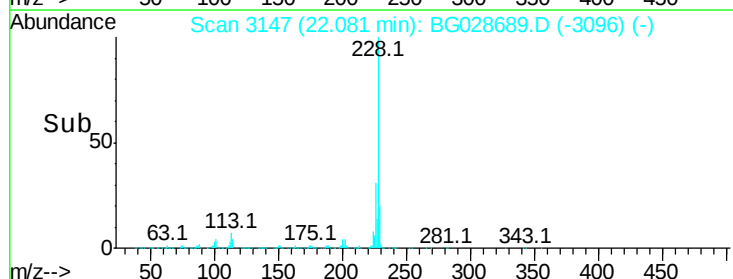
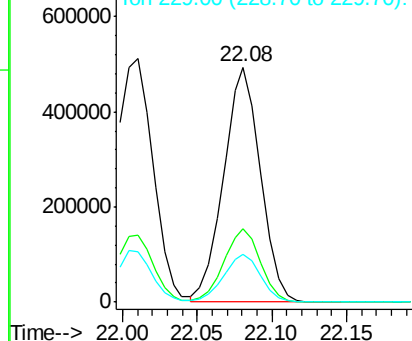
228 100

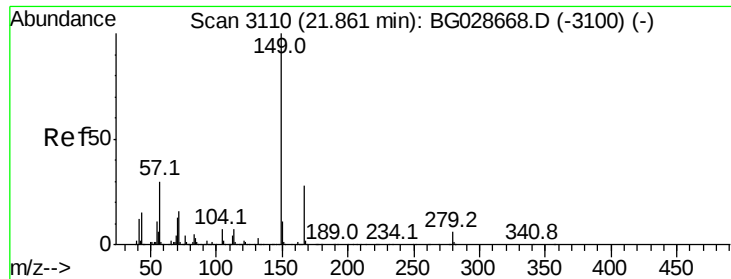
226 31.0 27.0 40.4

229 20.4 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

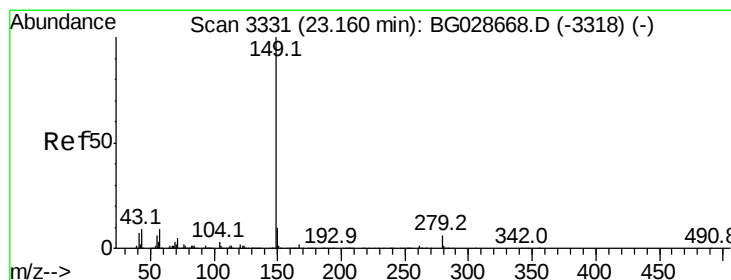
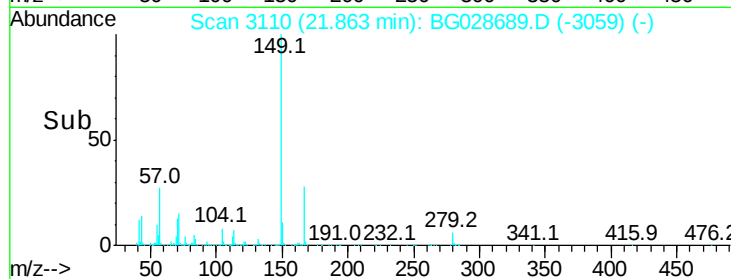
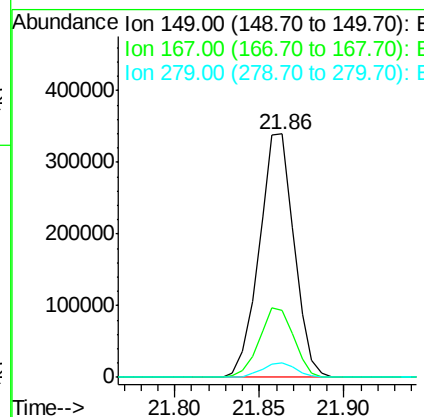
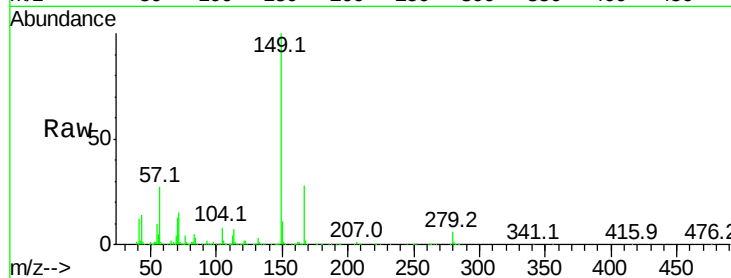




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.299 ng
 RT: 21.86 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BG028689.D
 Acq: 13 Sep 2017 3:44

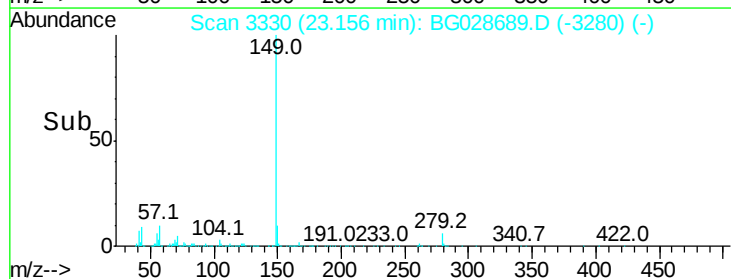
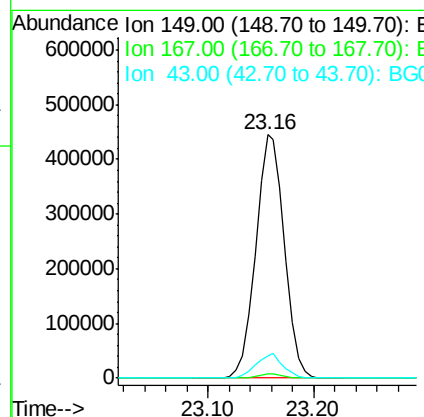
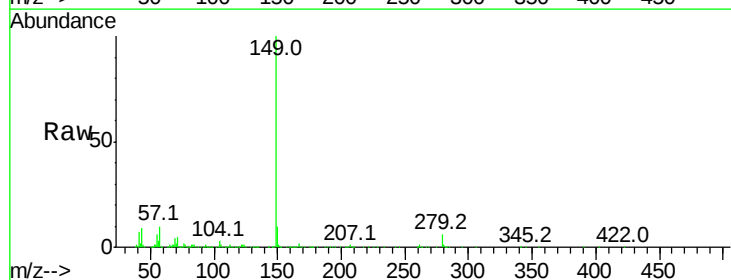
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-03-090817MSD

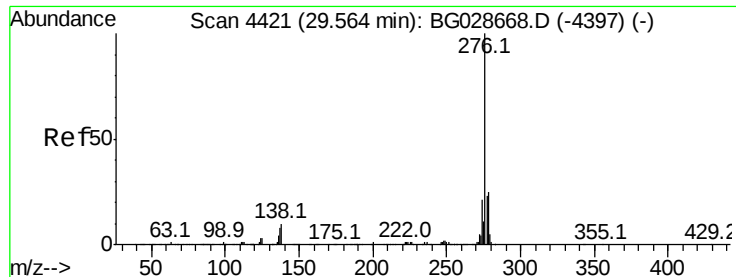
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.7	35.5
279	6.2	4.6	6.8



#84
 Di-n-octyl phthalate
 Concen: 50.349 ng
 RT: 23.16 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: BG028689.D
 Acq: 13 Sep 2017 3:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.4	11.8	17.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.160 ng

RT: 29.57 min Scan# 4421

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

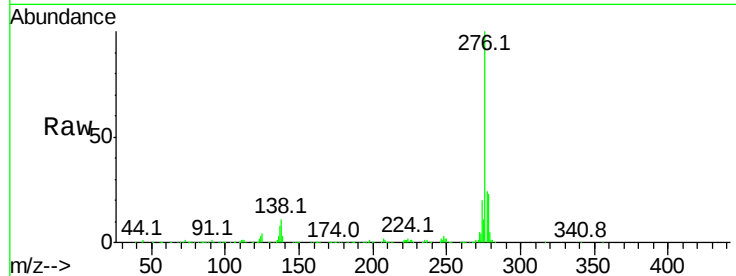
Tot Ion:276 Resp: 1094825

Ion Ratio Lower Upper

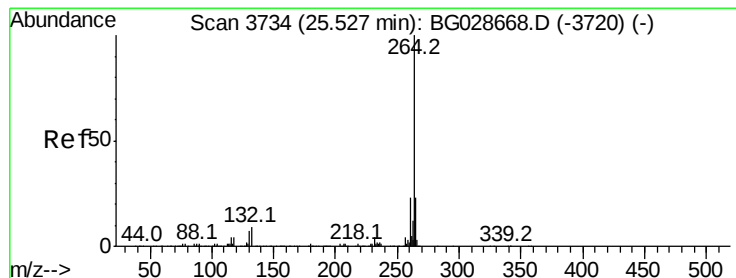
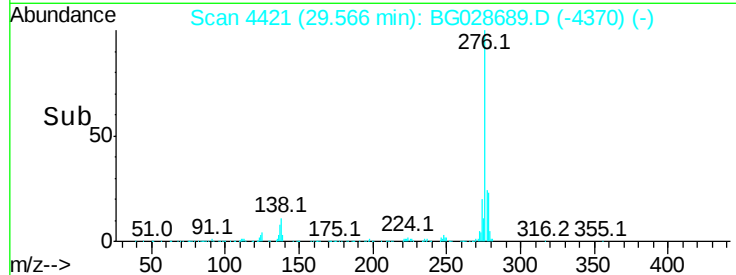
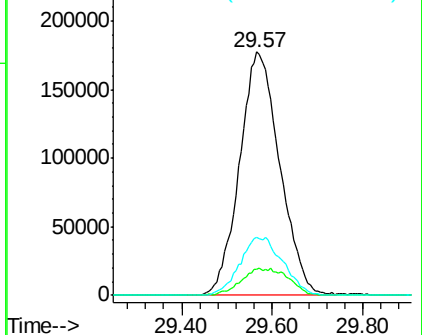
276 100

138 7.3 4.7 7.1#

277 25.5 20.6 31.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.53 min Scan# 3734

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

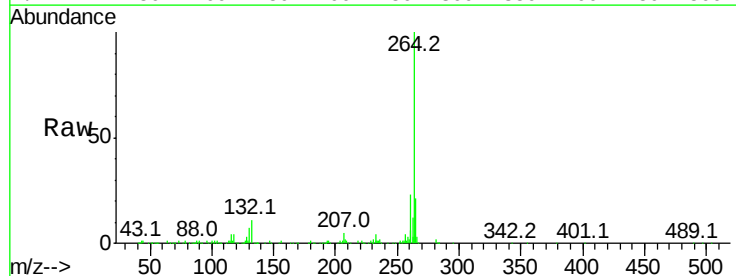
Tgt Ion:264 Resp: 284989

Ion Ratio Lower Upper

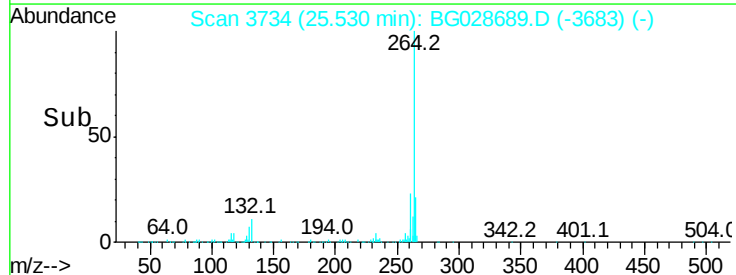
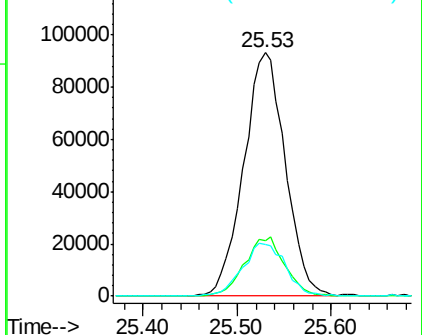
264 100

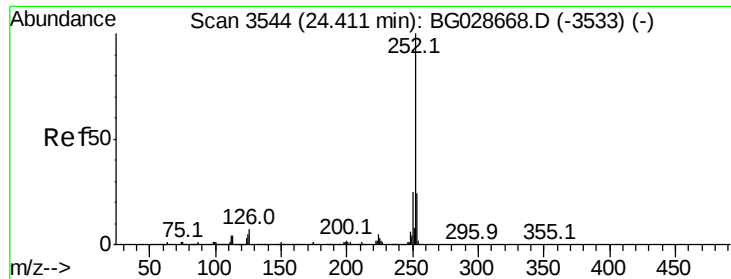
260 22.9 21.8 32.8

265 21.4 18.2 27.4



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





#87

Benzo(b)fluoranthene

Concen: 54.411 ng

RT: 24.41 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

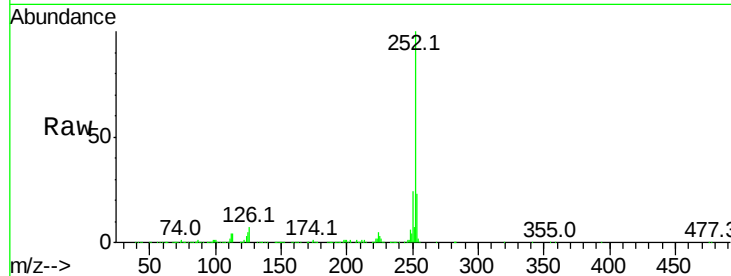
Tot Ion:252 Resp: 929037

Ion Ratio Lower Upper

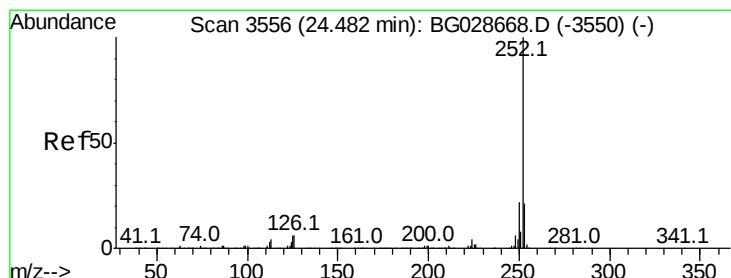
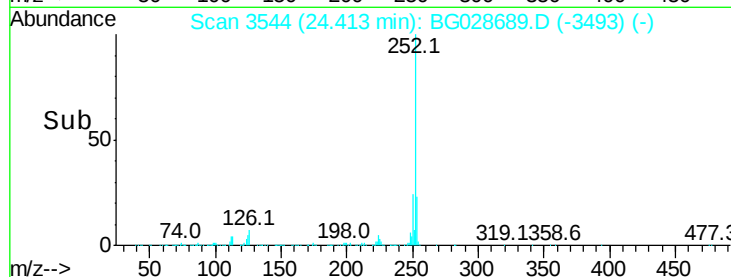
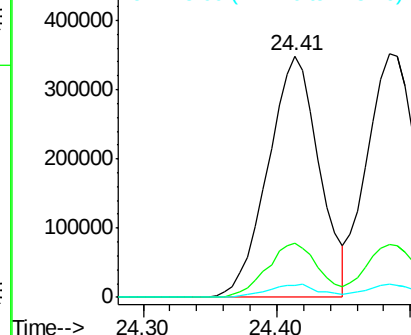
252 100

253 22.6 18.7 28.1

125 5.2 5.3 7.9#



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



#88

Benzo(k)fluoranthene

Concen: 53.269 ng

RT: 24.48 min Scan# 3556

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

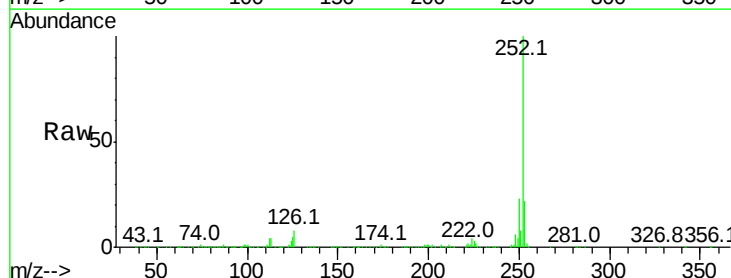
Tgt Ion:252 Resp: 908512

Ion Ratio Lower Upper

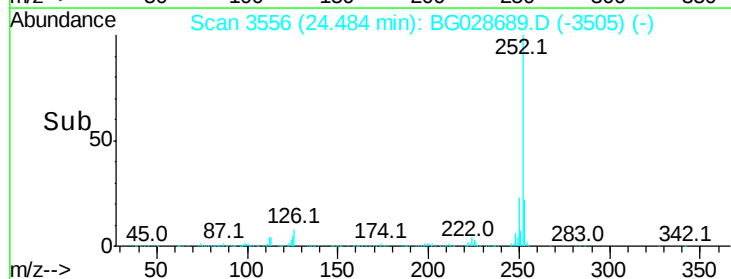
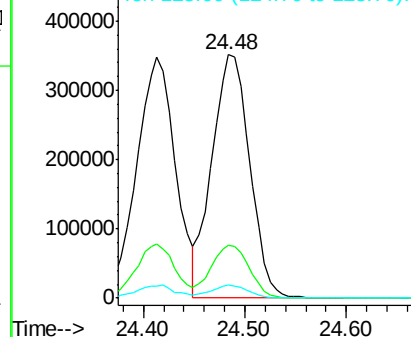
252 100

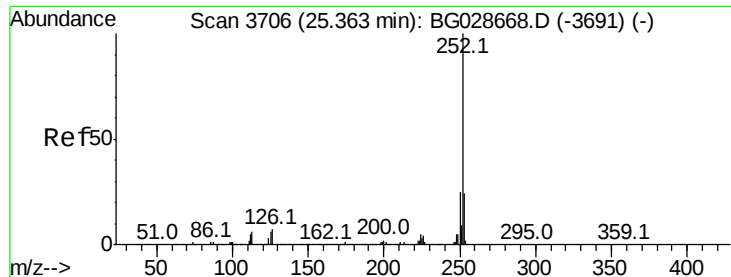
253 21.8 20.2 30.2

125 5.3 5.1 7.7



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





#89

Benzo(a)pyrene

Concen: 55.204 ng

RT: 25.37 min Scan# 3707

Delta R.T. 0.01 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

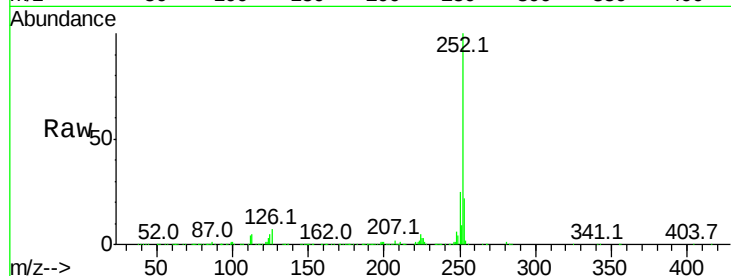
BNA_G

ClientSampleId :

PR-MW-03-090817MSD

Tot Ion:252 Resp: 894679

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	5.5	5.4	8.0

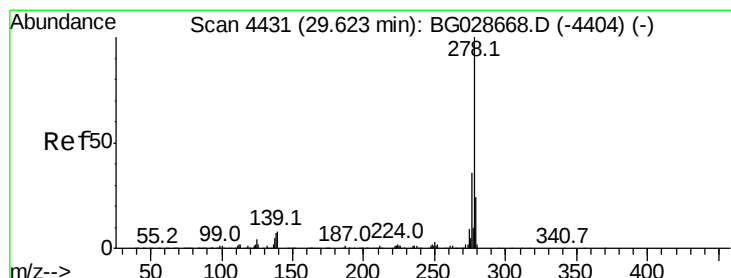
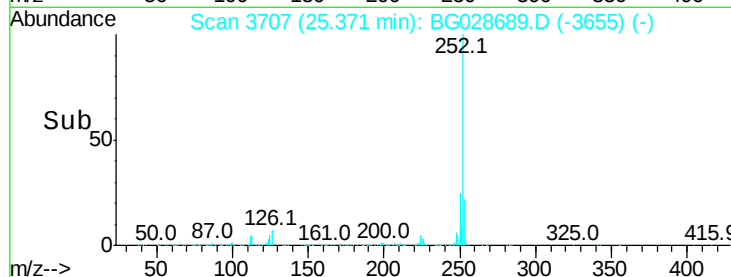
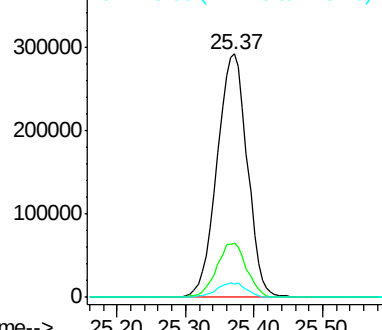


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 54.702 ng

RT: 29.62 min Scan# 4431

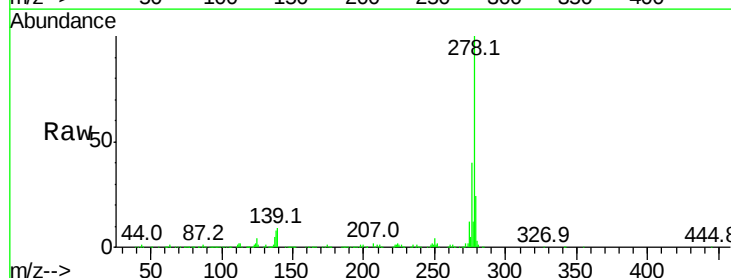
Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Tgt Ion:278 Resp: 924289

Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.7	11.5
279	24.0	19.1	28.7

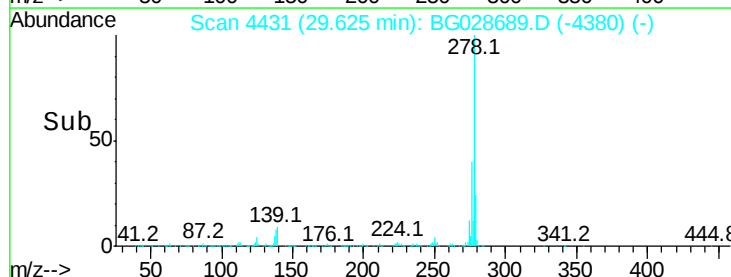
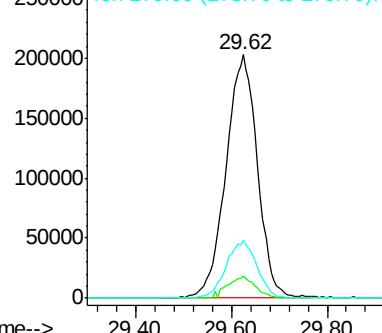


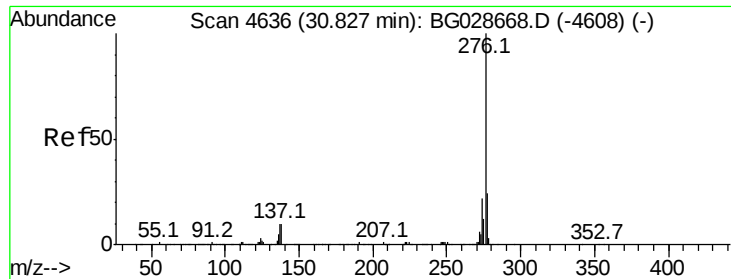
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 54.106 ng

RT: 30.83 min Scan# 4636

Delta R.T. 0.00 min

Lab File: BG028689.D

Acq: 13 Sep 2017 3:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817MSD

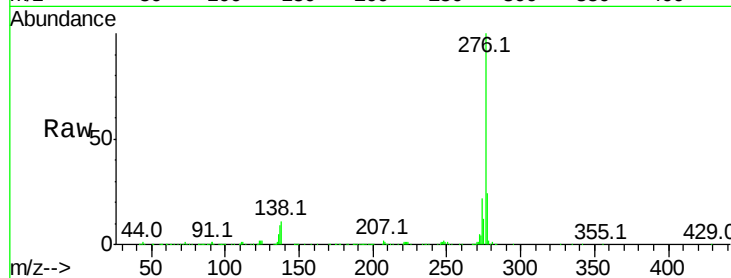
Tot Ion:276 Resp: 892024

Ion Ratio Lower Upper

276 100

277 23.8 18.6 27.8

138 10.8 8.1 12.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

