

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
 Data File : BG017508.D
 Acq On : 6 Jun 2015 21:48
 Operator : TP/IZ
 Sample : G2501-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-9-6-2-15

Quant Time: Jun 08 05:15:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 01:31:15 2015
 Response via : Initial Calibration

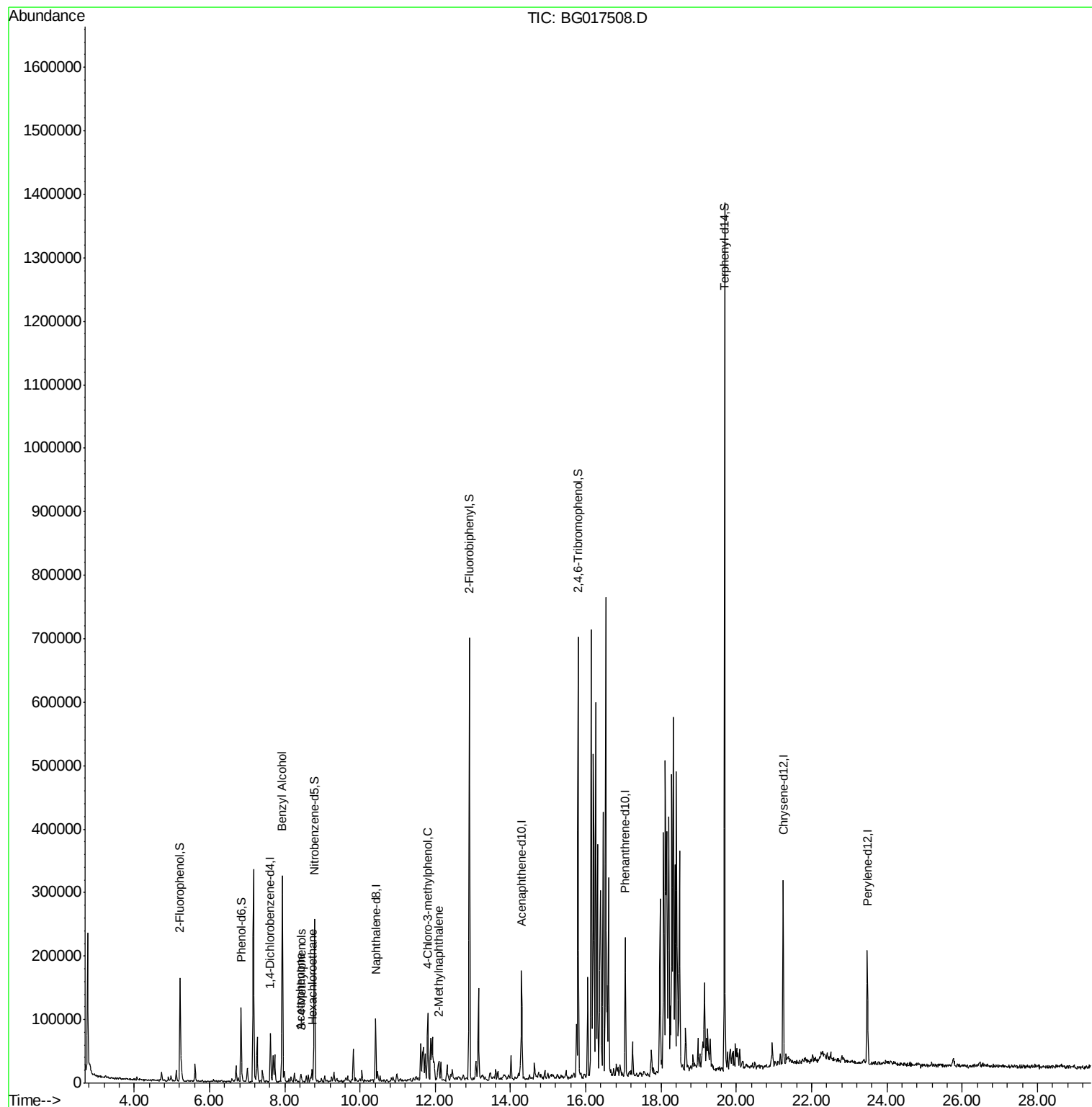
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	15707	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	66074	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	48507	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	105656	20.00	ng	0.00
75) Chrysene-d12	21.24	240	120825	20.00	ng	0.00
86) Perylene-d12	23.48	264	118633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	58796	65.95	ng	0.00
7) Phenol-d6	6.84	99	46940	38.65	ng	0.00
23) Nitrobenzene-d5	8.78	82	129136	97.56	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	89411	132.71	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	306354	95.27	ng	0.00
78) Terphenyl-d14	19.68	244	524125	89.66	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.94	79	4236	3.75	ng	# 66
18) Hexachloroethane	8.72	117	2059	4.18	ng	# 1
20) 3+4-Methylphenols	8.44	107	2838	2.17	ng	84
22) Acetophenone	8.42	105	4644	2.87	ng	# 54
36) 4-Chloro-3-methylphenol	11.80	107	23977	18.25	ng	# 22
37) 2-Methylnaphthalene	12.09	142	12696	4.78	ng	96

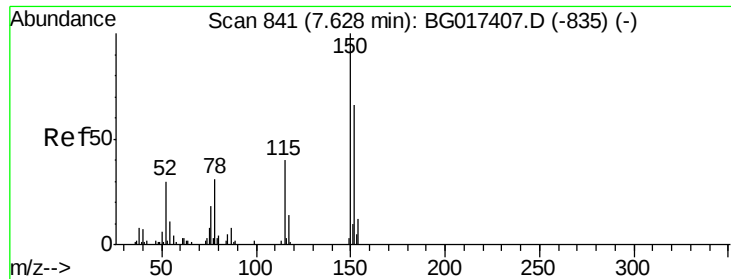
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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MW-9-6-2-15

Quant Time: Jun 08 05:15:37 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 01:31:15 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.62 min Scan# 839

Delta R.T. -0.01 min

Lab File: BG017508.D

Acq: 6 Jun 2015 21:48

Instrument :

BNA_G

ClientSampleId :

MW-9-6-2-15

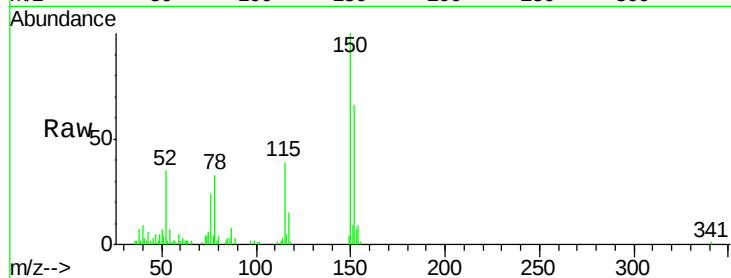
Tgt Ion:152 Resp: 15707

Ion Ratio Lower Upper

152 100

150 151.5 121.7 182.5

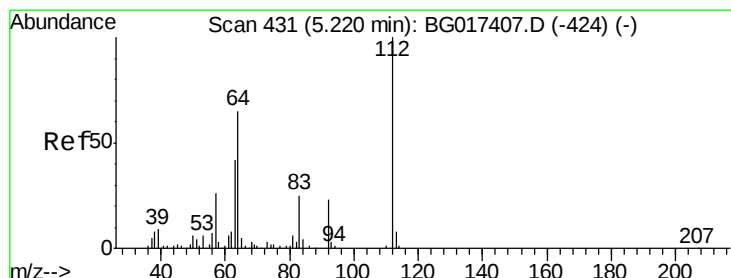
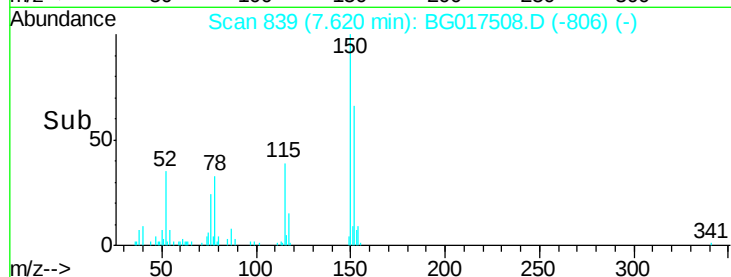
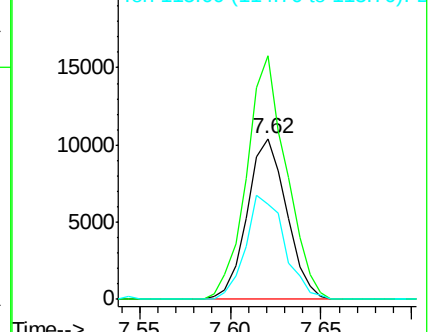
115 59.1 48.6 73.0



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



#5

2-Fluorophenol

Concen: 65.95 ng

RT: 5.22 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG017508.D

Acq: 6 Jun 2015 21:48

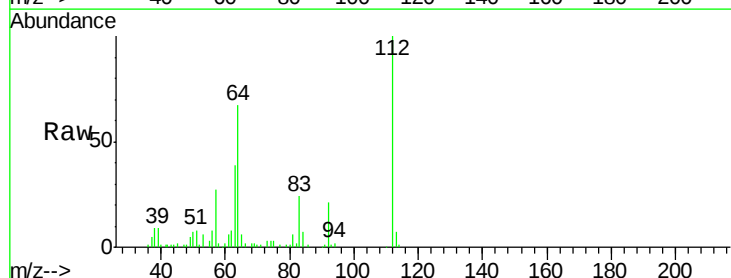
Tgt Ion:112 Resp: 58796

Ion Ratio Lower Upper

112 100

64 66.8 51.6 77.4

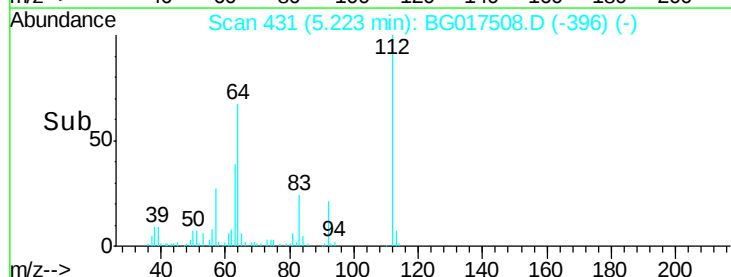
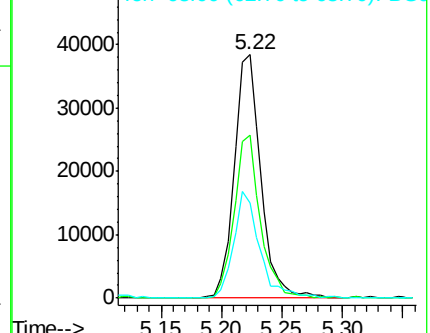
63 39.3 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.65 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG017508.D

Acq: 6 Jun 2015 21:48

Instrument :

BNA_G

ClientSampleId :

MW-9-6-2-15

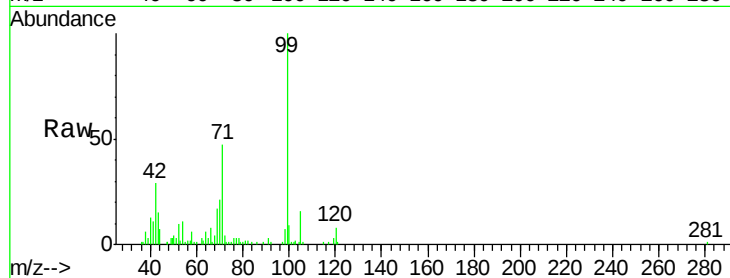
Tgt Ion: 99 Resp: 46940

Ion Ratio Lower Upper

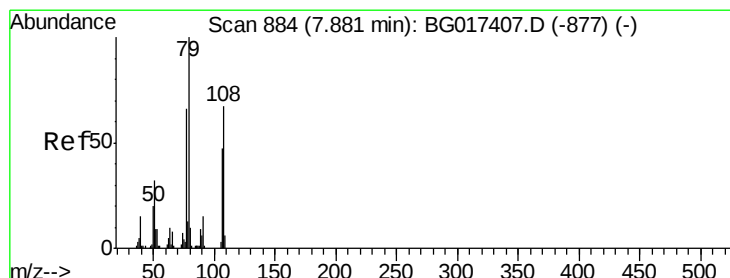
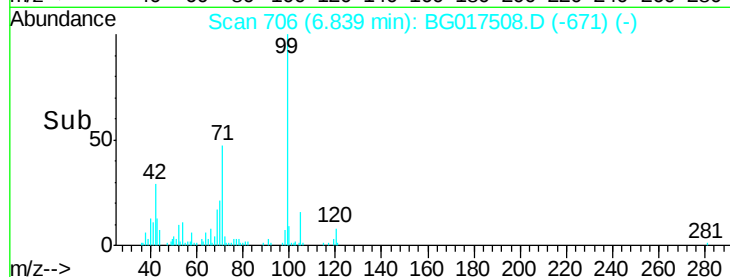
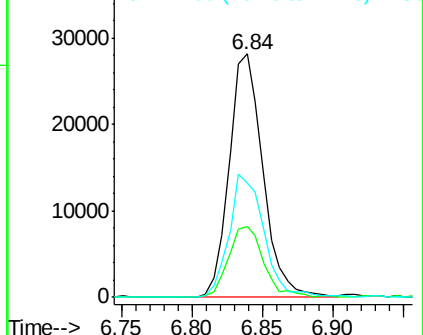
99 100

42 29.0 21.0 31.6

71 46.9 37.2 55.8



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



#15

Benzyl Alcohol

Concen: 3.75 ng

RT: 7.94 min Scan# 893

Delta R.T. 0.06 min

Lab File: BG017508.D

Acq: 6 Jun 2015 21:48

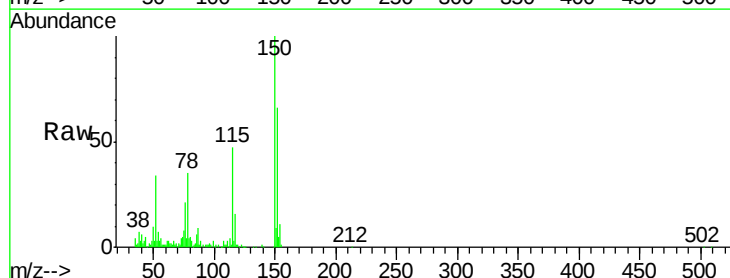
Tgt Ion: 79 Resp: 4236

Ion Ratio Lower Upper

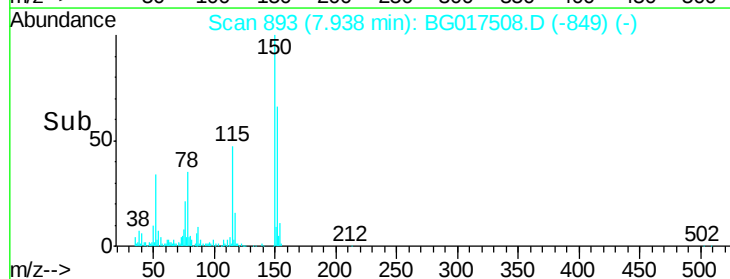
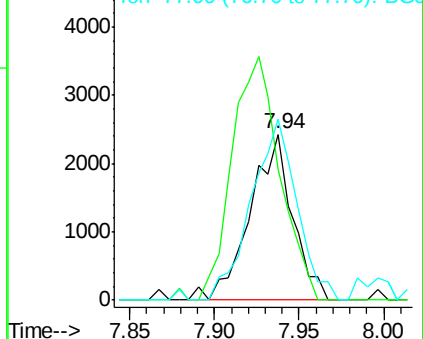
79 100

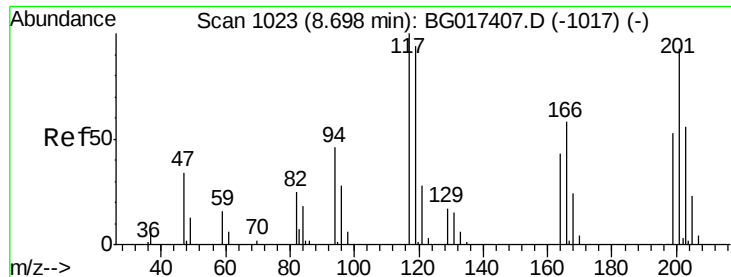
108 78.6 53.7 80.5

77 108.6 53.0 79.4#



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

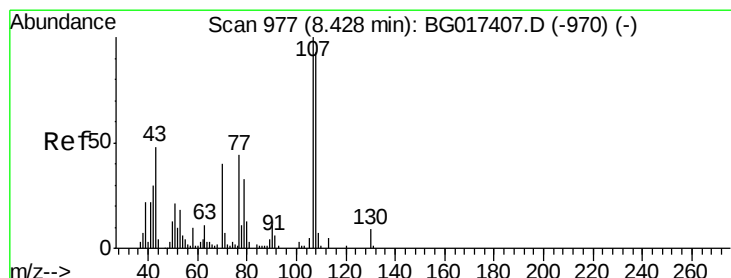
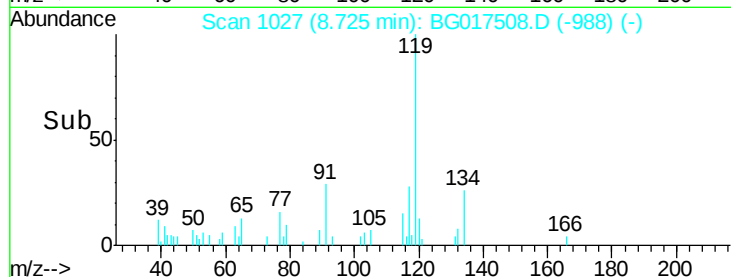
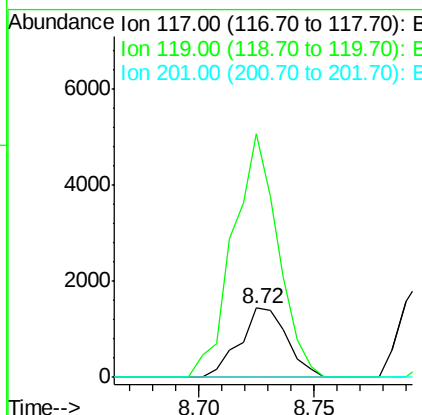
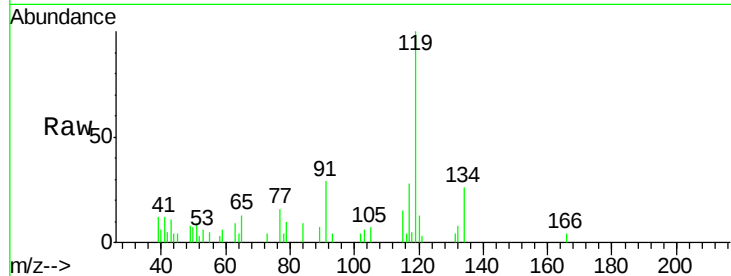




#18
Hexachloroethane
Concen: 4.18 ng
RT: 8.72 min Scan# 1027
Delta R.T. 0.03 min
Lab File: BG017508.D
Acq: 6 Jun 2015 21:48

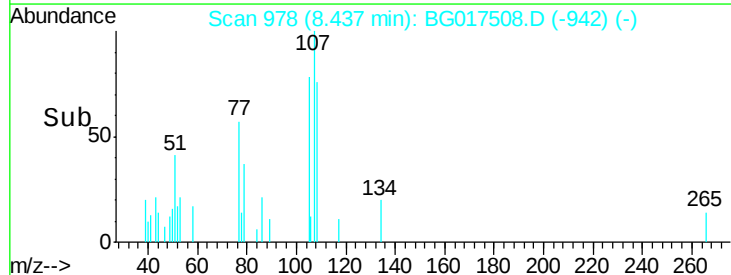
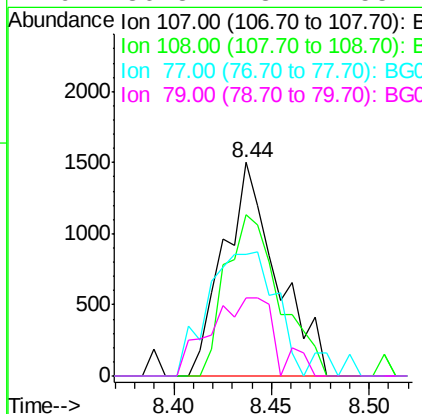
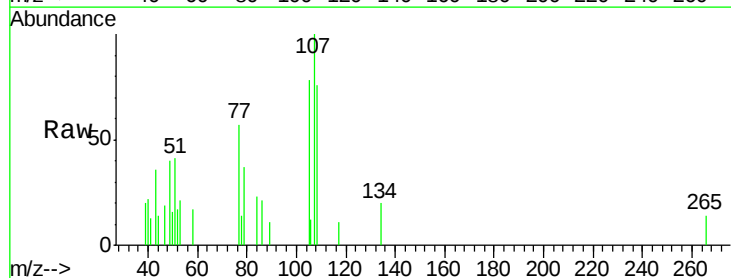
Instrument :
BNA_G
ClientSampleId :
MW-9-6-2-15

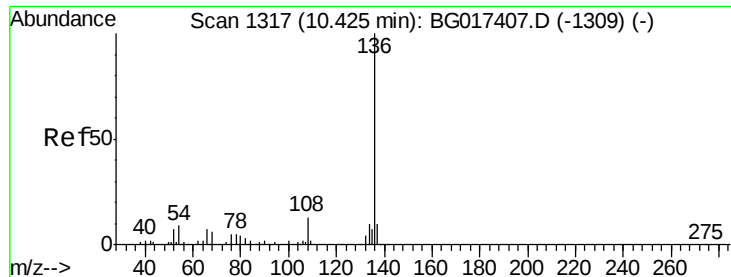
Tgt Ion:117 Resp: 2059
Ion Ratio Lower Upper
117 100
119 351.1 75.0 112.4#
201 0.0 74.2 111.2#



#20
3+4-Methylphenols
Concen: 2.17 ng
RT: 8.44 min Scan# 978
Delta R.T. 0.01 min
Lab File: BG017508.D
Acq: 6 Jun 2015 21:48

Tgt Ion:107 Resp: 2838
Ion Ratio Lower Upper
107 100
108 75.6 73.0 113.0
77 57.1 23.9 63.9
79 36.8 13.4 53.4

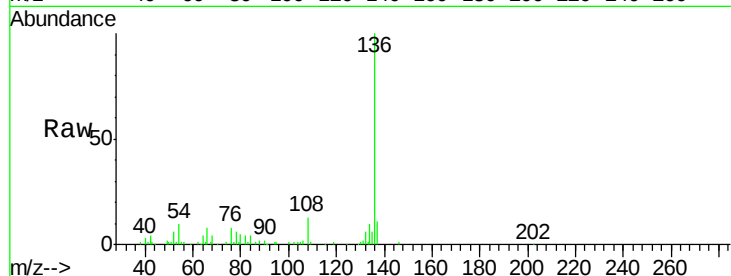




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG017508.D
Acq: 6 Jun 2015 21:48

Instrument :
BNA_G
ClientSampleId :
MW-9-6-2-15

Tgt Ion:	136	Resp:	66074
Ion	Ratio	Lower	Upper
136	100		
137	10.9	7.9	11.9
54	9.7	7.2	10.8
68	4.3	4.5	6.7#



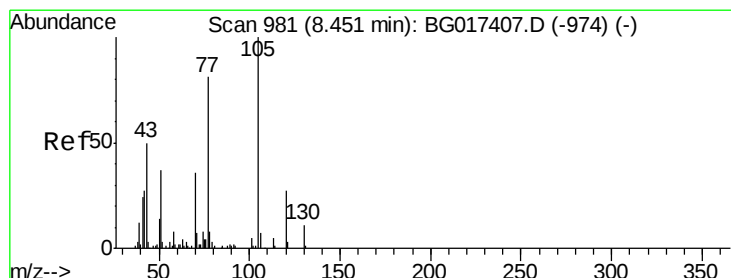
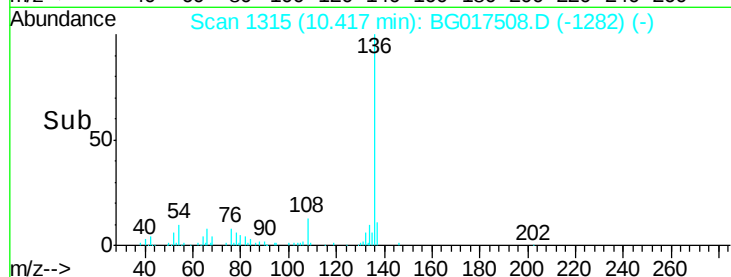
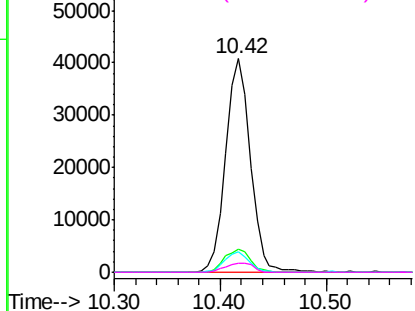
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

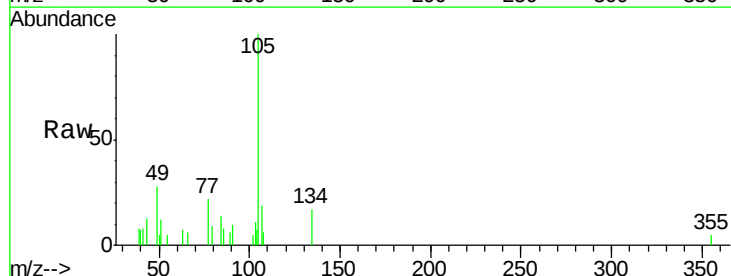
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 2.87 ng
RT: 8.42 min Scan# 975
Delta R.T. -0.03 min
Lab File: BG017508.D
Acq: 6 Jun 2015 21:48

Tgt Ion:	105	Resp:	4644
Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.3	7.9#
51	12.2	32.4	48.6#
120	0.0	21.4	32.2#



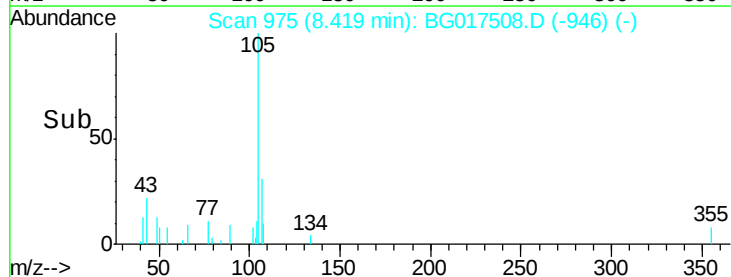
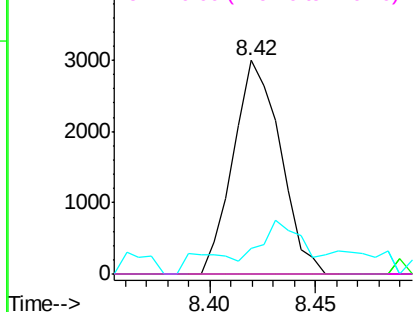
Abundance

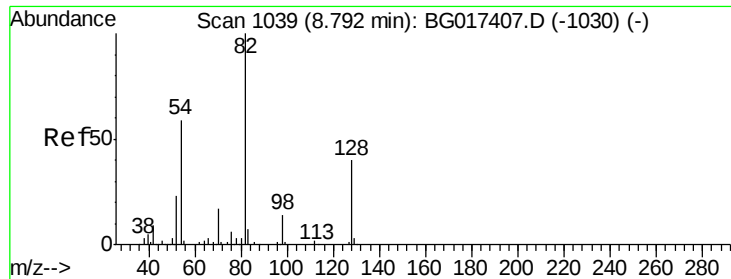
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

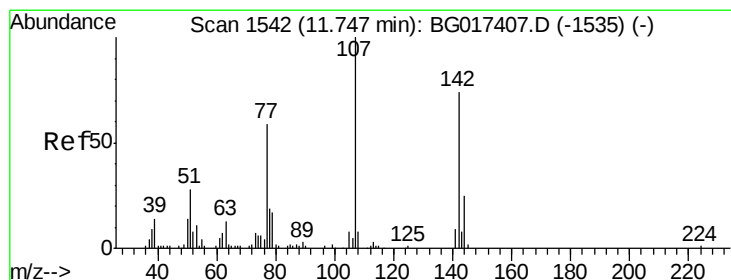
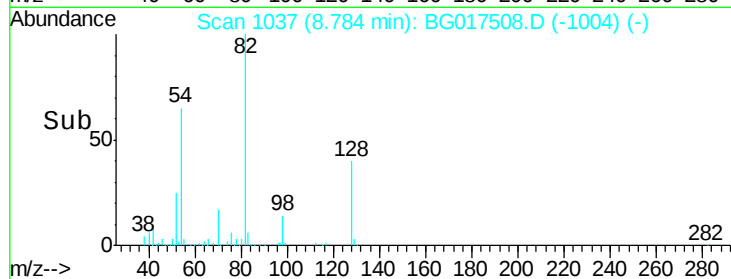
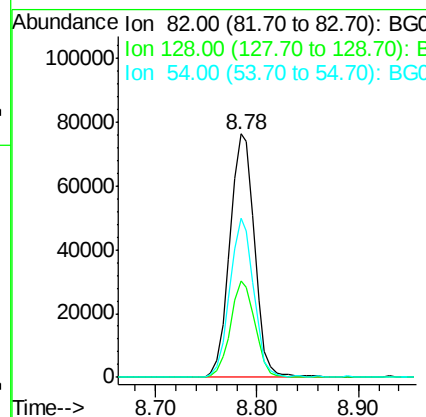
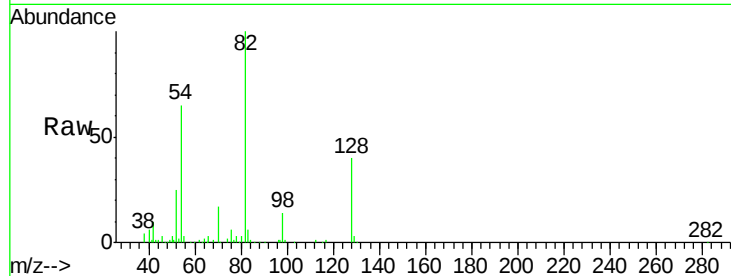




#23
 Nitrobenzene-d5
 Concen: 97.56 ng
 RT: 8.78 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG017508.D
 Acq: 6 Jun 2015 21:48

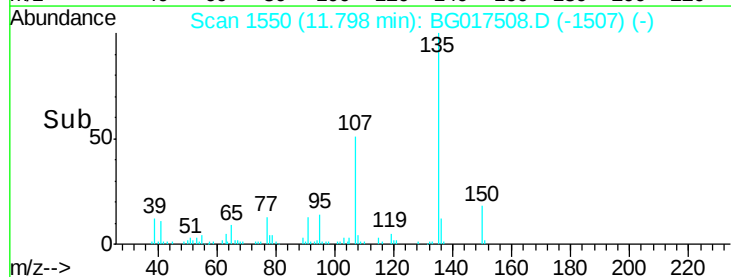
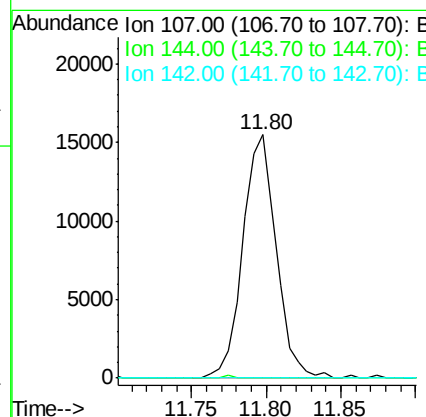
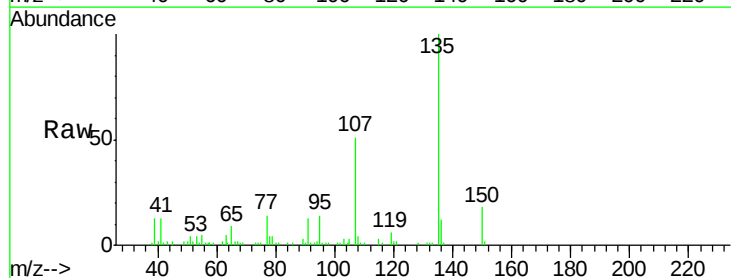
Instrument :
 BNA_G
 ClientSampleId :
 MW-9-6-2-15

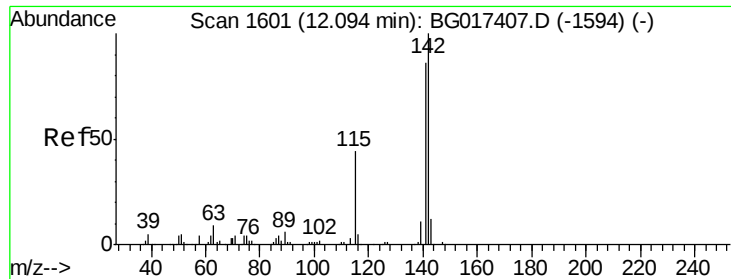
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.2	48.4
54	65.5	47.4	71.2



#36
 4-Chloro-3-methylphenol
 Concen: 18.25 ng
 RT: 11.80 min Scan# 1550
 Delta R.T. 0.05 min
 Lab File: BG017508.D
 Acq: 6 Jun 2015 21:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.8	29.8#
142	0.0	59.0	88.4#

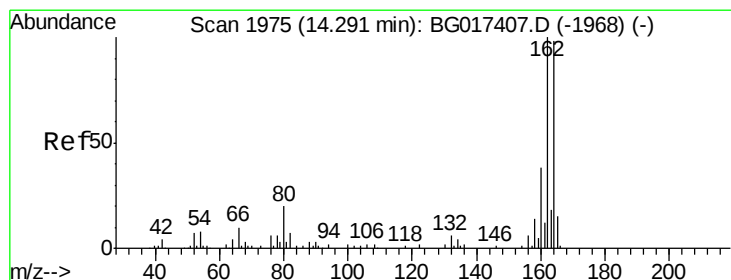
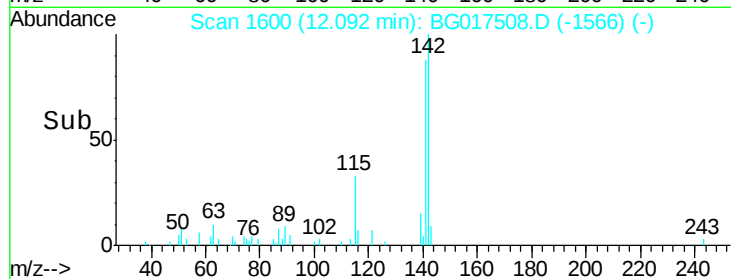
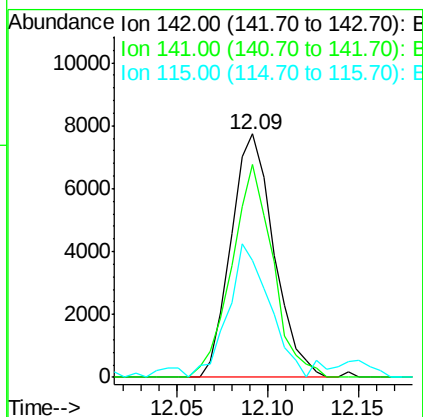
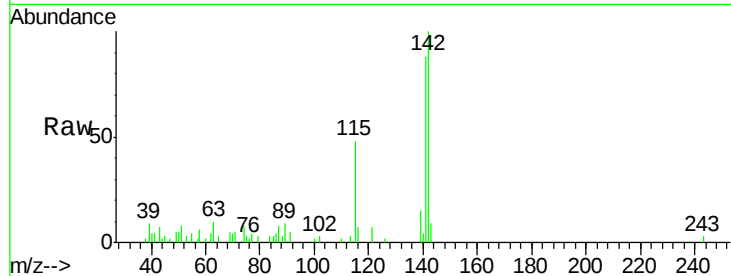




#37
2-Methylnaphthalene
Concen: 4.78 ng
RT: 12.09 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG017508.D
Acq: 6 Jun 2015 21:48

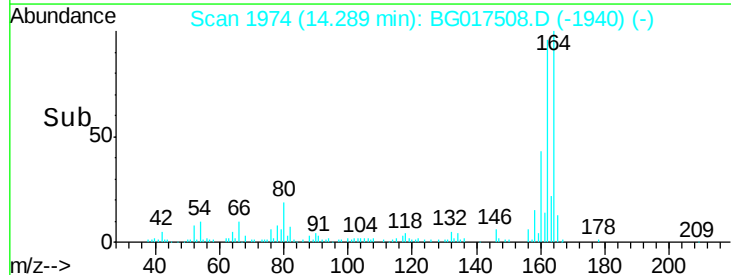
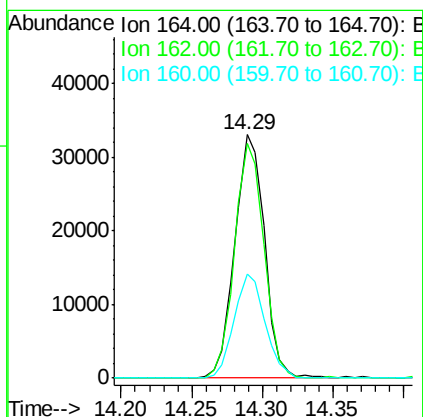
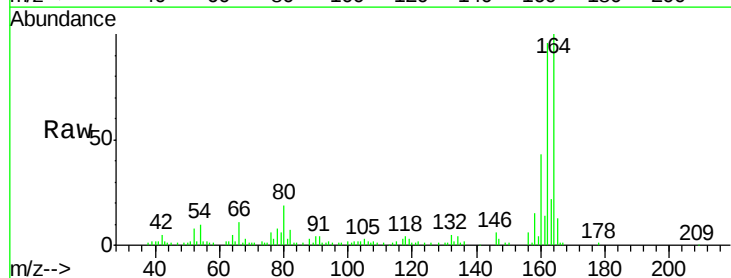
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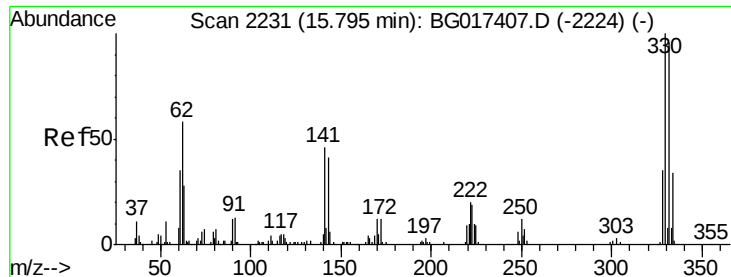
Tgt Ion:142 Resp: 12696
Ion Ratio Lower Upper
142 100
141 87.6 68.6 102.8
115 48.2 35.3 52.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG017508.D
Acq: 6 Jun 2015 21:48

Tgt Ion:164 Resp: 48507
Ion Ratio Lower Upper
164 100
162 96.3 81.8 122.6
160 42.7 31.0 46.4

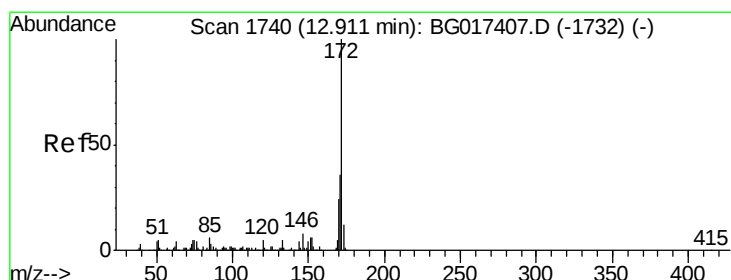
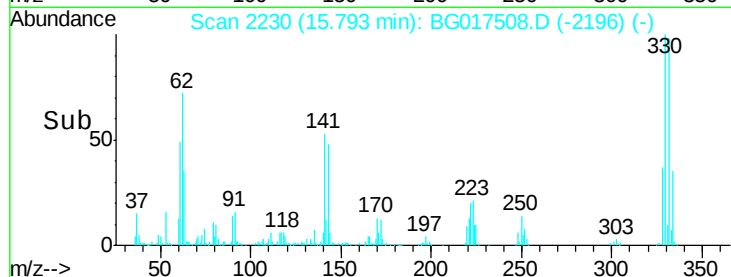
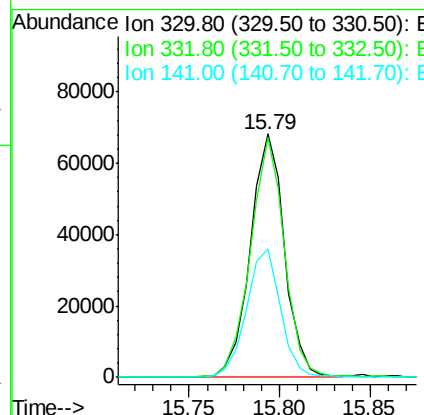
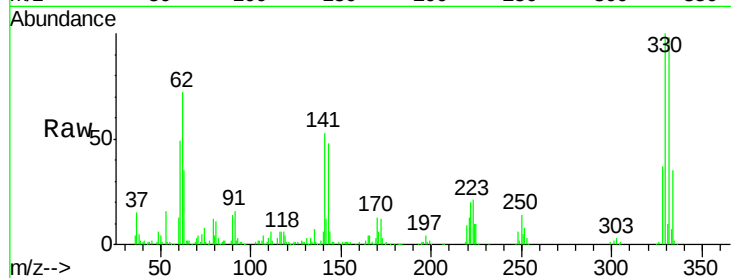




#41
 2,4,6-Tribromophenol
 Concen: 132.71 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG017508.D
 Acq: 6 Jun 2015 21:48

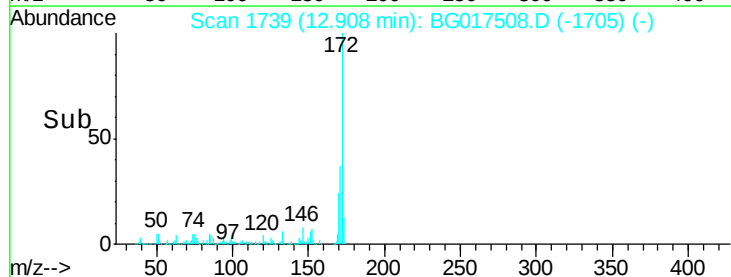
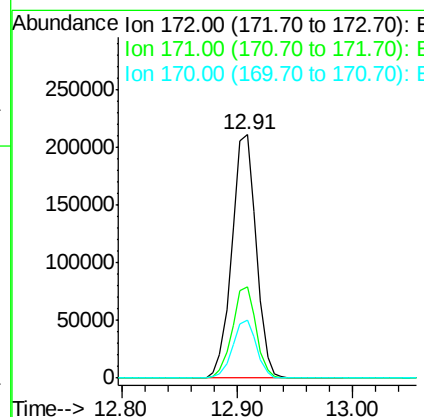
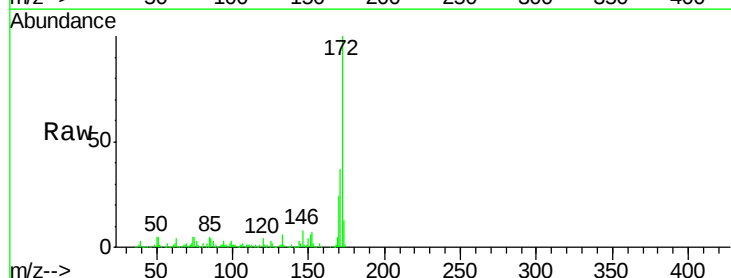
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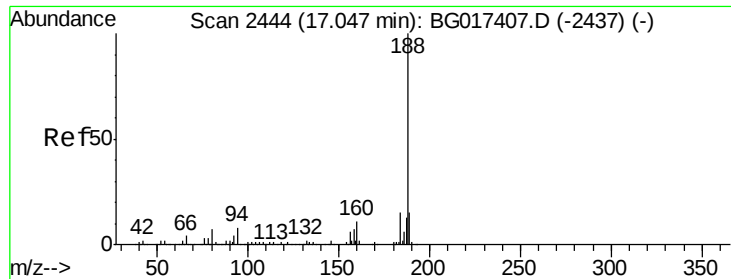
Tgt Ion:330 Resp: 89411
 Ion Ratio Lower Upper
 330 100
 332 98.1 75.9 113.9
 141 53.3 40.2 60.4



#44
 2-Fluorobiphenyl
 Concen: 95.27 ng
 RT: 12.91 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG017508.D
 Acq: 6 Jun 2015 21:48

Tgt Ion:172 Resp: 306354
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.0 43.6
 170 23.8 18.9 28.3

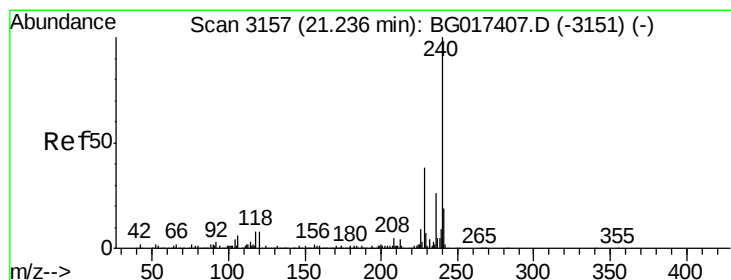
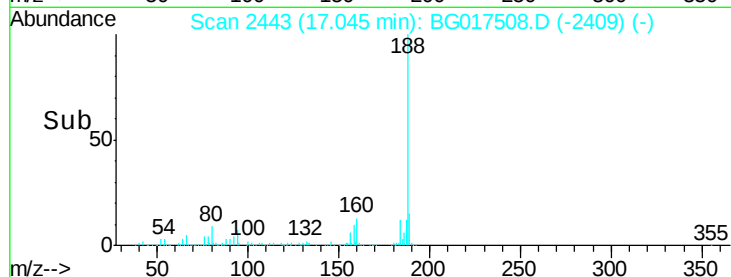
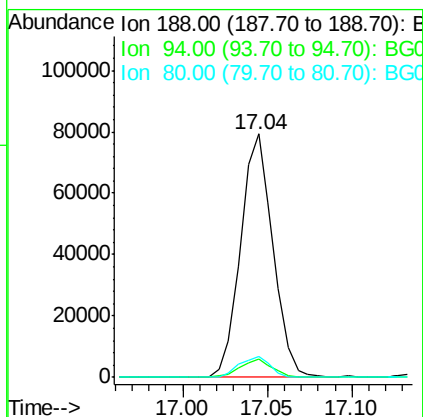
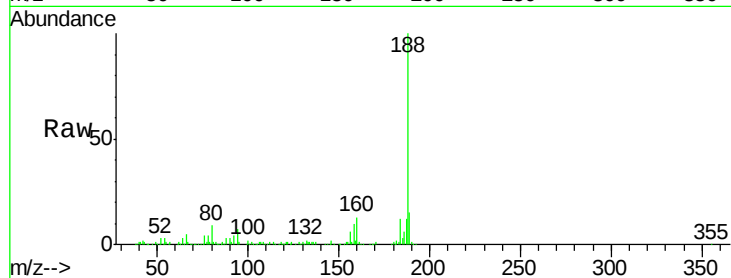




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG017508.D
Acq: 6 Jun 2015 21:48

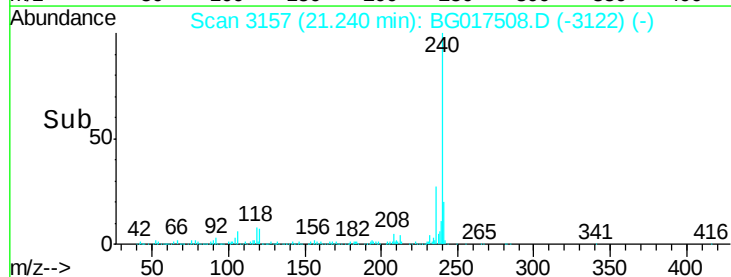
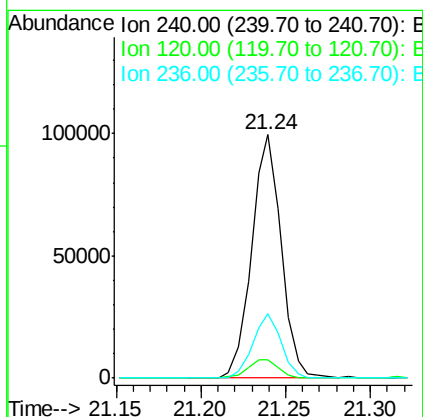
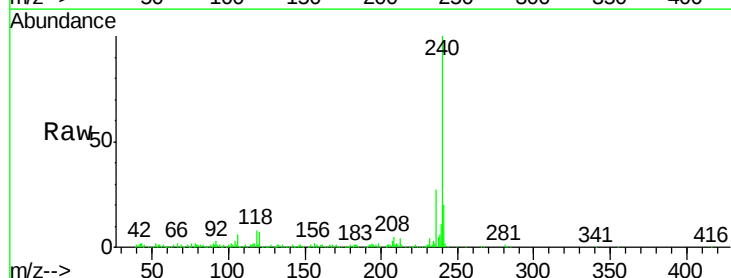
Instrument :
BNA_G
ClientSampleId :
MW-9-6-2-15

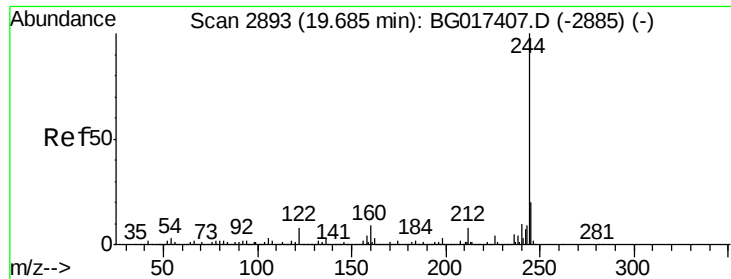
Tgt Ion:188 Resp: 105656
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 8.7 5.2 7.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.24 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG017508.D
Acq: 6 Jun 2015 21:48

Tgt Ion:240 Resp: 120825
Ion Ratio Lower Upper
240 100
120 7.3 6.5 9.7
236 26.6 20.8 31.2





#78

Terphenyl-d14

Concen: 89.66 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BG017508.D

Acq: 6 Jun 2015 21:48

Instrument :

BNA_G

ClientSampleId :

MW-9-6-2-15

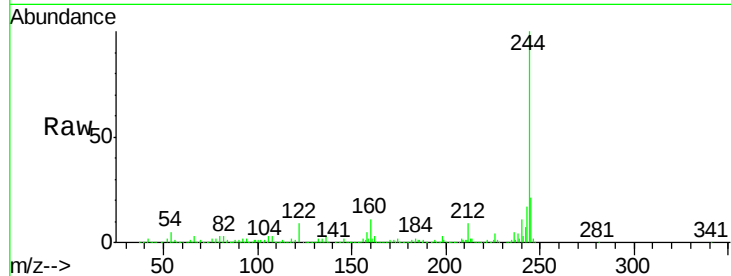
Tgt Ion:244 Resp: 524125

Ion Ratio Lower Upper

244 100

212 8.6 6.4 9.6

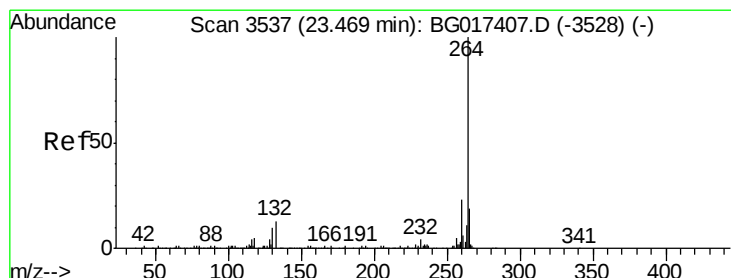
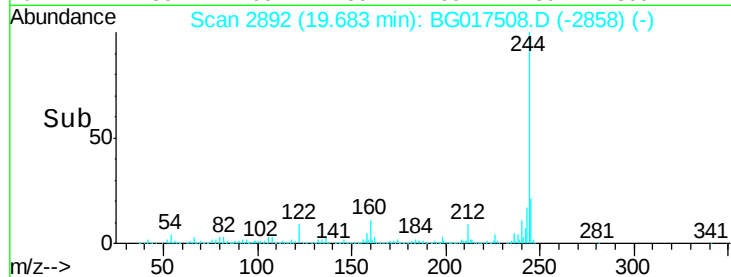
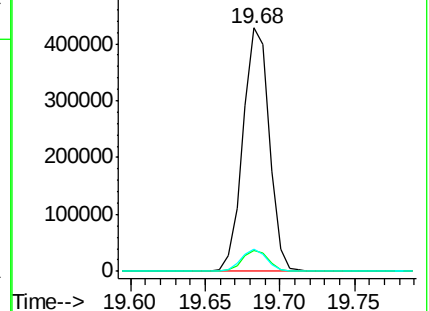
122 8.9 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.48 min Scan# 3538

Delta R.T. 0.01 min

Lab File: BG017508.D

Acq: 6 Jun 2015 21:48

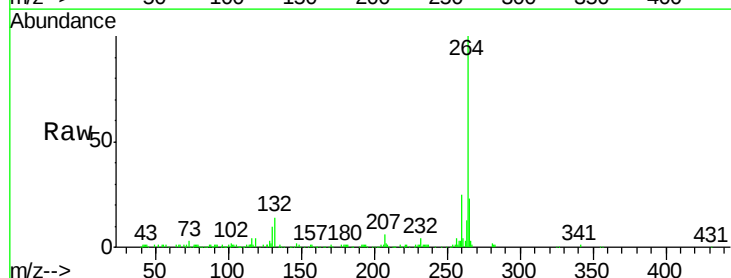
Tgt Ion:264 Resp: 118633

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

265 22.6 15.8 23.6



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

