

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 06:00:06 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

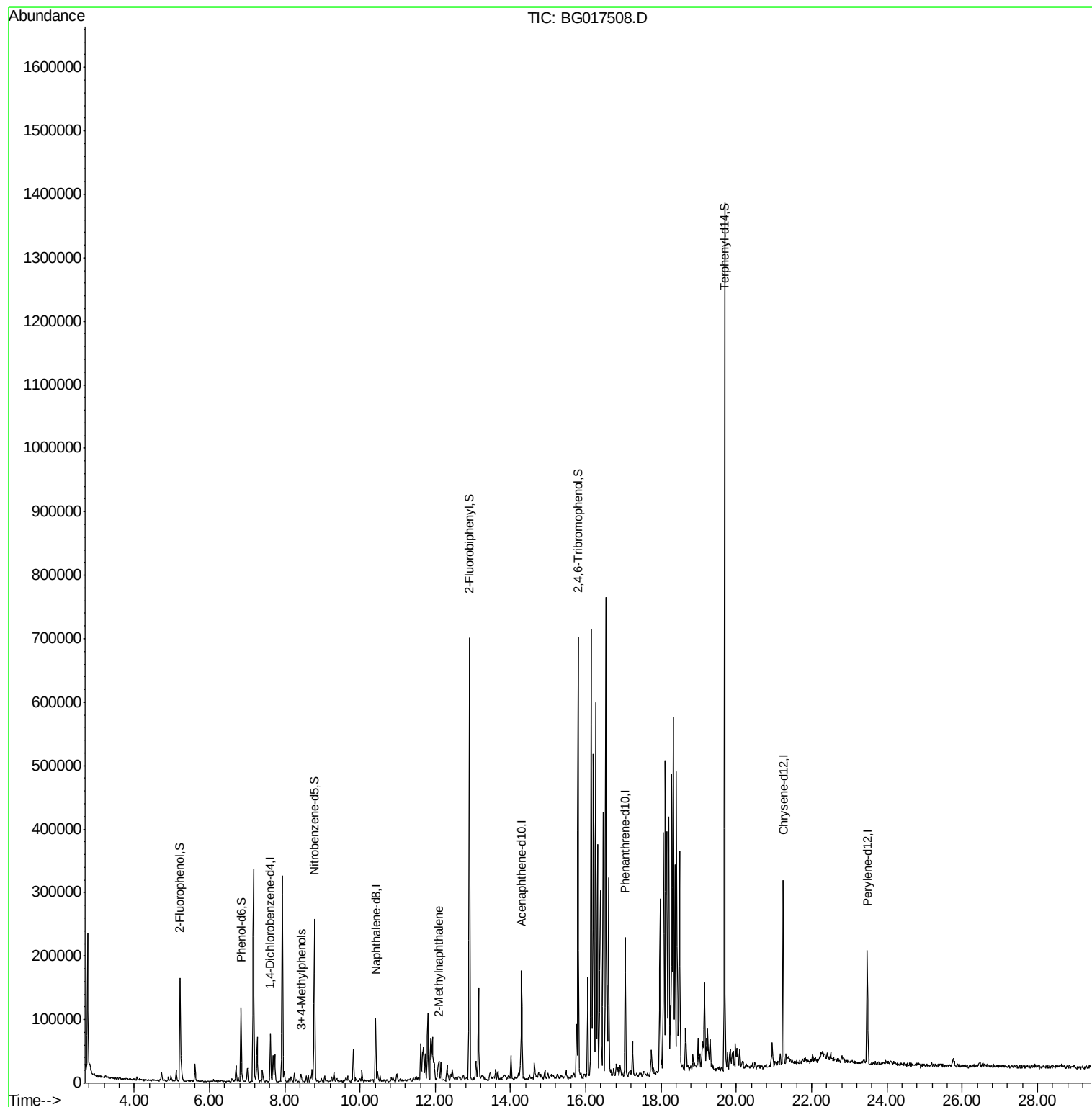
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	15707	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	66074	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	48507	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	105656	20.00	ng	0.00
75) Chrysene-d12	21.24	240	120825	20.00	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						
20) 3+4-Methylphenols	8.44	107	2838	2.17	ng	84
37) 2-Methylnaphthalene	12.09	142	12696	4.78	ng	96

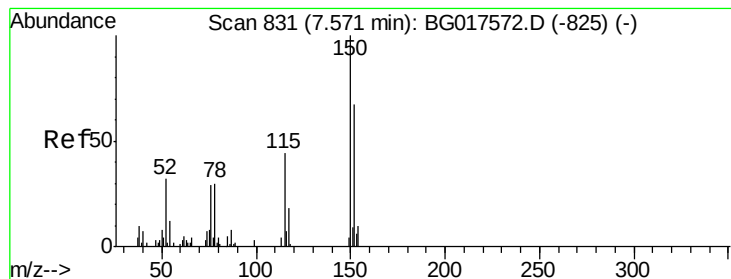
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 08 06:00:06 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

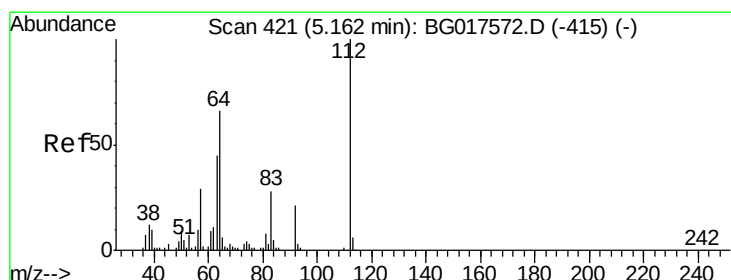
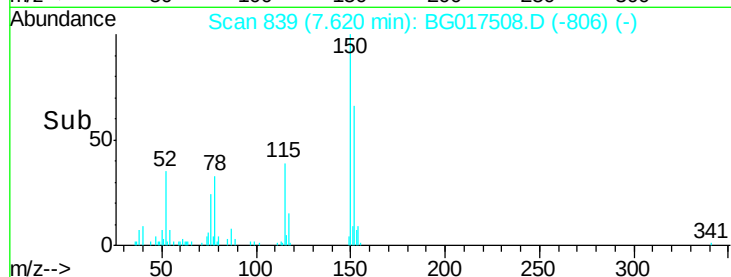
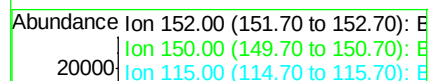
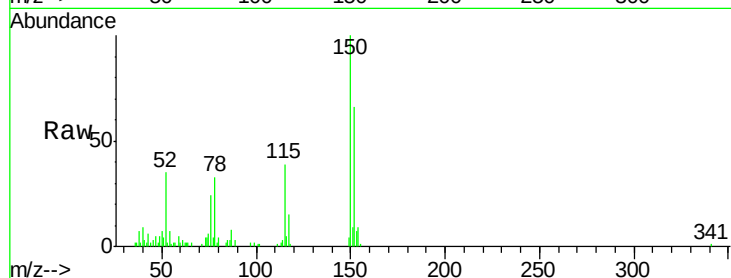
Tot Ion:152 Resp: 15707

Ion Ratio Lower Upper

152 100

150 151.5 121.7 182.5

115 59.1 48.6 73.0



#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

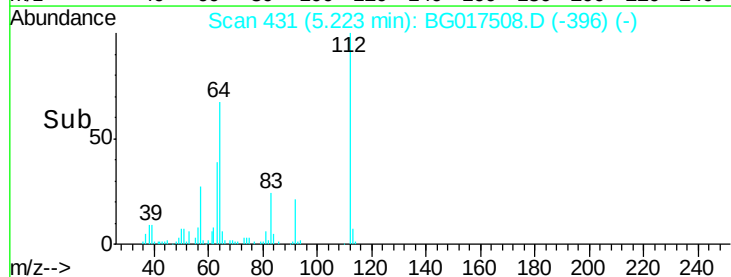
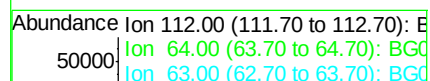
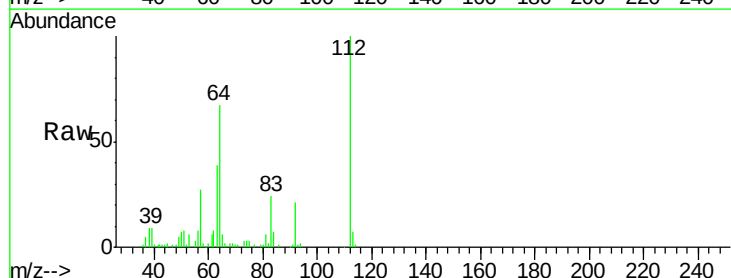
Tgt Ion:112 Resp: 58796

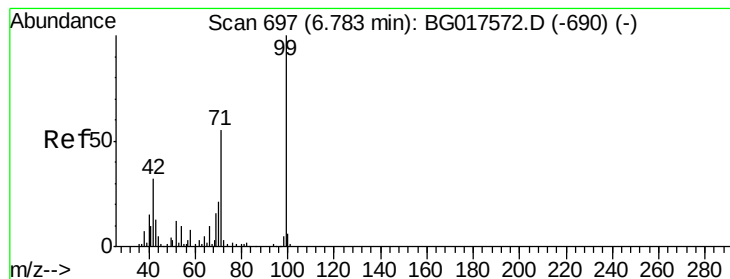
Ion Ratio Lower Upper

112 100

64 66.8 51.6 77.4

63 39.3 33.3 49.9





#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

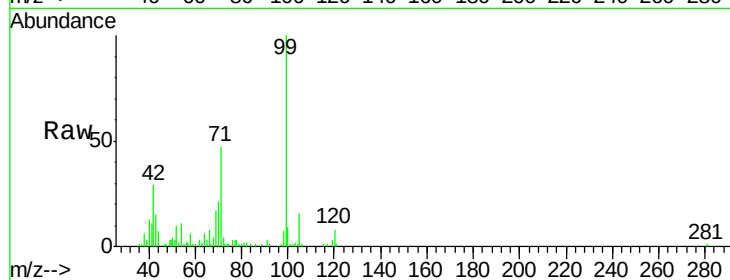
Tot Ion: 99 Resp: 46940

Ion Ratio Lower Upper

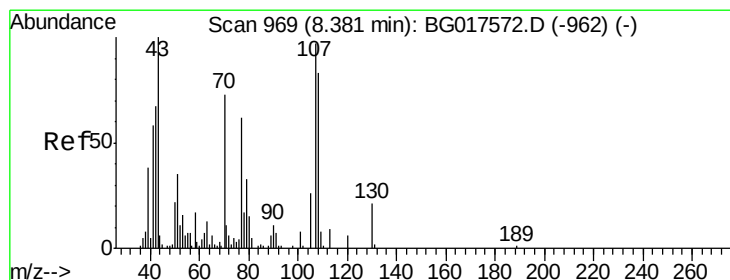
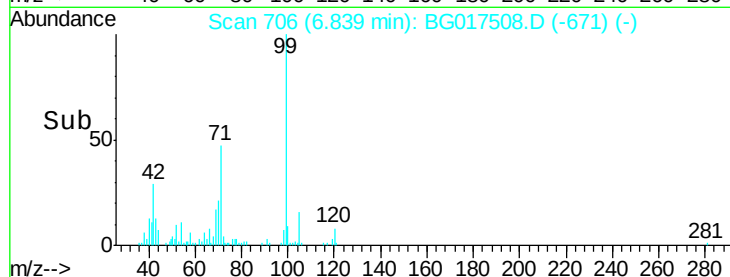
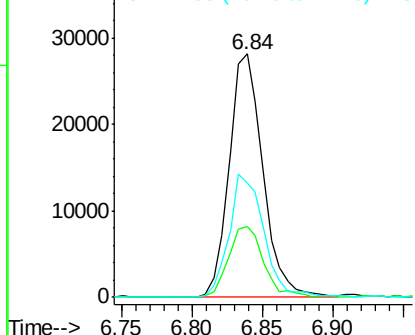
99 100

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



#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

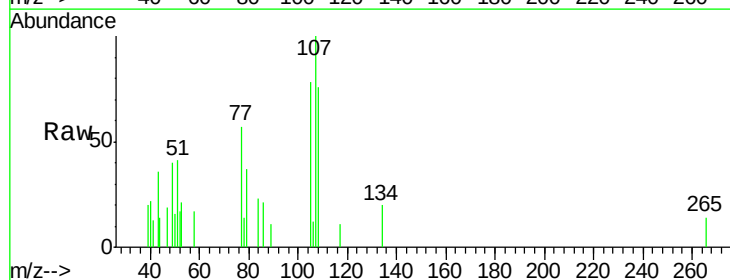
Ion Ratio Lower Upper

107 100

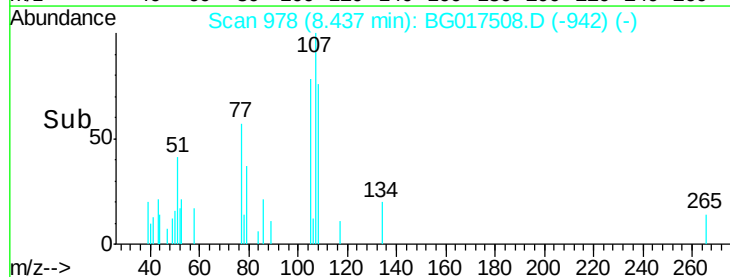
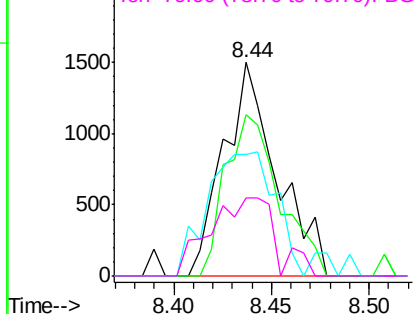
108 75.6 73.0 113.0

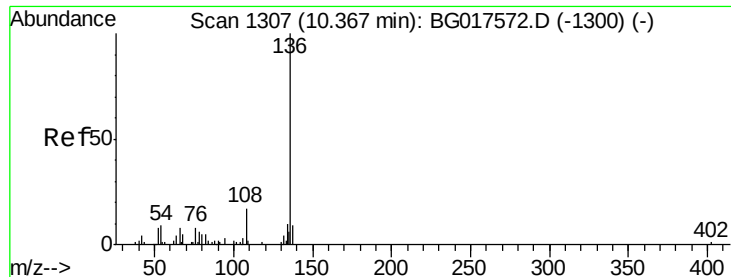
77 57.1 23.9 63.9

79 36.8 13.4 53.4



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

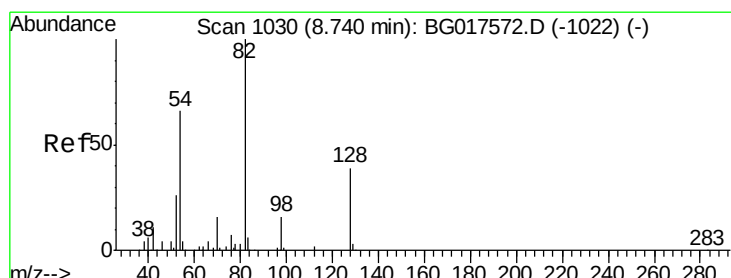
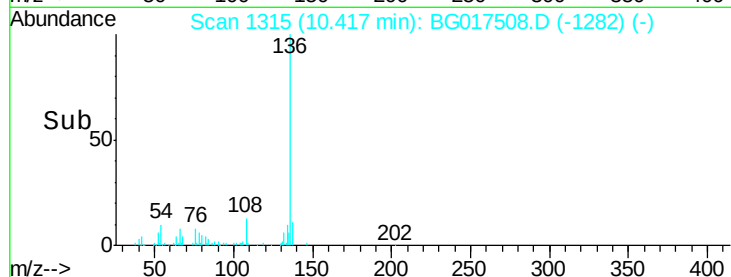
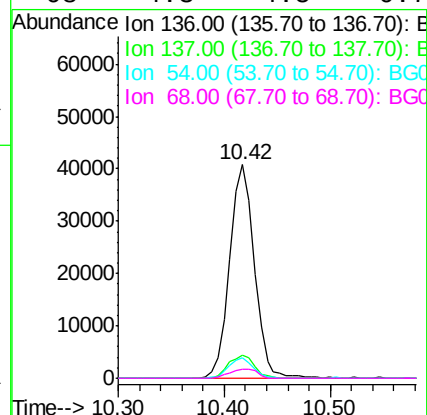
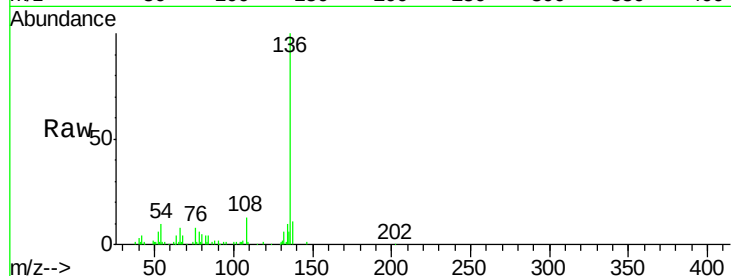




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG017508.D
Acq: 6 Jun 2015 21:48

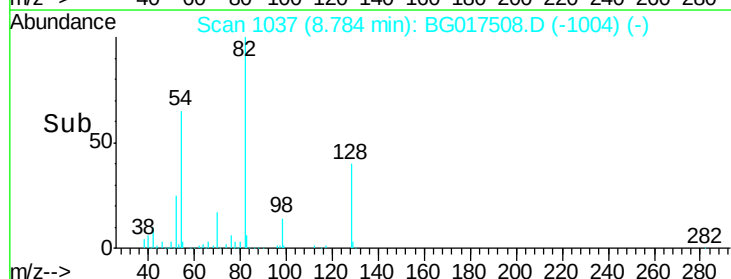
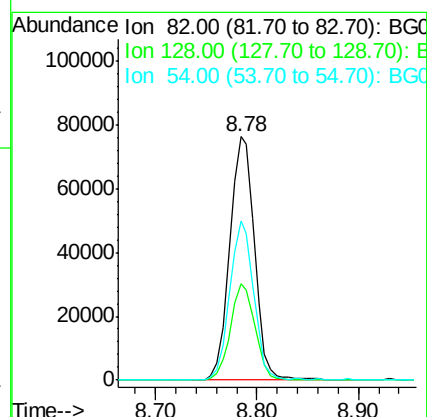
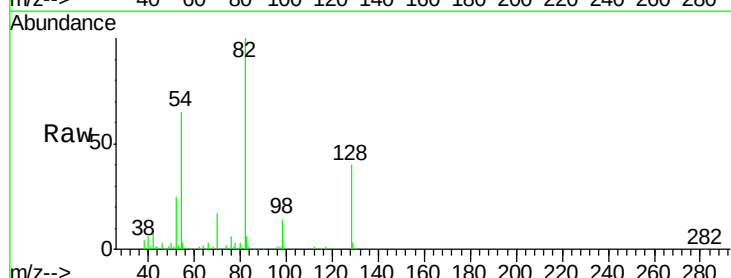
Instrument :
BNA_G
ClientSampleId :
MW-9-6-2-15

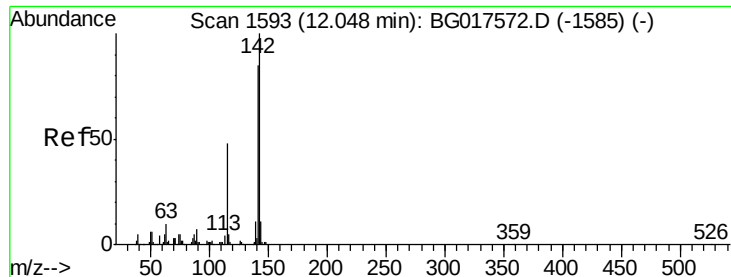
Tot Ion:	136	Resp:	66074
Ion	Ratio	Lower	Upper
136	100		
137	10.9	7.9	11.9
54	9.7	7.2	10.8
68	4.3	4.5	6.7#



#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

Tgt Ion:	82	Resp:	129136
Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.2	48.4
54	65.5	47.4	71.2

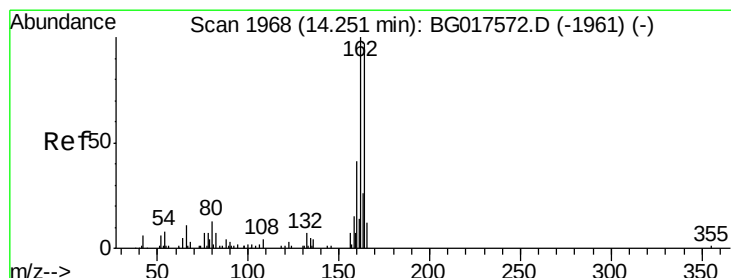
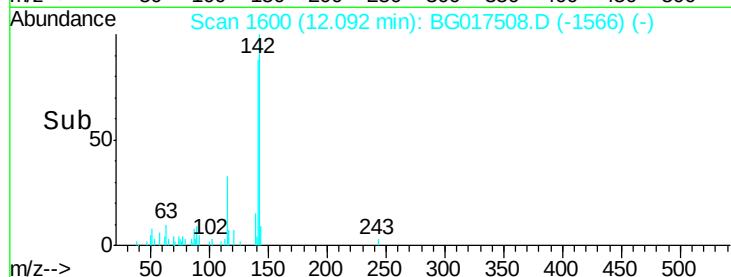
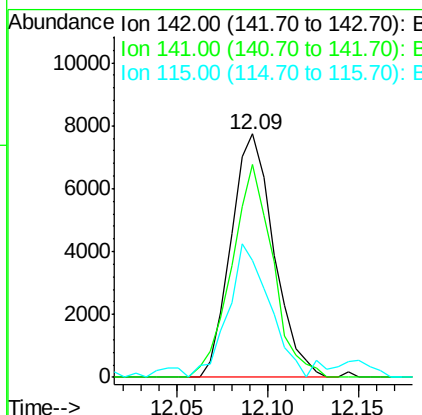
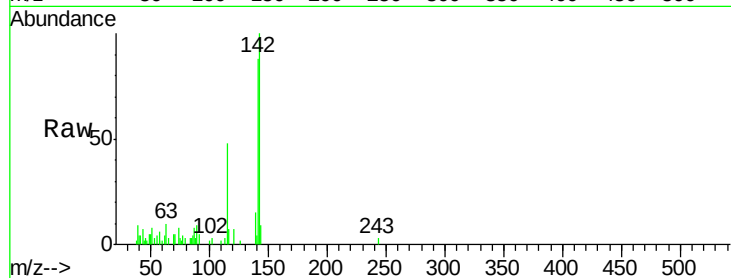




#37
2-Methylnaphthalene
Concen: 4.78 ng
RT: 12.09 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG017508.D
Acq: 6 Jun 2015 21:48

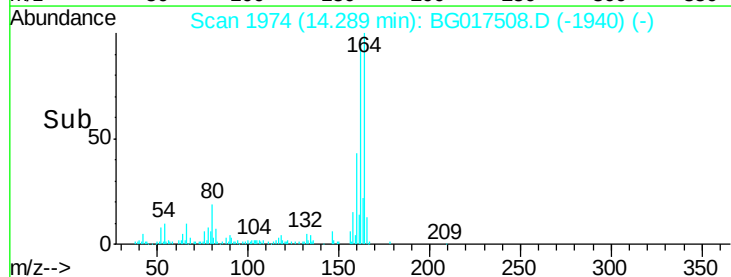
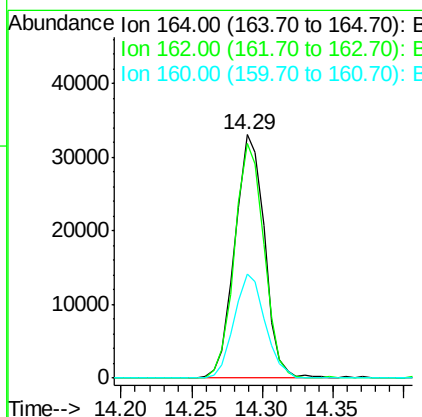
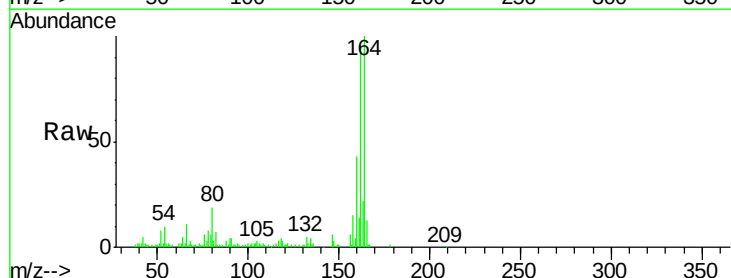
Instrument :
BNA_G
ClientSampleId :
MW-9-6-2-15

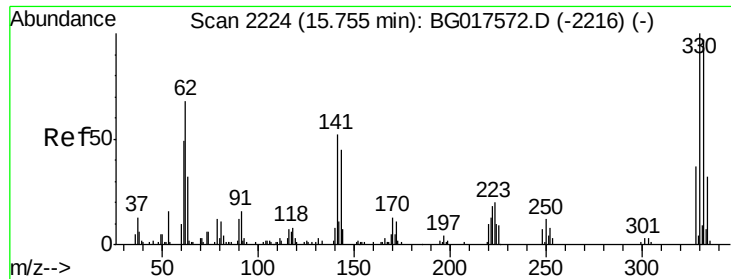
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	68.6	102.8
115	48.2	35.3	52.9



#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	Ratio	Lower	Upper
164	100		
162	96.3	81.8	122.6
160	42.7	31.0	46.4

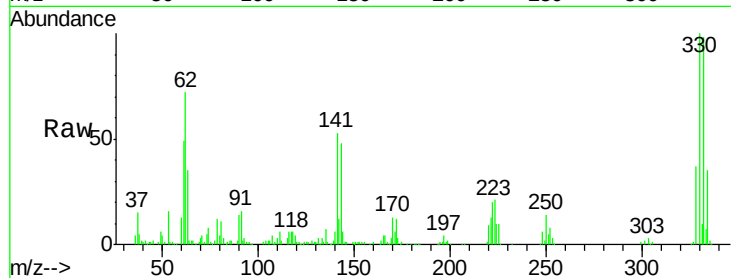




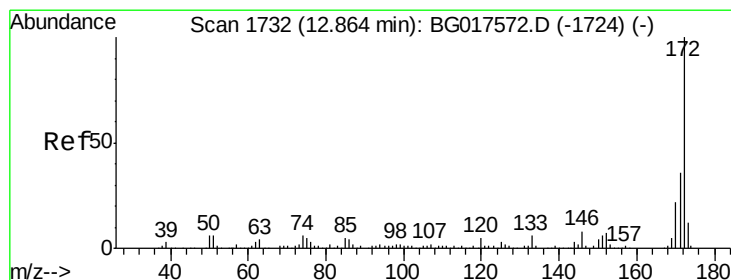
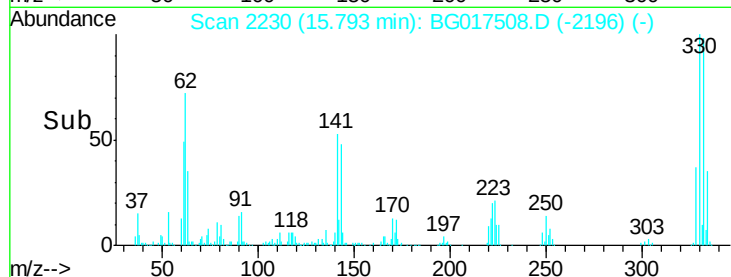
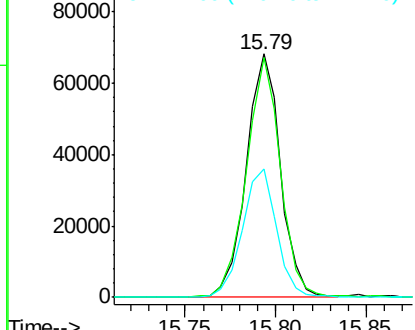
#41
 2,4,6-Tribromophenol
 Concen: 132.71 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG017508.D
 Acq: 6 Jun 2015 21:48

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

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

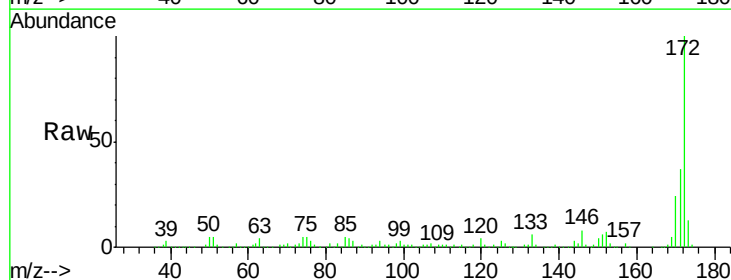


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

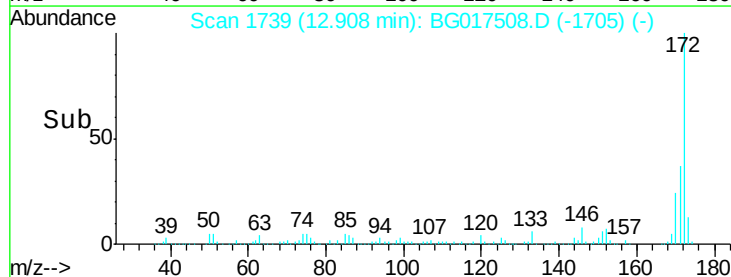
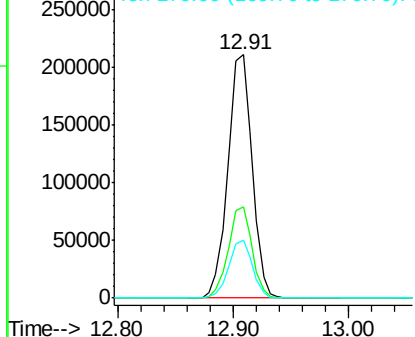


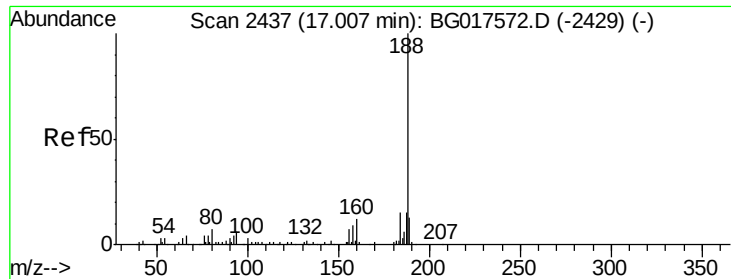
#44
 2-Fluorobiphenyl
 Concen: 95.27 ng
 RT: 12.91 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG017508.D
 Acq: 6 Jun 2015 21:48

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



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

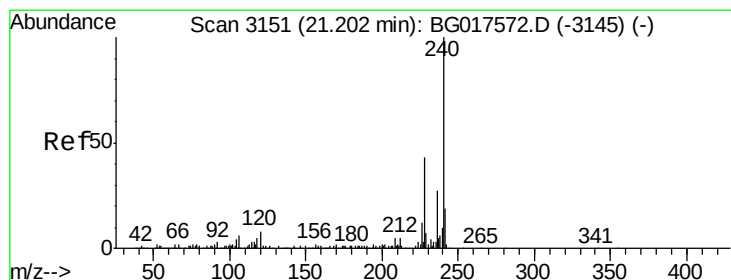
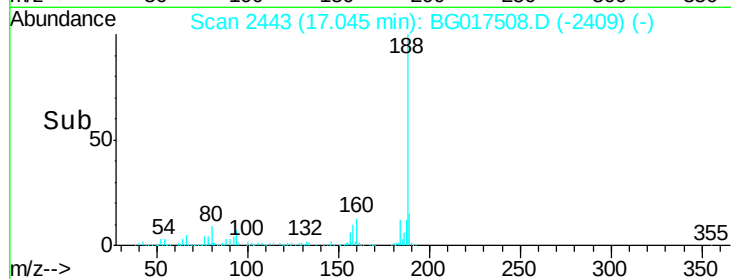
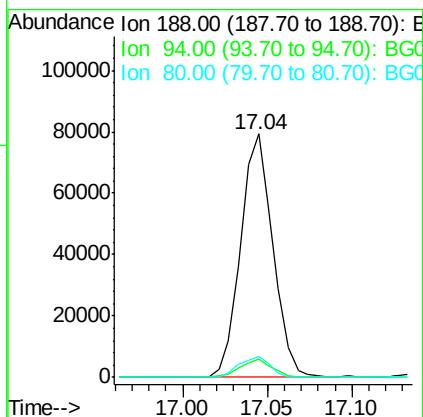
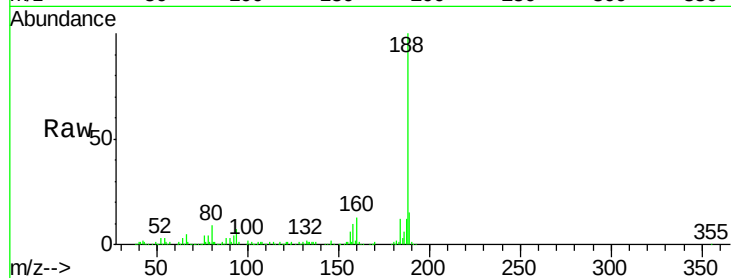




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG017508.D
Acq: 6 Jun 2015 21:48

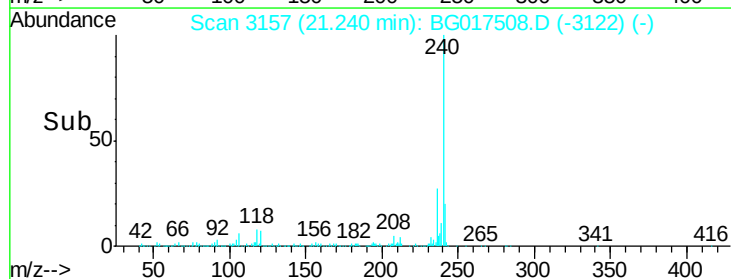
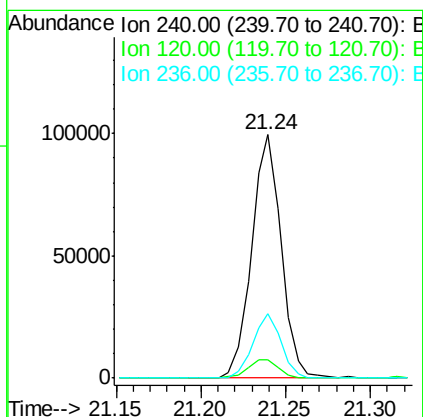
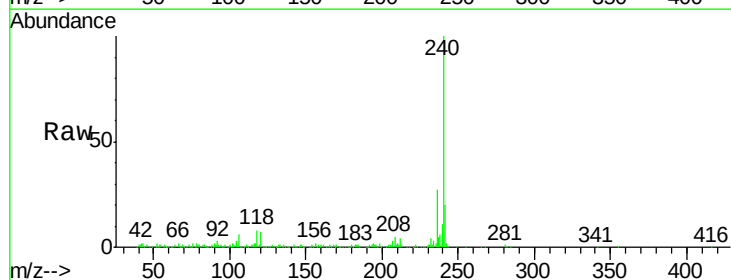
Instrument :
BNA_G
ClientSampleId :
MW-9-6-2-15

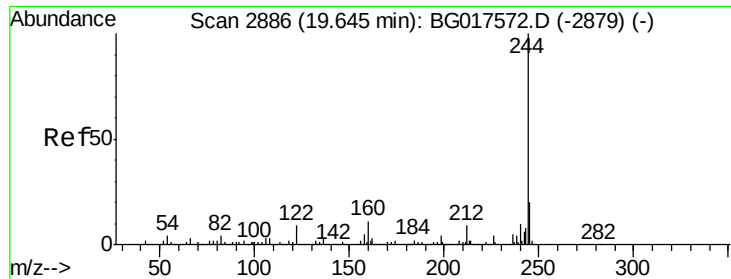
Tot Ion:188 Resp: 105656
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 8.7 5.2 7.8#



#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

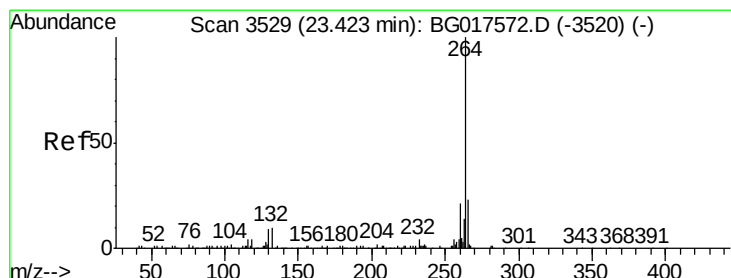
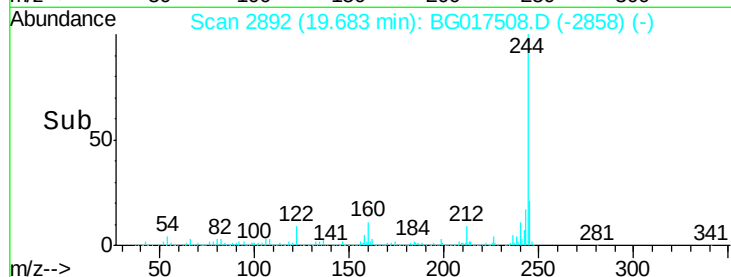
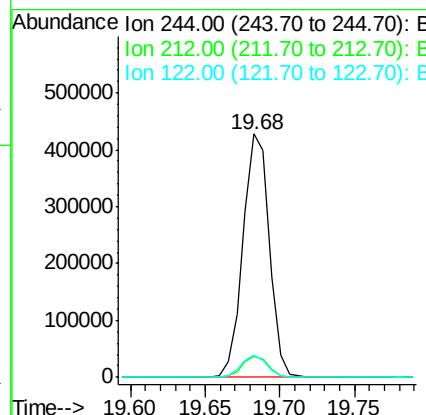
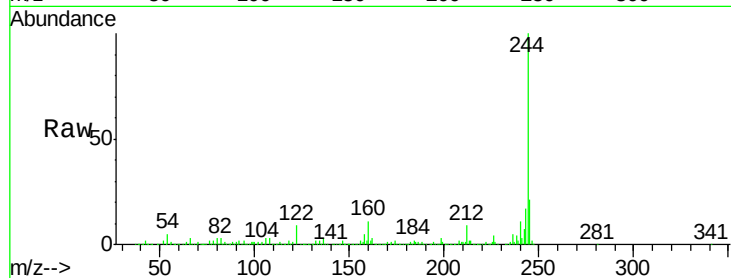




#78
 Terphenyl-d14
 Concen: 89.66 ng
 RT: 19.68 min Scan# 2892
 Delta R.T. -0.00 min
 Lab File: BG017508.D
 Acq: 6 Jun 2015 21:48

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

Tot Ion:244 Resp: 524125
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.4 9.6
 122 8.9 6.6 10.0



#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

