

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016167.D
 Acq On : 27 Mar 2015 7:57
 Operator : TP/IZ
 Sample : G1654-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5-3-24-15

Quant Time: Mar 27 16:01:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 15:24:59 2015
 Response via : Initial Calibration

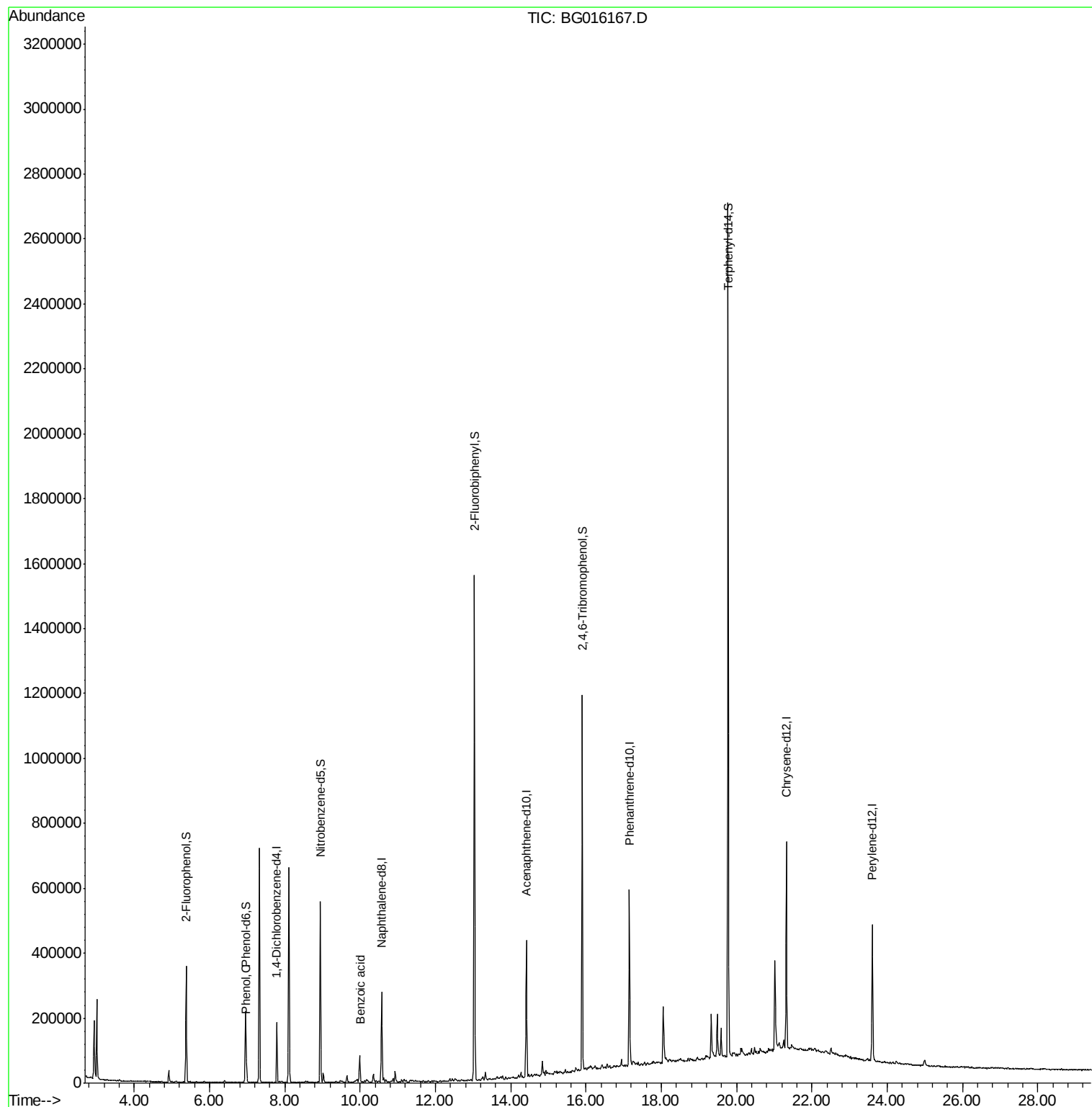
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	51065	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	230782	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	143009	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	295040	20.00	ng	0.00
75) Chrysene-d12	21.32	240	291641	20.00	ng	0.00
86) Perylene-d12	23.61	264	289290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	172274	56.46	ng	0.00
7) Phenol-d6	6.96	99	145083	34.16	ng	0.00
23) Nitrobenzene-d5	8.95	82	323047	86.79	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	225594	137.38	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	795313	93.09	ng	0.00
78) Terphenyl-d14	19.77	244	1079540	93.22	ng	0.00
Target Compounds						
10) Phenol	6.98	94	35742	7.66	ng	Qvalue 97
32) Benzoic acid	10.01	122	55	5.30	ng	# 1

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

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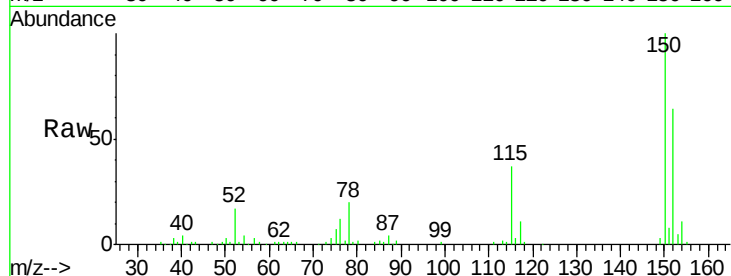


#1

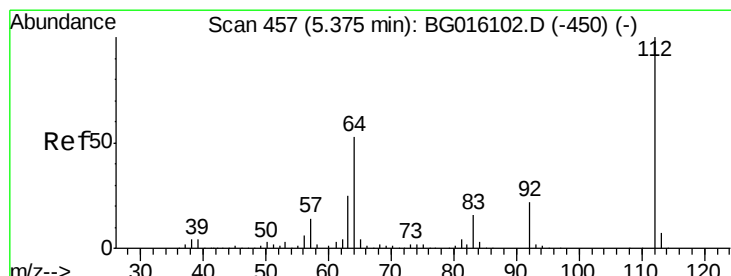
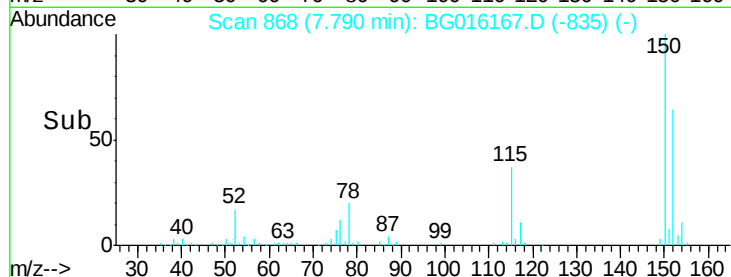
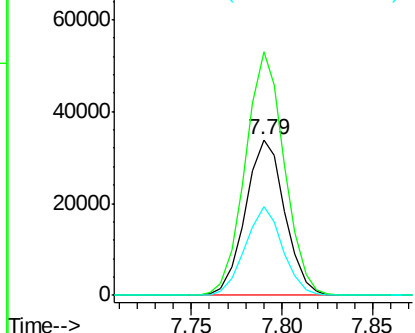
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.79 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG016167.D
 Acq: 27 Mar 2015 7:57

Instrument :
 BNA_G
 ClientSampleId :
 MW-5-3-24-15

Tgt Ion:152 Resp: 51065
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.1 189.1
 115 57.4 43.7 65.5



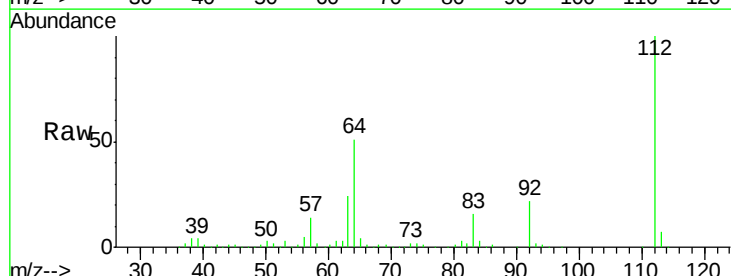
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



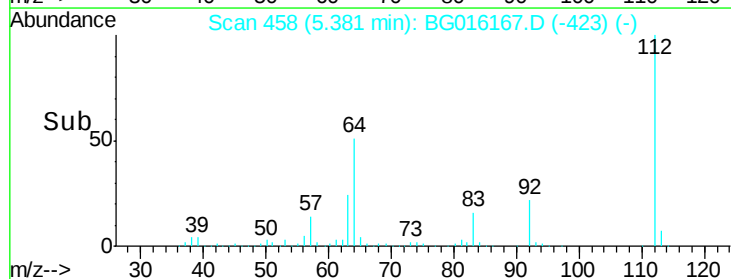
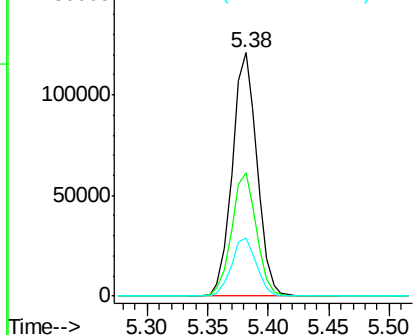
#5

2-Fluorophenol
 Concen: 56.46 ng
 RT: 5.38 min Scan# 458
 Delta R.T. 0.01 min
 Lab File: BG016167.D
 Acq: 27 Mar 2015 7:57

Tgt Ion:112 Resp: 172274
 Ion Ratio Lower Upper
 112 100
 64 50.6 42.6 64.0
 63 23.7 19.9 29.9



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: 34.16 ng

RT: 6.96 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG016167.D

Acq: 27 Mar 2015 7:57

Instrument :

BNA_G

ClientSampleId :

MW-5-3-24-15

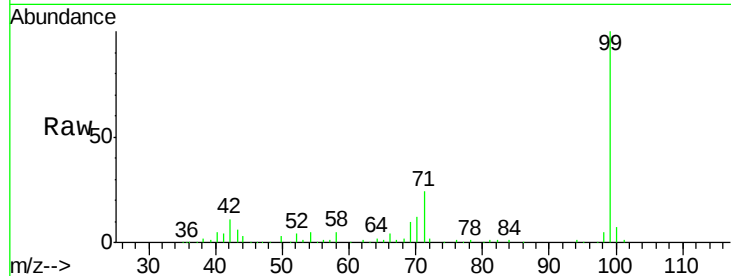
Tgt Ion: 99 Resp: 145083

Ion Ratio Lower Upper

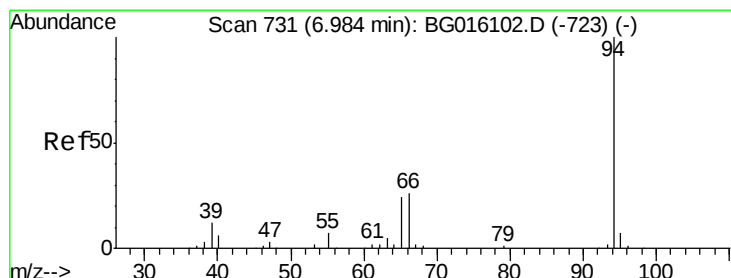
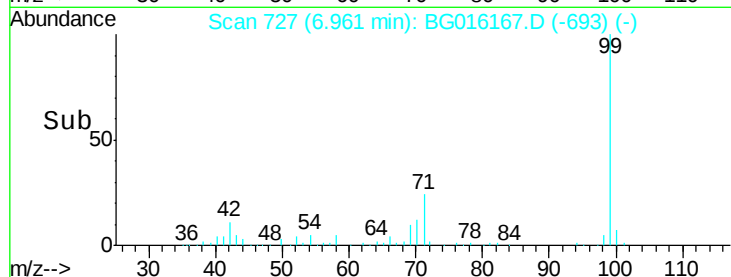
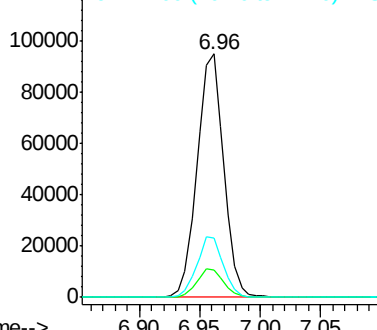
99 100

42 11.0 9.4 14.0

71 24.2 19.9 29.9



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



#10

Phenol

Concen: 7.66 ng

RT: 6.98 min Scan# 731

Delta R.T. 0.00 min

Lab File: BG016167.D

Acq: 27 Mar 2015 7:57

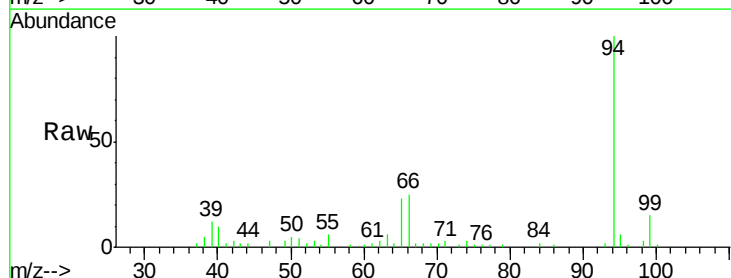
Tgt Ion: 94 Resp: 35742

Ion Ratio Lower Upper

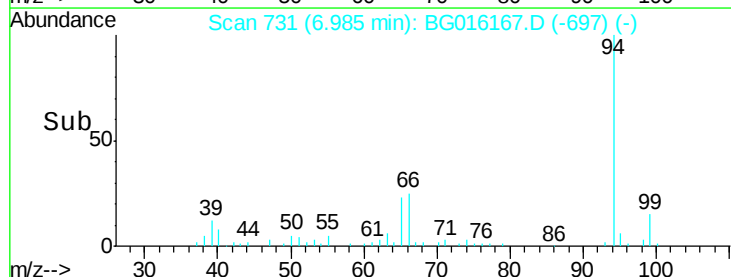
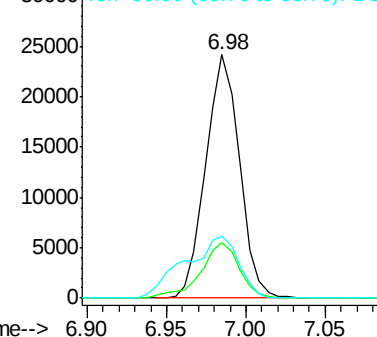
94 100

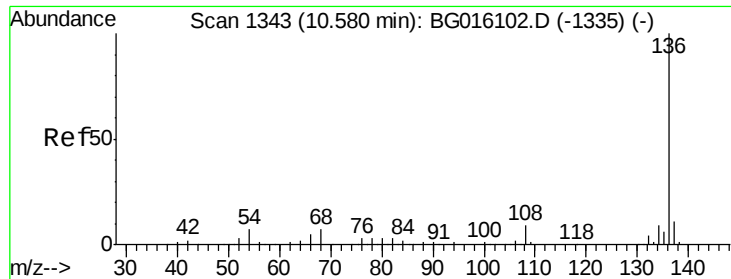
65 23.0 4.0 44.0

66 25.2 7.4 47.4



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

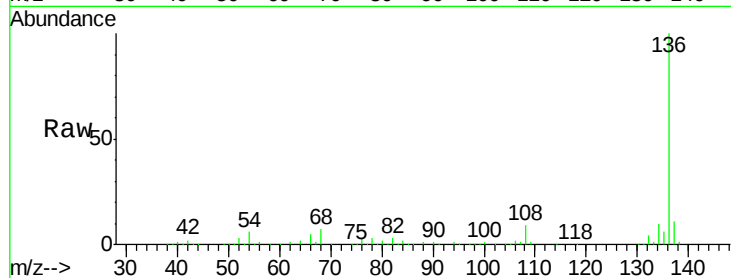




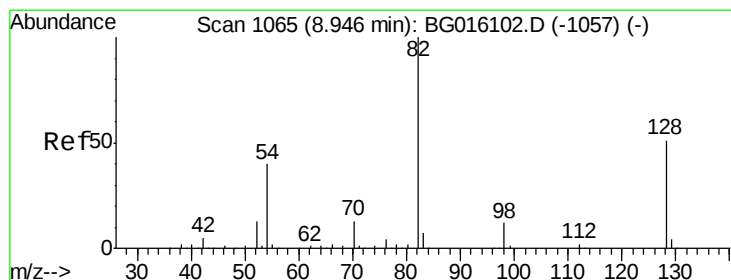
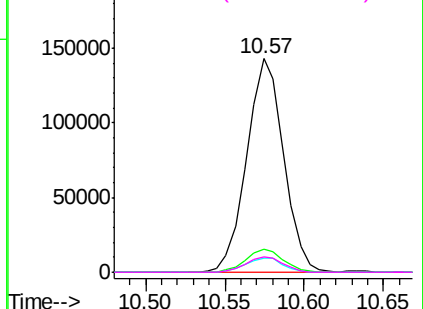
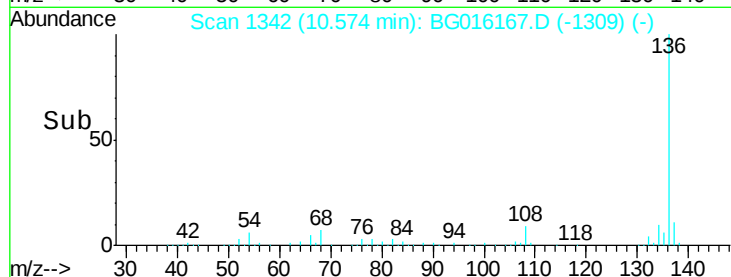
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.57 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG016167.D
Acq: 27 Mar 2015 7:57

Instrument :
BNA_G
ClientSampleId :
MW-5-3-24-15

Tgt Ion:	136	Resp:	230782
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.5	5.5	8.3
68	6.9	6.0	9.0

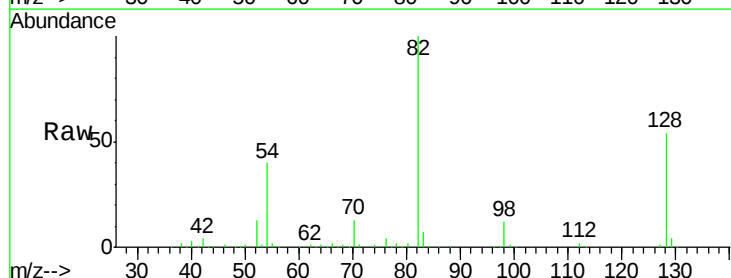


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

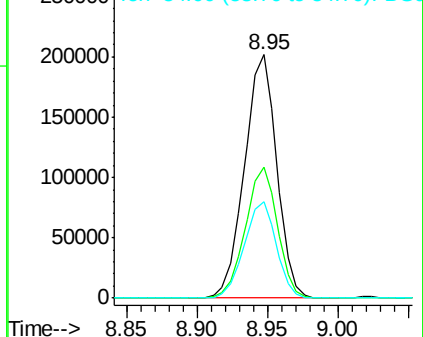
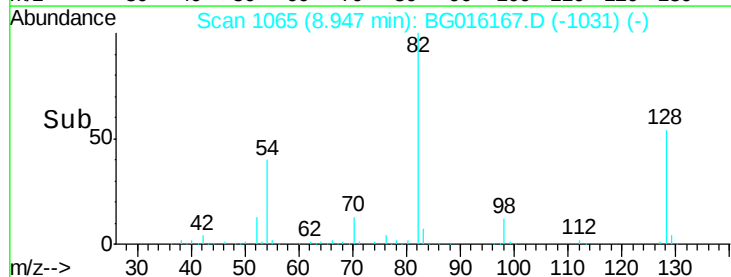


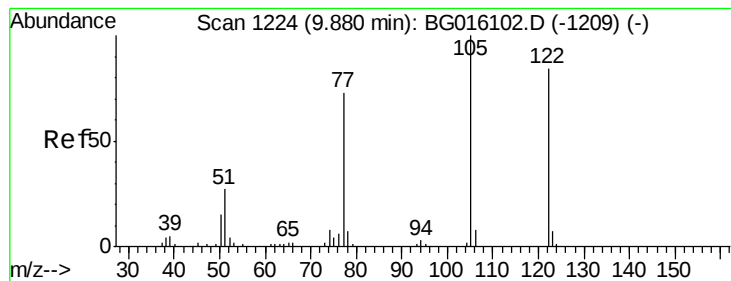
#23
Nitrobenzene-d5
Concen: 86.79 ng
RT: 8.95 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BG016167.D
Acq: 27 Mar 2015 7:57

Tgt Ion:	82	Resp:	323047
Ion	Ratio	Lower	Upper
82	100		
128	53.8	40.4	60.6
54	39.5	32.1	48.1



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





#32

Benzoic acid

Concen: 5.30 ng

RT: 10.01 min Scan# 1246

Delta R.T. 0.13 min

Lab File: BG016167.D

Acq: 27 Mar 2015 7:57

Instrument :

BNA_G

ClientSampleId :

MW-5-3-24-15

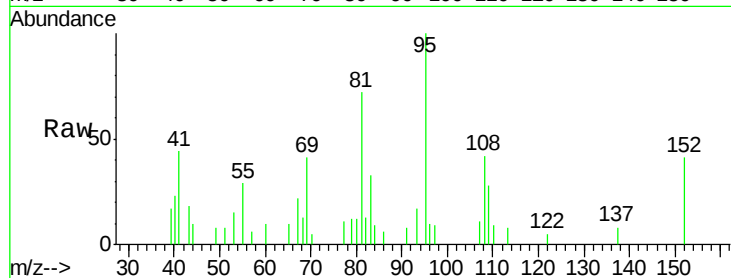
Tgt Ion:122 Resp: 55

Ion Ratio Lower Upper

122 100

105 0.0 97.2 137.2#

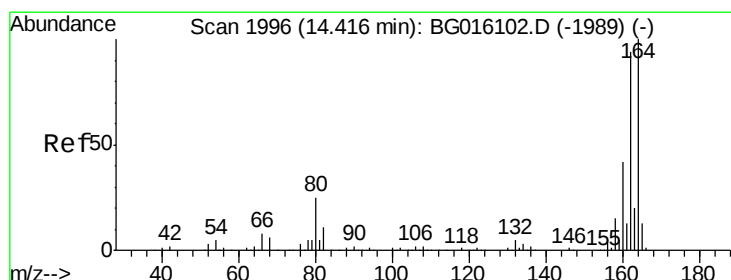
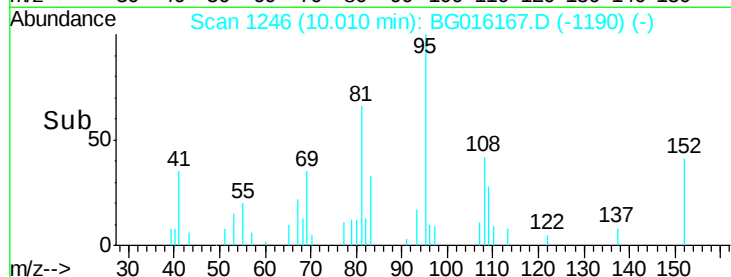
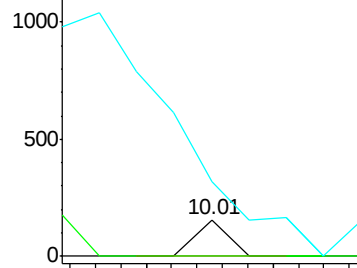
77 205.1 65.0 105.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.42 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BG016167.D

Acq: 27 Mar 2015 7:57

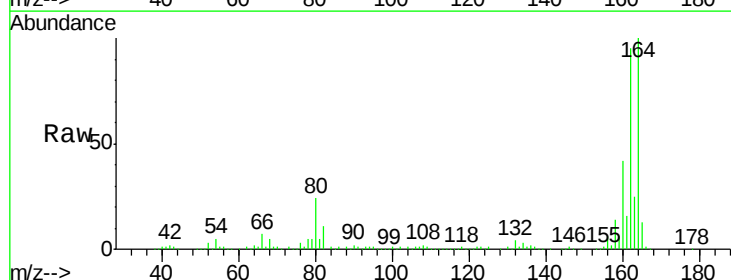
Tgt Ion:164 Resp: 143009

Ion Ratio Lower Upper

164 100

162 94.5 75.2 112.8

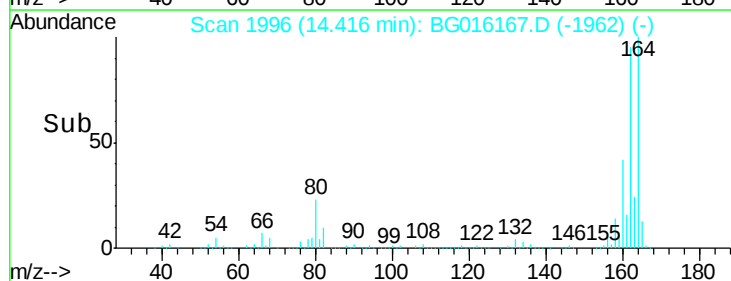
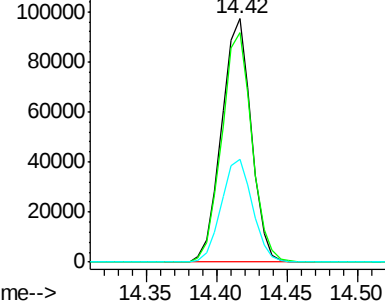
160 42.4 33.9 50.9

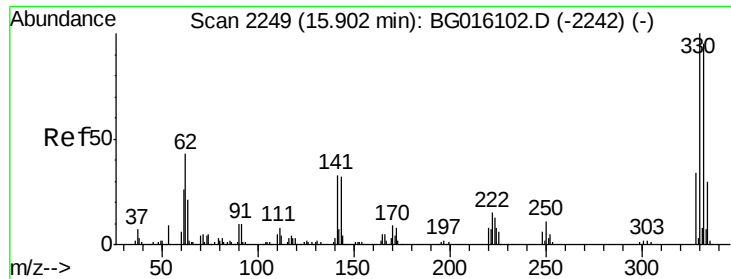


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

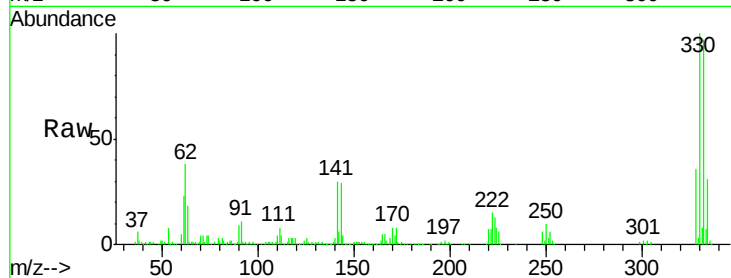




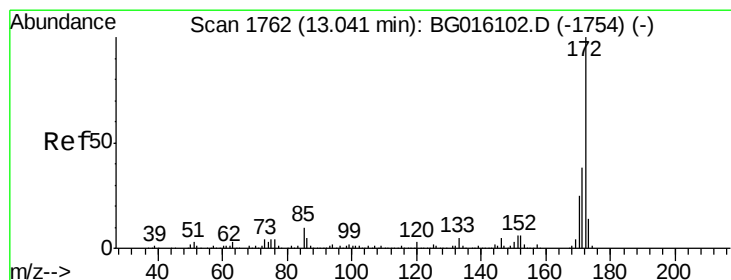
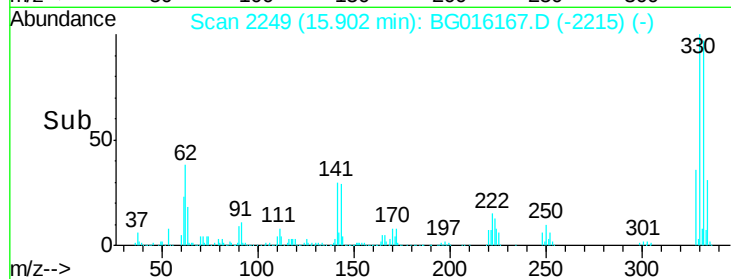
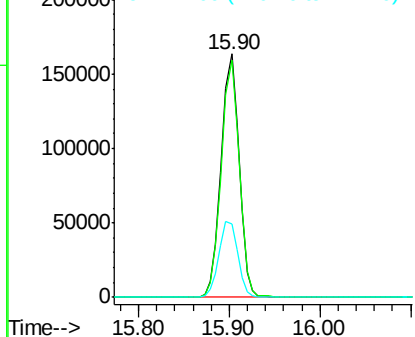
#41
 2,4,6-Tribromophenol
 Concen: 137.38 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. 0.00 min
 Lab File: BG016167.D
 Acq: 27 Mar 2015 7:57

Instrument :
 BNA_G
 ClientSampleId :
 MW-5-3-24-15

Tgt Ion:330 Resp: 225594
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 32.3 26.2 39.4

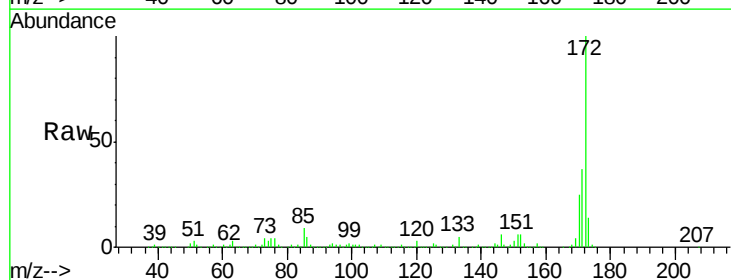


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

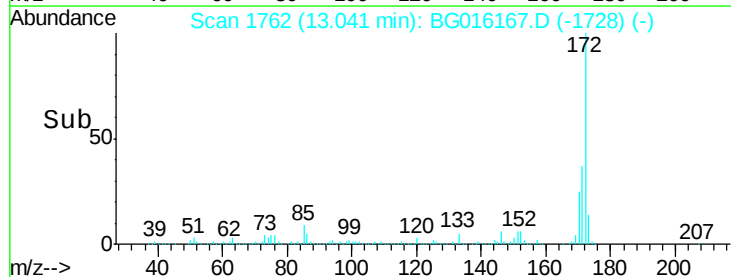
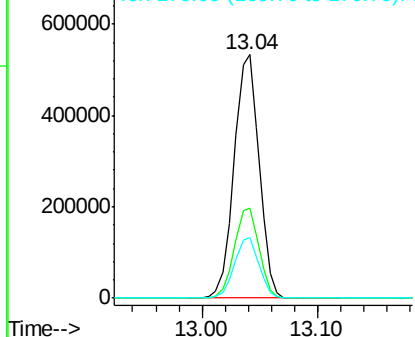


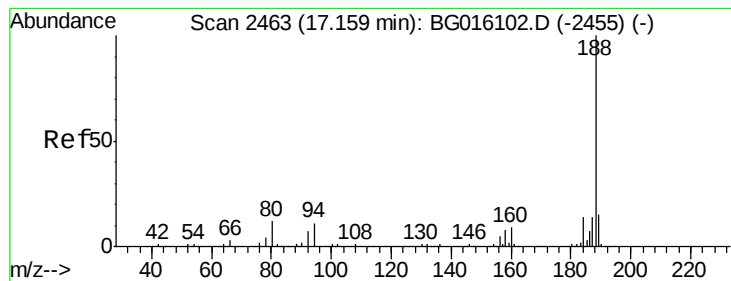
#44
 2-Fluorobiphenyl
 Concen: 93.09 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG016167.D
 Acq: 27 Mar 2015 7:57

Tgt Ion:172 Resp: 795313
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.3 45.5
 170 24.7 19.8 29.8



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: 17.15 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG016167.D

Acq: 27 Mar 2015 7:57

Instrument :

BNA_G

ClientSampleId :

MW-5-3-24-15

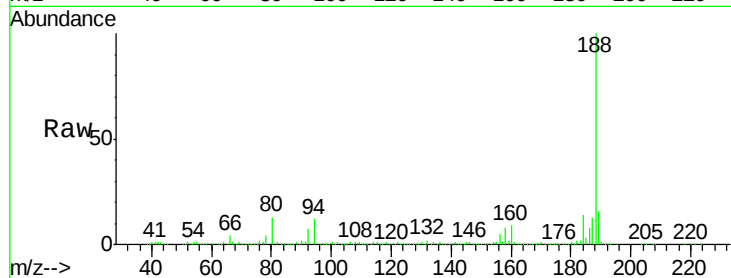
Tgt Ion:188 Resp: 295040

Ion Ratio Lower Upper

188 100

94 12.1 9.1 13.7

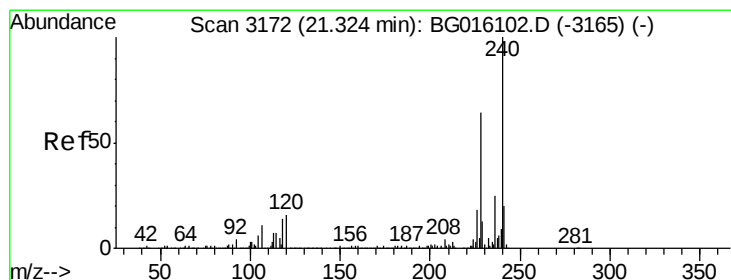
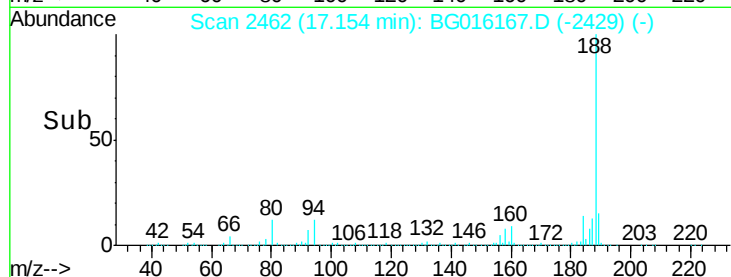
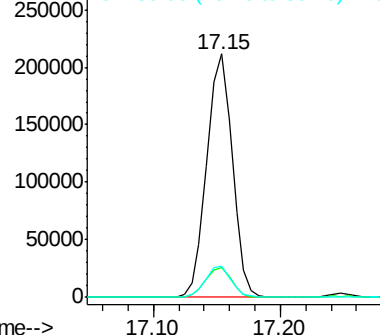
80 12.6 9.8 14.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3172

Delta R.T. 0.00 min

Lab File: BG016167.D

Acq: 27 Mar 2015 7:57

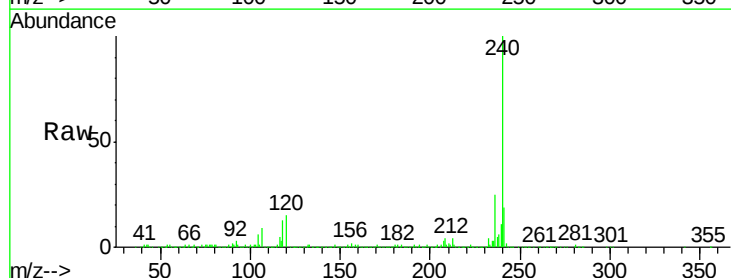
Tgt Ion:240 Resp: 291641

Ion Ratio Lower Upper

240 100

120 14.9 13.0 19.4

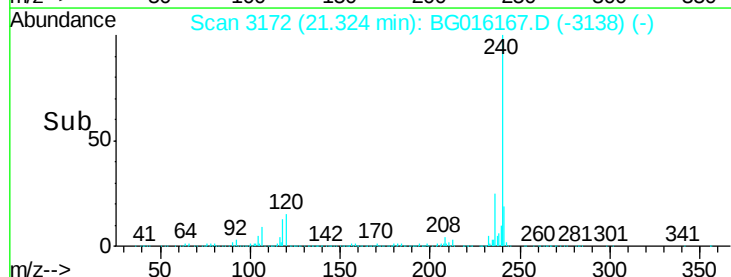
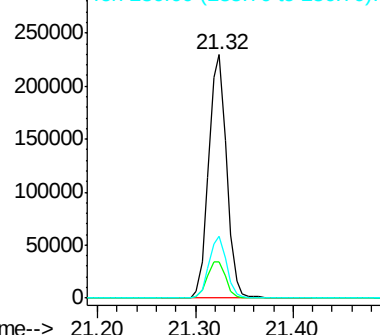
236 25.3 20.2 30.2

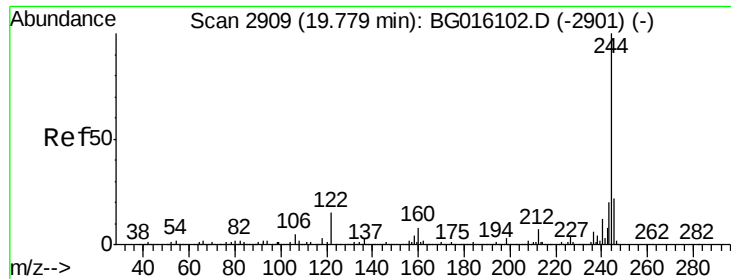


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.22 ng

RT: 19.77 min Scan# 2908

Delta R.T. -0.00 min

Lab File: BG016167.D

Acq: 27 Mar 2015 7:57

Instrument :

BNA_G

ClientSampled :

MW-5-3-24-15

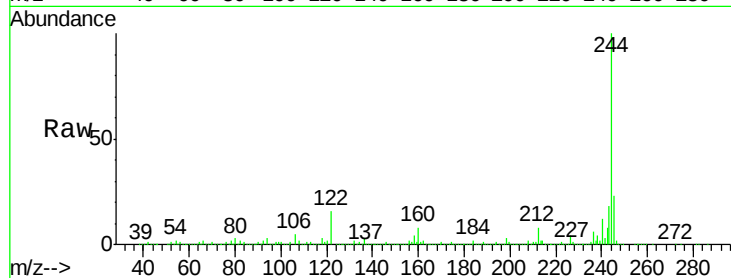
Tgt Ion:244 Resp: 1079540

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

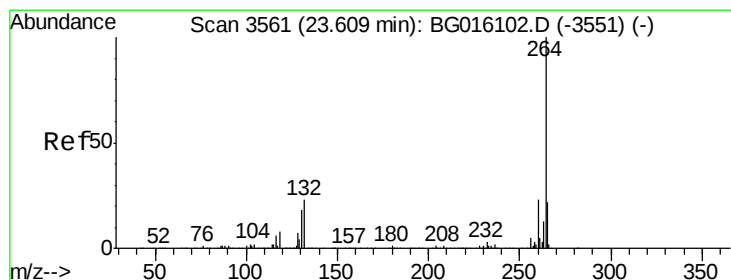
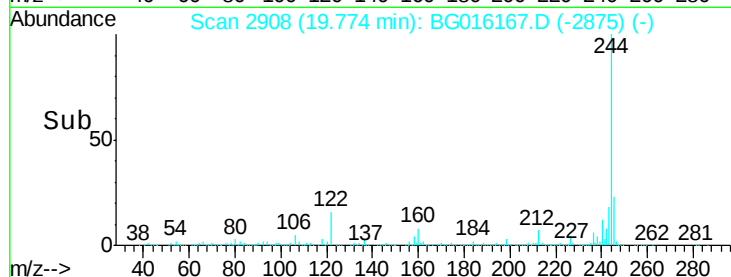
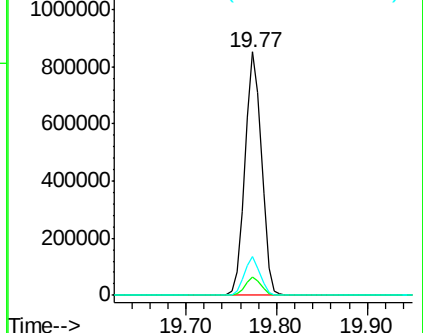
122 15.8 12.2 18.2



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: 23.61 min Scan# 3561

Delta R.T. 0.00 min

Lab File: BG016167.D

Acq: 27 Mar 2015 7:57

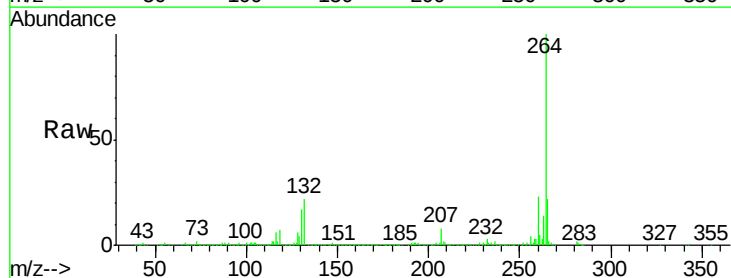
Tgt Ion:264 Resp: 289290

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 21.8 17.3 25.9



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

