

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017671.D
 Acq On : 13 Jun 2015 12:27
 Operator : TP/IZ
 Sample : G2627-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Quant Time: Jun 15 05:25:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:22:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	17674	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	64857	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	52166	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	147519	20.00	ng	0.00
75) Chrysene-d12	21.16	240	221503	20.00	ng	0.00
86) Perylene-d12	23.36	264	218887	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	58234	63.81	ng	0.00
7) Phenol-d6	6.73	99	49643	37.13	ng	0.00
23) Nitrobenzene-d5	8.69	82	149500	96.76	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	146976	163.22	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	369845	98.06	ng	0.00
78) Terphenyl-d14	19.61	244	1024235	96.46	ng	0.00

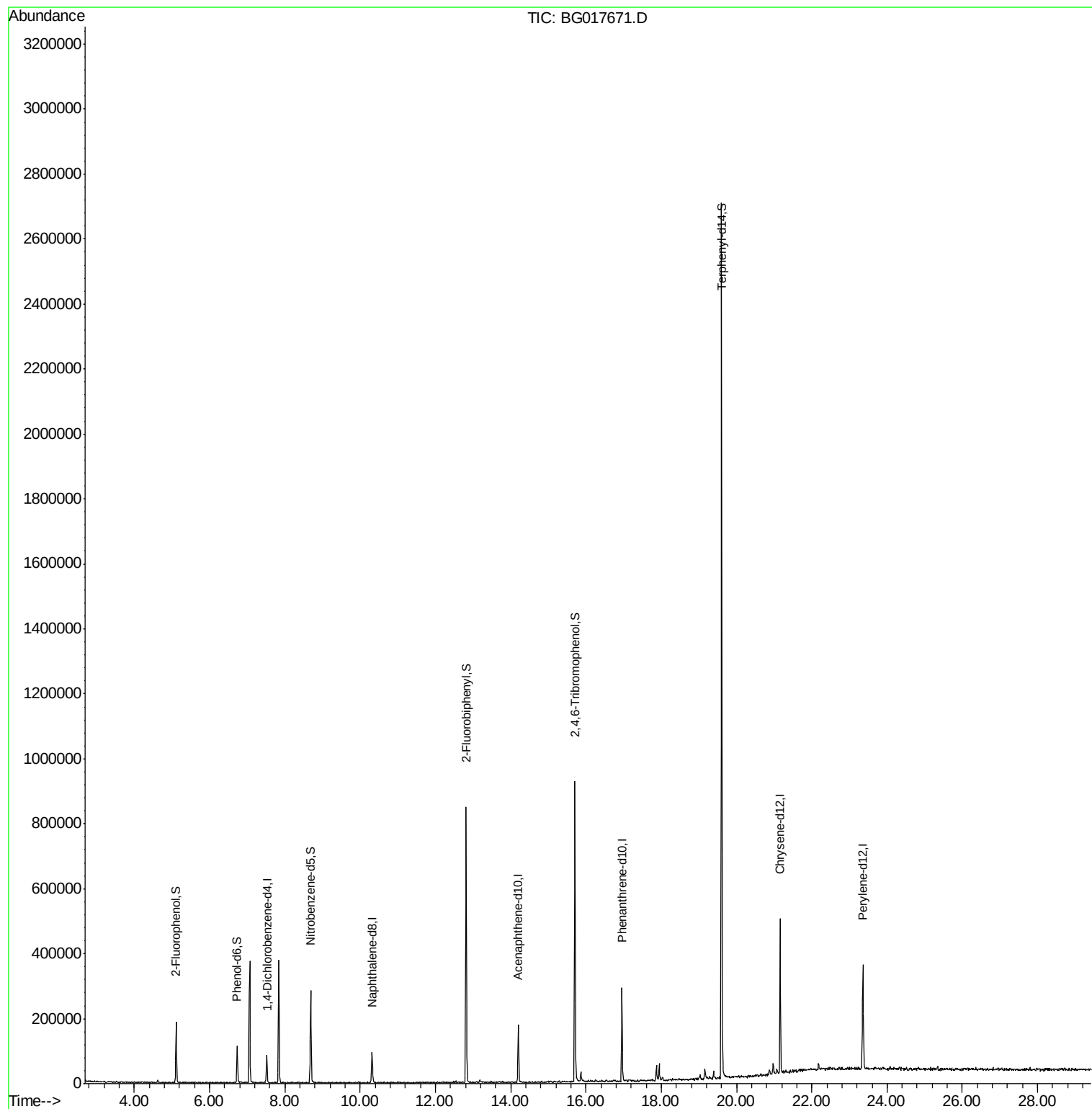
Target Compounds	Qvalue
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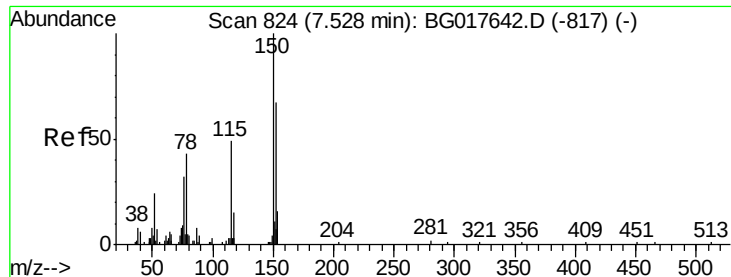
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.53 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG017671.D

Acq: 13 Jun 2015 12:27

Instrument :

BNA_G

ClientSampleId :

MW-13

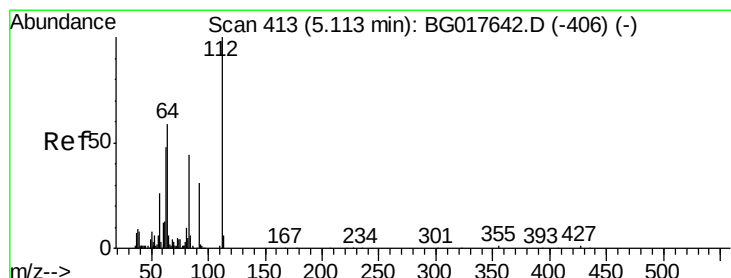
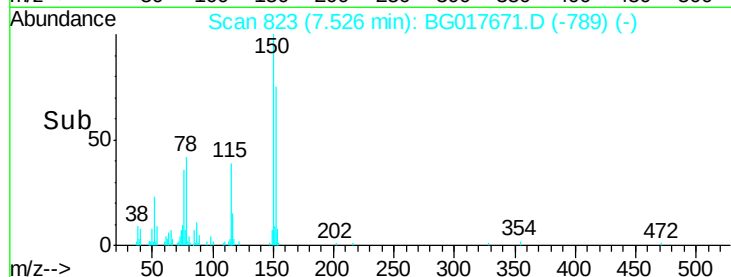
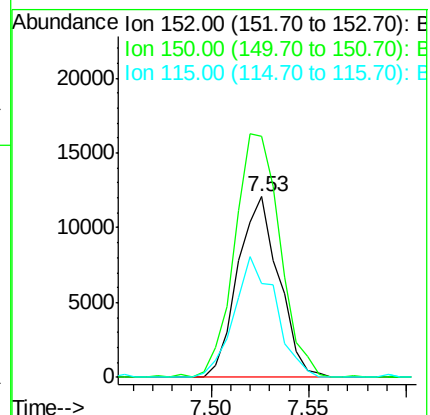
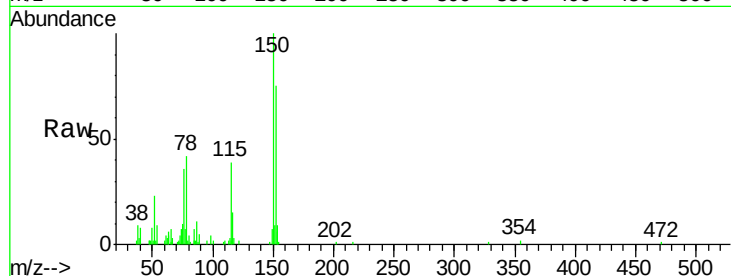
Tgt Ion:152 Resp: 17674

Ion Ratio Lower Upper

152 100

150 133.5 119.4 179.0

115 52.0 58.2 87.2#



#5

2-Fluorophenol

Concen: 63.81 ng

RT: 5.11 min Scan# 412

Delta R.T. -0.00 min

Lab File: BG017671.D

Acq: 13 Jun 2015 12:27

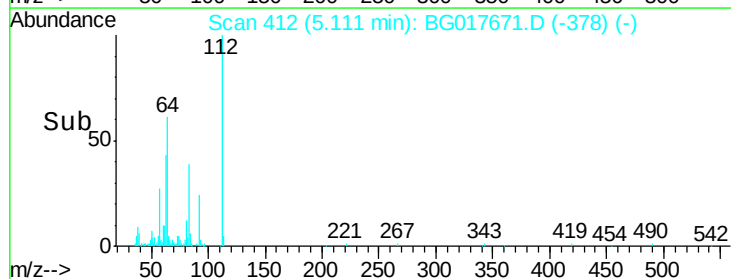
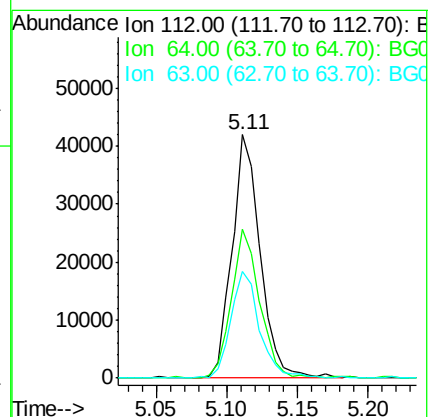
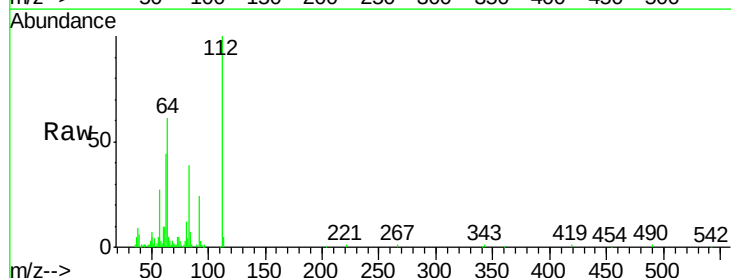
Tgt Ion:112 Resp: 58234

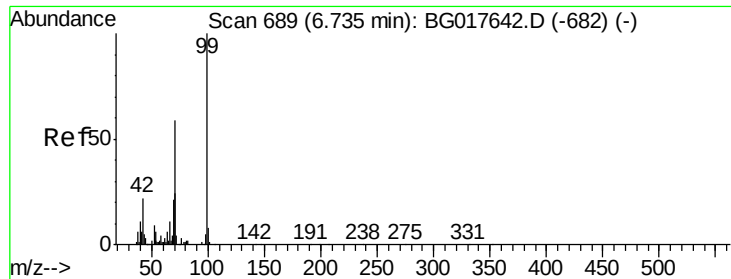
Ion Ratio Lower Upper

112 100

64 60.9 47.0 70.6

63 43.6 38.6 58.0





#7

Phenol-d6

Concen: 37.13 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG017671.D

Acq: 13 Jun 2015 12:27

Instrument :

BNA_G

ClientSampleId :

MW-13

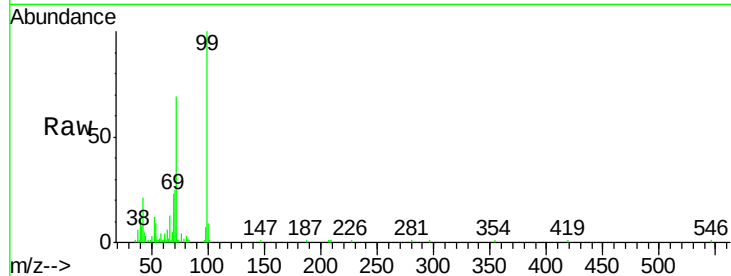
Tgt Ion: 99 Resp: 49643

Ion Ratio Lower Upper

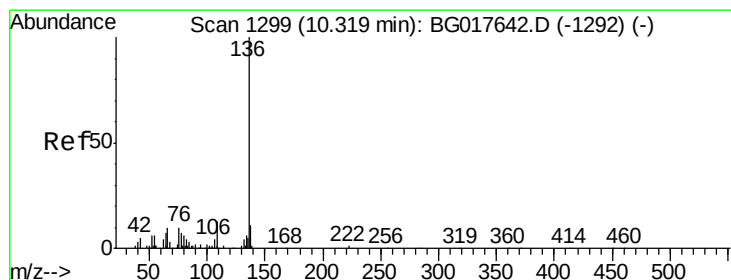
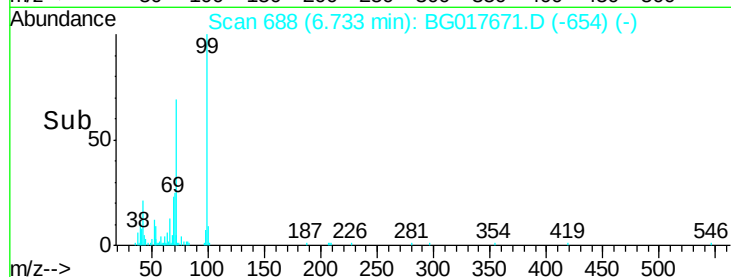
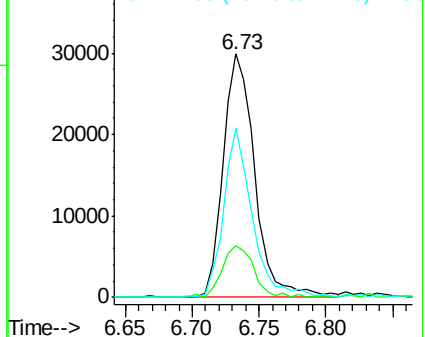
99 100

42 21.4 17.4 26.2

71 69.4 47.4 71.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG017671.D

Acq: 13 Jun 2015 12:27

Tgt Ion: 136 Resp: 64857

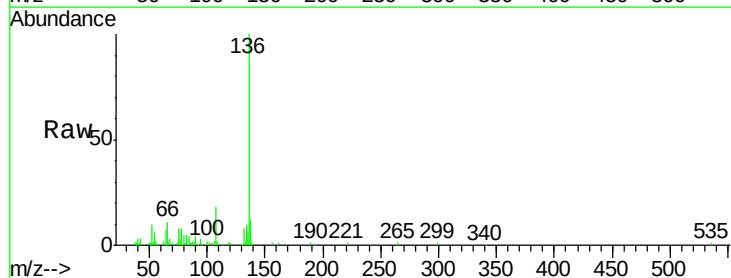
Ion Ratio Lower Upper

136 100

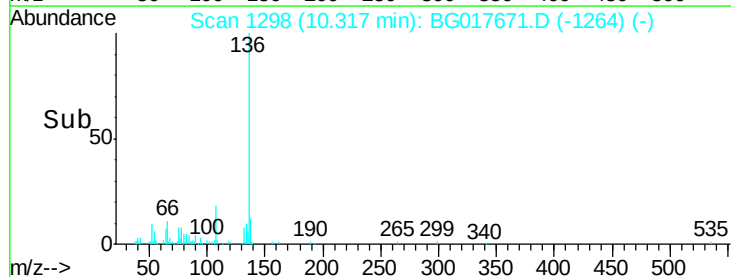
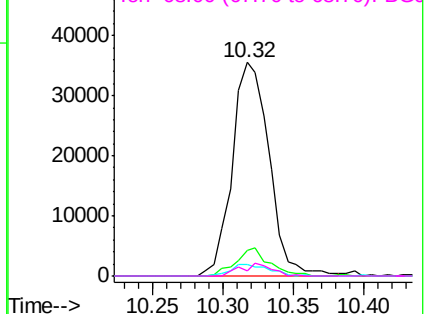
137 11.9 8.7 13.1

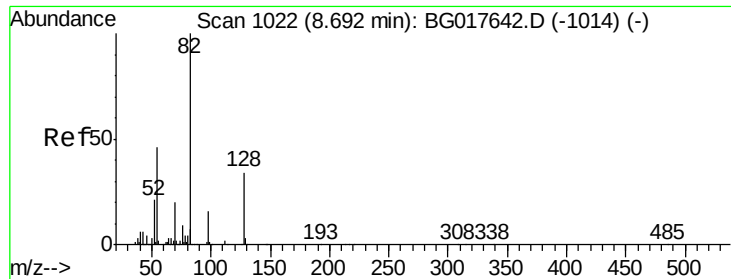
54 5.7 4.7 7.1

68 2.6 2.4 3.6



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

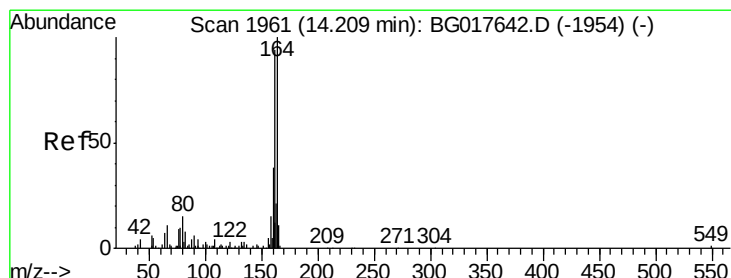
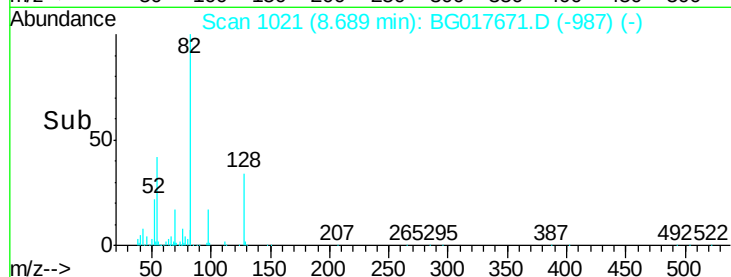
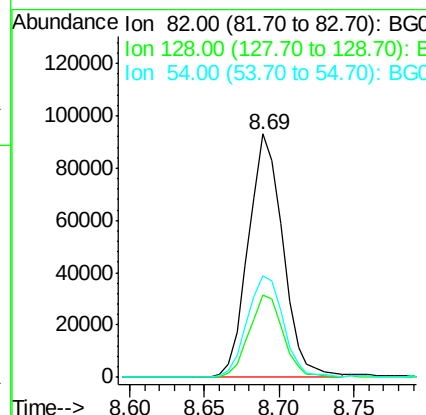
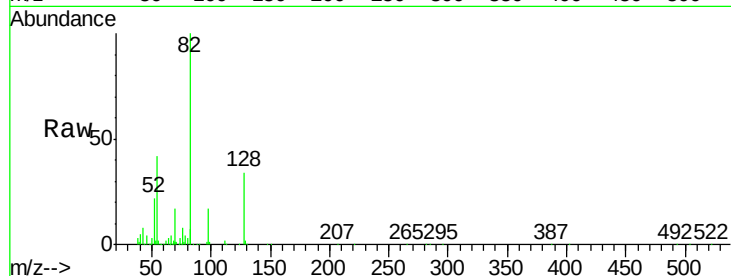




#23
 Nitrobenzene-d5
 Concen: 96.76 ng
 RT: 8.69 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG017671.D
 Acq: 13 Jun 2015 12:27

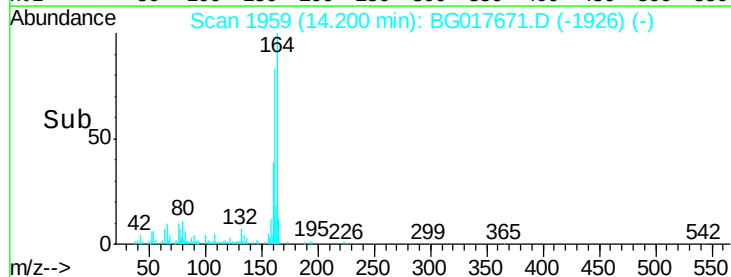
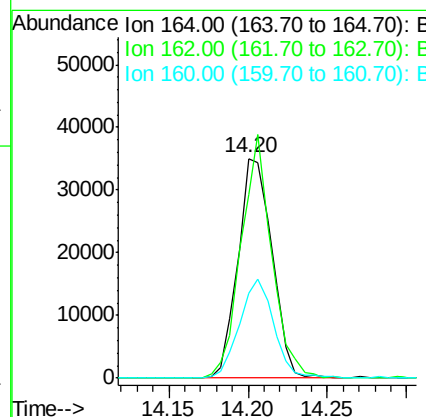
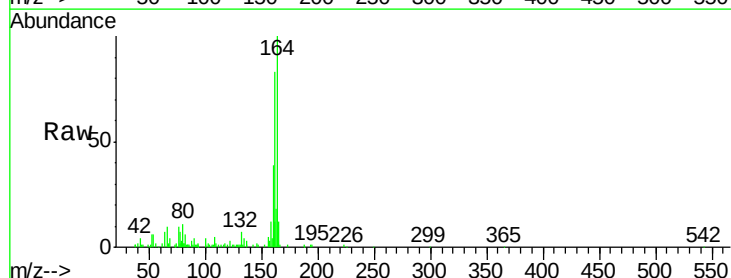
Instrument :
 BNA_G
 ClientSampleId :
 MW-13

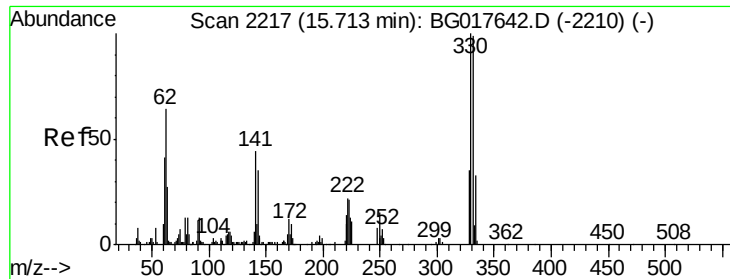
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.6	27.3	40.9
54	41.7	37.0	55.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG017671.D
 Acq: 13 Jun 2015 12:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	83.3	75.0	112.4
160	38.8	30.3	45.5

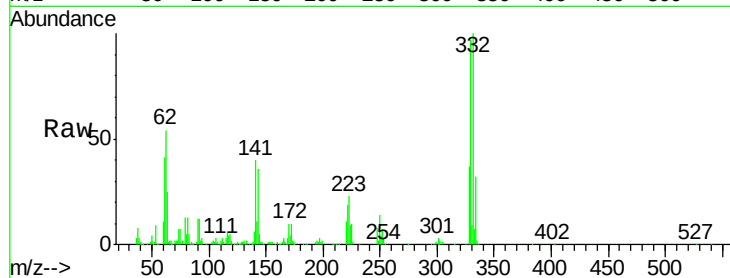




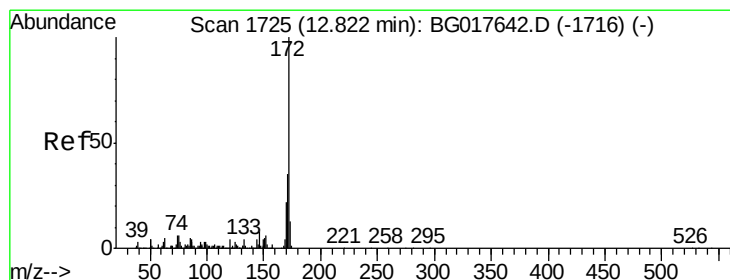
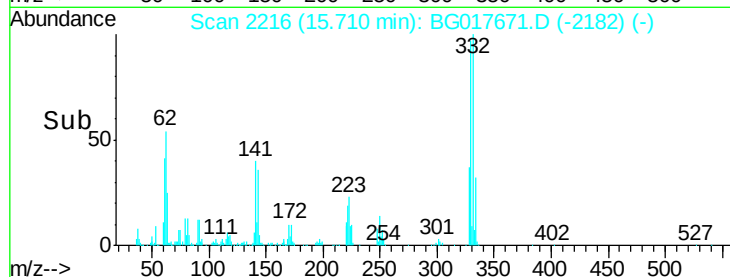
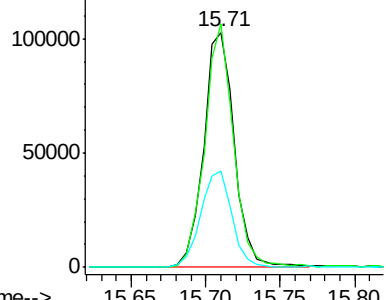
#41
 2,4,6-Tribromophenol
 Concen: 163.22 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG017671.D
 Acq: 13 Jun 2015 12:27

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	42.0	34.6	51.8

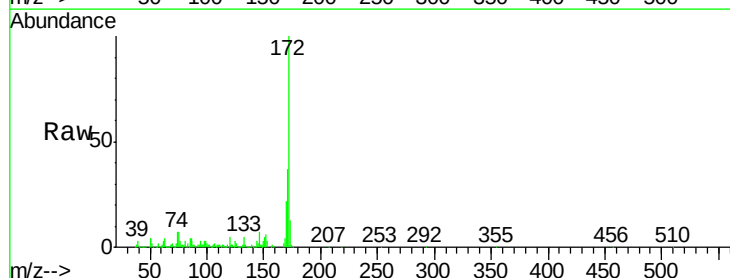


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

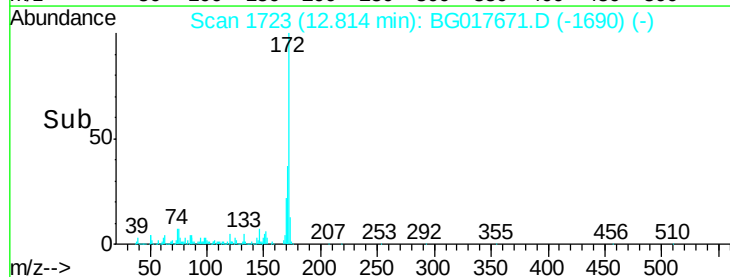
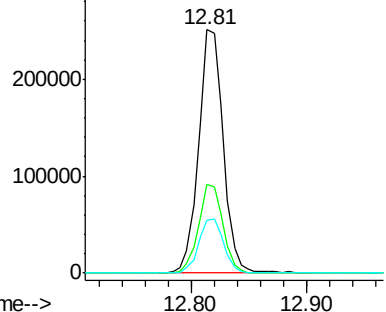


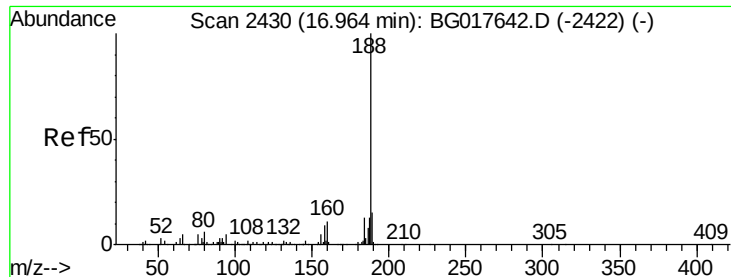
#44
 2-Fluorobiphenyl
 Concen: 98.06 ng
 RT: 12.81 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG017671.D
 Acq: 13 Jun 2015 12:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.2	42.2
170	21.6	17.4	26.2



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

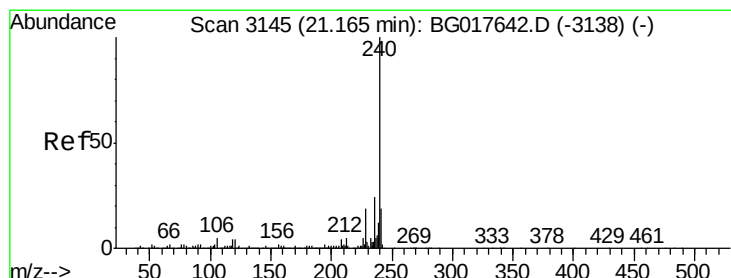
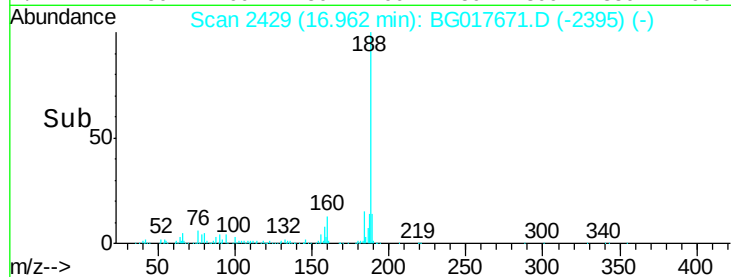
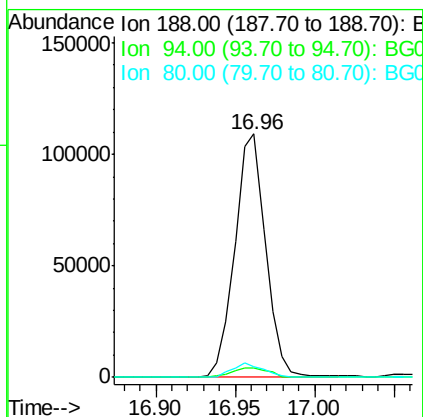
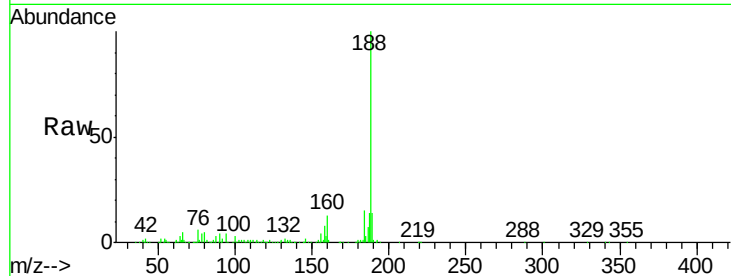




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG017671.D
Acq: 13 Jun 2015 12:27

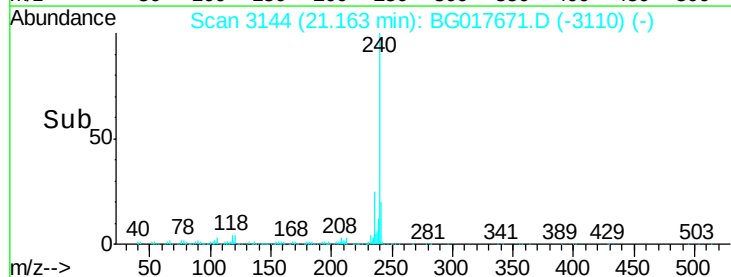
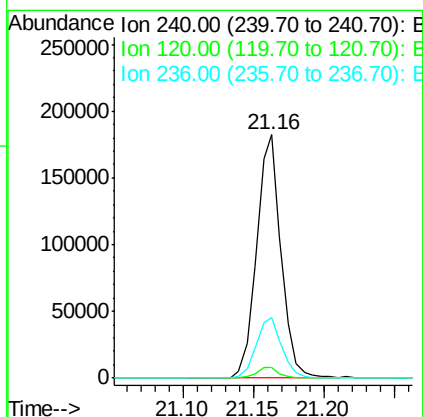
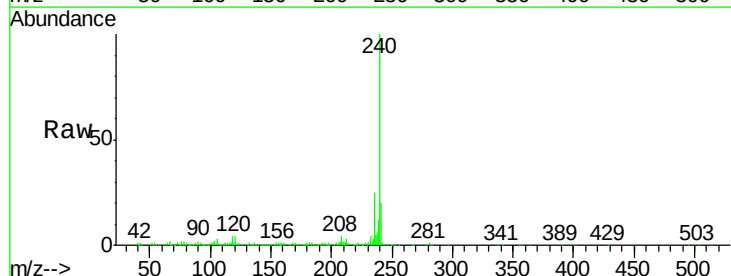
Instrument :
BNA_G
ClientSampleId :
MW-13

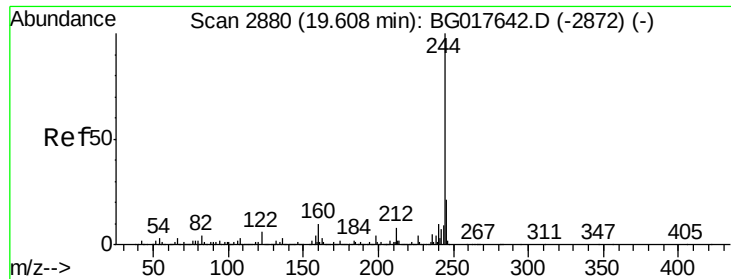
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.0	3.9	5.9
80	4.5	5.0	7.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG017671.D
Acq: 13 Jun 2015 12:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.5	5.3
236	24.8	19.5	29.3





#78

Terphenyl-d14

Concen: 96.46 ng

RT: 19.61 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017671.D

Acq: 13 Jun 2015 12:27

Instrument :

BNA_G

ClientSampled :

MW-13

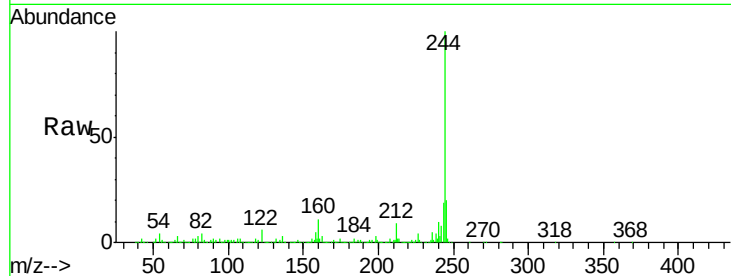
Tgt Ion:244 Resp: 1024235

Ion Ratio Lower Upper

244 100

212 9.3 6.3 9.5

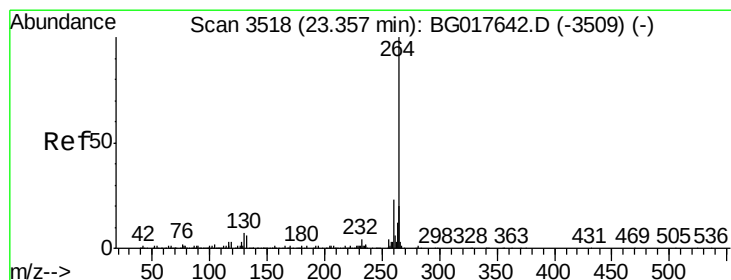
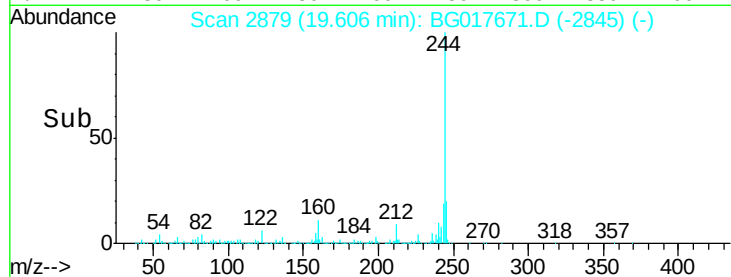
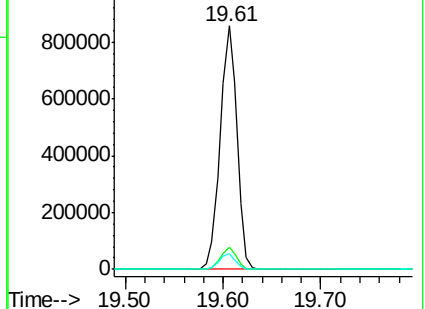
122 6.3 4.6 6.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.36 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG017671.D

Acq: 13 Jun 2015 12:27

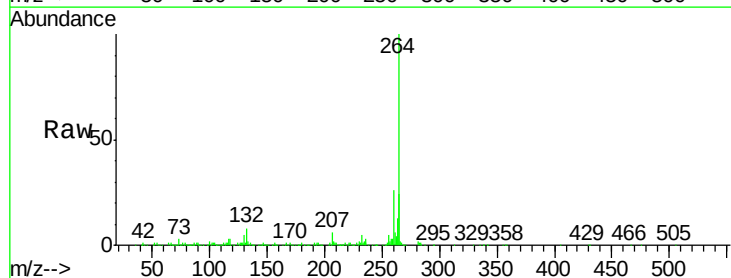
Tgt Ion:264 Resp: 218887

Ion Ratio Lower Upper

264 100

260 25.8 18.3 27.5

265 23.8 16.2 24.2



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

