

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017649.D
 Acq On : 12 Jun 2015 22:28
 Operator : TP/IZ
 Sample : G2627-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-27

Quant Time: Jun 13 03:28:36 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 00:03:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	17060	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	63434	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	48525	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	147813	20.00	ng	0.00
75) Chrysene-d12	21.17	240	216250	20.00	ng	0.00
86) Perylene-d12	23.36	264	212439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	16023	16.75	ng	0.00
7) Phenol-d6	6.74	99	19744	15.04	ng	0.00
23) Nitrobenzene-d5	8.69	82	16940	13.02	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	17668	25.25	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	50818	15.60	ng	0.00
78) Terphenyl-d14	19.60	244	152241	14.52	ng	0.00

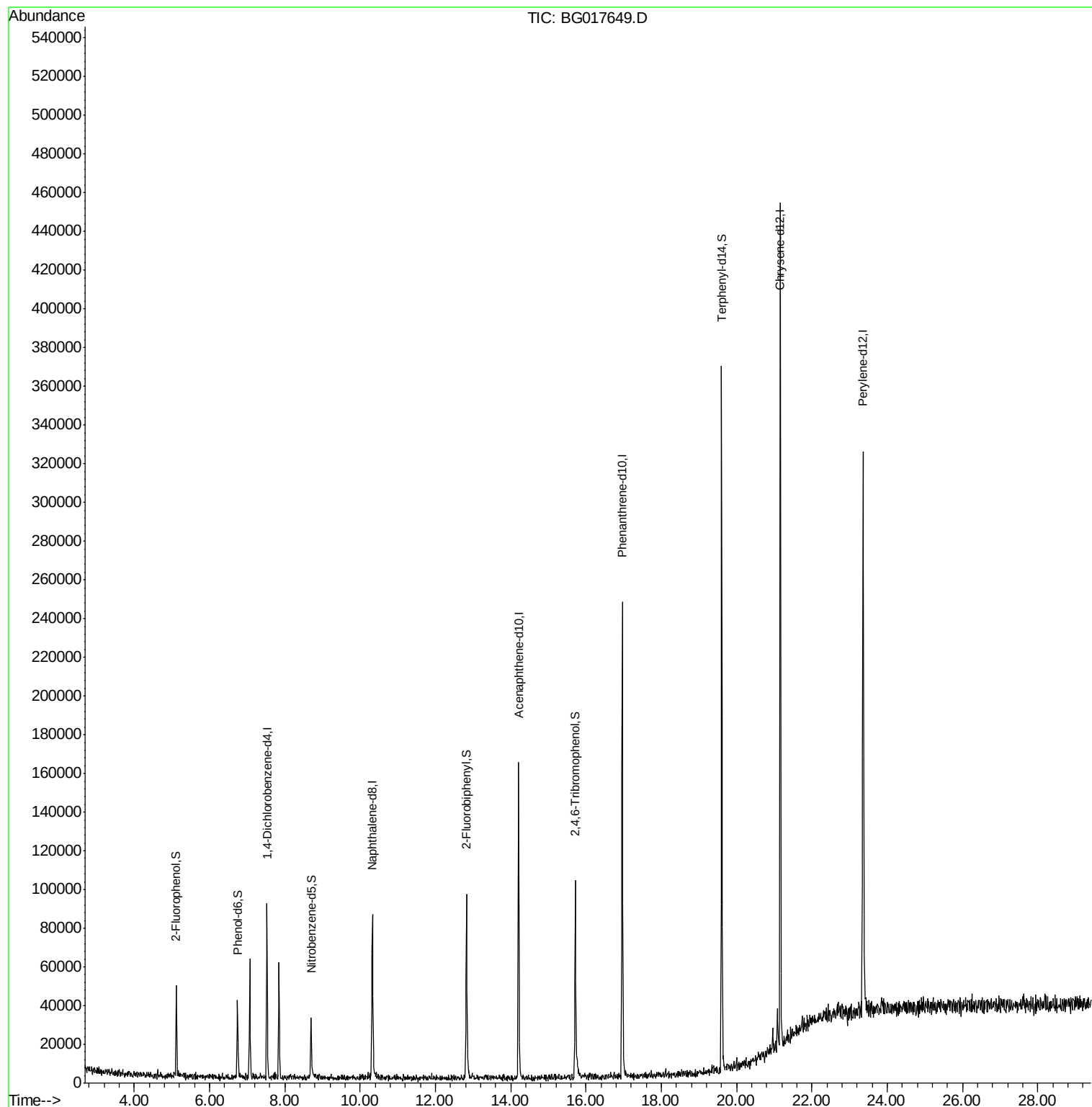
Target Compounds	Qvalue
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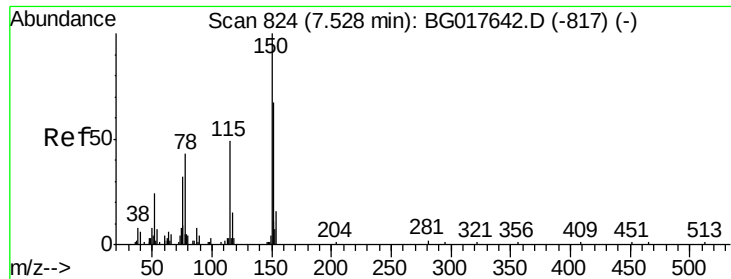
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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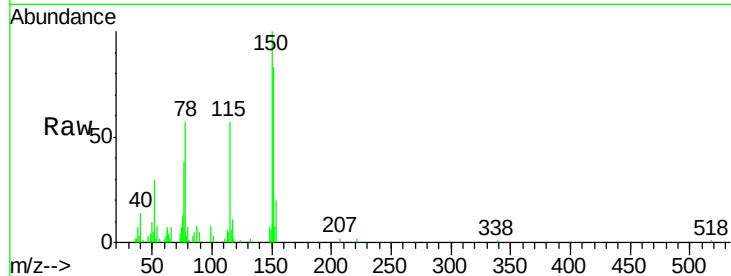


#1

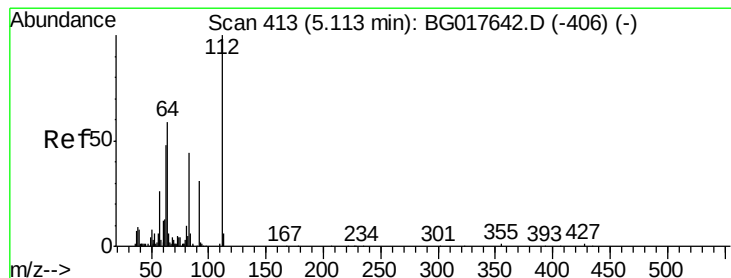
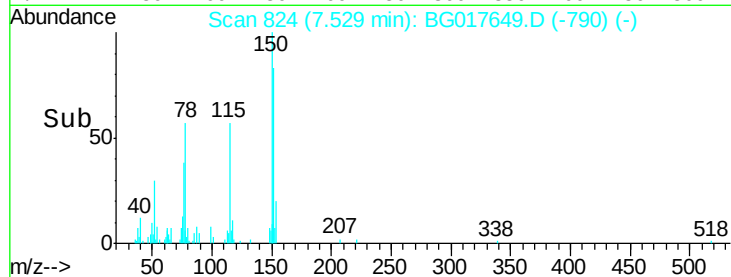
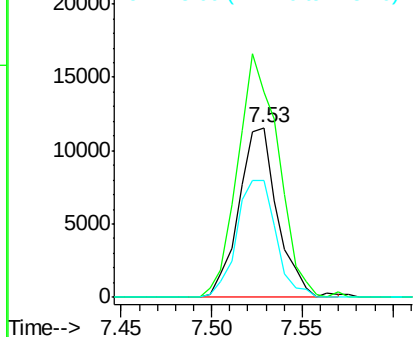
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.53 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG017649.D
Acq: 12 Jun 2015 22:28

Instrument :
BNA_G
ClientSampleId :
MW-27

Tgt Ion:152 Resp: 17060
Ion Ratio Lower Upper
152 100
150 120.8 119.4 179.0
115 68.8 58.2 87.2



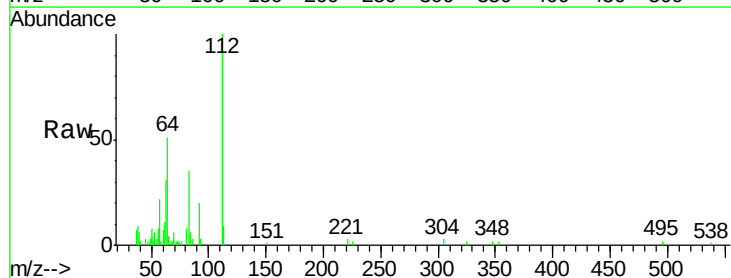
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



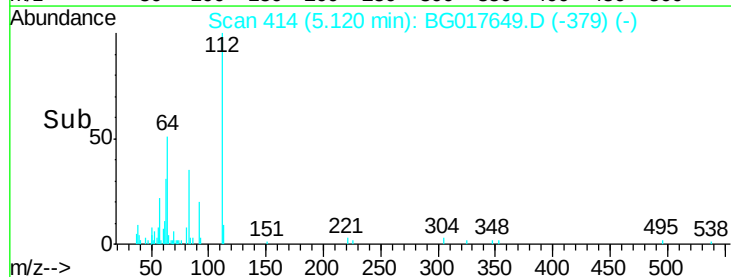
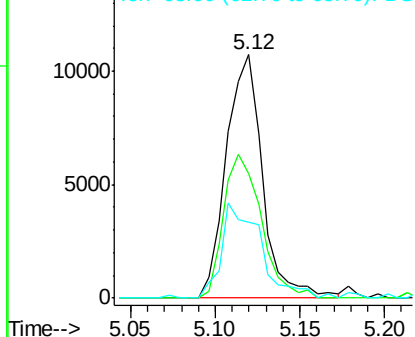
#5

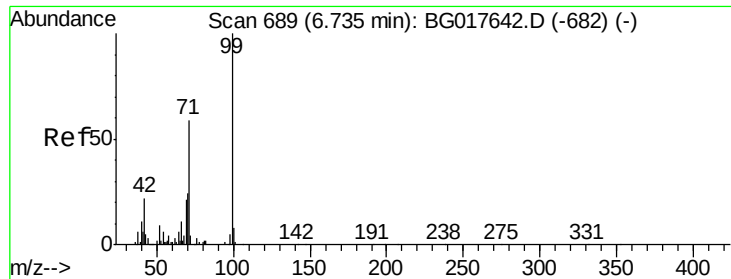
2-Fluorophenol
Concen: 16.75 ng
RT: 5.12 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG017649.D
Acq: 12 Jun 2015 22:28

Tgt Ion:112 Resp: 16023
Ion Ratio Lower Upper
112 100
64 51.3 47.0 70.6
63 31.0 38.6 58.0#



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: 15.04 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017649.D

Acq: 12 Jun 2015 22:28

Instrument :

BNA_G

ClientSampleId :

MW-27

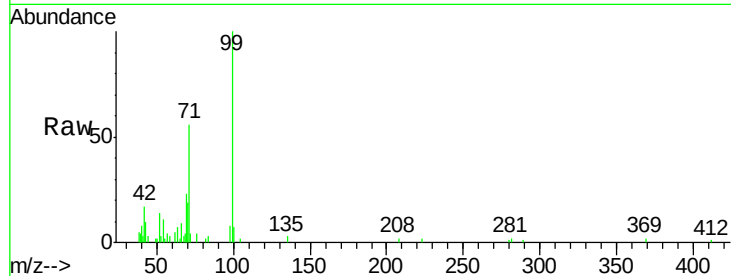
Tgt Ion: 99 Resp: 19744

Ion Ratio Lower Upper

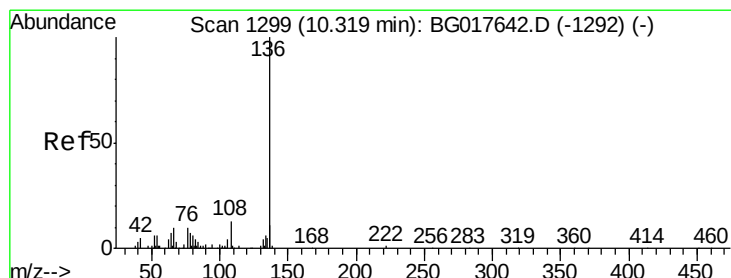
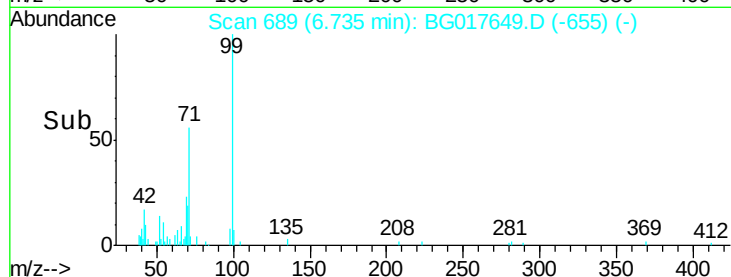
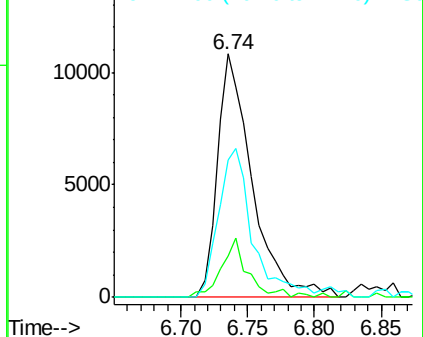
99 100

42 17.1 17.4 26.2#

71 56.2 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# 1299

Delta R.T. 0.00 min

Lab File: BG017649.D

Acq: 12 Jun 2015 22:28

Tgt Ion: 136 Resp: 63434

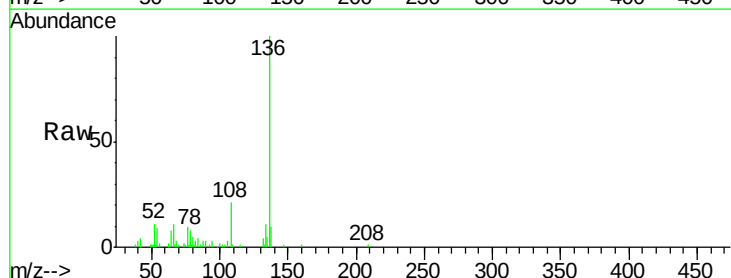
Ion Ratio Lower Upper

136 100

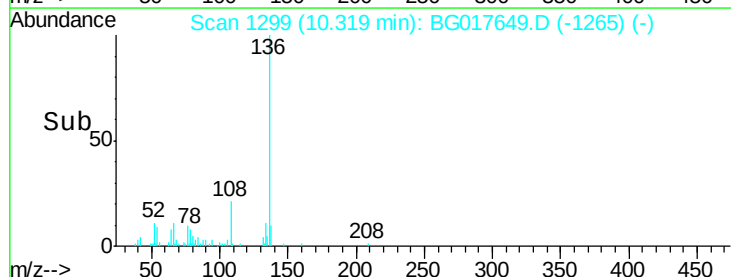
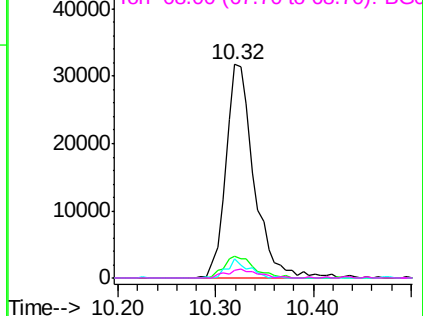
137 10.1 8.7 13.1

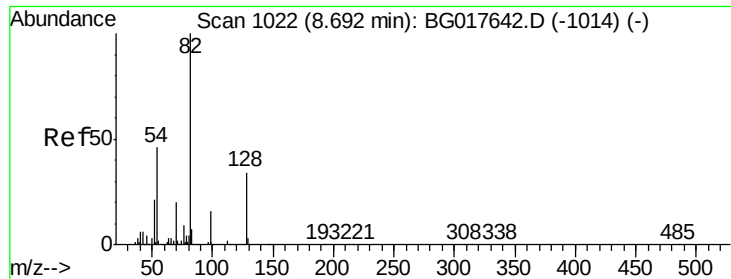
54 8.7 4.7 7.1#

68 3.4 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

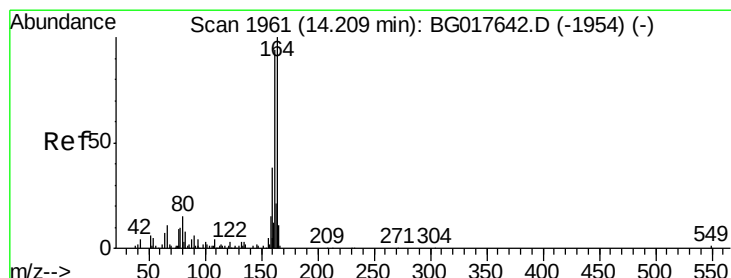
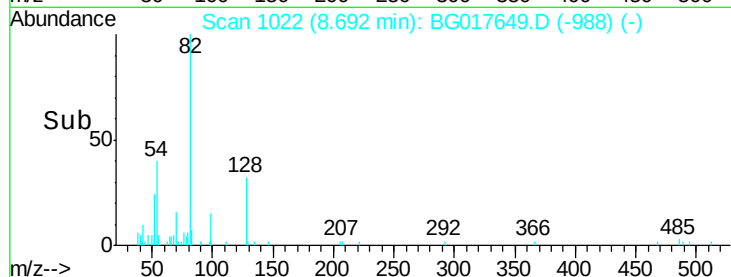
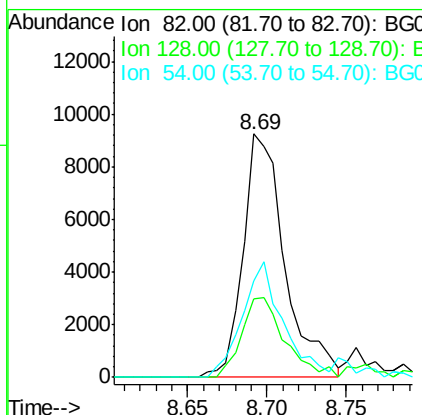
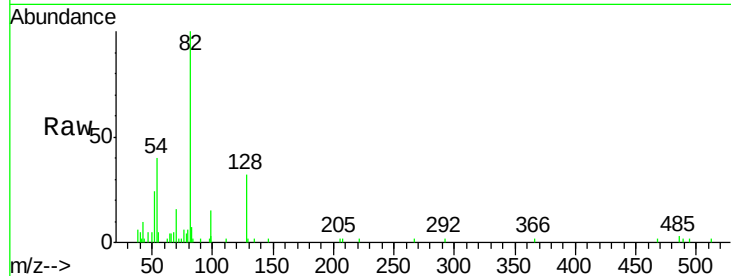




#23
 Nitrobenzene-d5
 Concen: 13.02 ng
 RT: 8.69 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG017649.D
 Acq: 12 Jun 2015 22:28

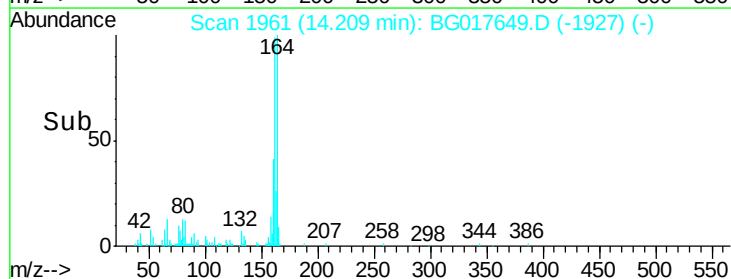
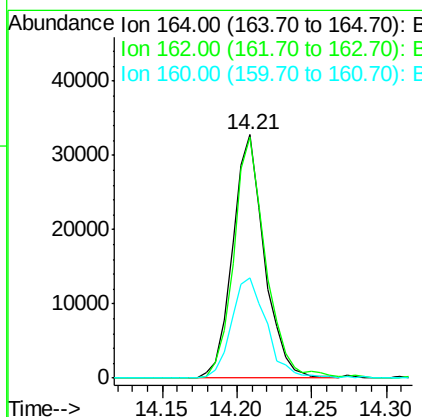
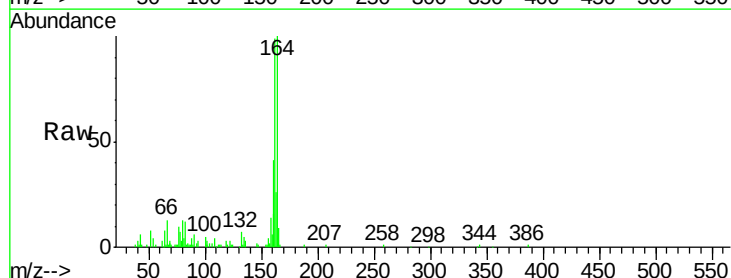
Instrument :
 BNA_G
 ClientSampleId :
 MW-27

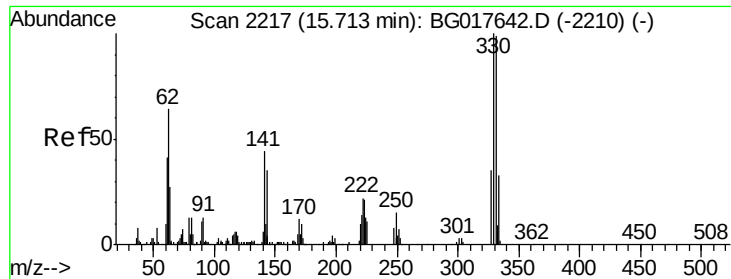
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.4	27.3	40.9
54	39.8	37.0	55.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.21 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BG017649.D
 Acq: 12 Jun 2015 22:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	75.0	112.4
160	41.3	30.3	45.5

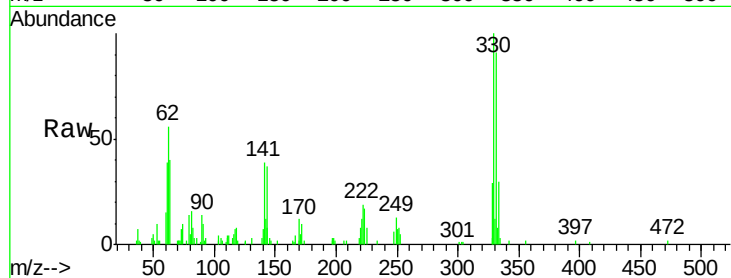




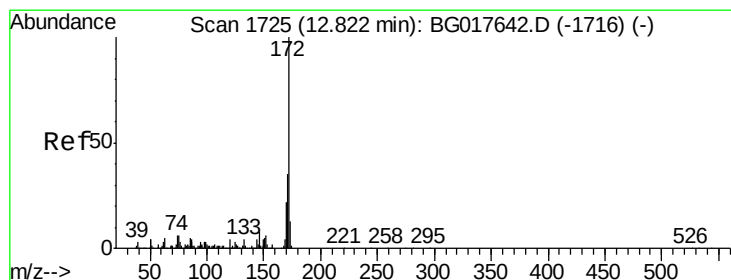
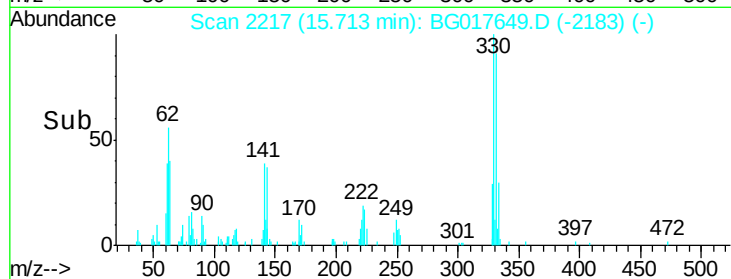
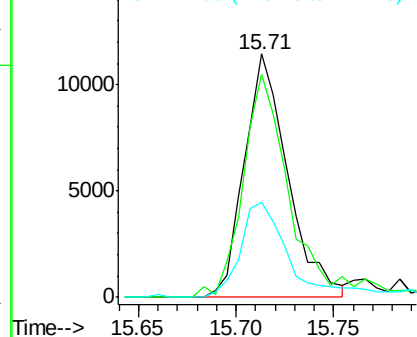
#41
 2,4,6-Tribromophenol
 Concen: 25.25 ng
 RT: 15.71 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG017649.D
 Acq: 12 Jun 2015 22:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-27

Tgt Ion:330 Resp: 17668
 Ion Ratio Lower Upper
 330 100
 332 99.5 76.6 114.8
 141 45.1 34.6 51.8

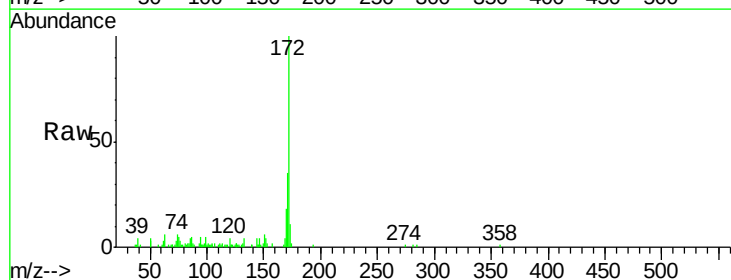


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

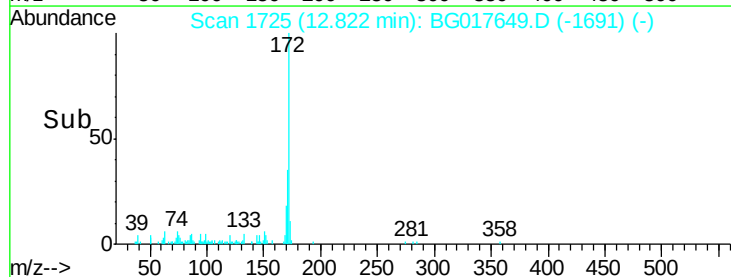
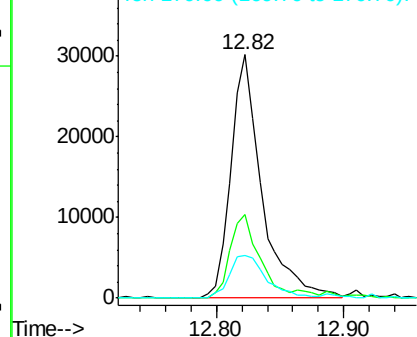


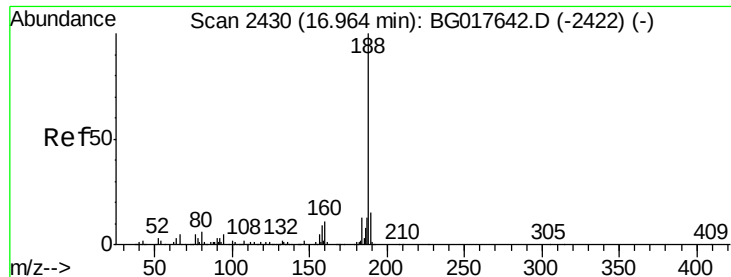
#44
 2-Fluorobiphenyl
 Concen: 15.60 ng
 RT: 12.82 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG017649.D
 Acq: 12 Jun 2015 22:28

Tgt Ion:172 Resp: 50818
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.2 42.2
 170 17.8 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. -0.01 min

Lab File: BG017649.D

Acq: 12 Jun 2015 22:28

Instrument :

BNA_G

ClientSampleId :

MW-27

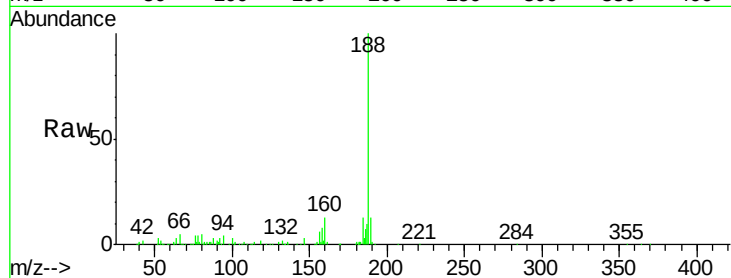
Tgt Ion:188 Resp: 147813

Ion Ratio Lower Upper

188 100

94 4.2 3.9 5.9

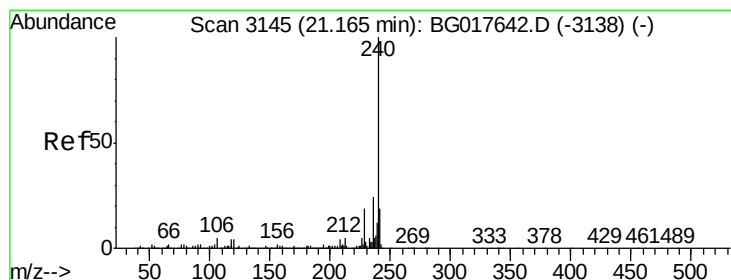
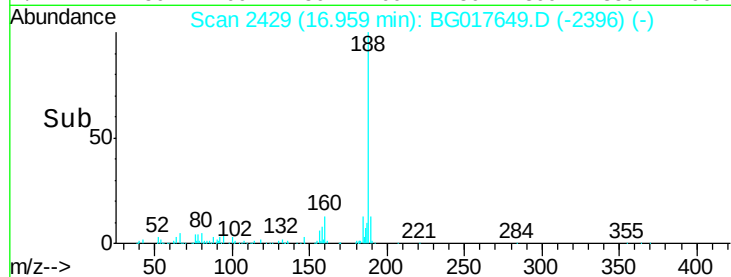
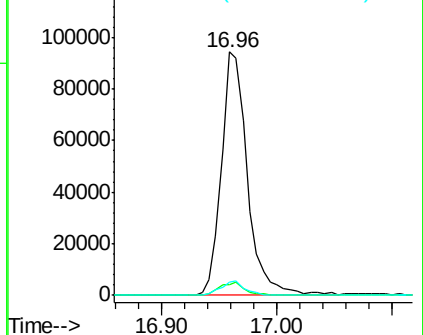
80 5.2 5.0 7.6



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: 21.17 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG017649.D

Acq: 12 Jun 2015 22:28

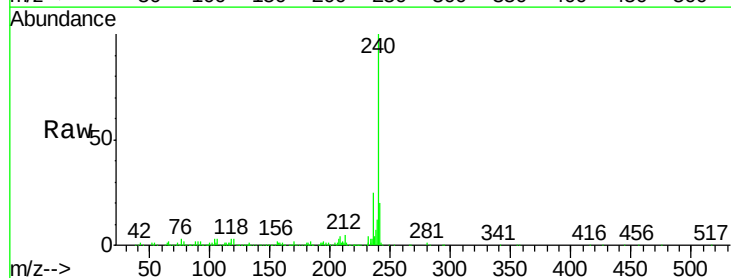
Tgt Ion:240 Resp: 216250

Ion Ratio Lower Upper

240 100

120 3.4 3.5 5.3#

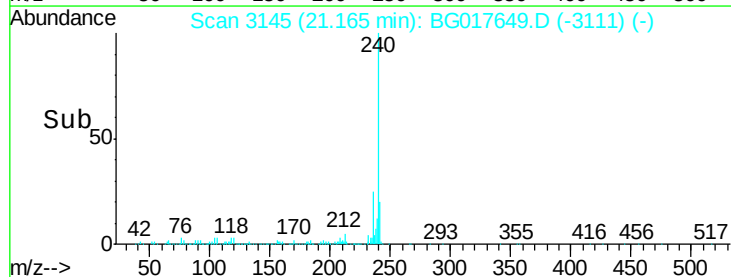
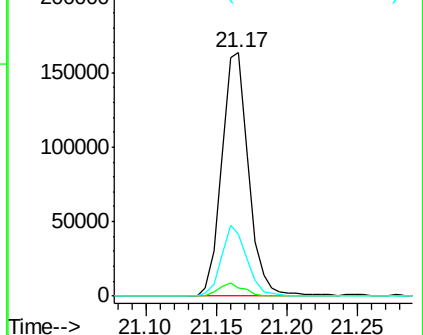
236 25.2 19.5 29.3

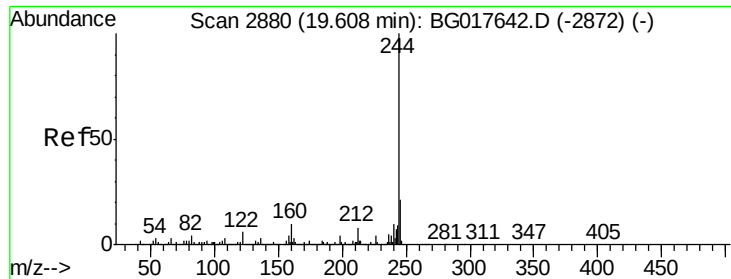


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 14.52 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG017649.D

Acq: 12 Jun 2015 22:28

Instrument :

BNA_G

ClientSampleId :

MW-27

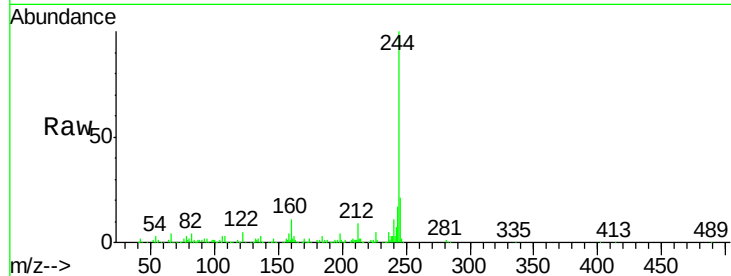
Tgt Ion:244 Resp: 152241

Ion Ratio Lower Upper

244 100

212 9.2 6.3 9.5

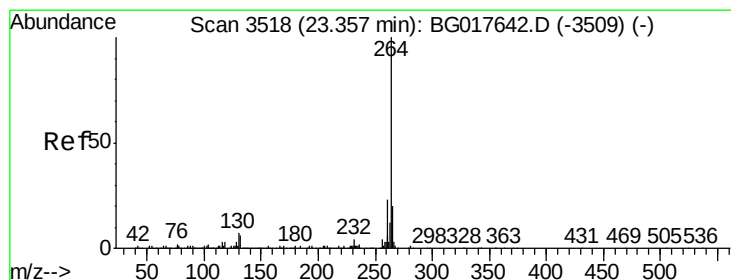
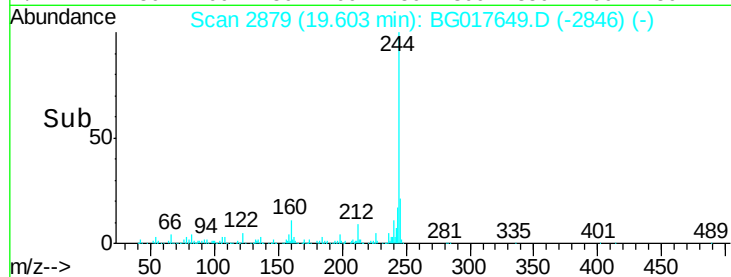
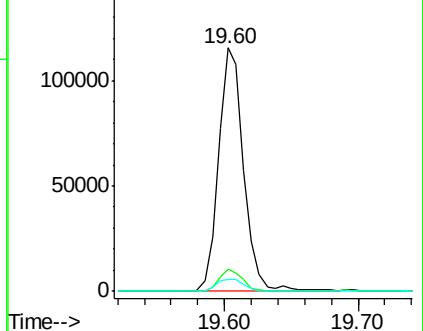
122 5.0 4.6 6.8



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# 3519

Delta R.T. 0.01 min

Lab File: BG017649.D

Acq: 12 Jun 2015 22:28

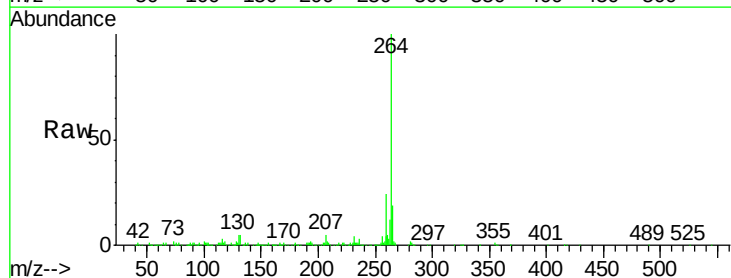
Tgt Ion:264 Resp: 212439

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 19.1 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

