

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022624.D
 Acq On : 27 Jun 2016 00:44
 Operator : UM/SJ
 Sample : H3741-01
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-07

Quant Time: Jun 27 03:30:48 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	170161	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	705978	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	475665	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1129002	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1308825	20.00	ng	0.00
86) Perylene-d12	25.22	264	1342243	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	603021	56.84	ng	0.00
7) Phenol-d6	7.31	99	590044	39.46	ng	0.00
23) Nitrobenzene-d5	9.33	82	1389382	83.29	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	1031526	137.88	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2542877	84.78	ng	0.00
78) Terphenyl-d14	20.16	244	3223322	65.25	ng	0.00

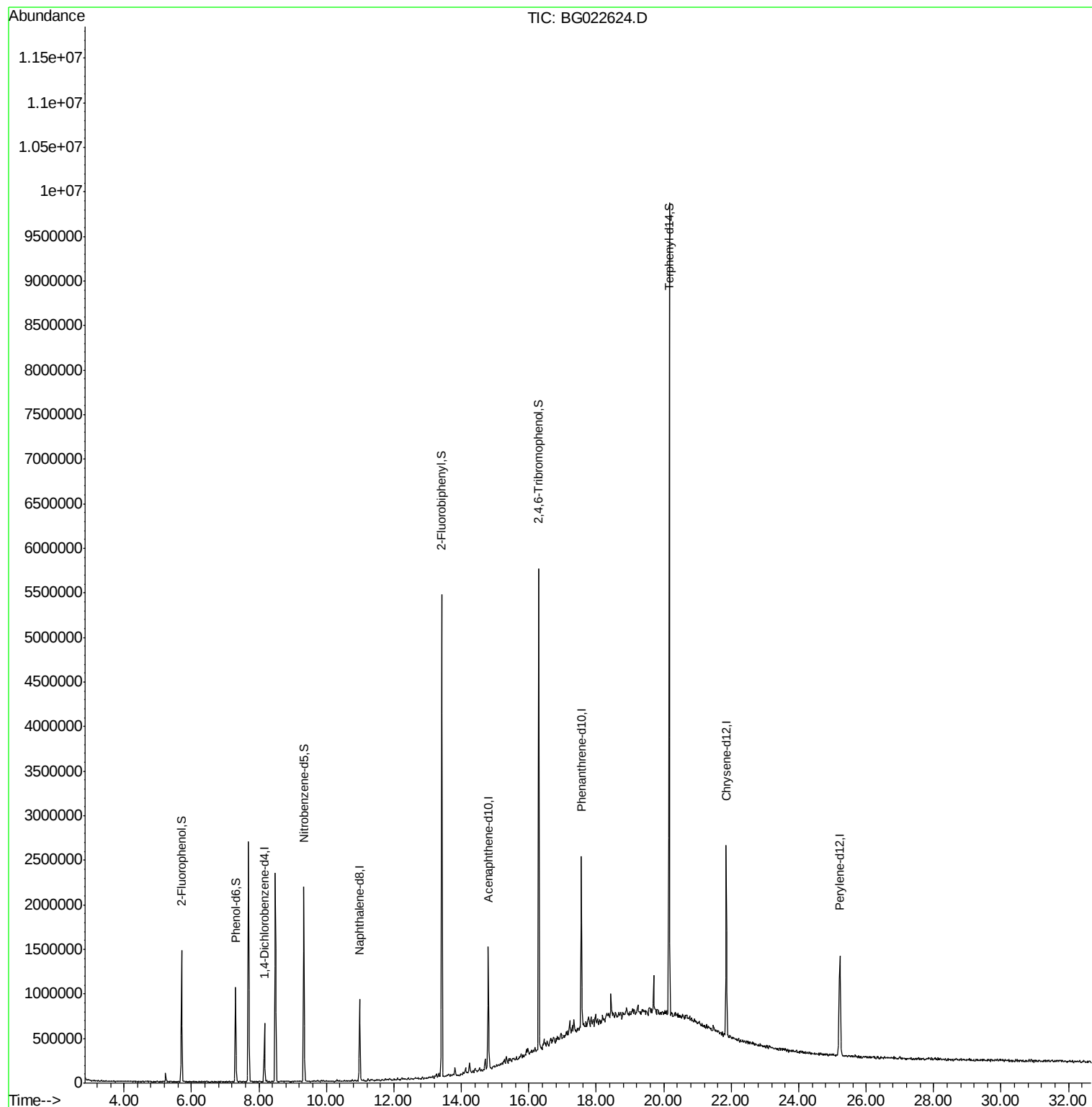
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022624.D

Acq: 27 Jun 2016 00:44

Instrument :

BNA_G

ClientSampleId :

MW-07

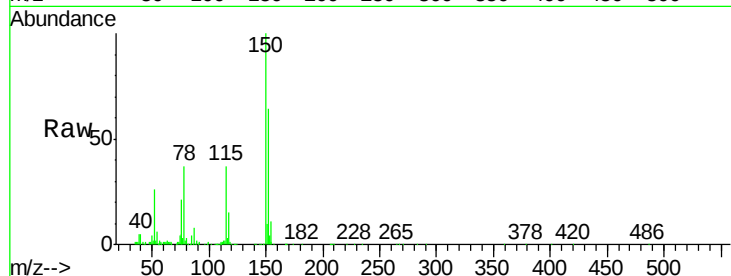
Tgt Ion:152 Resp: 170161

Ion Ratio Lower Upper

152 100

150 156.9 144.7 217.1

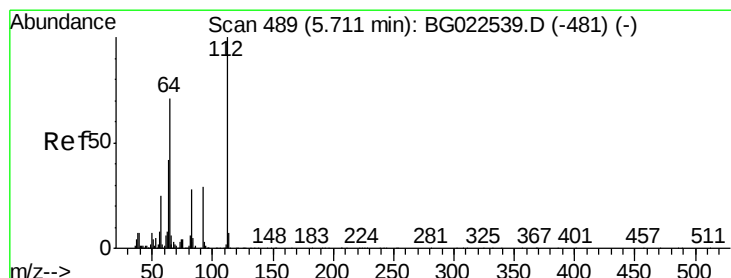
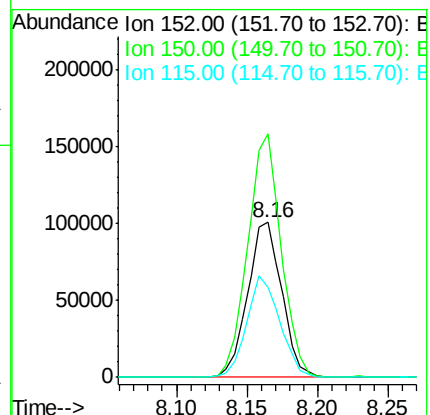
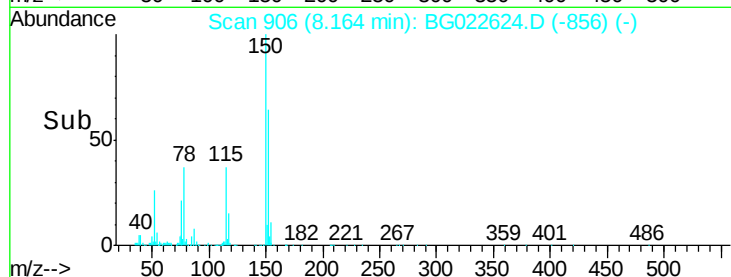
115 58.3 64.0 96.0#



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: 56.84 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022624.D

Acq: 27 Jun 2016 00:44

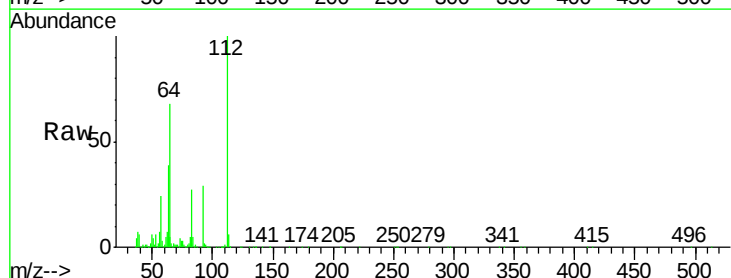
Tgt Ion:112 Resp: 603021

Ion Ratio Lower Upper

112 100

64 68.4 59.0 88.4

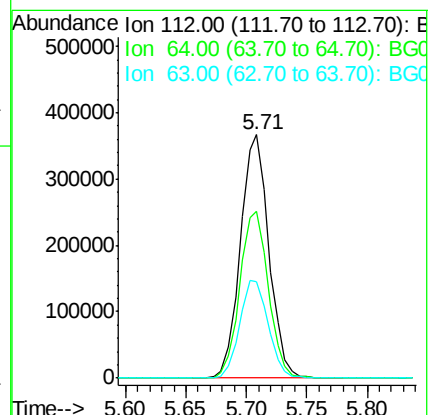
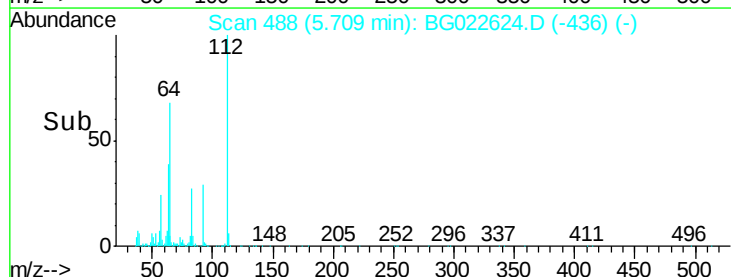
63 39.5 37.8 56.8

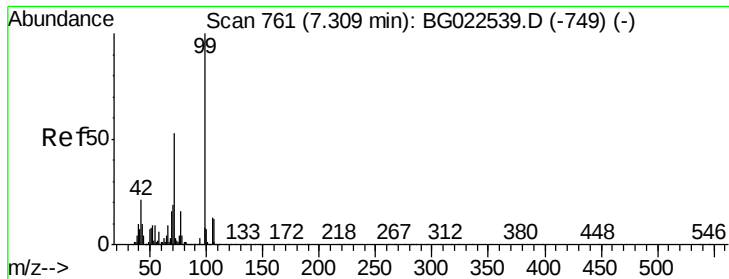


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.46 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022624.D

Acq: 27 Jun 2016 00:44

Instrument :

BNA_G

ClientSampleId :

MW-07

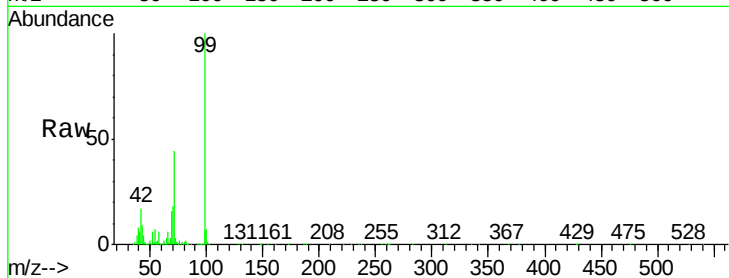
Tgt Ion: 99 Resp: 590044

Ion Ratio Lower Upper

99 100

42 17.3 17.8 26.6#

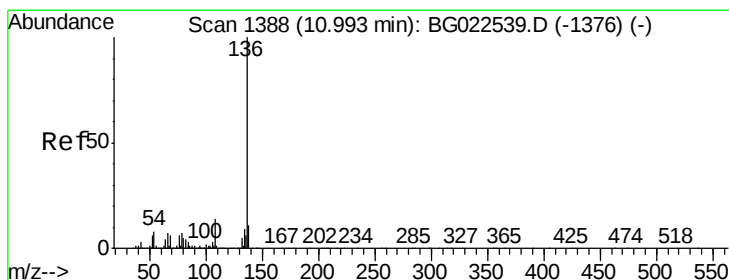
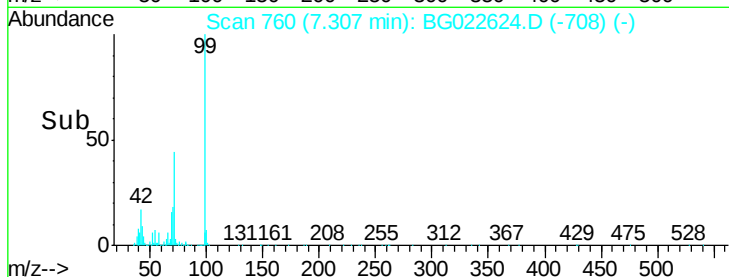
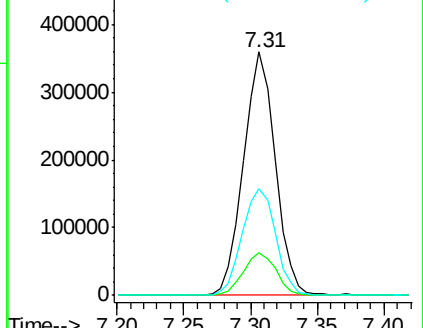
71 44.0 41.5 62.3



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: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022624.D

Acq: 27 Jun 2016 00:44

Tgt Ion: 136 Resp: 705978

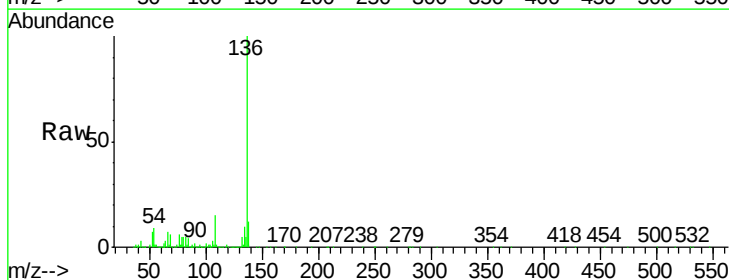
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 8.9 7.3 10.9

68 6.5 5.3 7.9

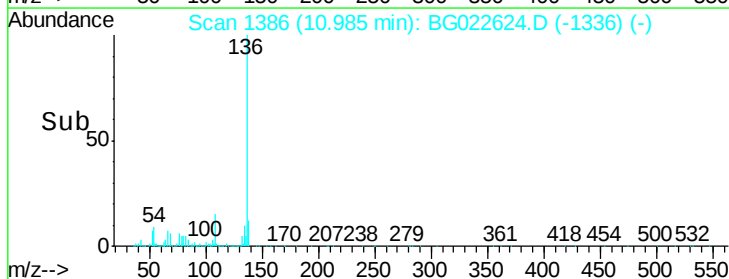
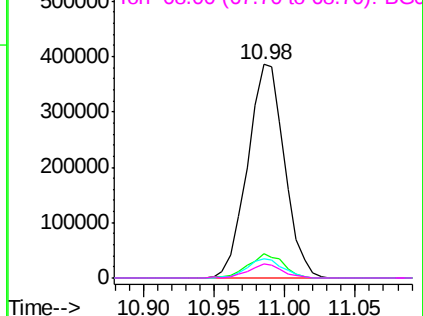


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

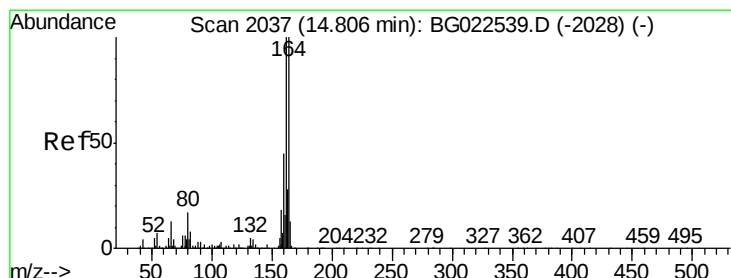
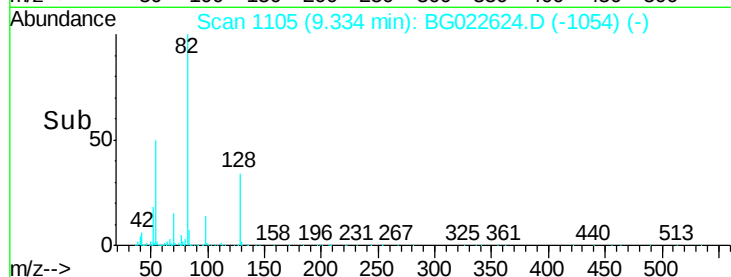
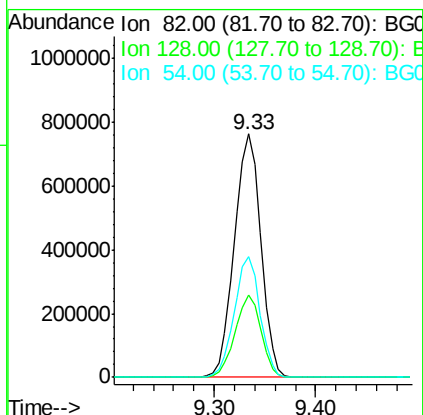
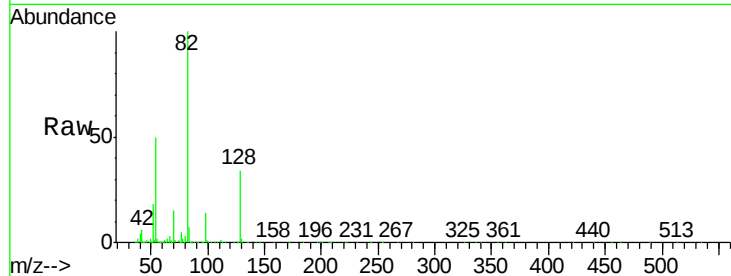




#23
 Nitrobenzene-d5
 Concen: 83.29 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022624.D
 Acq: 27 Jun 2016 00:44

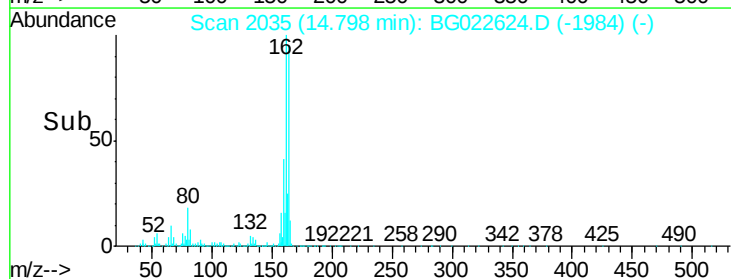
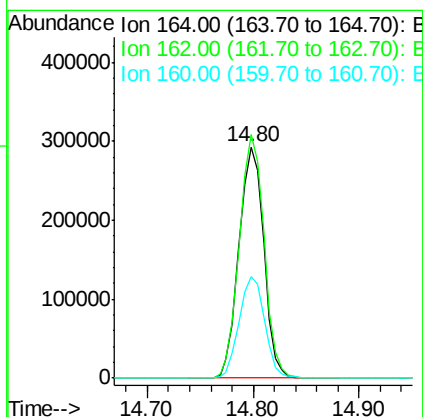
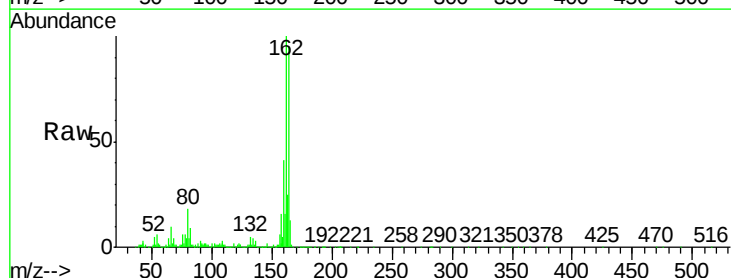
Instrument :
 BNA_G
 ClientSampleId :
 MW-07

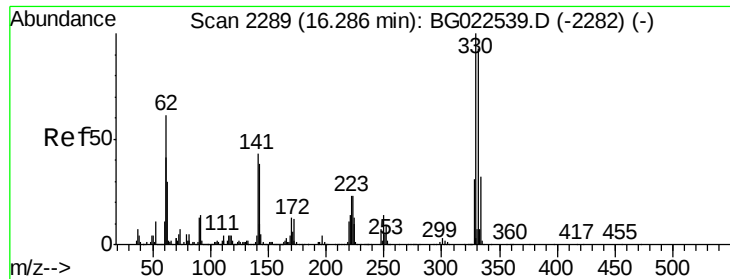
Tgt Ion: 82 Resp: 1389382
 Ion Ratio Lower Upper
 82 100
 128 33.9 24.4 36.6
 54 49.5 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022624.D
 Acq: 27 Jun 2016 00:44

Tgt Ion: 164 Resp: 475665
 Ion Ratio Lower Upper
 164 100
 162 105.3 87.7 131.5
 160 43.7 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 137.88 ng

RT: 16.30 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022624.D

Acq: 27 Jun 2016 00:44

Instrument :

BNA_G

ClientSampleId :

MW-07

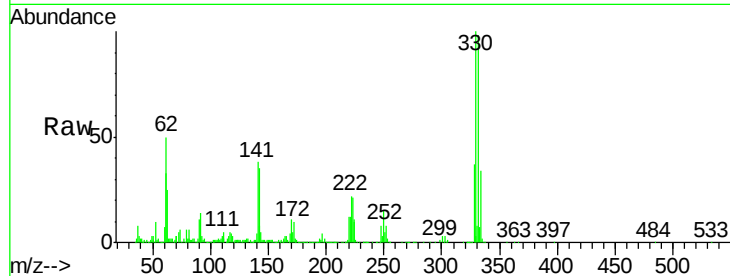
Tgt Ion:330 Resp: 1031526

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

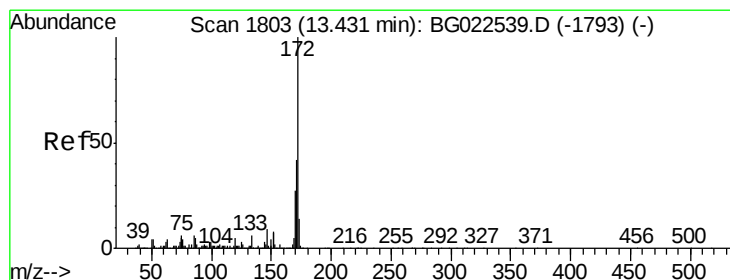
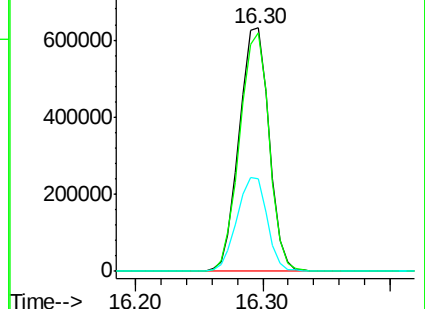
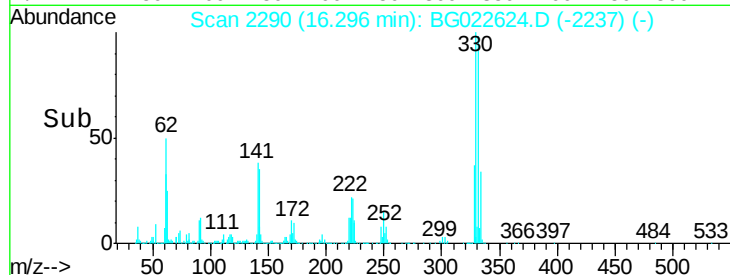
141 38.5 31.7 47.5



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: 84.78 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG022624.D

Acq: 27 Jun 2016 00:44

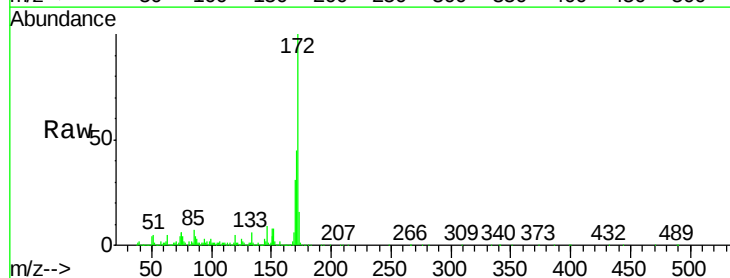
Tgt Ion:172 Resp: 2542877

Ion Ratio Lower Upper

172 100

171 45.2 31.6 47.4

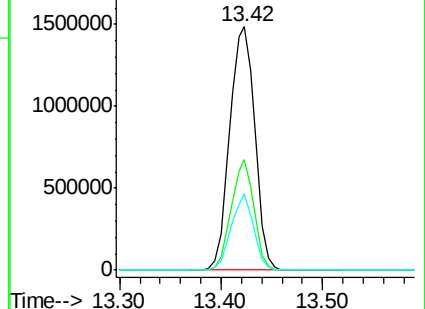
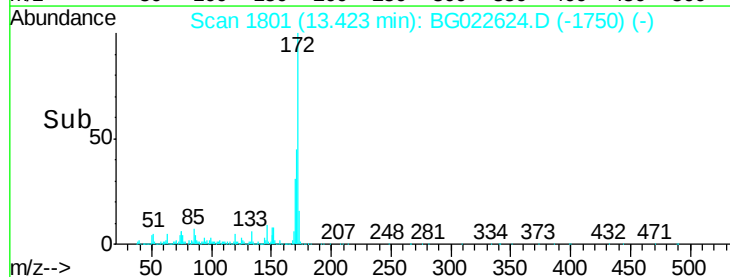
170 30.9 21.3 31.9

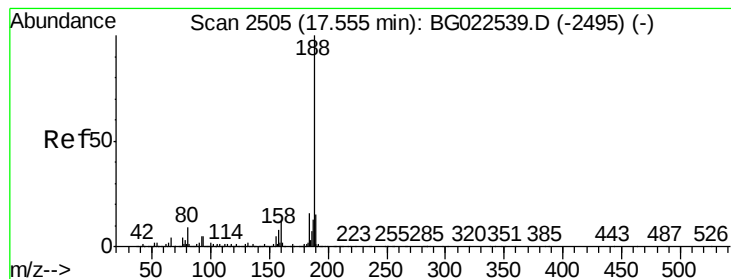


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022624.D

Acq: 27 Jun 2016 00:44

Instrument :

BNA_G

ClientSampleId :

MW-07

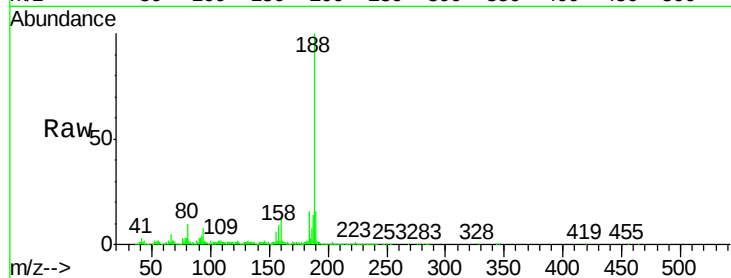
Tgt Ion:188 Resp: 1129002

Ion Ratio Lower Upper

188 100

94 7.7 5.2 7.8

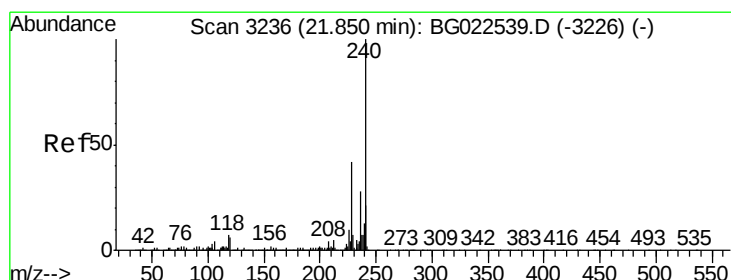
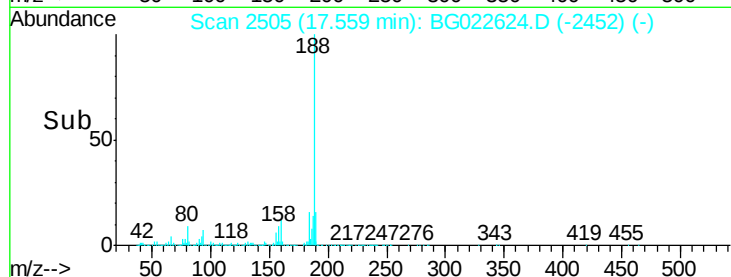
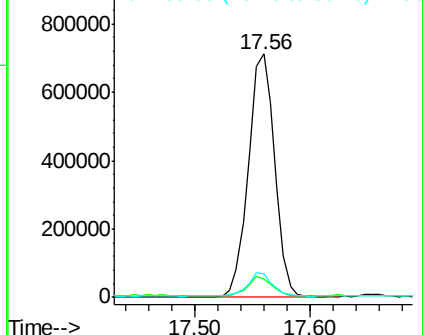
80 9.6 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG022624.D

Acq: 27 Jun 2016 00:44

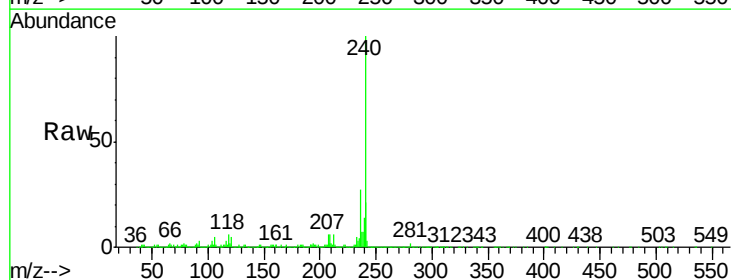
Tgt Ion:240 Resp: 1308825

Ion Ratio Lower Upper

240 100

120 4.5 4.1 6.1

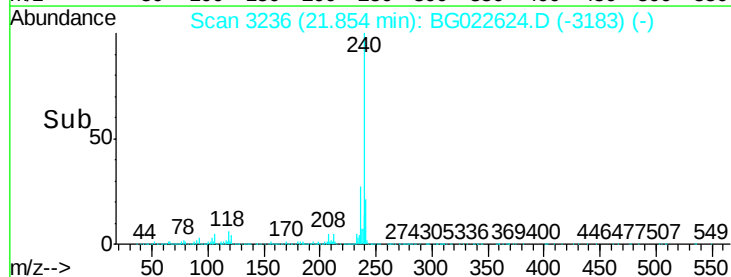
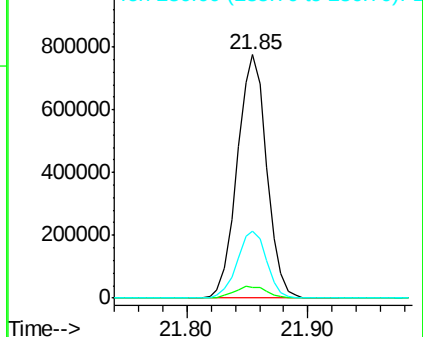
236 27.4 21.1 31.7

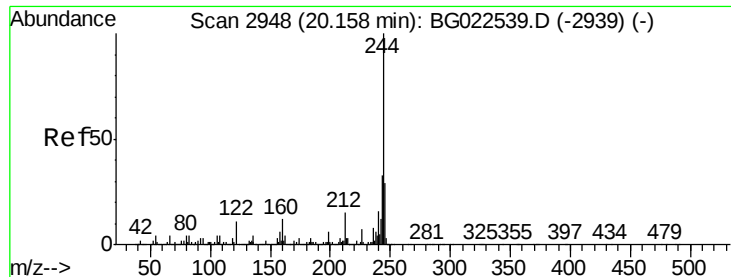


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.25 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022624.D

Acq: 27 Jun 2016 00:44

Instrument :

BNA_G

ClientSampled :

MW-07

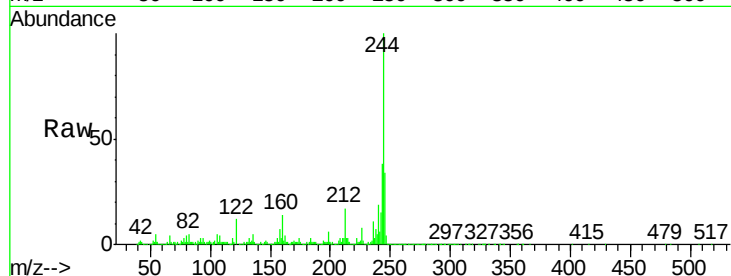
Tgt Ion:244 Resp: 3223322

Ion Ratio Lower Upper

244 100

212 16.7 10.8 16.2#

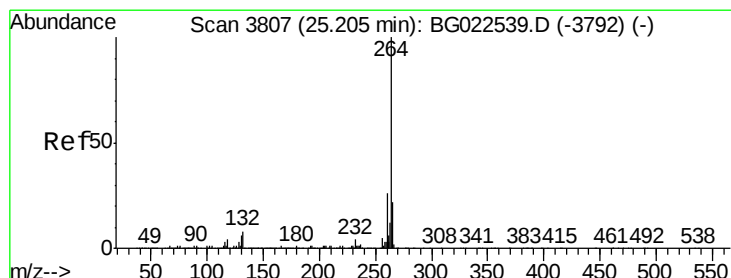
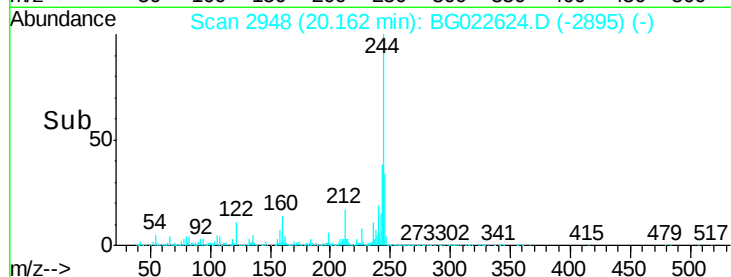
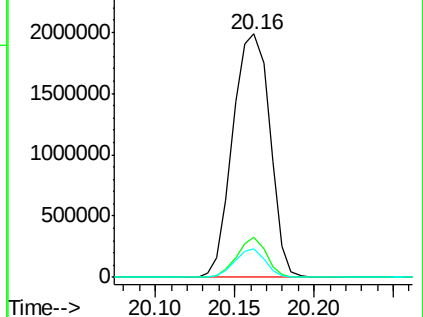
122 11.6 8.0 12.0



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: 25.22 min Scan# 3809

Delta R.T. 0.02 min

Lab File: BG022624.D

Acq: 27 Jun 2016 00:44

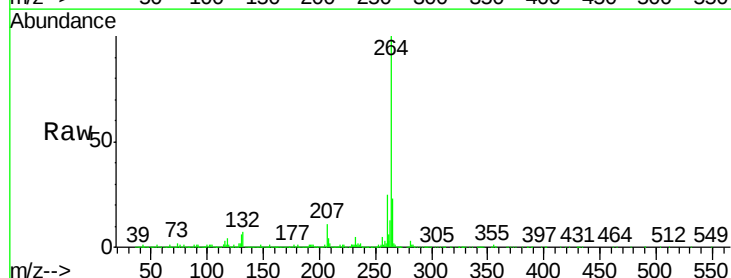
Tgt Ion:264 Resp: 1342243

Ion Ratio Lower Upper

264 100

260 25.4 18.4 27.6

265 23.5 18.9 28.3



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

