

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016545.D
 Acq On : 19 Apr 2015 5:30
 Operator : TP/IZ
 Sample : G1765-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AS-2

Quant Time: Apr 20 05:03:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 03:57:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	90837	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	405172	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	222691	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	381655	20.00	ng	0.00
75) Chrysene-d12	21.24	240	209234	20.00	ng	0.01
86) Perylene-d12	23.51	264	217415	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	380926	66.18	ng	0.00
7) Phenol-d6	6.85	99	523740	60.62	ng	0.00
23) Nitrobenzene-d5	8.81	82	291365	41.66	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	88253	58.60	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	633533	48.44	ng	0.00
78) Terphenyl-d14	19.68	244	482421	53.96	ng	0.00

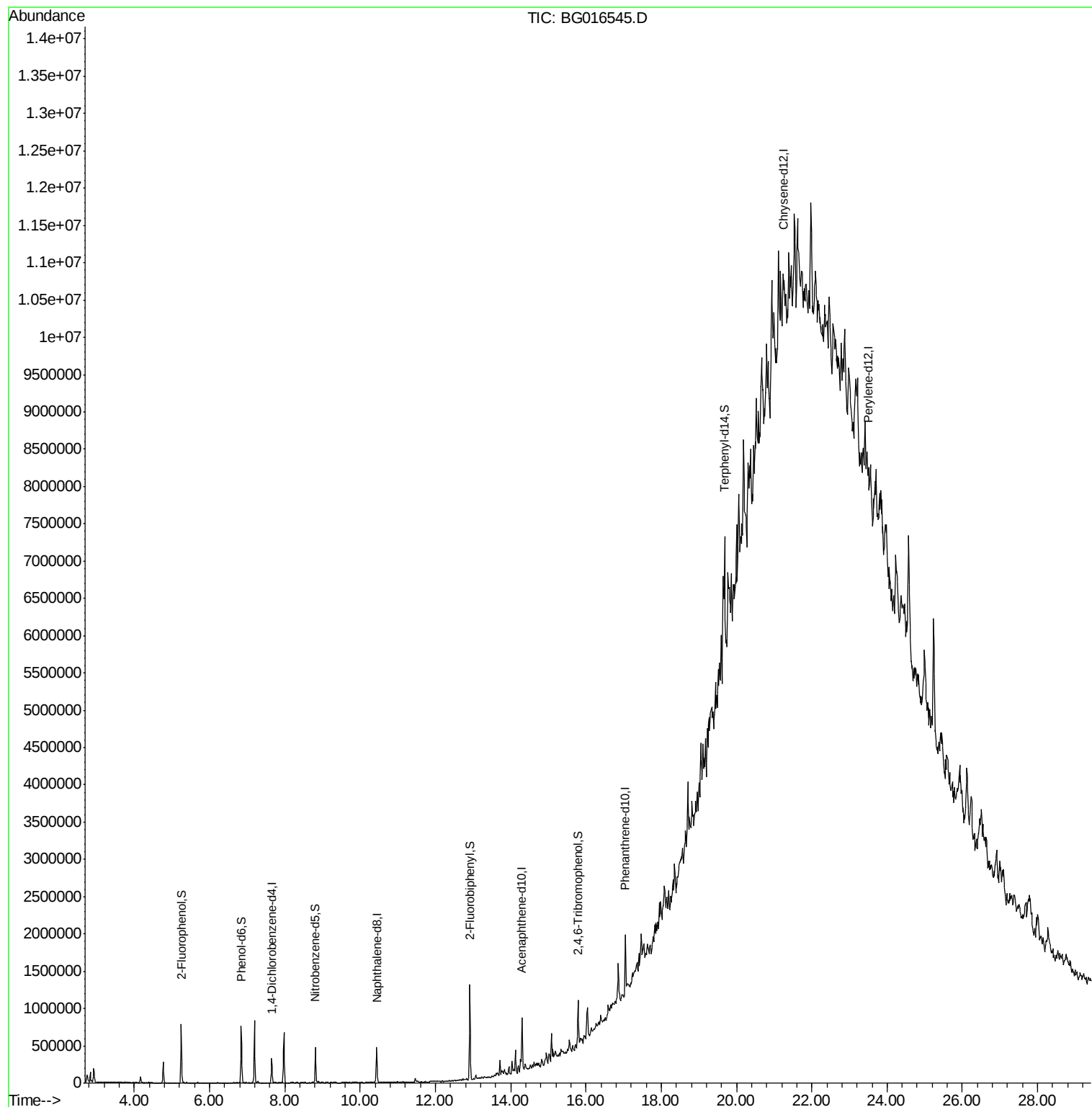
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG016545.D

Acq: 19 Apr 2015 5:30

Instrument :

BNA_G

ClientSampleId :

AS-2

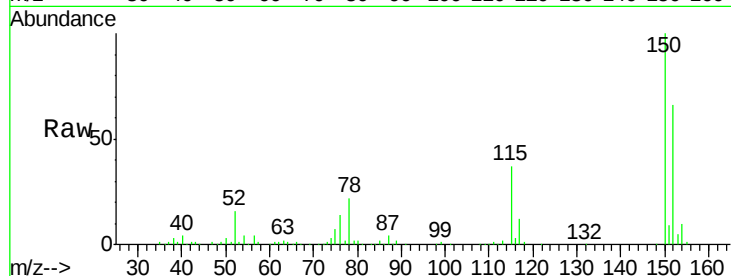
Tgt Ion:152 Resp: 90837

Ion Ratio Lower Upper

152 100

150 151.8 130.1 195.1

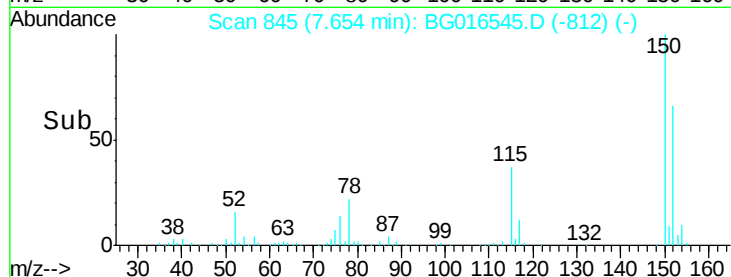
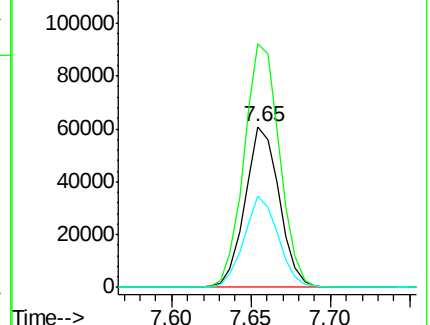
115 56.7 50.5 75.7



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: 66.18 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.00 min

Lab File: BG016545.D

Acq: 19 Apr 2015 5:30

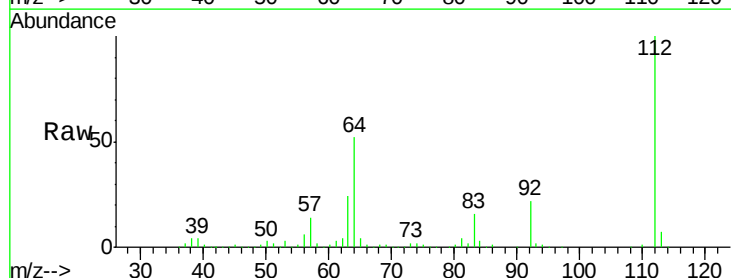
Tgt Ion:112 Resp: 380926

Ion Ratio Lower Upper

112 100

64 51.7 44.5 66.7

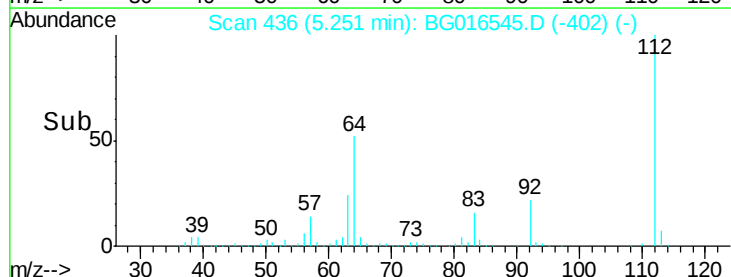
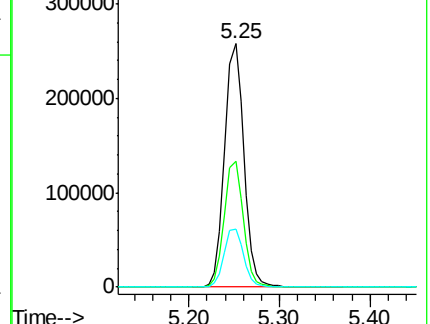
63 24.0 21.4 32.0

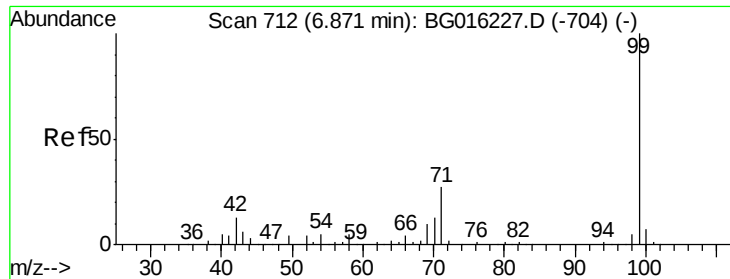


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 60.62 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG016545.D

Acq: 19 Apr 2015 5:30

Instrument :

BNA_G

ClientSampleId :

AS-2

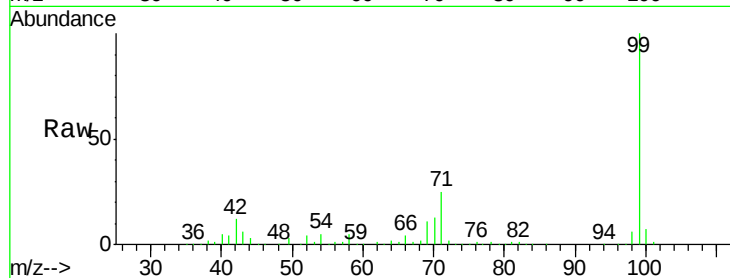
Tgt Ion: 99 Resp: 523740

Ion Ratio Lower Upper

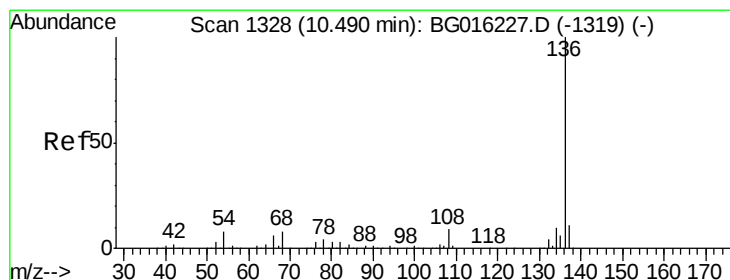
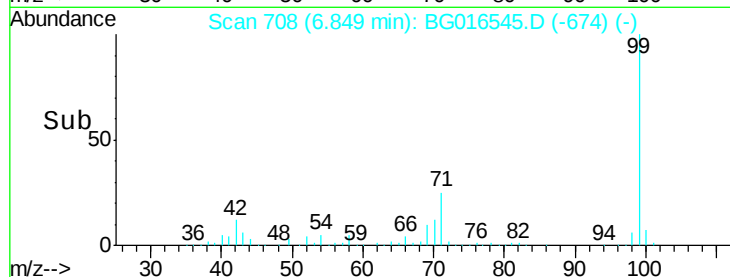
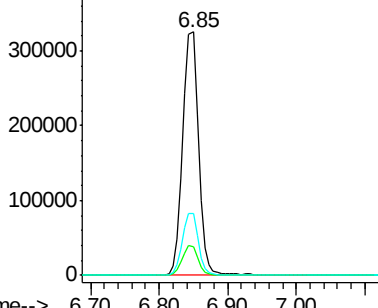
99 100

42 11.7 10.0 15.0

71 25.4 21.5 32.3



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: 10.44 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BG016545.D

Acq: 19 Apr 2015 5:30

Tgt Ion: 136 Resp: 405172

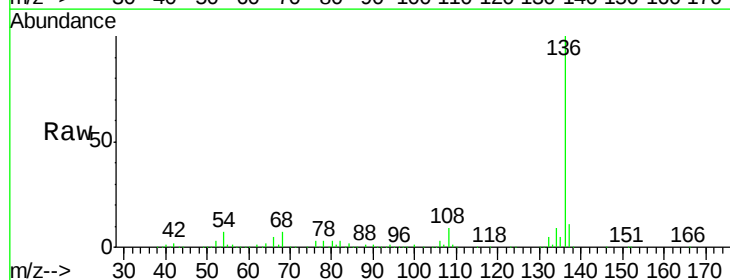
Ion Ratio Lower Upper

136 100

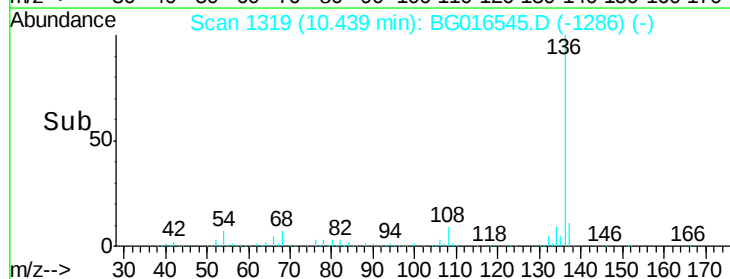
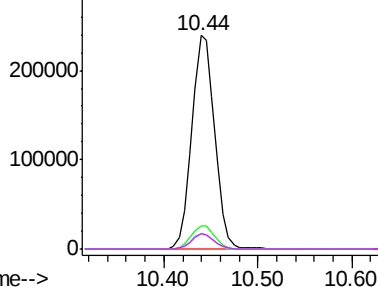
137 11.0 8.7 13.1

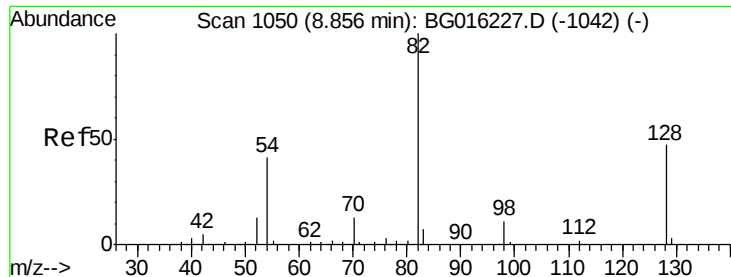
54 7.2 6.3 9.5

68 6.9 6.5 9.7



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

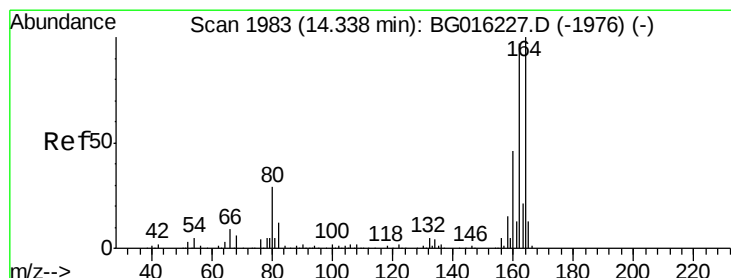
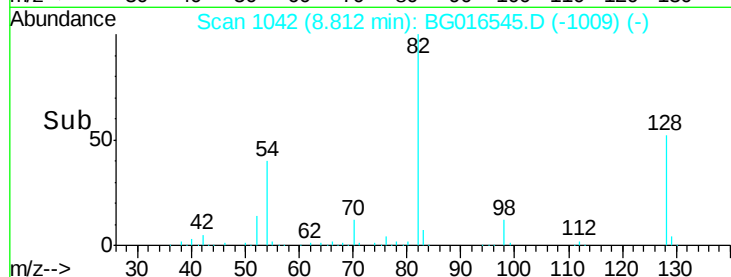
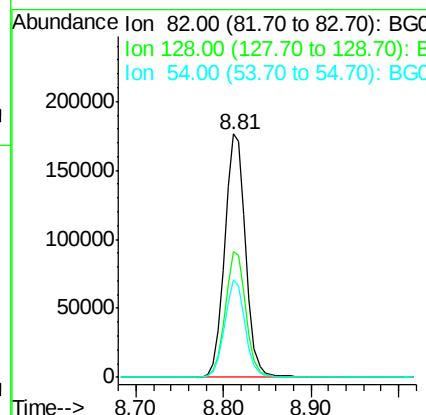
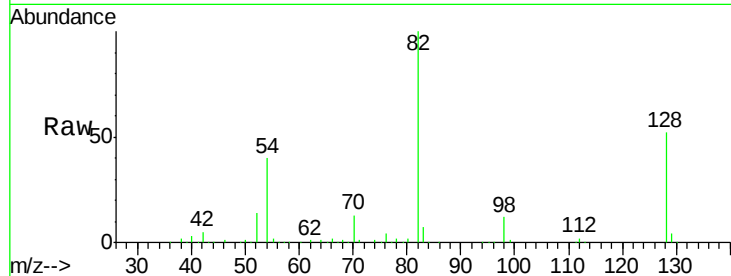




#23
 Nitrobenzene-d5
 Concen: 41.66 ng
 RT: 8.81 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG016545.D
 Acq: 19 Apr 2015 5:30

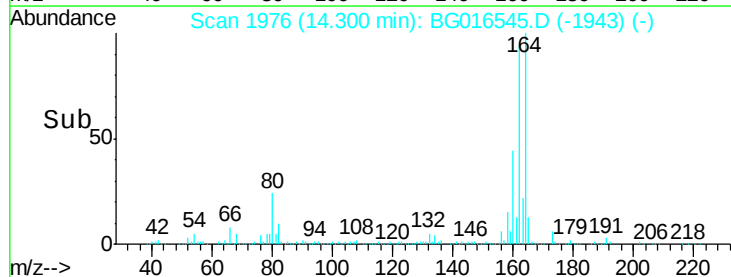
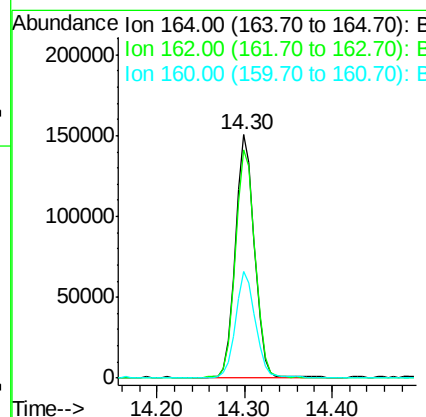
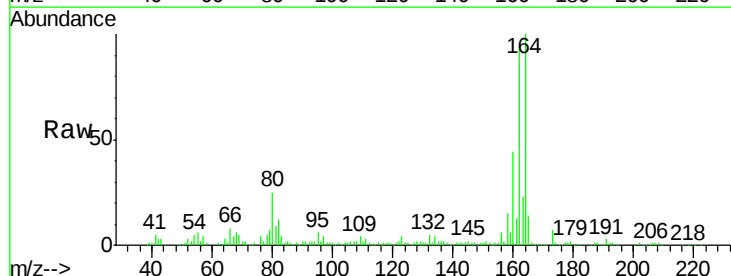
Instrument :
 BNA_G
 ClientSampleId :
 AS-2

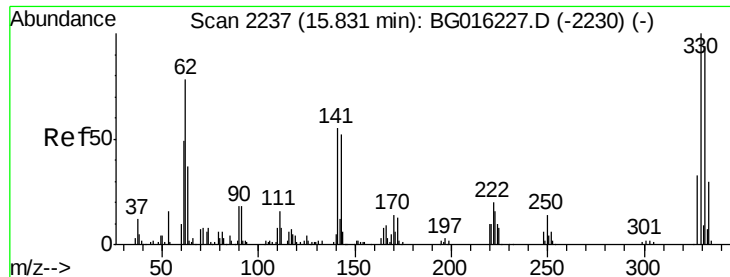
Tgt Ion: 82 Resp: 291365
 Ion Ratio Lower Upper
 82 100
 128 51.7 37.8 56.8
 54 40.1 32.6 49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG016545.D
 Acq: 19 Apr 2015 5:30

Tgt Ion: 164 Resp: 222691
 Ion Ratio Lower Upper
 164 100
 162 94.0 77.3 115.9
 160 43.8 36.7 55.1

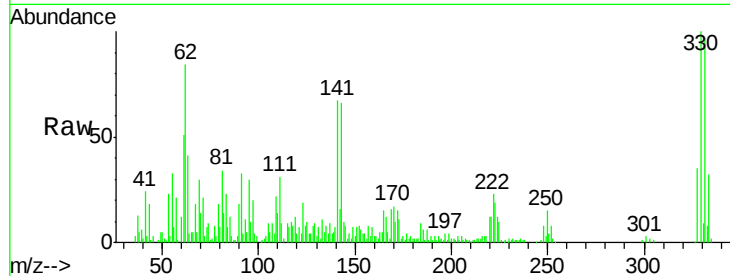




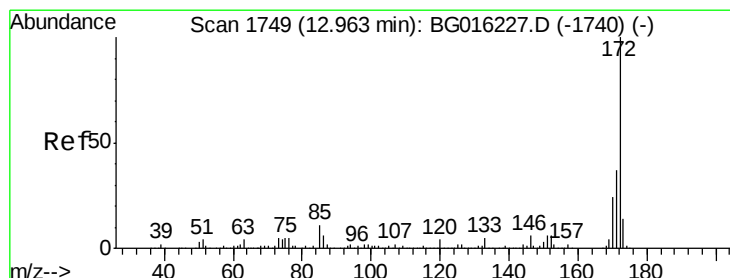
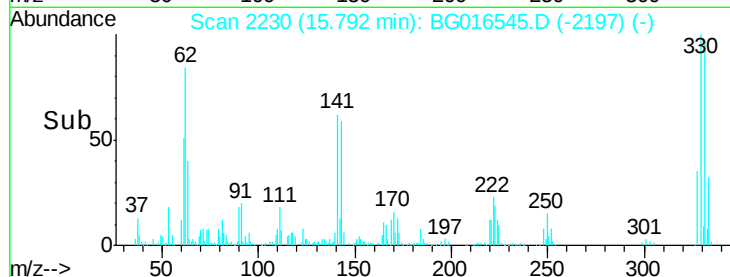
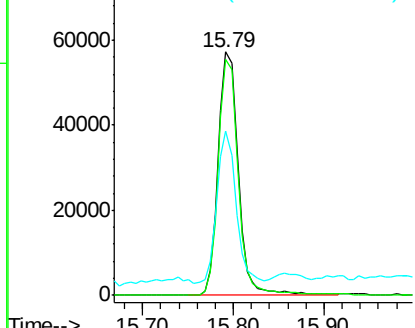
#41
 2,4,6-Tribromophenol
 Concen: 58.60 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG016545.D
 Acq: 19 Apr 2015 5:30

Instrument :
 BNA_G
 ClientSampleId :
 AS-2

Tgt Ion:330 Resp: 88253
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.8 113.6
 141 58.5 46.6 69.8

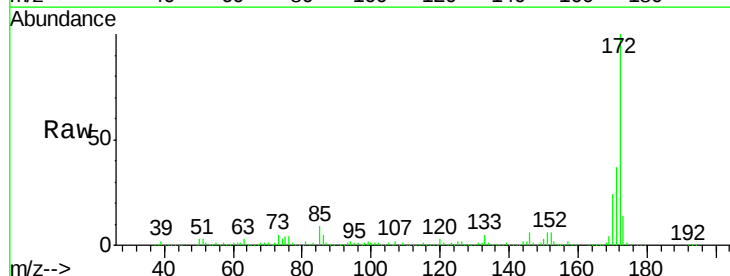


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

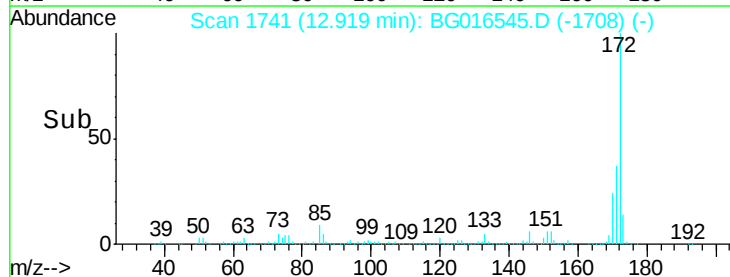
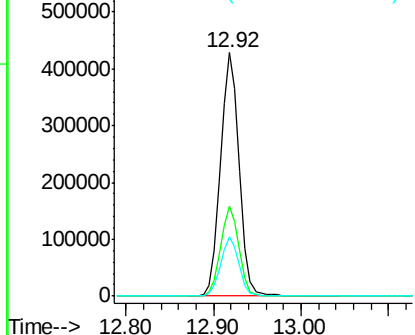


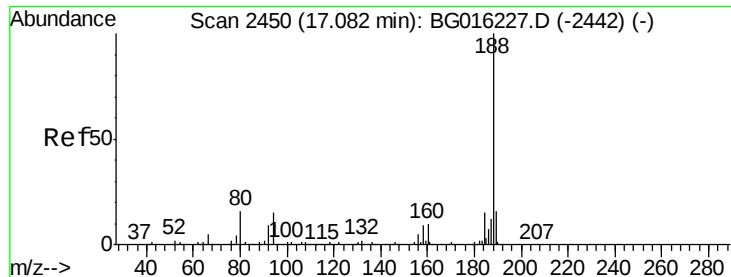
#44
 2-Fluorobiphenyl
 Concen: 48.44 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG016545.D
 Acq: 19 Apr 2015 5:30

Tgt Ion:172 Resp: 633533
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.3 19.4 29.2



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: 17.04 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG016545.D

Acq: 19 Apr 2015 5:30

Instrument :

BNA_G

ClientSampleId :

AS-2

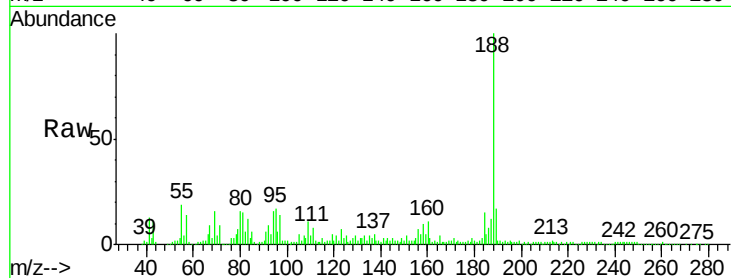
Tgt Ion:188 Resp: 381655

Ion Ratio Lower Upper

188 100

94 16.1 12.2 18.4

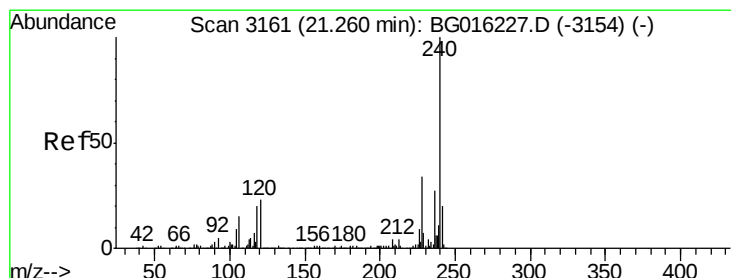
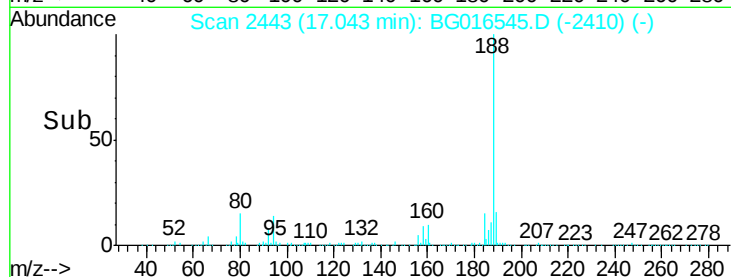
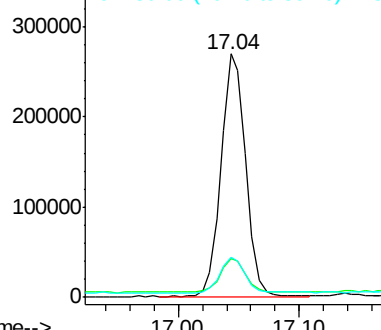
80 16.4 12.8 19.2



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: 21.24 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BG016545.D

Acq: 19 Apr 2015 5:30

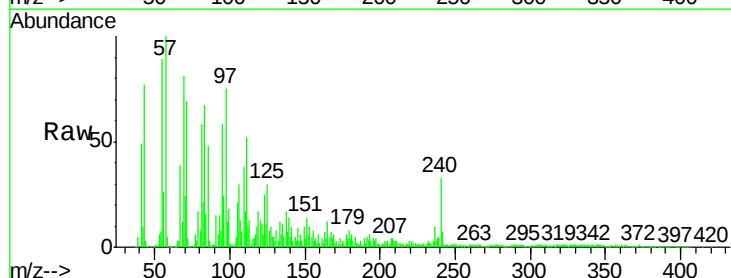
Tgt Ion:240 Resp: 209234

Ion Ratio Lower Upper

240 100

120 40.8 18.6 28.0#

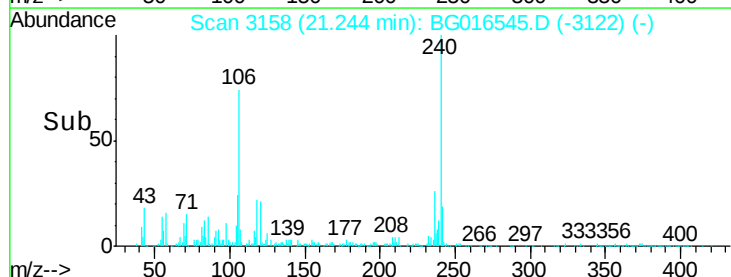
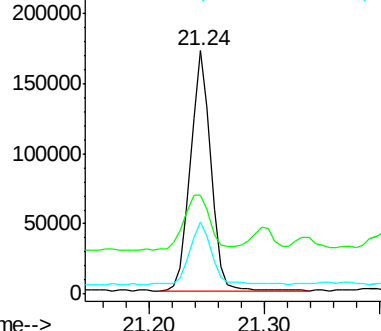
236 29.8 21.7 32.5

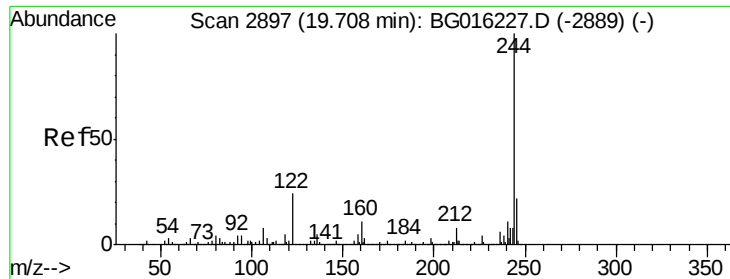


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 53.96 ng

RT: 19.68 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BG016545.D

Acq: 19 Apr 2015 5:30

Instrument :

BNA_G

ClientSampleId :

AS-2

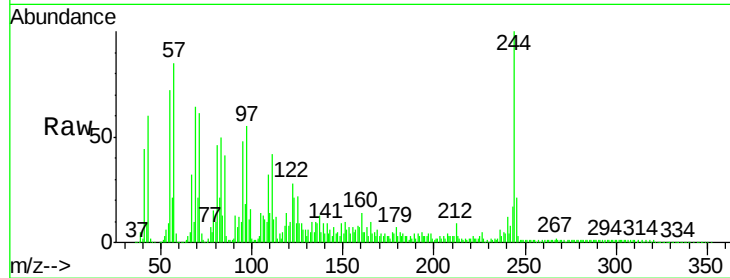
Tgt Ion:244 Resp: 482421

Ion Ratio Lower Upper

244 100

212 9.1 6.6 9.8

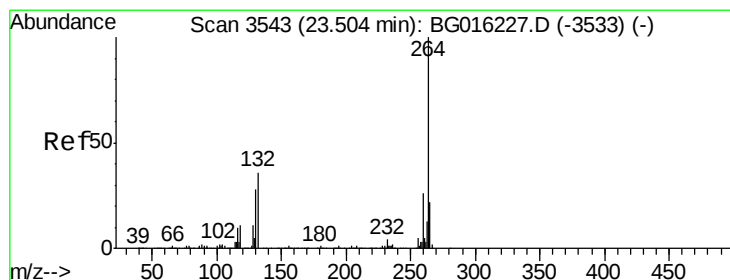
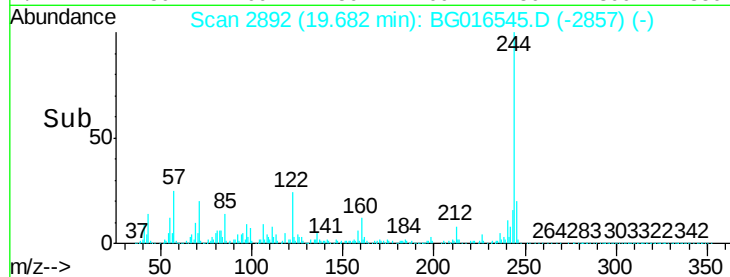
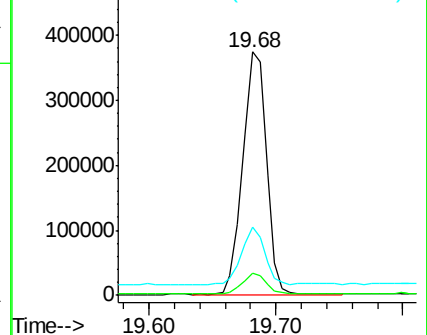
122 28.3 19.1 28.7



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: 23.51 min Scan# 3543

Delta R.T. 0.05 min

Lab File: BG016545.D

Acq: 19 Apr 2015 5:30

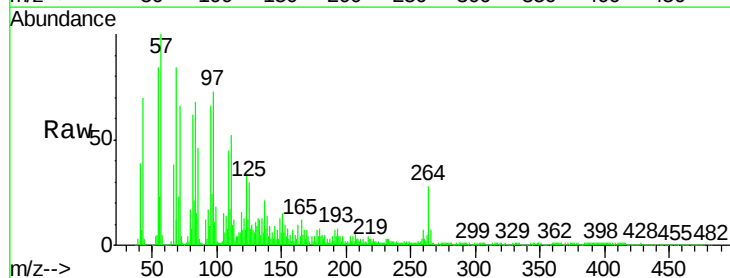
Tgt Ion:264 Resp: 217415

Ion Ratio Lower Upper

264 100

260 26.5 20.4 30.6

265 24.0 17.2 25.8



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

