

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
 Data File : BG016644.D
 Acq On : 23 Apr 2015 7:50
 Operator : TP/IZ
 Sample : G1949-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-07

Quant Time: Apr 23 15:41:27 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	48472	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	207046	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	124383	20.00	ng	0.00
63) Phenanthrene-d10	17.03	188	289309	20.00	ng	0.00
75) Chrysene-d12	21.20	240	270897	20.00	ng	0.00
86) Perylene-d12	23.42	264	240891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	398468	131.75	ng	0.00
7) Phenol-d6	6.84	99	500853	118.53	ng	0.01
23) Nitrobenzene-d5	8.79	82	313111	93.12	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	138706	164.19	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	725349	96.58	ng	0.00
78) Terphenyl-d14	19.66	244	1033058	91.87	ng	0.00

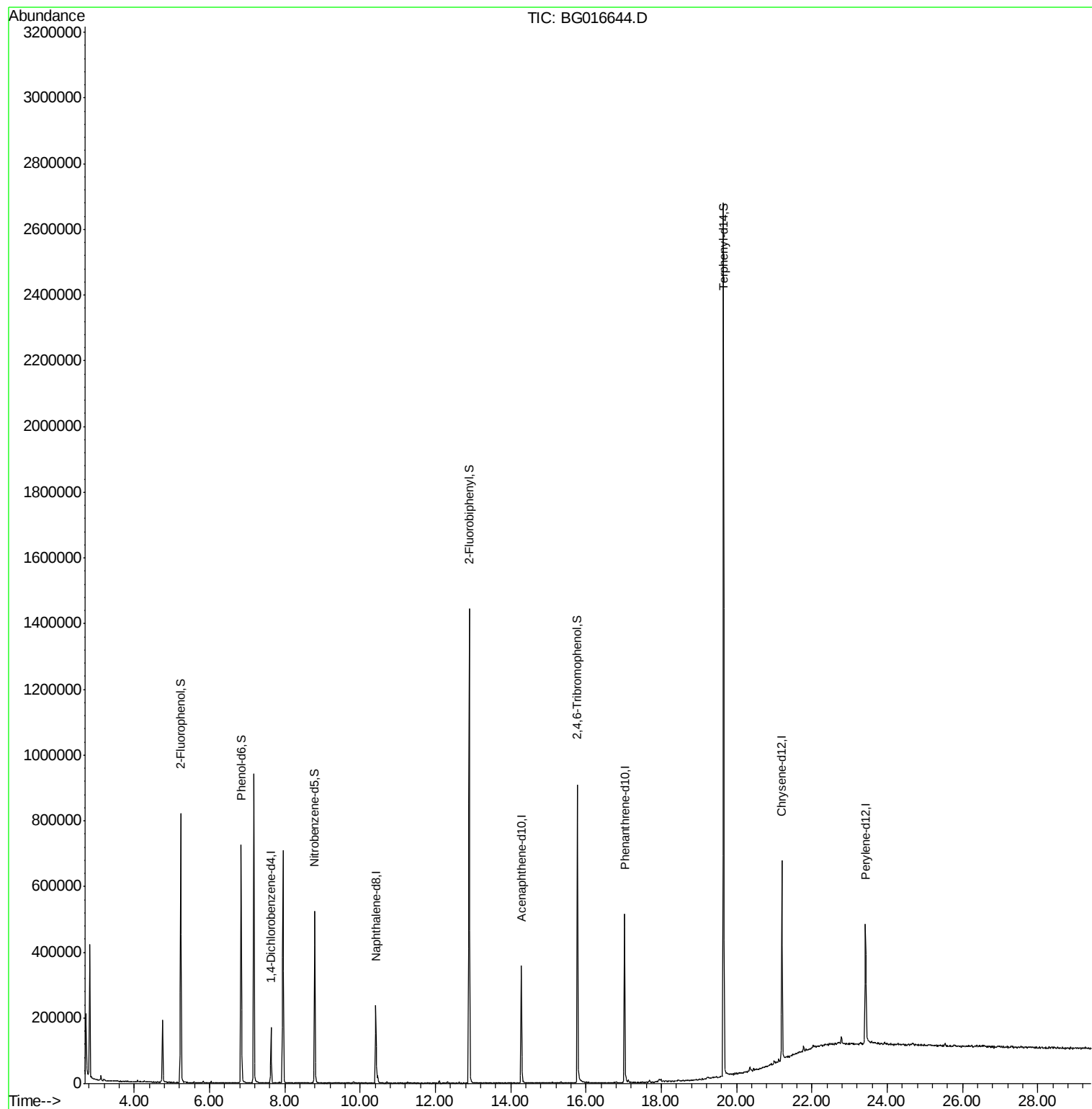
Target Compounds Qvalue

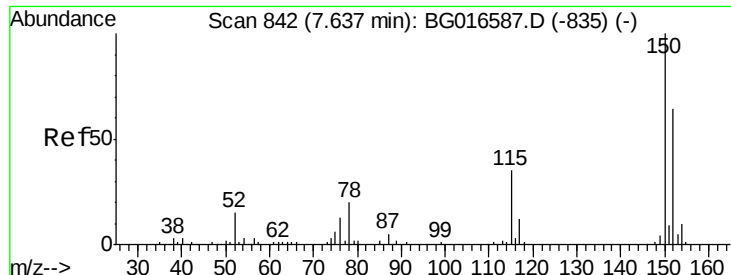
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 23 15:41:27 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 02:10:07 2015
Response via : Initial Calibration



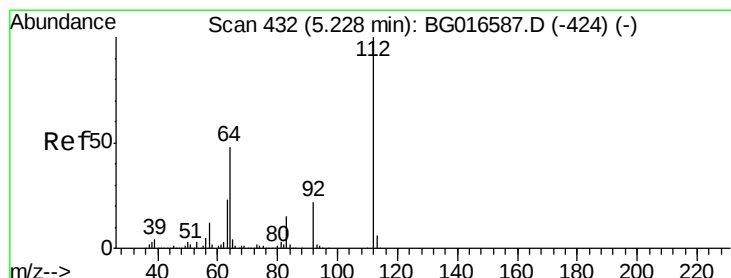
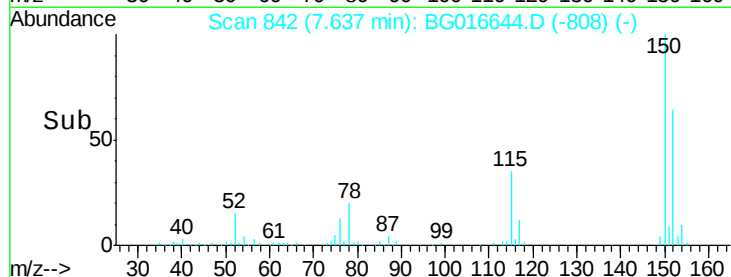
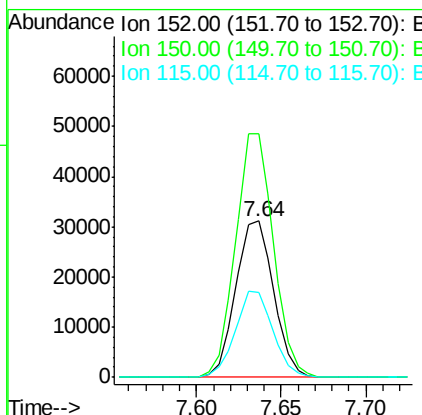
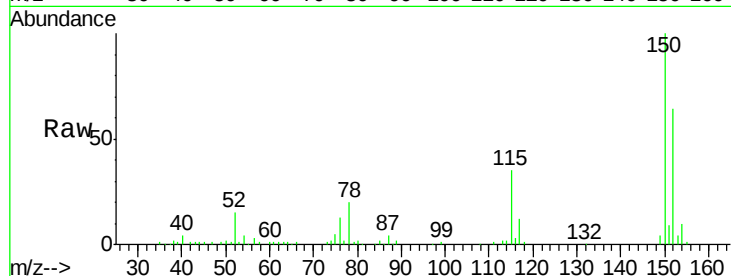


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.64 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG016644.D
 Acq: 23 Apr 2015 7:50

Instrument :
 BNA_G
 ClientSampled :
 TEC-07

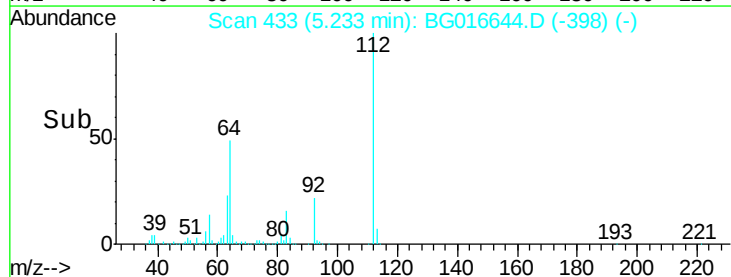
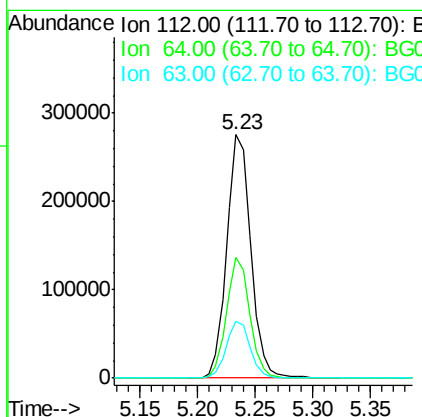
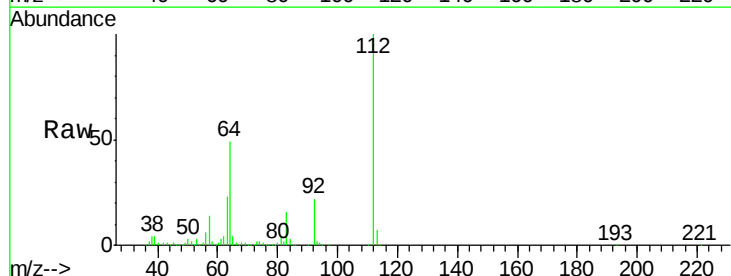
Tot Ion:152 Resp: 48472
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.5 188.3
 115 54.4 44.5 66.7

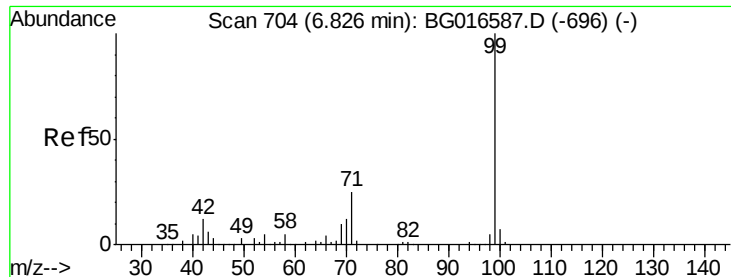


#5

2-Fluorophenol
 Concen: 131.75 ng
 RT: 5.23 min Scan# 433
 Delta R.T. 0.01 min
 Lab File: BG016644.D
 Acq: 23 Apr 2015 7:50

Tgt Ion:112 Resp: 398468
 Ion Ratio Lower Upper
 112 100
 64 49.4 38.5 57.7
 63 23.1 18.2 27.4





#7

Phenol-d6

Concen: 118.53 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG016644.D

Acq: 23 Apr 2015 7:50

Instrument :

BNA_G

ClientSampleId :

TEC-07

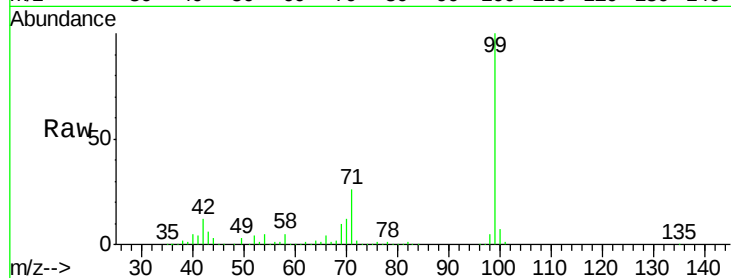
Tot Ion: 99 Resp: 500853

Ion Ratio Lower Upper

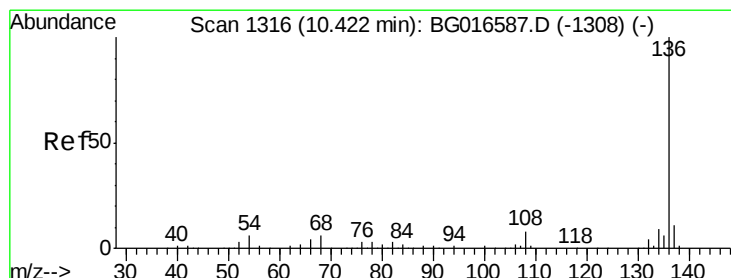
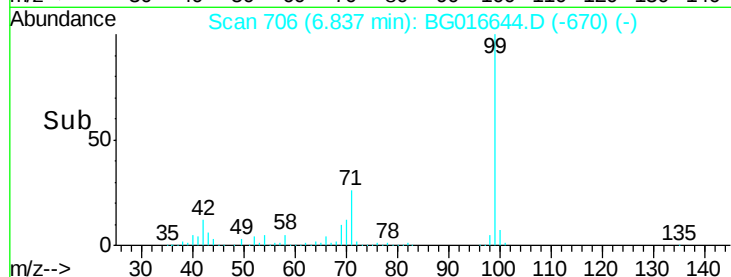
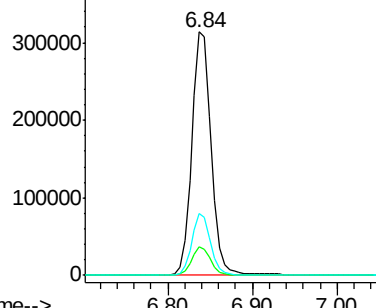
99 100

42 11.7 9.5 14.3

71 25.7 20.2 30.2



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: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG016644.D

Acq: 23 Apr 2015 7:50

Tgt Ion: 136 Resp: 207046

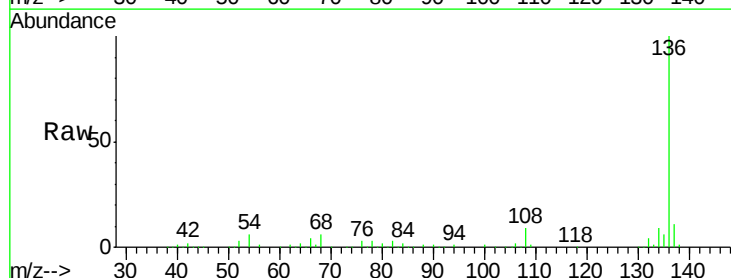
Ion Ratio Lower Upper

136 100

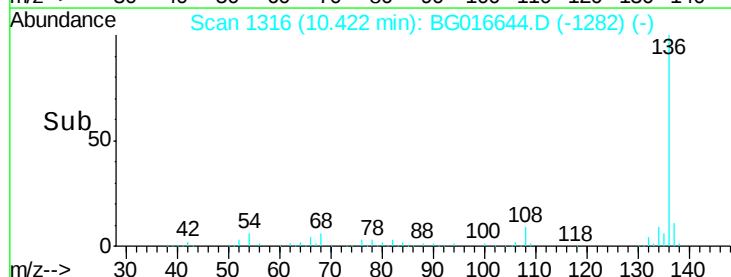
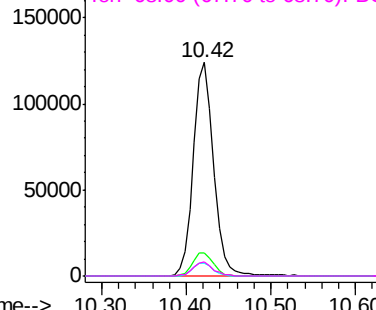
137 10.7 8.8 13.2

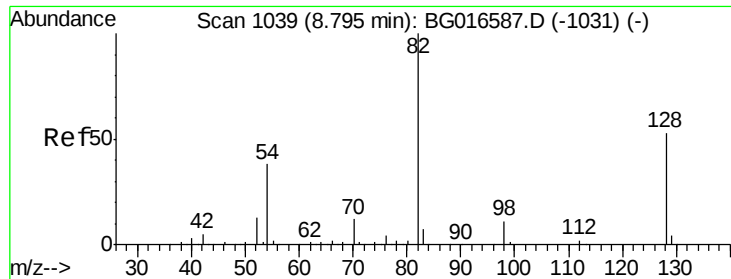
54 5.9 4.9 7.3

68 6.5 4.9 7.3



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

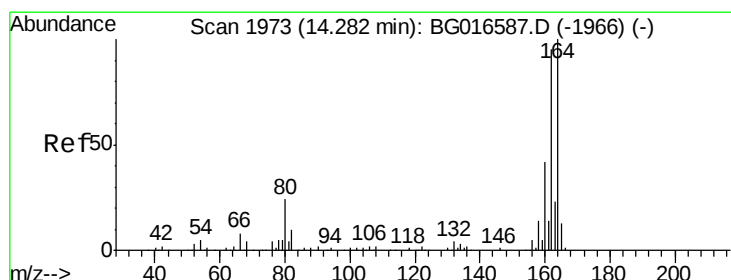
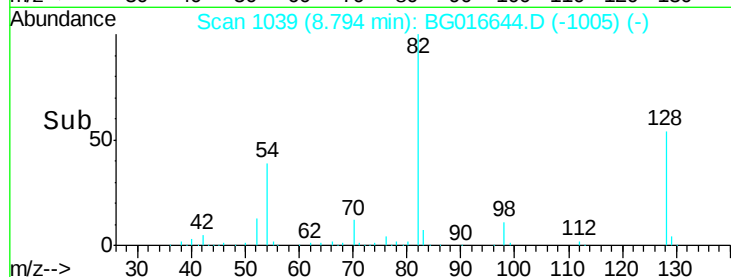
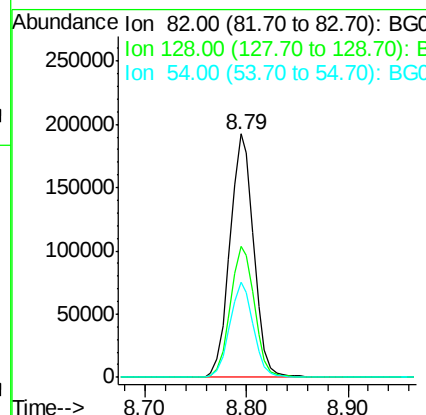
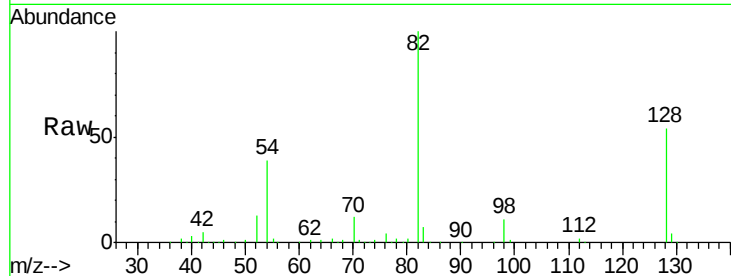




#23
 Nitrobenzene-d5
 Concen: 93.12 ng
 RT: 8.79 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG016644.D
 Acq: 23 Apr 2015 7:50

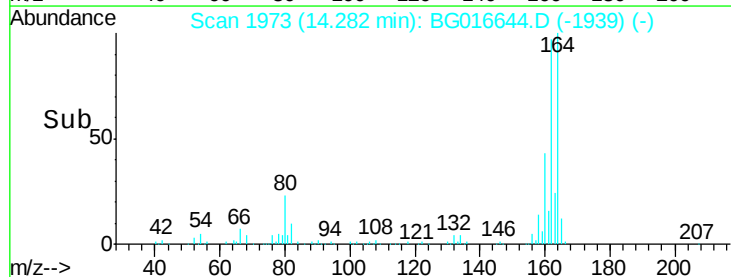
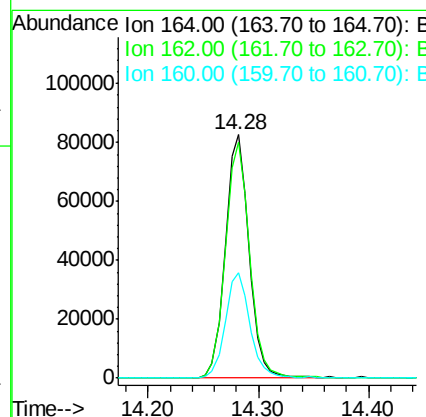
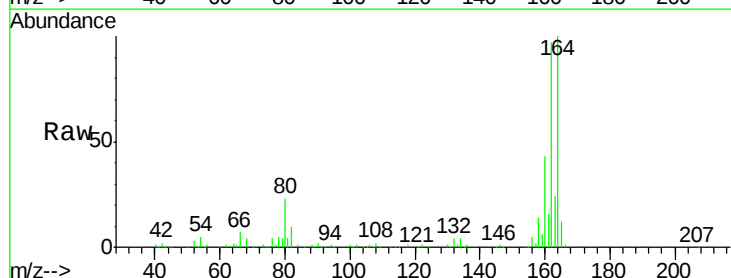
Instrument :
 BNA_G
 ClientSampleId :
 TEC-07

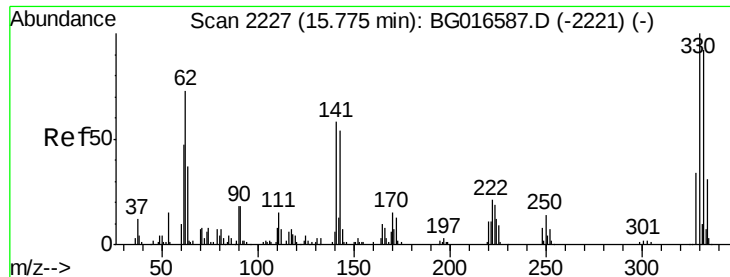
Tot Ion: 82 Resp: 313111
 Ion Ratio Lower Upper
 82 100
 128 53.6 42.7 64.1
 54 38.9 30.6 45.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.28 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG016644.D
 Acq: 23 Apr 2015 7:50

Tgt Ion:164 Resp: 124383
 Ion Ratio Lower Upper
 164 100
 162 97.0 75.8 113.6
 160 43.2 33.8 50.6

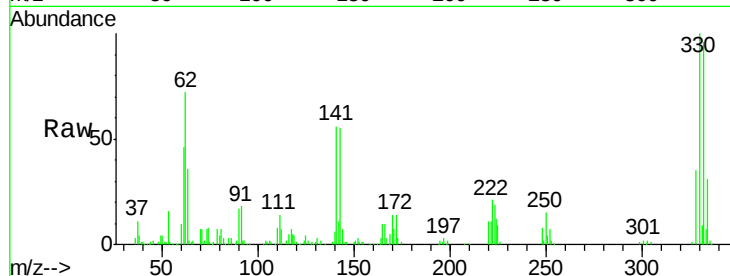




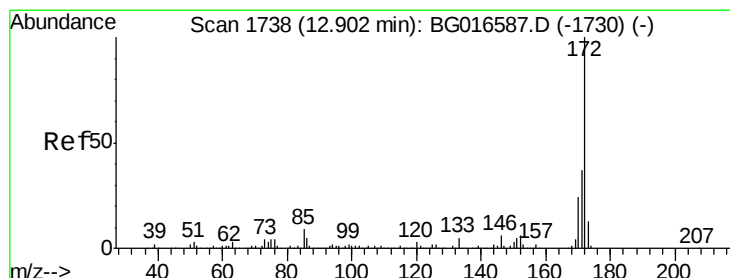
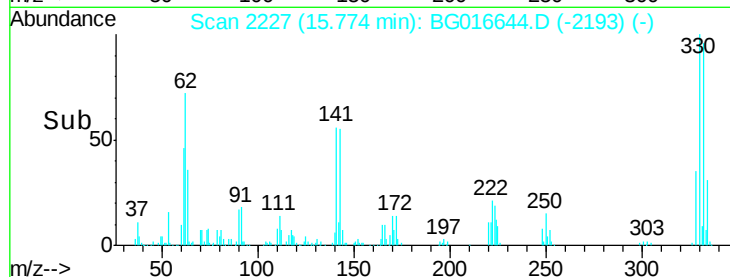
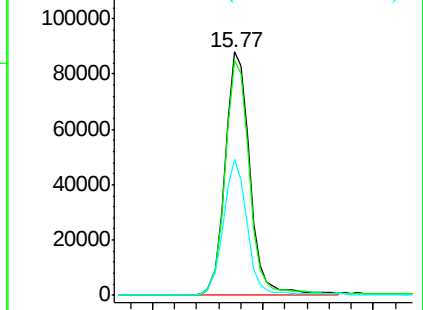
#41
 2,4,6-Tribromophenol
 Concen: 164.19 ng
 RT: 15.77 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG016644.D
 Acq: 23 Apr 2015 7:50

Instrument :
 BNA_G
 ClientSampleId :
 TEC-07

Tot Ion:330 Resp: 138706
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 54.7 45.9 68.9

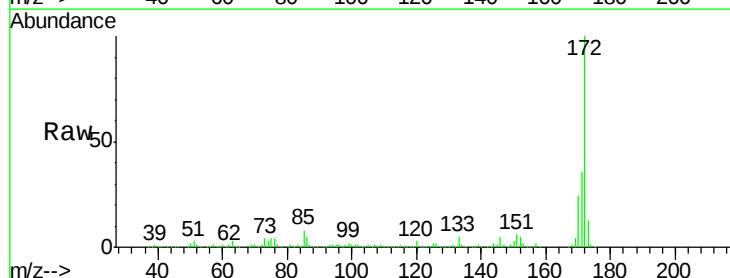


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

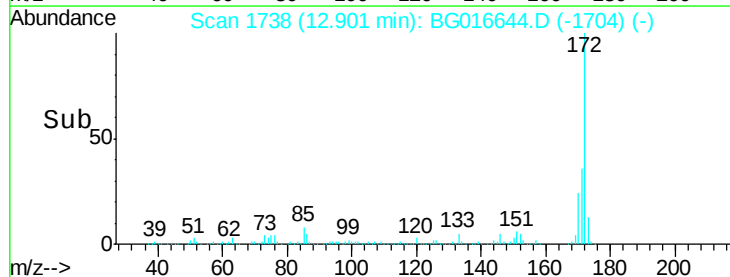
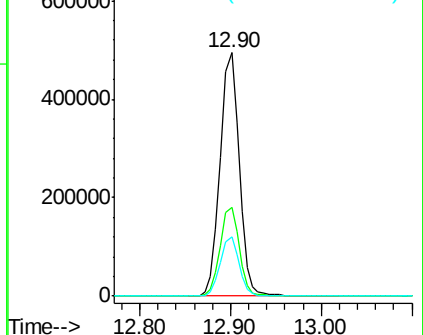


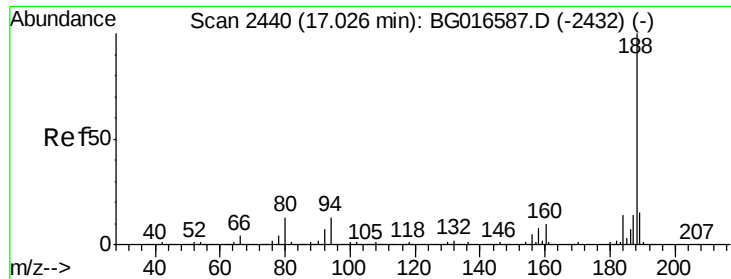
#44
 2-Fluorobiphenyl
 Concen: 96.58 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG016644.D
 Acq: 23 Apr 2015 7:50

Tgt Ion:172 Resp: 725349
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.3 19.4 29.0



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: 17.03 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG016644.D

Acq: 23 Apr 2015 7:50

Instrument :

BNA_G

ClientSampleId :

TEC-07

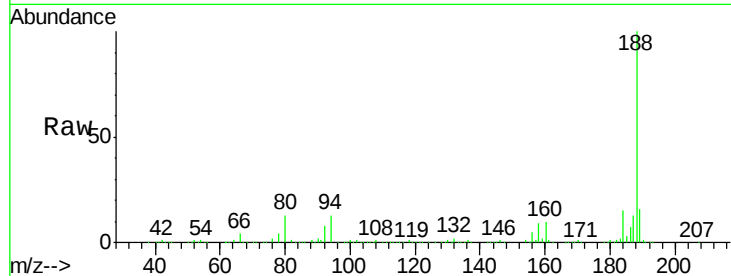
Tot Ion:188 Resp: 289309

Ion Ratio Lower Upper

188 100

94 12.9 10.5 15.7

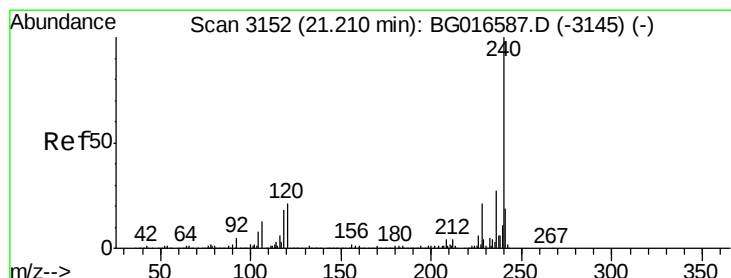
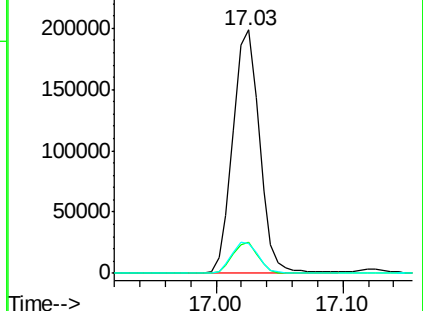
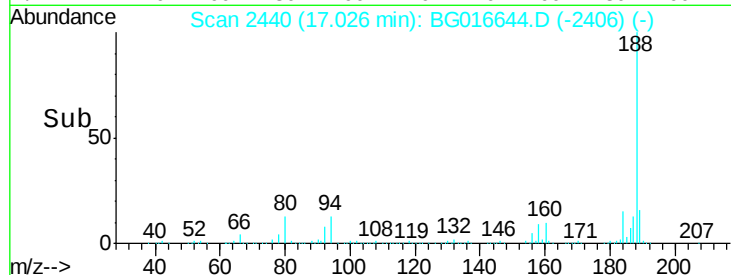
80 12.5 10.6 16.0



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: 21.20 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG016644.D

Acq: 23 Apr 2015 7:50

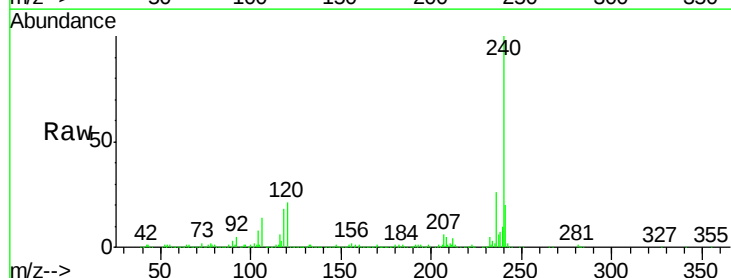
Tgt Ion:240 Resp: 270897

Ion Ratio Lower Upper

240 100

120 21.1 16.7 25.1

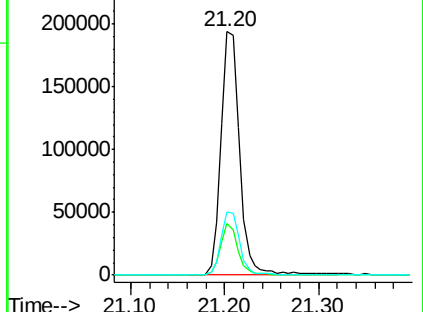
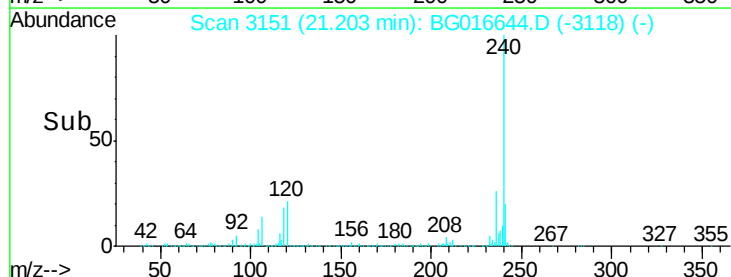
236 26.1 21.7 32.5

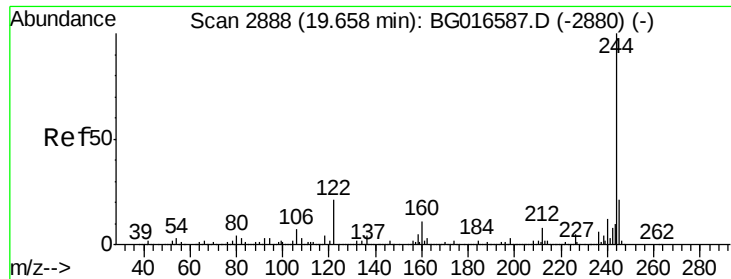


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.87 ng

RT: 19.66 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG016644.D

Acq: 23 Apr 2015 7:50

Instrument :

BNA_G

ClientSampleId :

TEC-07

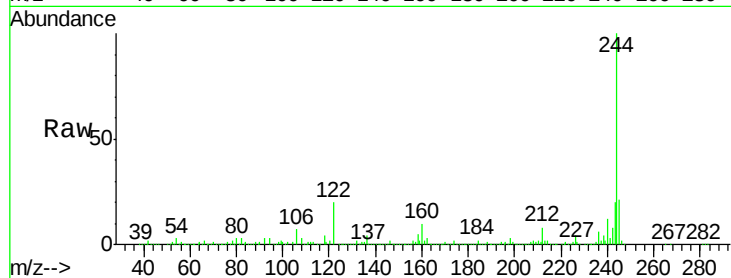
Tot Ion:244 Resp: 1033058

Ion Ratio Lower Upper

244 100

212 8.2 6.8 10.2

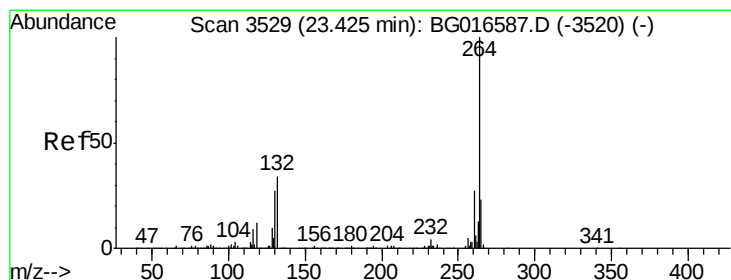
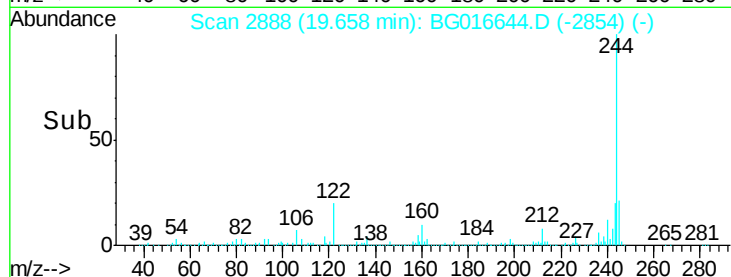
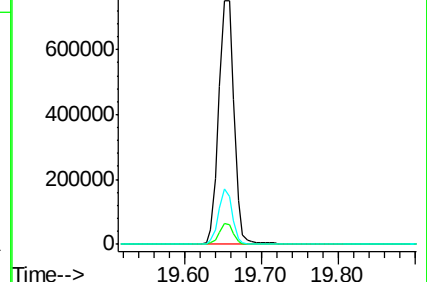
122 19.8 17.0 25.6



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: 23.42 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG016644.D

Acq: 23 Apr 2015 7:50

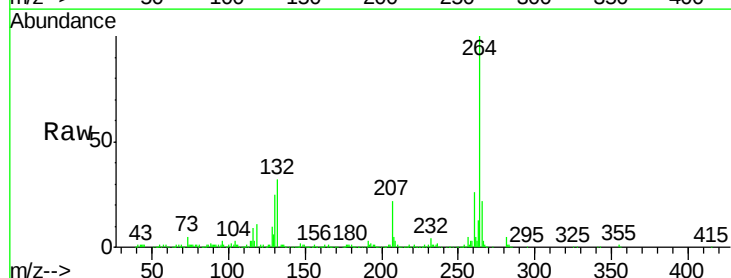
Tgt Ion:264 Resp: 240891

Ion Ratio Lower Upper

264 100

260 25.8 21.4 32.2

265 21.7 18.7 28.1



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

