

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
 Data File : BG016649.D
 Acq On : 23 Apr 2015 10:44
 Operator : TP/IZ
 Sample : PB82924TB
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82924TB

Quant Time: Apr 23 15:43:22 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	7.63	152	45632	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	189402	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	113135	20.00	ng	0.00
63) Phenanthrene-d10	17.03	188	290150	20.00	ng	0.00
75) Chrysene-d12	21.20	240	304233	20.00	ng	0.00
86) Perylene-d12	23.42	264	289529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	365894	128.51	ng	0.00
7) Phenol-d6	6.84	99	503581	126.60	ng	0.01
23) Nitrobenzene-d5	8.79	82	241041	78.36	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	128393	167.09	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	568193	83.18	ng	0.00
78) Terphenyl-d14	19.65	244	982172	77.78	ng	0.00

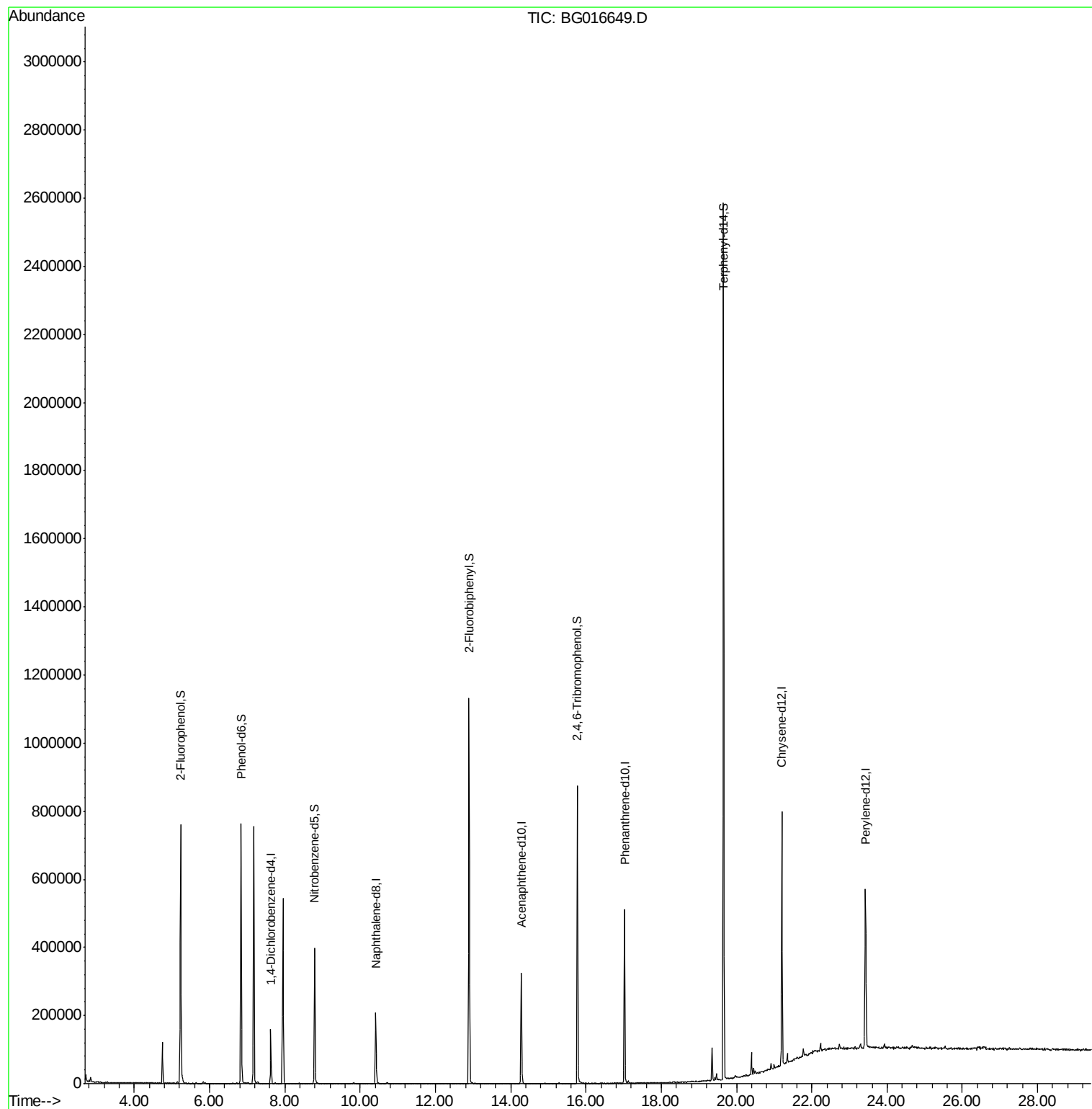
Target Compounds Qvalue

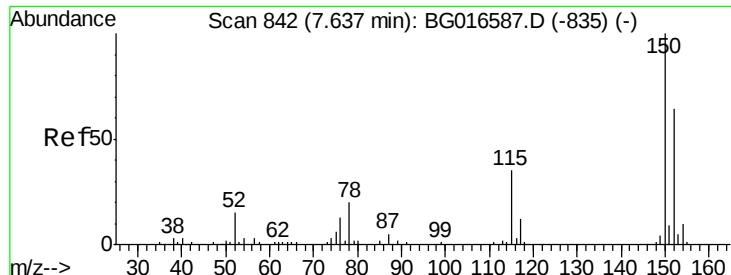
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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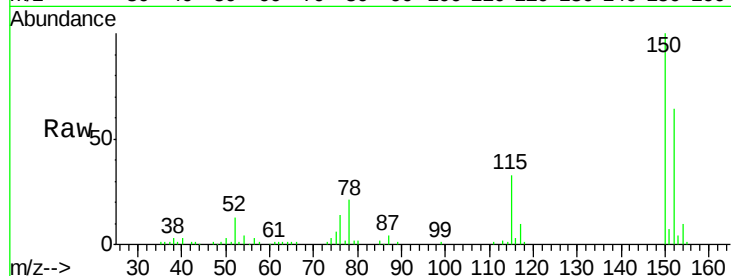


#1

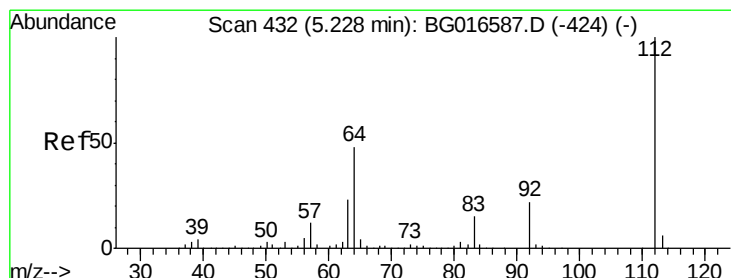
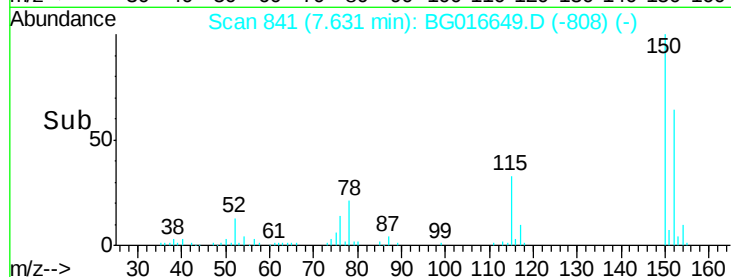
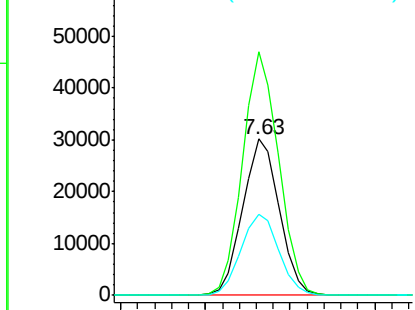
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG016649.D
Acq: 23 Apr 2015 10:44

Instrument :
BNA_G
ClientSampleId :
PB82924TB

Tot Ion:152 Resp: 45632
Ion Ratio Lower Upper
152 100
150 155.9 125.5 188.3
115 52.0 44.5 66.7



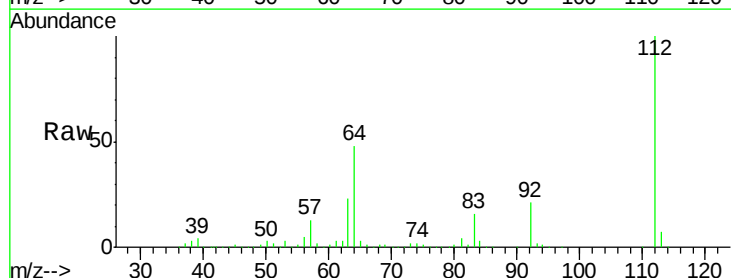
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



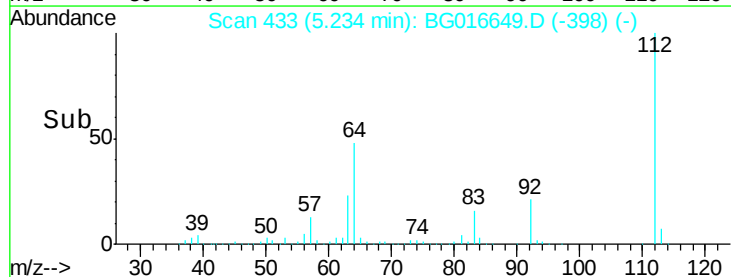
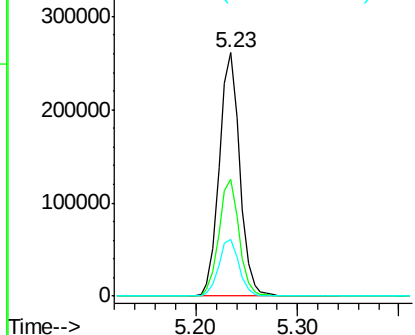
#5

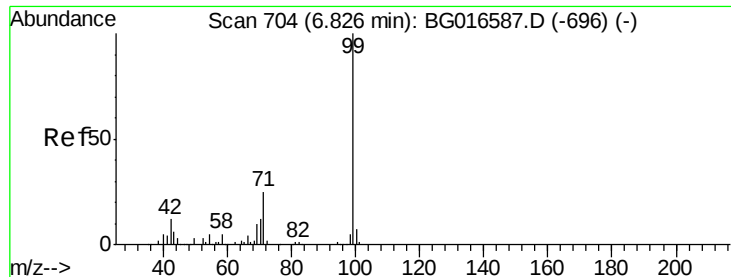
2-Fluorophenol
Concen: 128.51 ng
RT: 5.23 min Scan# 433
Delta R.T. 0.01 min
Lab File: BG016649.D
Acq: 23 Apr 2015 10:44

Tgt Ion:112 Resp: 365894
Ion Ratio Lower Upper
112 100
64 48.3 38.5 57.7
63 23.1 18.2 27.4



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: 126.60 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG016649.D

Acq: 23 Apr 2015 10:44

Instrument :

BNA_G

ClientSampleId :

PB82924TB

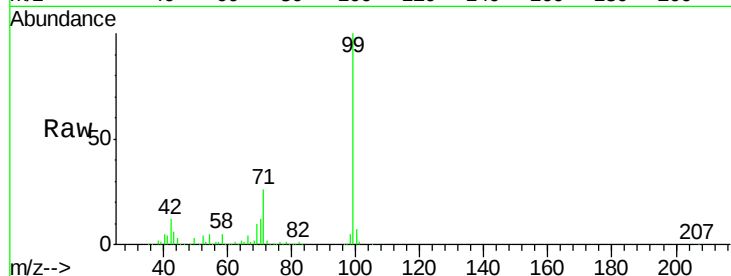
Tot Ion: 99 Resp: 503581

Ion Ratio Lower Upper

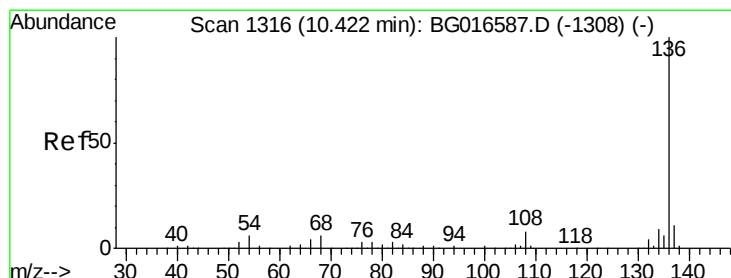
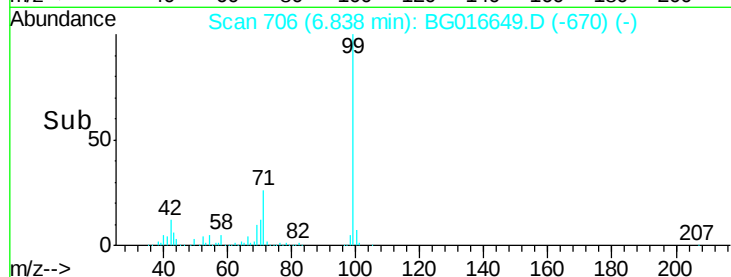
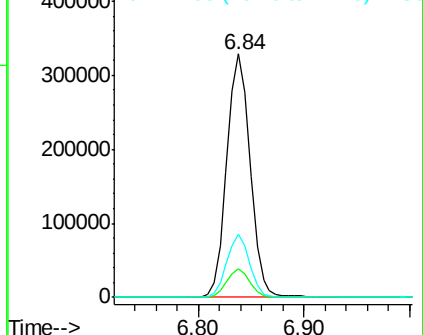
99 100

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: BG016649.D

Acq: 23 Apr 2015 10:44

Tgt Ion: 136 Resp: 189402

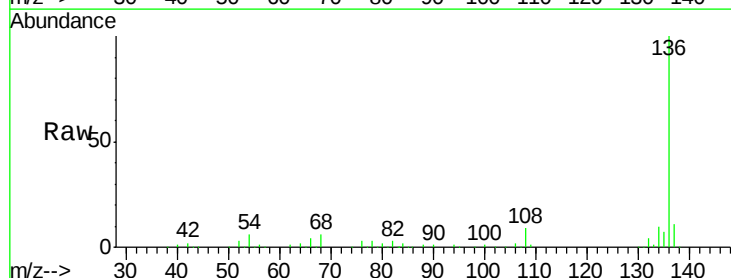
Ion Ratio Lower Upper

136 100

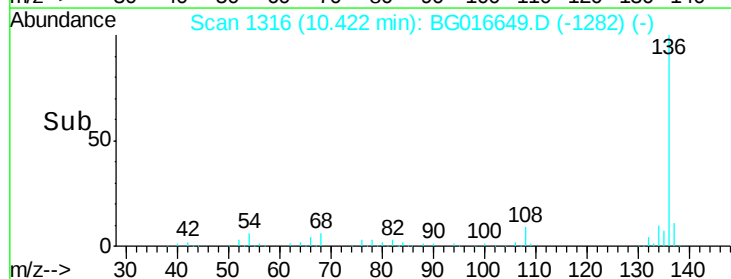
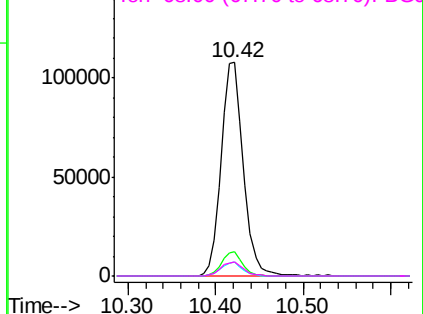
137 11.2 8.8 13.2

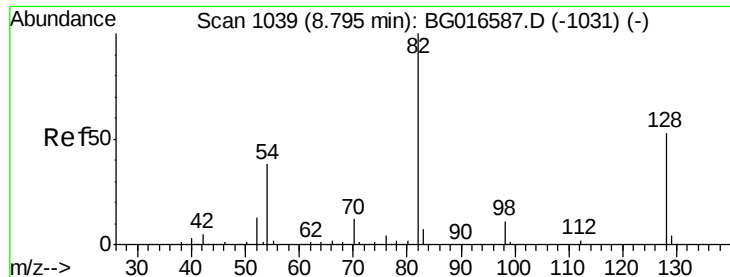
54 6.5 4.9 7.3

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: 78.36 ng

RT: 8.79 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BG016649.D

Acq: 23 Apr 2015 10:44

Instrument :

BNA_G

ClientSampleId :

PB82924TB

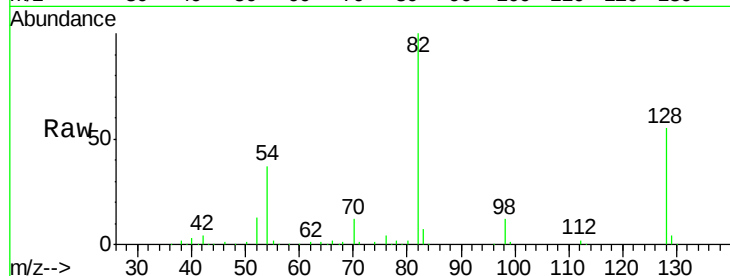
Tot Ion: 82 Resp: 241041

Ion Ratio Lower Upper

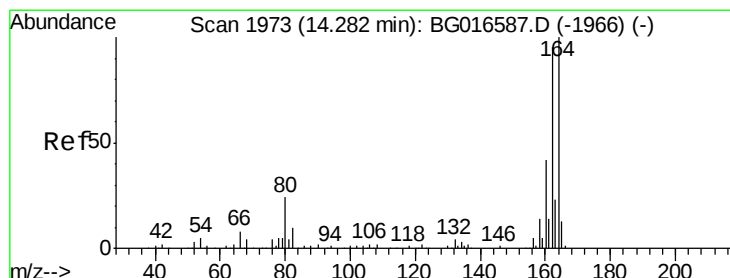
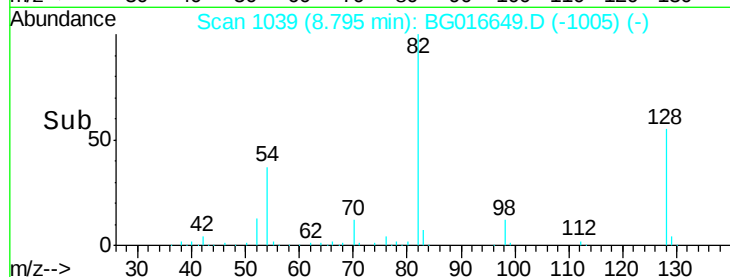
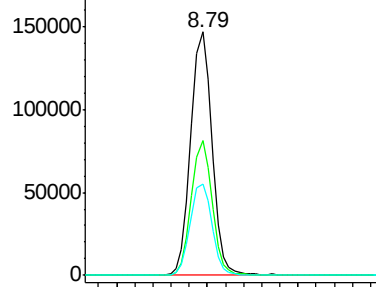
82 100

128 55.2 42.7 64.1

54 37.3 30.6 45.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.28 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG016649.D

Acq: 23 Apr 2015 10:44

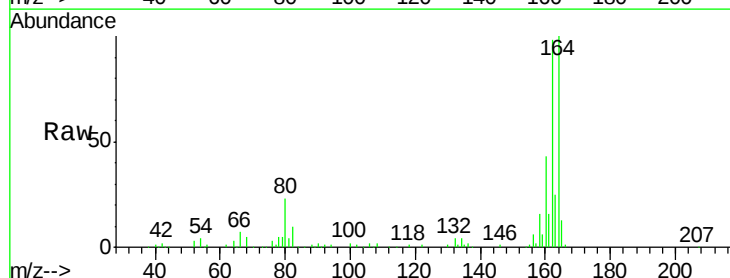
Tgt Ion: 164 Resp: 113135

Ion Ratio Lower Upper

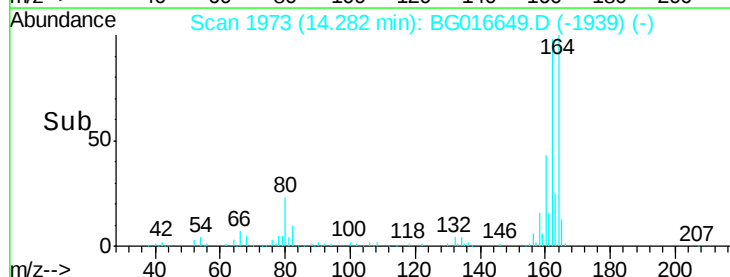
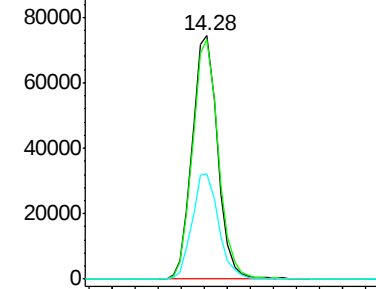
164 100

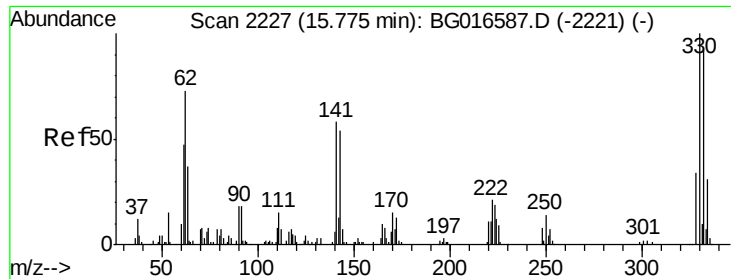
162 98.2 75.8 113.6

160 43.5 33.8 50.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

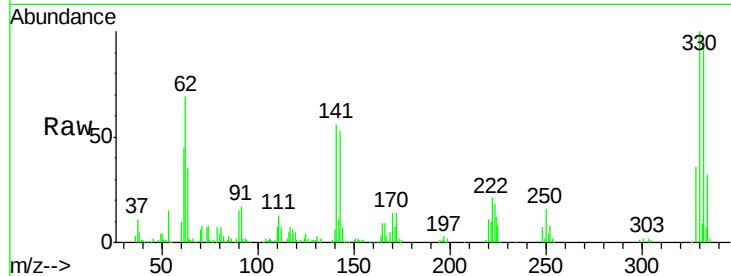




#41
 2,4,6-Tribromophenol
 Concen: 167.09 ng
 RT: 15.77 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG016649.D
 Acq: 23 Apr 2015 10:44

Instrument :
 BNA_G
 ClientSampleId :
 PB82924TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	53.2	45.9	68.9

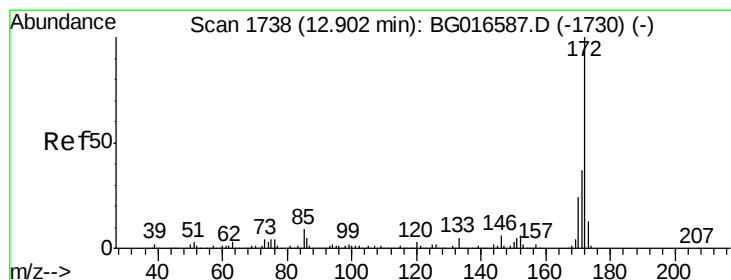
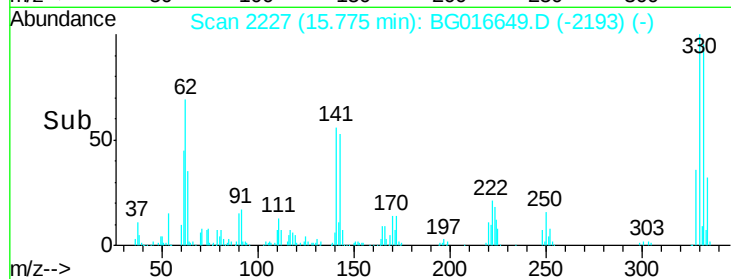
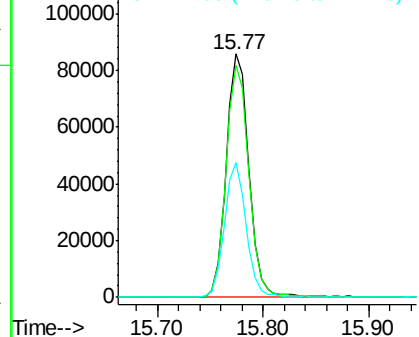


Abundance

Ion 329.80 (329.50 to 330.50): E

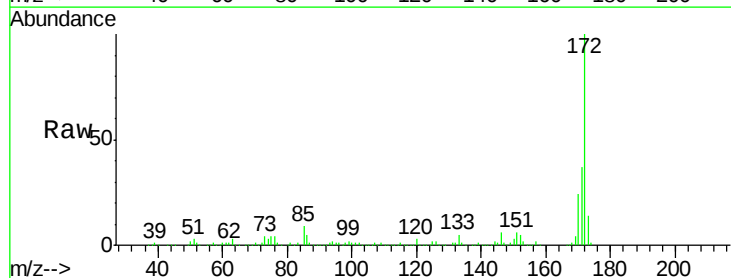
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.18 ng
 RT: 12.90 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG016649.D
 Acq: 23 Apr 2015 10:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	23.9	19.4	29.0

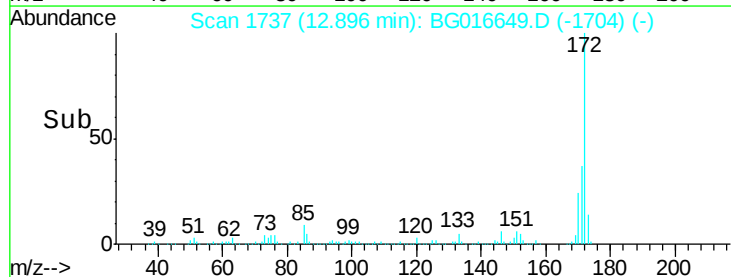
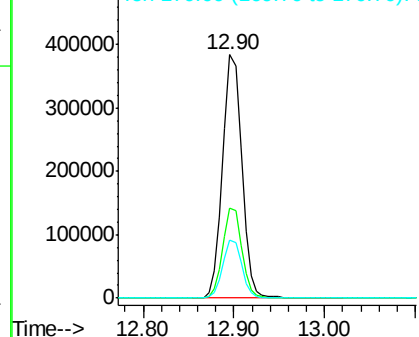


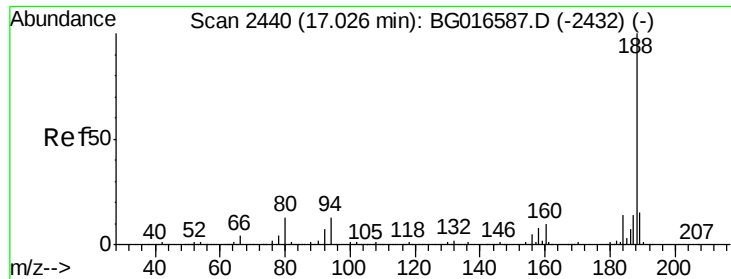
Abundance

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

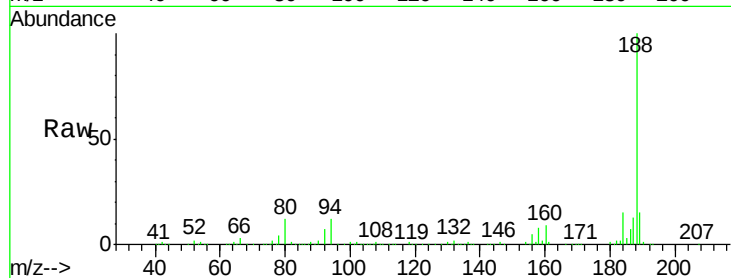




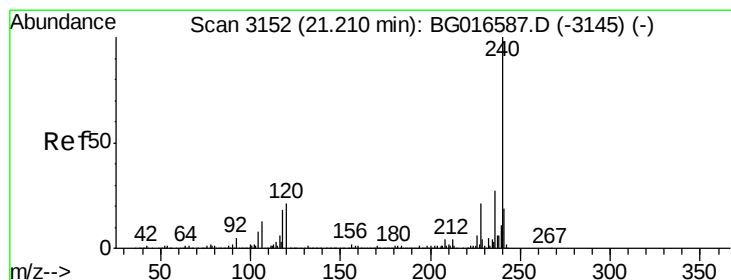
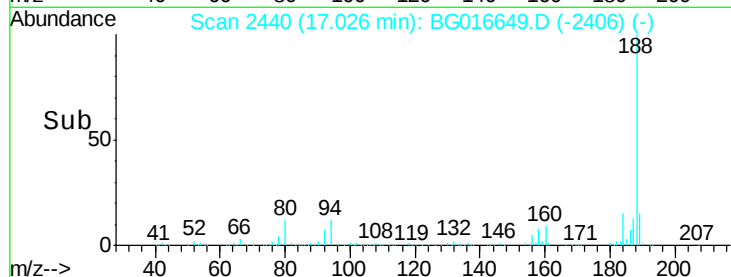
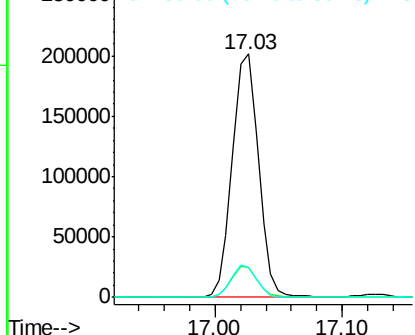
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.03 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG016649.D
Acq: 23 Apr 2015 10:44

Instrument :
BNA_G
ClientSampleId :
PB82924TB

Tot Ion:188 Resp: 290150
Ion Ratio Lower Upper
188 100
94 12.2 10.5 15.7
80 12.2 10.6 16.0

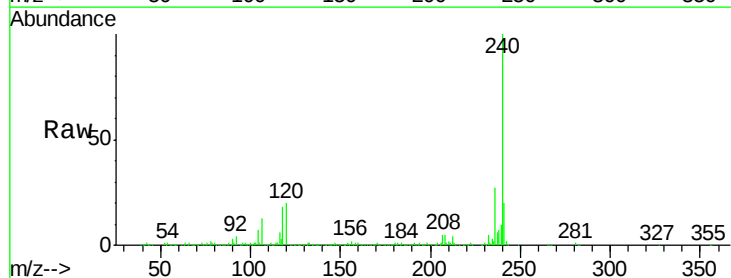


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

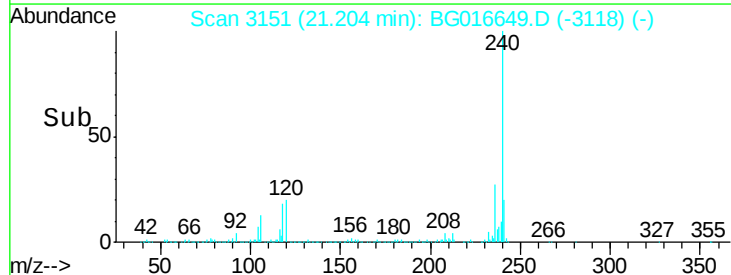
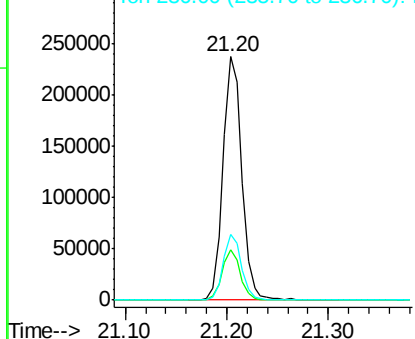


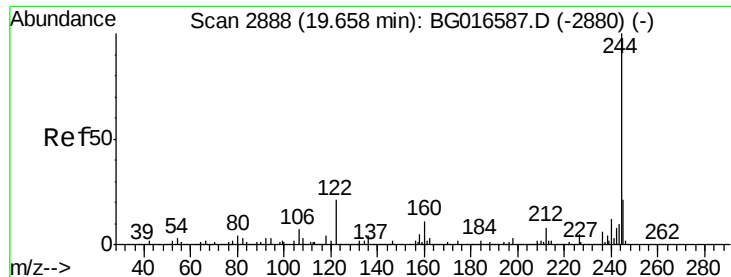
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG016649.D
Acq: 23 Apr 2015 10:44

Tgt Ion:240 Resp: 304233
Ion Ratio Lower Upper
240 100
120 20.4 16.7 25.1
236 26.9 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: 77.78 ng

RT: 19.65 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG016649.D

Acq: 23 Apr 2015 10:44

Instrument :

BNA_G

ClientSampleId :

PB82924TB

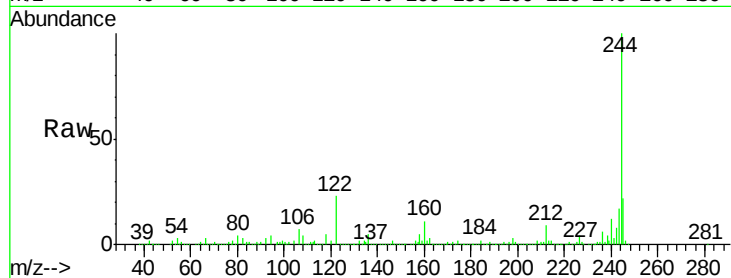
Tot Ion:244 Resp: 982172

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

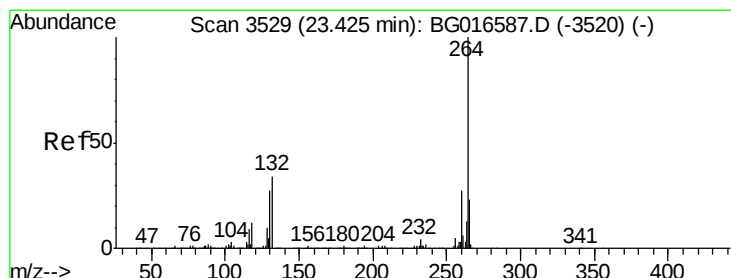
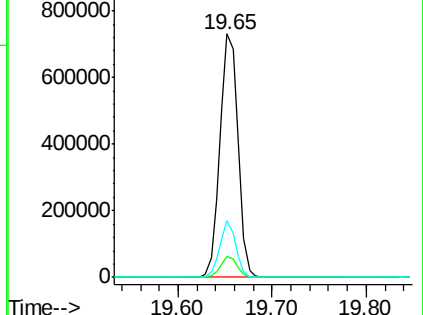
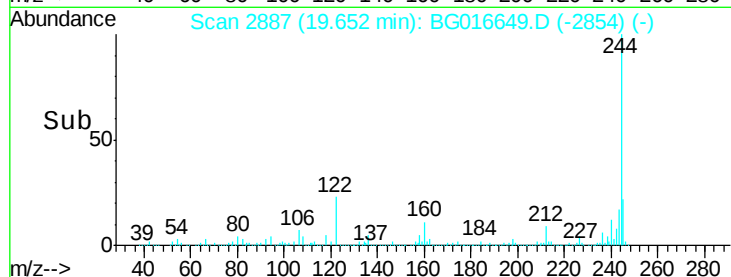
122 23.3 17.0 25.6



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: BG016649.D

Acq: 23 Apr 2015 10:44

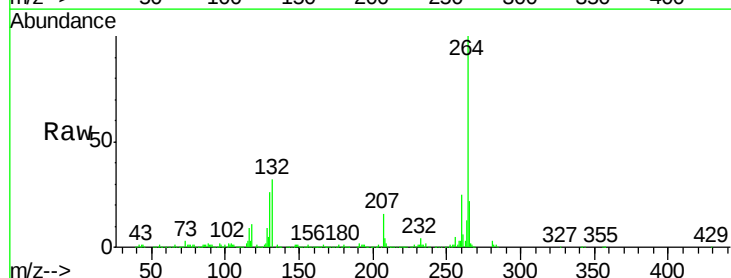
Tgt Ion:264 Resp: 289529

Ion Ratio Lower Upper

264 100

260 25.5 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

