

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
 Data File : BG016671.D
 Acq On : 24 Apr 2015 3:49
 Operator : TP/IZ
 Sample : G1950-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(0-5)

Quant Time: Apr 24 04:42:15 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 04:29:05 2015
 Response via : Initial Calibration

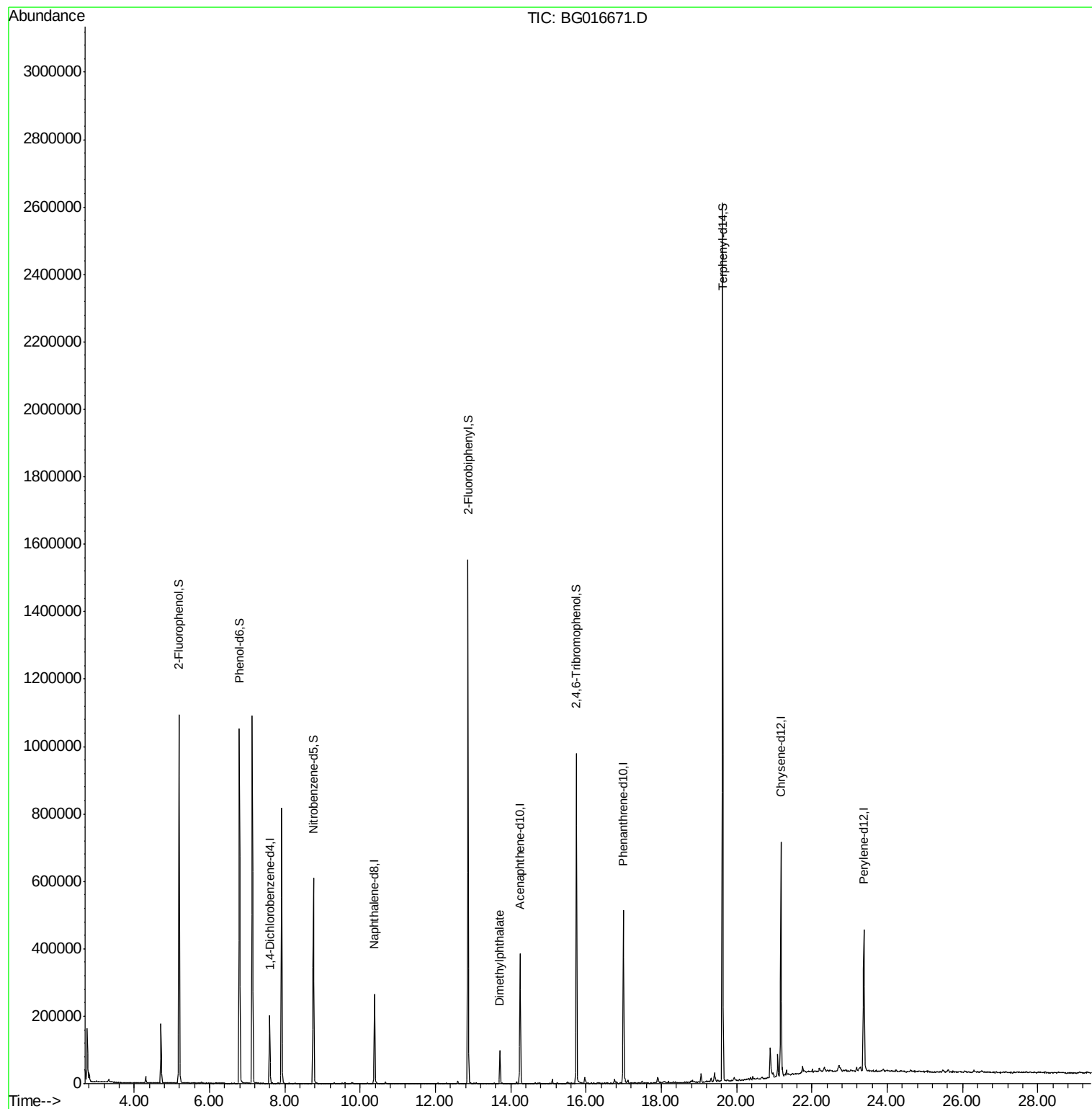
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	55898	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	231180	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	132498	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	275547	20.00	ng	0.00
75) Chrysene-d12	21.18	240	272487	20.00	ng	0.00
86) Perylene-d12	23.38	264	253111	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	510578	148.22	ng	0.00
7) Phenol-d6	6.80	99	702662	145.40	ng	0.00
23) Nitrobenzene-d5	8.76	82	352079	96.23	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	137639	140.03	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	771729	93.58	ng	0.00
78) Terphenyl-d14	19.63	244	954078	80.66	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.71	163	68206	6.88	ng	Qvalue 99

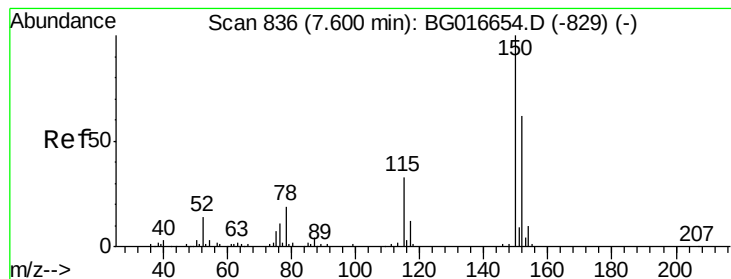
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 24 04:29:05 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG016671.D

Acq: 24 Apr 2015 3:49

Instrument :

BNA_G

ClientSampleId :

PS-20(0-5)

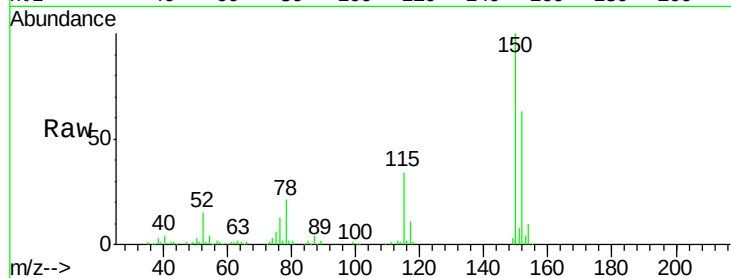
Tot Ion:152 Resp: 55898

Ion Ratio Lower Upper

152 100

150 158.5 129.6 194.4

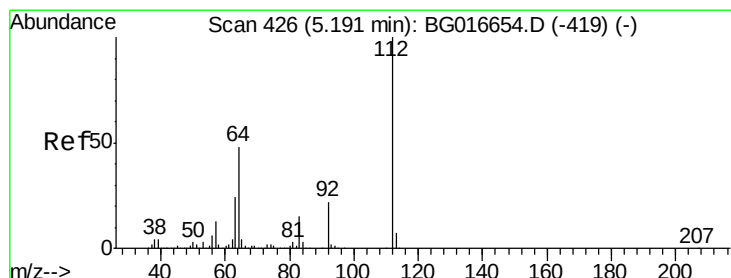
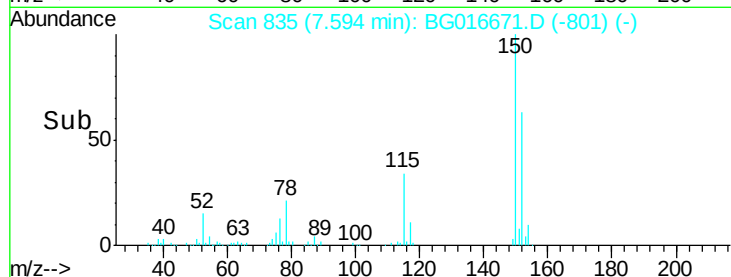
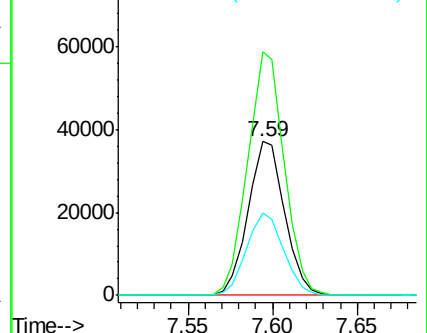
115 53.3 43.0 64.6



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: 148.22 ng

RT: 5.19 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG016671.D

Acq: 24 Apr 2015 3:49

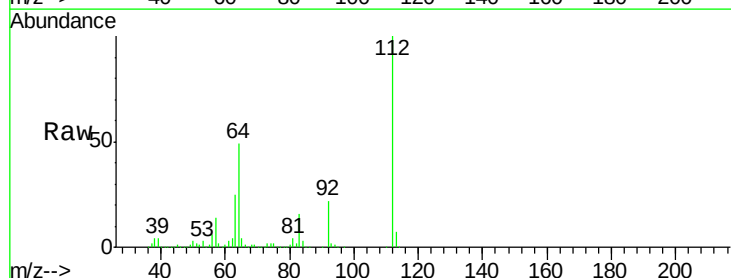
Tgt Ion:112 Resp: 510578

Ion Ratio Lower Upper

112 100

64 49.2 38.3 57.5

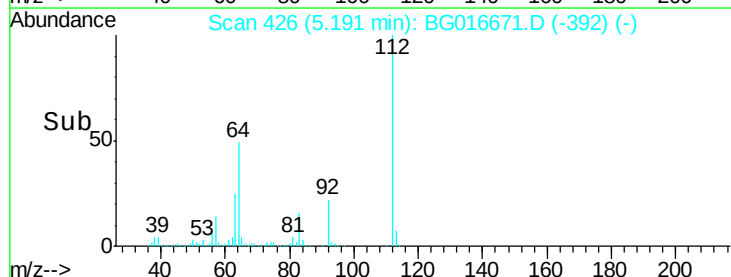
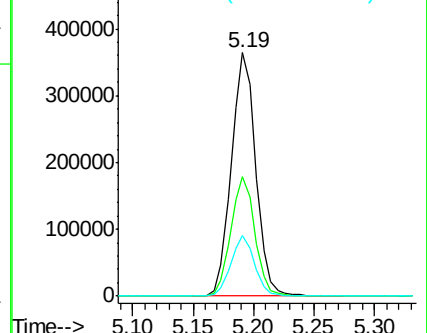
63 24.7 18.9 28.3

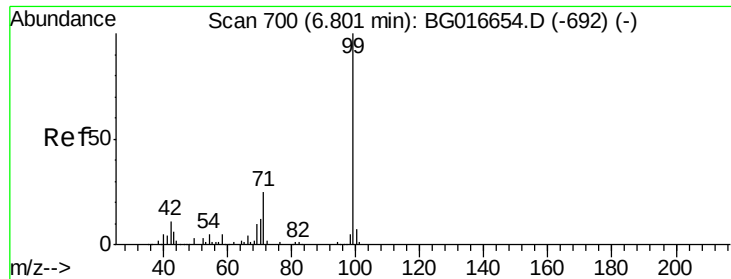


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 145.40 ng

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG016671.D

Acq: 24 Apr 2015 3:49

Instrument :

BNA_G

ClientSampleId :

PS-20(0-5)

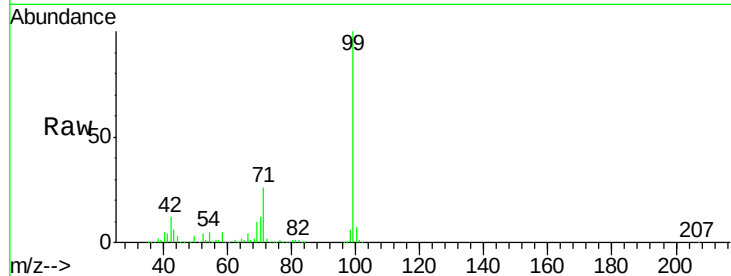
Tot Ion: 99 Resp: 702662

Ion Ratio Lower Upper

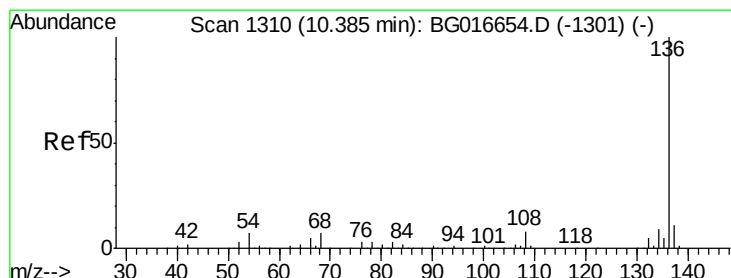
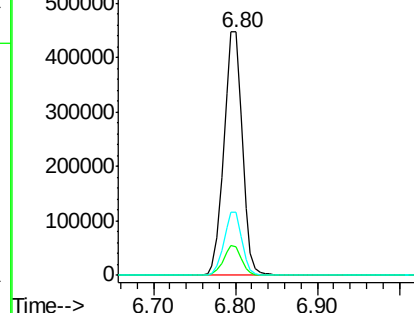
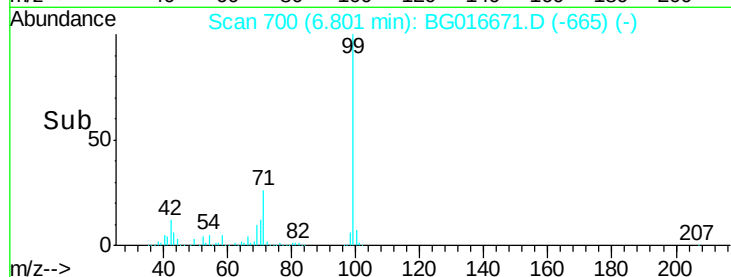
99 100

42 11.7 8.8 13.2

71 26.0 19.9 29.9



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: 10.38 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG016671.D

Acq: 24 Apr 2015 3:49

Tgt Ion: 136 Resp: 231180

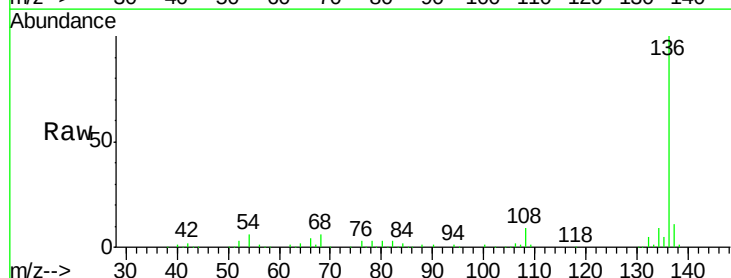
Ion Ratio Lower Upper

136 100

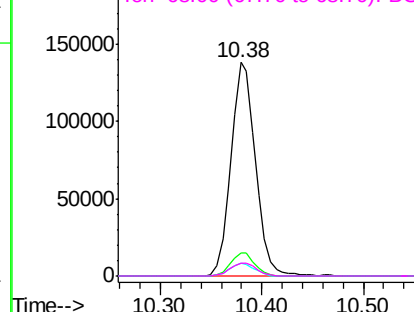
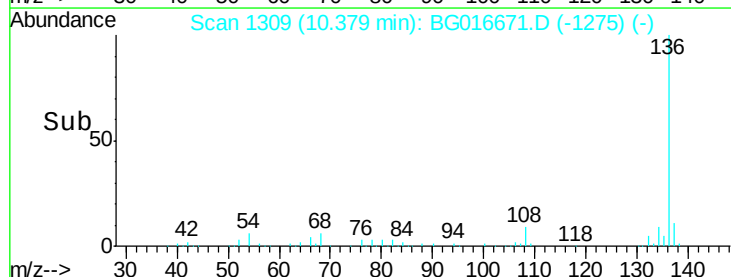
137 10.8 8.5 12.7

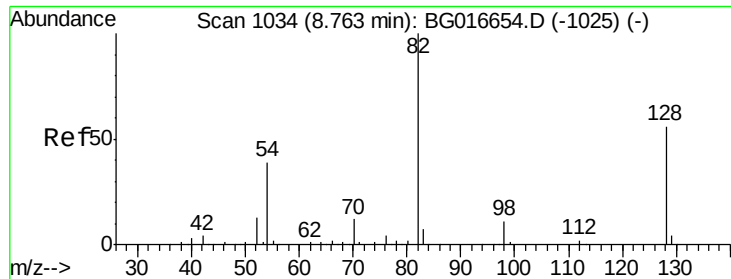
54 6.0 5.4 8.2

68 6.2 5.2 7.8



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

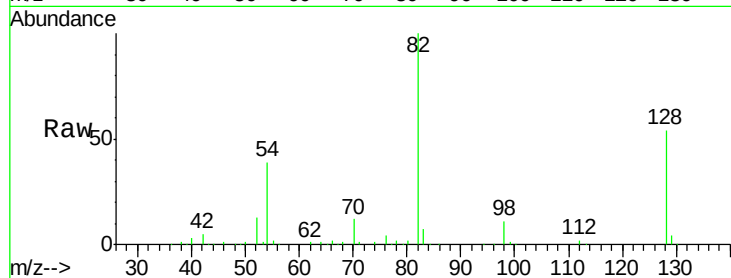




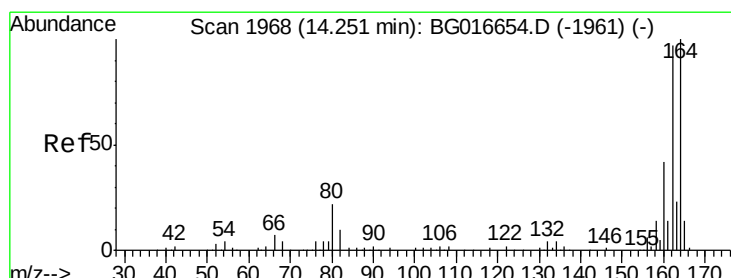
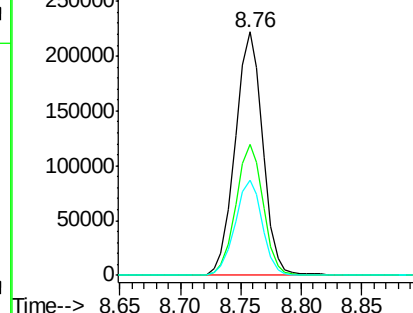
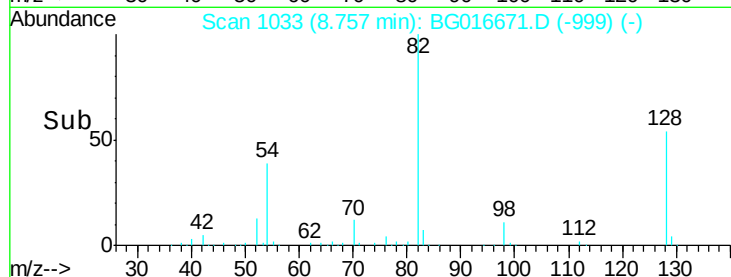
#23
 Nitrobenzene-d5
 Concen: 96.23 ng
 RT: 8.76 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG016671.D
 Acq: 24 Apr 2015 3:49

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(0-5)

Tot Ion	82	Resp	352079
Ion Ratio	Lower	Upper	
82	100		
128	54.0	44.7	67.1
54	38.9	30.9	46.3

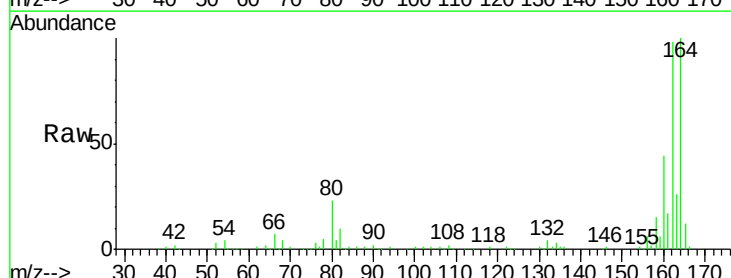


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

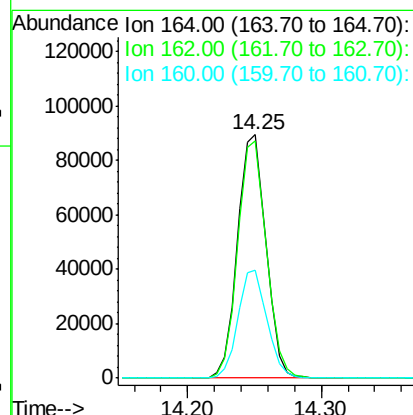
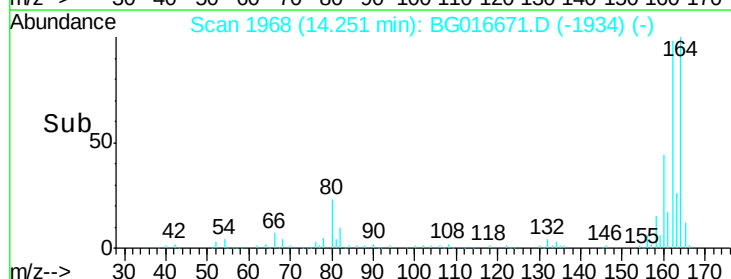


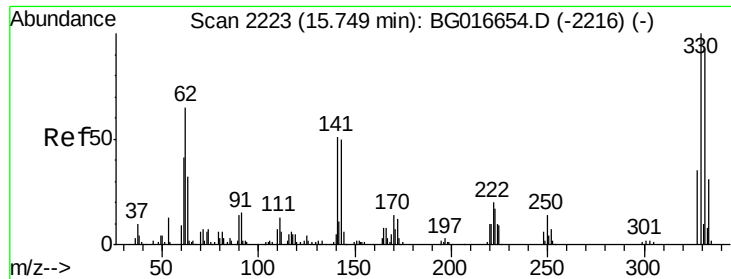
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.25 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG016671.D
 Acq: 24 Apr 2015 3:49

Tgt Ion	164	Resp	132498
Ion Ratio	Lower	Upper	
164	100		
162	97.5	77.3	115.9
160	44.1	33.7	50.5



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

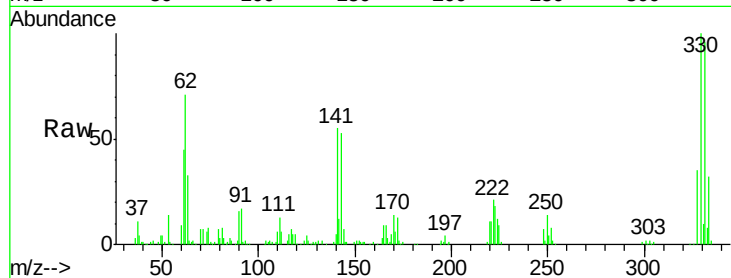




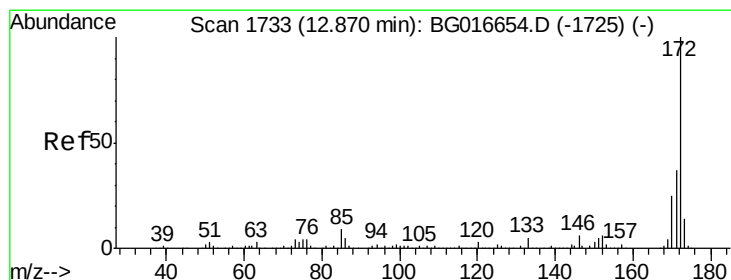
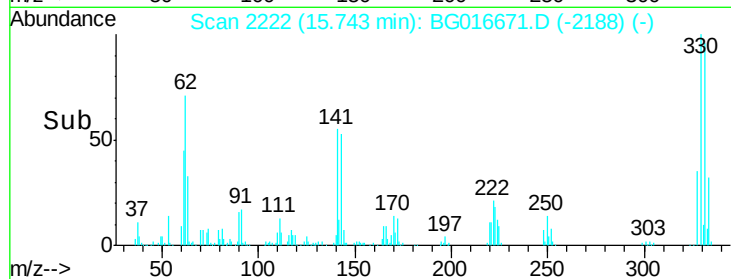
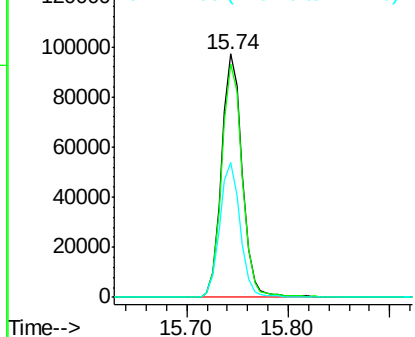
#41
 2,4,6-Tribromophenol
 Concen: 140.03 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG016671.D
 Acq: 24 Apr 2015 3:49

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(0-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.2	114.4
141	55.0	43.0	64.6

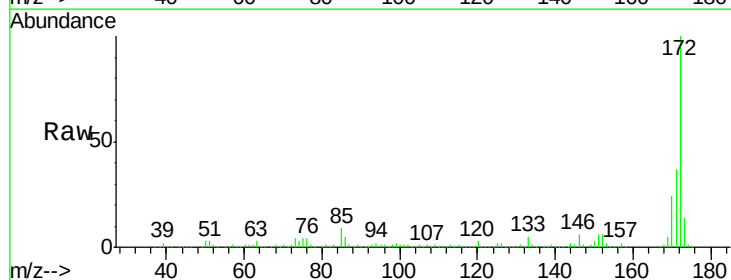


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

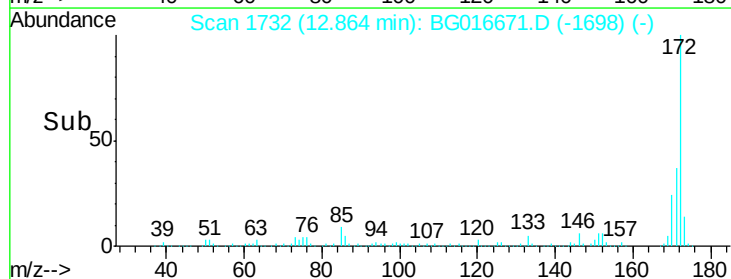
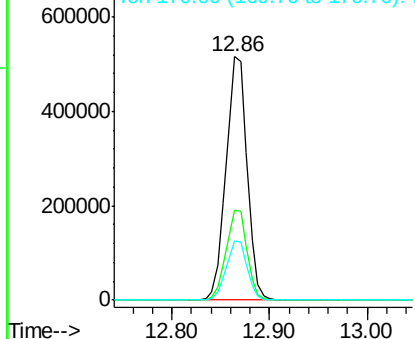


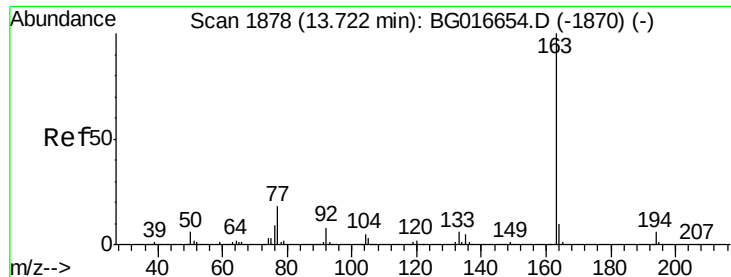
#44
 2-Fluorobiphenyl
 Concen: 93.58 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG016671.D
 Acq: 24 Apr 2015 3:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.9	44.9
170	24.4	19.8	29.8



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





#49

Dimethylphthalate

Concen: 6.88 ng

RT: 13.71 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG016671.D

Acq: 24 Apr 2015 3:49

Instrument :

BNA_G

ClientSampleId :

PS-20(0-5)

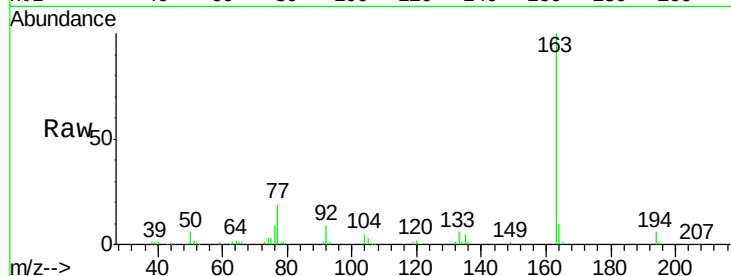
Tot Ion:163 Resp: 68206

Ion Ratio Lower Upper

163 100

194 5.7 5.0 7.4

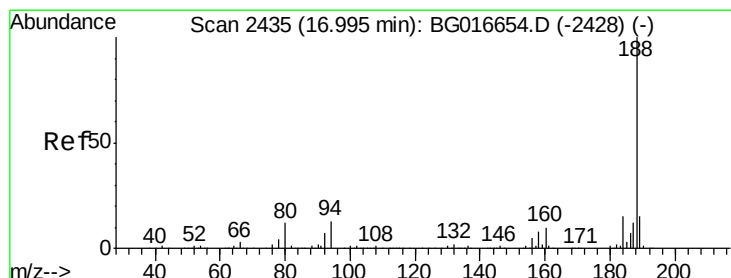
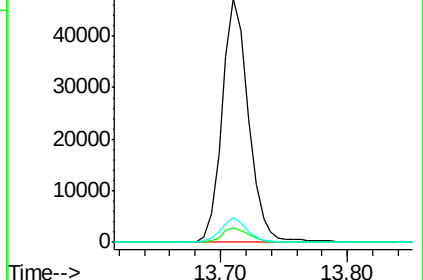
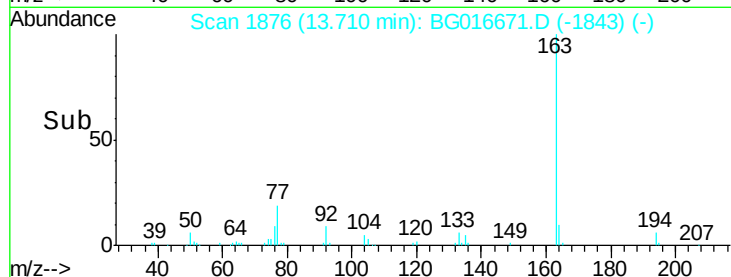
164 10.3 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.99 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG016671.D

Acq: 24 Apr 2015 3:49

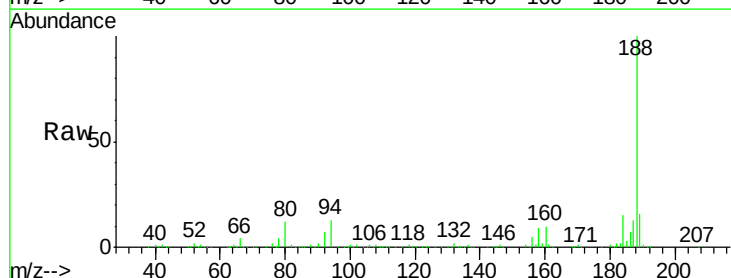
Tgt Ion:188 Resp: 275547

Ion Ratio Lower Upper

188 100

94 12.5 10.7 16.1

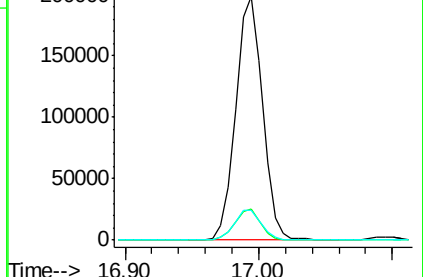
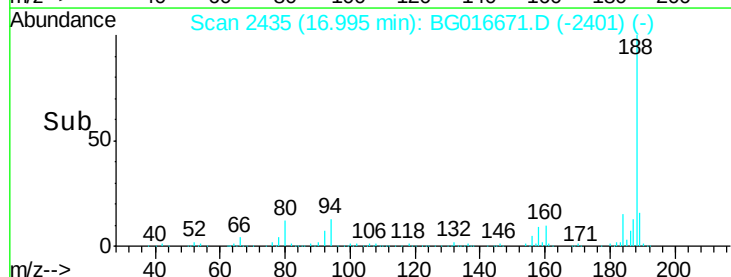
80 12.2 9.9 14.9

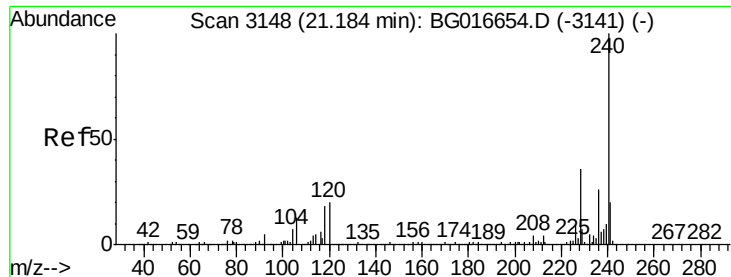


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.18 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG016671.D

Acq: 24 Apr 2015 3:49

Instrument :

BNA_G

ClientSampleId :

PS-20(0-5)

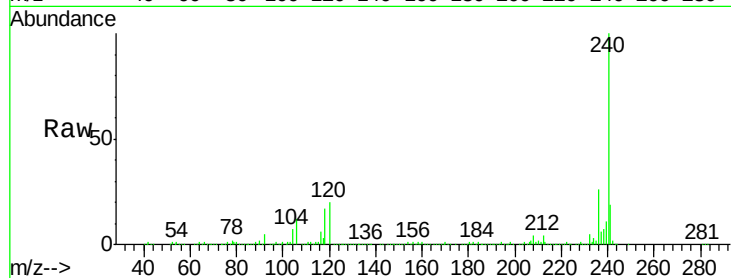
Tot Ion:240 Resp: 272487

Ion Ratio Lower Upper

240 100

120 19.8 16.3 24.5

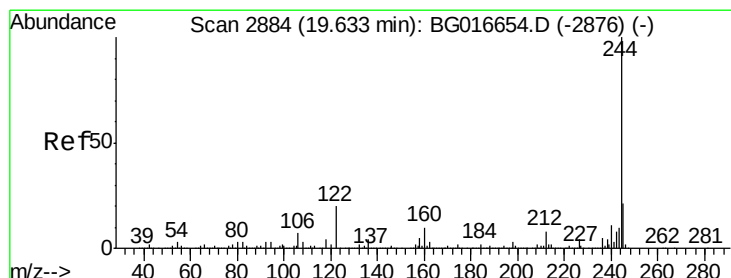
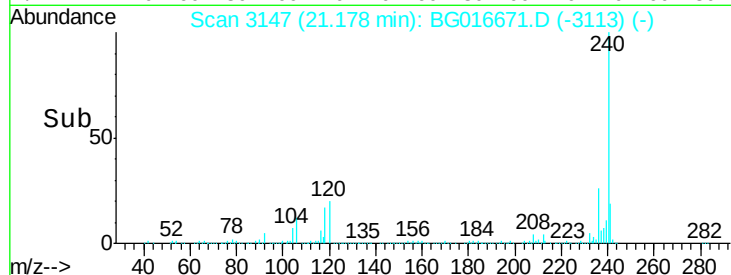
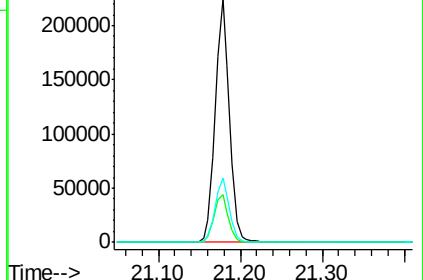
236 26.3 21.1 31.7



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: 80.66 ng

RT: 19.63 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG016671.D

Acq: 24 Apr 2015 3:49

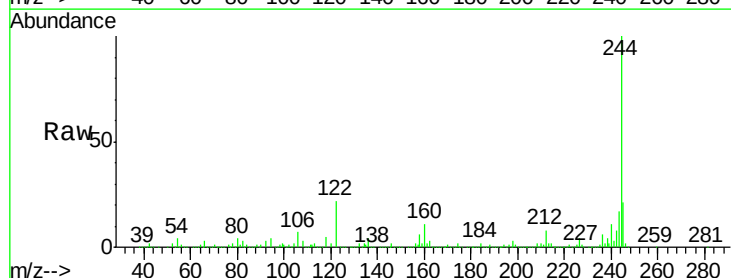
Tgt Ion:244 Resp: 954078

Ion Ratio Lower Upper

244 100

212 8.5 6.4 9.6

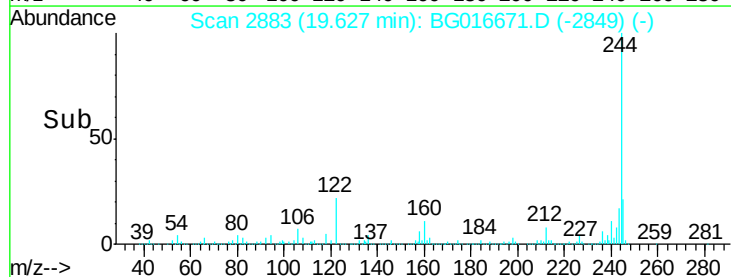
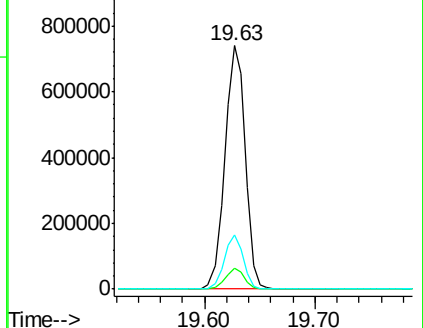
122 22.3 15.9 23.9

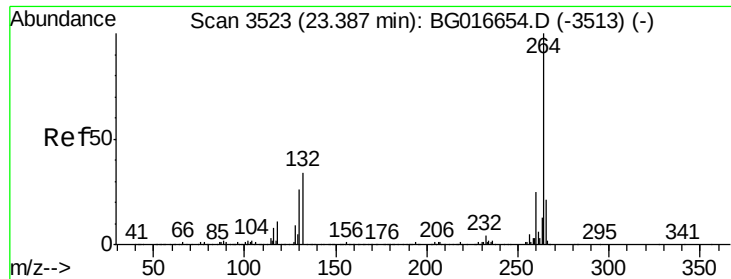


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

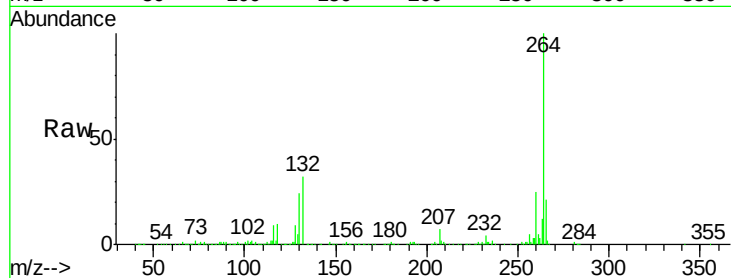




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.38 min Scan# 3522
Delta R.T. -0.01 min
Lab File: BG016671.D
Acq: 24 Apr 2015 3:49

Instrument :
BNA_G
ClientSampleId :
PS-20(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	21.3	16.8	25.2



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

