

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042715\
 Data File : BG016756.D
 Acq On : 28 Apr 2015 6:54
 Operator : TP/IZ
 Sample : G2020-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-030

Quant Time: Apr 28 07:48:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 06:33:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	59834	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	250503	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	142603	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	268810	20.00	ng	0.00
75) Chrysene-d12	21.16	240	239555	20.00	ng	0.00
86) Perylene-d12	23.35	264	232582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	431698	117.08	ng	0.00
7) Phenol-d6	6.77	99	581343	112.38	ng	0.00
23) Nitrobenzene-d5	8.73	82	296255	74.73	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	131288	124.10	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	660298	74.39	ng	0.00
78) Terphenyl-d14	19.61	244	690699	66.42	ng	0.00

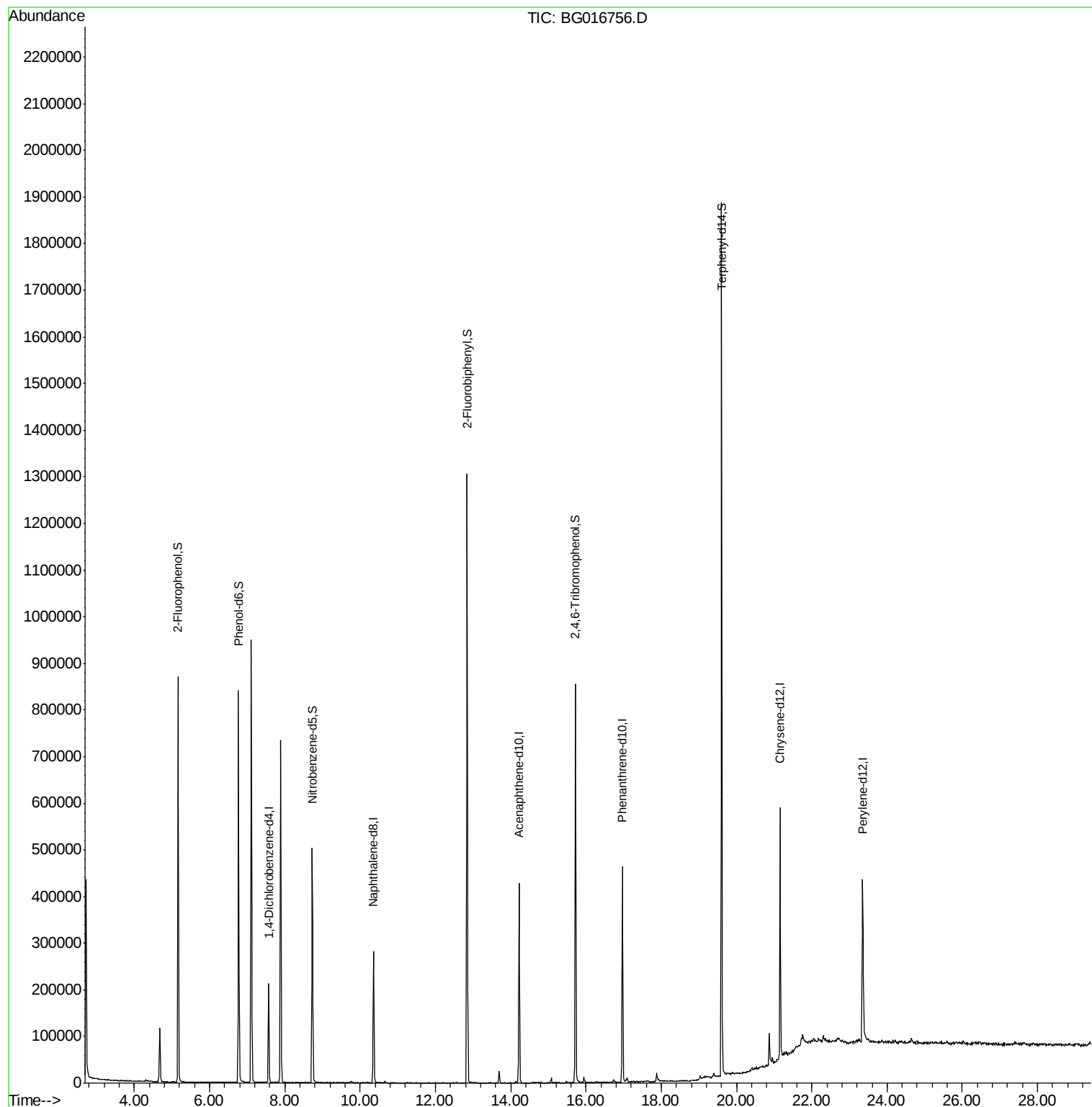
Target Compounds	Qvalue
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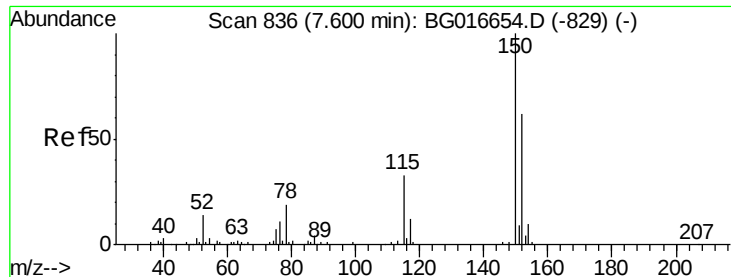
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 28 06:33:47 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG016756.D

Acq: 28 Apr 2015 6:54

Instrument :

BNA_G

ClientSampleId :

FS-030

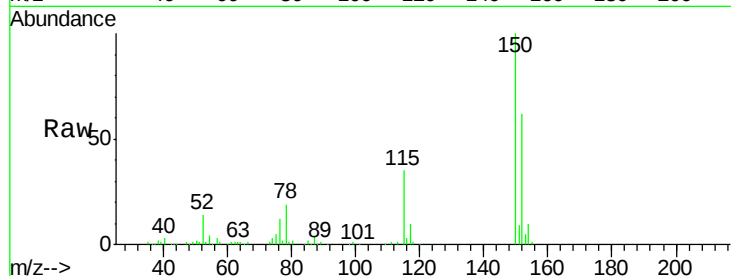
Tgt Ion:152 Resp: 59834

Ion Ratio Lower Upper

152 100

150 160.4 129.6 194.4

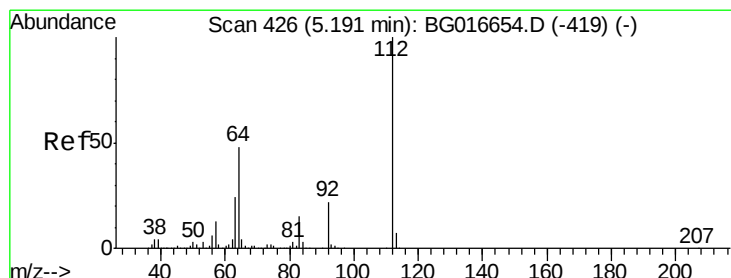
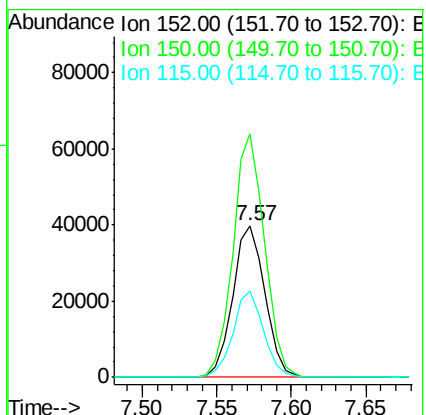
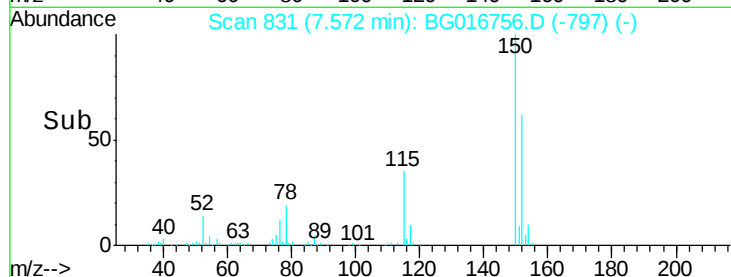
115 56.4 43.0 64.6



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: 117.08 ng

RT: 5.17 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG016756.D

Acq: 28 Apr 2015 6:54

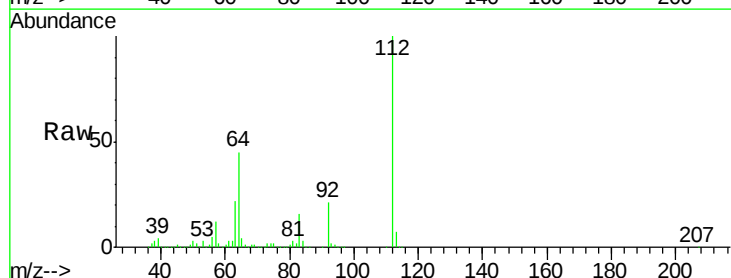
Tgt Ion:112 Resp: 431698

Ion Ratio Lower Upper

112 100

64 45.2 38.3 57.5

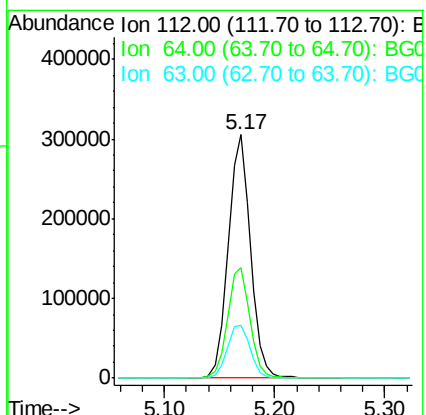
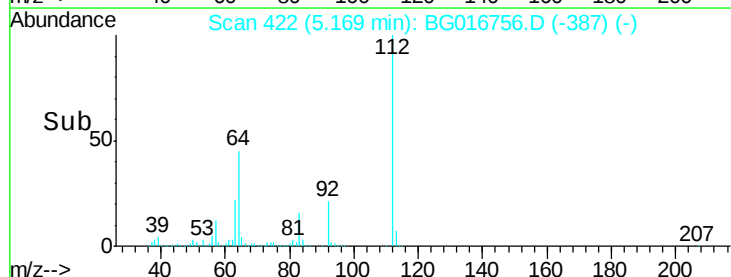
63 21.8 18.9 28.3

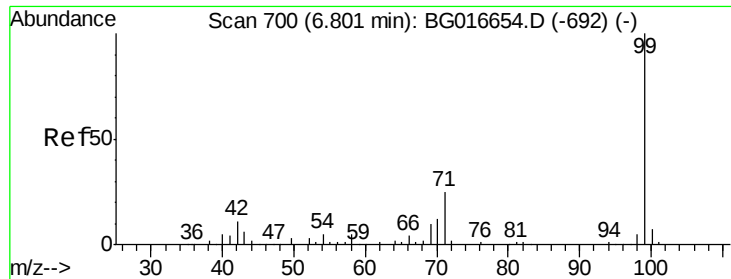


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.38 ng

RT: 6.77 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG016756.D

Acq: 28 Apr 2015 6:54

Instrument :

BNA_G

ClientSampleId :

FS-030

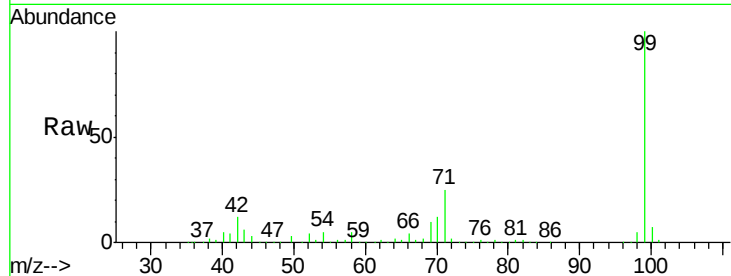
Tgt Ion: 99 Resp: 581343

Ion Ratio Lower Upper

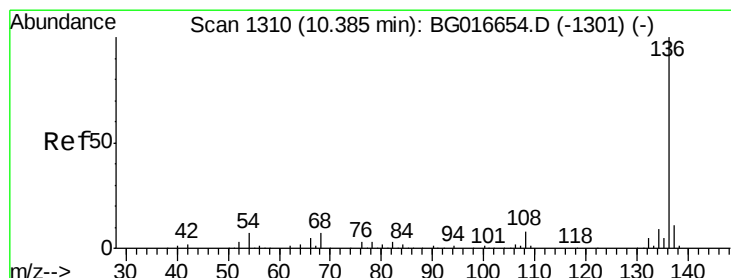
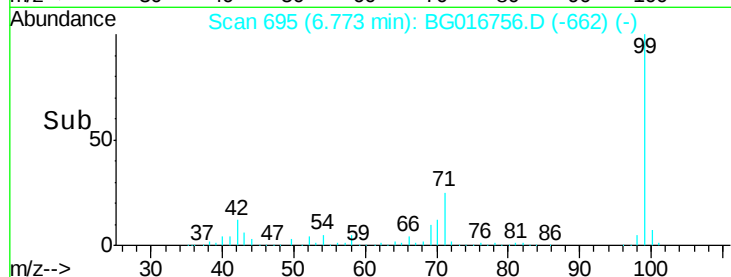
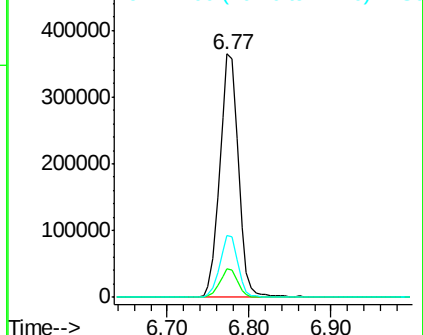
99 100

42 11.7 8.8 13.2

71 25.5 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: 10.36 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BG016756.D

Acq: 28 Apr 2015 6:54

Tgt Ion: 136 Resp: 250503

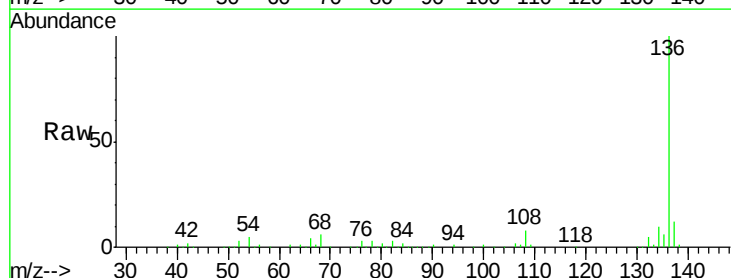
Ion Ratio Lower Upper

136 100

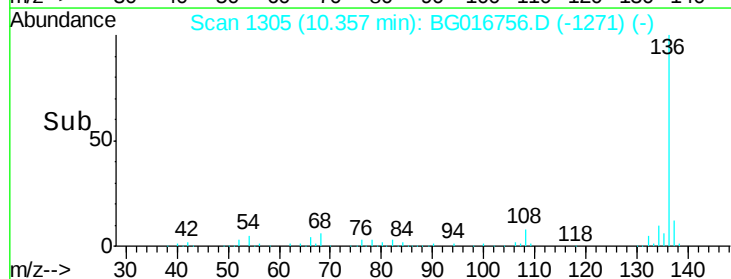
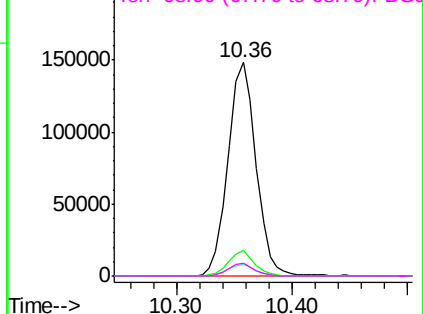
137 11.7 8.5 12.7

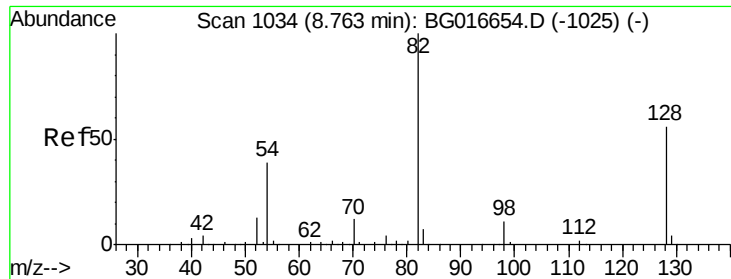
54 5.3 5.4 8.2#

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

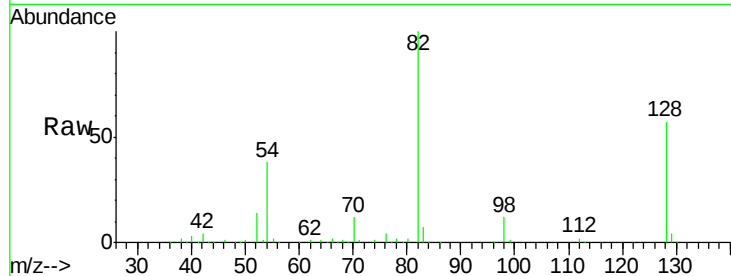




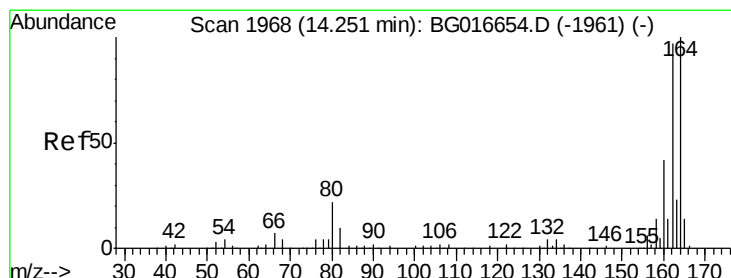
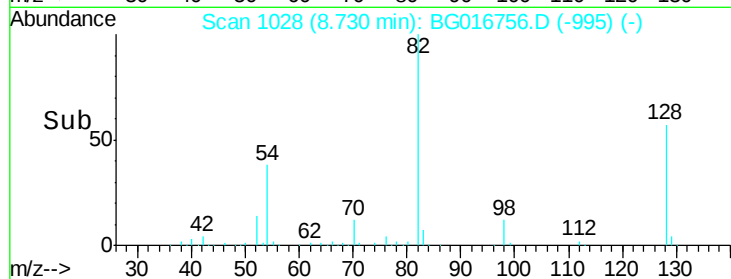
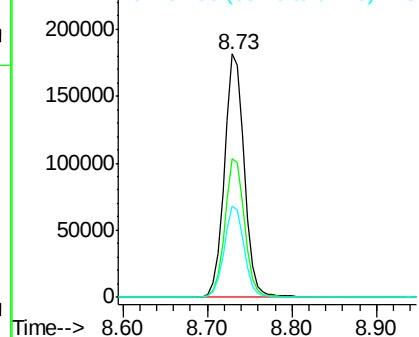
#23
 Nitrobenzene-d5
 Concen: 74.73 ng
 RT: 8.73 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG016756.D
 Acq: 28 Apr 2015 6:54

Instrument :
 BNA_G
 ClientSampled :
 FS-030

Tgt Ion	Ratio	Lower	Upper
82	100		
128	56.8	44.7	67.1
54	37.6	30.9	46.3

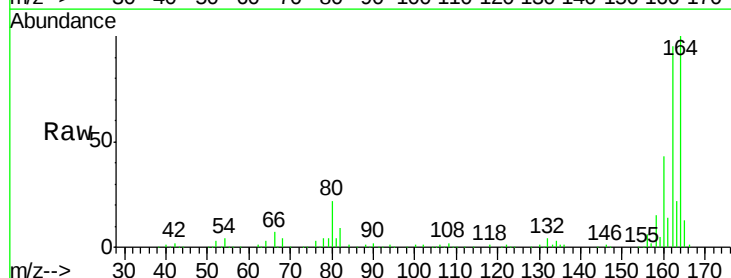


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

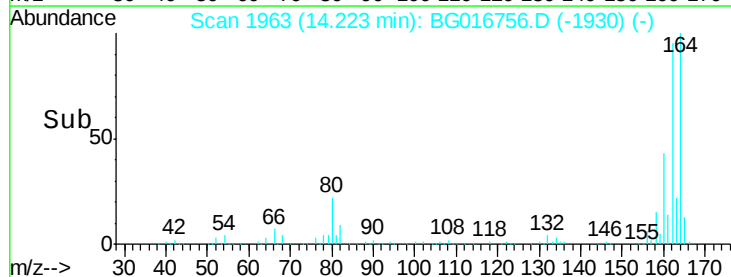
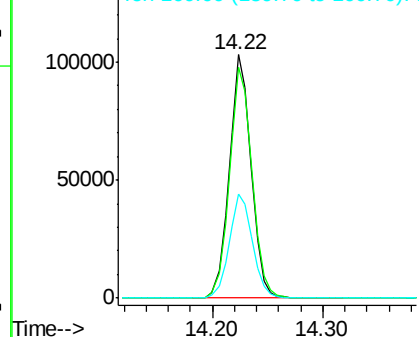


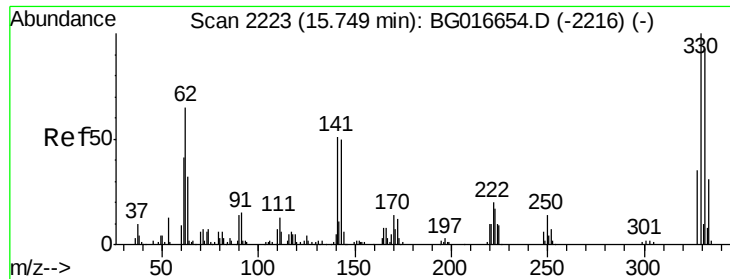
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.22 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG016756.D
 Acq: 28 Apr 2015 6:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.8	77.3	115.9
160	42.6	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

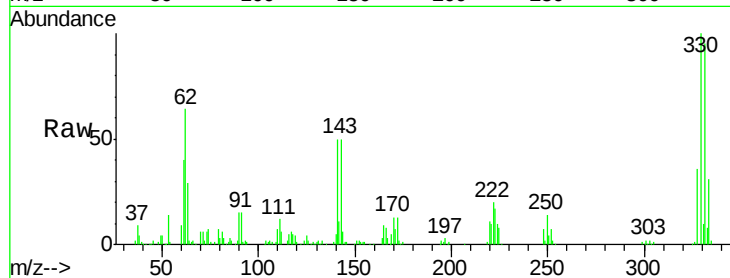




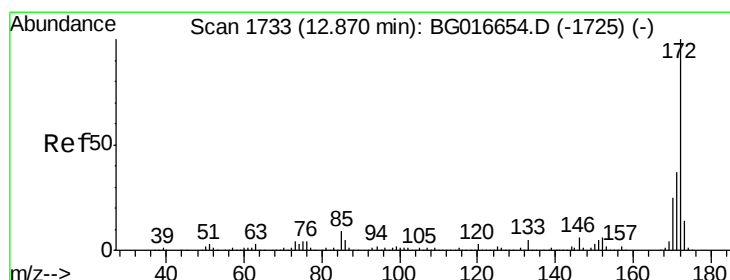
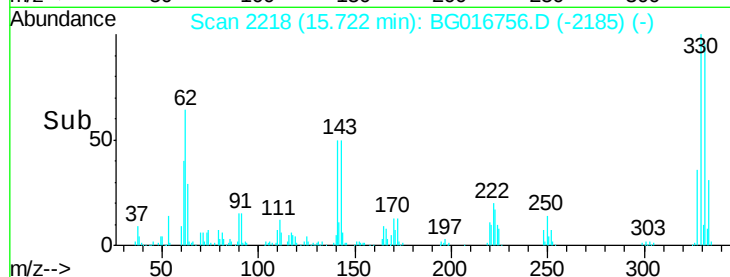
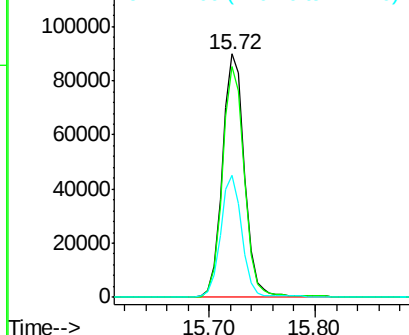
#41
 2,4,6-Tribromophenol
 Concen: 124.10 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG016756.D
 Acq: 28 Apr 2015 6:54

Instrument :
 BNA_G
 ClientSampleId :
 FS-030

Tgt Ion: 330 Resp: 131288
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.2 114.4
 141 48.7 43.0 64.6

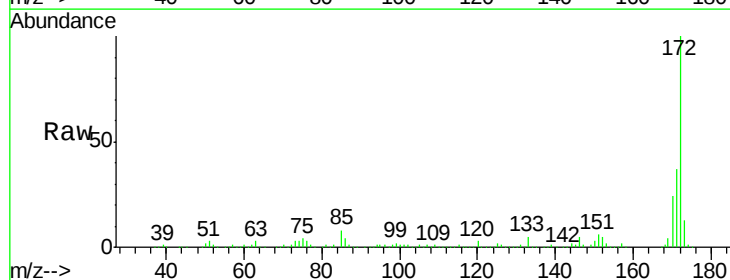


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

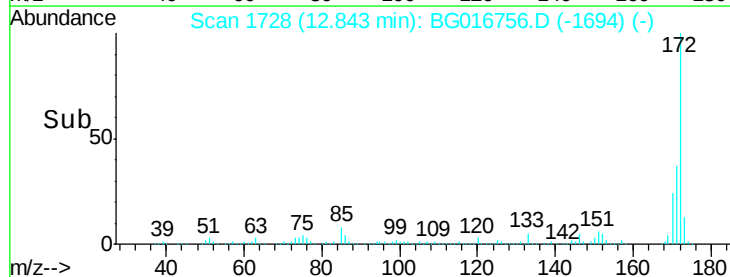
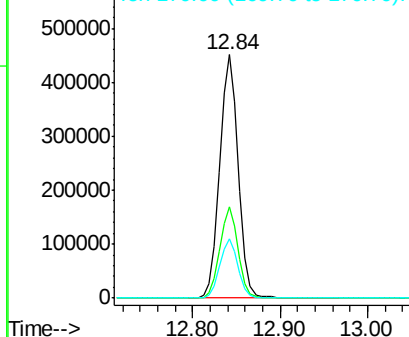


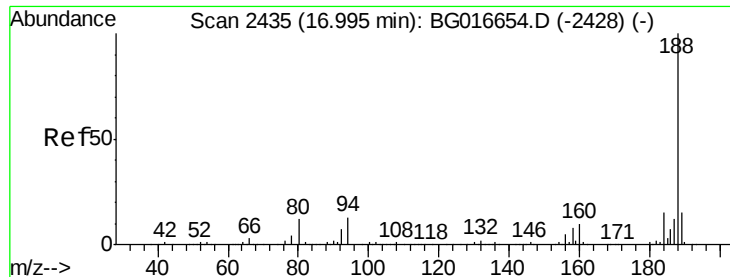
#44
 2-Fluorobiphenyl
 Concen: 74.39 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG016756.D
 Acq: 28 Apr 2015 6:54

Tgt Ion: 172 Resp: 660298
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.9 44.9
 170 24.1 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

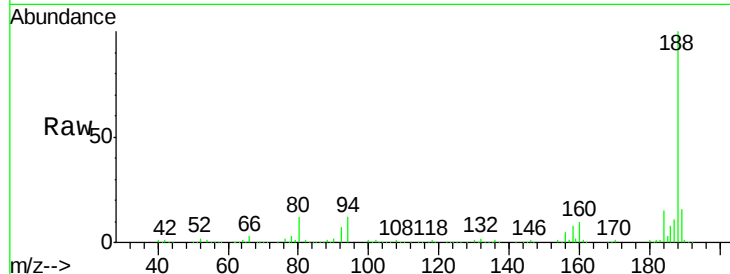




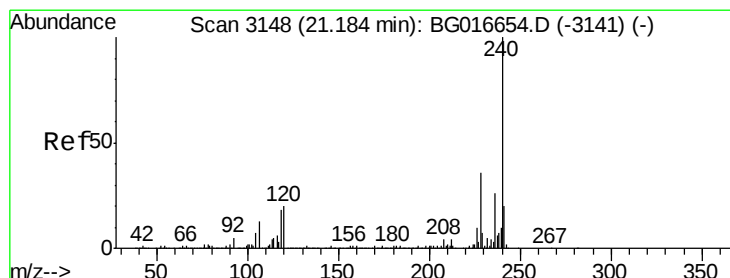
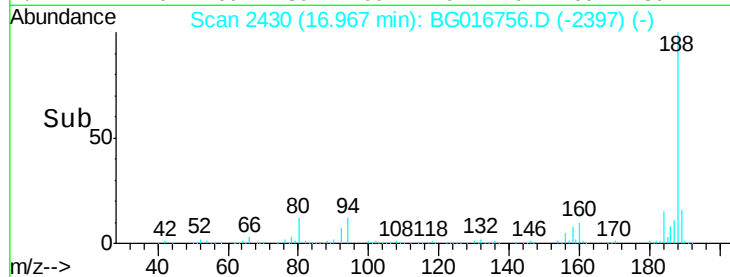
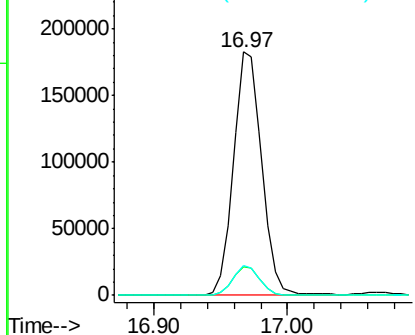
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016756.D
Acq: 28 Apr 2015 6:54

Instrument :
BNA_G
ClientSampleId :
FS-030

Tgt Ion:188 Resp: 268810
Ion Ratio Lower Upper
188 100
94 11.7 10.7 16.1
80 12.1 9.9 14.9

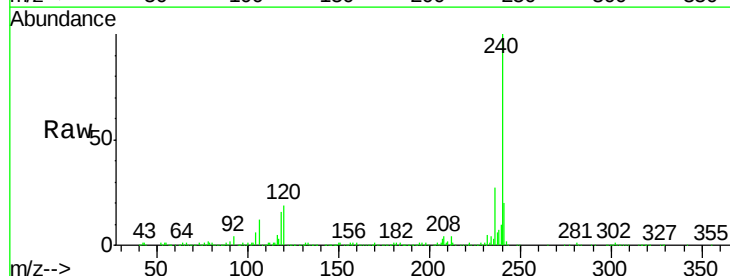


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

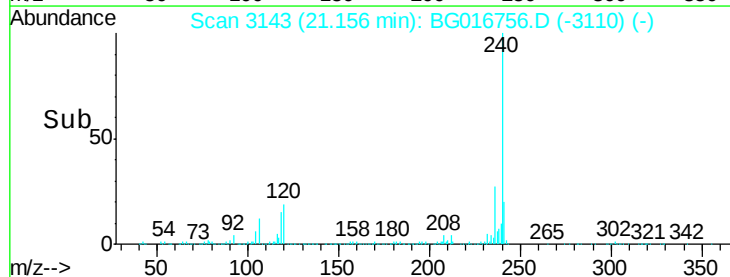
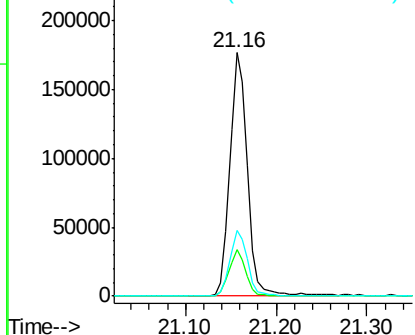


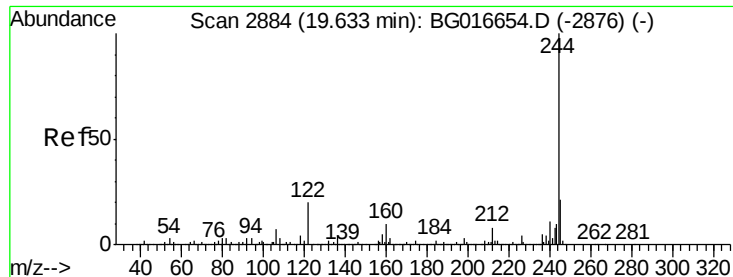
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG016756.D
Acq: 28 Apr 2015 6:54

Tgt Ion:240 Resp: 239555
Ion Ratio Lower Upper
240 100
120 18.9 16.3 24.5
236 27.1 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

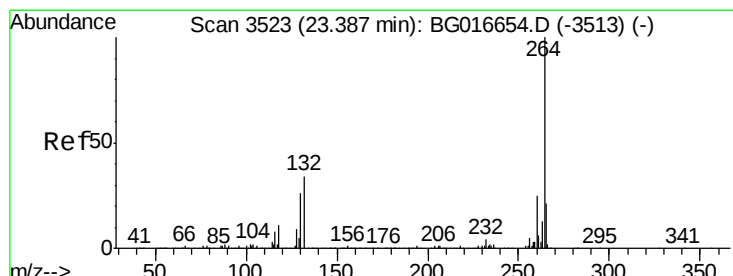
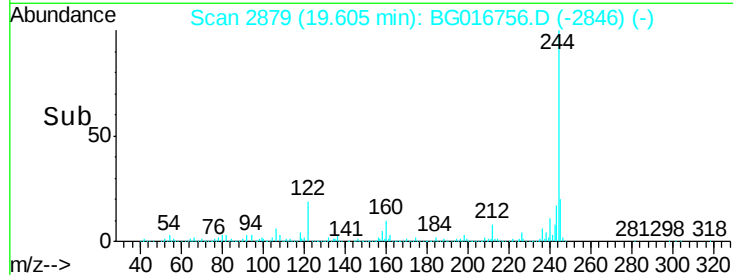
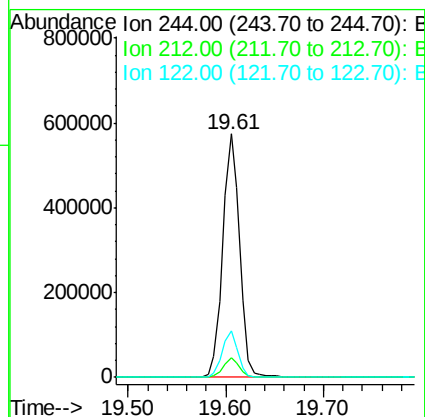
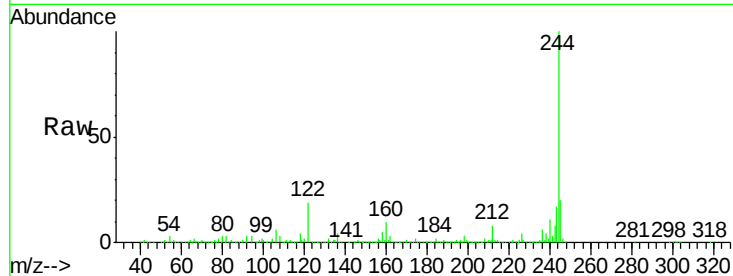




#78
 Terphenyl-d14
 Concen: 66.42 ng
 RT: 19.61 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG016756.D
 Acq: 28 Apr 2015 6:54

Instrument :
 BNA_G
 ClientSampleId :
 FS-030

Tgt Ion:244 Resp: 690699
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 19.3 15.9 23.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 3517
 Delta R.T. -0.00 min
 Lab File: BG016756.D
 Acq: 28 Apr 2015 6:54

Tgt Ion:264 Resp: 232582
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.0 30.0
 265 21.7 16.8 25.2

