

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042715\
 Data File : BG016748.D
 Acq On : 28 Apr 2015 2:16
 Operator : TP/IZ
 Sample : G1942-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Quant Time: Apr 28 03:23:58 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 01:49:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	70717	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	304336	20.00	ng	0.00
38) Acenaphthene-d10	14.23	164	180746	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	374840	20.00	ng	0.00
75) Chrysene-d12	21.16	240	339937	20.00	ng	0.00
86) Perylene-d12	23.36	264	322014	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.17	112	469305	107.69	ng	0.00
7) Phenol-d6	6.78	99	644599	105.44	ng	0.00
23) Nitrobenzene-d5	8.73	82	317852	65.99	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	147224	109.80	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	703033	62.49	ng	0.00
78) Terphenyl-d14	19.61	244	820303	55.59	ng	0.00

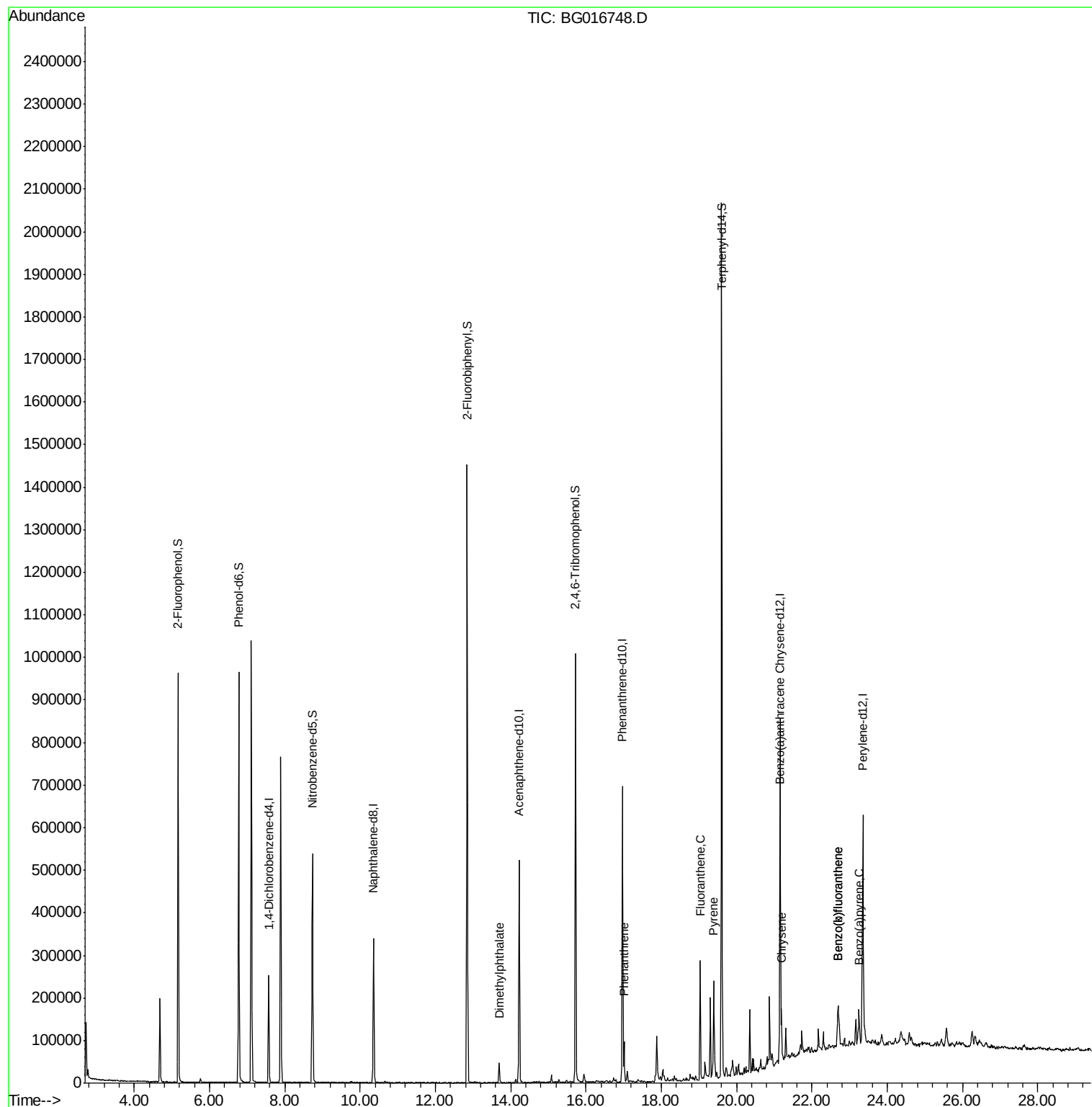
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	13.69	163	35593	2.63	ng	98
70) Phenanthrene	17.01	178	52832	2.45	ng	98
74) Fluoranthene	19.03	202	147012	6.44	ng	96
77) Pyrene	19.40	202	129750	5.43	ng	97
80) Benzo(a)anthracene	21.14	228	65454	3.18	ng	95
82) Chrysene	21.20	228	59481	3.01	ng	97
87) Benzo(b)fluoranthene	22.69	252	97743	5.00	ng	97
88) Benzo(k)fluoranthene	22.69	252	98513	5.16	ng	97
89) Benzo(a)pyrene	23.26	252	48269	2.62	ng	94

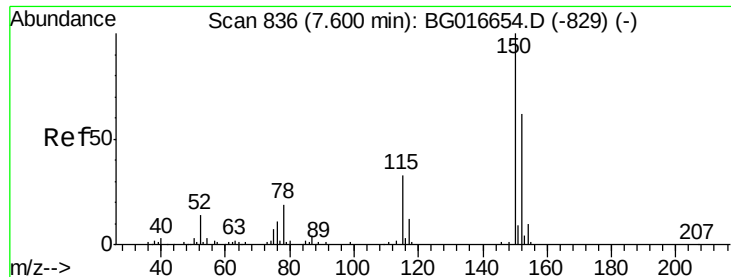
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG016748.D

Acq: 28 Apr 2015 2:16

Instrument :

BNA_G

ClientSampleId :

SB-2

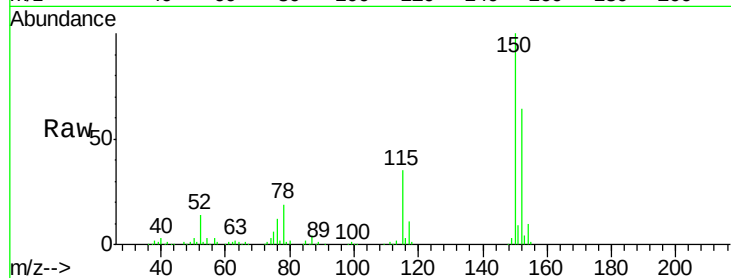
Tgt Ion:152 Resp: 70717

Ion Ratio Lower Upper

152 100

150 155.3 129.6 194.4

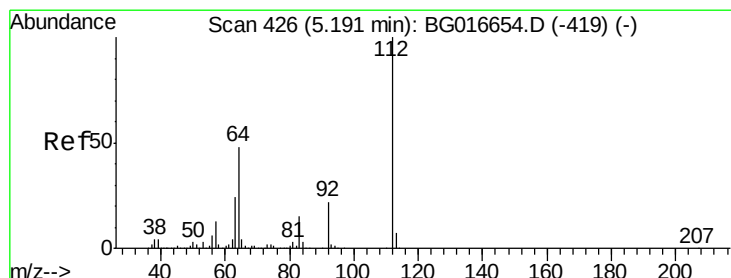
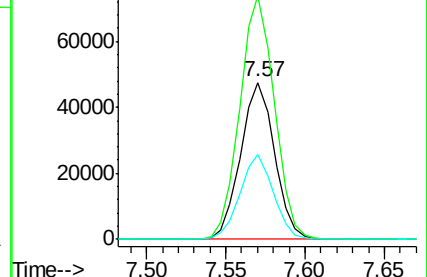
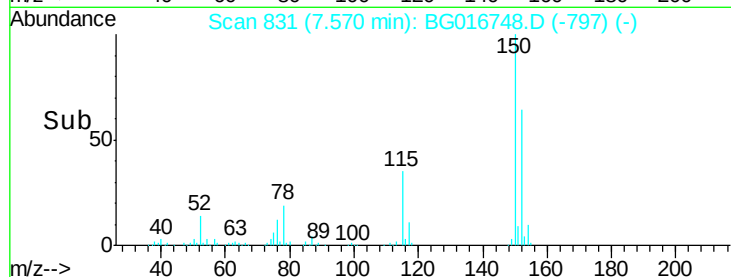
115 54.1 43.0 64.6



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: 107.69 ng

RT: 5.17 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG016748.D

Acq: 28 Apr 2015 2:16

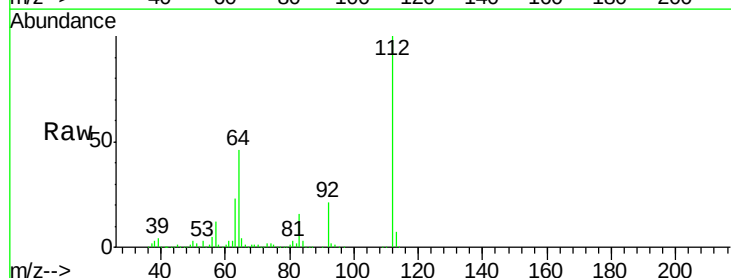
Tgt Ion:112 Resp: 469305

Ion Ratio Lower Upper

112 100

64 45.8 38.3 57.5

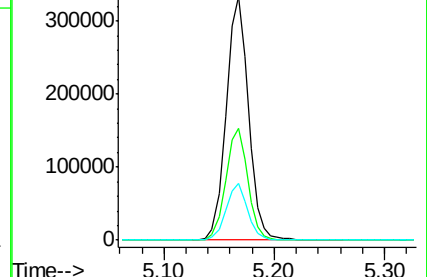
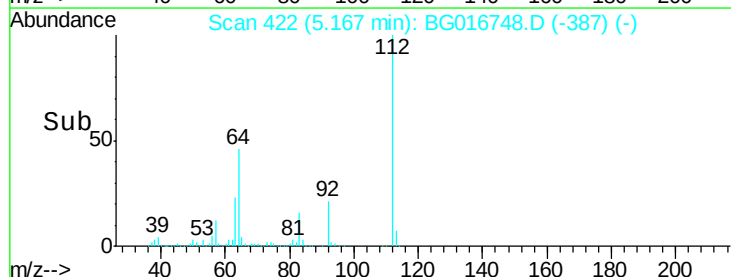
63 23.3 18.9 28.3

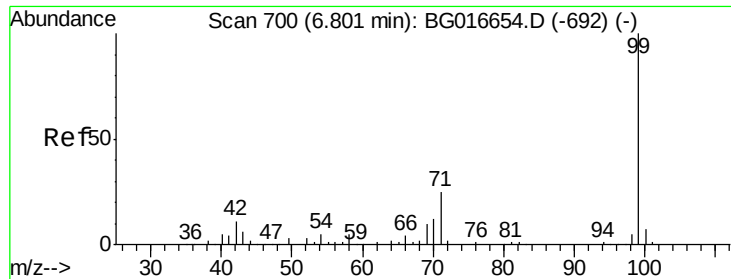


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 105.44 ng

RT: 6.78 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG016748.D

Acq: 28 Apr 2015 2:16

Instrument :

BNA_G

ClientSampled :

SB-2

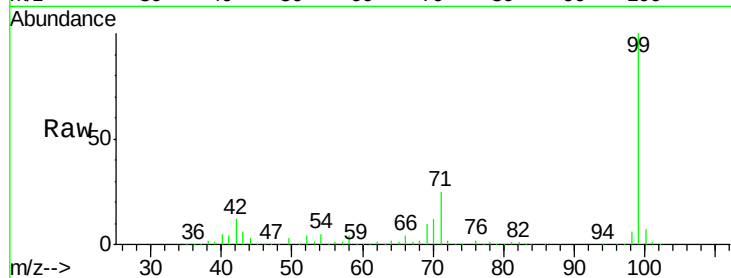
Tgt Ion: 99 Resp: 644599

Ion Ratio Lower Upper

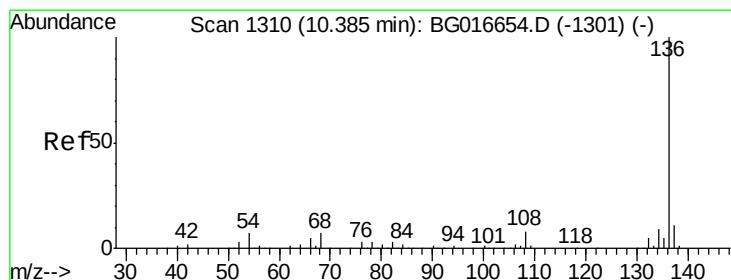
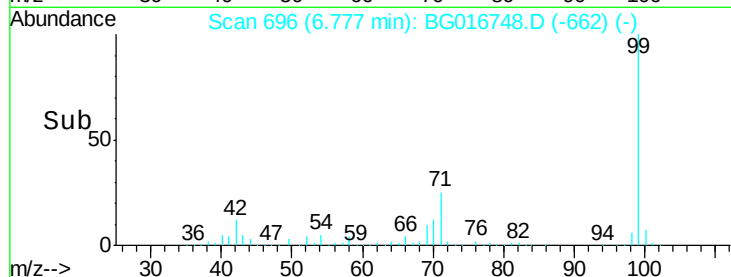
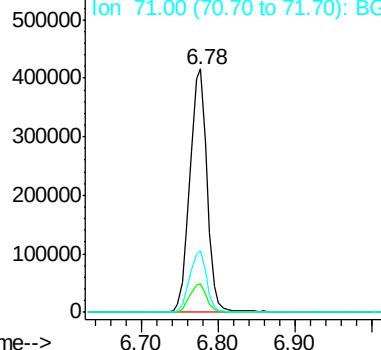
99 100

42 11.7 8.8 13.2

71 25.4 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: BG016748.D

Acq: 28 Apr 2015 2:16

Tgt Ion: 136 Resp: 304336

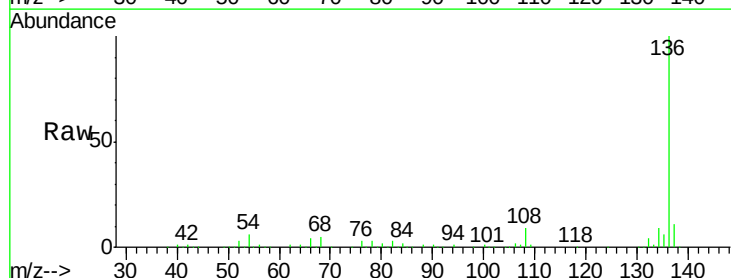
Ion Ratio Lower Upper

136 100

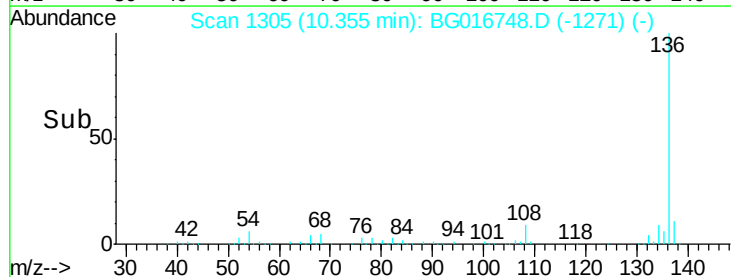
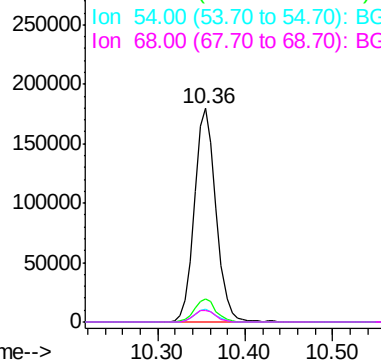
137 10.7 8.5 12.7

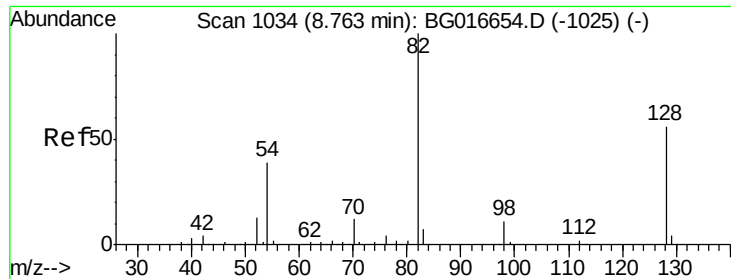
54 5.9 5.4 8.2

68 5.5 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

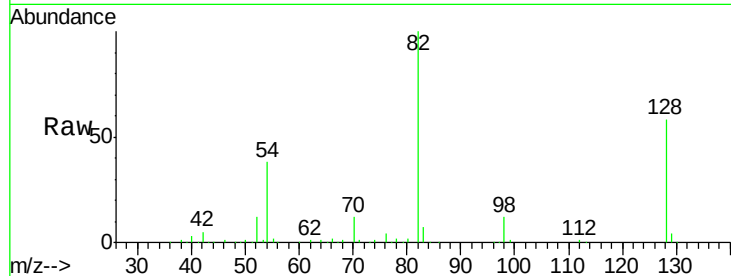




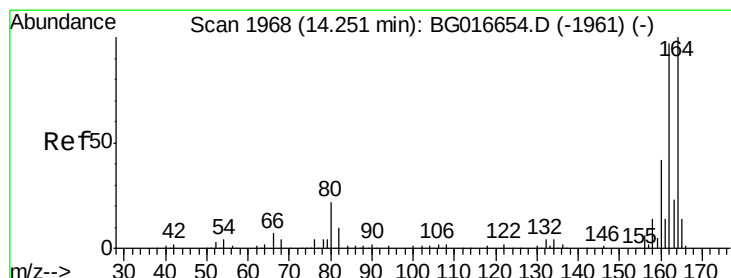
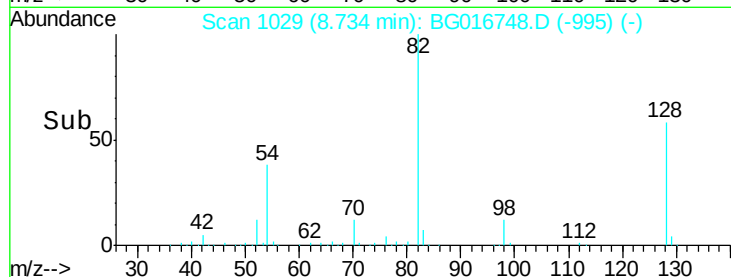
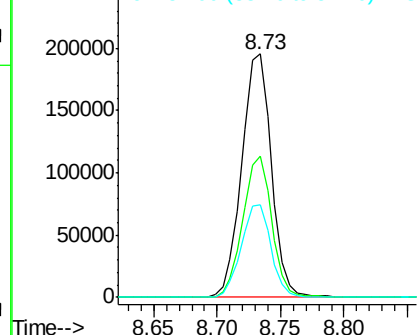
#23
 Nitrobenzene-d5
 Concen: 65.99 ng
 RT: 8.73 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BG016748.D
 Acq: 28 Apr 2015 2:16

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Tgt Ion: 82 Resp: 317852
 Ion Ratio Lower Upper
 82 100
 128 57.8 44.7 67.1
 54 37.8 30.9 46.3

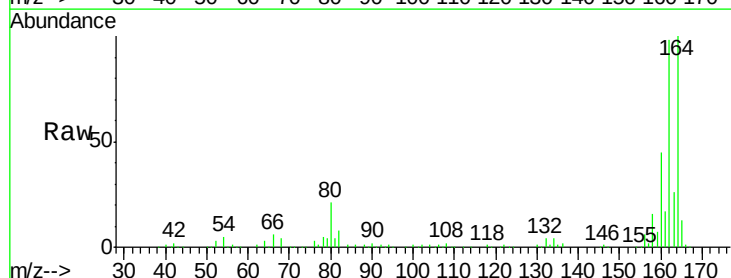


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

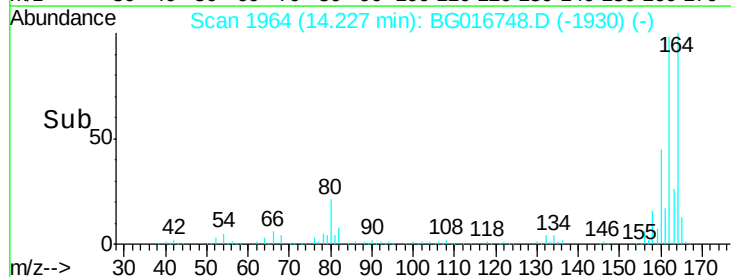
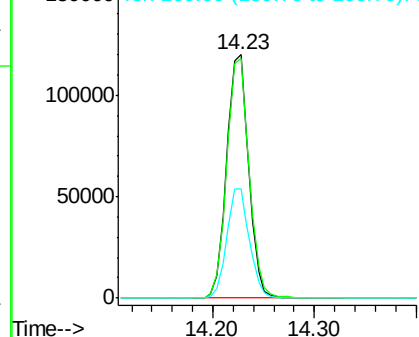


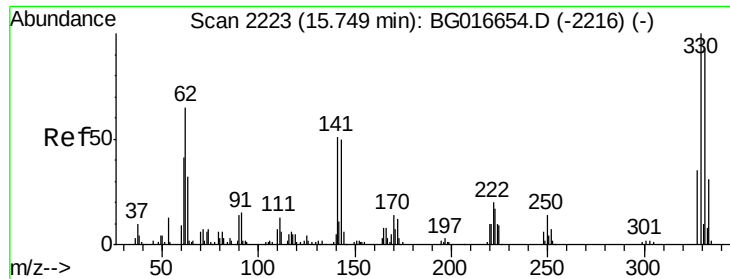
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.23 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG016748.D
 Acq: 28 Apr 2015 2:16

Tgt Ion: 164 Resp: 180746
 Ion Ratio Lower Upper
 164 100
 162 98.3 77.3 115.9
 160 45.0 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

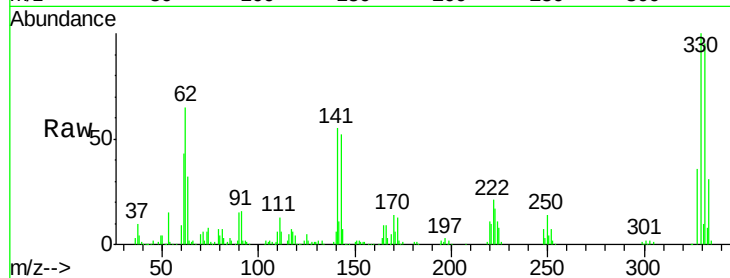




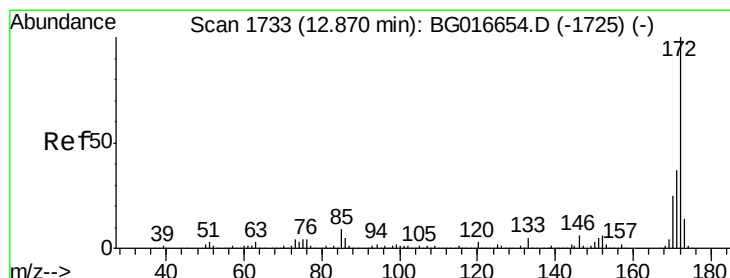
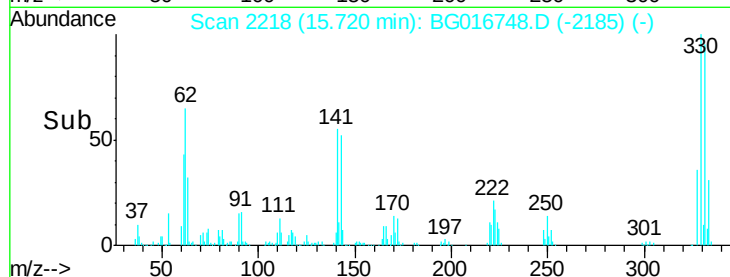
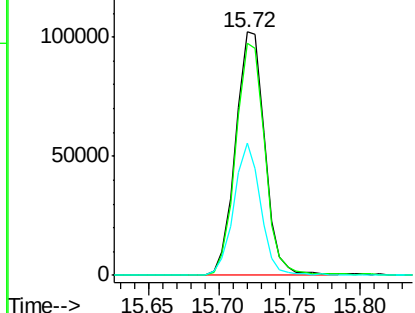
#41
 2,4,6-Tribromophenol
 Concen: 109.80 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG016748.D
 Acq: 28 Apr 2015 2:16

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Tgt Ion: 330 Resp: 147224
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.4
 141 49.8 43.0 64.6

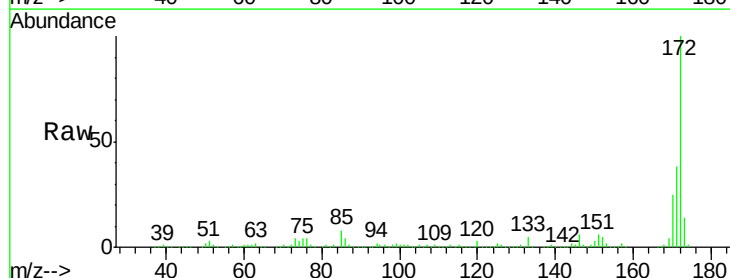


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

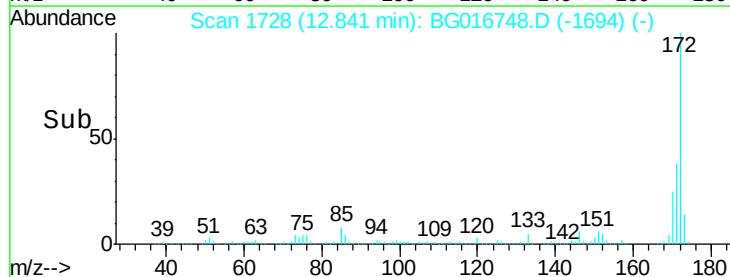
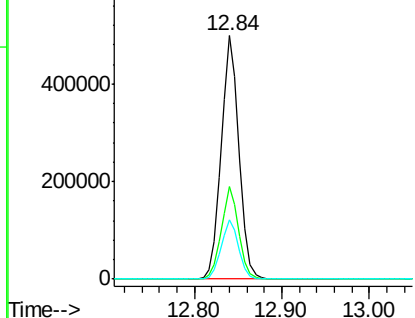


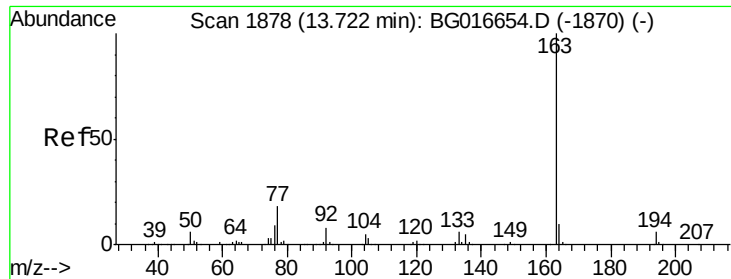
#44
 2-Fluorobiphenyl
 Concen: 62.49 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG016748.D
 Acq: 28 Apr 2015 2:16

Tgt Ion: 172 Resp: 703033
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.9 44.9
 170 24.5 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: 2.63 ng

RT: 13.69 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG016748.D

Acq: 28 Apr 2015 2:16

Instrument :

BNA_G

ClientSampleId :

SB-2

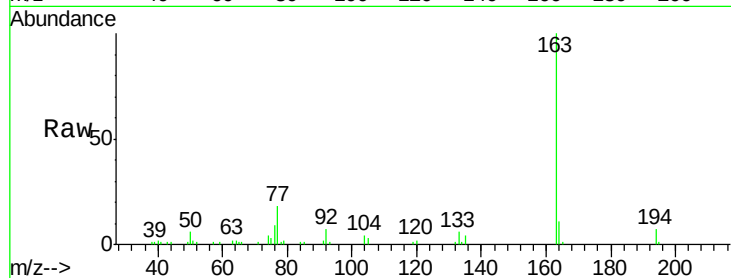
Tgt Ion:163 Resp: 35593

Ion Ratio Lower Upper

163 100

194 7.1 5.0 7.4

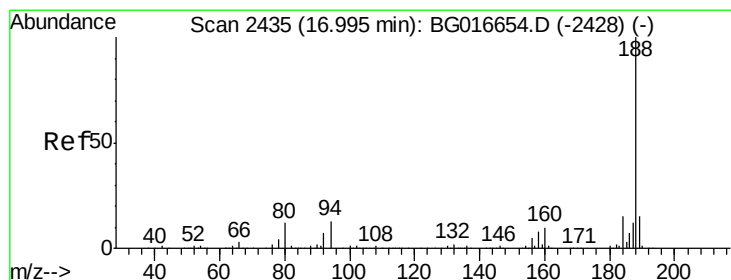
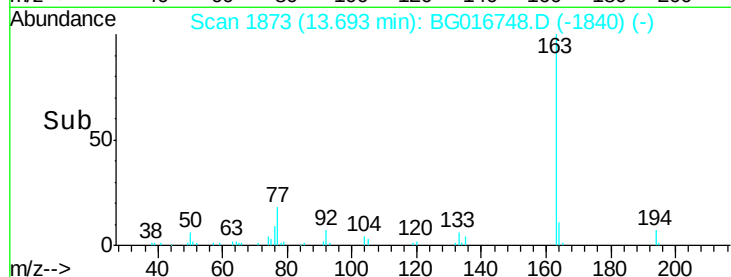
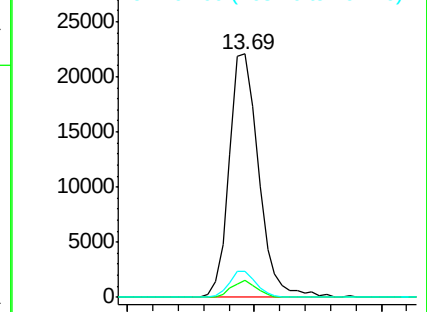
164 10.6 7.8 11.8



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: 16.97 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG016748.D

Acq: 28 Apr 2015 2:16

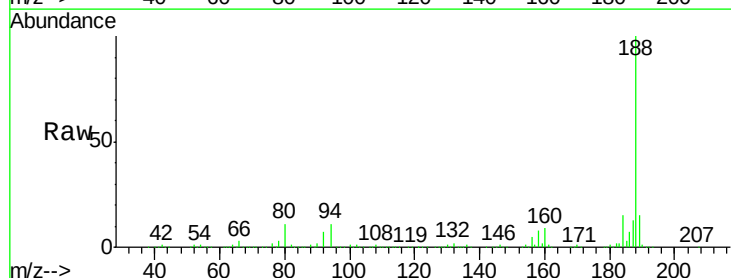
Tgt Ion:188 Resp: 374840

Ion Ratio Lower Upper

188 100

94 11.2 10.7 16.1

80 11.0 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

