

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
 Data File : BG016676.D
 Acq On : 24 Apr 2015 6:42
 Operator : TP/IZ
 Sample : G1948-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-52

Quant Time: Apr 24 07:39:53 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	7.60	152	57681	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	251368	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	142559	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	301535	20.00	ng	0.00
75) Chrysene-d12	21.18	240	285935	20.00	ng	0.00
86) Perylene-d12	23.38	264	258081	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	223924	63.00	ng	0.00
7) Phenol-d6	6.79	99	191002	38.30	ng	0.00
23) Nitrobenzene-d5	8.75	82	366228	92.06	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	153011	144.68	ng	0.00
44) 2-Fluorobiphenyl	12.87	172	836691	94.30	ng	0.00
78) Terphenyl-d14	19.63	244	953072	76.78	ng	0.00

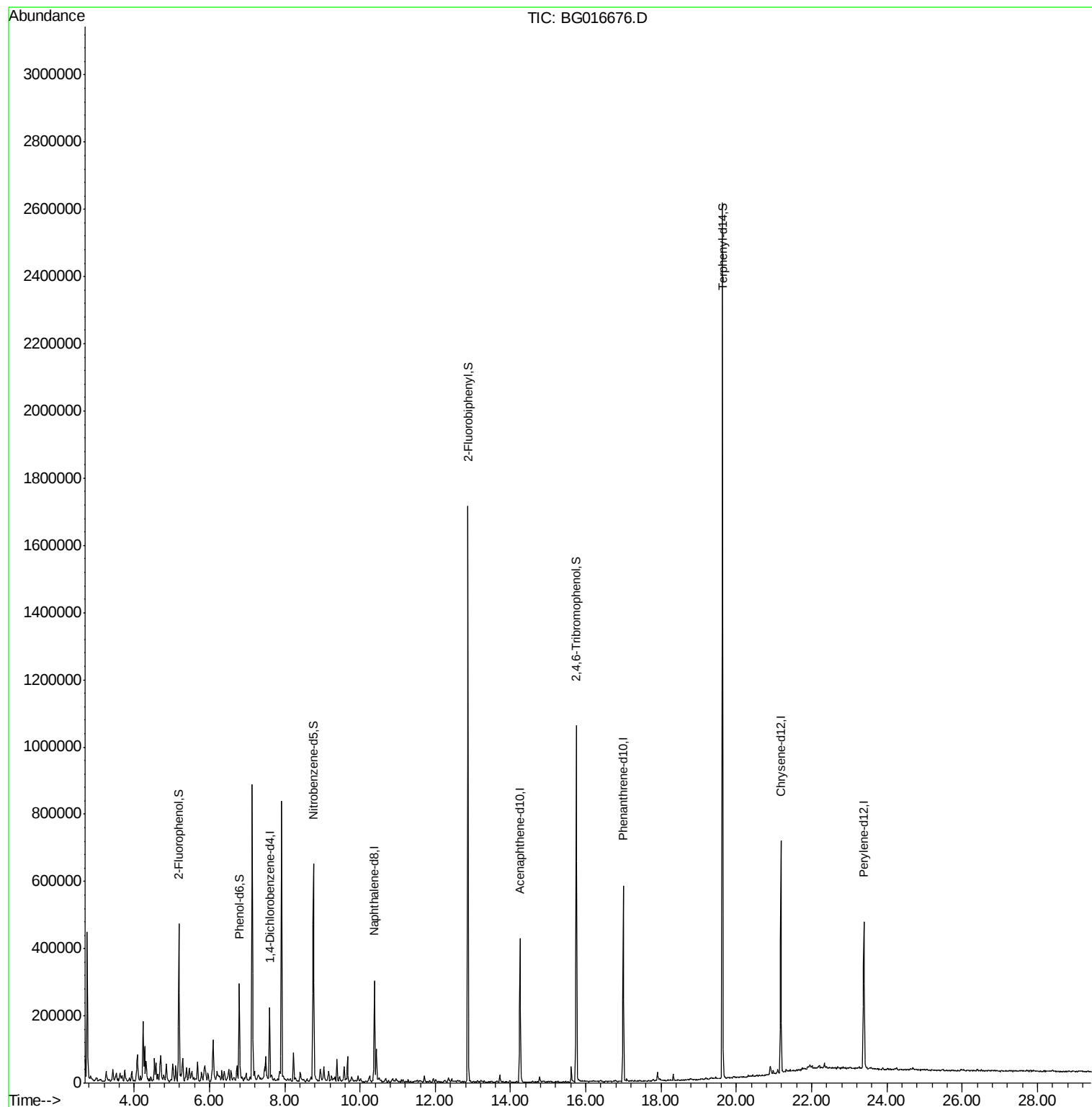
Target Compounds Qvalue

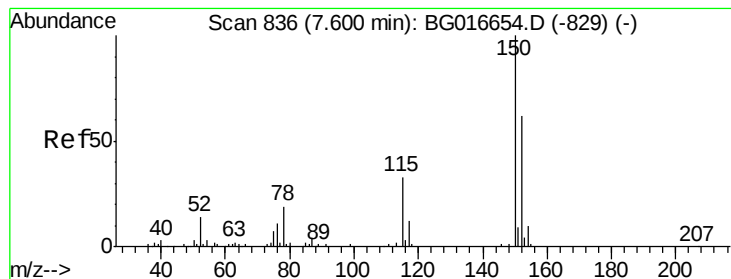
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.60 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG016676.D

Acq: 24 Apr 2015 6:42

Instrument :

BNA_G

ClientSampleId :

MW-52

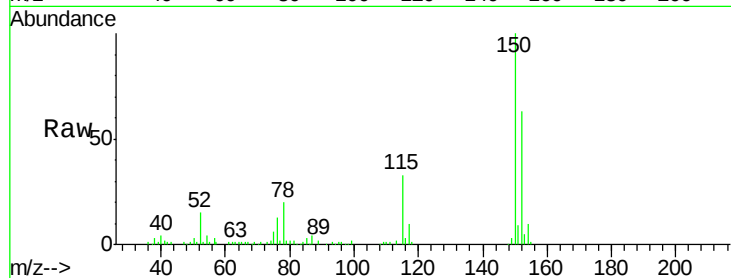
Tot Ion:152 Resp: 57681

Ion Ratio Lower Upper

152 100

150 158.1 129.6 194.4

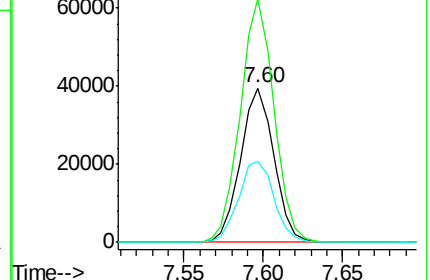
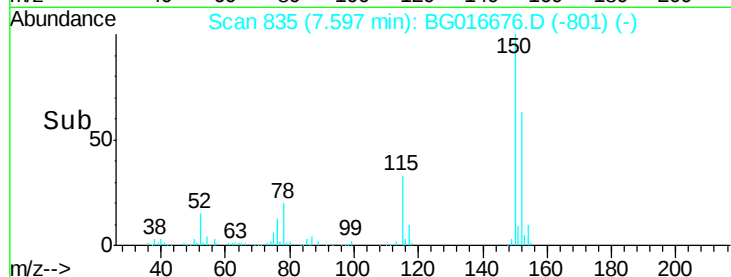
115 52.7 43.0 64.6



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: 63.00 ng

RT: 5.19 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG016676.D

Acq: 24 Apr 2015 6:42

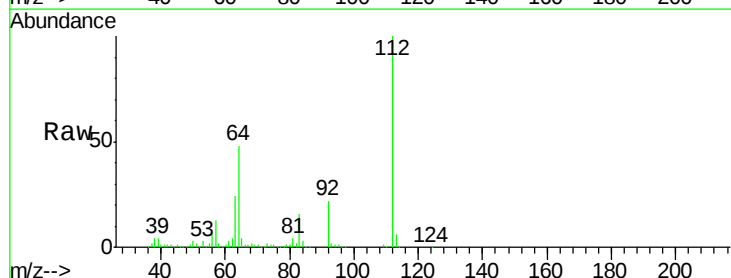
Tgt Ion:112 Resp: 223924

Ion Ratio Lower Upper

112 100

64 48.3 38.3 57.5

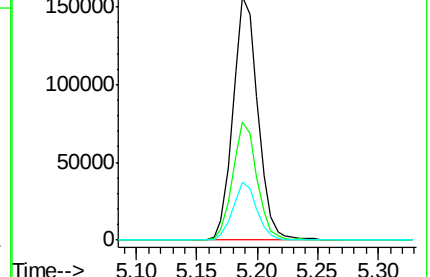
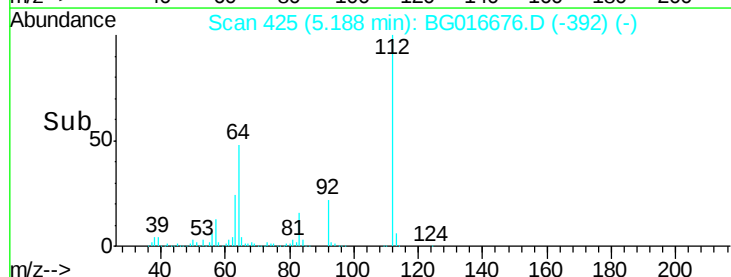
63 24.1 18.9 28.3

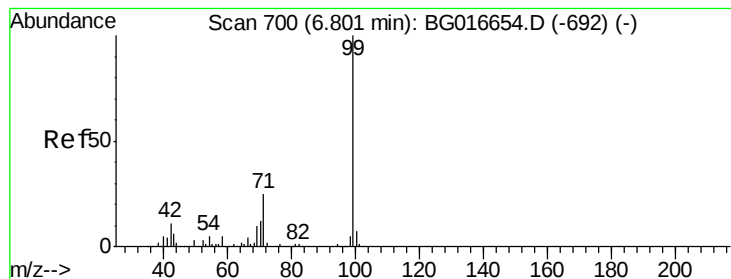


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.30 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG016676.D

Acq: 24 Apr 2015 6:42

Instrument :

BNA_G

ClientSampleId :

MW-52

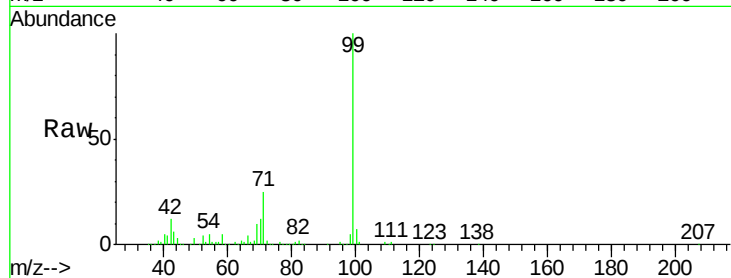
Tot Ion: 99 Resp: 191002

Ion Ratio Lower Upper

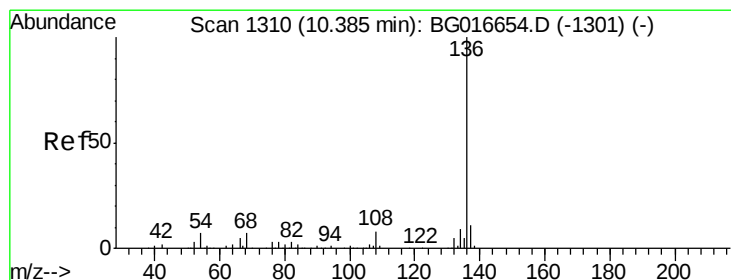
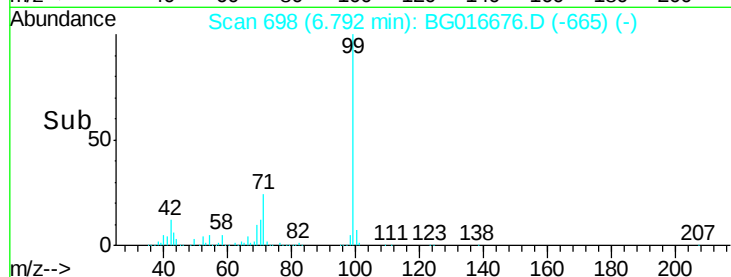
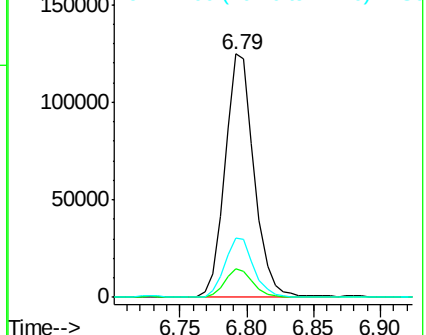
99 100

42 11.7 8.8 13.2

71 24.6 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: BG016676.D

Acq: 24 Apr 2015 6:42

Tgt Ion: 136 Resp: 251368

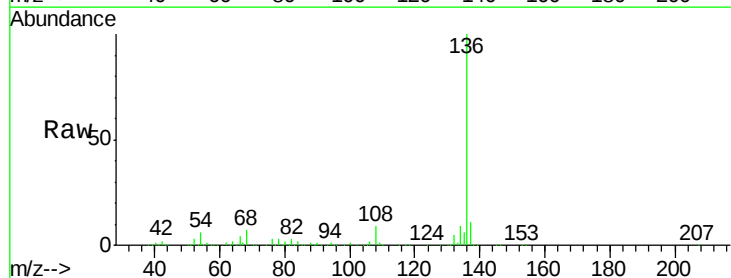
Ion Ratio Lower Upper

136 100

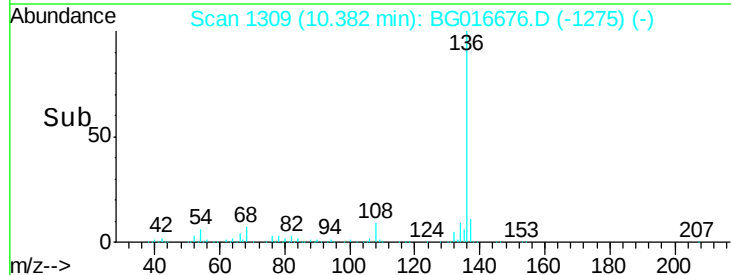
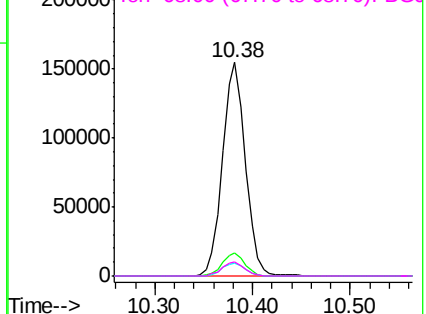
137 10.7 8.5 12.7

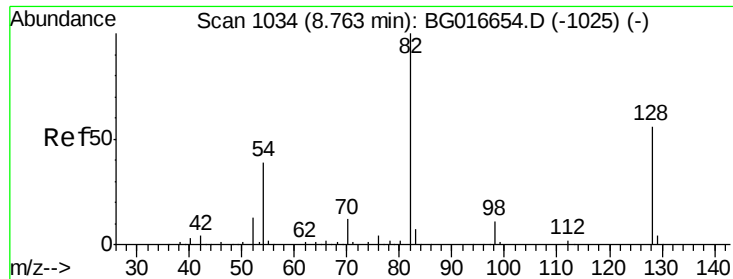
54 5.8 5.4 8.2

68 6.5 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

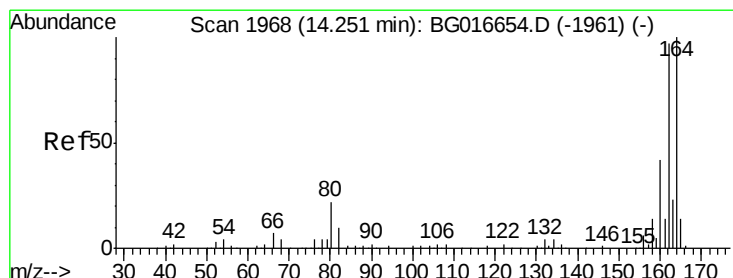
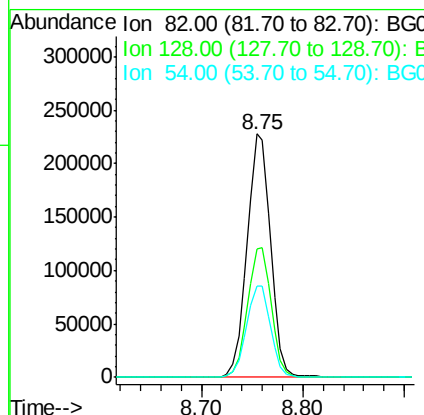
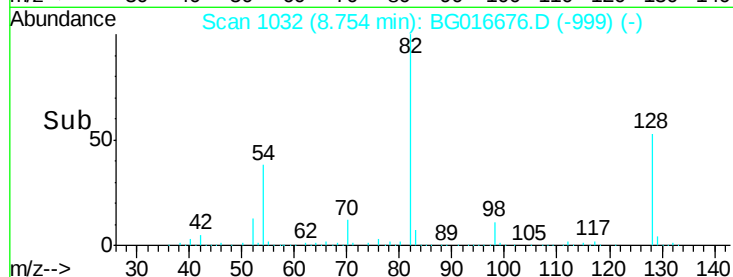
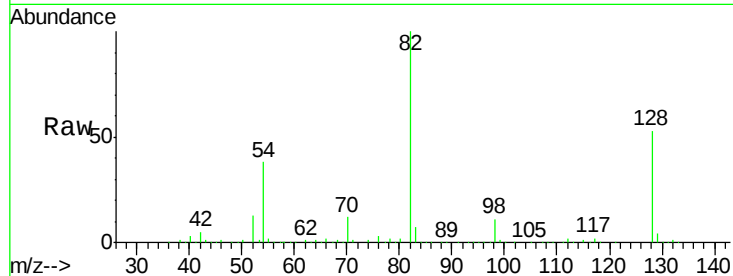




#23
 Nitrobenzene-d5
 Concen: 92.06 ng
 RT: 8.75 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG016676.D
 Acq: 24 Apr 2015 6:42

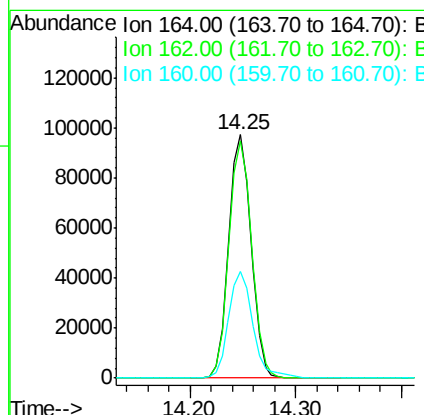
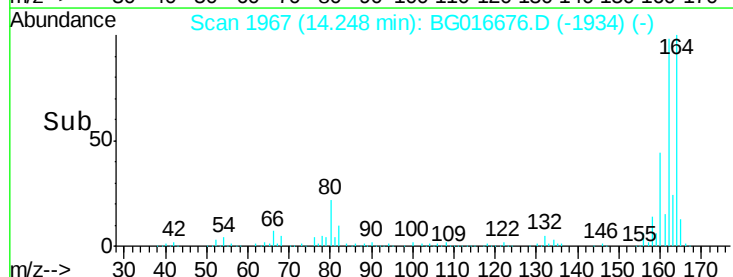
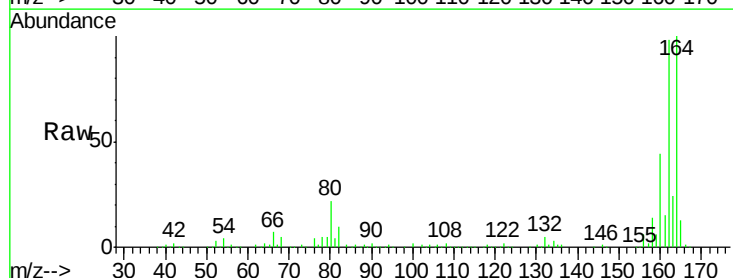
Instrument :
 BNA_G
 ClientSampleId :
 MW-52

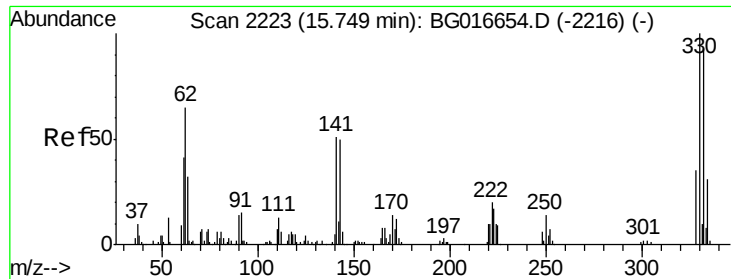
Tot Ion: 82 Resp: 366228
 Ion Ratio Lower Upper
 82 100
 128 52.9 44.7 67.1
 54 37.6 30.9 46.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.25 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG016676.D
 Acq: 24 Apr 2015 6:42

Tgt Ion: 164 Resp: 142559
 Ion Ratio Lower Upper
 164 100
 162 97.5 77.3 115.9
 160 43.8 33.7 50.5

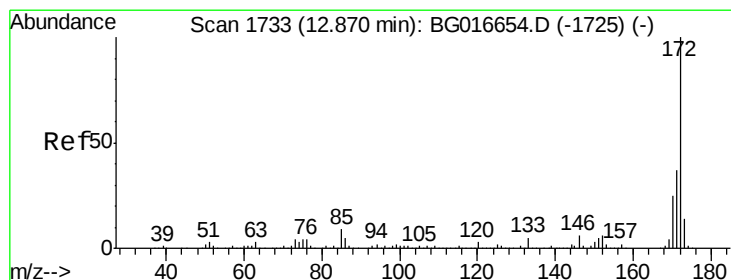
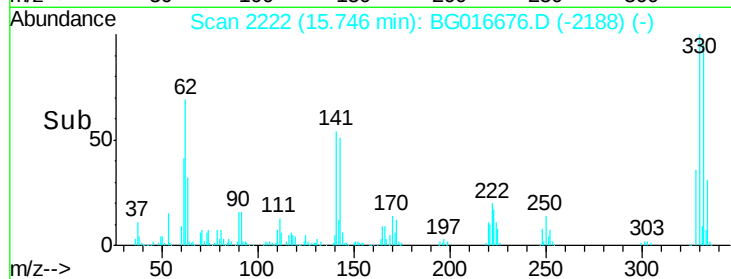
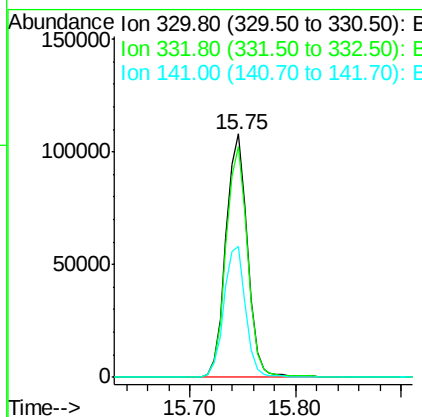
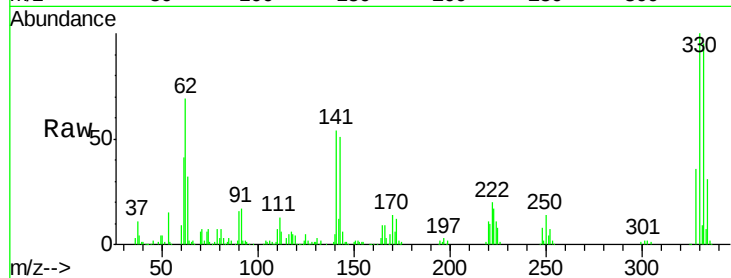




#41
 2,4,6-Tribromophenol
 Concen: 144.68 ng
 RT: 15.75 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG016676.D
 Acq: 24 Apr 2015 6:42

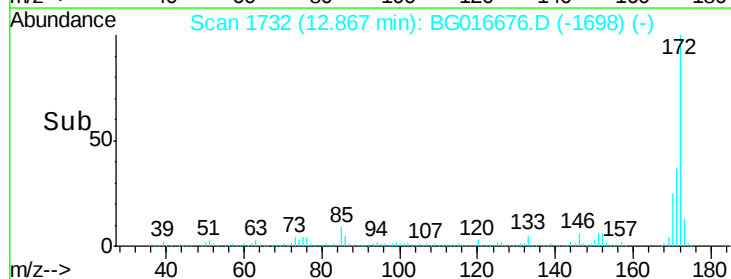
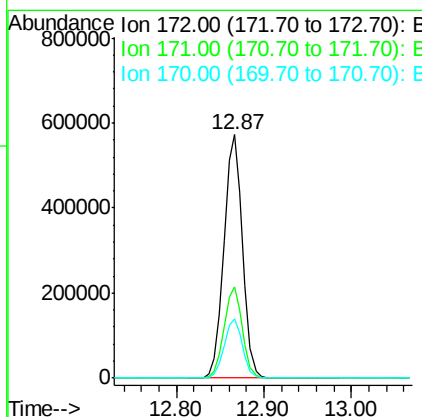
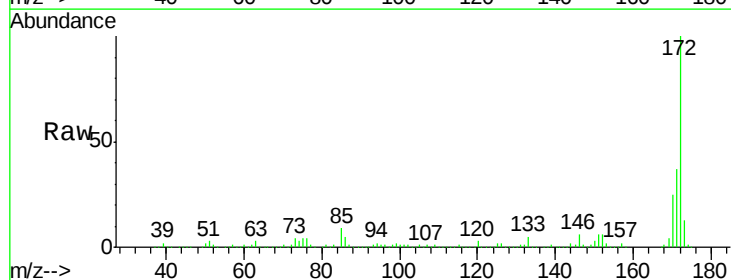
Instrument :
 BNA_G
 ClientSampleId :
 MW-52

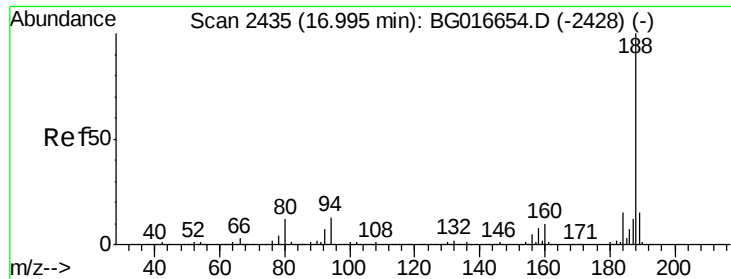
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.2	114.4
141	54.3	43.0	64.6



#44
 2-Fluorobiphenyl
 Concen: 94.30 ng
 RT: 12.87 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG016676.D
 Acq: 24 Apr 2015 6:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.9	44.9
170	24.5	19.8	29.8

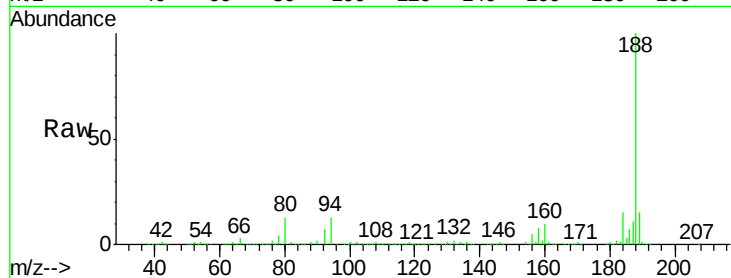




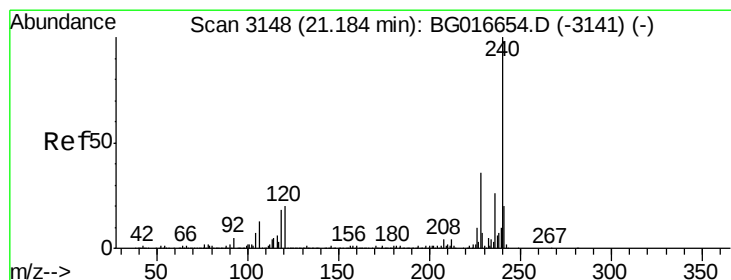
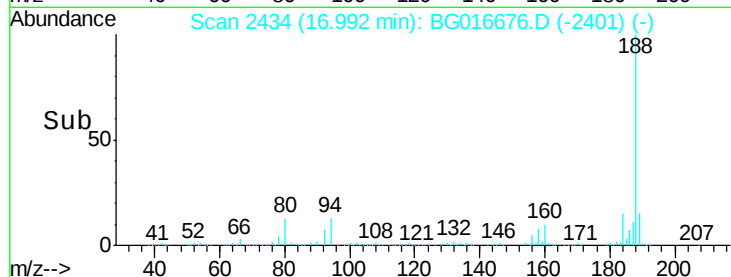
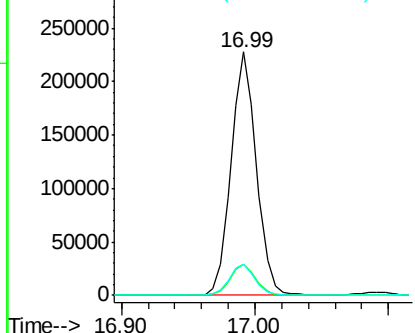
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG016676.D
Acq: 24 Apr 2015 6:42

Instrument :
BNA_G
ClientSampleId :
MW-52

Tot Ion:188 Resp: 301535
Ion Ratio Lower Upper
188 100
94 12.8 10.7 16.1
80 12.6 9.9 14.9

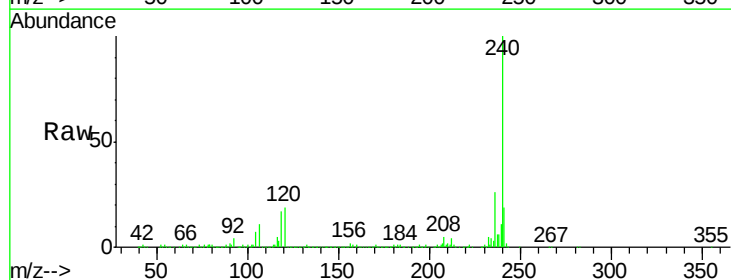


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

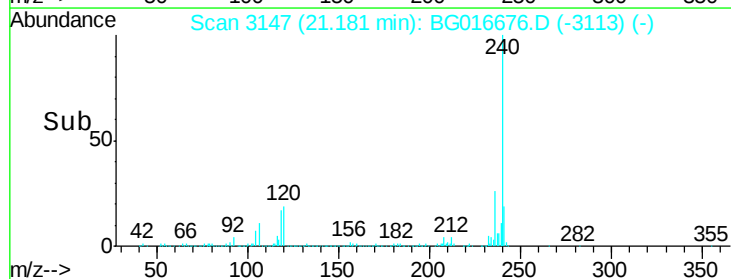
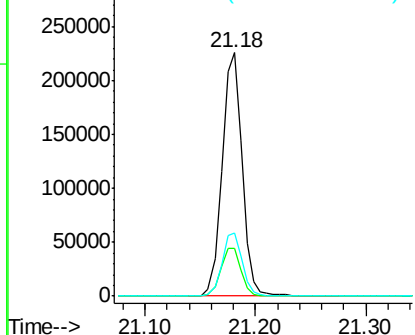


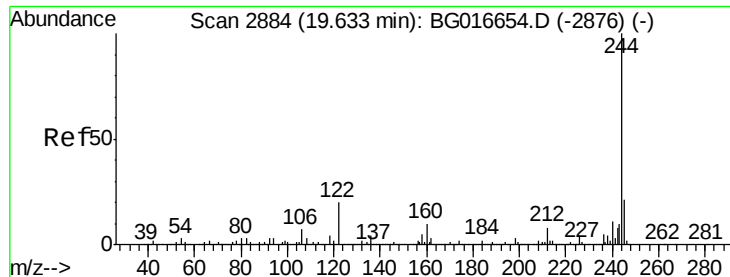
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG016676.D
Acq: 24 Apr 2015 6:42

Tgt Ion:240 Resp: 285935
Ion Ratio Lower Upper
240 100
120 19.4 16.3 24.5
236 25.8 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: 76.78 ng

RT: 19.63 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG016676.D

Acq: 24 Apr 2015 6:42

Instrument :

BNA_G

ClientSampled :

MW-52

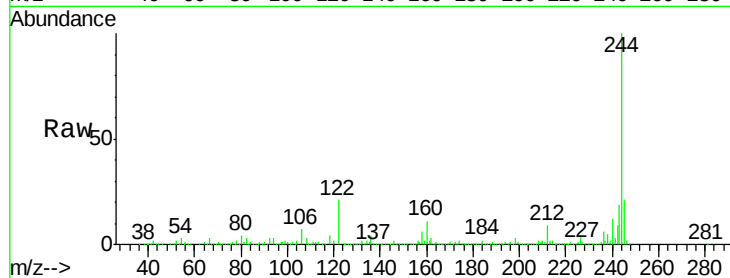
Tot Ion:244 Resp: 953072

Ion Ratio Lower Upper

244 100

212 8.5 6.4 9.6

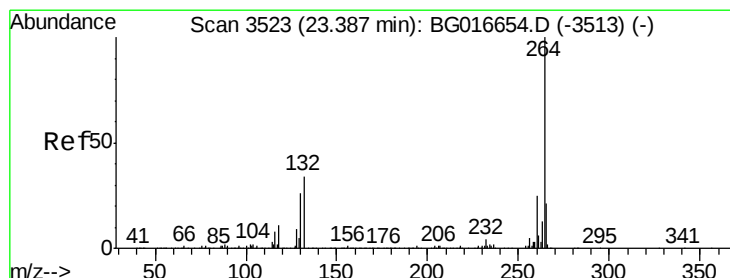
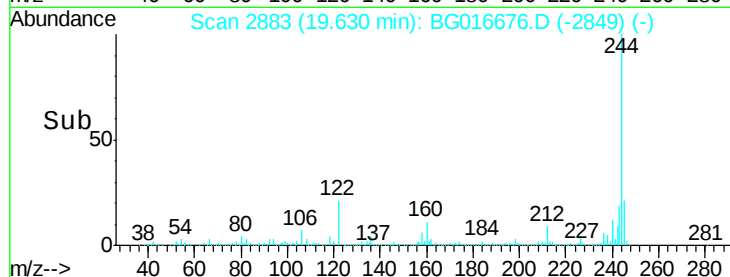
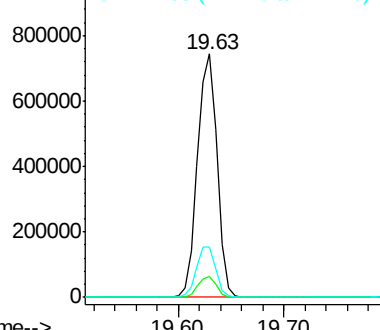
122 20.8 15.9 23.9



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

Perylene-d12

Concen: 20.00 ng

RT: 23.38 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG016676.D

Acq: 24 Apr 2015 6:42

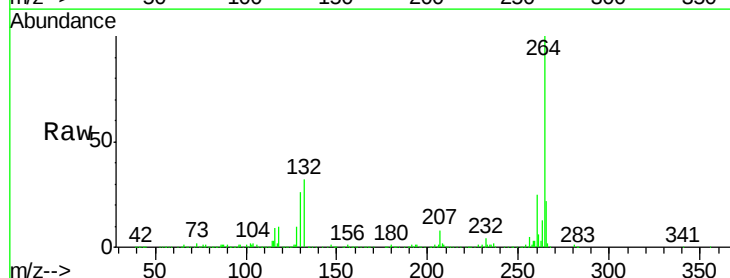
Tgt Ion:264 Resp: 258081

Ion Ratio Lower Upper

264 100

260 25.3 20.0 30.0

265 21.8 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

