

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
 Data File : BG016618.D
 Acq On : 22 Apr 2015 14:26
 Operator : TP/IZ
 Sample : G1948-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-51

Quant Time: Apr 23 01:59:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 01:45:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	42727	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	181631	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	112792	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	280900	20.00	ng	0.00
75) Chrysene-d12	21.21	240	291630	20.00	ng	0.00
86) Perylene-d12	23.43	264	267593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	168813	63.32	ng	0.00
7) Phenol-d6	6.82	99	144948	38.92	ng	0.00
23) Nitrobenzene-d5	8.79	82	272953	92.53	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	135326	176.65	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	628793	92.33	ng	0.00
78) Terphenyl-d14	19.66	244	899621	74.32	ng	0.00

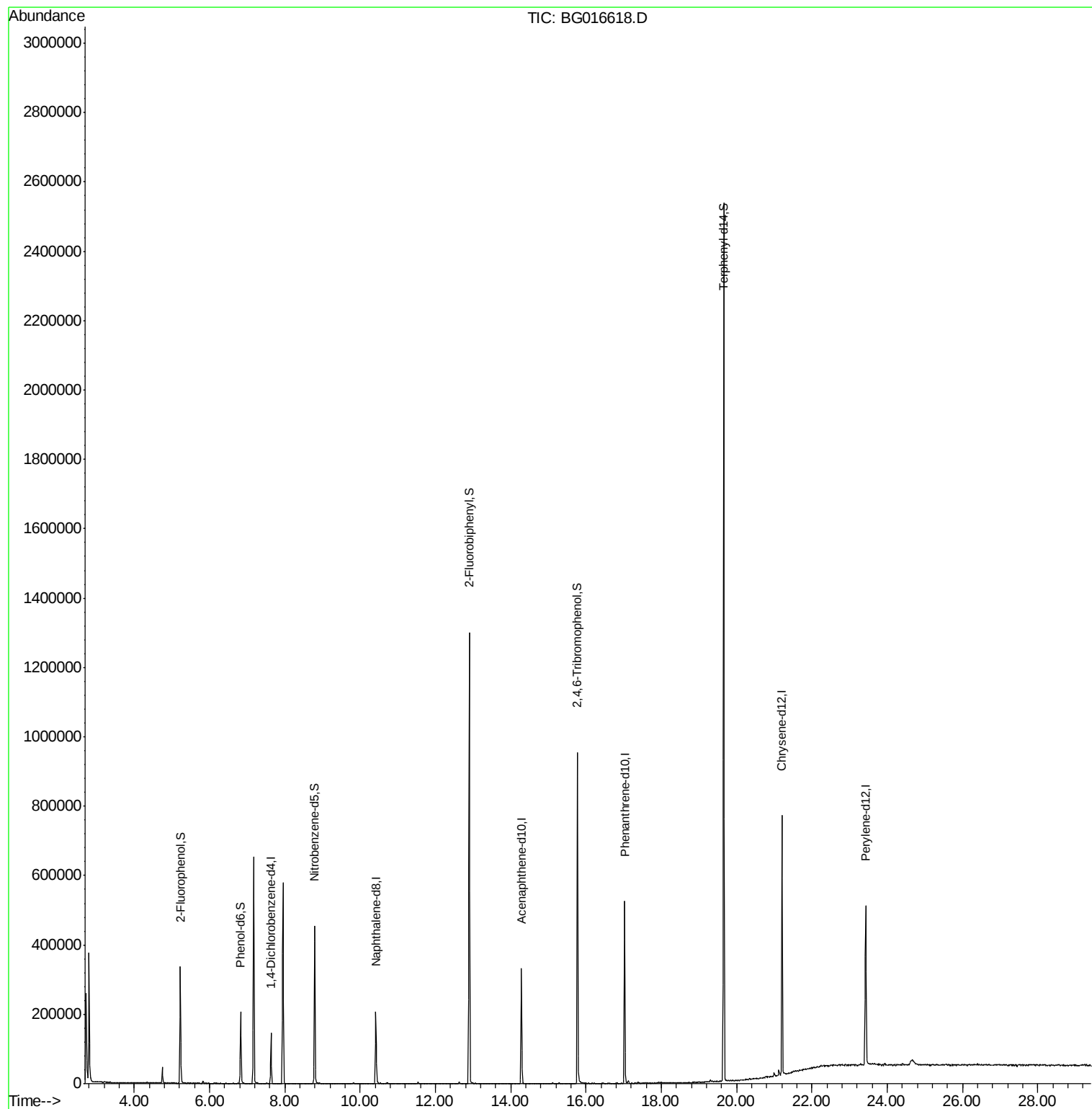
Target Compounds Qvalue

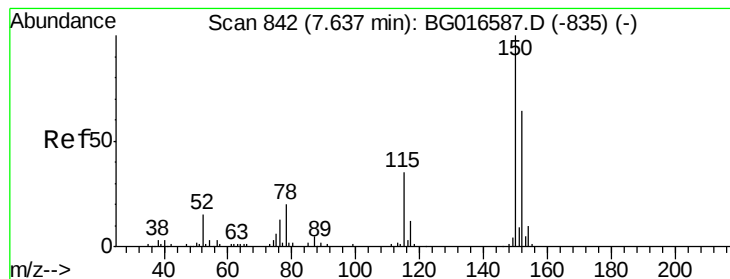
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 23 01:59:09 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
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QLast Update : Thu Apr 23 01:45:23 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.63 min Scan# 842

Delta R.T. 0.01 min

Lab File: BG016618.D

Acq: 22 Apr 2015 14:26

Instrument :

BNA_G

ClientSampleId :

MW-51

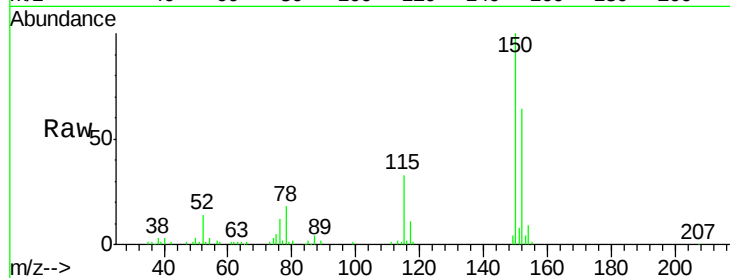
Tot Ion:152 Resp: 42727

Ion Ratio Lower Upper

152 100

150 157.3 125.5 188.3

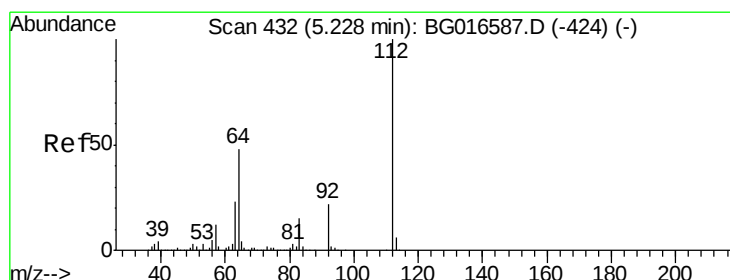
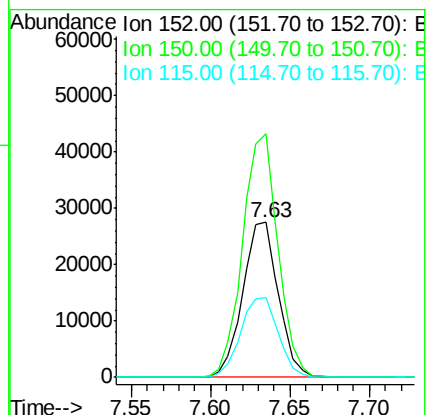
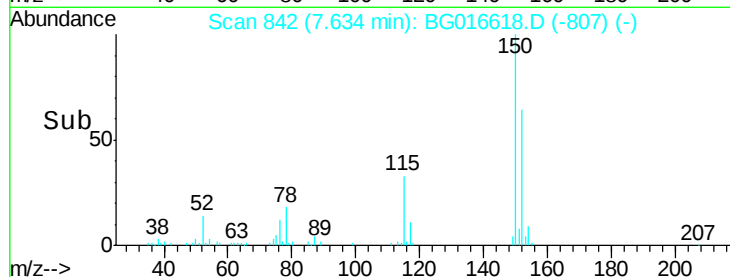
115 51.9 44.5 66.7



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: 63.32 ng

RT: 5.23 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG016618.D

Acq: 22 Apr 2015 14:26

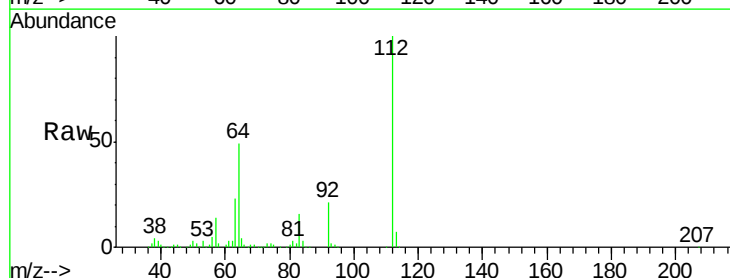
Tgt Ion:112 Resp: 168813

Ion Ratio Lower Upper

112 100

64 49.3 38.5 57.7

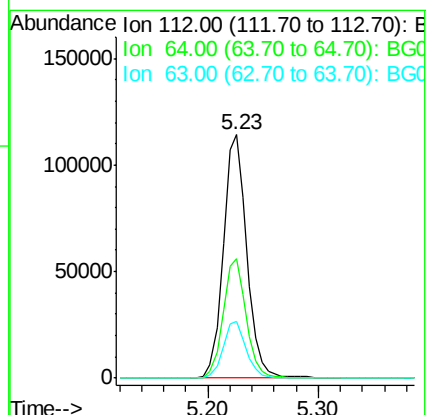
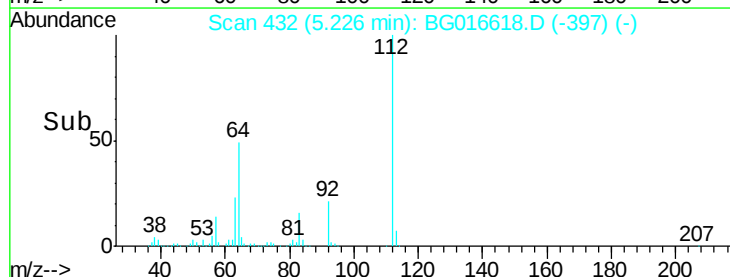
63 23.5 18.2 27.4

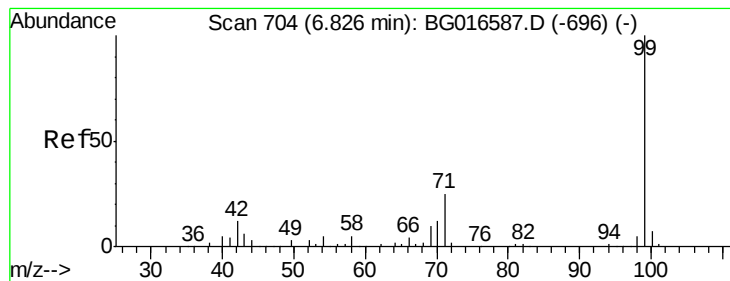


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.92 ng

RT: 6.82 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG016618.D

Acq: 22 Apr 2015 14:26

Instrument :

BNA_G

ClientSampleId :

MW-51

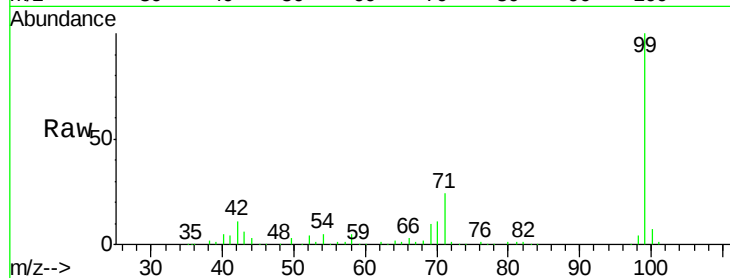
Tot Ion: 99 Resp: 144948

Ion Ratio Lower Upper

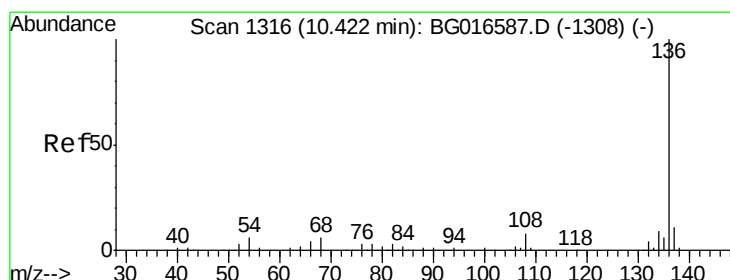
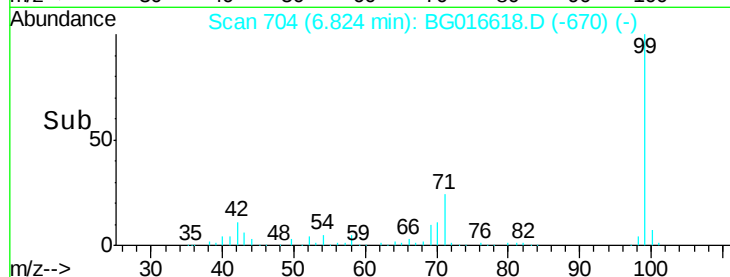
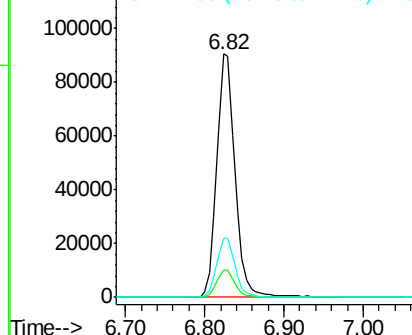
99 100

42 11.3 9.5 14.3

71 24.4 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: BG016618.D

Acq: 22 Apr 2015 14:26

Tgt Ion: 136 Resp: 181631

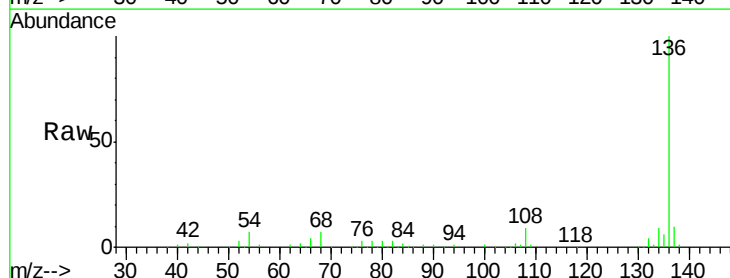
Ion Ratio Lower Upper

136 100

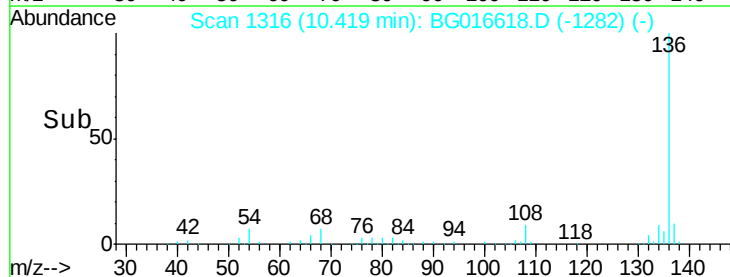
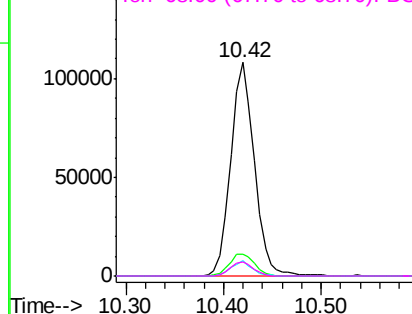
137 10.4 8.8 13.2

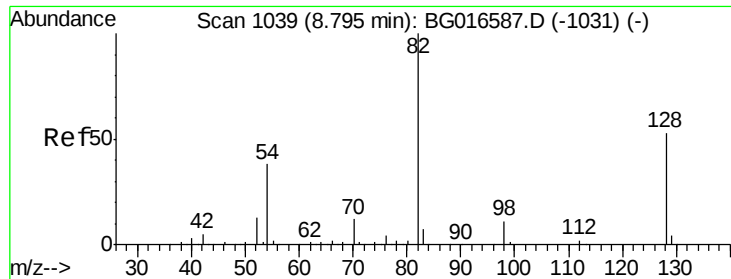
54 7.2 4.9 7.3

68 6.8 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

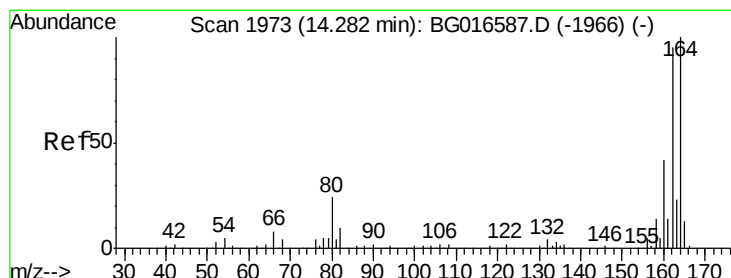
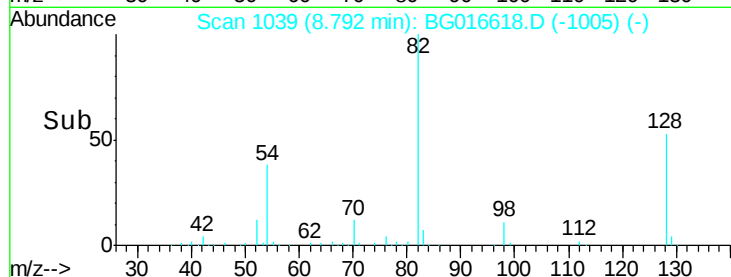
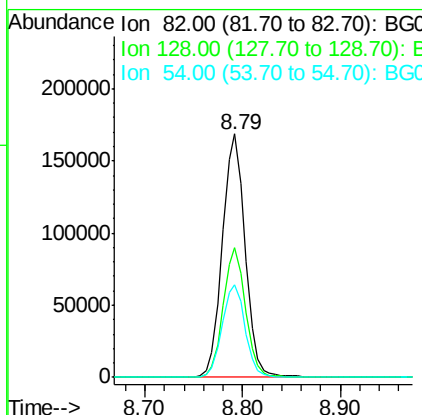
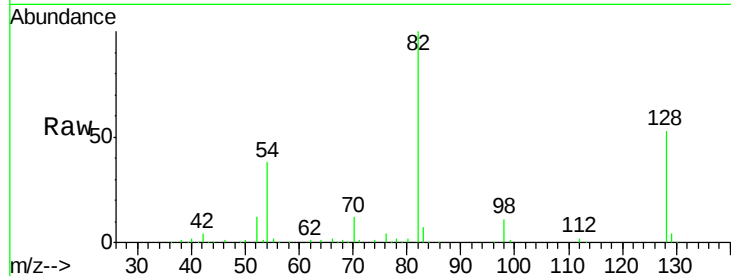




#23
Nitrobenzene-d5
Concen: 92.53 ng
RT: 8.79 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG016618.D
Acq: 22 Apr 2015 14:26

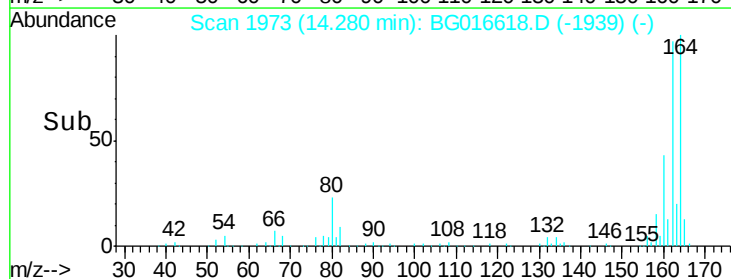
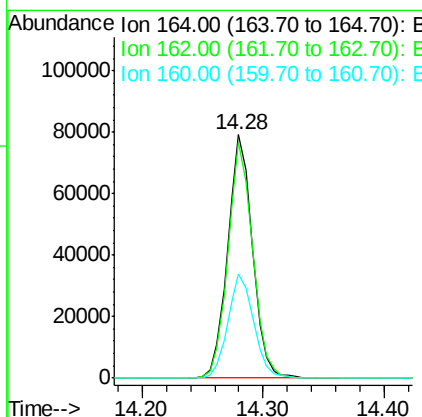
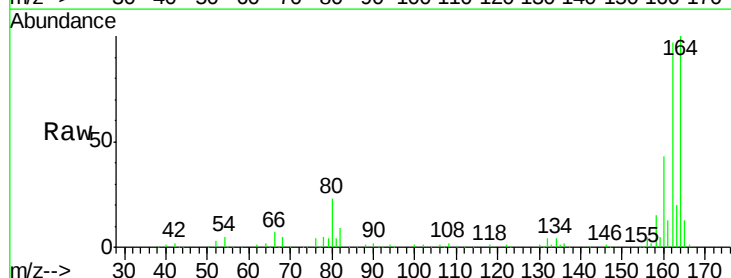
Instrument :
BNA_G
ClientSampled :
MW-51

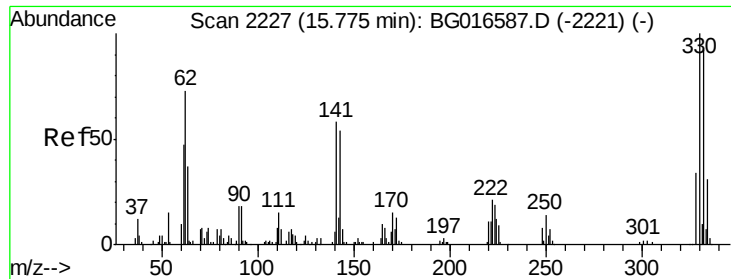
Tot Ion	82	Resp	272953
Ion Ratio	100	Lower	Upper
128	53.1	42.7	64.1
54	38.2	30.6	45.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG016618.D
Acq: 22 Apr 2015 14:26

Tgt Ion	164	Resp	112792
Ion Ratio	100	Lower	Upper
162	96.9	75.8	113.6
160	42.7	33.8	50.6





#41

2,4,6-Tribromophenol

Concen: 176.65 ng

RT: 15.78 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG016618.D

Acq: 22 Apr 2015 14:26

Instrument :

BNA_G

ClientSampleId :

MW-51

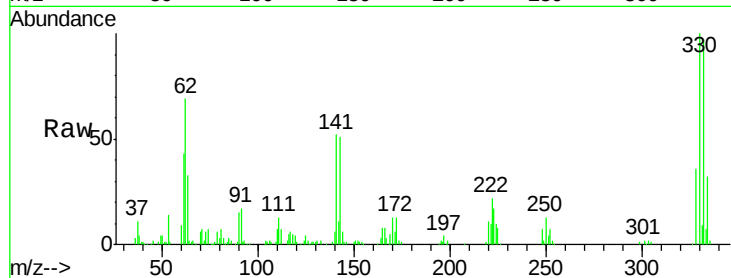
Tot Ion:330 Resp: 135326

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

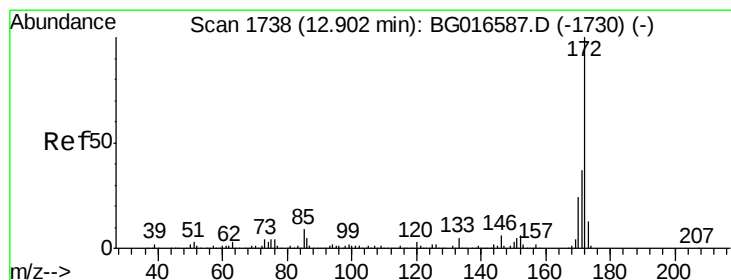
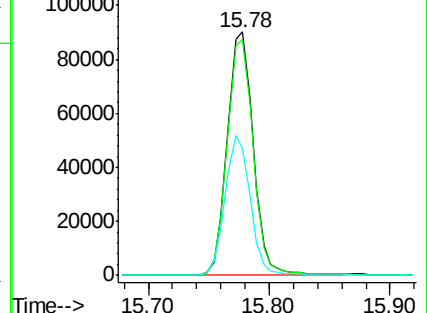
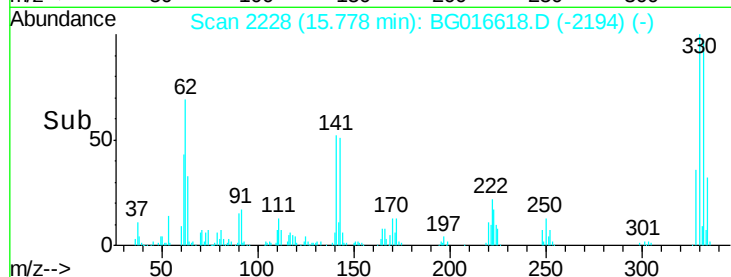
141 55.4 45.9 68.9



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: 92.33 ng

RT: 12.90 min Scan# 1738

Delta R.T. 0.00 min

Lab File: BG016618.D

Acq: 22 Apr 2015 14:26

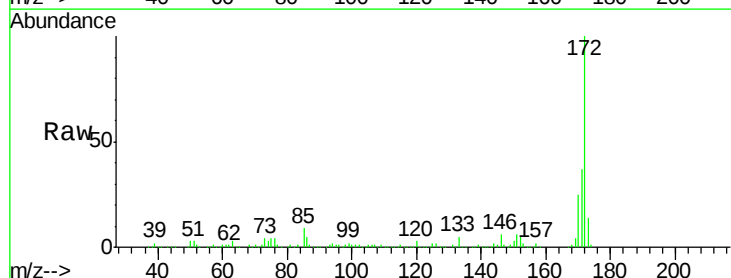
Tgt Ion:172 Resp: 628793

Ion Ratio Lower Upper

172 100

171 37.3 29.6 44.4

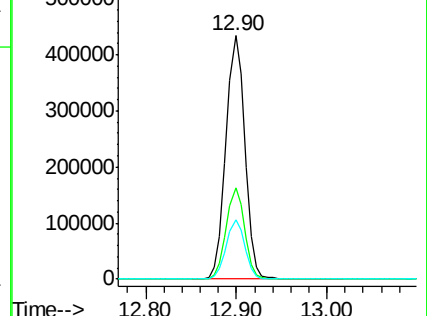
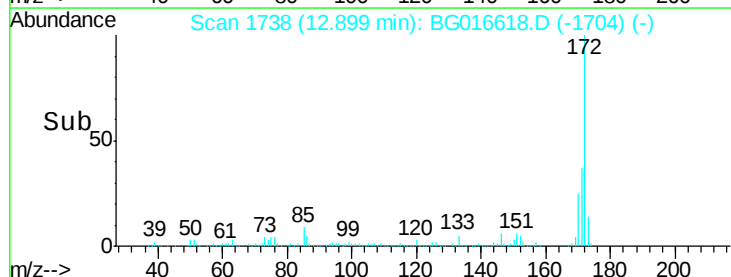
170 24.5 19.4 29.0

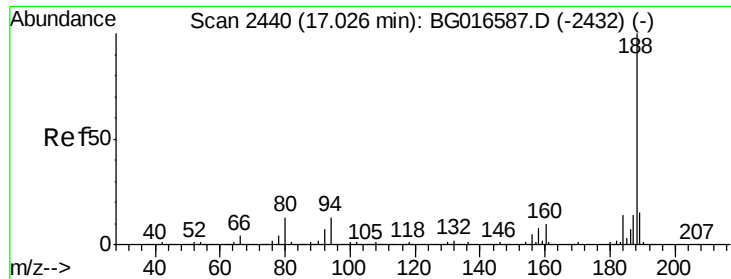


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

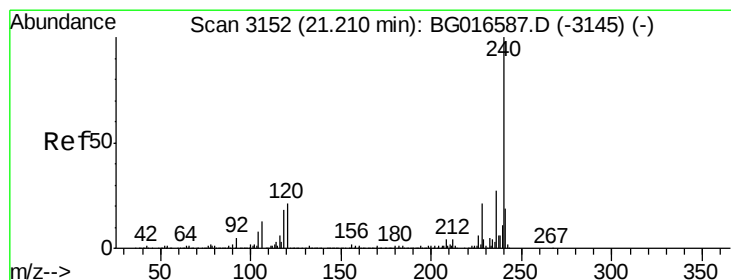
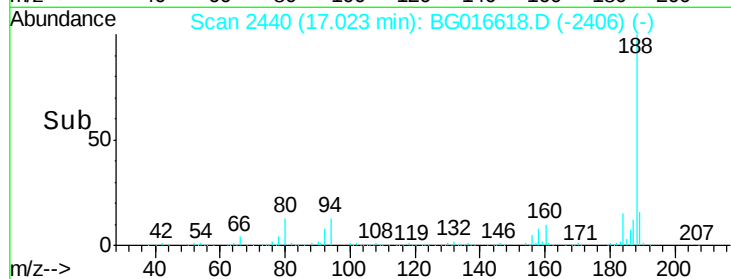
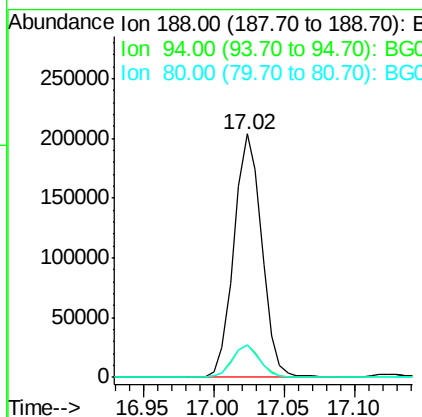
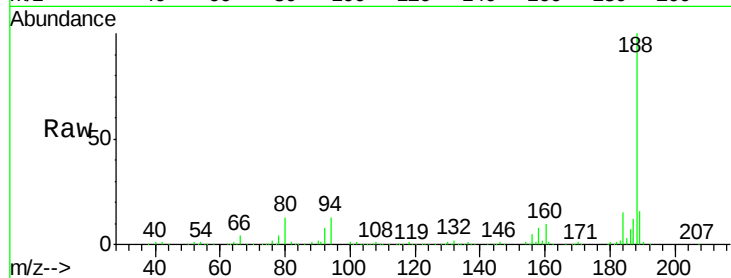




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG016618.D
Acq: 22 Apr 2015 14:26

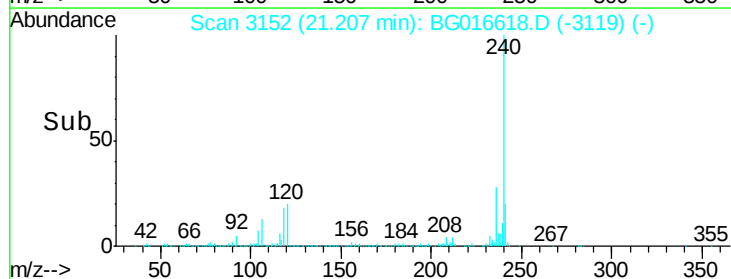
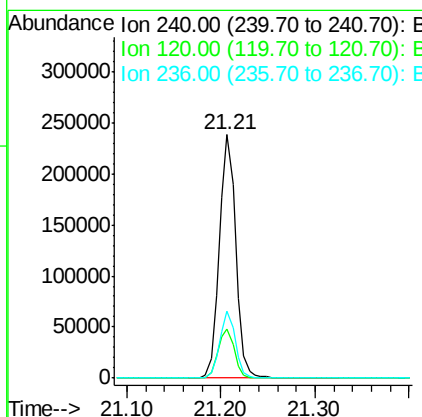
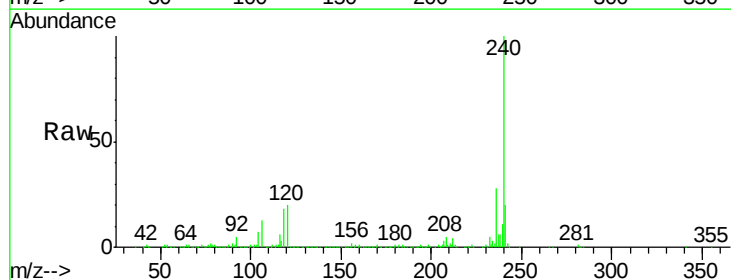
Instrument :
BNA_G
ClientSampleId :
MW-51

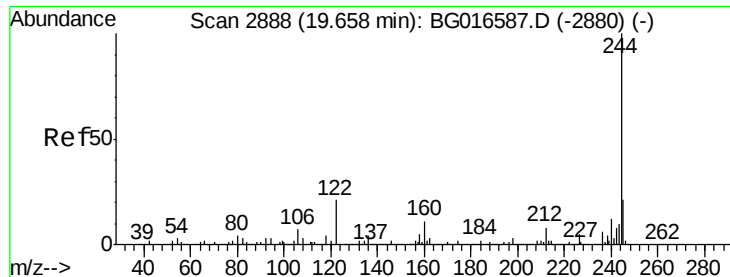
Tot Ion:188 Resp: 280900
Ion Ratio Lower Upper
188 100
94 13.2 10.5 15.7
80 13.1 10.6 16.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG016618.D
Acq: 22 Apr 2015 14:26

Tgt Ion:240 Resp: 291630
Ion Ratio Lower Upper
240 100
120 20.1 16.7 25.1
236 27.6 21.7 32.5





#78

Terphenyl-d14

Concen: 74.32 ng

RT: 19.66 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG016618.D

Acq: 22 Apr 2015 14:26

Instrument :

BNA_G

ClientSampleId :

MW-51

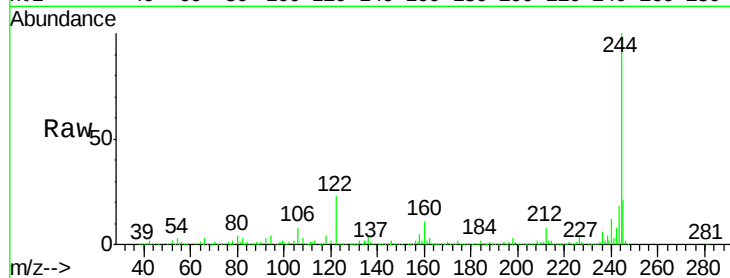
Tot Ion:244 Resp: 899621

Ion Ratio Lower Upper

244 100

212 8.3 6.8 10.2

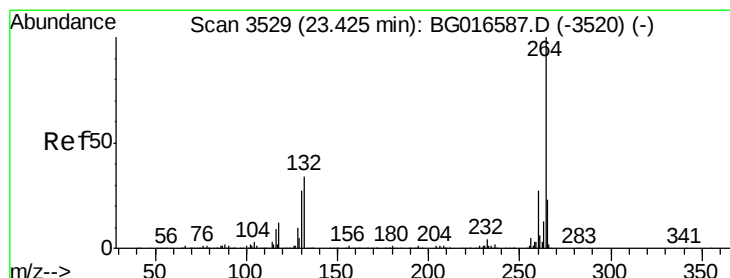
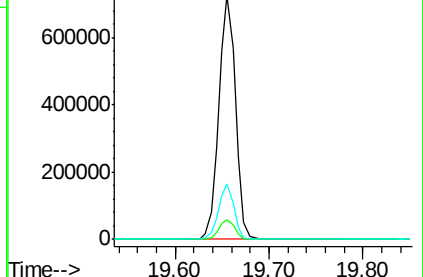
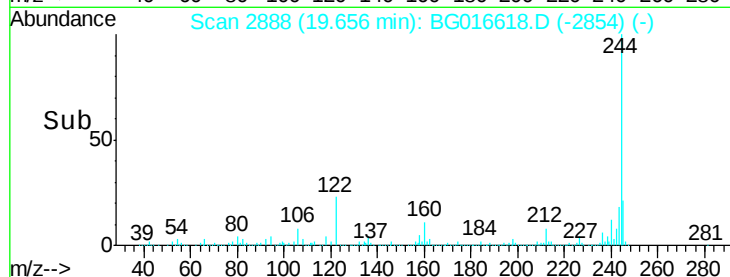
122 22.6 17.0 25.6



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: 23.43 min Scan# 3530

Delta R.T. 0.00 min

Lab File: BG016618.D

Acq: 22 Apr 2015 14:26

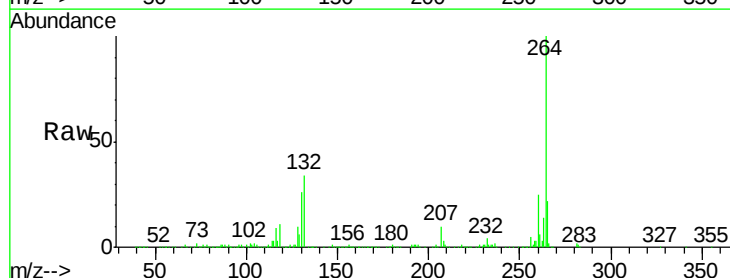
Tgt Ion:264 Resp: 267593

Ion Ratio Lower Upper

264 100

260 25.0 21.4 32.2

265 21.5 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

