

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016491.D
 Acq On : 17 Apr 2015 15:59
 Operator : TP/IZ
 Sample : G1897-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-114-41415

Quant Time: Apr 18 00:49:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 00:32:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	67819	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	290768	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	165455	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	350951	20.00	ng	0.00
75) Chrysene-d12	21.22	240	310091	20.00	ng	0.00
86) Perylene-d12	23.46	264	291043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	228822	53.25	ng	0.01
7) Phenol-d6	6.85	99	183763	28.49	ng	0.00
23) Nitrobenzene-d5	8.82	82	404861	80.66	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	155780	139.22	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	875957	90.14	ng	0.00
78) Terphenyl-d14	19.67	244	1028660	77.64	ng	0.00

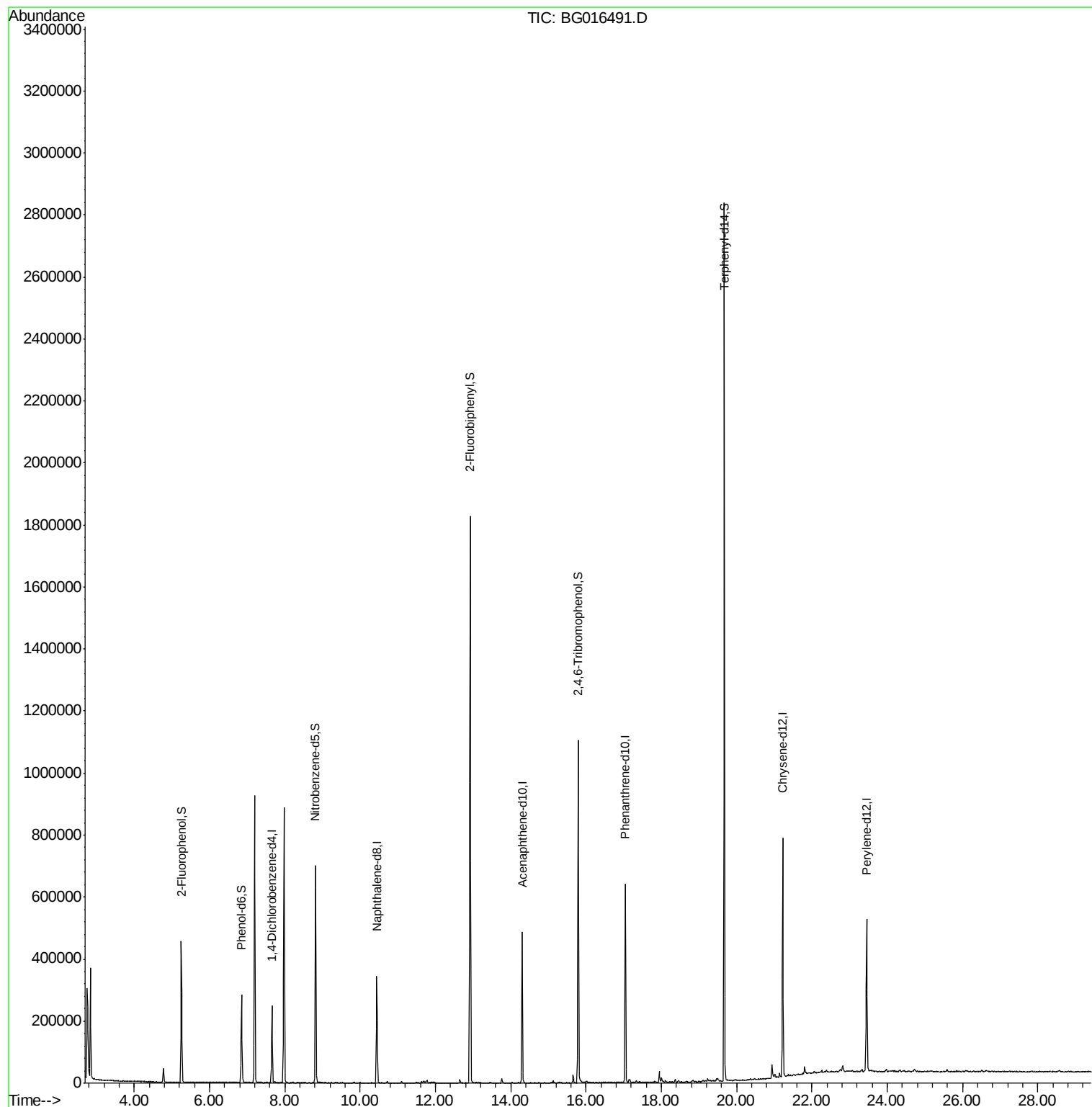
Target Compounds	Qvalue
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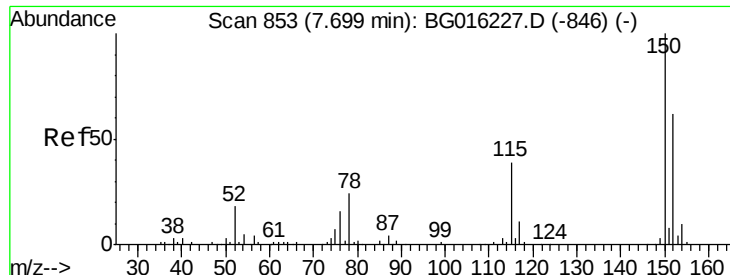
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.01 min

Lab File: BG016491.D

Acq: 17 Apr 2015 15:59

Instrument :

BNA_G

ClientSampleId :

DCW-WW-114-41415

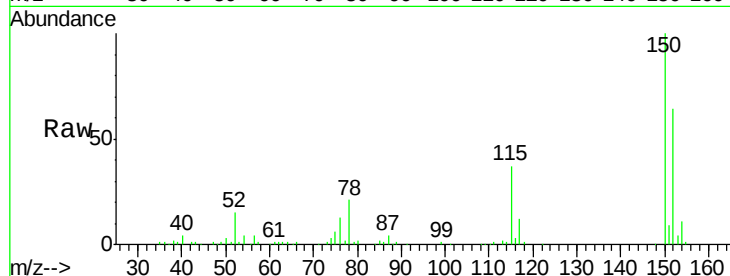
Tgt Ion:152 Resp: 67819

Ion Ratio Lower Upper

152 100

150 157.0 130.1 195.1

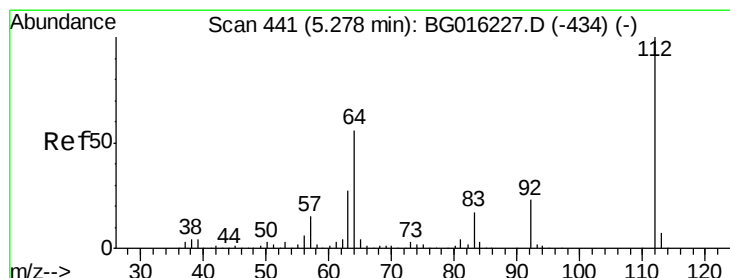
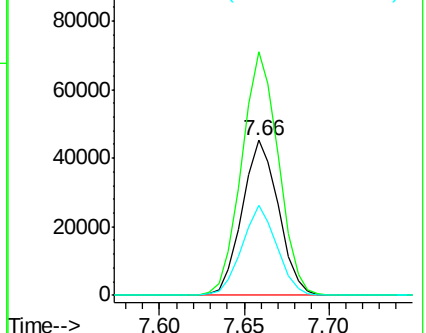
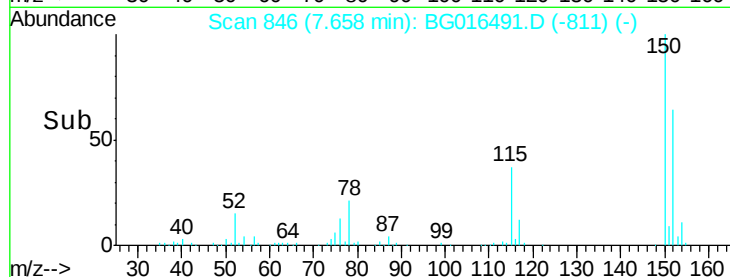
115 57.9 50.5 75.7



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: 53.25 ng

RT: 5.26 min Scan# 437

Delta R.T. 0.01 min

Lab File: BG016491.D

Acq: 17 Apr 2015 15:59

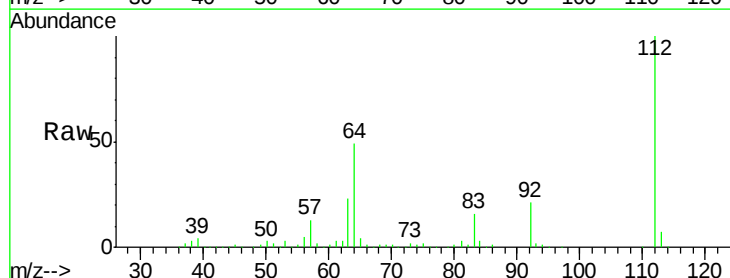
Tgt Ion:112 Resp: 228822

Ion Ratio Lower Upper

112 100

64 49.4 44.5 66.7

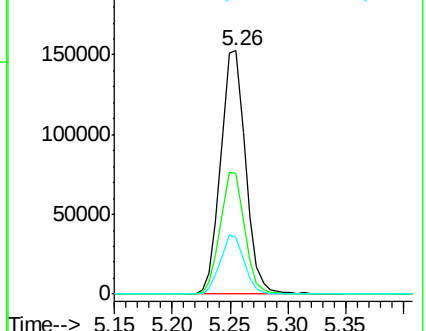
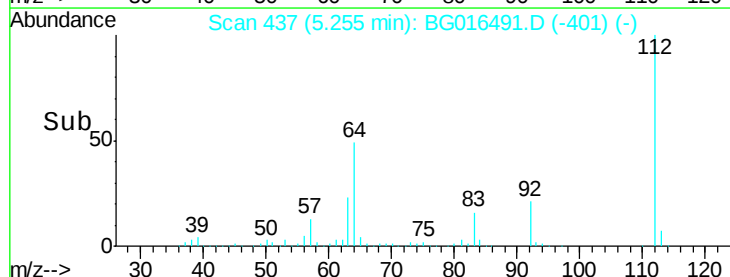
63 23.2 21.4 32.0

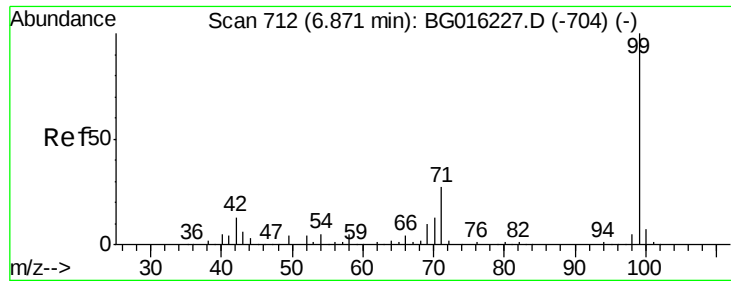


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 28.49 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG016491.D

Acq: 17 Apr 2015 15:59

Instrument :

BNA_G

ClientSampleId :

DCW-WW-114-41415

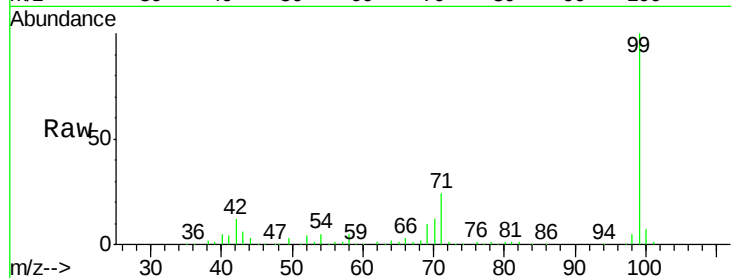
Tgt Ion: 99 Resp: 183763

Ion Ratio Lower Upper

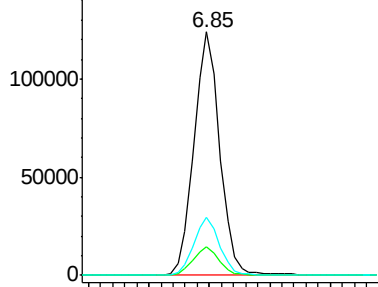
99 100

42 11.6 10.0 15.0

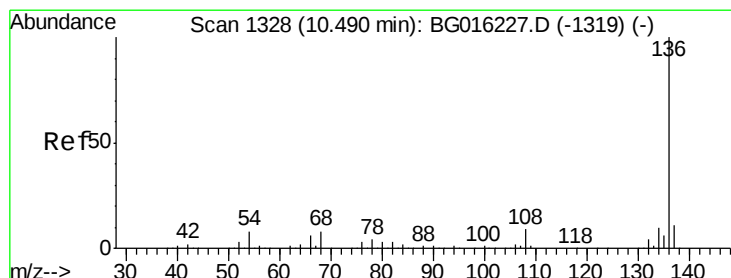
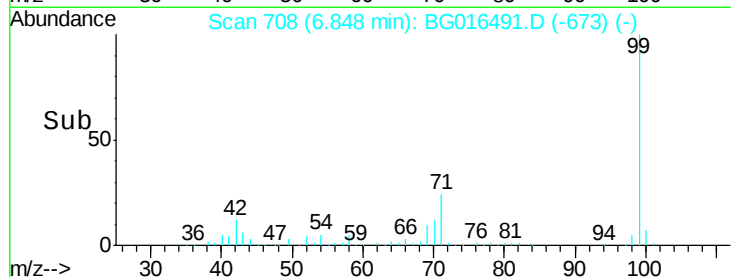
71 23.8 21.5 32.3



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



Time--> 6.75 6.80 6.85 6.90 6.95



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.44 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG016491.D

Acq: 17 Apr 2015 15:59

Tgt Ion: 136 Resp: 290768

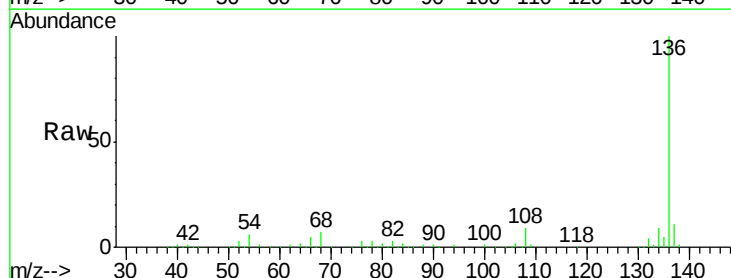
Ion Ratio Lower Upper

136 100

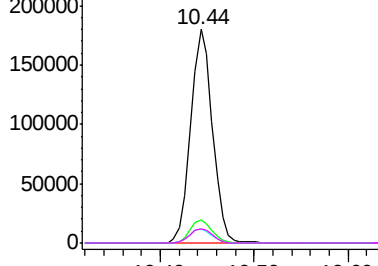
137 11.0 8.7 13.1

54 6.5 6.3 9.5

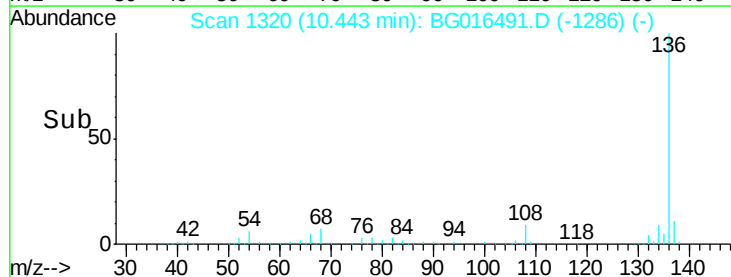
68 6.7 6.5 9.7



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



Time--> 10.40 10.50 10.60

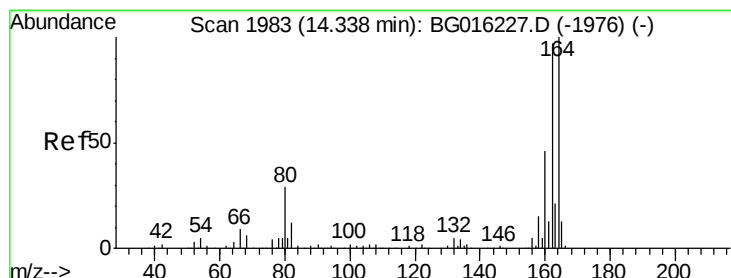
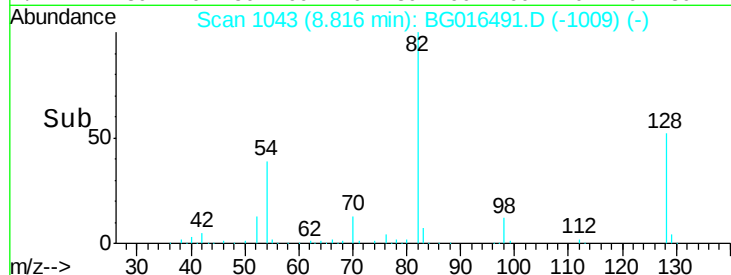
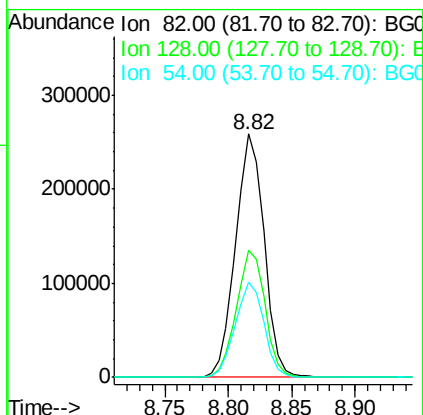
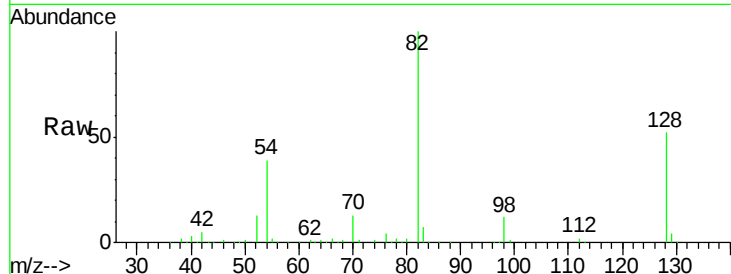




#23
 Nitrobenzene-d5
 Concen: 80.66 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG016491.D
 Acq: 17 Apr 2015 15:59

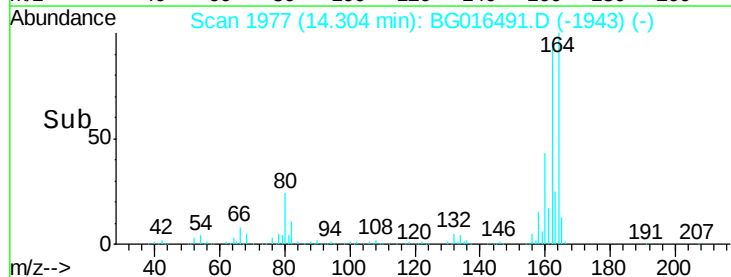
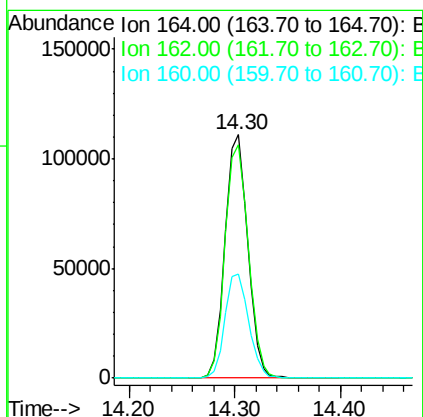
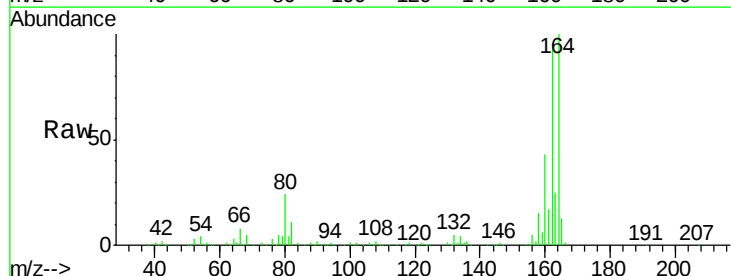
Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-114-41415

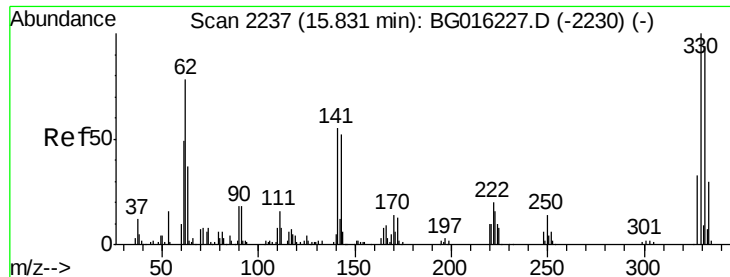
Tgt Ion: 82 Resp: 404861
 Ion Ratio Lower Upper
 82 100
 128 52.3 37.8 56.8
 54 39.1 32.6 49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BG016491.D
 Acq: 17 Apr 2015 15:59

Tgt Ion: 164 Resp: 165455
 Ion Ratio Lower Upper
 164 100
 162 95.7 77.3 115.9
 160 42.7 36.7 55.1

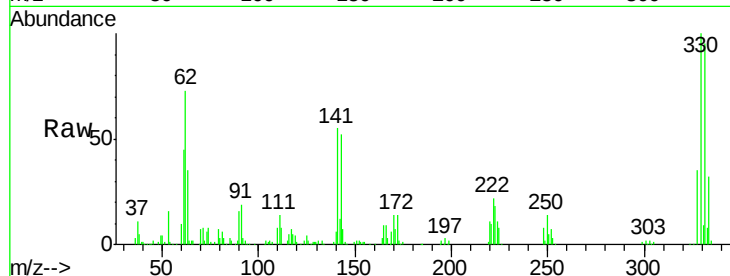




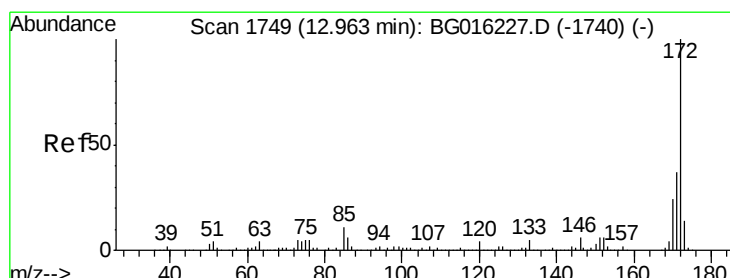
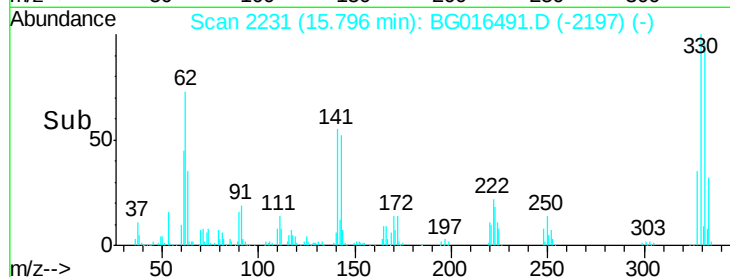
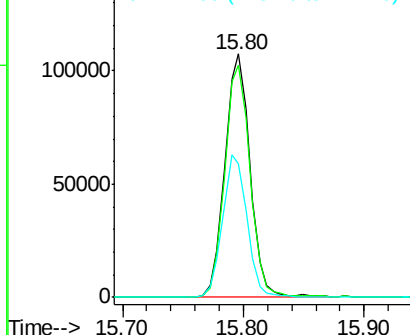
#41
 2,4,6-Tribromophenol
 Concen: 139.22 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. -0.00 min
 Lab File: BG016491.D
 Acq: 17 Apr 2015 15:59

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-114-41415

Tgt Ion:330 Resp: 155780
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.8 113.6
 141 56.8 46.6 69.8

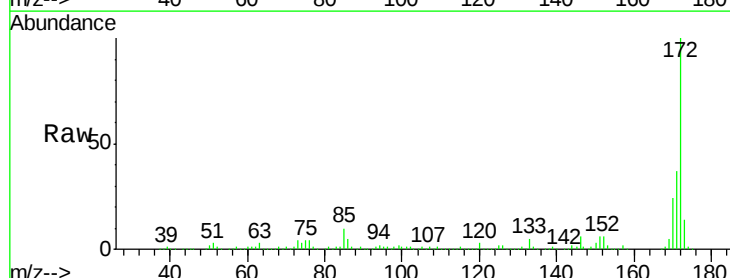


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

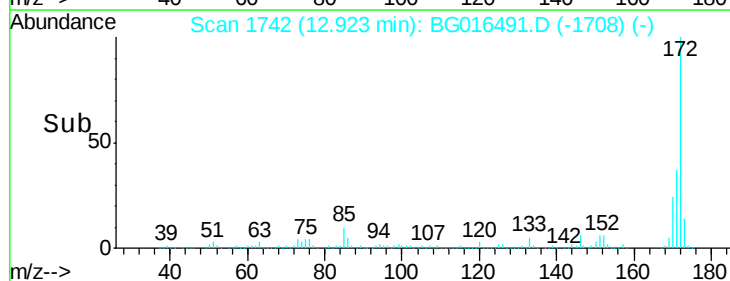
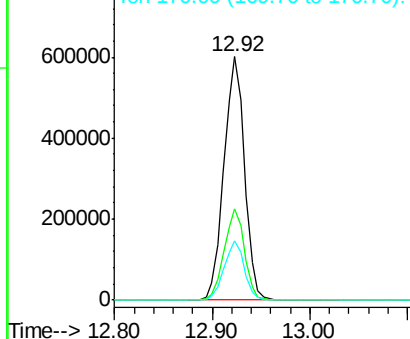


#44
 2-Fluorobiphenyl
 Concen: 90.14 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG016491.D
 Acq: 17 Apr 2015 15:59

Tgt Ion:172 Resp: 875957
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 24.4 19.4 29.2



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

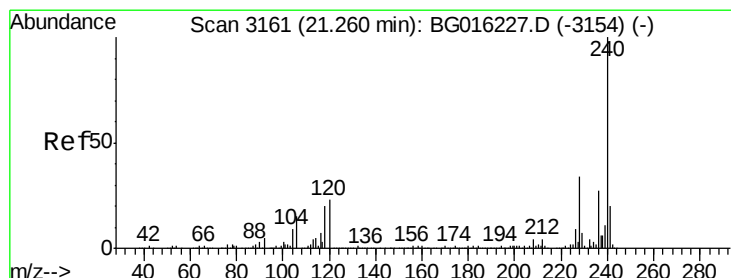
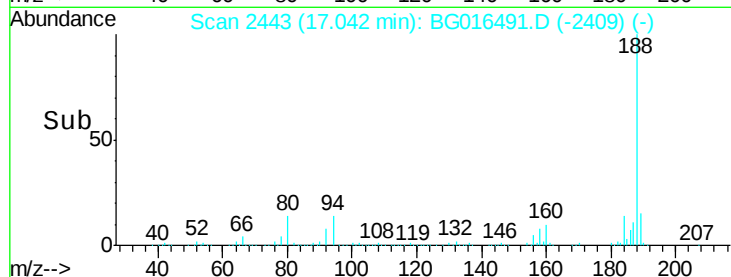
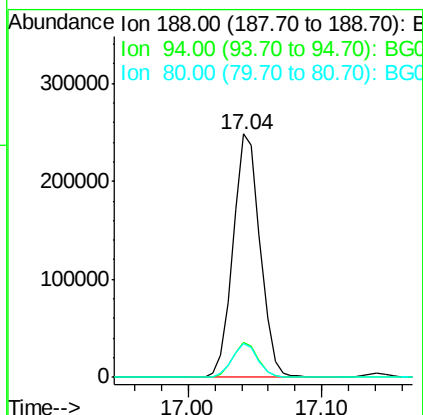
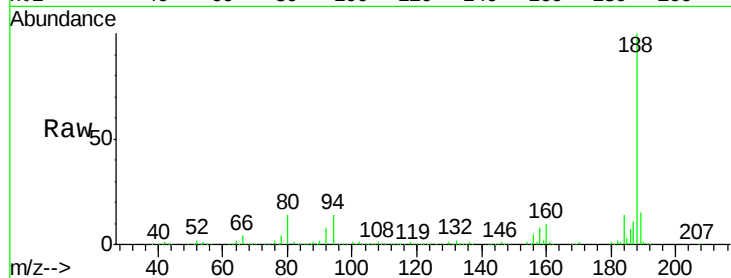




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG016491.D
Acq: 17 Apr 2015 15:59

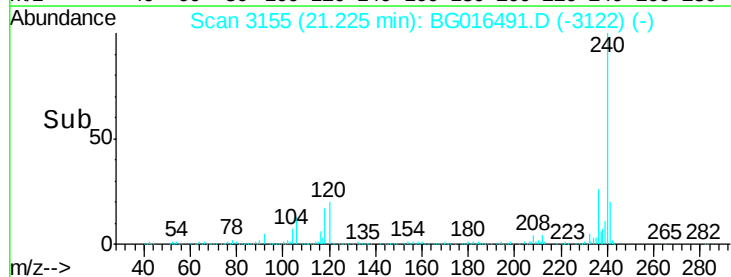
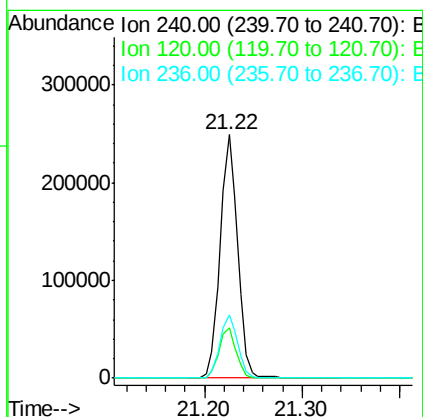
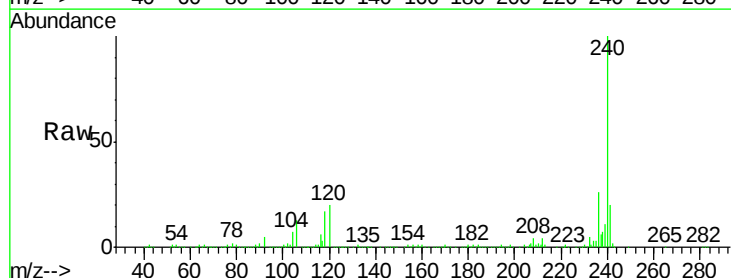
Instrument :
BNA_G
ClientSampleId :
DCW-WW-114-41415

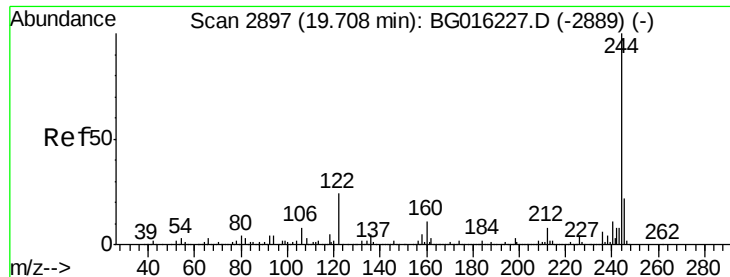
Tgt Ion:188 Resp: 350951
Ion Ratio Lower Upper
188 100
94 14.5 12.2 18.4
80 13.7 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016491.D
Acq: 17 Apr 2015 15:59

Tgt Ion:240 Resp: 310091
Ion Ratio Lower Upper
240 100
120 20.4 18.6 28.0
236 26.1 21.7 32.5





#78

Terphenyl-d14

Concen: 77.64 ng

RT: 19.67 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG016491.D

Acq: 17 Apr 2015 15:59

Instrument :

BNA_G

ClientSampleId :

DCW-WW-114-41415

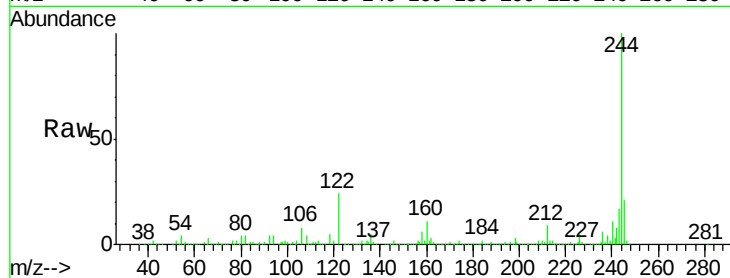
Tgt Ion:244 Resp: 1028660

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

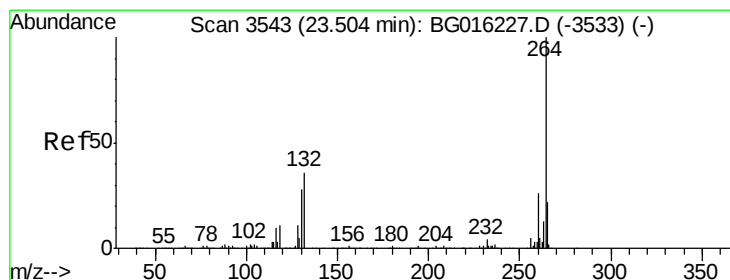
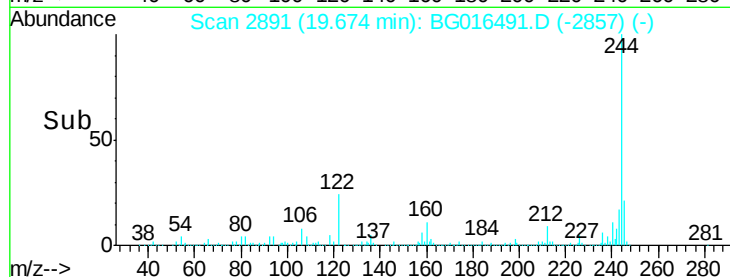
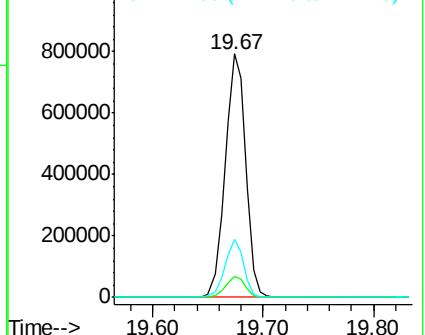
122 23.9 19.1 28.7



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: 23.46 min Scan# 3535

Delta R.T. 0.01 min

Lab File: BG016491.D

Acq: 17 Apr 2015 15:59

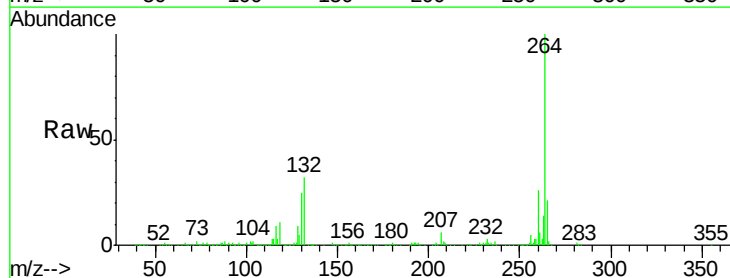
Tgt Ion:264 Resp: 291043

Ion Ratio Lower Upper

264 100

260 25.7 20.4 30.6

265 21.1 17.2 25.8



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

