

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016442.D
 Acq On : 16 Apr 2015 4:17
 Operator : TP/IZ
 Sample : G1829-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-9S

Quant Time: Apr 16 07:34:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 04:13:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	75929	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	351466	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	216919	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	449772	20.00	ng	0.00
75) Chrysene-d12	21.23	240	370843	20.00	ng	0.00
86) Perylene-d12	23.46	264	347949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	268054	55.72	ng	0.00
7) Phenol-d6	6.85	99	244137	33.80	ng	0.00
23) Nitrobenzene-d5	8.82	82	484745	79.90	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	214422	146.16	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	1109171	87.06	ng	0.00
78) Terphenyl-d14	19.68	244	1219324	76.95	ng	0.00

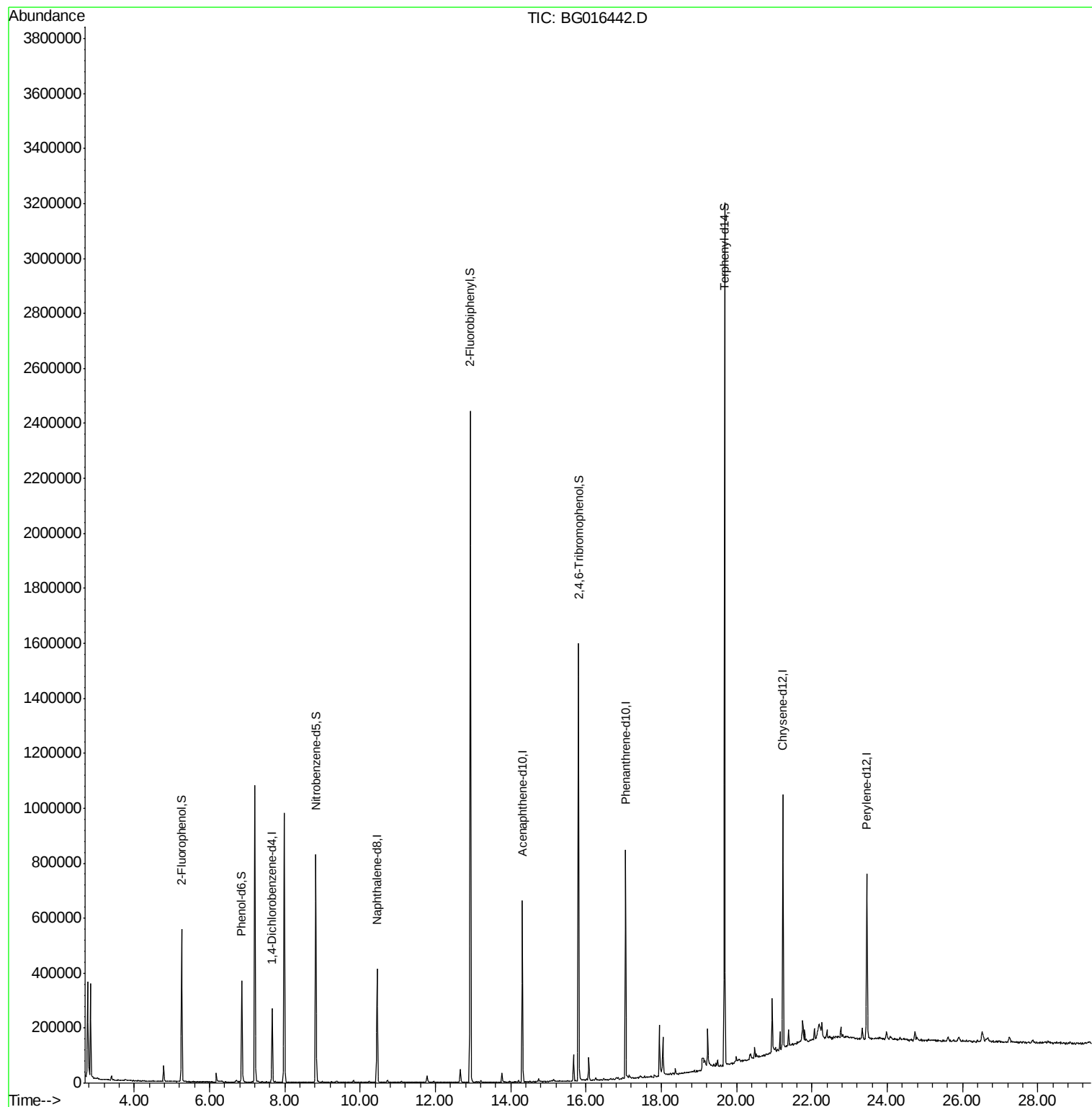
Target Compounds	Qvalue
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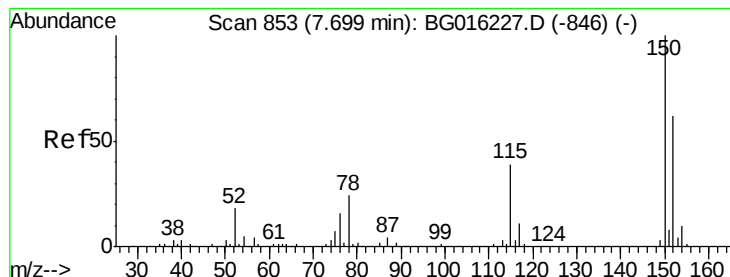
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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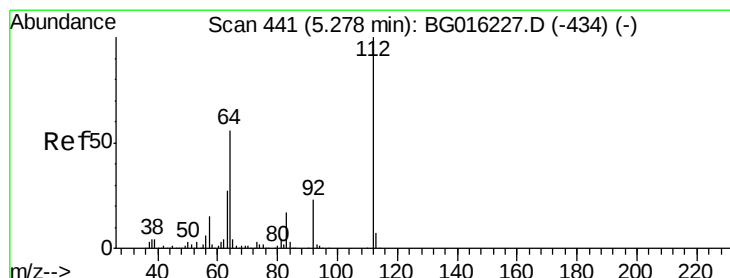
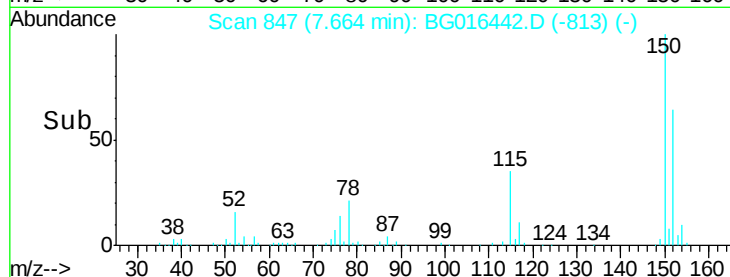
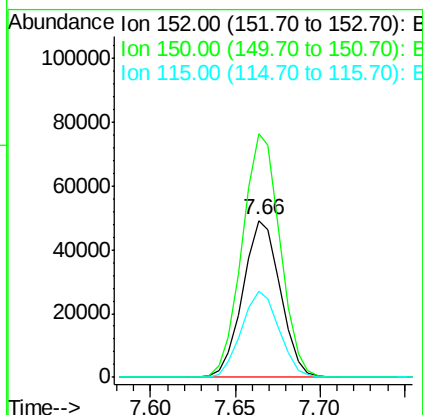
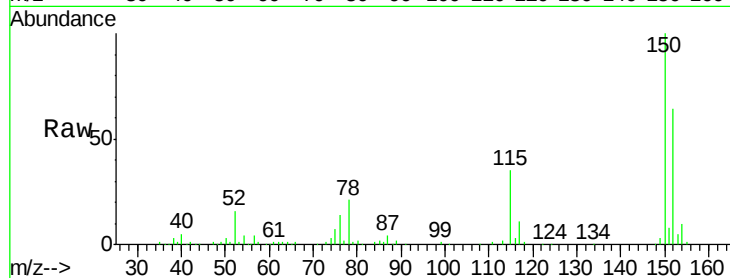


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.66 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG016442.D
 Acq: 16 Apr 2015 4:17

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-9S

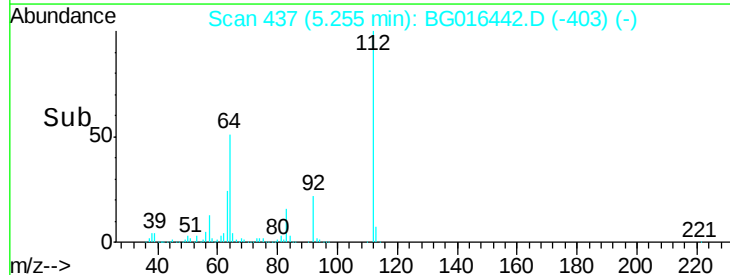
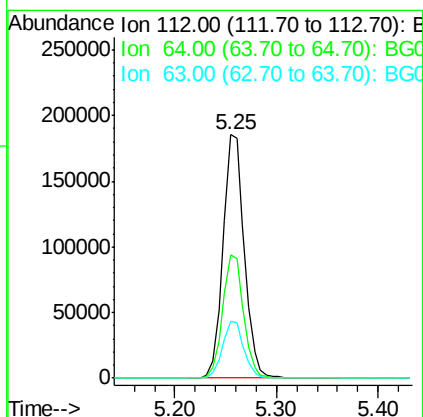
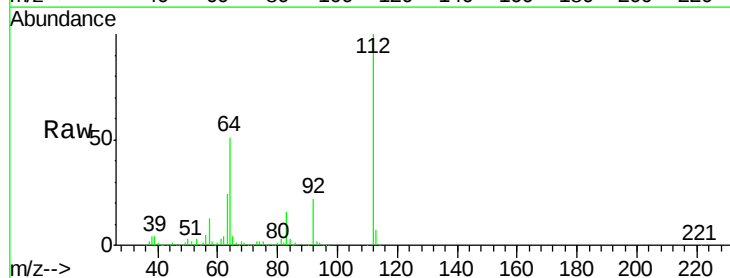
Tgt Ion:152 Resp: 75929
 Ion Ratio Lower Upper
 152 100
 150 155.2 130.1 195.1
 115 54.6 50.5 75.7

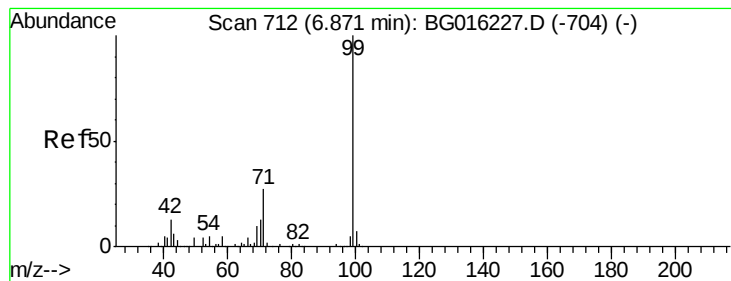


#5

2-Fluorophenol
 Concen: 55.72 ng
 RT: 5.25 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BG016442.D
 Acq: 16 Apr 2015 4:17

Tgt Ion:112 Resp: 268054
 Ion Ratio Lower Upper
 112 100
 64 50.7 44.5 66.7
 63 23.5 21.4 32.0





#7

Phenol-d6

Concen: 33.80 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016442.D

Acq: 16 Apr 2015 4:17

Instrument :

BNA_G

ClientSampleId :

TE-PMW-9S

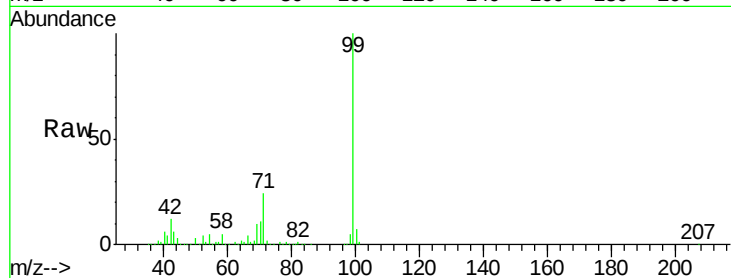
Tgt Ion: 99 Resp: 244137

Ion Ratio Lower Upper

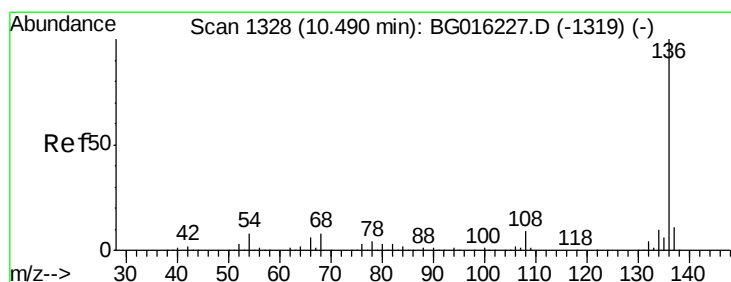
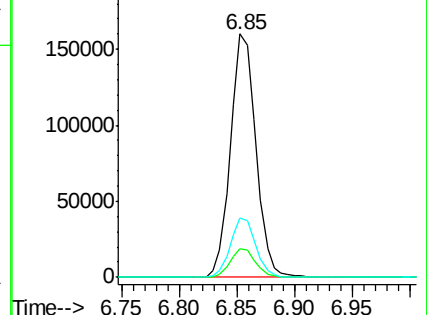
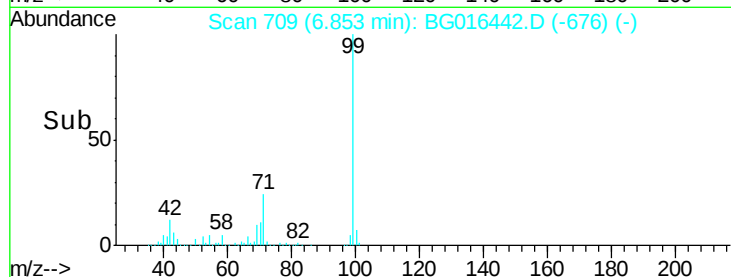
99 100

42 11.8 10.0 15.0

71 24.3 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG016442.D

Acq: 16 Apr 2015 4:17

Tgt Ion: 136 Resp: 351466

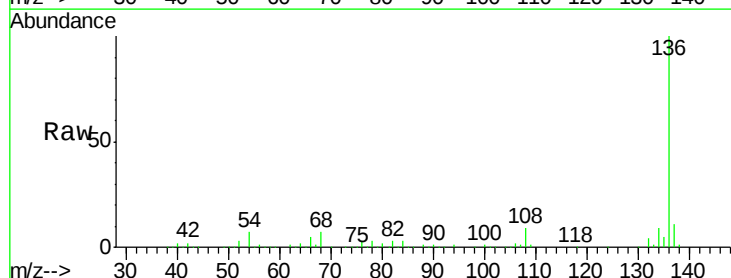
Ion Ratio Lower Upper

136 100

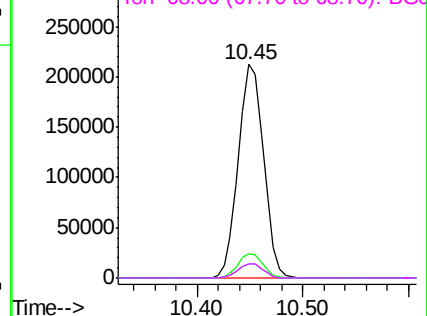
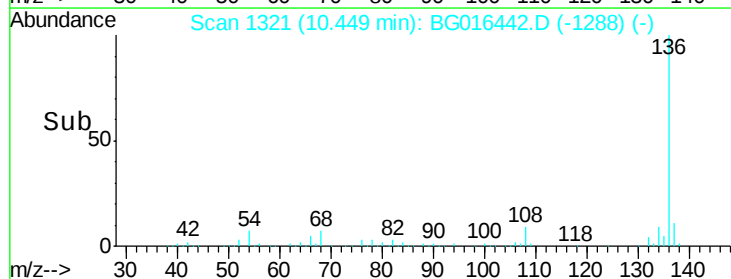
137 11.2 8.7 13.1

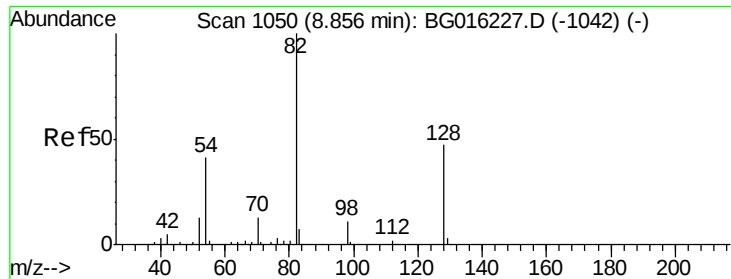
54 6.8 6.3 9.5

68 6.9 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

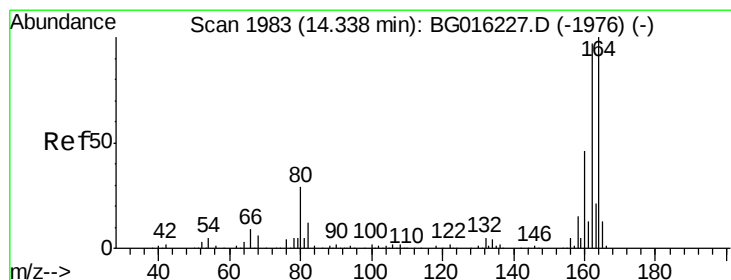
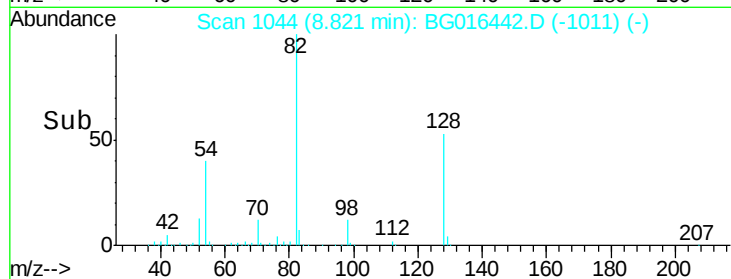
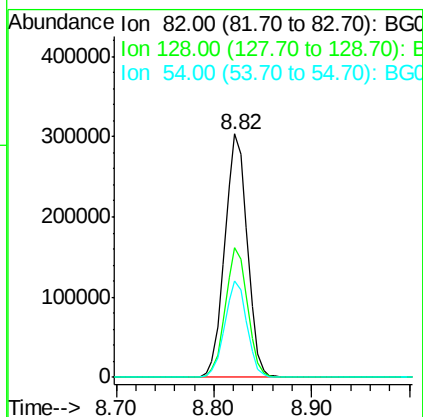
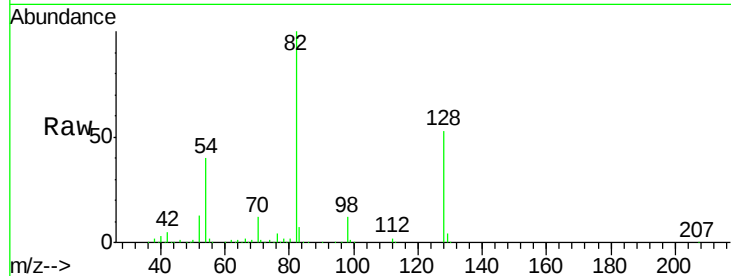




#23
 Nitrobenzene-d5
 Concen: 79.90 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG016442.D
 Acq: 16 Apr 2015 4:17

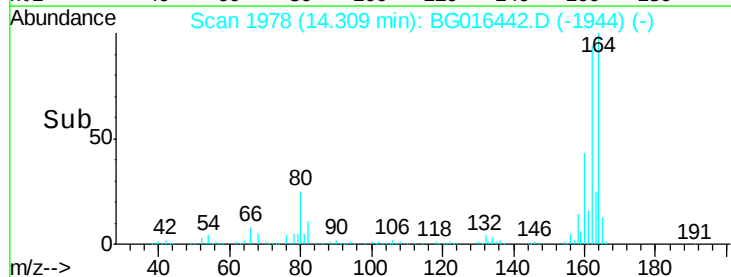
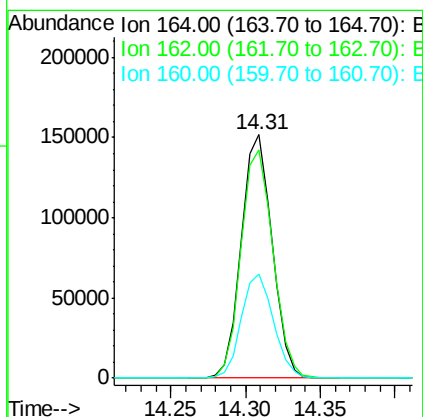
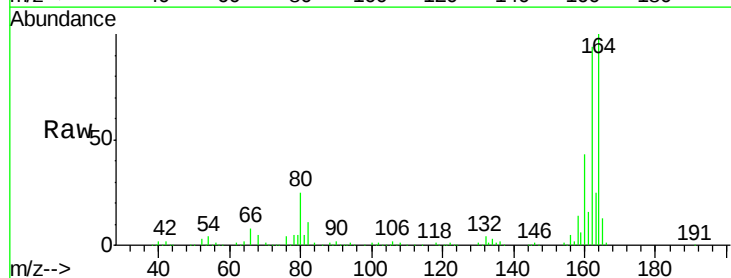
Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-9S

Tgt Ion: 82 Resp: 484745
 Ion Ratio Lower Upper
 82 100
 128 53.2 37.8 56.8
 54 39.8 32.6 49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.00 min
 Lab File: BG016442.D
 Acq: 16 Apr 2015 4:17

Tgt Ion: 164 Resp: 216919
 Ion Ratio Lower Upper
 164 100
 162 93.6 77.3 115.9
 160 42.8 36.7 55.1

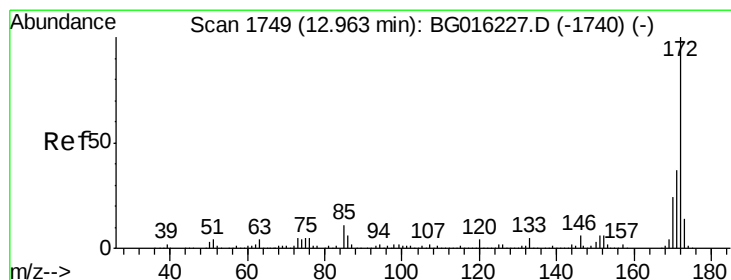
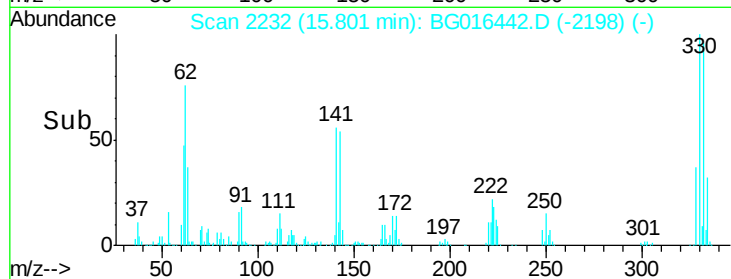
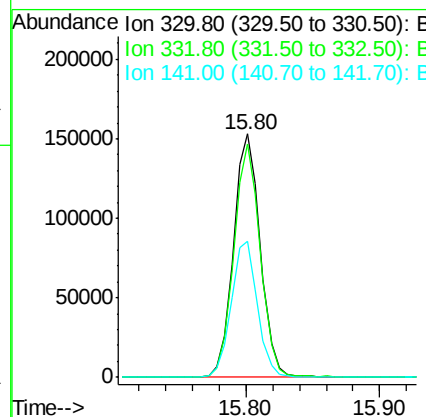
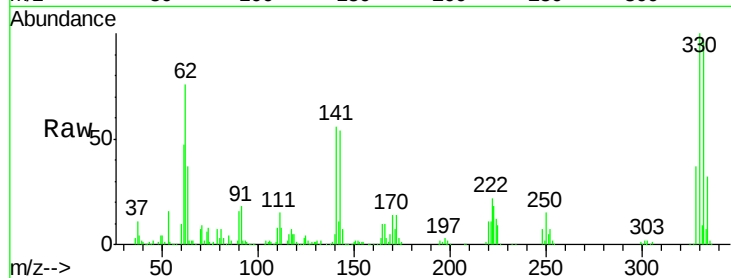




#41
 2,4,6-Tribromophenol
 Concen: 146.16 ng
 RT: 15.80 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BG016442.D
 Acq: 16 Apr 2015 4:17

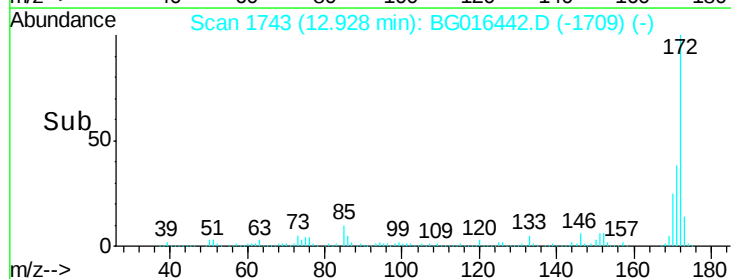
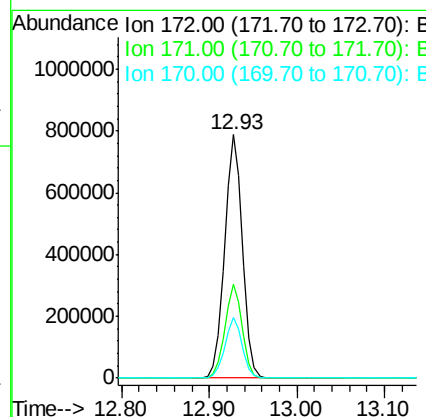
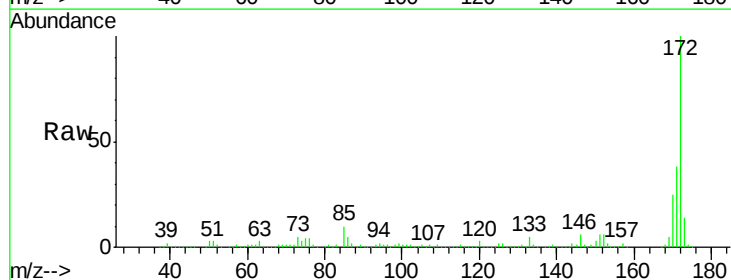
Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-9S

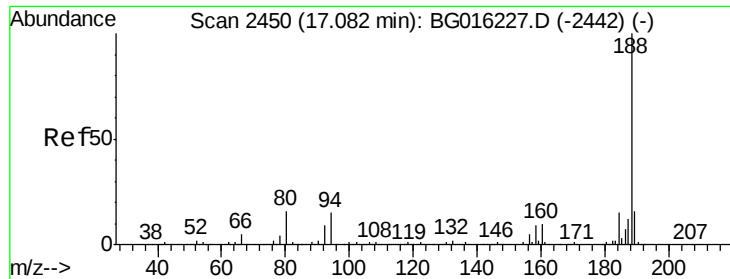
Tgt Ion:330 Resp: 214422
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.8 113.6
 141 55.2 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 87.06 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG016442.D
 Acq: 16 Apr 2015 4:17

Tgt Ion:172 Resp: 1109171
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.6 44.4
 170 24.8 19.4 29.2

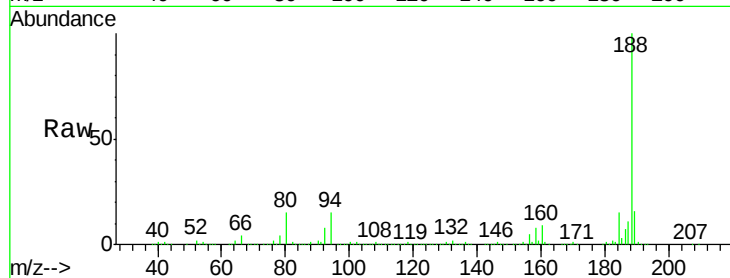




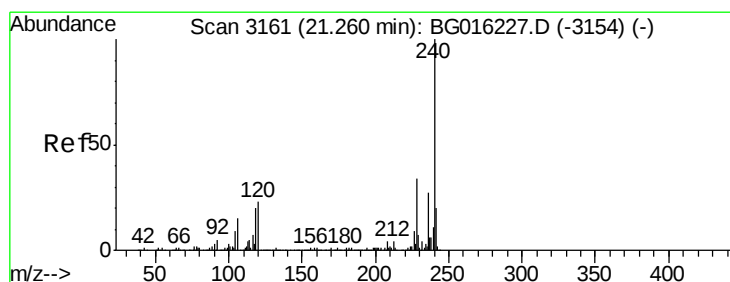
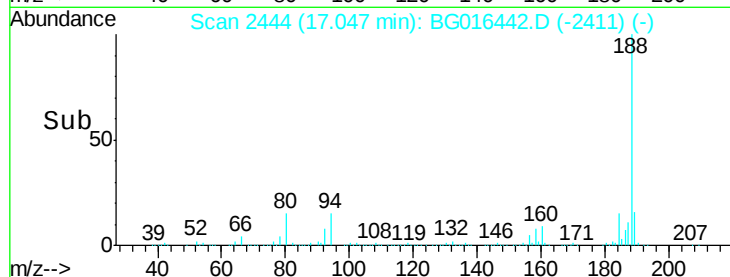
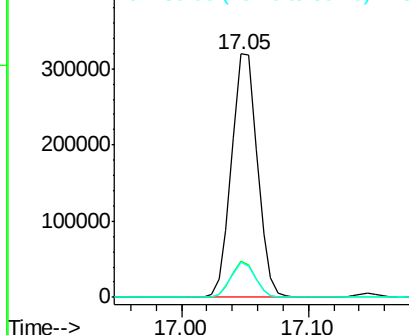
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG016442.D
Acq: 16 Apr 2015 4:17

Instrument :
BNA_G
ClientSampleId :
TE-PMW-9S

Tgt Ion:188 Resp: 449772
Ion Ratio Lower Upper
188 100
94 14.7 12.2 18.4
80 14.5 12.8 19.2

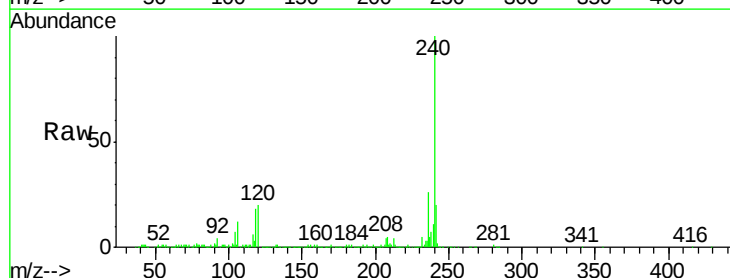


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

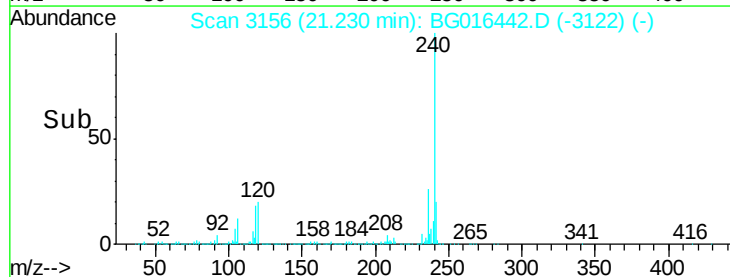
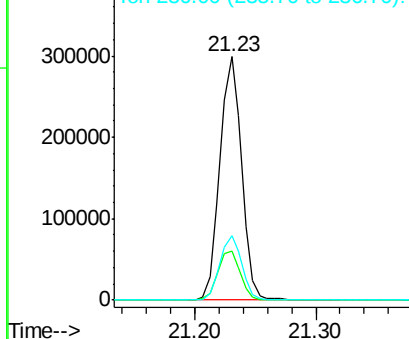


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG016442.D
Acq: 16 Apr 2015 4:17

Tgt Ion:240 Resp: 370843
Ion Ratio Lower Upper
240 100
120 20.4 18.6 28.0
236 26.3 21.7 32.5



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: 76.95 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BG016442.D

Acq: 16 Apr 2015 4:17

Instrument :

BNA_G

ClientSampleId :

TE-PMW-9S

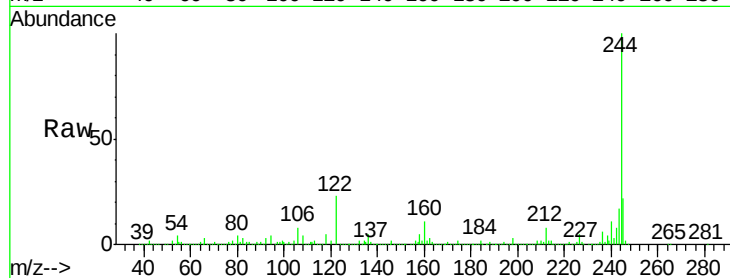
Tgt Ion:244 Resp: 1219324

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

122 23.2 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

1200000

800000

600000

400000

200000

0

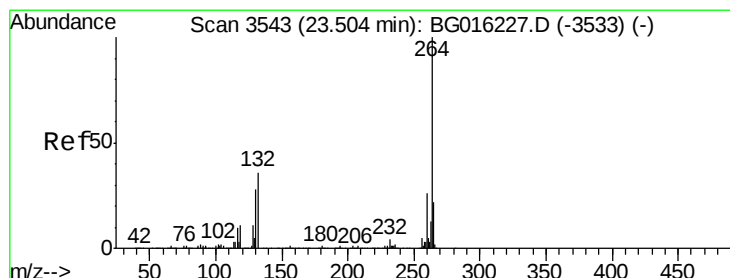
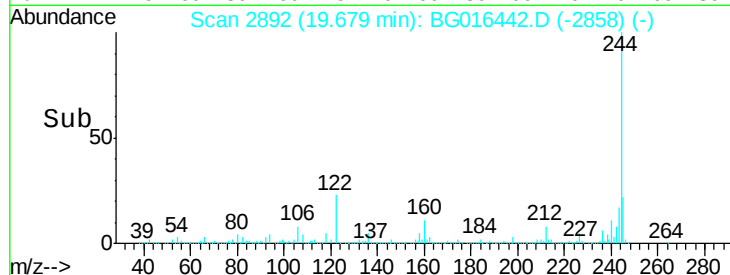
19.68

19.60

19.70

19.80

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.46 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG016442.D

Acq: 16 Apr 2015 4:17

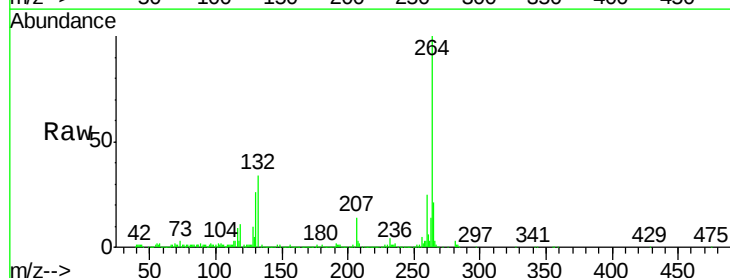
Tgt Ion:264 Resp: 347949

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 21.2 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

250000

200000

150000

100000

50000

0

23.46

23.40

23.50

23.60

Time-->

