

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016432.D
 Acq On : 15 Apr 2015 20:29
 Operator : TP/IZ
 Sample : G1829-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB

Quant Time: Apr 16 03:27:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	79622	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	354095	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	218491	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	457072	20.00	ng	0.00
75) Chrysene-d12	21.23	240	384320	20.00	ng	0.00
86) Perylene-d12	23.46	264	363055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	316360	62.71	ng	0.00
7) Phenol-d6	6.86	99	274791	36.28	ng	0.00
23) Nitrobenzene-d5	8.83	82	536382	87.75	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	237414	160.67	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	1188041	92.58	ng	0.00
78) Terphenyl-d14	19.69	244	1390435	84.67	ng	0.00

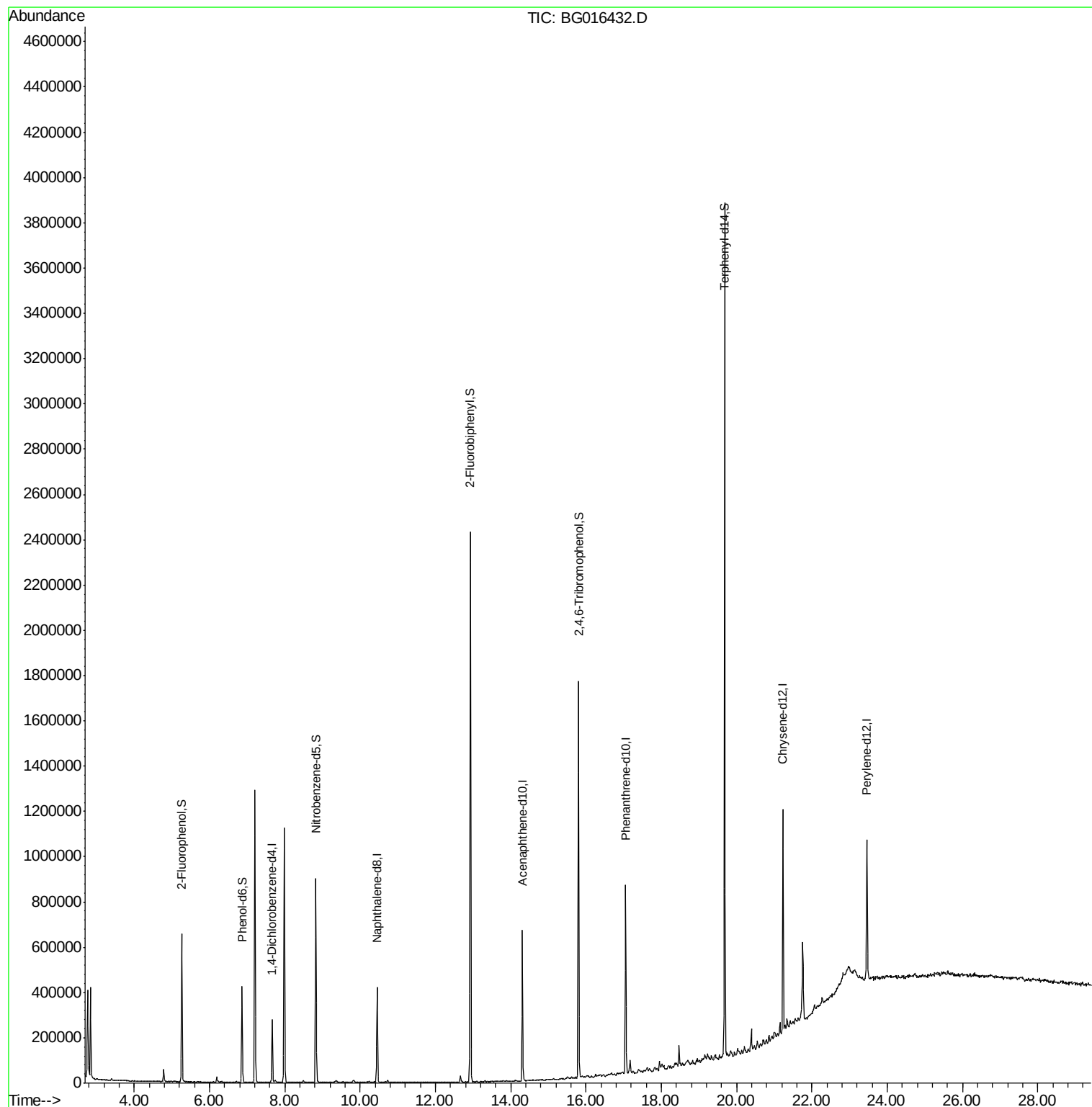
Target Compounds	Qvalue
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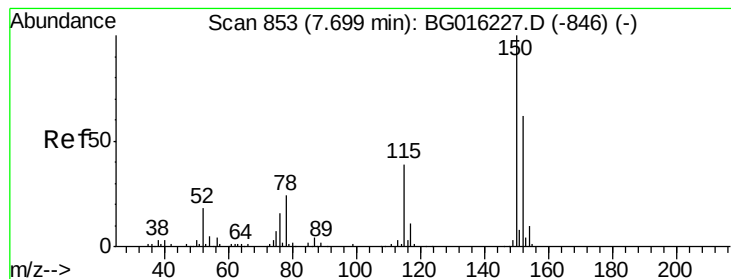
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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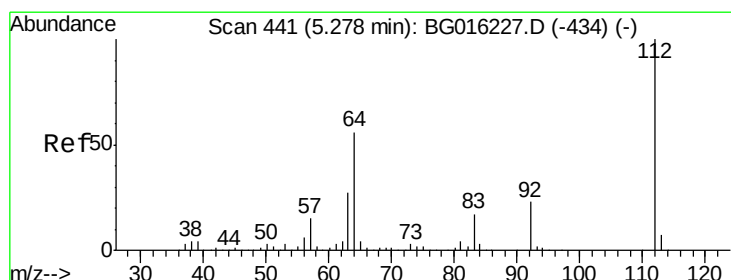
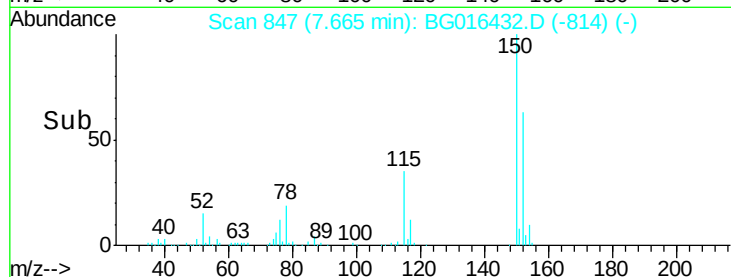
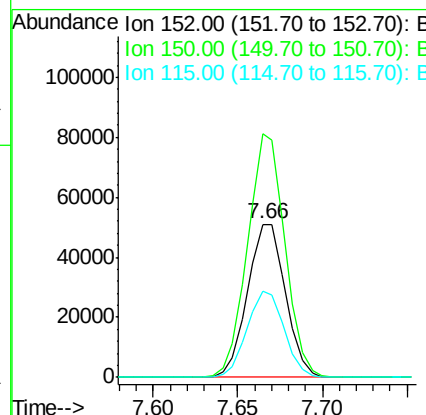
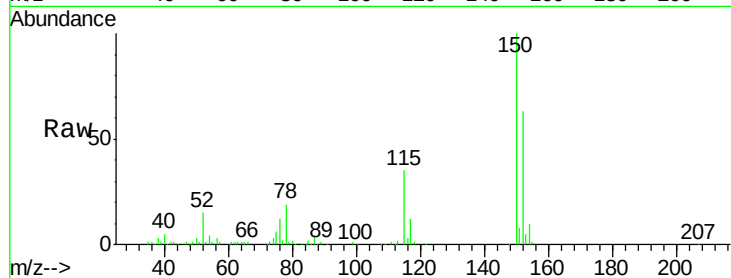




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.66 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG016432.D
 Acq: 15 Apr 2015 20:29

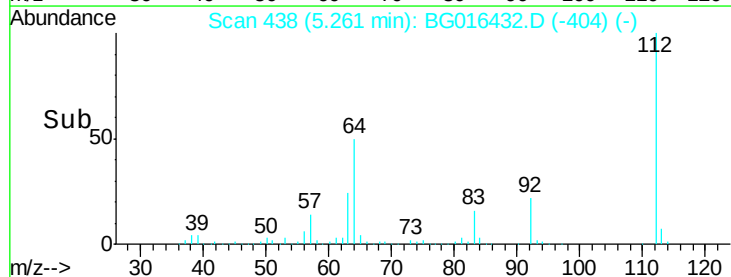
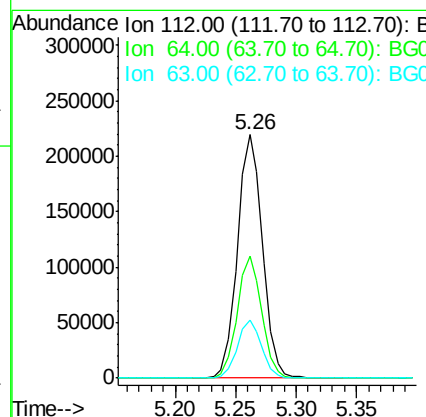
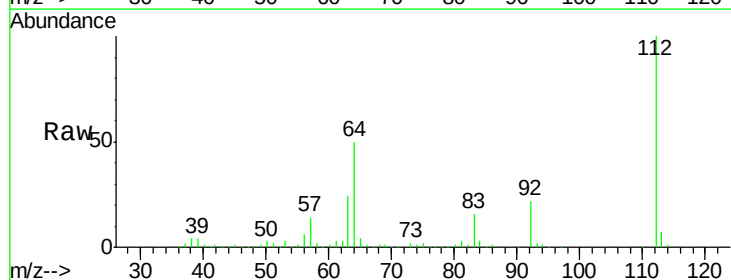
Instrument :
 BNA_G
 ClientSampleId :
 FB

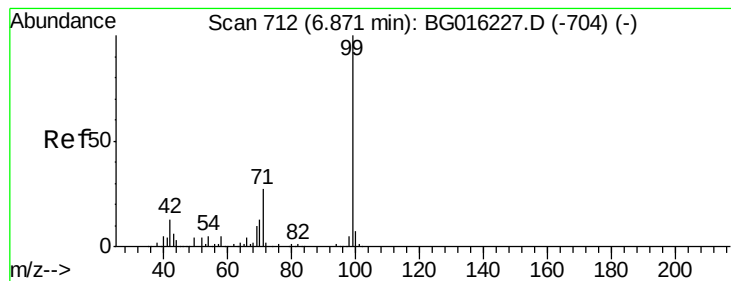
Tgt Ion:152 Resp: 79622
 Ion Ratio Lower Upper
 152 100
 150 158.8 130.1 195.1
 115 56.3 50.5 75.7



#5
 2-Fluorophenol
 Concen: 62.71 ng
 RT: 5.26 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: BG016432.D
 Acq: 15 Apr 2015 20:29

Tgt Ion:112 Resp: 316360
 Ion Ratio Lower Upper
 112 100
 64 50.4 44.5 66.7
 63 24.0 21.4 32.0





#7

Phenol-d6

Concen: 36.28 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG016432.D

Acq: 15 Apr 2015 20:29

Instrument :

BNA_G

ClientSampleId :

FB

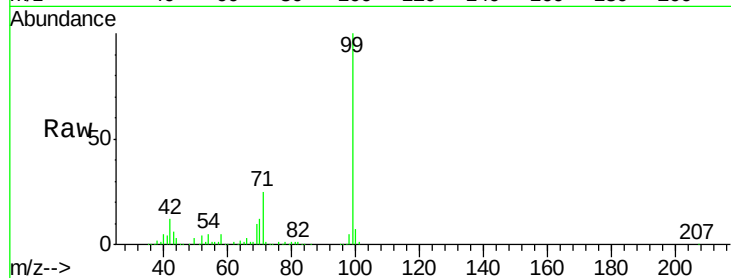
Tgt Ion: 99 Resp: 274791

Ion Ratio Lower Upper

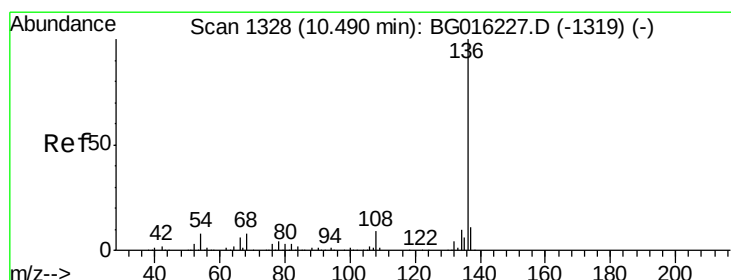
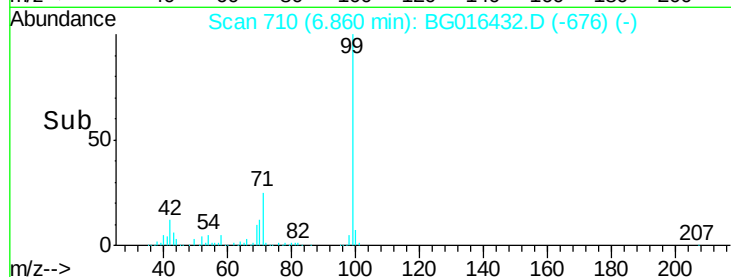
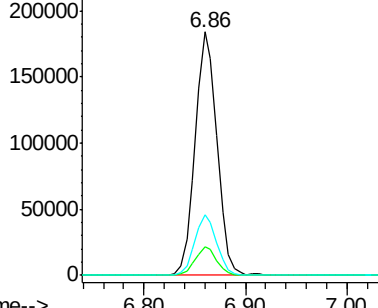
99 100

42 11.8 10.0 15.0

71 24.9 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: 10.46 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG016432.D

Acq: 15 Apr 2015 20:29

Tgt Ion: 136 Resp: 354095

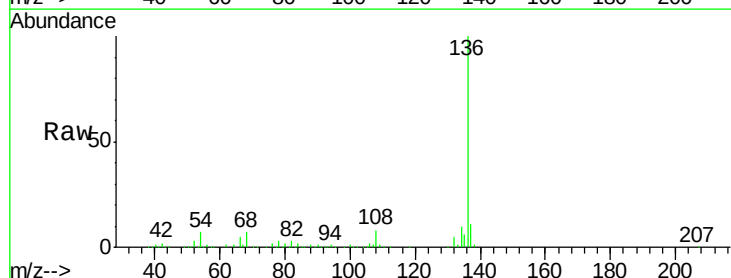
Ion Ratio Lower Upper

136 100

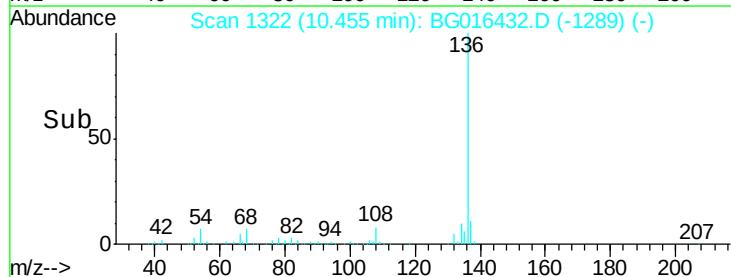
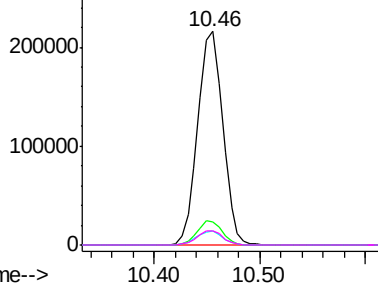
137 11.1 8.7 13.1

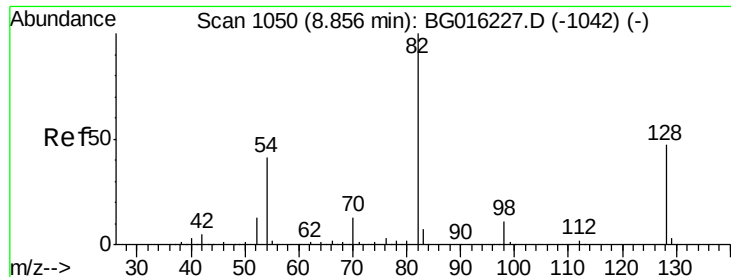
54 6.7 6.3 9.5

68 6.8 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

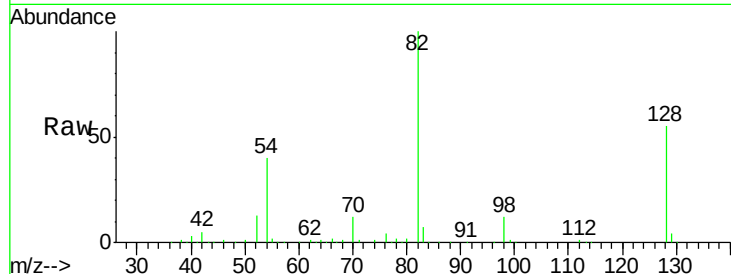




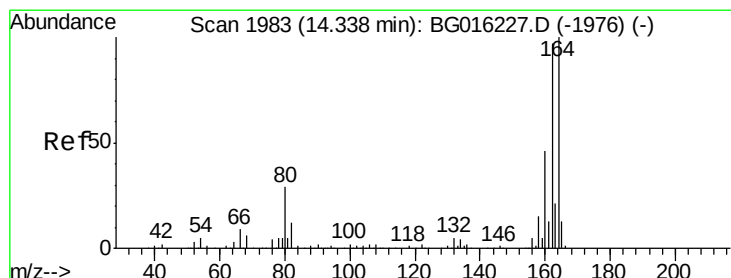
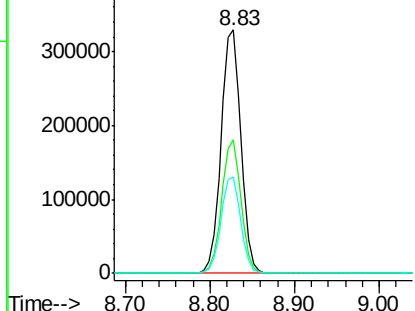
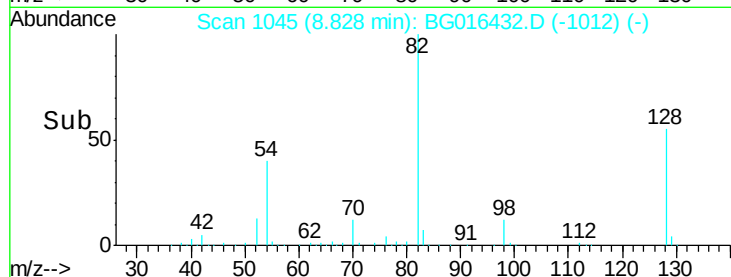
#23
 Nitrobenzene-d5
 Concen: 87.75 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG016432.D
 Acq: 15 Apr 2015 20:29

Instrument :
 BNA_G
 ClientSampled :
 FB

Tgt Ion: 82 Resp: 536382
 Ion Ratio Lower Upper
 82 100
 128 54.7 37.8 56.8
 54 39.6 32.6 49.0

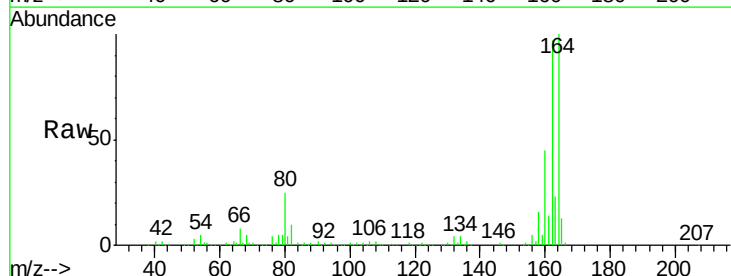


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

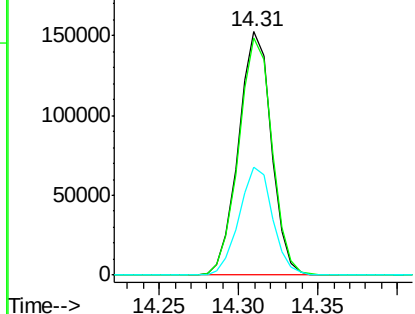
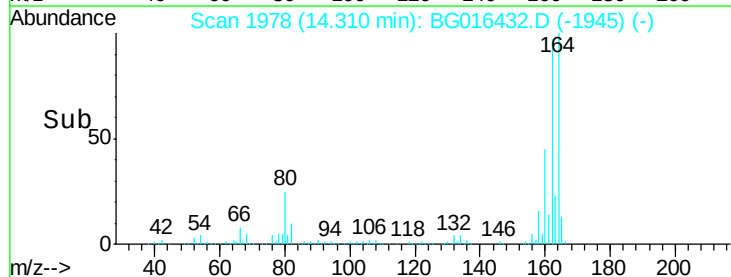


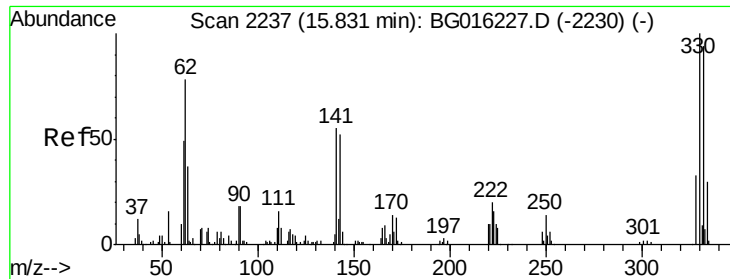
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG016432.D
 Acq: 15 Apr 2015 20:29

Tgt Ion: 164 Resp: 218491
 Ion Ratio Lower Upper
 164 100
 162 97.2 77.3 115.9
 160 44.5 36.7 55.1



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

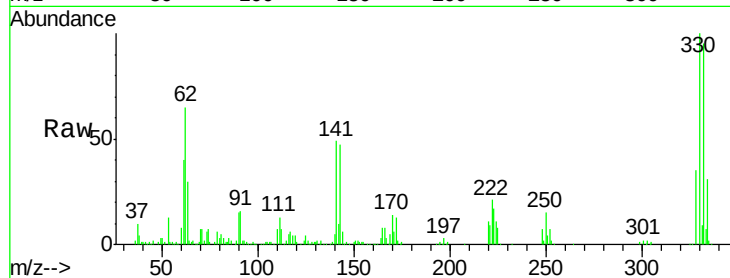




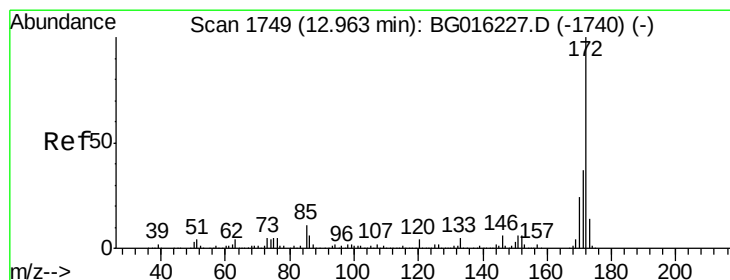
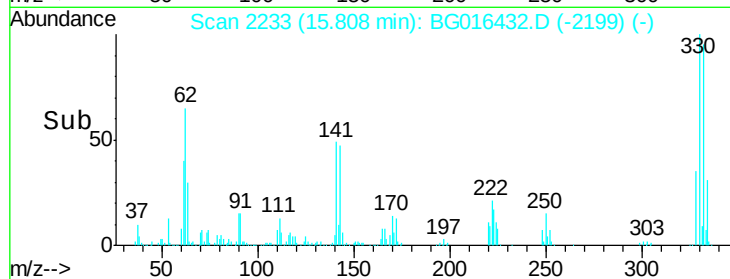
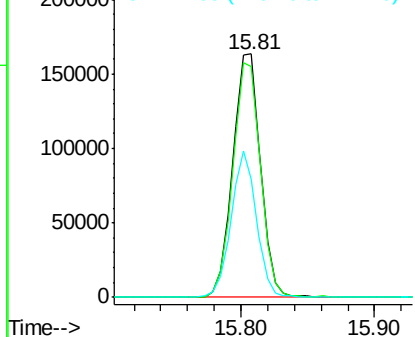
#41
 2,4,6-Tribromophenol
 Concen: 160.67 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.00 min
 Lab File: BG016432.D
 Acq: 15 Apr 2015 20:29

Instrument :
 BNA_G
 ClientSampleId :
 FB

Tgt Ion:330 Resp: 237414
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.8 113.6
 141 55.0 46.6 69.8

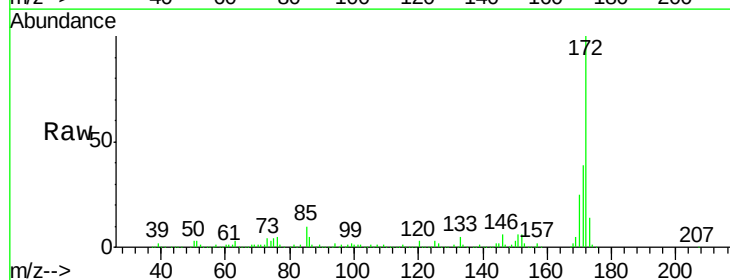


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

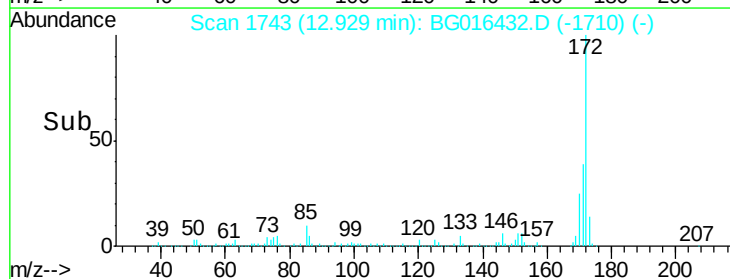
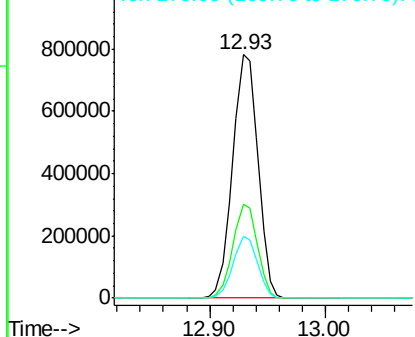


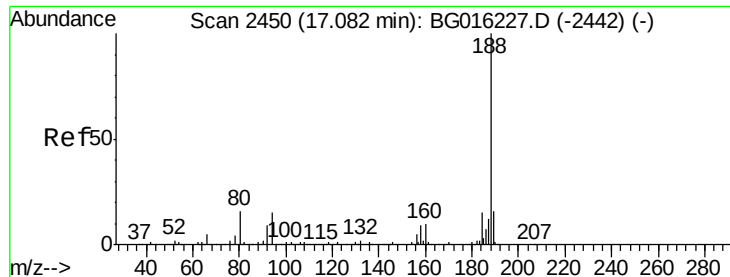
#44
 2-Fluorobiphenyl
 Concen: 92.58 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016432.D
 Acq: 15 Apr 2015 20:29

Tgt Ion:172 Resp: 1188041
 Ion Ratio Lower Upper
 172 100
 171 38.6 29.6 44.4
 170 25.2 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

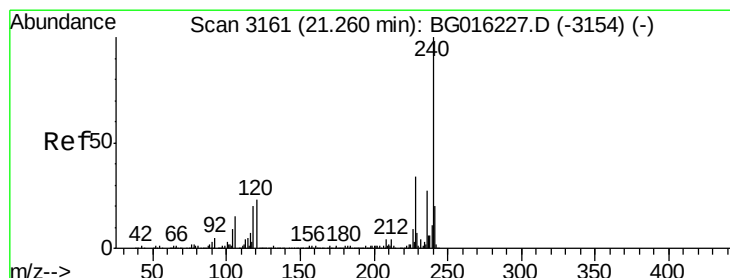
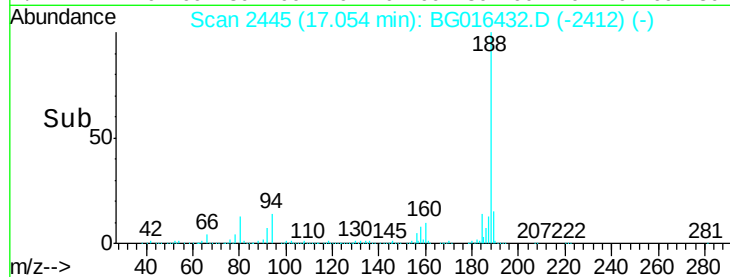
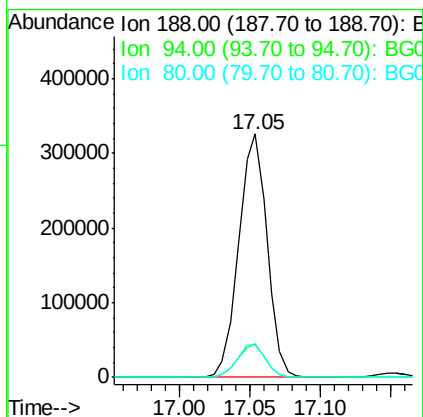
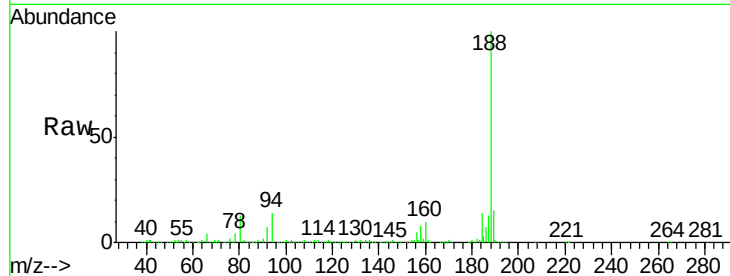




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG016432.D
Acq: 15 Apr 2015 20:29

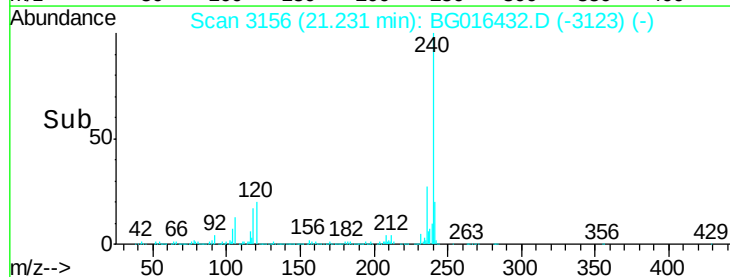
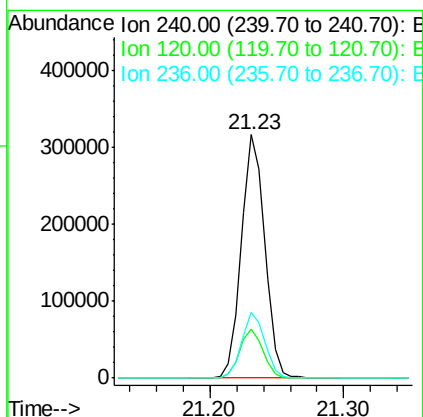
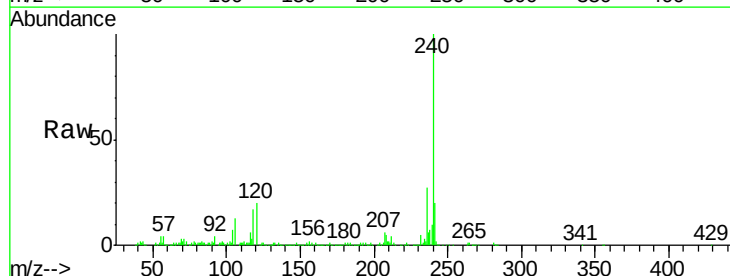
Instrument :
BNA_G
ClientSampleId :
FB

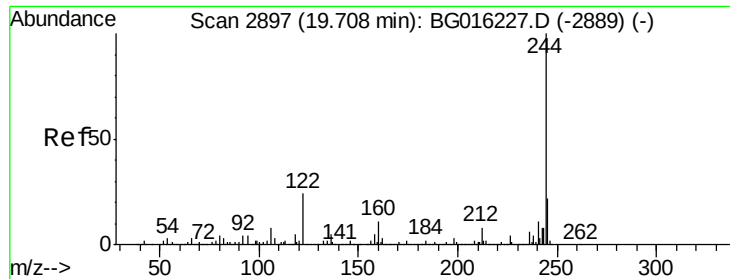
Tgt Ion:188 Resp: 457072
Ion Ratio Lower Upper
188 100
94 13.6 12.2 18.4
80 13.2 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG016432.D
Acq: 15 Apr 2015 20:29

Tgt Ion:240 Resp: 384320
Ion Ratio Lower Upper
240 100
120 20.2 18.6 28.0
236 27.2 21.7 32.5





#78

Terphenyl-d14

Concen: 84.67 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016432.D

Acq: 15 Apr 2015 20:29

Instrument :

BNA_G

ClientSampleId :

FB

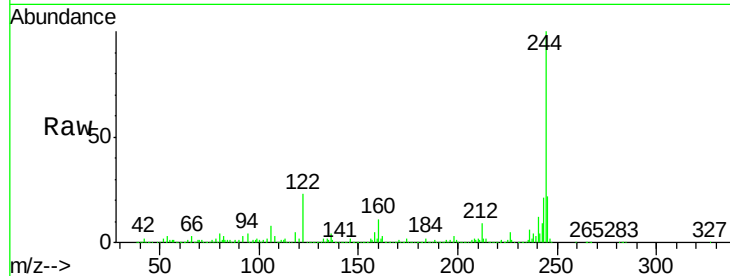
Tgt Ion:244 Resp: 1390435

Ion Ratio Lower Upper

244 100

212 8.9 6.6 9.8

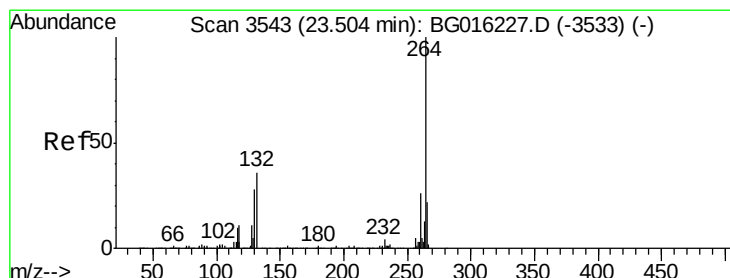
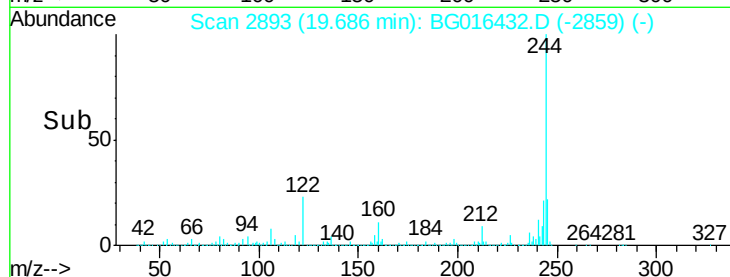
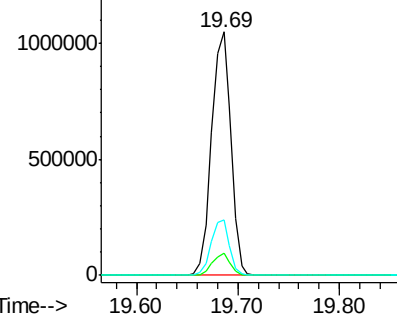
122 22.7 19.1 28.7



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# 3536

Delta R.T. -0.00 min

Lab File: BG016432.D

Acq: 15 Apr 2015 20:29

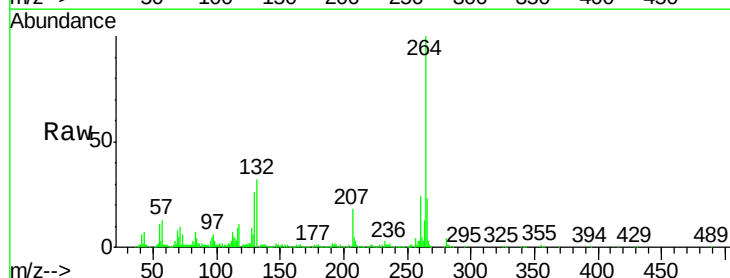
Tgt Ion:264 Resp: 363055

Ion Ratio Lower Upper

264 100

260 24.0 20.4 30.6

265 23.3 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

