

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016533.D
 Acq On : 18 Apr 2015 22:33
 Operator : TP/IZ
 Sample : G1868-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(10-15)

Quant Time: Apr 20 04:30:32 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 03:57:28 2015
 Response via : Initial Calibration

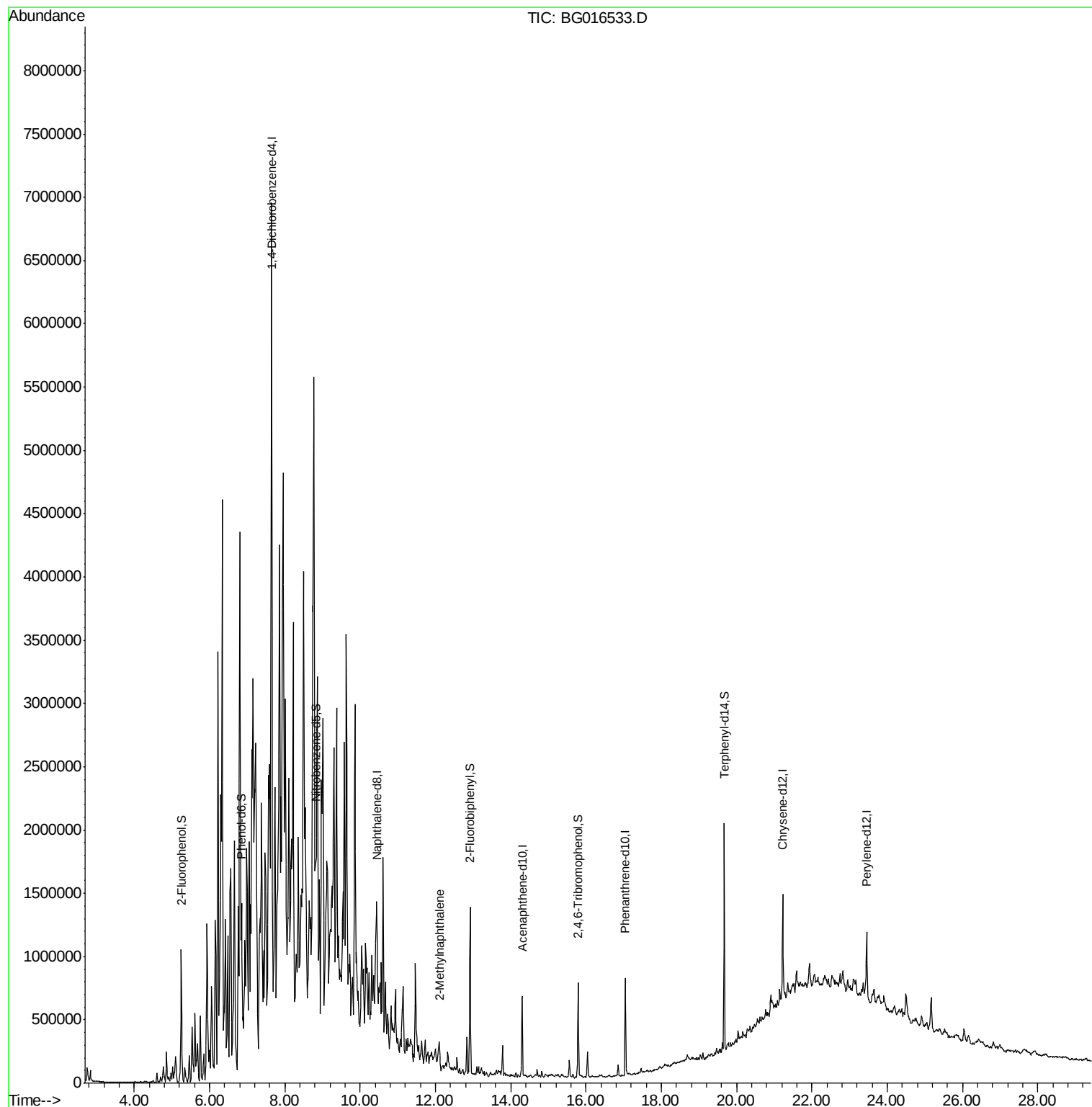
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	79995	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	363682	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	211227	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	396966	20.00	ng	0.00
75) Chrysene-d12	21.22	240	319076	20.00	ng	0.00
86) Perylene-d12	23.46	264	305903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	427698	84.38	ng	0.00
7) Phenol-d6	6.85	99	594864	78.18	ng	0.00
23) Nitrobenzene-d5	8.82	82	485340	77.31	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	107729	75.41	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	658146	53.05	ng	0.00
78) Terphenyl-d14	19.67	244	653164	47.91	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.11	142	62857	4.61	ng	Qvalue 99

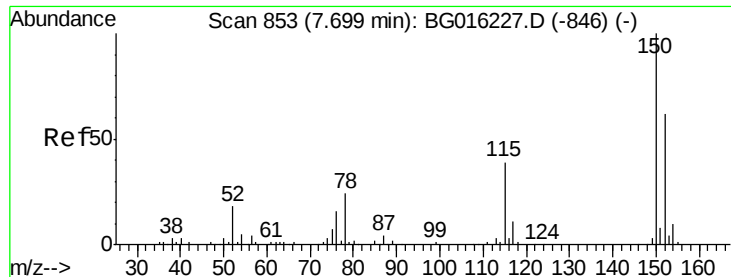
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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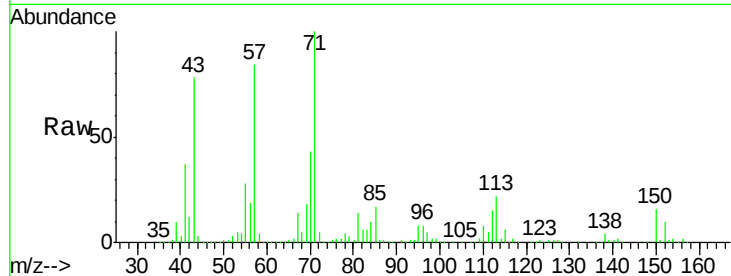


#1

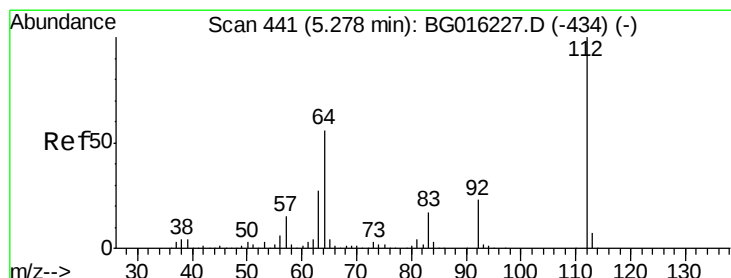
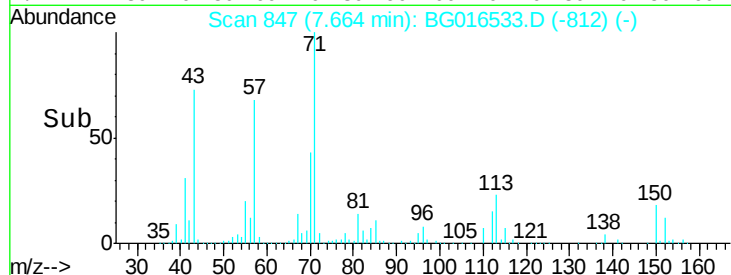
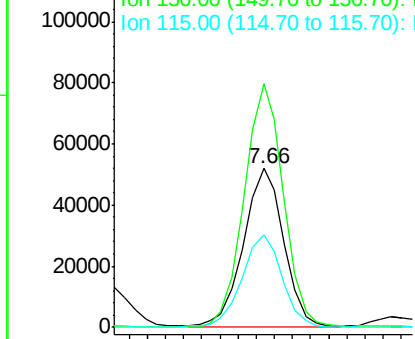
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 847
Delta R.T. 0.01 min
Lab File: BG016533.D
Acq: 18 Apr 2015 22:33

Instrument :
BNA_G
ClientSampleId :
P5-28(10-15)

Tgt Ion:152 Resp: 79995
Ion Ratio Lower Upper
152 100
150 153.2 130.1 195.1
115 58.6 50.5 75.7



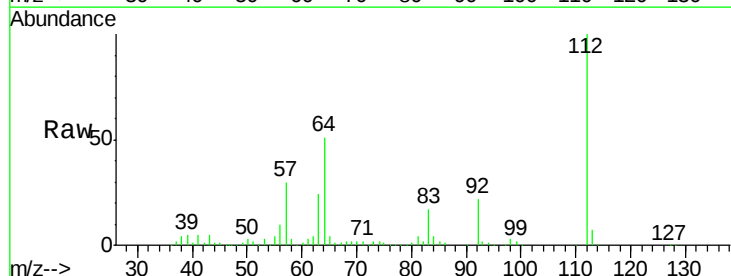
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



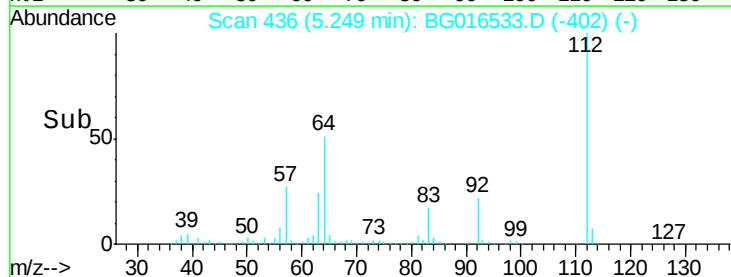
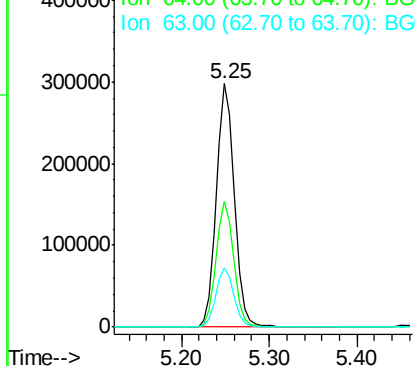
#5

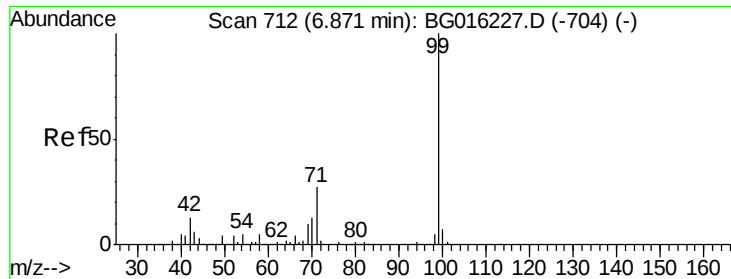
2-Fluorophenol
Concen: 84.38 ng
RT: 5.25 min Scan# 436
Delta R.T. -0.00 min
Lab File: BG016533.D
Acq: 18 Apr 2015 22:33

Tgt Ion:112 Resp: 427698
Ion Ratio Lower Upper
112 100
64 51.5 44.5 66.7
63 24.4 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 78.18 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG016533.D

Acq: 18 Apr 2015 22:33

Instrument :

BNA_G

ClientSampleId :

P5-28(10-15)

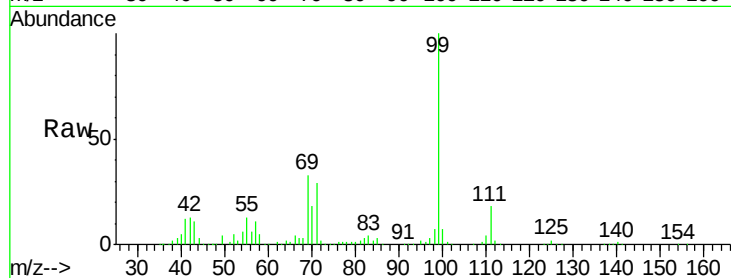
Tgt Ion: 99 Resp: 594864

Ion Ratio Lower Upper

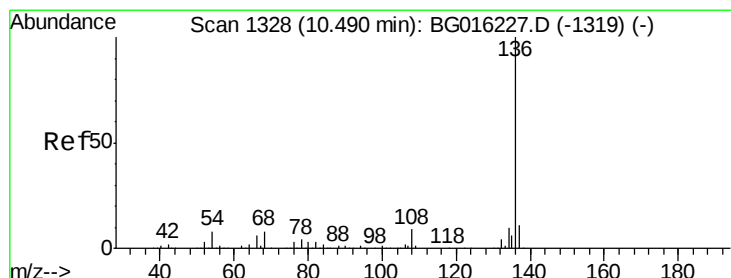
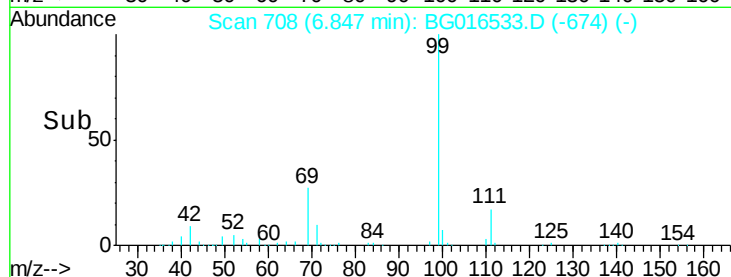
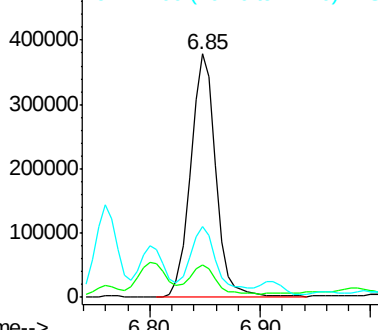
99 100

42 13.3 10.0 15.0

71 29.1 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: BG016533.D

Acq: 18 Apr 2015 22:33

Tgt Ion: 136 Resp: 363682

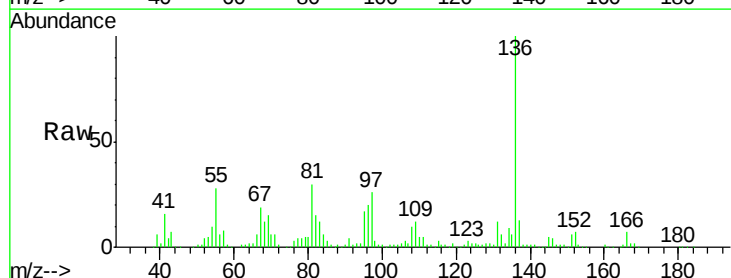
Ion Ratio Lower Upper

136 100

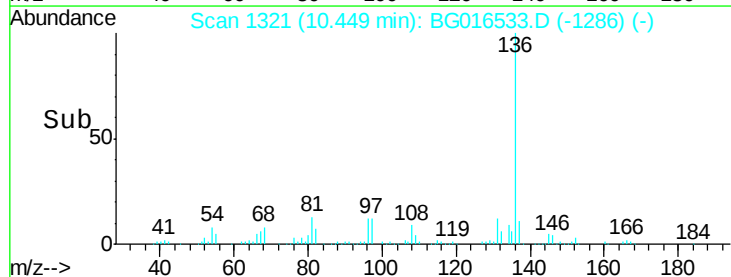
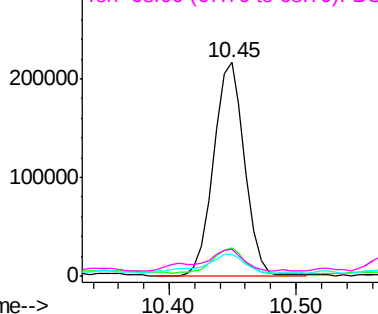
137 13.5 8.7 13.1#

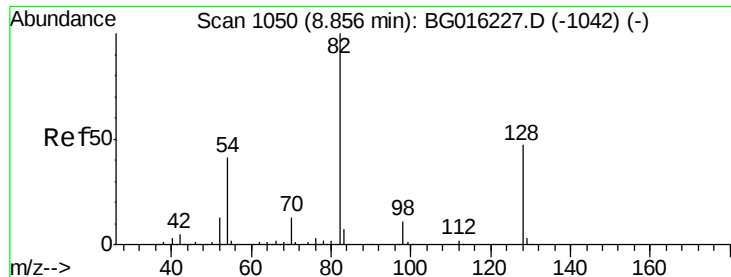
54 10.4 6.3 9.5#

68 12.5 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

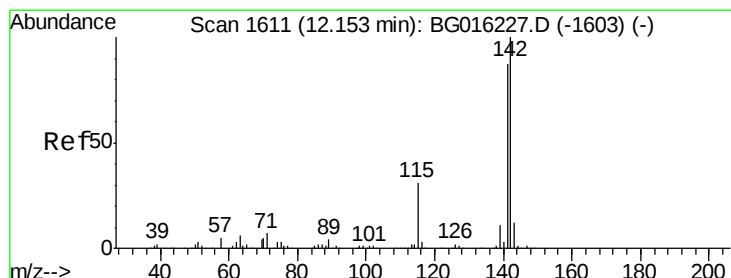
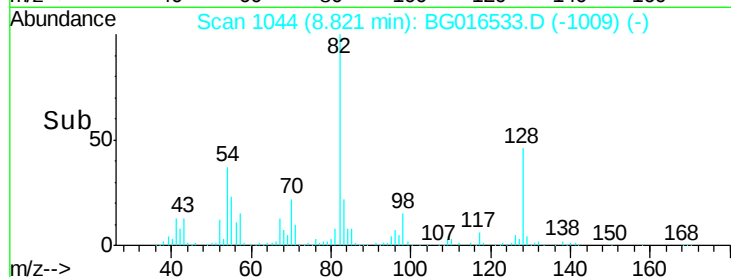
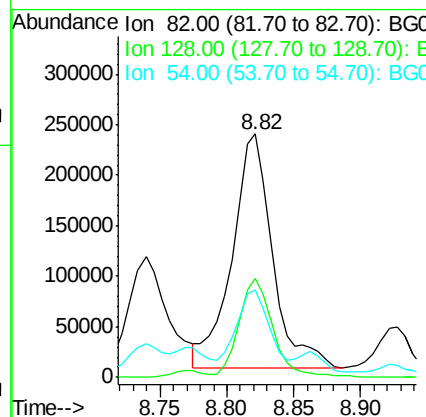
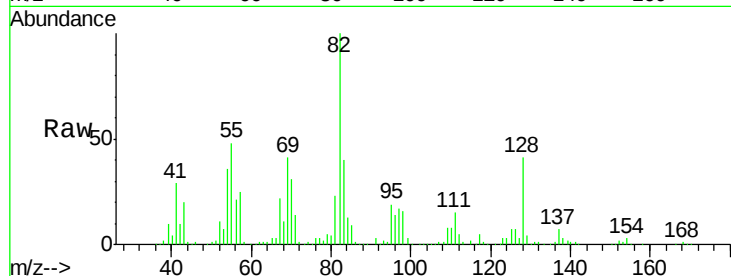




#23
 Nitrobenzene-d5
 Concen: 77.31 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BG016533.D
 Acq: 18 Apr 2015 22:33

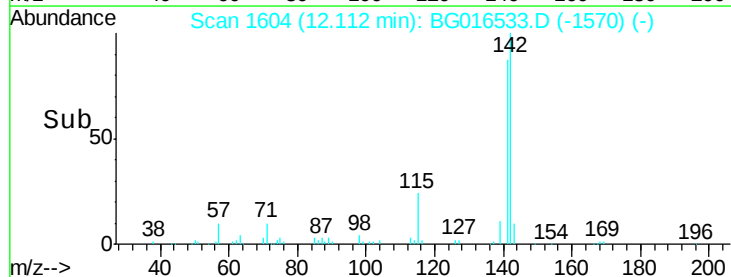
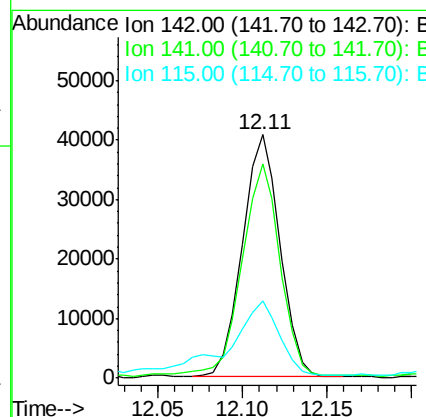
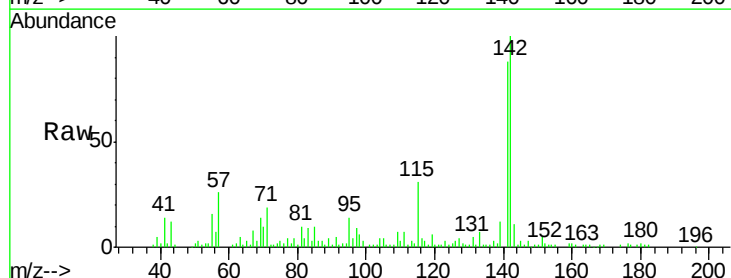
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(10-15)

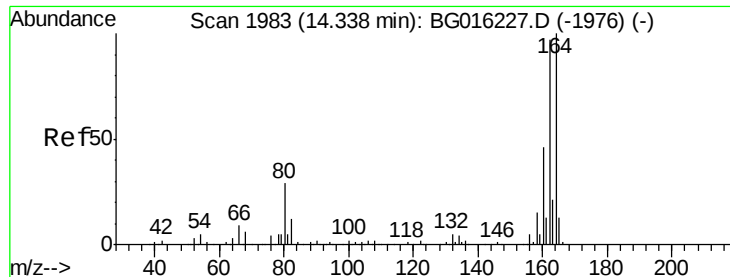
Tgt Ion: 82 Resp: 485340
 Ion Ratio Lower Upper
 82 100
 128 40.7 37.8 56.8
 54 35.9 32.6 49.0



#37
 2-Methylnaphthalene
 Concen: 4.61 ng
 RT: 12.11 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BG016533.D
 Acq: 18 Apr 2015 22:33

Tgt Ion: 142 Resp: 62857
 Ion Ratio Lower Upper
 142 100
 141 88.1 69.3 103.9
 115 31.5 25.0 37.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.30 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG016533.D

Acq: 18 Apr 2015 22:33

Instrument :

BNA_G

ClientSampleId :

P5-28(10-15)

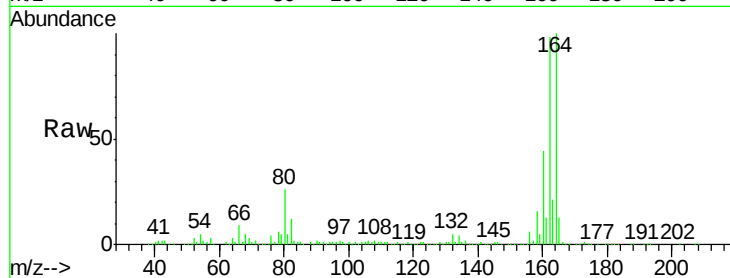
Tgt Ion:164 Resp: 211227

Ion Ratio Lower Upper

164 100

162 98.1 77.3 115.9

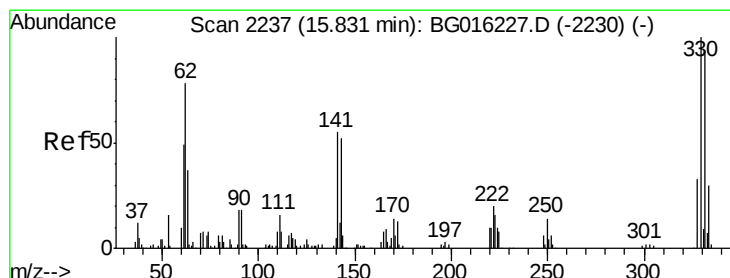
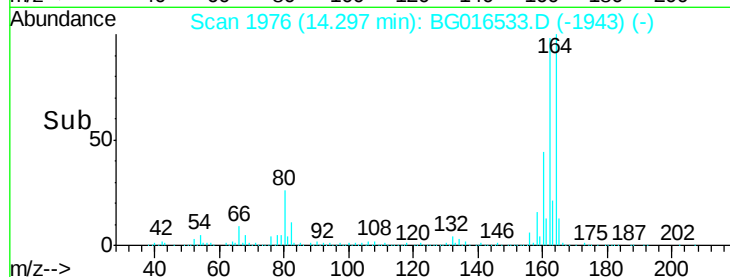
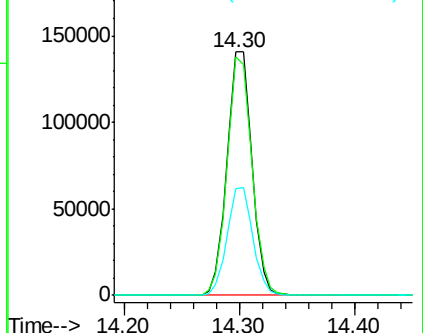
160 43.7 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 75.41 ng

RT: 15.80 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG016533.D

Acq: 18 Apr 2015 22:33

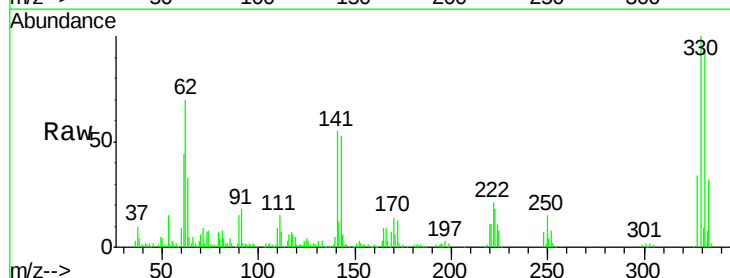
Tgt Ion:330 Resp: 107729

Ion Ratio Lower Upper

330 100

332 96.7 75.8 113.6

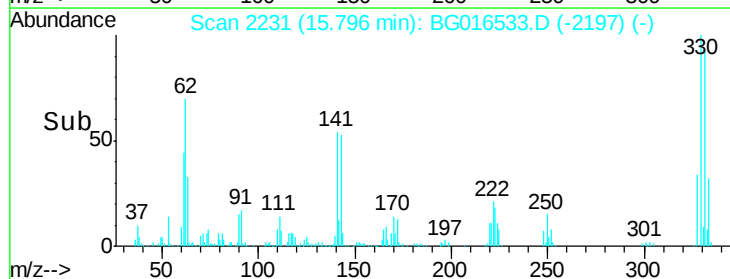
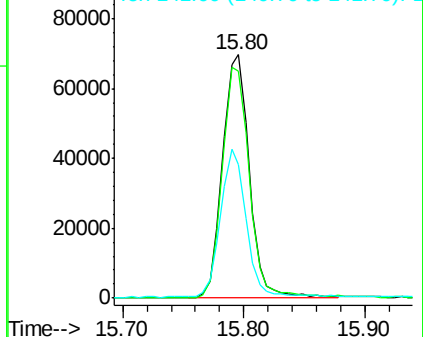
141 57.9 46.6 69.8

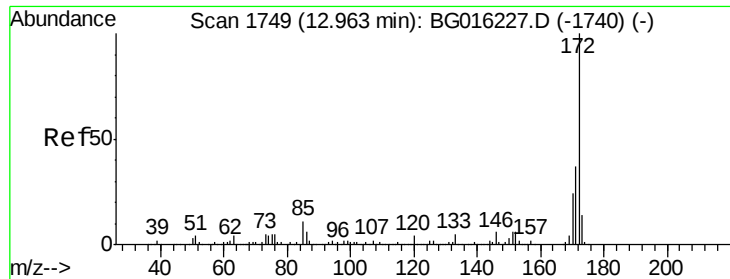


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

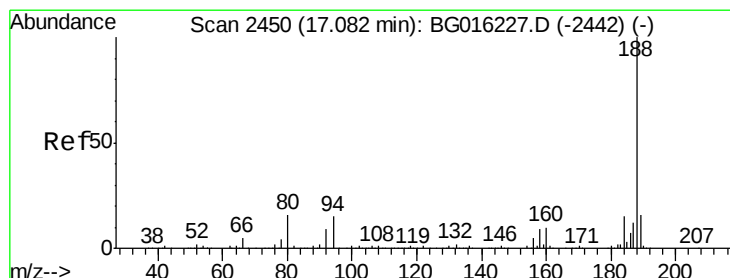
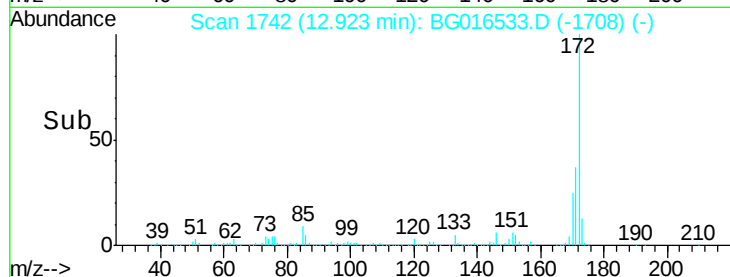
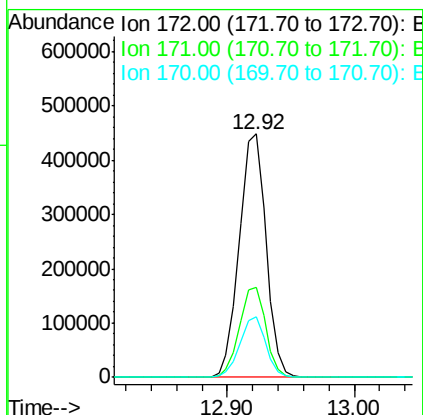
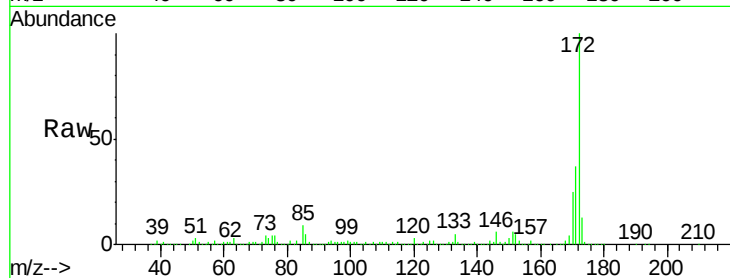




#44
 2-Fluorobiphenyl
 Concen: 53.05 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG016533.D
 Acq: 18 Apr 2015 22:33

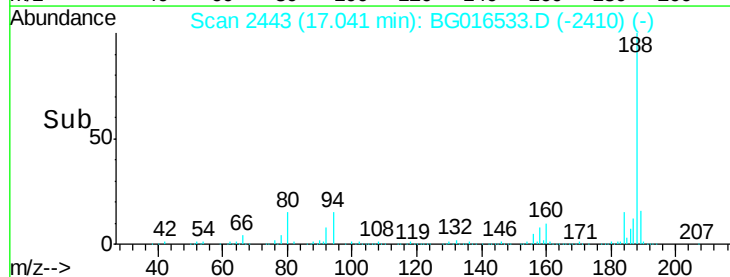
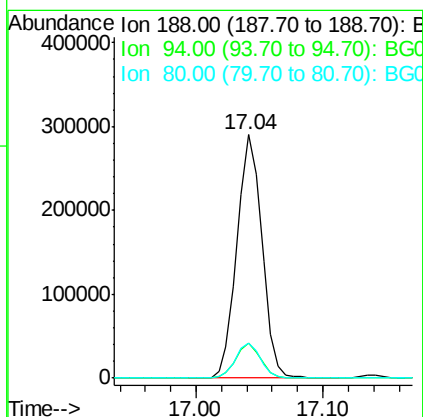
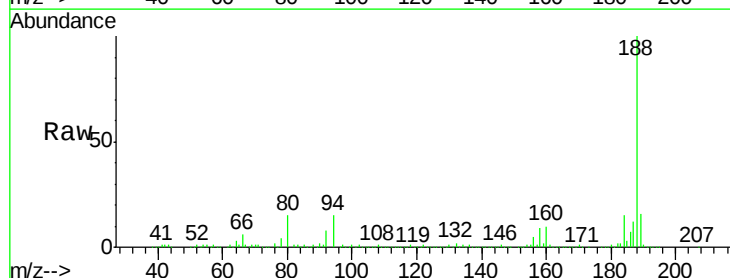
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(10-15)

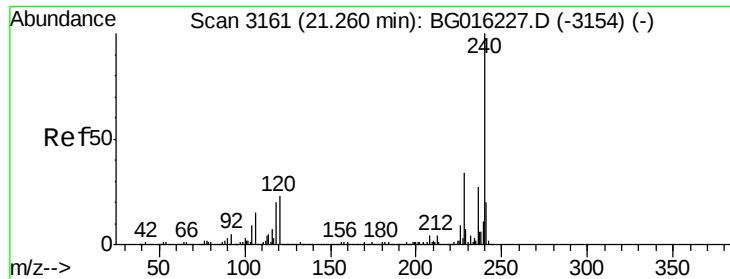
Tgt Ion:172 Resp: 658146
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 24.6 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.04 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG016533.D
 Acq: 18 Apr 2015 22:33

Tgt Ion:188 Resp: 396966
 Ion Ratio Lower Upper
 188 100
 94 14.6 12.2 18.4
 80 14.6 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: BG016533.D

Acq: 18 Apr 2015 22:33

Instrument :

BNA_G

ClientSampleId :

P5-28(10-15)

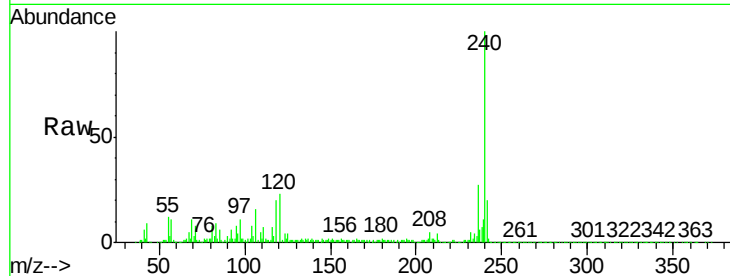
Tgt Ion:240 Resp: 319076

Ion Ratio Lower Upper

240 100

120 22.6 18.6 28.0

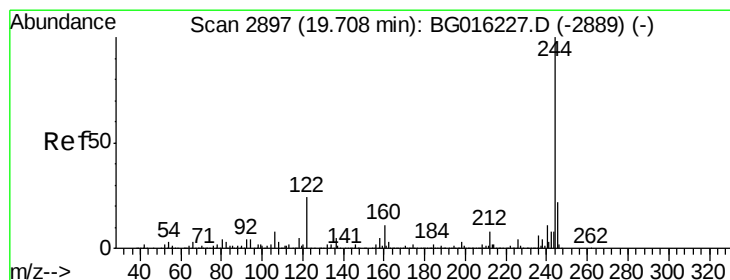
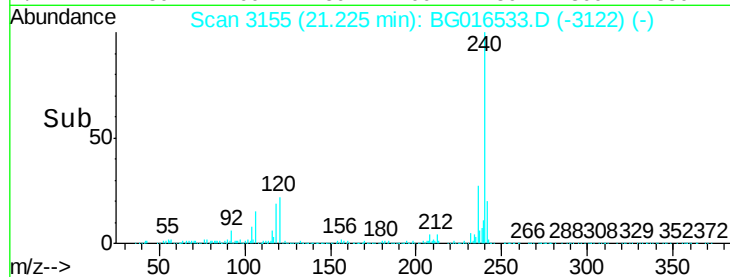
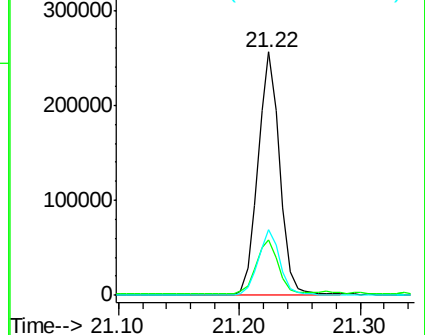
236 27.1 21.7 32.5



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: 47.91 ng

RT: 19.67 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG016533.D

Acq: 18 Apr 2015 22:33

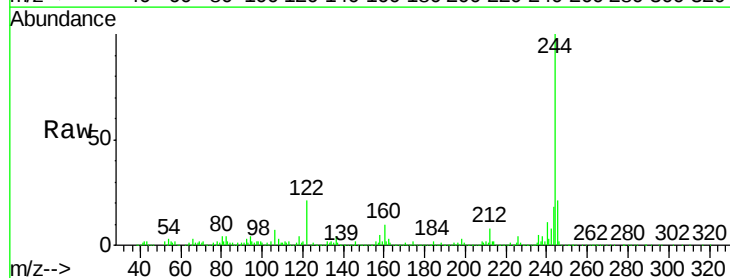
Tgt Ion:244 Resp: 653164

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

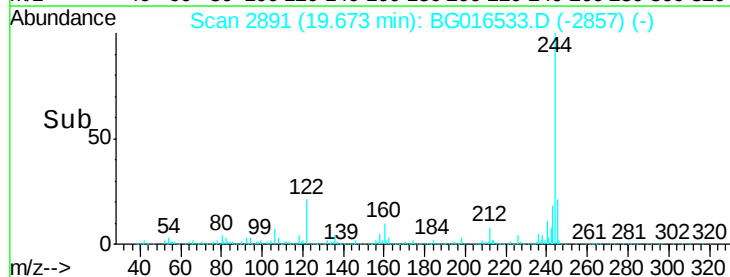
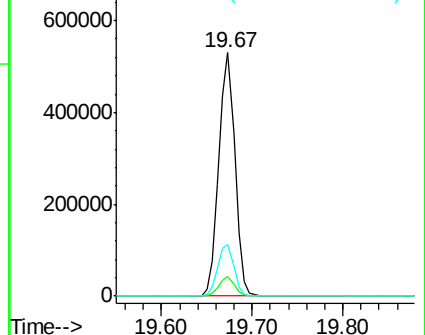
122 21.3 19.1 28.7

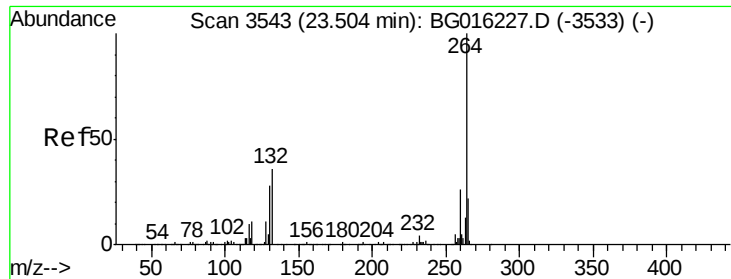


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.00 min

Lab File: BG016533.D

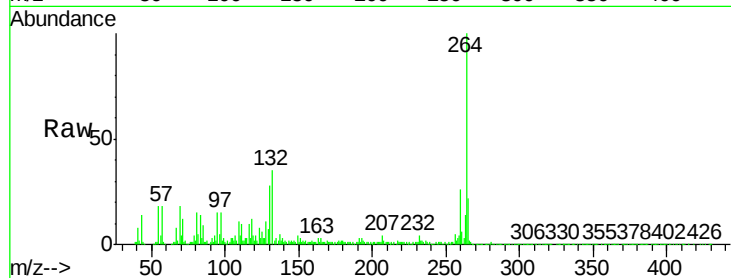
Acq: 18 Apr 2015 22:33

Instrument :

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P5-28(10-15)



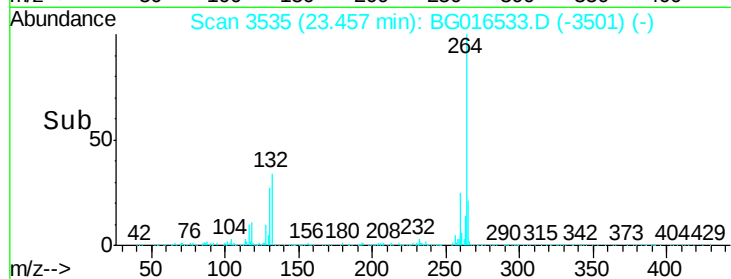
Tgt Ion:264 Resp: 305903

Ion Ratio Lower Upper

264 100

260 25.5 20.4 30.6

265 21.7 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

