

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016429.D
 Acq On : 15 Apr 2015 18:44
 Operator : TP/IZ
 Sample : PB82798BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82798BL

Quant Time: Apr 16 03:57:48 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	7.67	152	85013	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	396811	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	253620	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	487046	20.00	ng	0.00
75) Chrysene-d12	21.24	240	405150	20.00	ng	0.00
86) Perylene-d12	23.47	264	386501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	406615	75.49	ng	0.00
7) Phenol-d6	6.88	99	589073	72.85	ng	0.01
23) Nitrobenzene-d5	8.83	82	384297	56.10	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	136279	79.45	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	935410	62.80	ng	0.00
78) Terphenyl-d14	19.69	244	1014035	58.58	ng	0.00

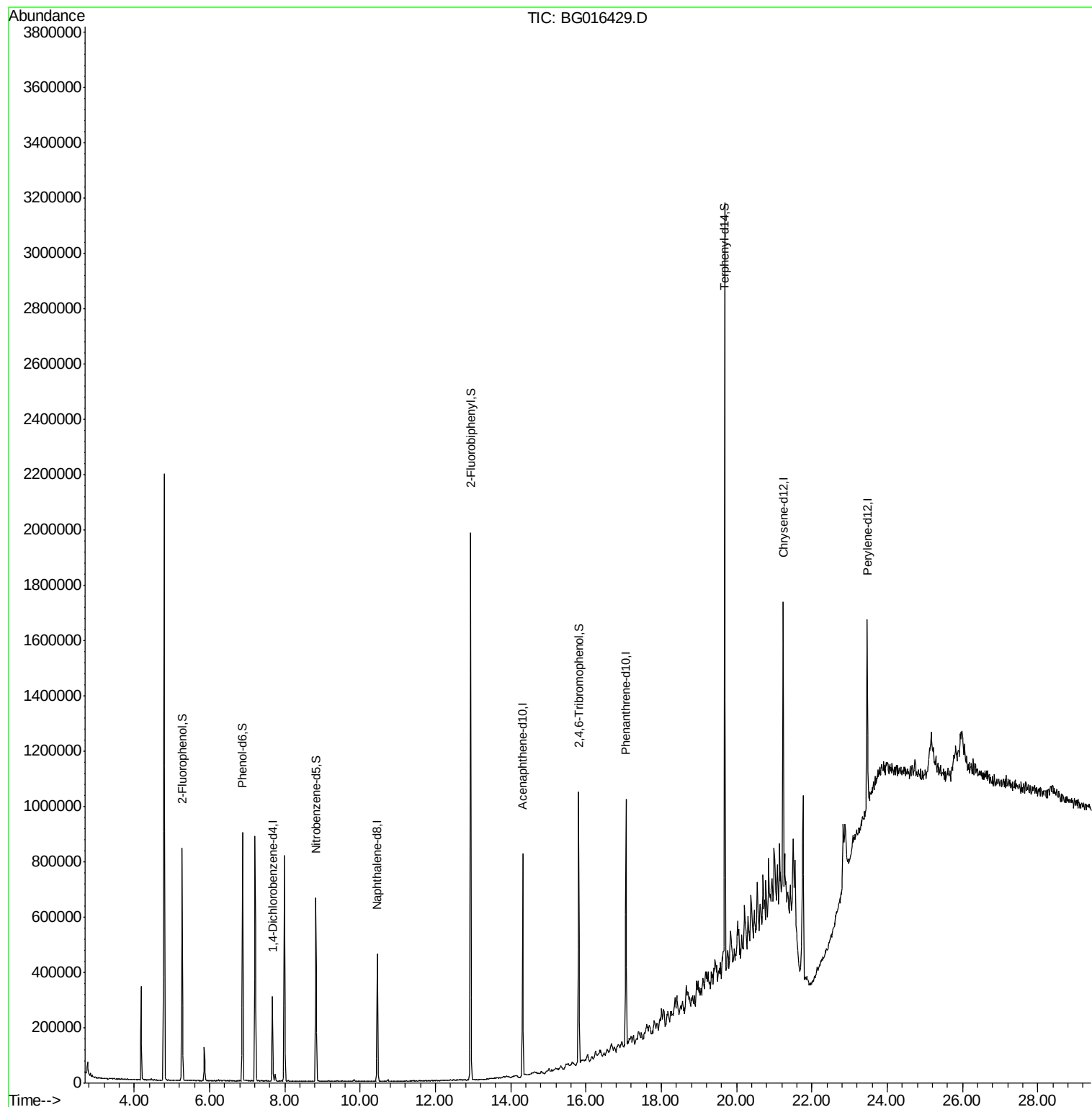
Target Compounds	Qvalue
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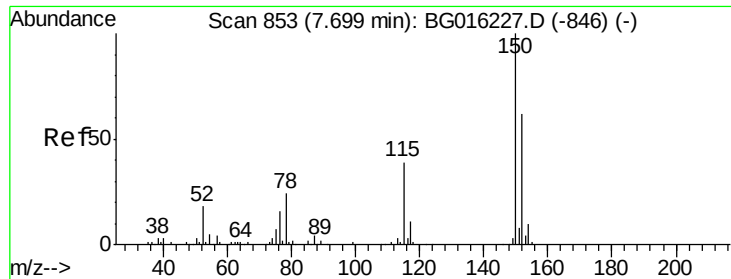
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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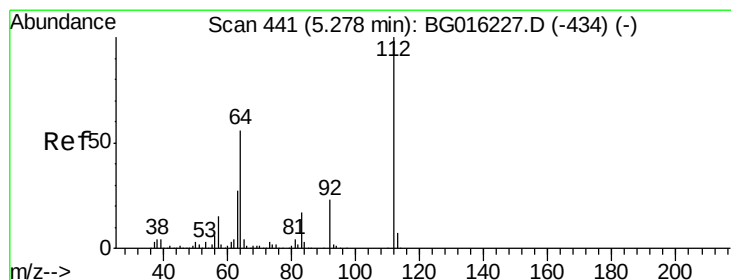
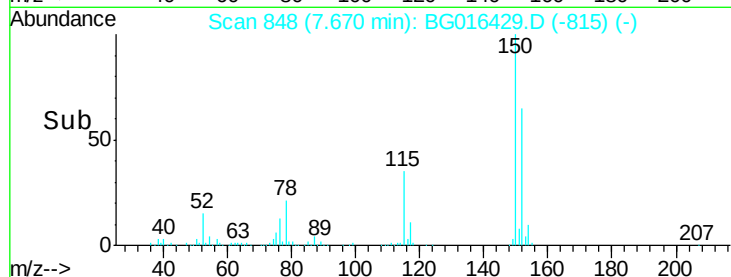
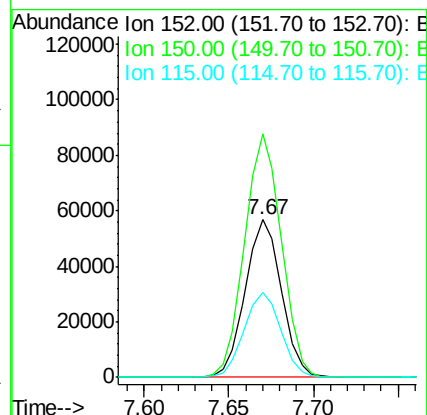
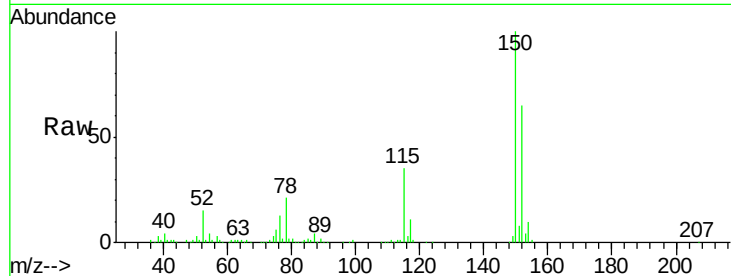


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.67 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG016429.D
Acq: 15 Apr 2015 18:44

Instrument :
BNA_G
ClientSampleId :
PB82798BL

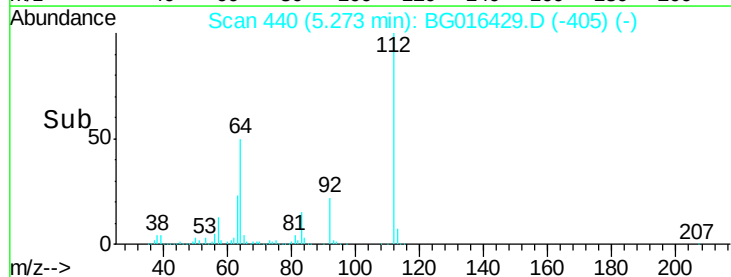
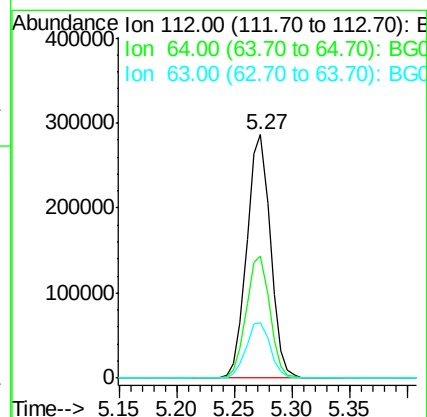
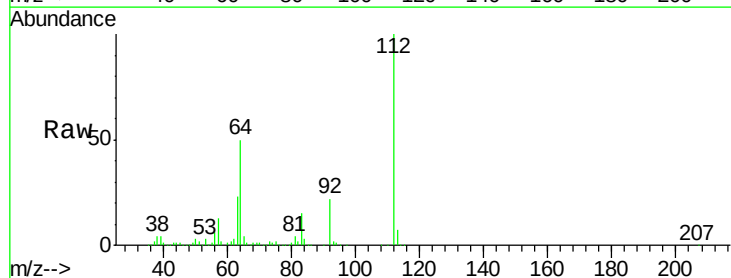
Tgt Ion:152 Resp: 85013
Ion Ratio Lower Upper
152 100
150 154.3 130.1 195.1
115 53.5 50.5 75.7

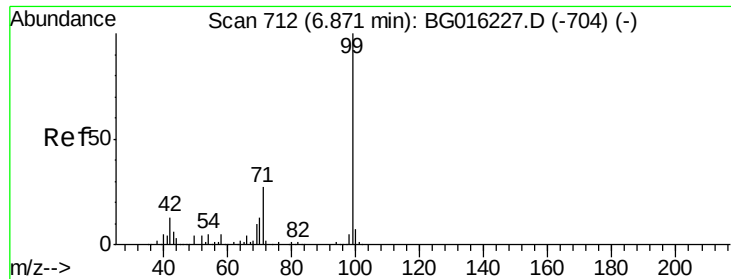


#5

2-Fluorophenol
Concen: 75.49 ng
RT: 5.27 min Scan# 440
Delta R.T. 0.01 min
Lab File: BG016429.D
Acq: 15 Apr 2015 18:44

Tgt Ion:112 Resp: 406615
Ion Ratio Lower Upper
112 100
64 50.0 44.5 66.7
63 22.9 21.4 32.0





#7

Phenol-d6

Concen: 72.85 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG016429.D

Acq: 15 Apr 2015 18:44

Instrument :

BNA_G

ClientSampleId :

PB82798BL

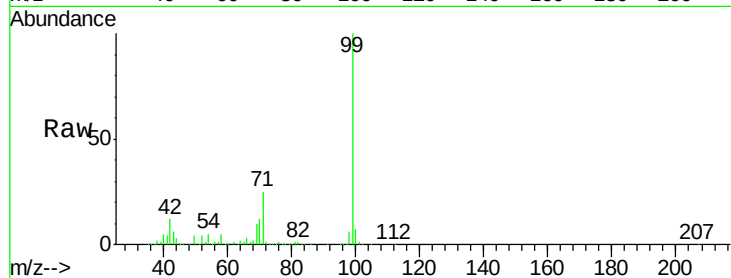
Tgt Ion: 99 Resp: 589073

Ion Ratio Lower Upper

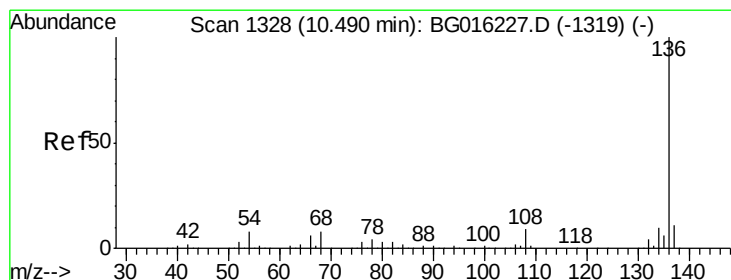
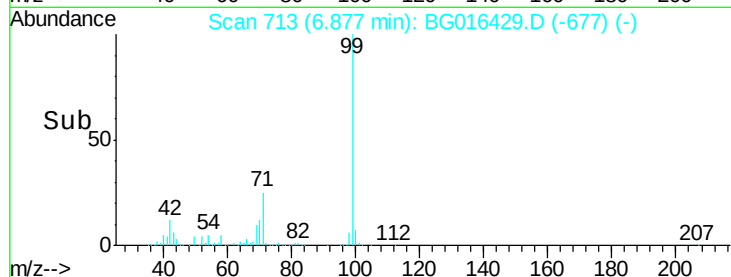
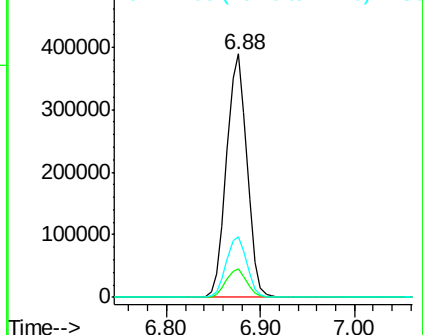
99 100

42 11.8 10.0 15.0

71 25.1 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: 10.46 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG016429.D

Acq: 15 Apr 2015 18:44

Tgt Ion: 136 Resp: 396811

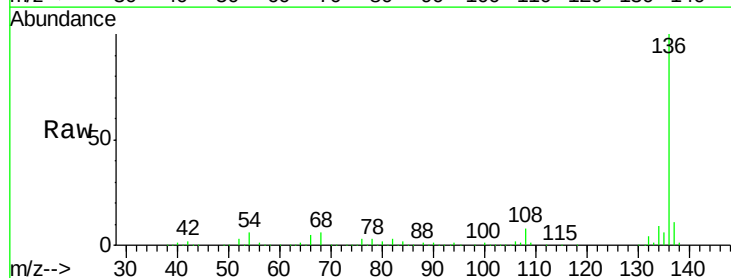
Ion Ratio Lower Upper

136 100

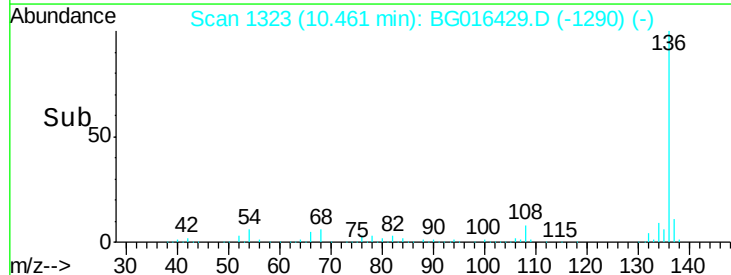
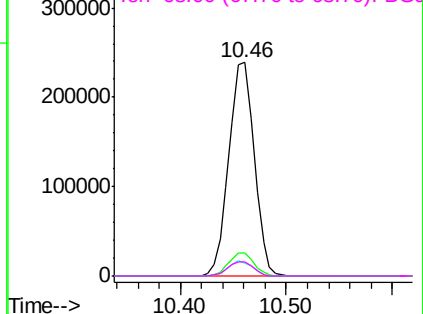
137 10.6 8.7 13.1

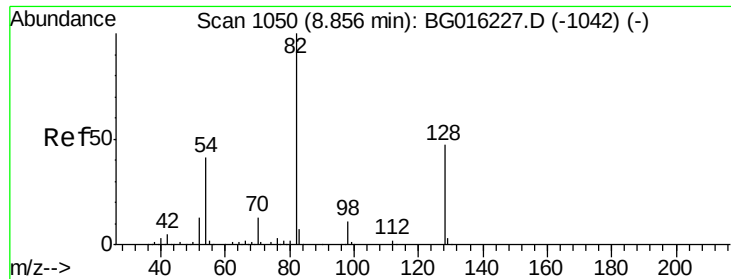
54 6.3 6.3 9.5#

68 6.5 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

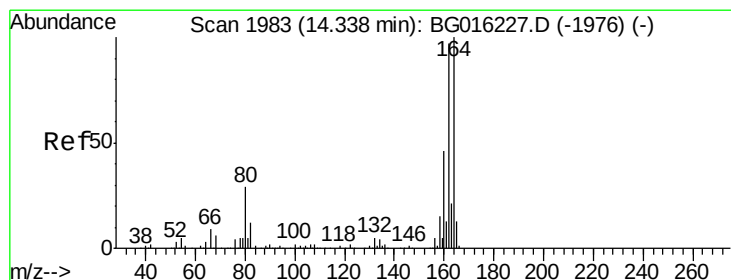
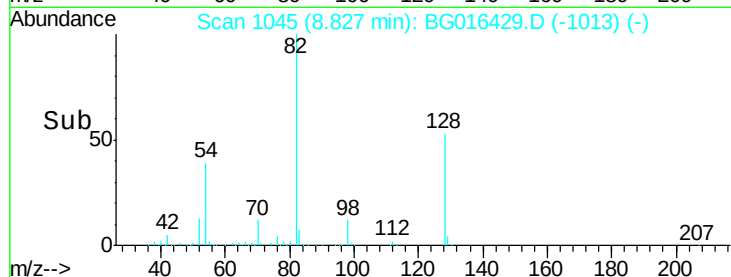
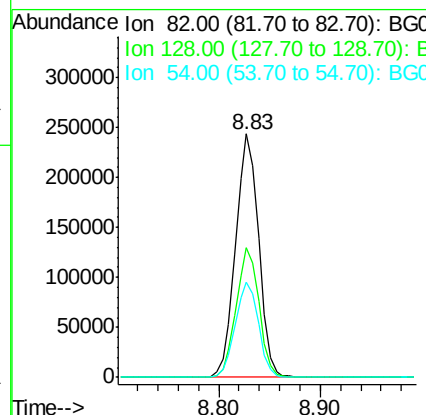
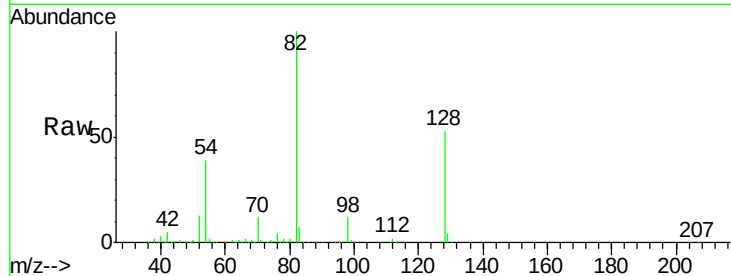




#23
 Nitrobenzene-d5
 Concen: 56.10 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG016429.D
 Acq: 15 Apr 2015 18:44

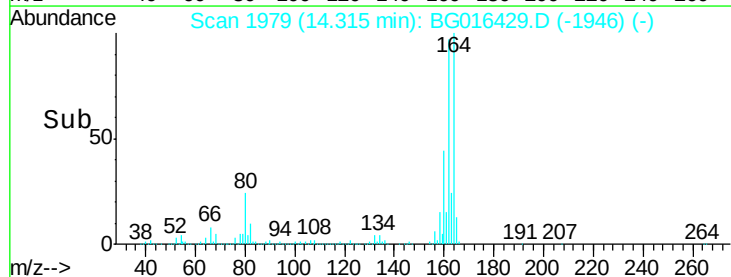
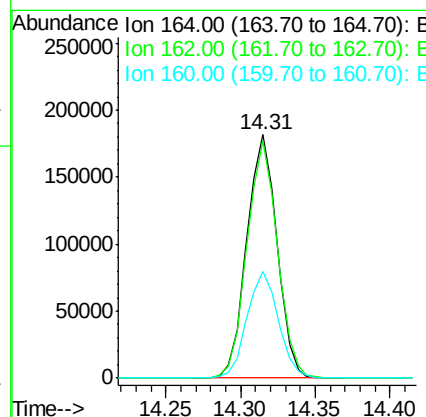
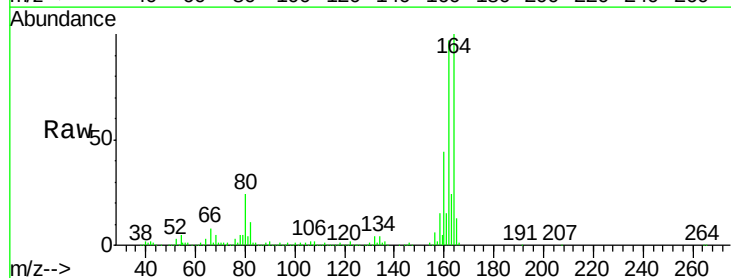
Instrument :
 BNA_G
 ClientSampleId :
 PB82798BL

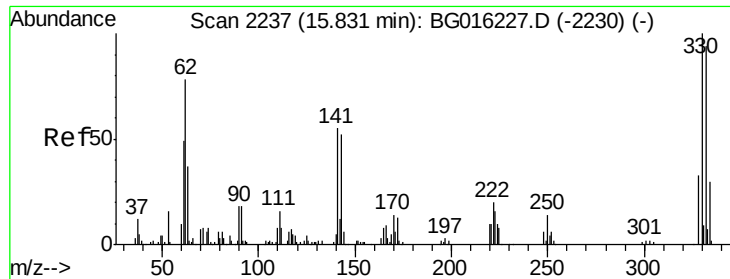
Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.2	37.8	56.8
54	39.2	32.6	49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG016429.D
 Acq: 15 Apr 2015 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	77.3	115.9
160	43.9	36.7	55.1

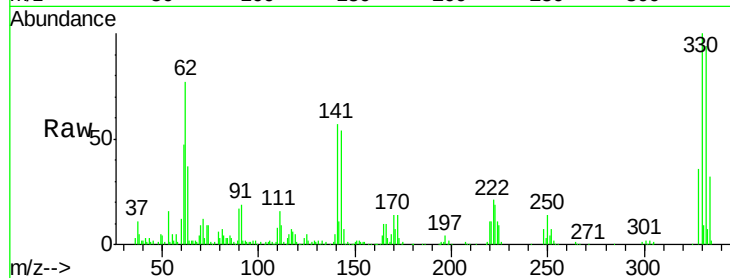




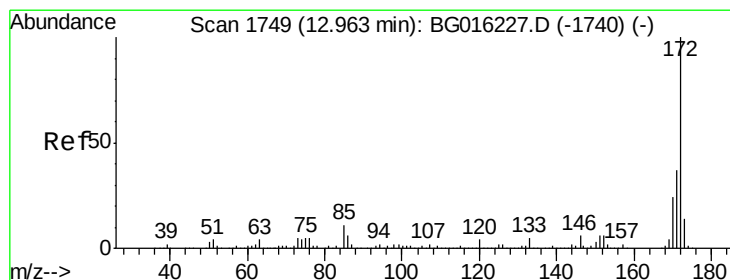
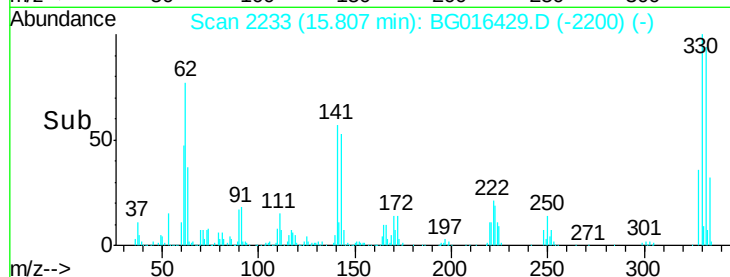
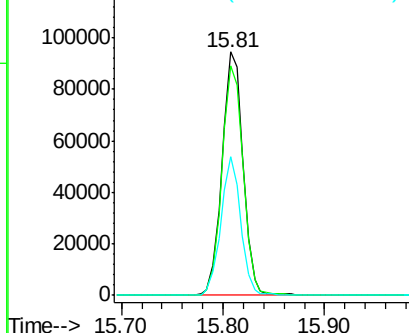
#41
 2,4,6-Tribromophenol
 Concen: 79.45 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.00 min
 Lab File: BG016429.D
 Acq: 15 Apr 2015 18:44

Instrument :
 BNA_G
 ClientSampleId :
 PB82798BL

Tgt Ion:330 Resp: 136279
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.8 113.6
 141 53.8 46.6 69.8

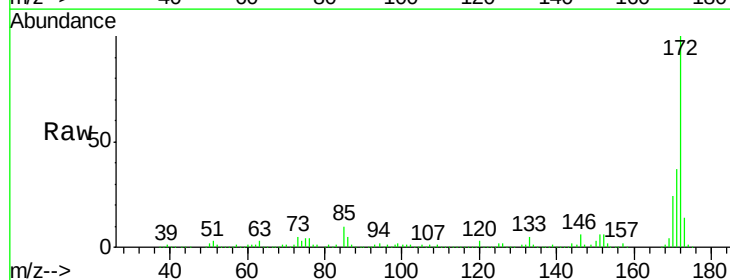


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

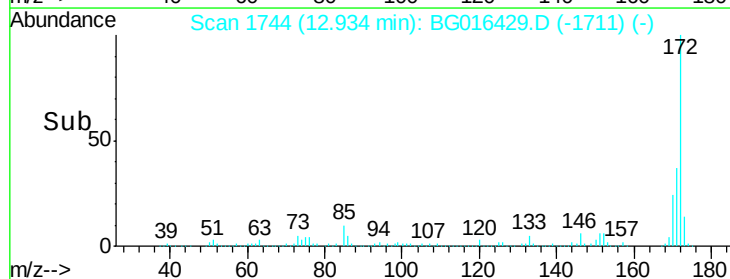
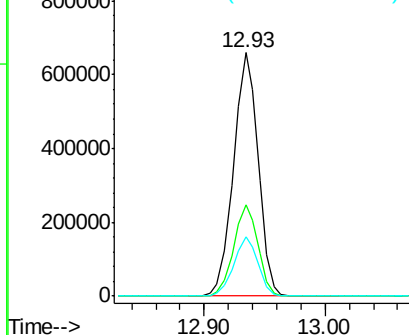


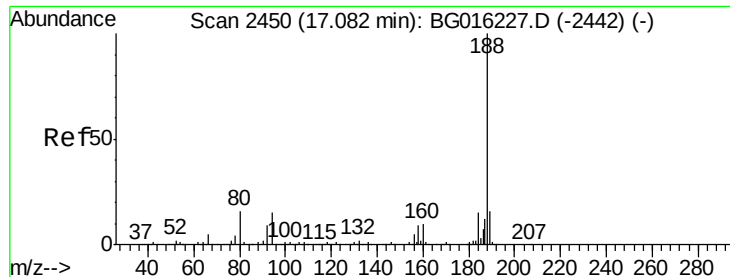
#44
 2-Fluorobiphenyl
 Concen: 62.80 ng
 RT: 12.93 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016429.D
 Acq: 15 Apr 2015 18:44

Tgt Ion:172 Resp: 935410
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 24.3 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

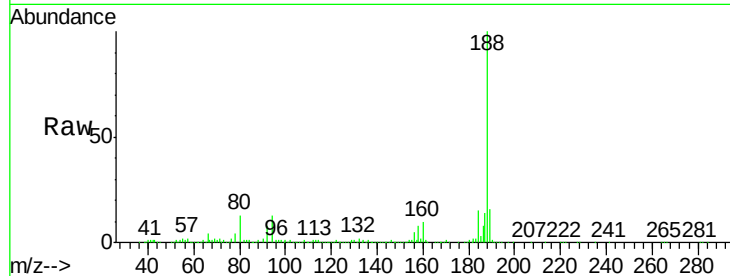




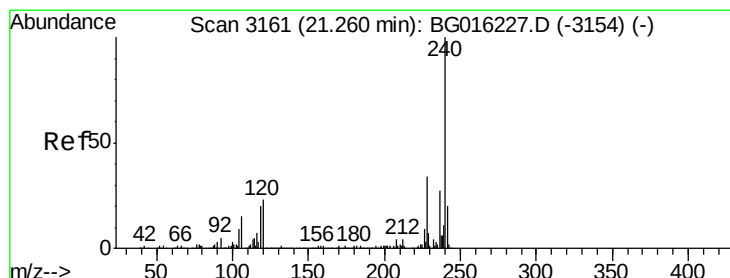
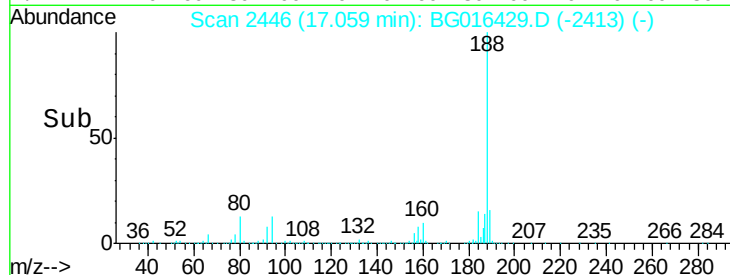
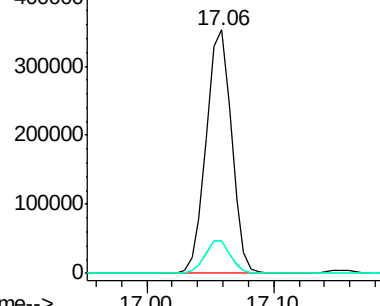
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG016429.D
Acq: 15 Apr 2015 18:44

Instrument :
BNA_G
ClientSampleId :
PB82798BL

Tgt Ion:188 Resp: 487046
Ion Ratio Lower Upper
188 100
94 13.1 12.2 18.4
80 13.3 12.8 19.2

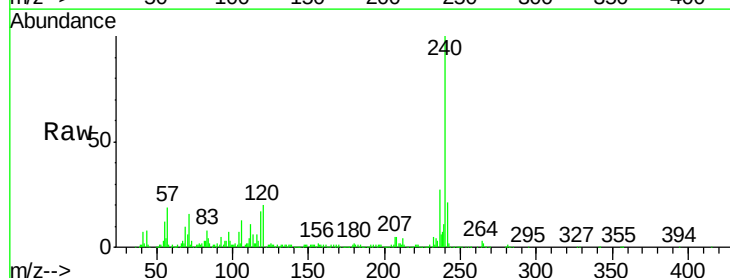


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

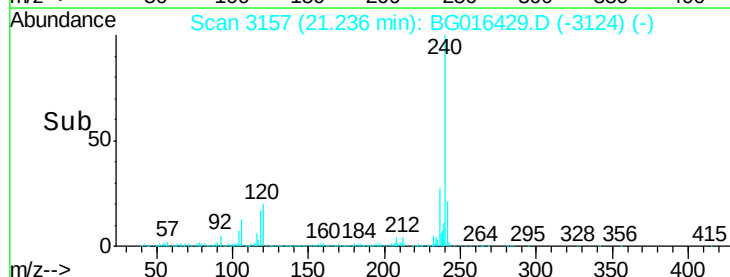
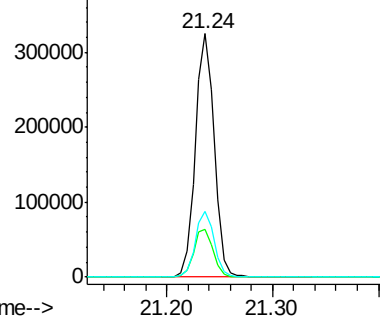


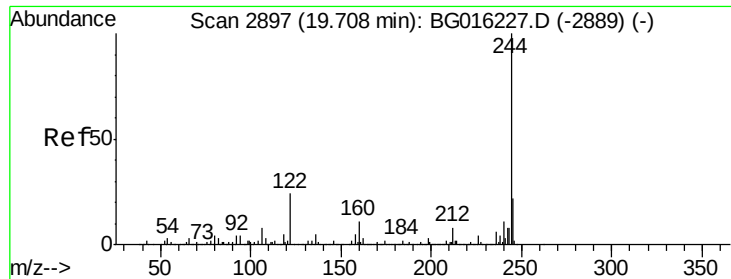
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.24 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG016429.D
Acq: 15 Apr 2015 18:44

Tgt Ion:240 Resp: 405150
Ion Ratio Lower Upper
240 100
120 19.9 18.6 28.0
236 27.2 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: 58.58 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016429.D

Acq: 15 Apr 2015 18:44

Instrument :

BNA_G

ClientSampleId :

PB82798BL

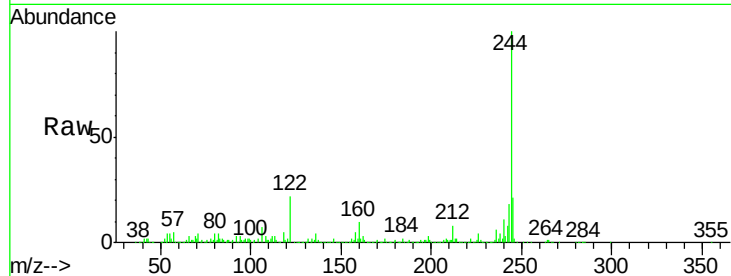
Tgt Ion:244 Resp: 1014035

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

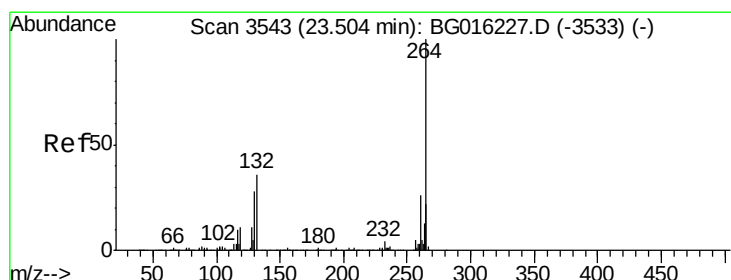
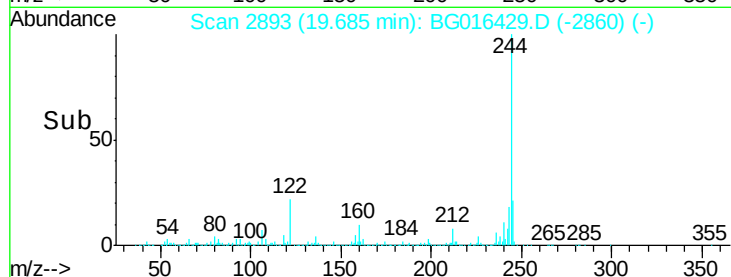
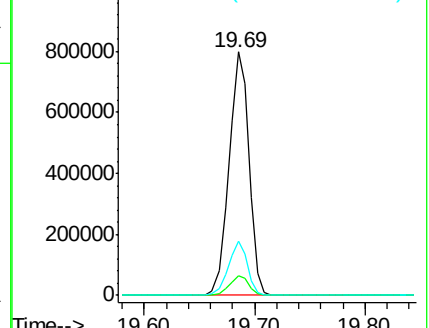
122 22.3 19.1 28.7



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: 23.47 min Scan# 3537

Delta R.T. 0.00 min

Lab File: BG016429.D

Acq: 15 Apr 2015 18:44

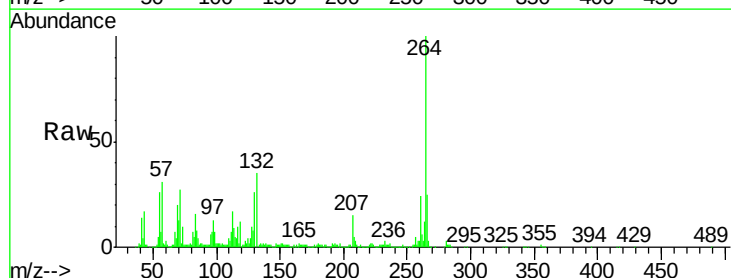
Tgt Ion:264 Resp: 386501

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

265 24.7 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

