

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
 Data File : BG016806.D
 Acq On : 29 Apr 2015 19:30
 Operator : TP/IZ
 Sample : G2003-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-1(50-55)

Quant Time: Apr 30 02:17:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 02:01:08 2015
 Response via : Initial Calibration

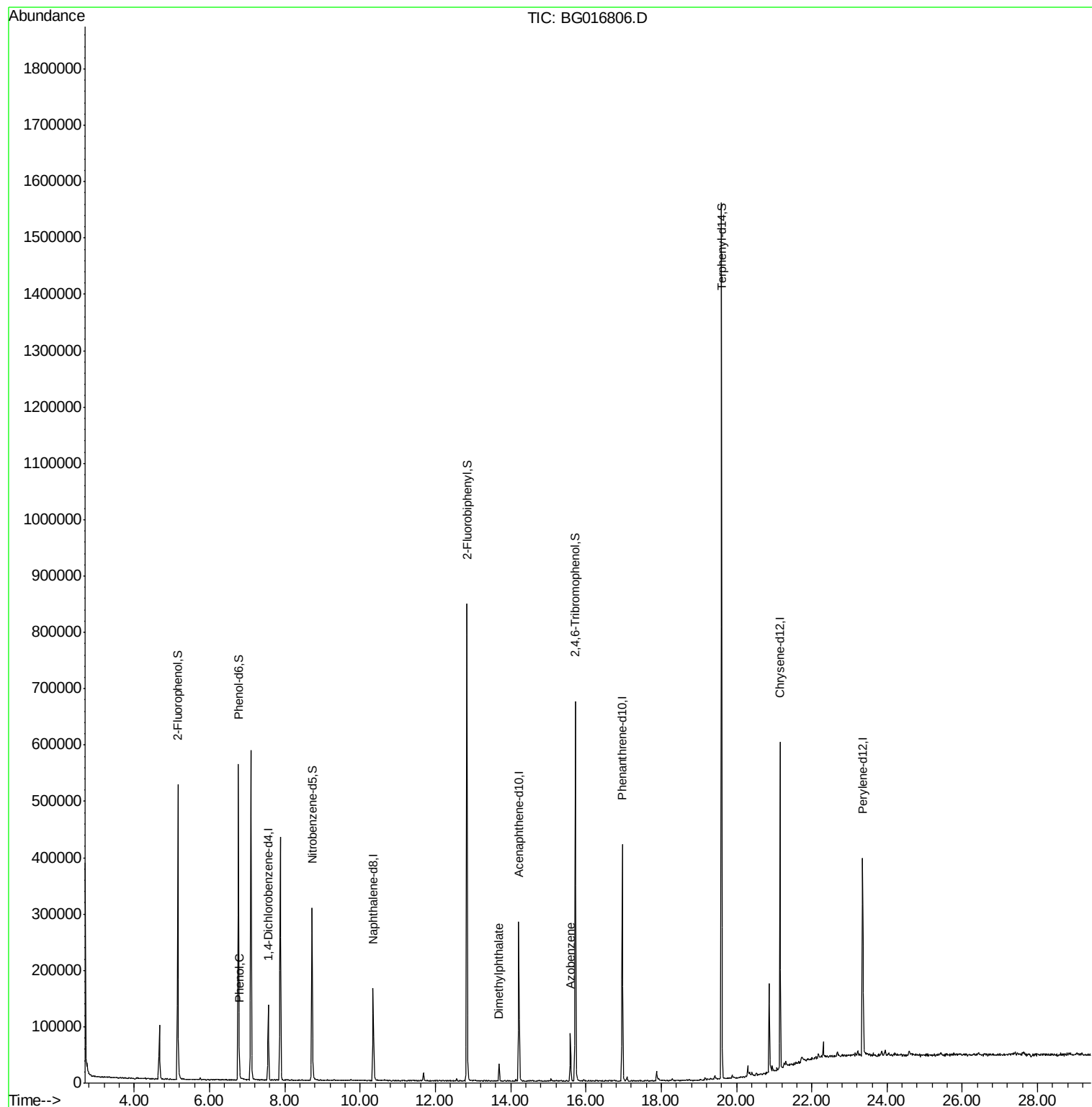
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	37823	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	161284	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	100150	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	231065	20.00	ng	0.00
75) Chrysene-d12	21.16	240	223800	20.00	ng	0.00
86) Perylene-d12	23.35	264	206567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	276188	134.51	ng	0.00
7) Phenol-d6	6.77	99	378378	131.29	ng	0.00
23) Nitrobenzene-d5	8.72	82	181471	73.30	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	100237	134.39	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	443368	68.54	ng	0.00
78) Terphenyl-d14	19.61	244	594766	64.10	ng	0.00
Target Compounds						
10) Phenol	6.80	94	10757	3.64	ng	98
49) Dimethylphthalate	13.69	163	25345	3.53	ng	# 96
62) Azobenzene	15.59	77	23143	3.77	ng	# 1

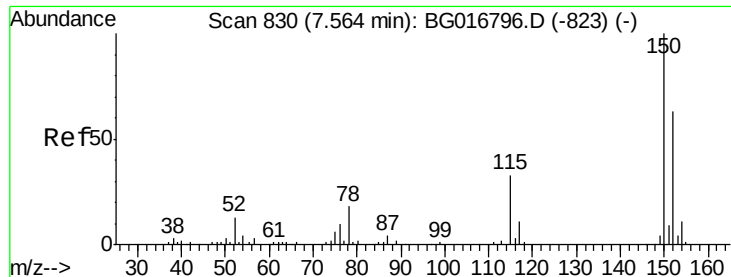
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 30 02:01:08 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG016806.D

Acq: 29 Apr 2015 19:30

Instrument :

BNA_G

ClientSampleId :

PZ-1(50-55)

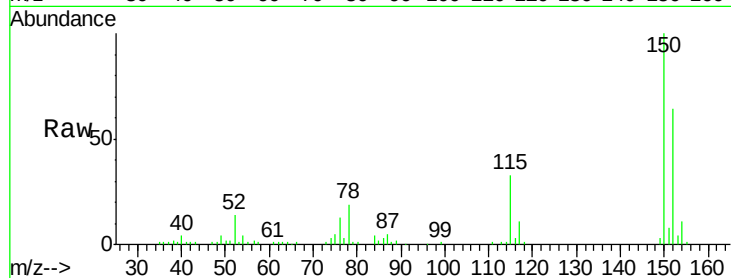
Tgt Ion:152 Resp: 37823

Ion Ratio Lower Upper

152 100

150 155.3 126.2 189.4

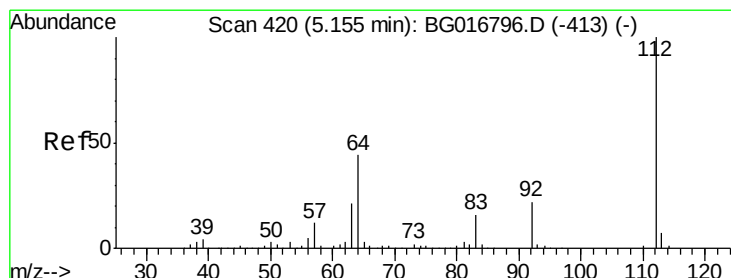
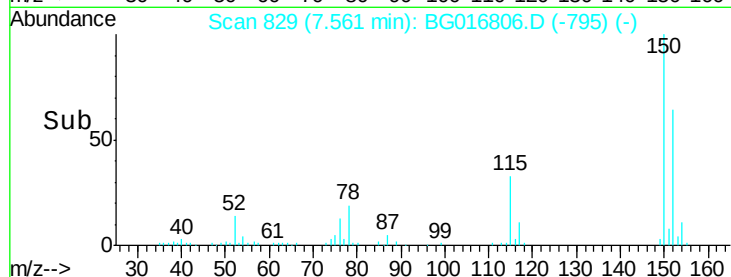
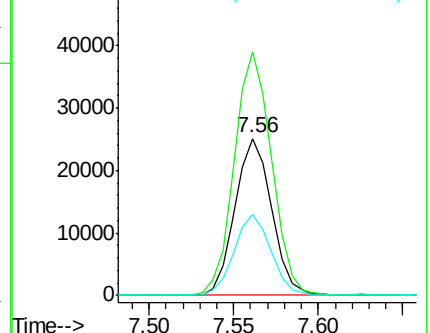
115 51.6 41.1 61.7



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: 134.51 ng

RT: 5.16 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG016806.D

Acq: 29 Apr 2015 19:30

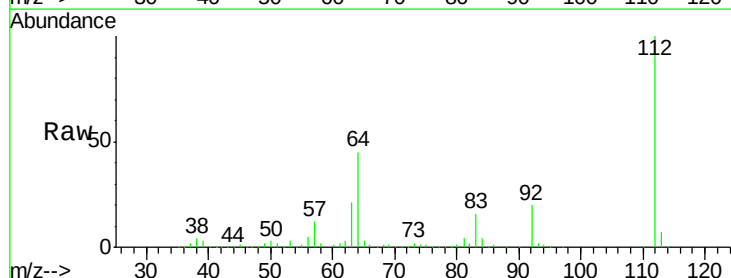
Tgt Ion:112 Resp: 276188

Ion Ratio Lower Upper

112 100

64 45.1 35.5 53.3

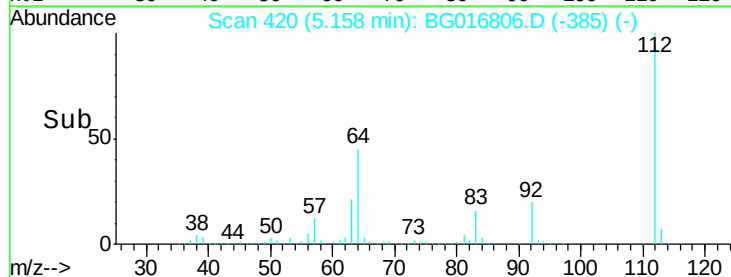
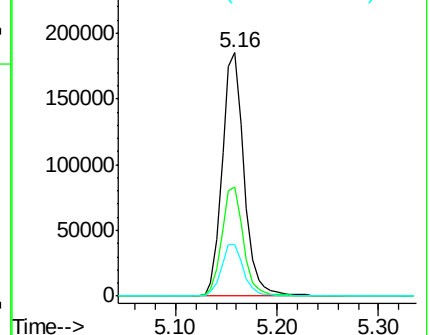
63 21.3 17.2 25.8

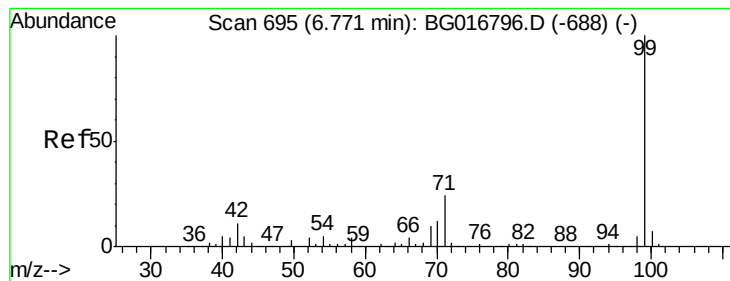


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 131.29 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG016806.D

Acq: 29 Apr 2015 19:30

Instrument :

BNA_G

ClientSampleId :

PZ-1(50-55)

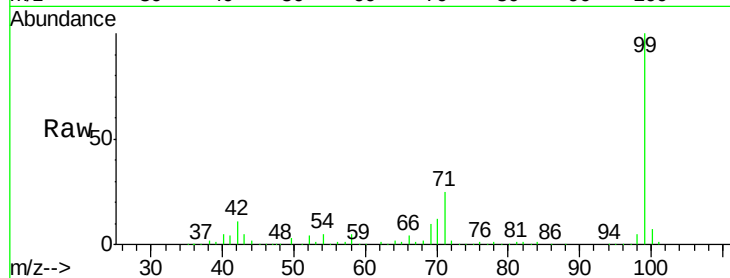
Tgt Ion: 99 Resp: 378378

Ion Ratio Lower Upper

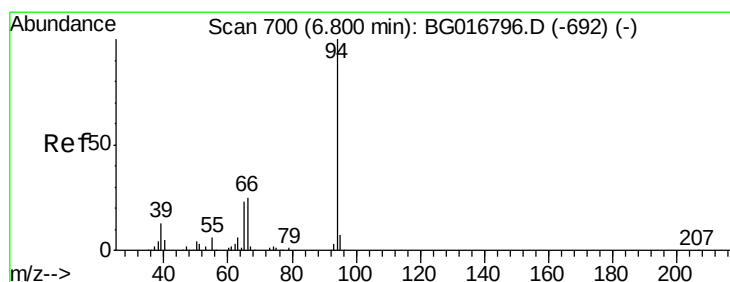
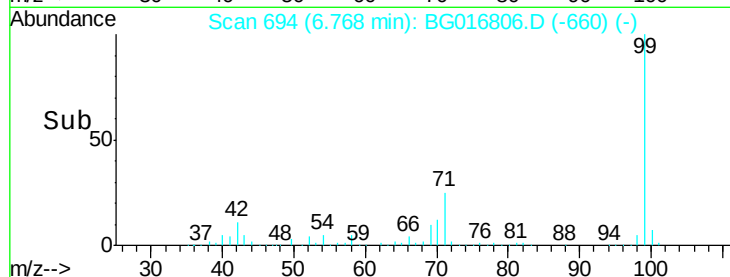
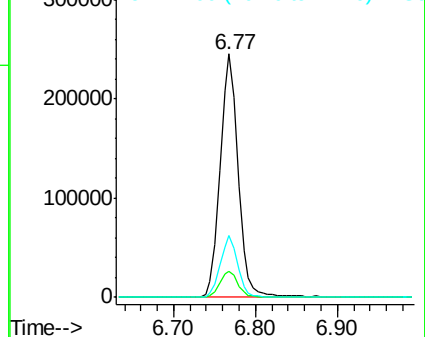
99 100

42 10.9 8.9 13.3

71 25.3 19.0 28.6



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



#10

Phenol

Concen: 3.64 ng

RT: 6.80 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG016806.D

Acq: 29 Apr 2015 19:30

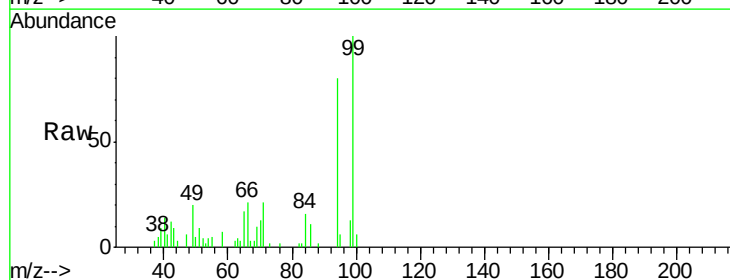
Tgt Ion: 94 Resp: 10757

Ion Ratio Lower Upper

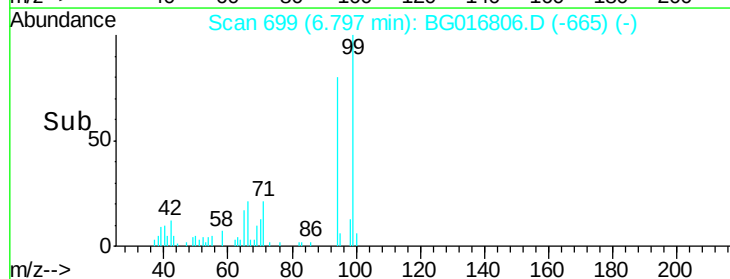
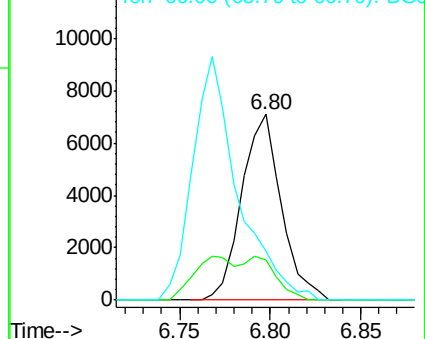
94 100

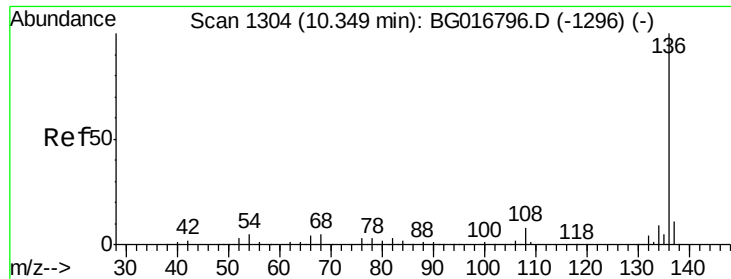
65 21.4 3.0 43.0

66 26.4 6.3 46.3



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

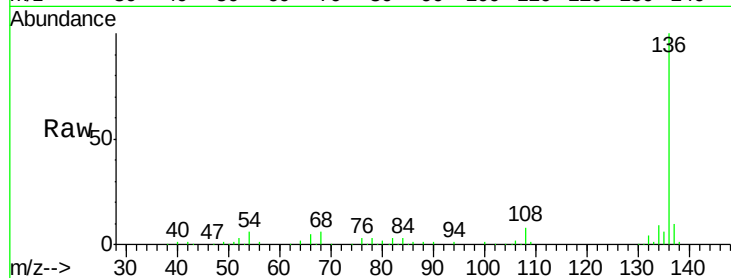




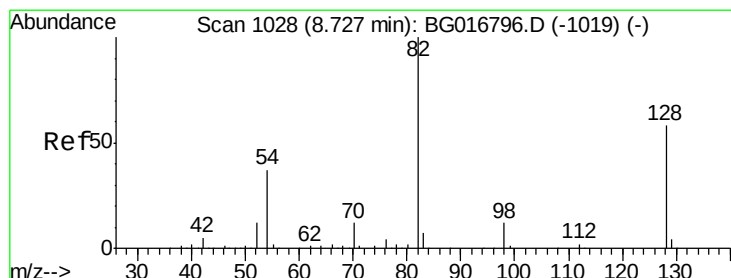
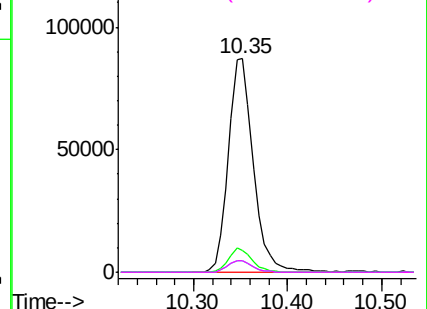
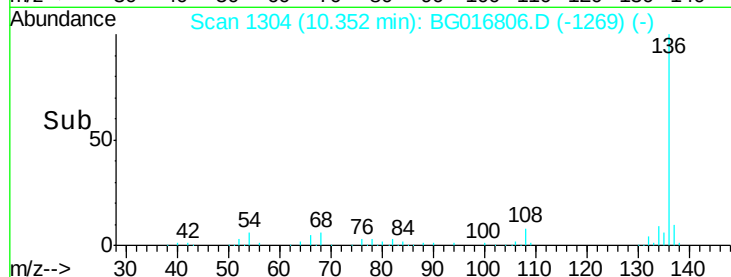
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG016806.D
Acq: 29 Apr 2015 19:30

Instrument :
BNA_G
ClientSampleId :
PZ-1(50-55)

Tgt Ion:	136	Resp:	161284
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	5.6	4.3	6.5
68	5.5	4.3	6.5

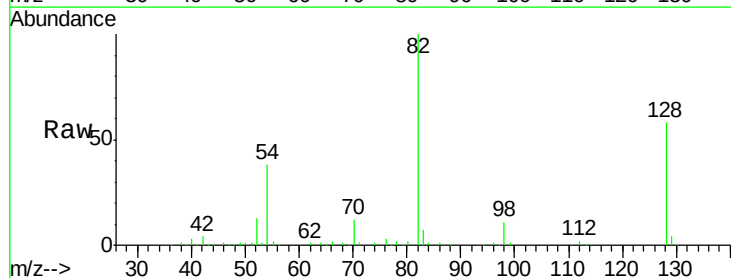


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

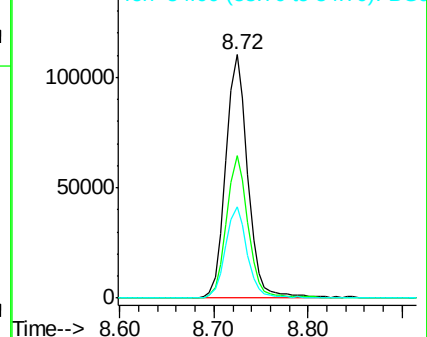
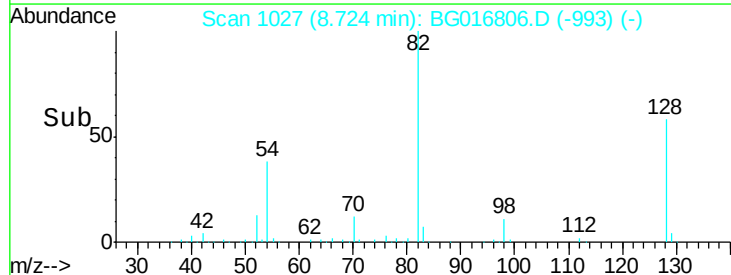


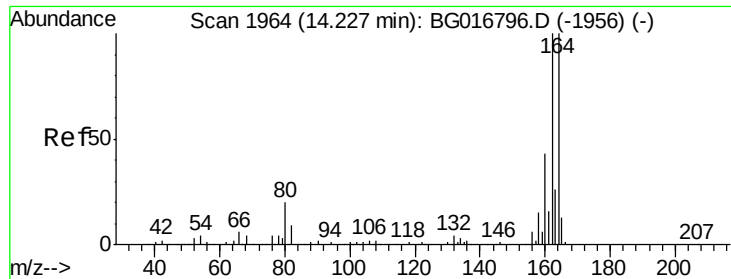
#23
Nitrobenzene-d5
Concen: 73.30 ng
RT: 8.72 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG016806.D
Acq: 29 Apr 2015 19:30

Tgt Ion:	82	Resp:	181471
Ion	Ratio	Lower	Upper
82	100		
128	58.3	46.3	69.5
54	37.7	30.0	45.0



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

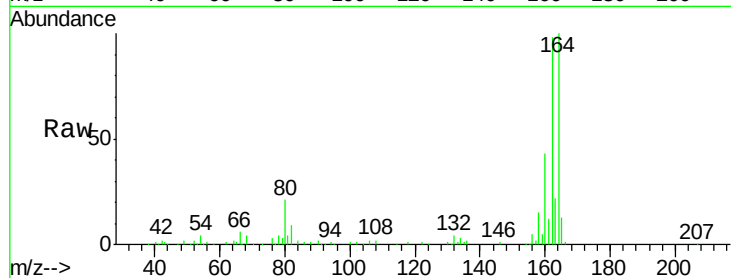




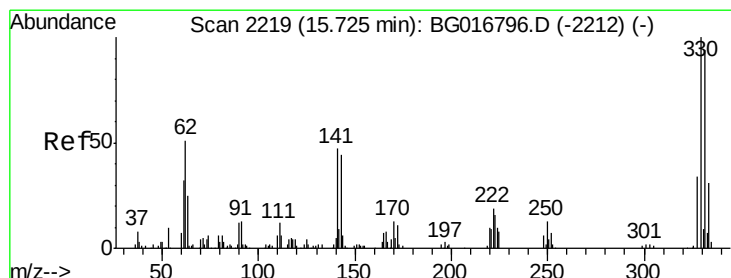
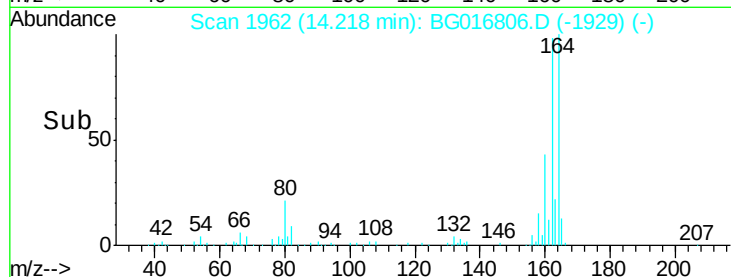
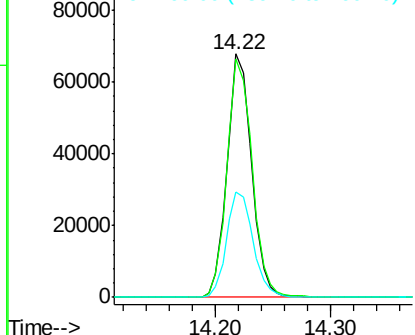
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG016806.D
Acq: 29 Apr 2015 19:30

Instrument :
BNA_G
ClientSampleId :
PZ-1(50-55)

Tgt Ion:164 Resp: 100150
Ion Ratio Lower Upper
164 100
162 97.9 80.2 120.4
160 43.4 34.8 52.2

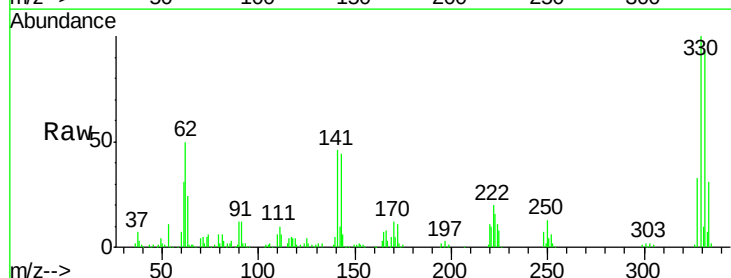


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

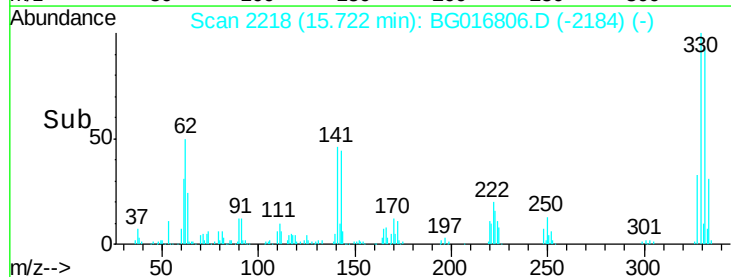
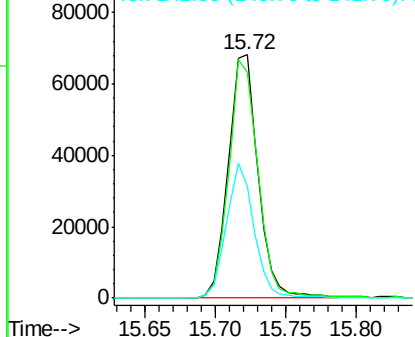


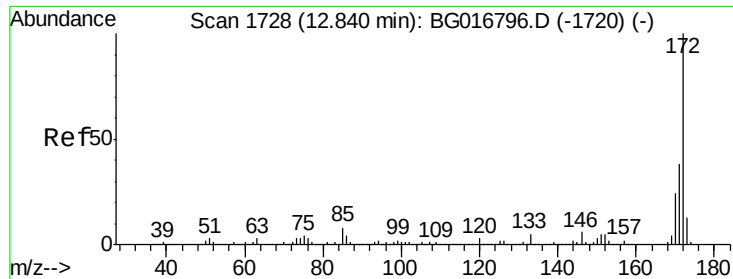
#41
2,4,6-Tribromophenol
Concen: 134.39 ng
RT: 15.72 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG016806.D
Acq: 29 Apr 2015 19:30

Tgt Ion:330 Resp: 100237
Ion Ratio Lower Upper
330 100
332 96.5 75.3 112.9
141 51.5 40.7 61.1



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

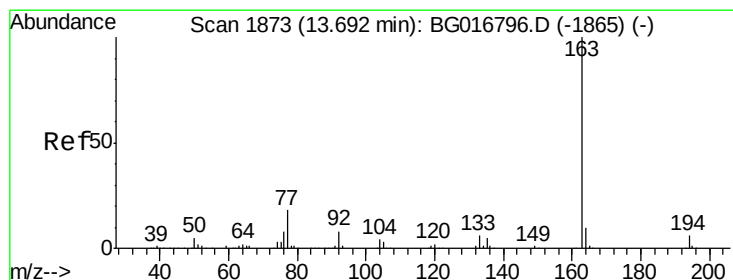
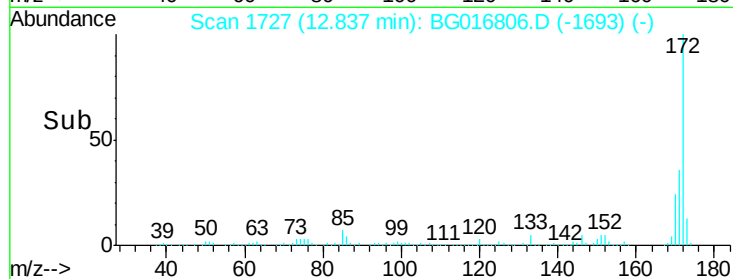
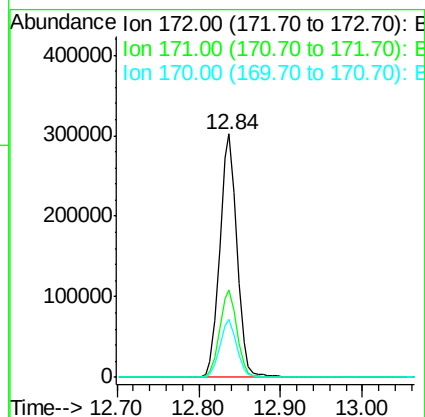
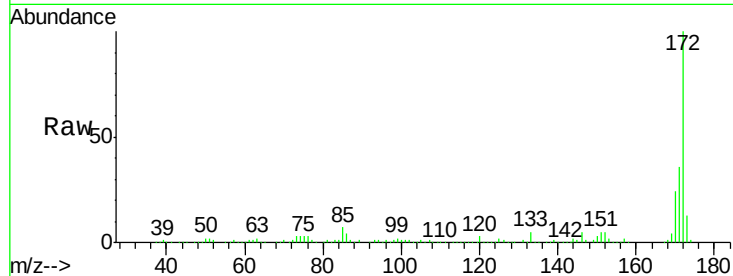




#44
2-Fluorobiphenyl
Concen: 68.54 ng
RT: 12.84 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BG016806.D
Acq: 29 Apr 2015 19:30

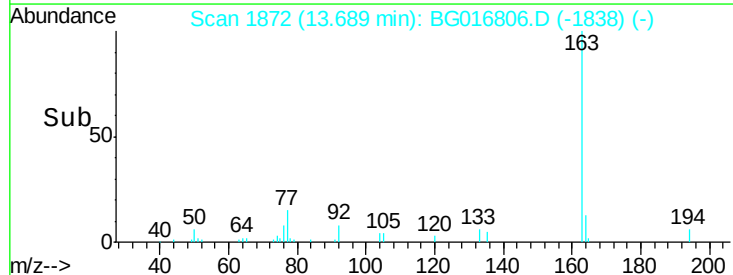
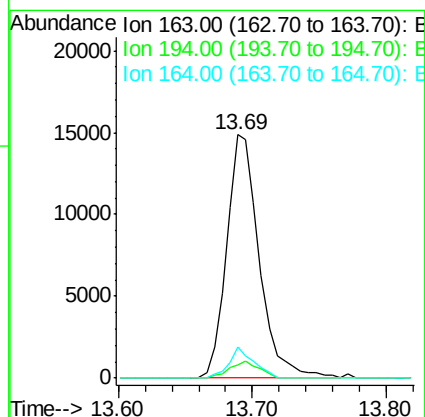
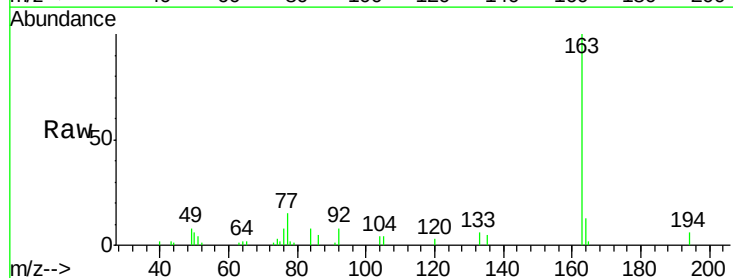
Instrument :
BNA_G
ClientSampleId :
PZ-1(50-55)

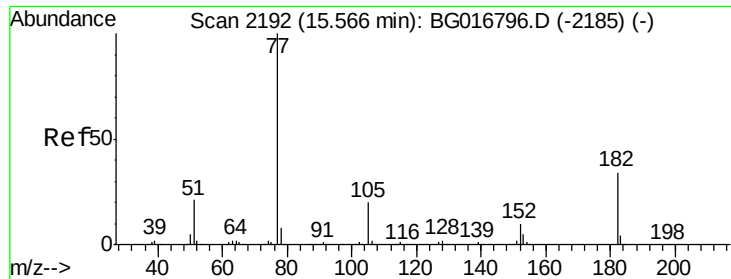
Tgt Ion:172 Resp: 443368
Ion Ratio Lower Upper
172 100
171 35.9 30.2 45.4
170 24.0 19.4 29.0



#49
Dimethylphthalate
Concen: 3.53 ng
RT: 13.69 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG016806.D
Acq: 29 Apr 2015 19:30

Tgt Ion:163 Resp: 25345
Ion Ratio Lower Upper
163 100
194 5.7 4.7 7.1
164 12.6 8.2 12.2#





#62

Azobenzene

Concen: 3.77 ng

RT: 15.59 min Scan# 2195

Delta R.T. 0.02 min

Lab File: BG016806.D

Acq: 29 Apr 2015 19:30

Instrument :

BNA_G

ClientSampleId :

PZ-1(50-55)

Tgt Ion: 77 Resp: 23143

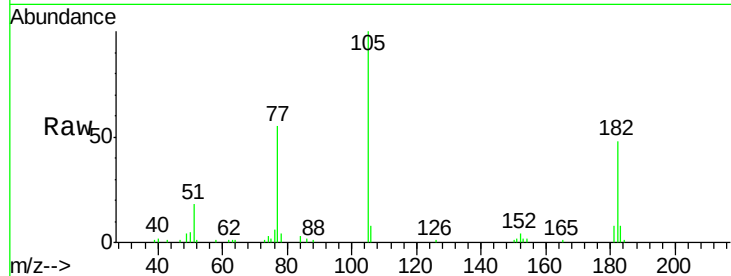
Ion Ratio Lower Upper

77 100

182 87.2 13.6 53.6#

105 182.2 0.0 39.9#

51 33.1 1.1 41.1

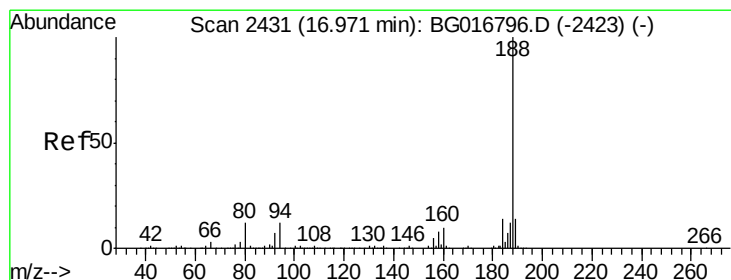
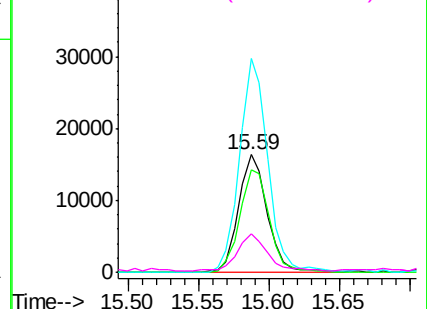
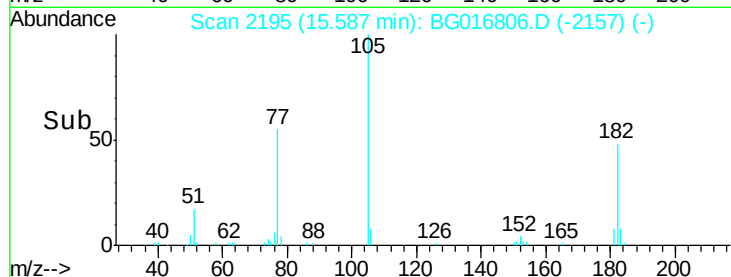


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.97 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG016806.D

Acq: 29 Apr 2015 19:30

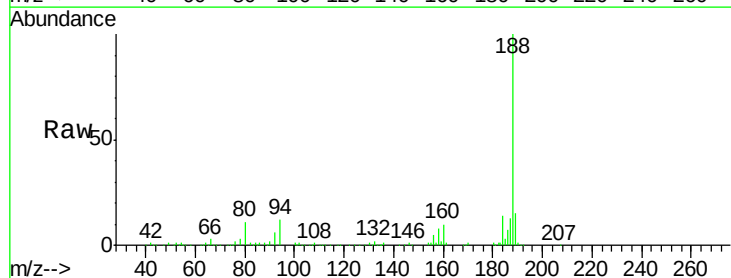
Tgt Ion: 188 Resp: 231065

Ion Ratio Lower Upper

188 100

94 11.7 9.5 14.3

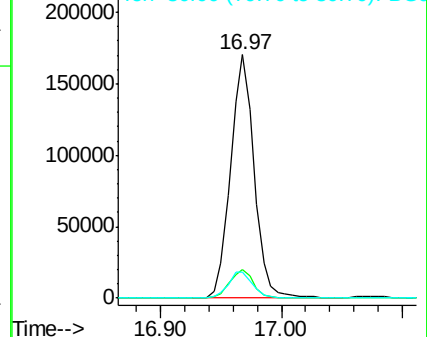
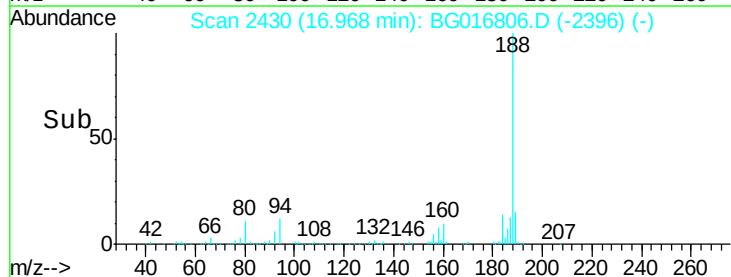
80 10.8 9.2 13.8

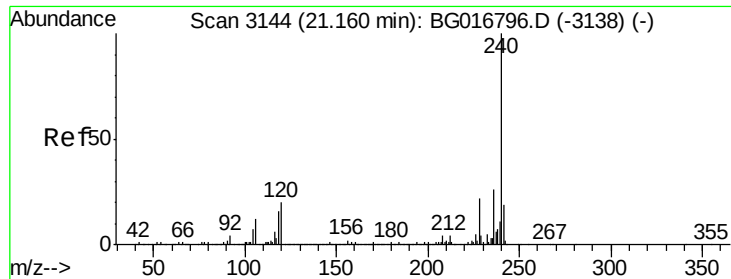


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 21.16 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG016806.D

Acq: 29 Apr 2015 19:30

Instrument :

BNA_G

ClientSampleId :

PZ-1(50-55)

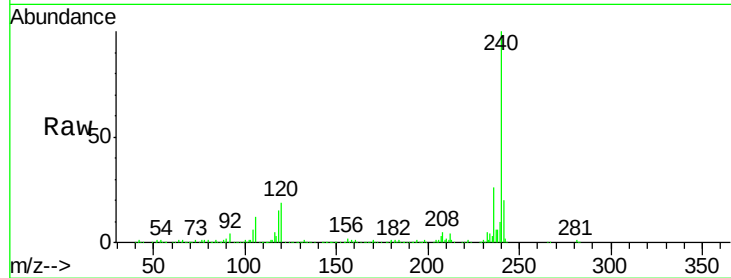
Tgt Ion:240 Resp: 223800

Ion Ratio Lower Upper

240 100

120 18.6 16.1 24.1

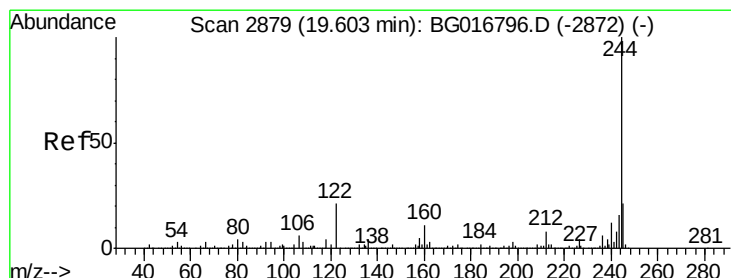
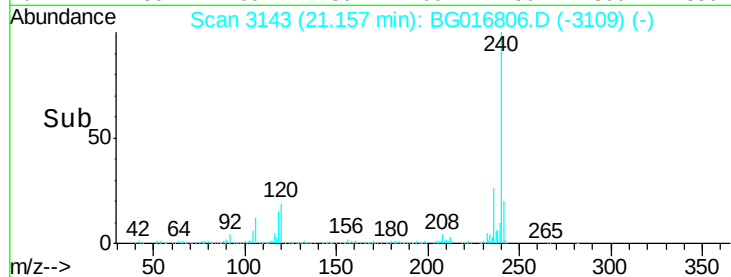
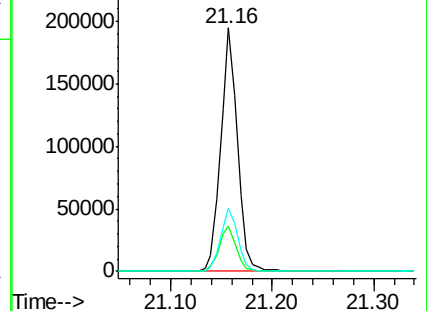
236 26.0 21.0 31.6



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: 64.10 ng

RT: 19.61 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG016806.D

Acq: 29 Apr 2015 19:30

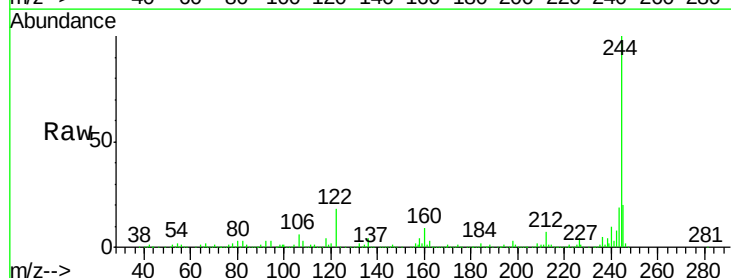
Tgt Ion:244 Resp: 594766

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

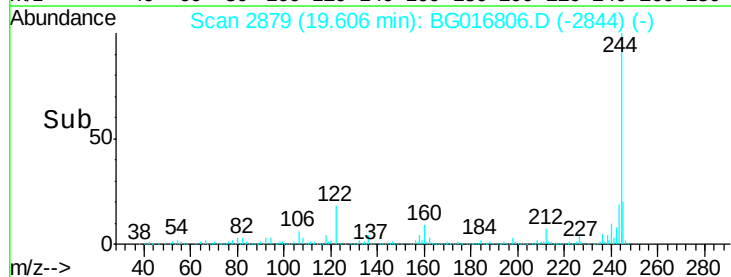
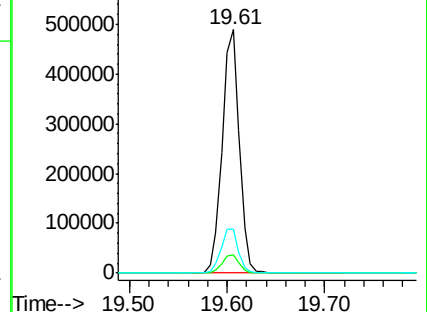
122 17.9 16.4 24.6

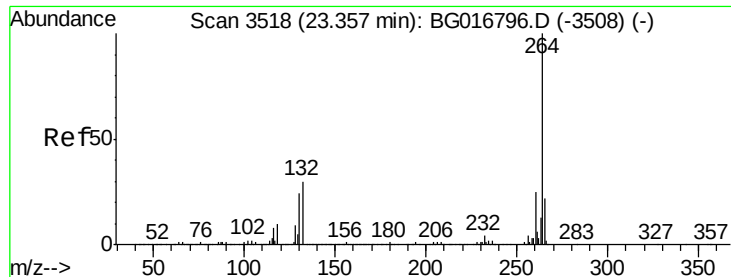


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.35 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG016806.D

Acq: 29 Apr 2015 19:30

Instrument :

BNA_G

ClientSampleId :

PZ-1(50-55)

Tgt Ion: 264 Resp: 206567

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 22.5 17.4 26.2

