

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
 Data File : BG016813.D
 Acq On : 30 Apr 2015 1:28
 Operator : TP/IZ
 Sample : G2022-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-05-COMP

Quant Time: Apr 30 02:43:31 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 02:30:36 2015
 Response via : Initial Calibration

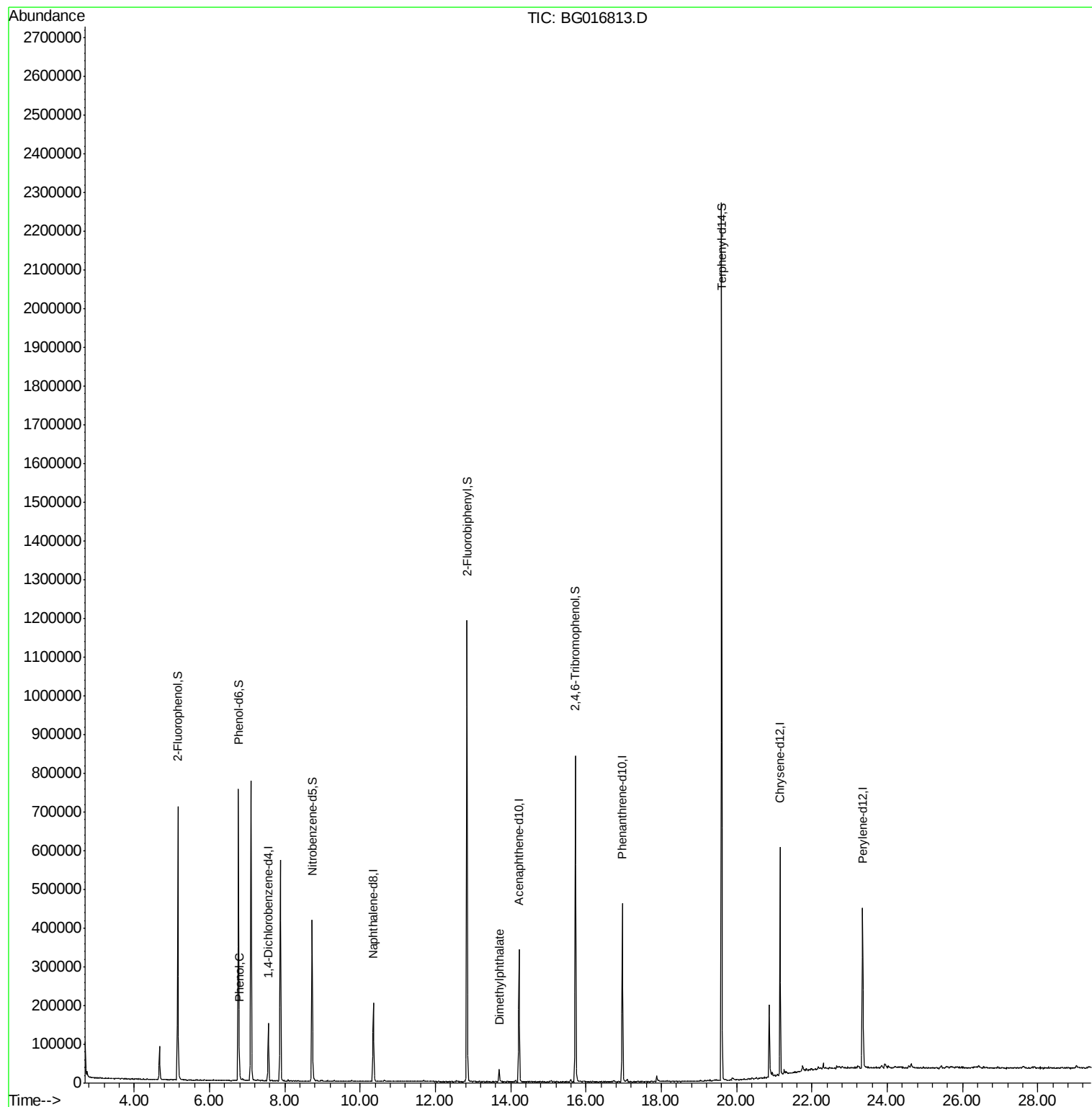
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	43135	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	188779	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	118261	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	259217	20.00	ng	0.00
75) Chrysene-d12	21.15	240	245659	20.00	ng	0.00
86) Perylene-d12	23.35	264	229079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	362596	154.84	ng	0.00
7) Phenol-d6	6.77	99	503417	153.16	ng	0.00
23) Nitrobenzene-d5	8.72	82	245527	84.72	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	127767	145.06	ng	0.00
44) 2-Fluorobiphenyl	12.83	172	618817	81.02	ng	0.00
78) Terphenyl-d14	19.60	244	836328	82.12	ng	0.00
Target Compounds						
10) Phenol	6.79	94	19153	5.68	ng	96
49) Dimethylphthalate	13.69	163	27286	3.22	ng	97

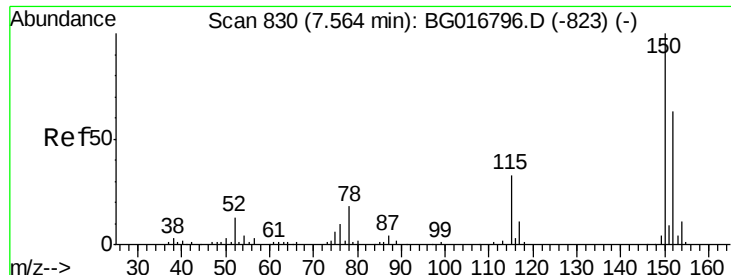
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG016813.D

Acq: 30 Apr 2015 1:28

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SB-05-COMP

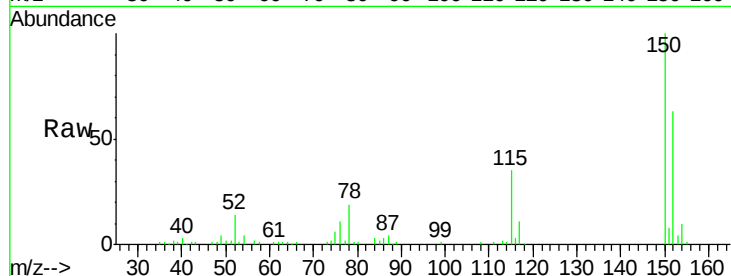
Tgt Ion:152 Resp: 43135

Ion Ratio Lower Upper

152 100

150 158.5 126.2 189.4

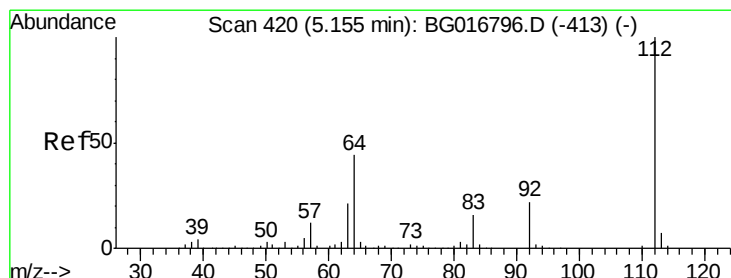
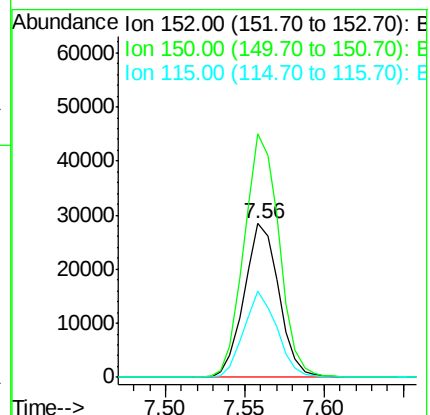
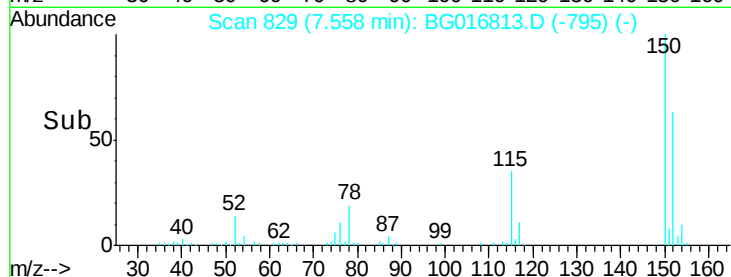
115 56.0 41.1 61.7



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: 154.84 ng

RT: 5.16 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG016813.D

Acq: 30 Apr 2015 1:28

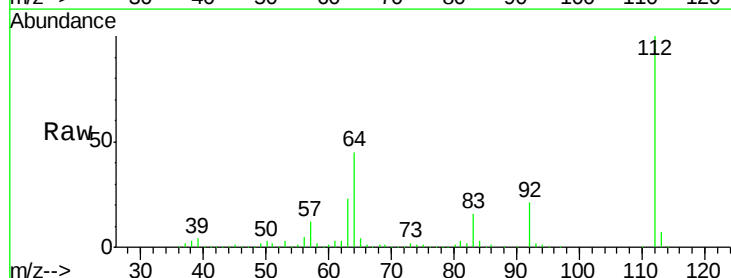
Tgt Ion:112 Resp: 362596

Ion Ratio Lower Upper

112 100

64 45.1 35.5 53.3

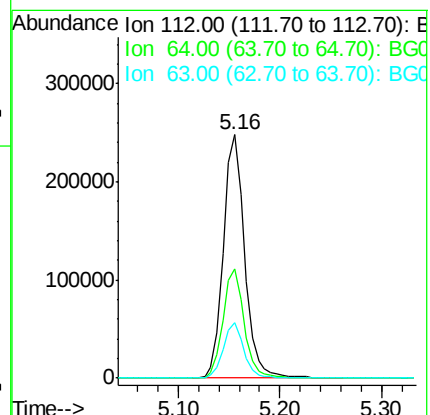
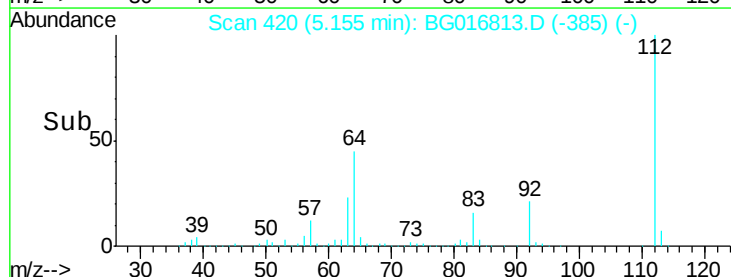
63 22.9 17.2 25.8

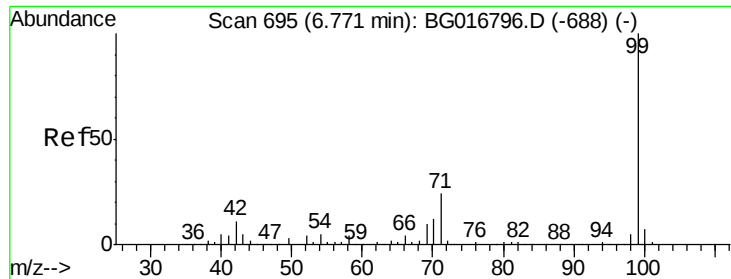


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 153.16 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG016813.D

Acq: 30 Apr 2015 1:28

Instrument :

BNA_G

ClientSampleId :

SB-05-COMP

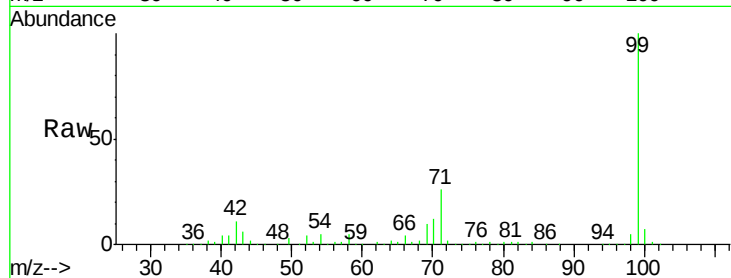
Tgt Ion: 99 Resp: 503417

Ion Ratio Lower Upper

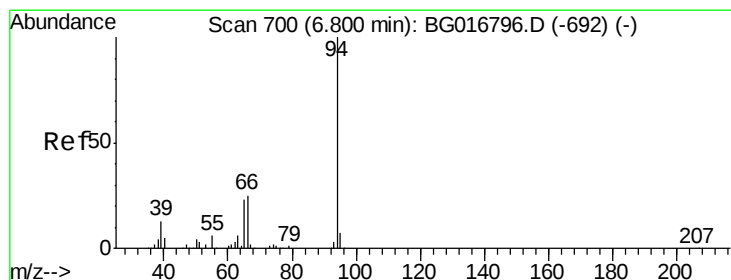
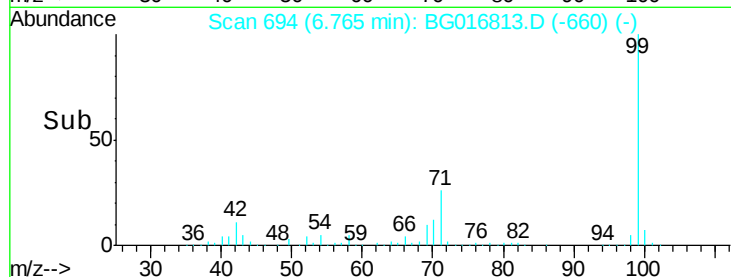
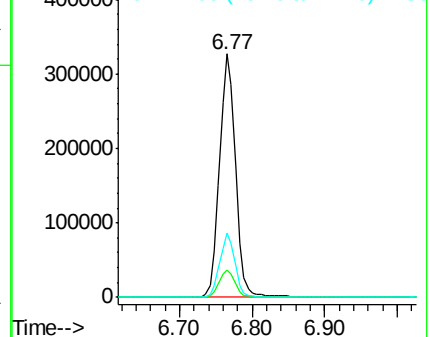
99 100

42 11.4 8.9 13.3

71 26.3 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: 5.68 ng

RT: 6.79 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG016813.D

Acq: 30 Apr 2015 1:28

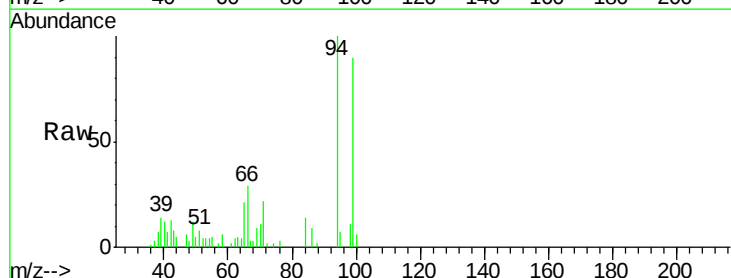
Tgt Ion: 94 Resp: 19153

Ion Ratio Lower Upper

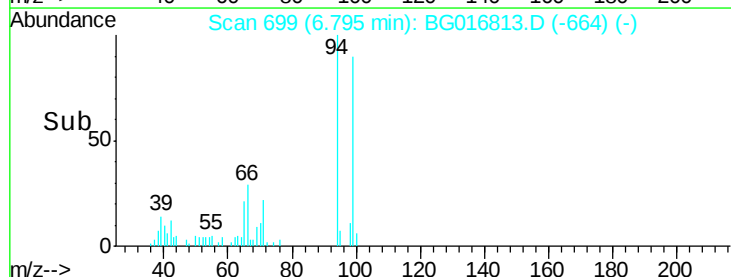
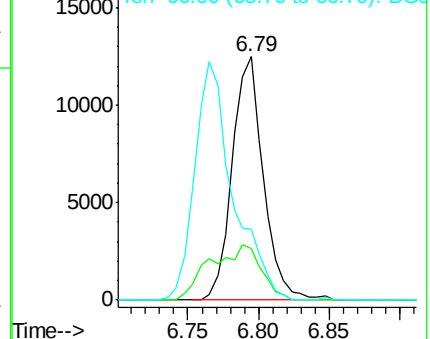
94 100

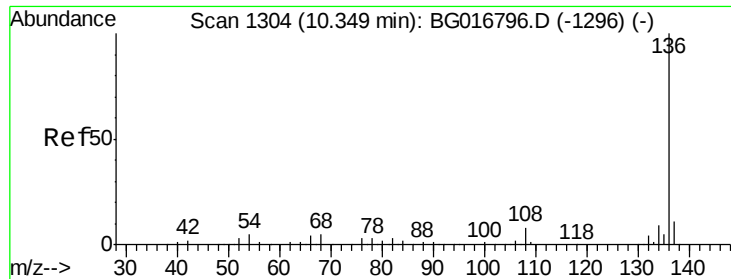
65 21.4 3.0 43.0

66 28.9 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

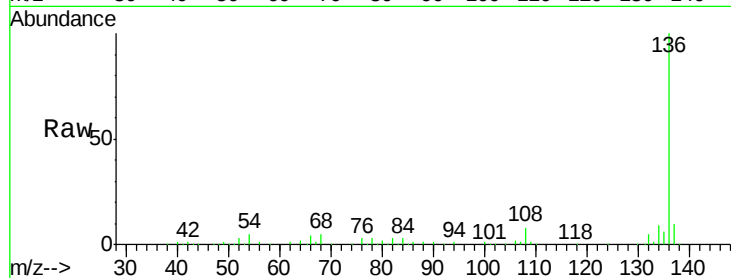




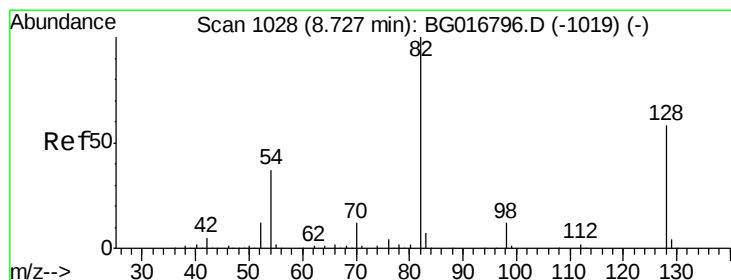
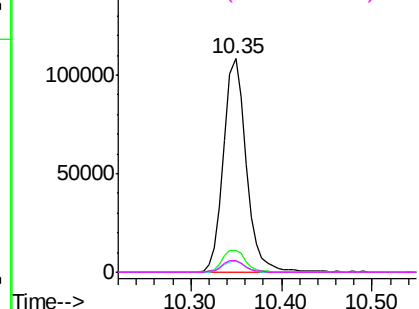
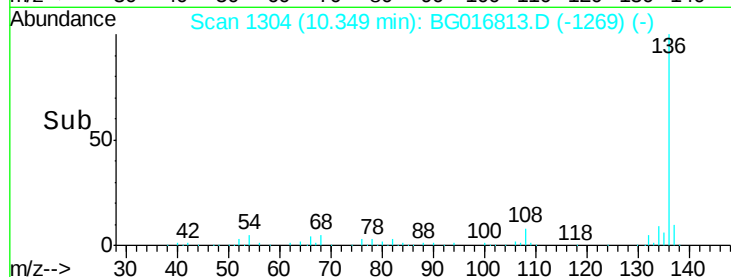
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG016813.D
Acq: 30 Apr 2015 1:28

Instrument :
BNA_G
ClientSampleId :
SB-05-COMP

Tgt Ion: 136 Resp: 188779
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 5.5 4.3 6.5
68 5.2 4.3 6.5

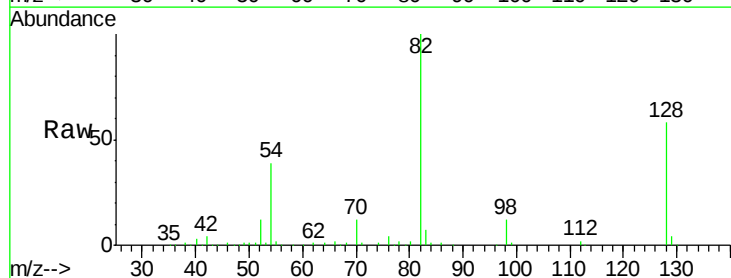


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

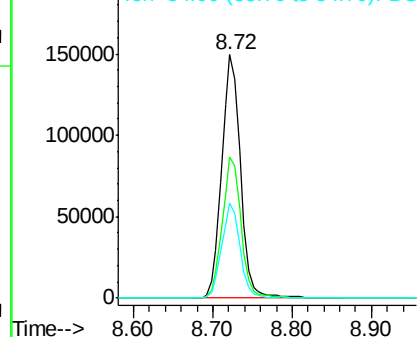
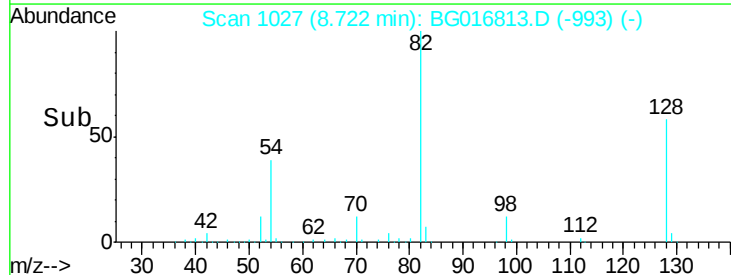


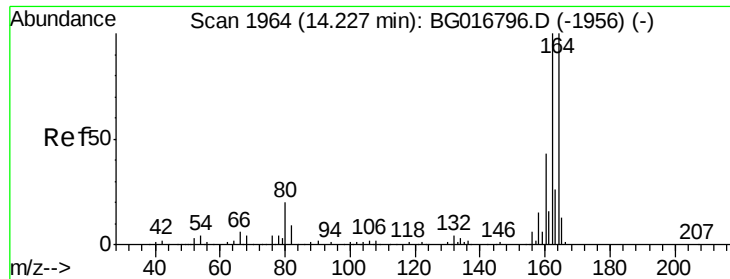
#23
Nitrobenzene-d5
Concen: 84.72 ng
RT: 8.72 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG016813.D
Acq: 30 Apr 2015 1:28

Tgt Ion: 82 Resp: 245527
Ion Ratio Lower Upper
82 100
128 57.9 46.3 69.5
54 39.2 30.0 45.0



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

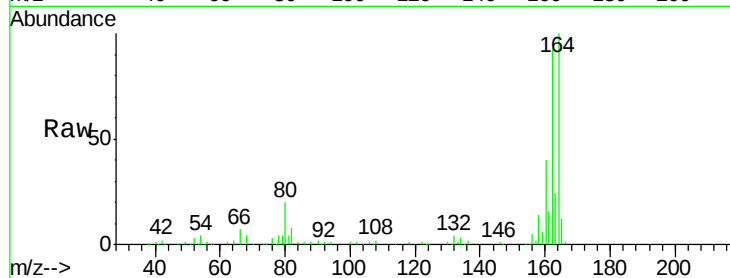




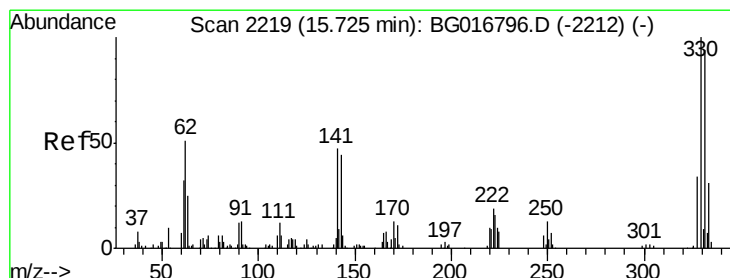
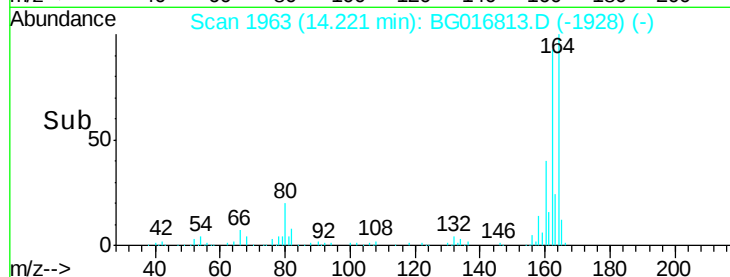
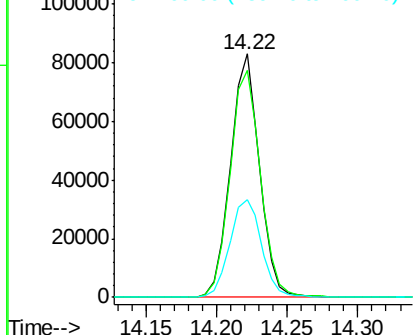
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG016813.D
Acq: 30 Apr 2015 1:28

Instrument :
BNA_G
ClientSampleId :
SB-05-COMP

Tgt Ion:164 Resp: 118261
Ion Ratio Lower Upper
164 100
162 93.1 80.2 120.4
160 40.2 34.8 52.2

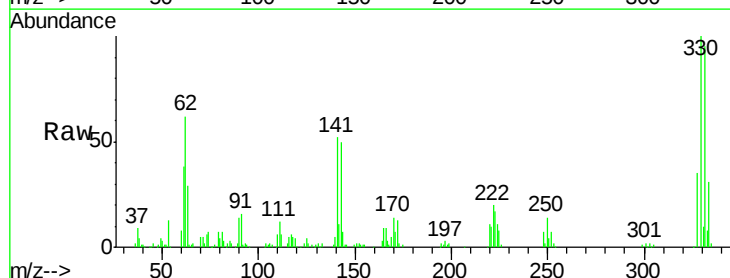


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

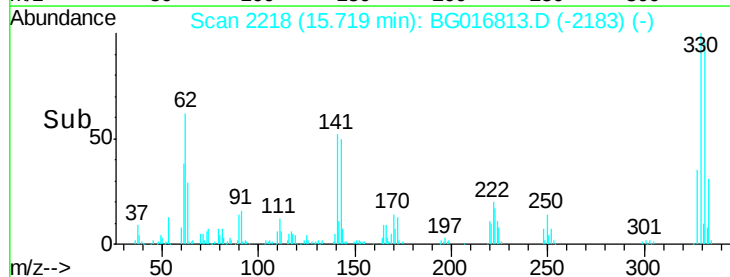
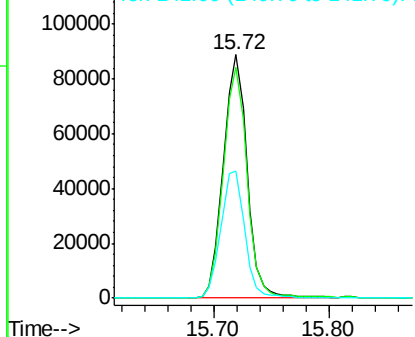


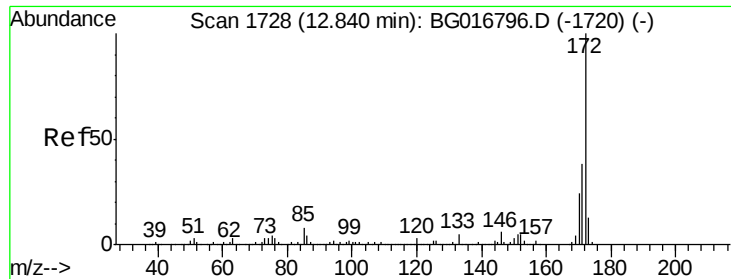
#41
2,4,6-Tribromophenol
Concen: 145.06 ng
RT: 15.72 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BG016813.D
Acq: 30 Apr 2015 1:28

Tgt Ion:330 Resp: 127767
Ion Ratio Lower Upper
330 100
332 94.2 75.3 112.9
141 52.7 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

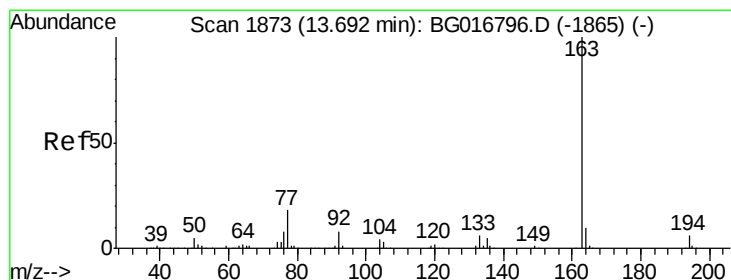
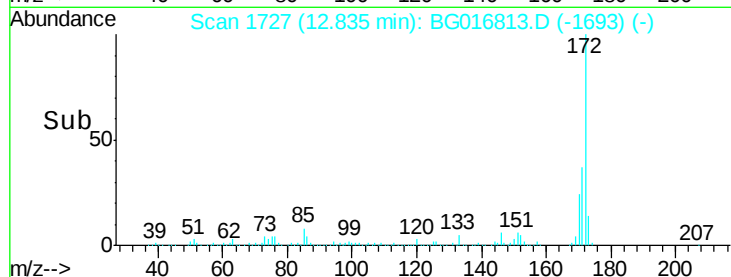
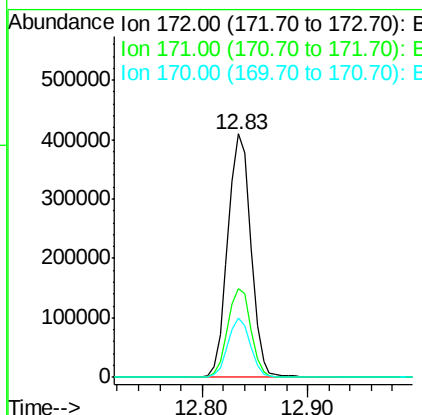
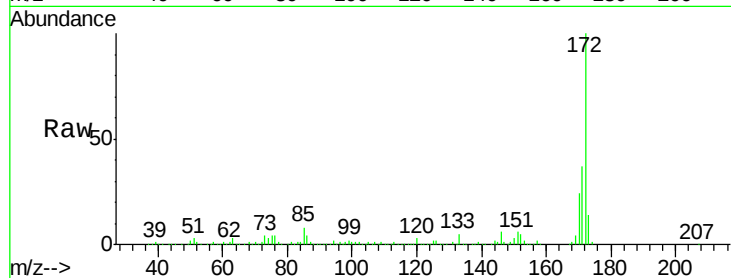




#44
2-Fluorobiphenyl
Concen: 81.02 ng
RT: 12.83 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BG016813.D
Acq: 30 Apr 2015 1:28

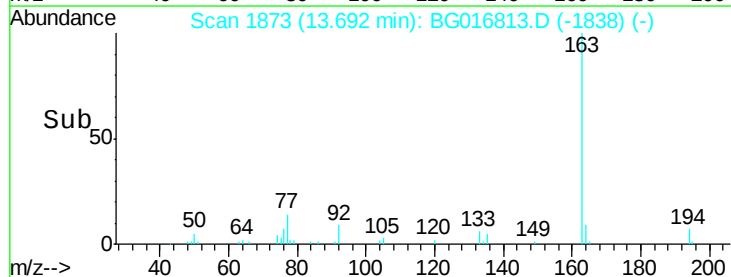
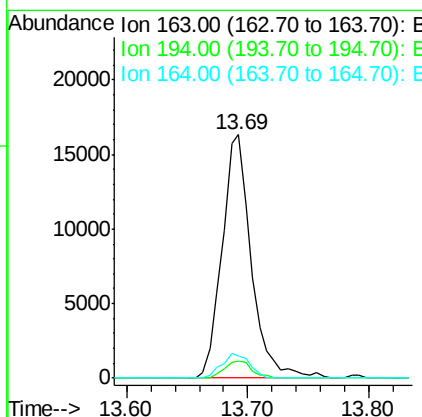
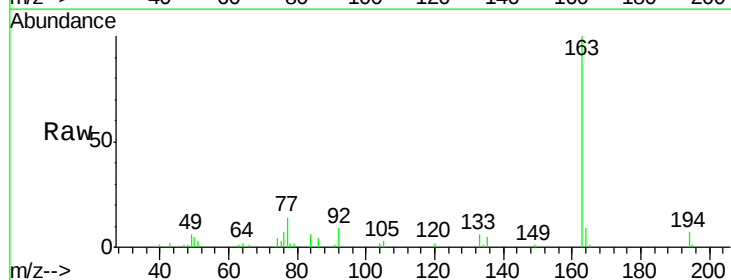
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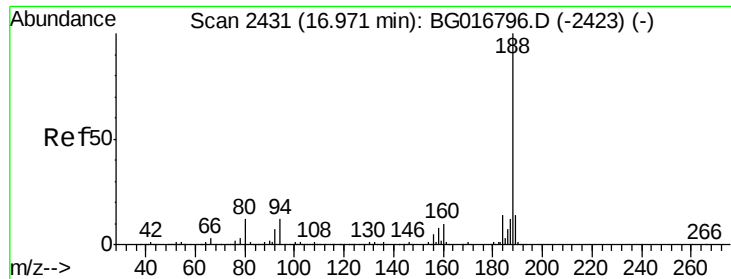
Tgt Ion:172 Resp: 618817
Ion Ratio Lower Upper
172 100
171 36.7 30.2 45.4
170 24.2 19.4 29.0



#49
Dimethylphthalate
Concen: 3.22 ng
RT: 13.69 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BG016813.D
Acq: 30 Apr 2015 1:28

Tgt Ion:163 Resp: 27286
Ion Ratio Lower Upper
163 100
194 6.9 4.7 7.1
164 9.0 8.2 12.2

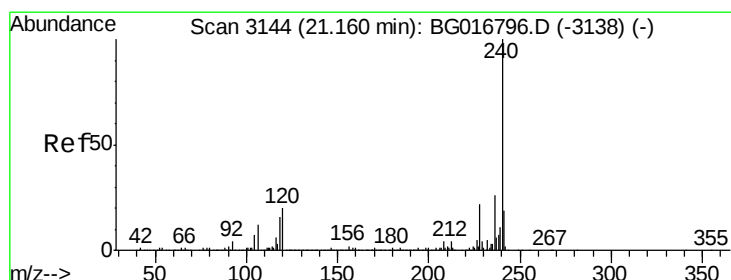
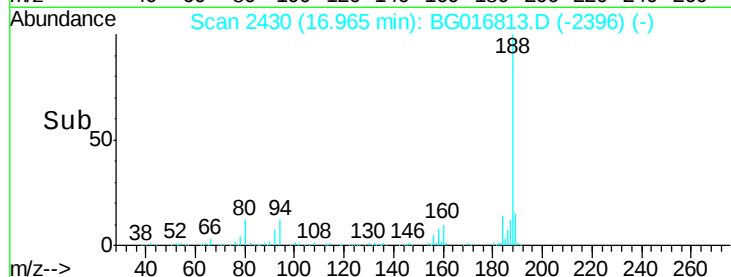
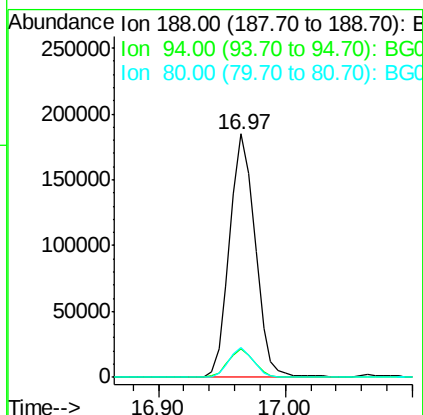
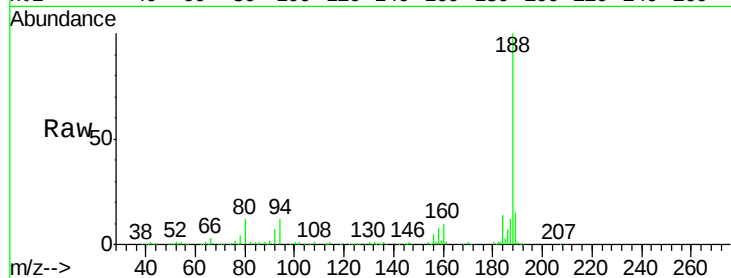




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016813.D
Acq: 30 Apr 2015 1:28

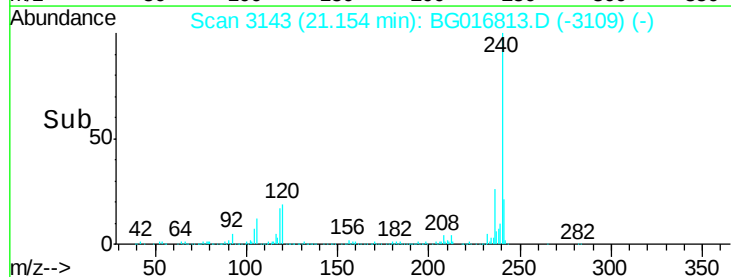
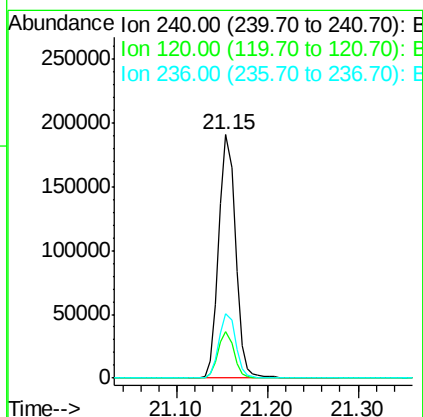
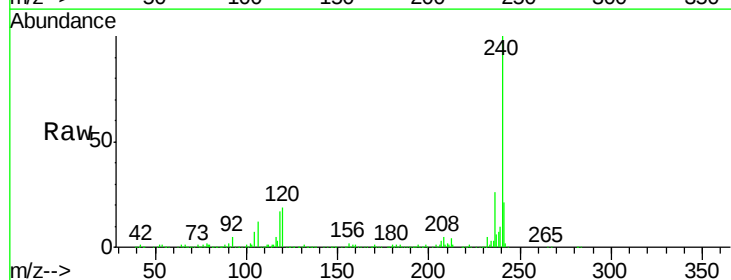
Instrument :
BNA_G
ClientSampleId :
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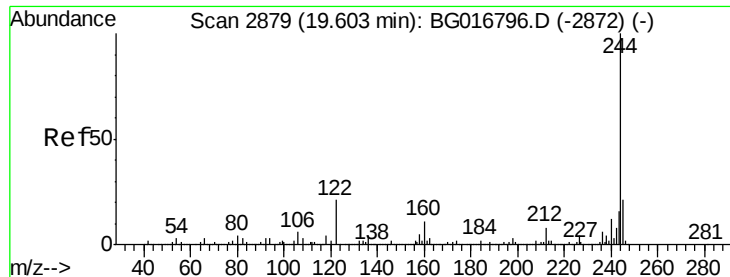
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.5	14.3
80	12.0	9.2	13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.15 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG016813.D
Acq: 30 Apr 2015 1:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.9	16.1	24.1
236	26.5	21.0	31.6

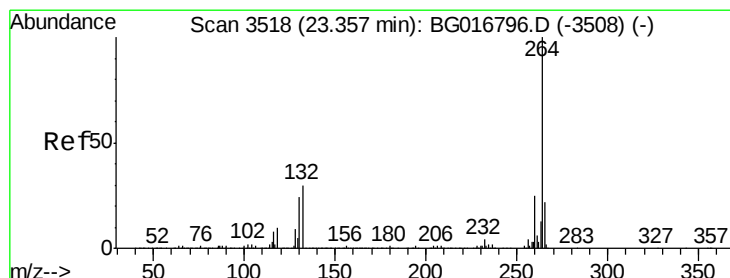
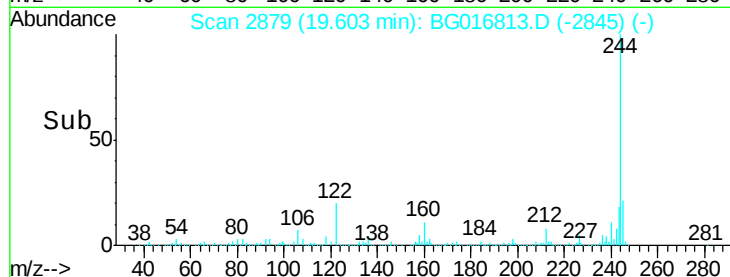
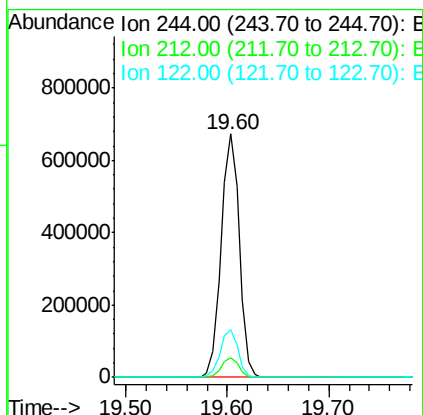
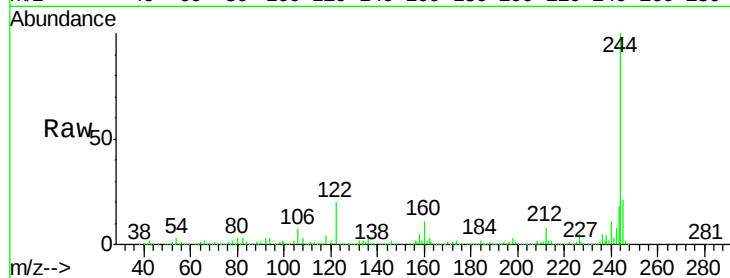




#78
 Terphenyl-d14
 Concen: 82.12 ng
 RT: 19.60 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG016813.D
 Acq: 30 Apr 2015 1:28

Instrument :
 BNA_G
 ClientSampleId :
 SB-05-COMP

Tgt Ion:244 Resp: 836328
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 19.7 16.4 24.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 3517
 Delta R.T. -0.00 min
 Lab File: BG016813.D
 Acq: 30 Apr 2015 1:28

Tgt Ion:264 Resp: 229079
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.7 29.5
 265 20.4 17.4 26.2

