

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
 Data File : BG016805.D
 Acq On : 29 Apr 2015 18:56
 Operator : TP/IZ
 Sample : G2024-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-08-COMP

Quant Time: Apr 30 02:17:07 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

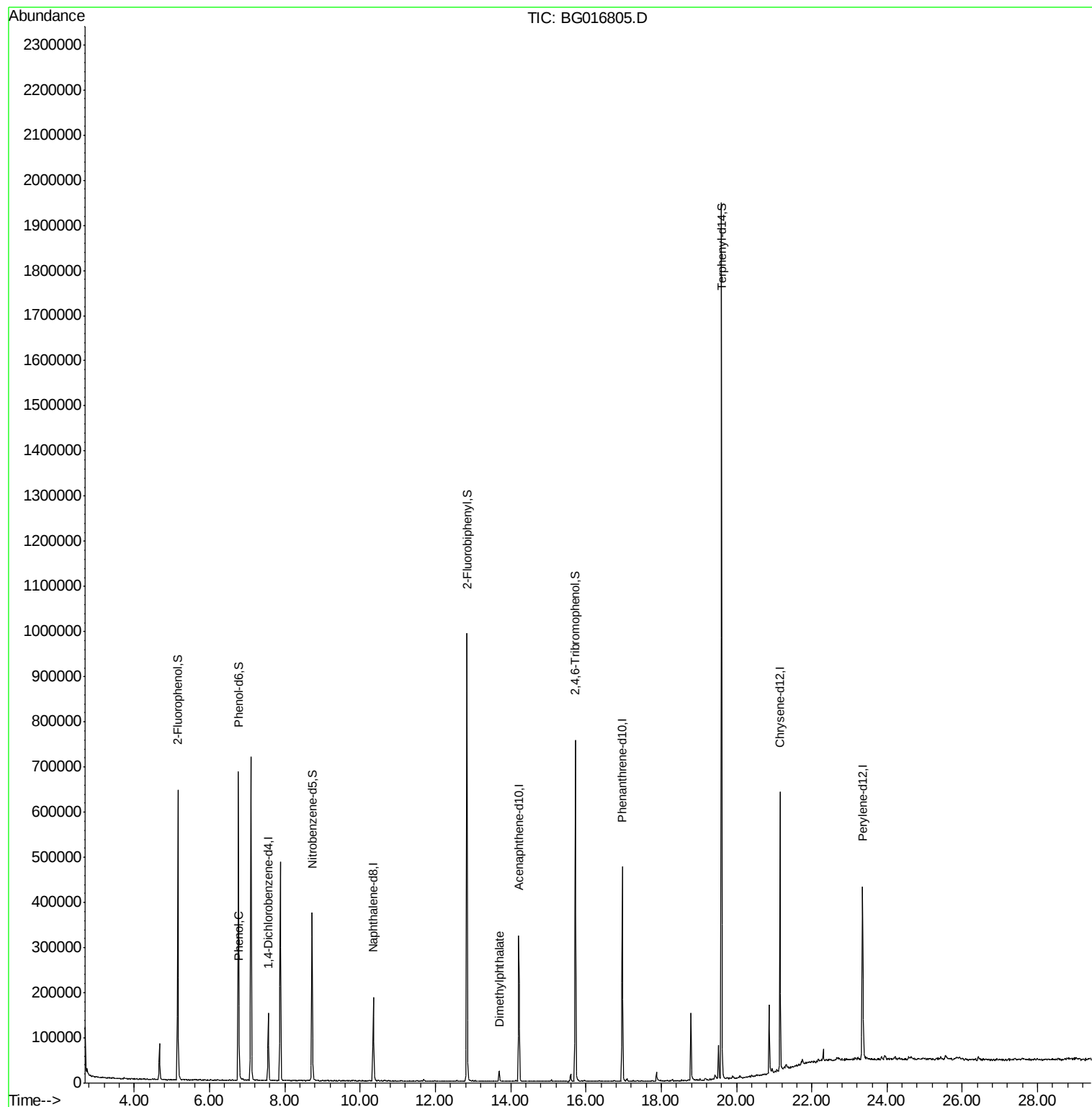
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	43061	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	185590	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	115027	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	258976	20.00	ng	0.00
75) Chrysene-d12	21.16	240	246365	20.00	ng	0.00
86) Perylene-d12	23.35	264	230654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	330554	141.40	ng	0.00
7) Phenol-d6	6.77	99	460040	140.20	ng	0.00
23) Nitrobenzene-d5	8.72	82	224948	78.96	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	113020	131.93	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	509463	68.57	ng	0.00
78) Terphenyl-d14	19.61	244	743832	72.83	ng	0.00
Target Compounds						
10) Phenol	6.79	94	16922	5.03	ng	92
49) Dimethylphthalate	13.70	163	21099	2.56	ng	96

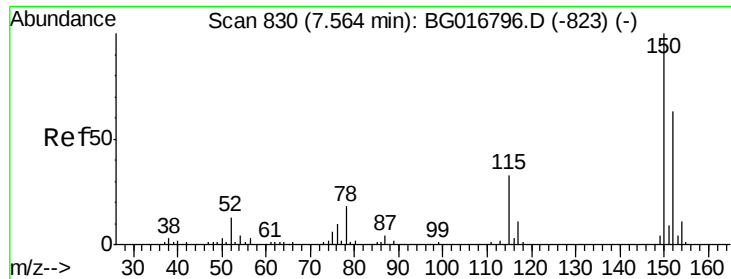
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG016805.D

Acq: 29 Apr 2015 18:56

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP

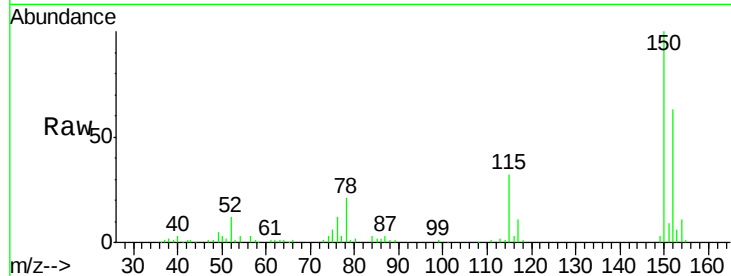
Tgt Ion:152 Resp: 43061

Ion Ratio Lower Upper

152 100

150 158.5 126.2 189.4

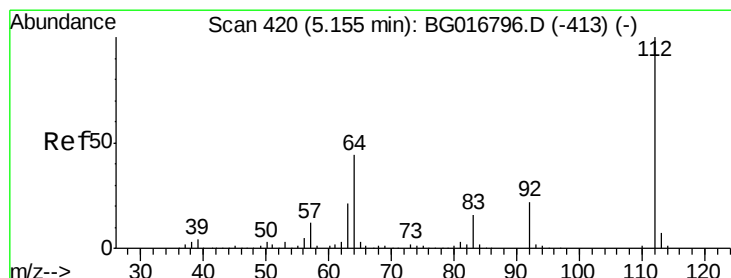
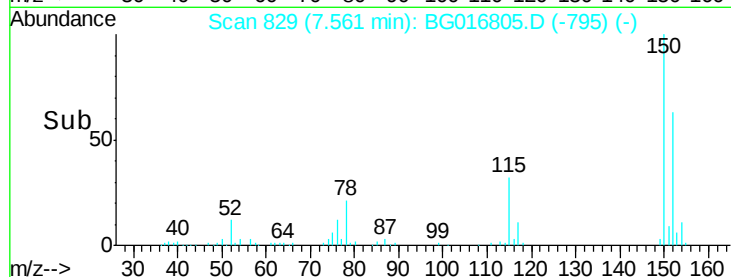
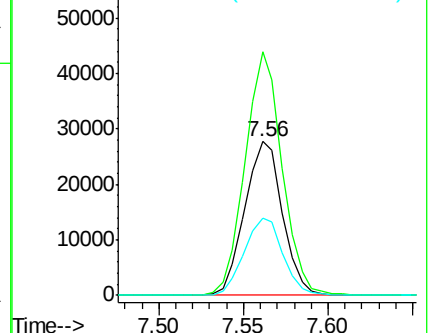
115 50.3 41.1 61.7



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: 141.40 ng

RT: 5.16 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG016805.D

Acq: 29 Apr 2015 18:56

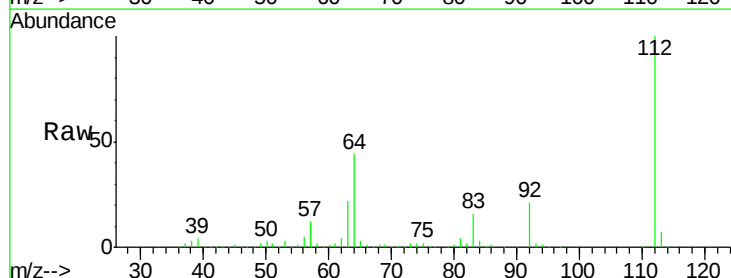
Tgt Ion:112 Resp: 330554

Ion Ratio Lower Upper

112 100

64 44.3 35.5 53.3

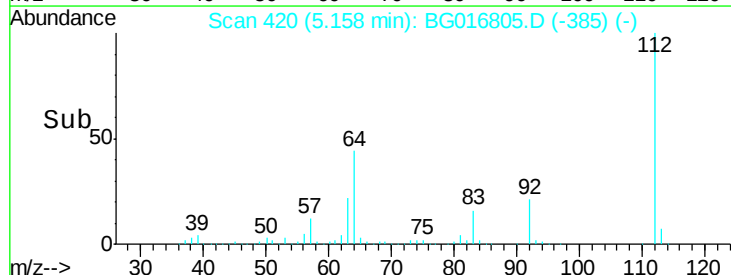
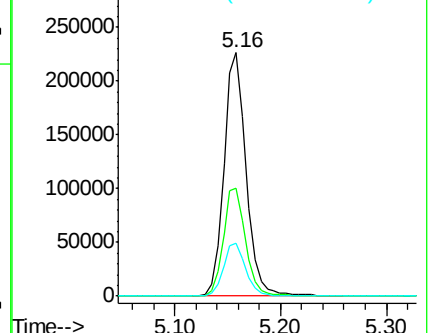
63 21.9 17.2 25.8

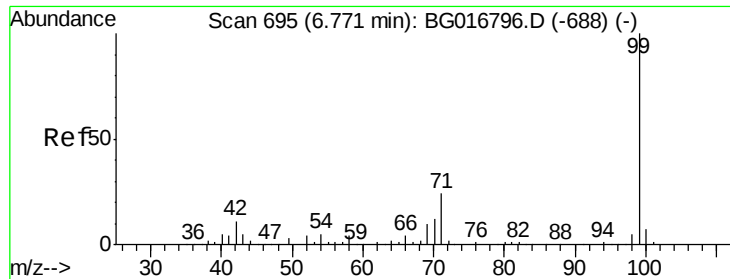


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 140.20 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG016805.D

Acq: 29 Apr 2015 18:56

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP

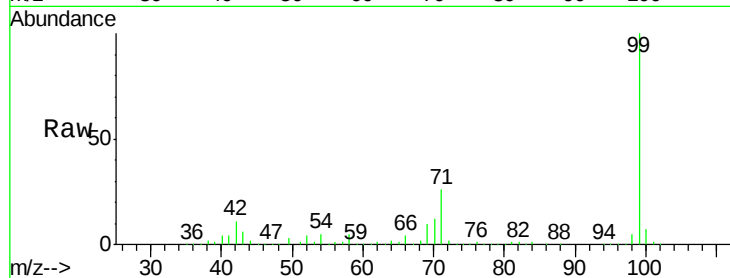
Tgt Ion: 99 Resp: 460040

Ion Ratio Lower Upper

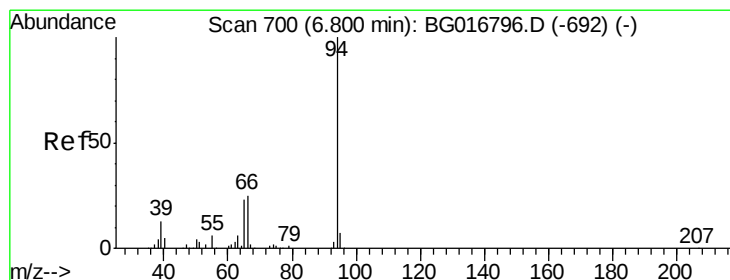
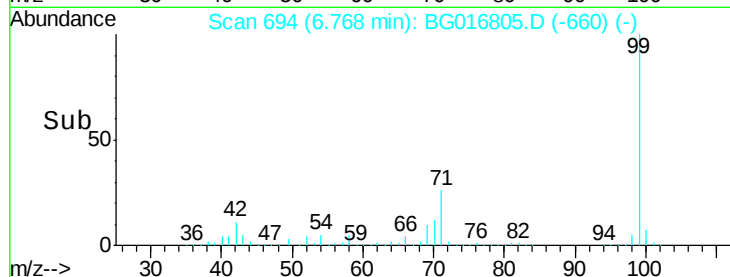
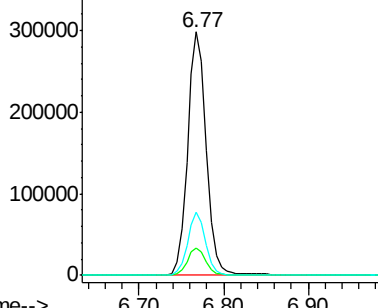
99 100

42 11.4 8.9 13.3

71 25.8 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: 5.03 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG016805.D

Acq: 29 Apr 2015 18:56

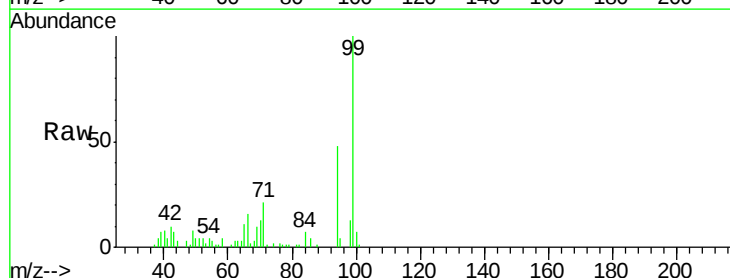
Tgt Ion: 94 Resp: 16922

Ion Ratio Lower Upper

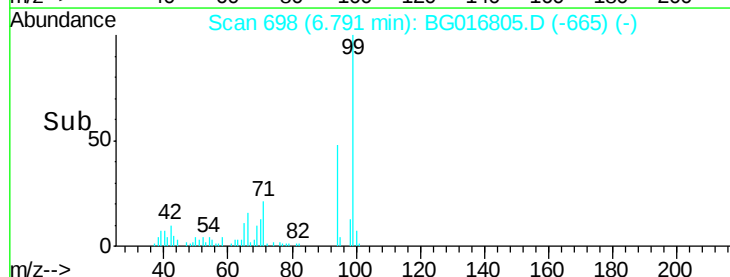
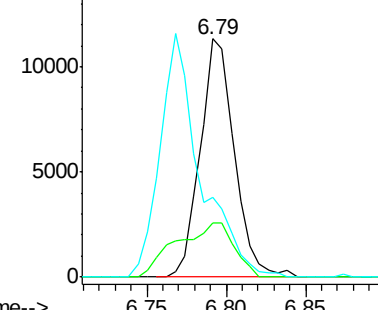
94 100

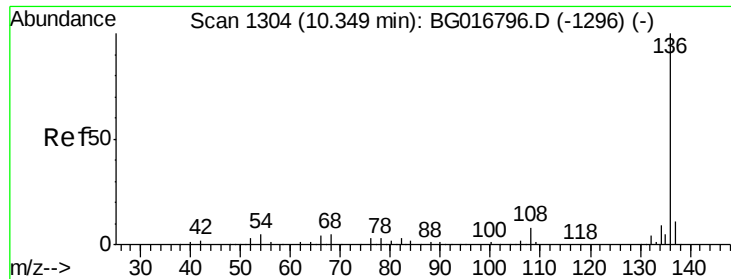
65 22.8 3.0 43.0

66 33.7 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

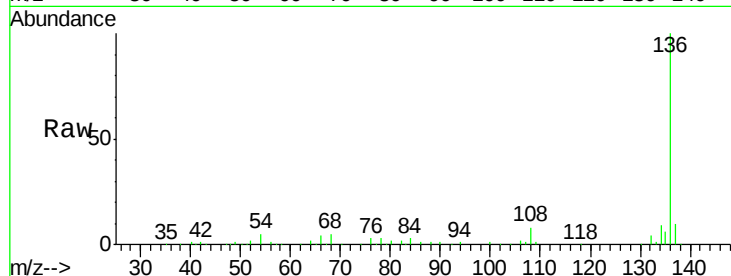




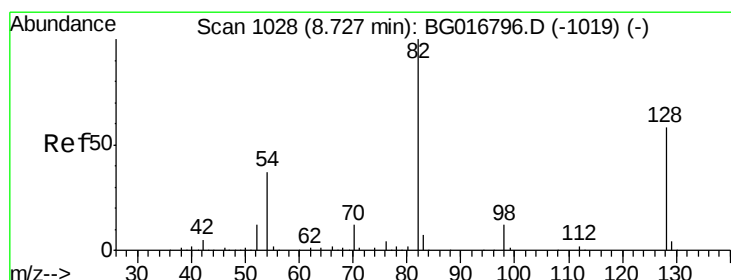
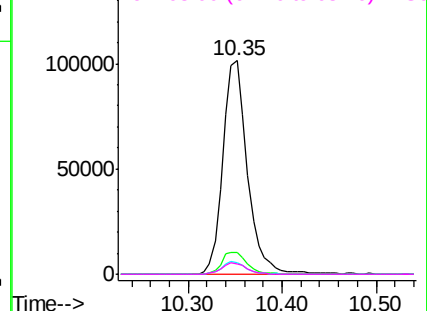
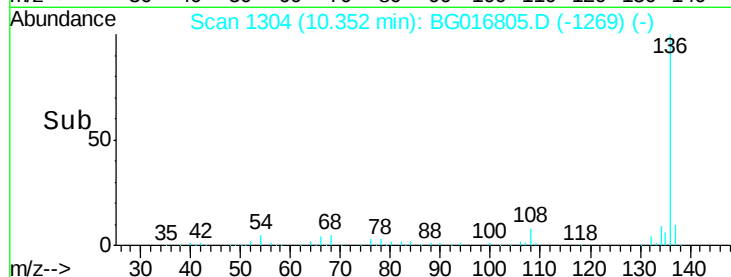
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG016805.D
Acq: 29 Apr 2015 18:56

Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

Tgt Ion:	136	Resp:	185590
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	5.1	4.3	6.5
68	4.8	4.3	6.5

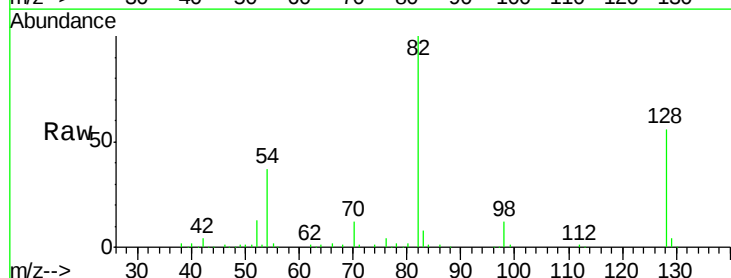


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

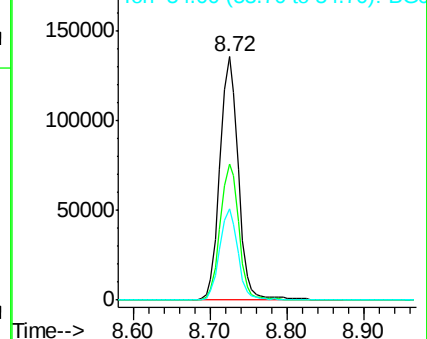
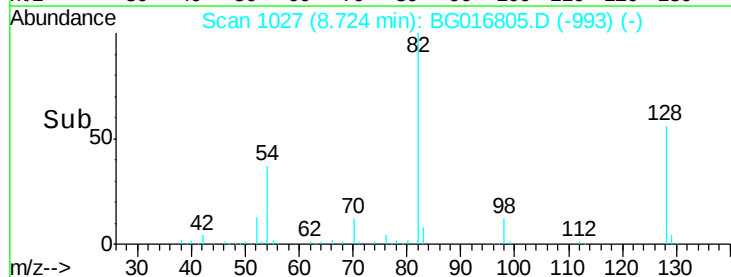


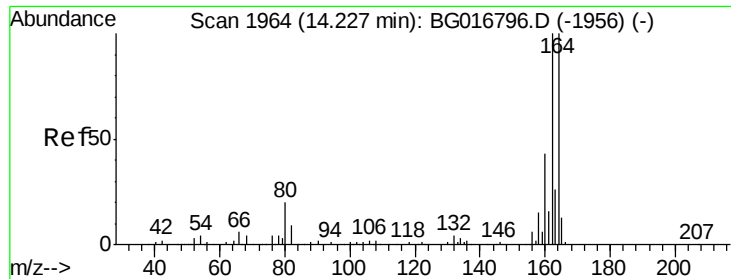
#23
Nitrobenzene-d5
Concen: 78.96 ng
RT: 8.72 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG016805.D
Acq: 29 Apr 2015 18:56

Tgt Ion:	82	Resp:	224948
Ion	Ratio	Lower	Upper
82	100		
128	56.1	46.3	69.5
54	37.4	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: BG016805.D

Acq: 29 Apr 2015 18:56

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP

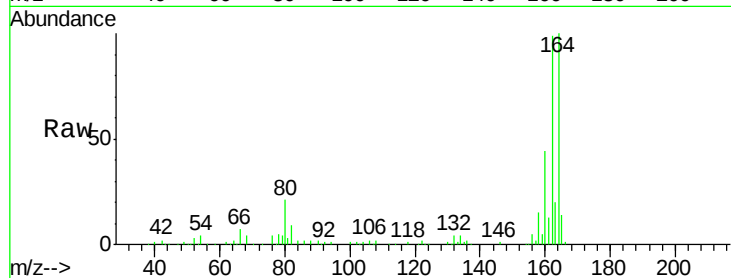
Tgt Ion:164 Resp: 115027

Ion Ratio Lower Upper

164 100

162 99.0 80.2 120.4

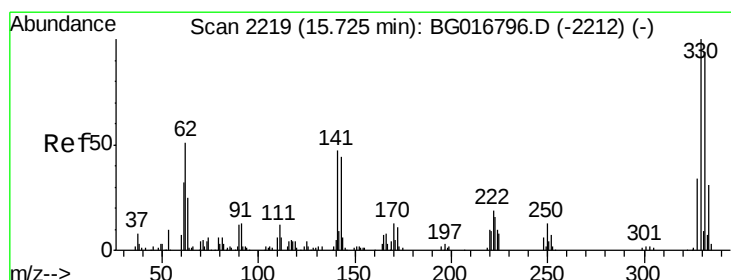
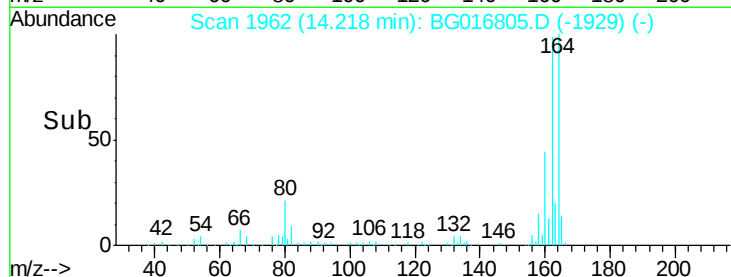
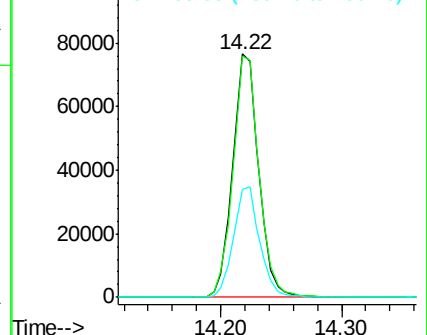
160 44.3 34.8 52.2



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: 131.93 ng

RT: 15.72 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG016805.D

Acq: 29 Apr 2015 18:56

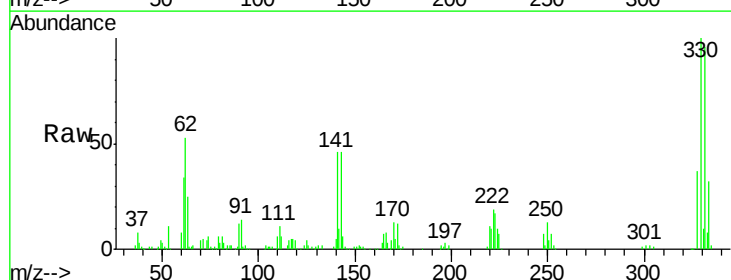
Tgt Ion:330 Resp: 113020

Ion Ratio Lower Upper

330 100

332 94.5 75.3 112.9

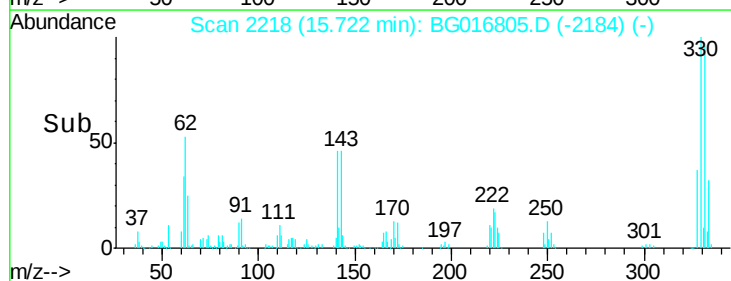
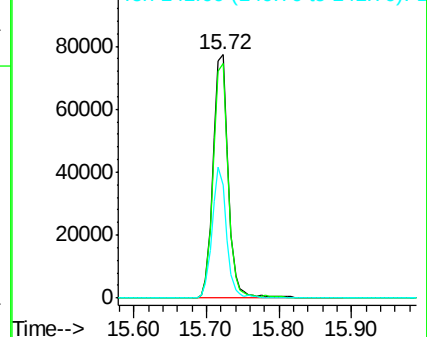
141 50.8 40.7 61.1

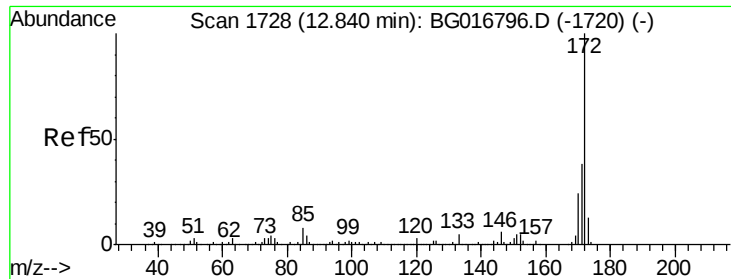


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

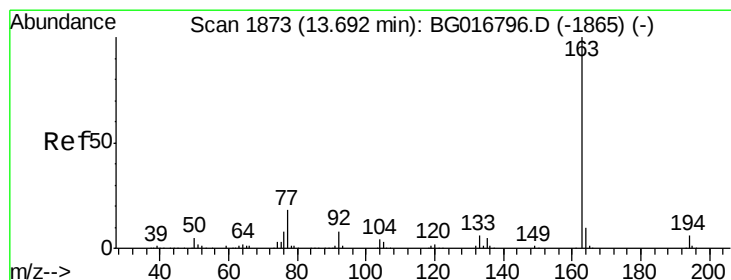
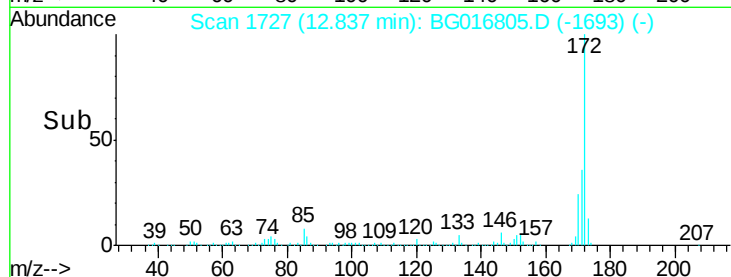
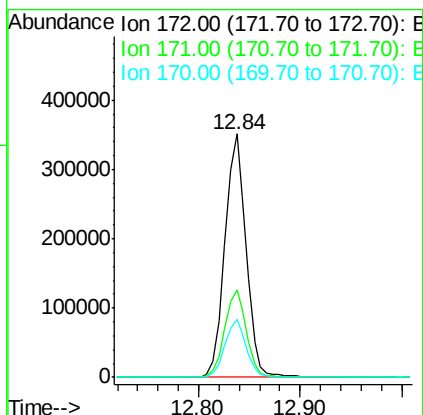
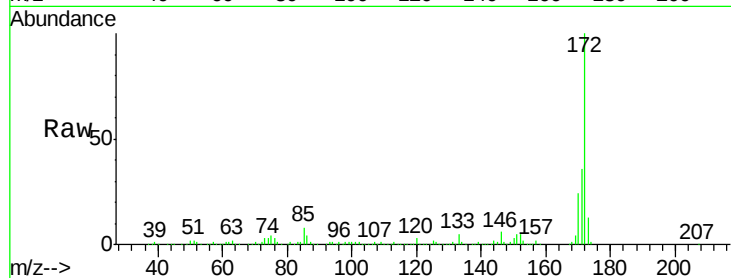




#44
2-Fluorobiphenyl
Concen: 68.57 ng
RT: 12.84 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BG016805.D
Acq: 29 Apr 2015 18:56

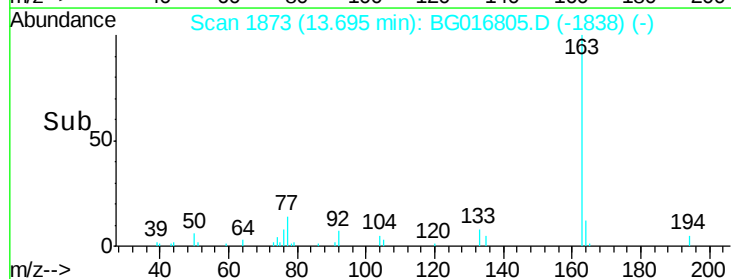
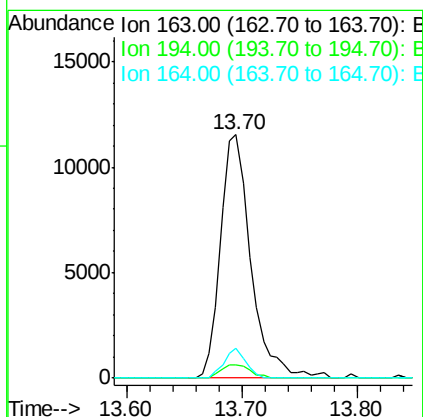
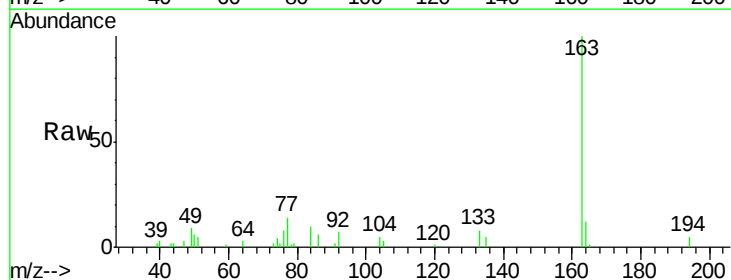
Instrument :
BNA_G
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SB-08-COMP

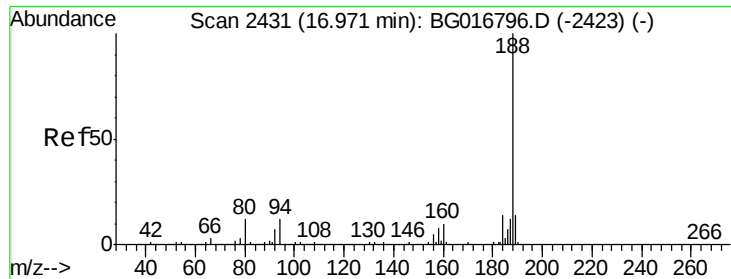
Tgt Ion:172 Resp: 509463
Ion Ratio Lower Upper
172 100
171 36.2 30.2 45.4
170 24.1 19.4 29.0



#49
Dimethylphthalate
Concen: 2.56 ng
RT: 13.70 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BG016805.D
Acq: 29 Apr 2015 18:56

Tgt Ion:163 Resp: 21099
Ion Ratio Lower Upper
163 100
194 5.5 4.7 7.1
164 12.0 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: BG016805.D

Acq: 29 Apr 2015 18:56

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP

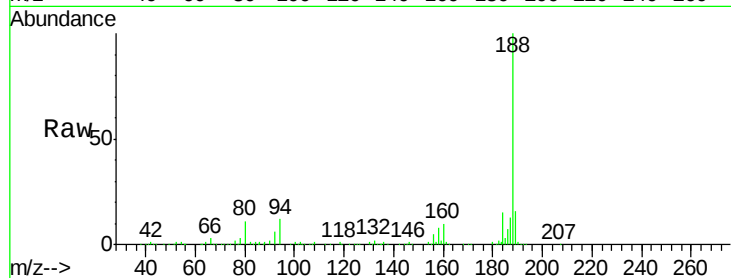
Tgt Ion:188 Resp: 258976

Ion Ratio Lower Upper

188 100

94 11.6 9.5 14.3

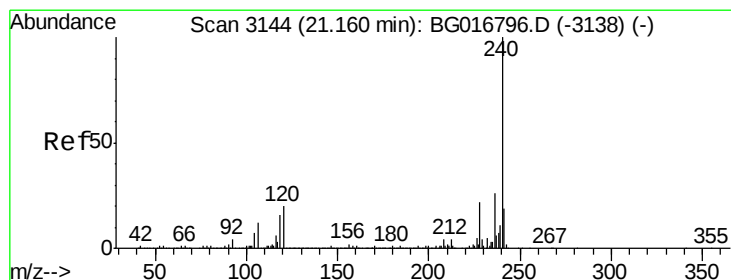
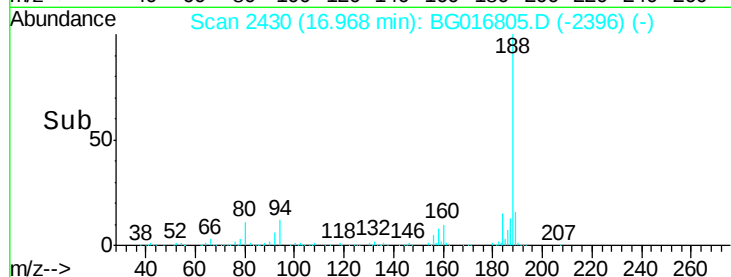
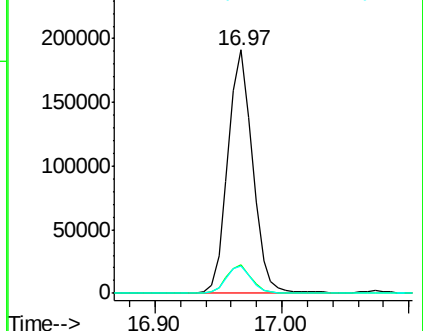
80 11.2 9.2 13.8



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: 21.16 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG016805.D

Acq: 29 Apr 2015 18:56

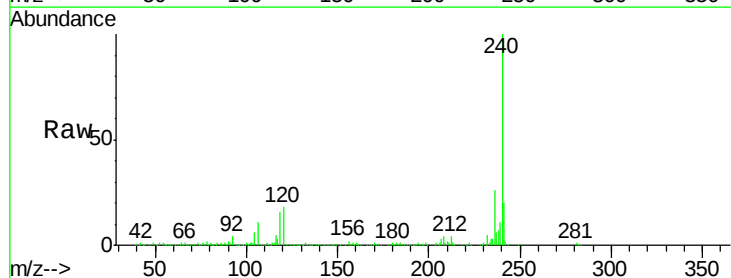
Tgt Ion:240 Resp: 246365

Ion Ratio Lower Upper

240 100

120 18.0 16.1 24.1

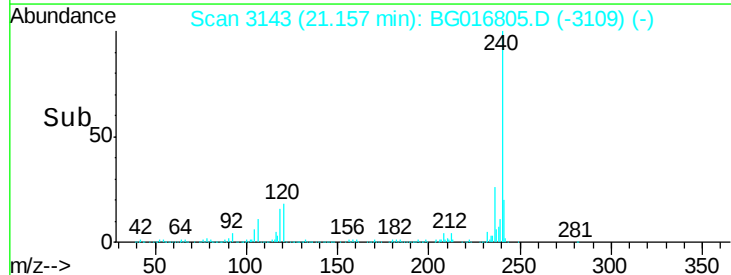
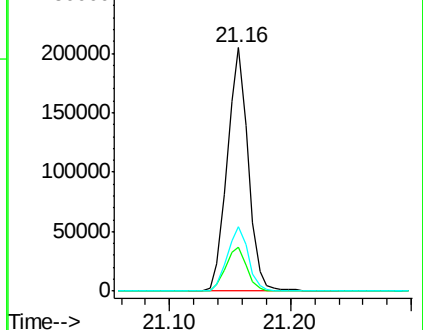
236 26.4 21.0 31.6

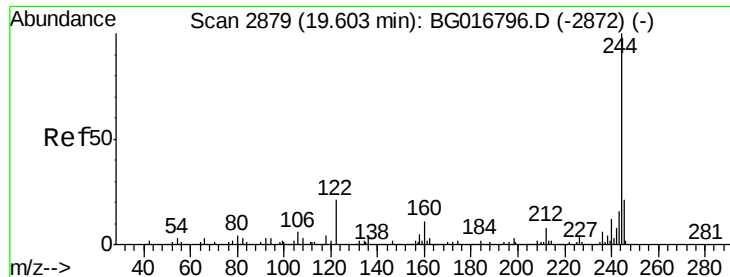


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.83 ng

RT: 19.61 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG016805.D

Acq: 29 Apr 2015 18:56

Instrument :

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SB-08-COMP

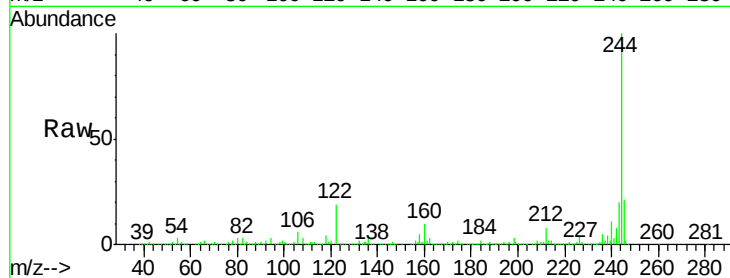
Tgt Ion:244 Resp: 743832

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

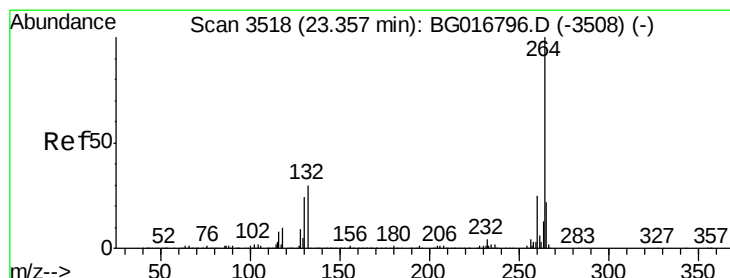
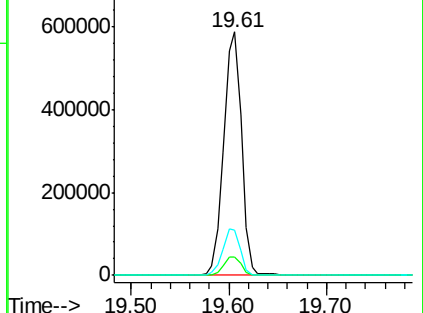
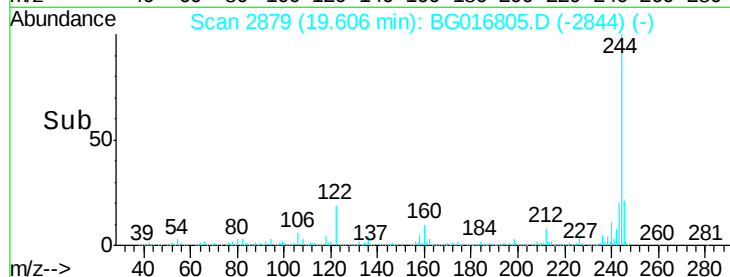
122 18.8 16.4 24.6



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: BG016805.D

Acq: 29 Apr 2015 18:56

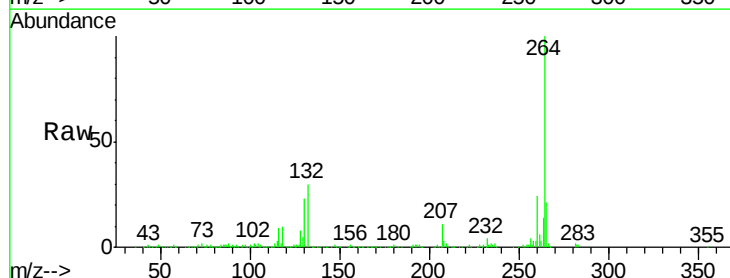
Tgt Ion:264 Resp: 230654

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 21.4 17.4 26.2



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

