

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
 Data File : BG020018.D
 Acq On : 8 Dec 2015 15:05
 Operator : UM/SJ
 Sample : G4684-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UST-5

Quant Time: Dec 09 04:04:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

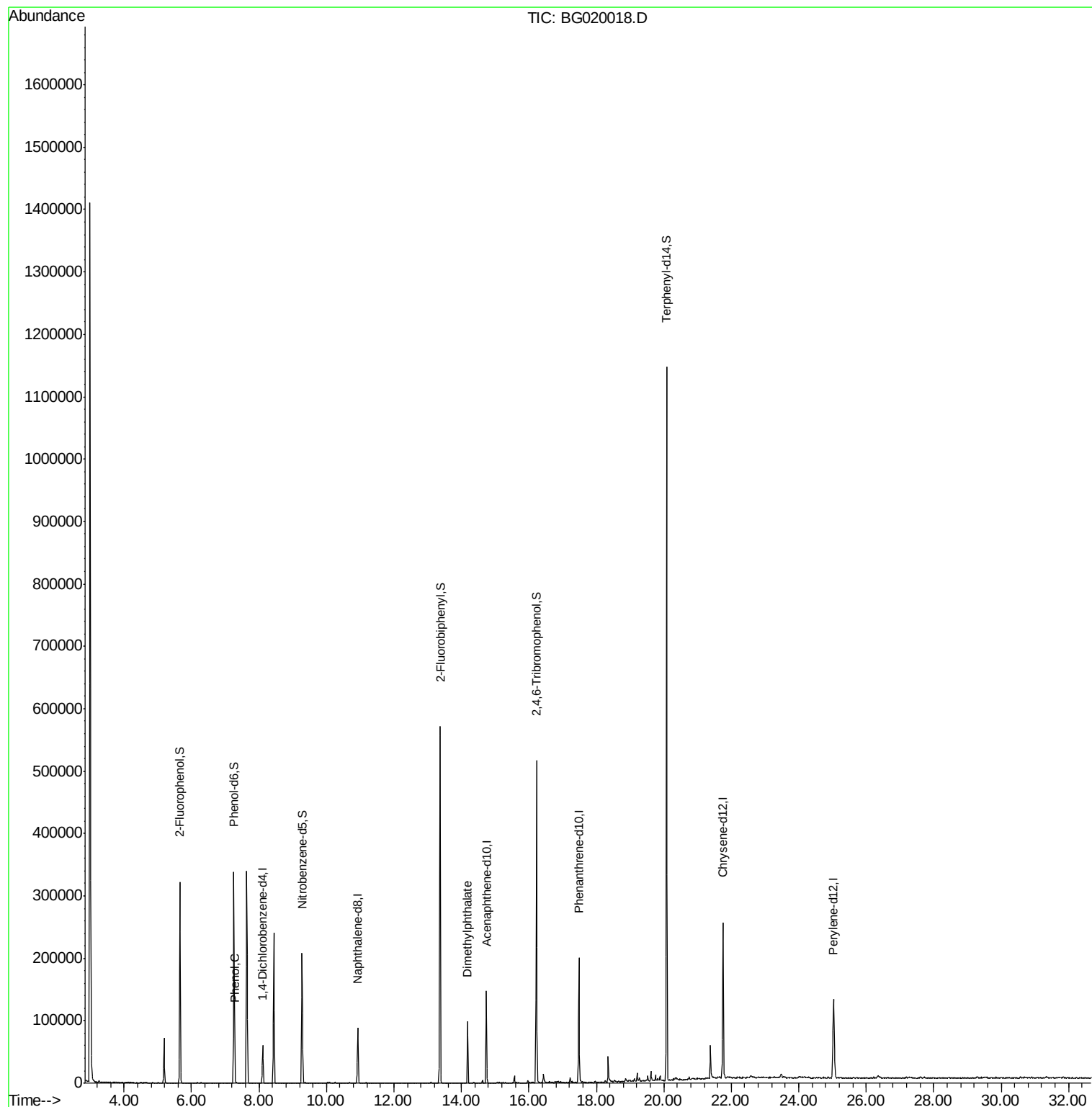
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17050	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	73376	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	51177	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	125056	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	156450	20.00	ng	-0.04
86) Perylene-d12	25.03	264	146659	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	134051	142.10	ng	0.00
7) Phenol-d6	7.26	99	195818	137.48	ng	-0.02
23) Nitrobenzene-d5	9.28	82	128499	89.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	97312	124.27	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	296921	79.22	ng	-0.02
78) Terphenyl-d14	20.08	244	501421	78.18	ng	-0.03
Target Compounds						
10) Phenol	7.29	94	3298	2.20	ng	Qvalue # 57
49) Dimethylphthalate	14.19	163	63858	13.87	ng	99

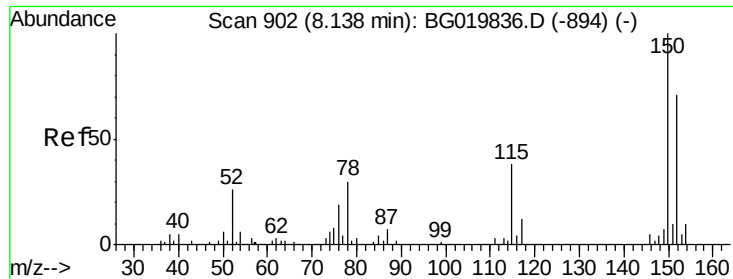
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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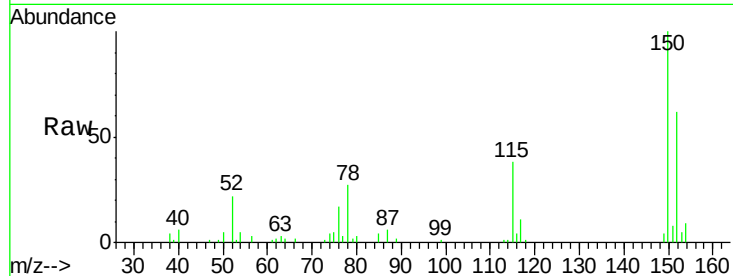


#1

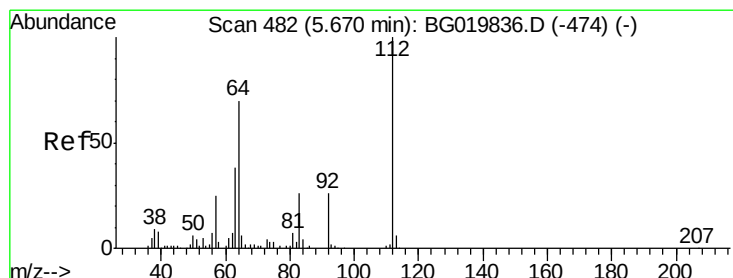
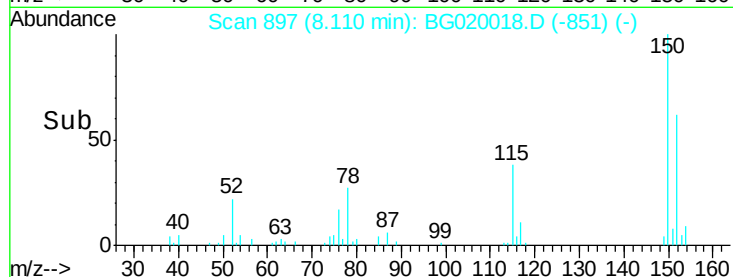
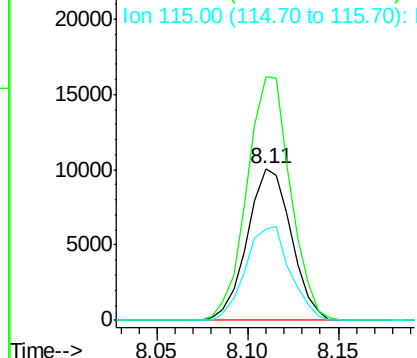
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Instrument :
BNA_G
ClientSampleId :
UST-5

Tgt Ion:152 Resp: 17050
Ion Ratio Lower Upper
152 100
150 160.6 115.0 172.4
115 60.5 43.9 65.9



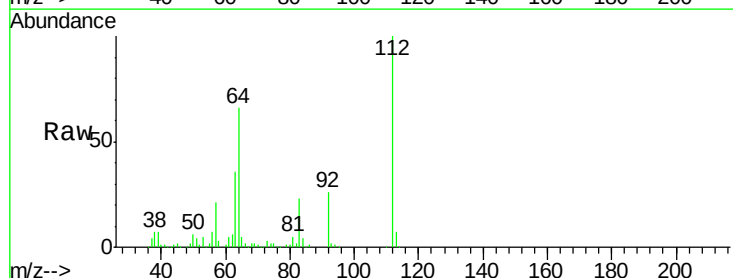
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



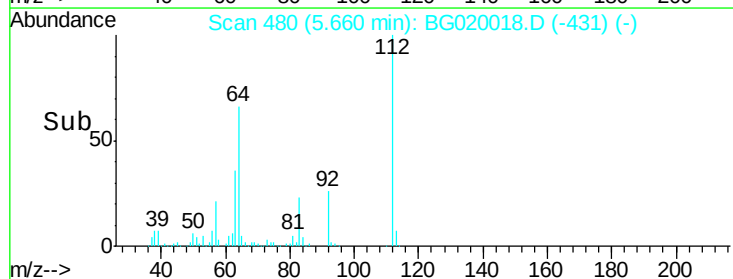
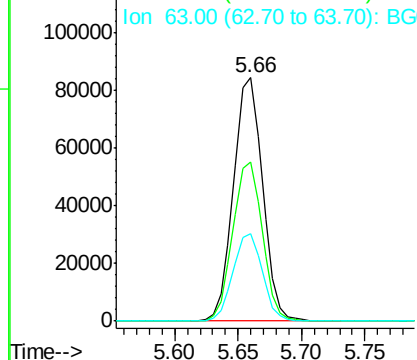
#5

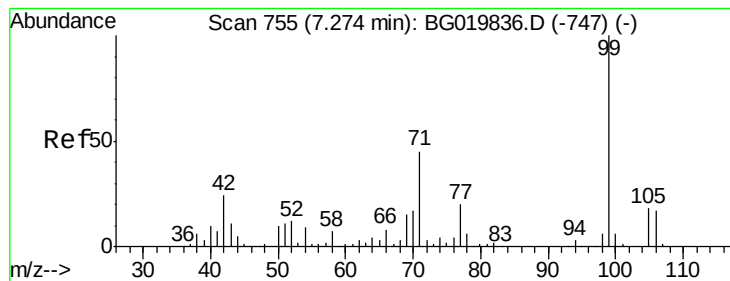
2-Fluorophenol
Concen: 142.10 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Tgt Ion:112 Resp: 134051
Ion Ratio Lower Upper
112 100
64 65.6 43.7 65.5#
63 35.8 24.0 36.0



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: 137.48 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020018.D

Acq: 8 Dec 2015 15:05

Instrument :

BNA_G

ClientSampled :

UST-5

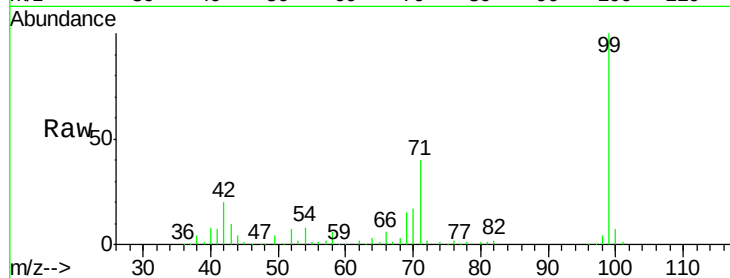
Tgt Ion: 99 Resp: 195818

Ion Ratio Lower Upper

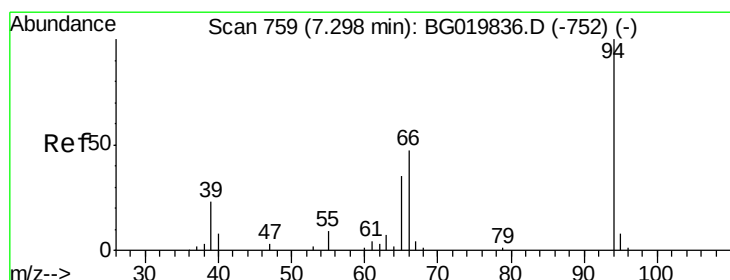
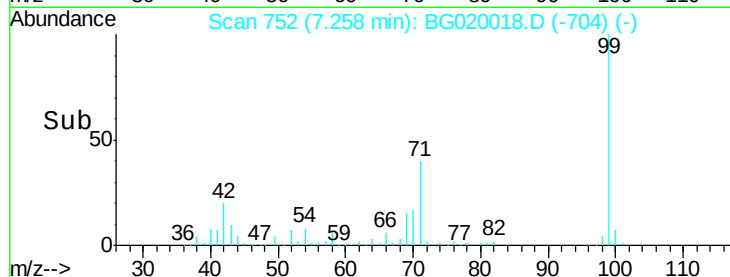
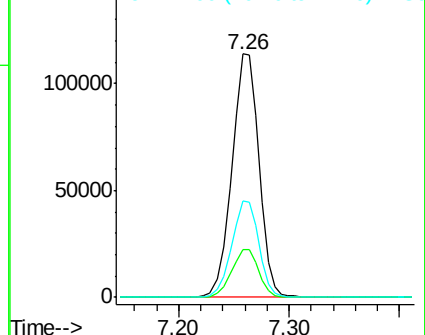
99 100

42 19.8 11.5 17.3#

71 39.6 22.6 34.0#



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: 2.20 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG020018.D

Acq: 8 Dec 2015 15:05

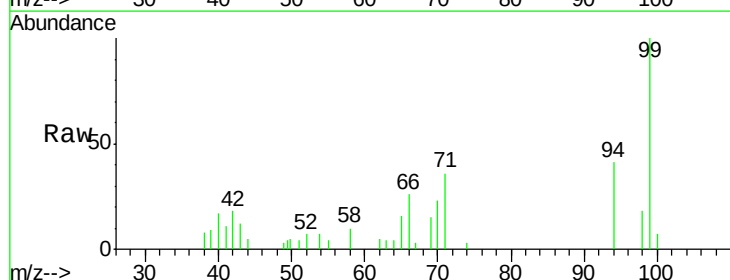
Tgt Ion: 94 Resp: 3298

Ion Ratio Lower Upper

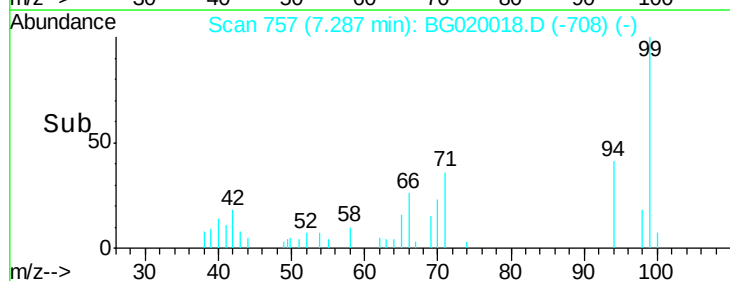
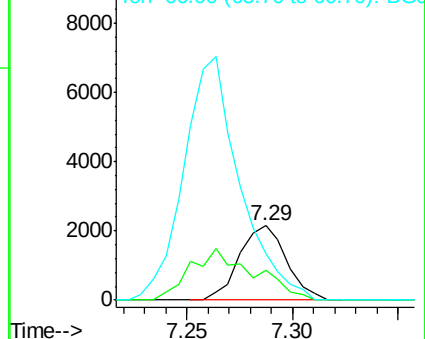
94 100

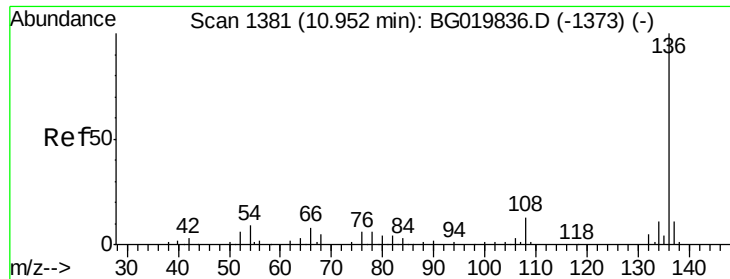
65 39.5 5.4 45.4

66 62.6 11.8 51.8#



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

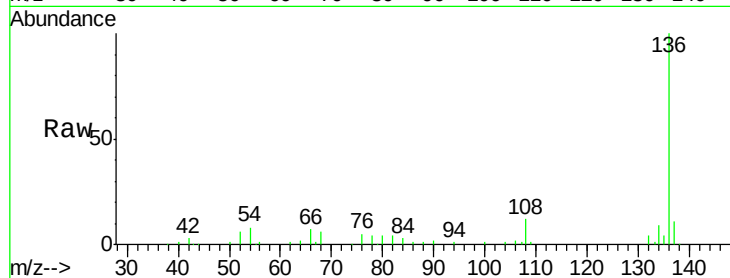




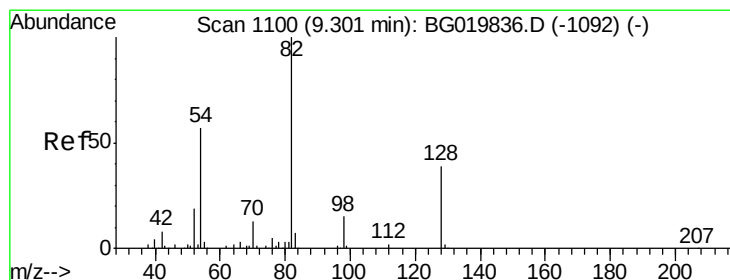
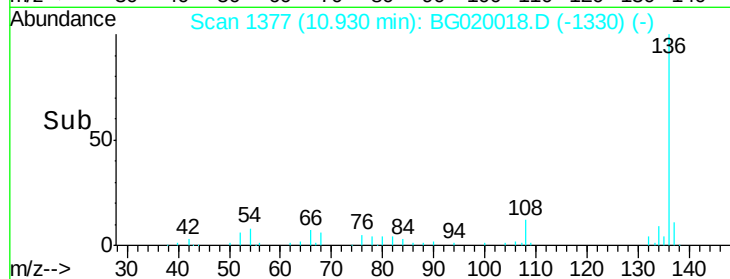
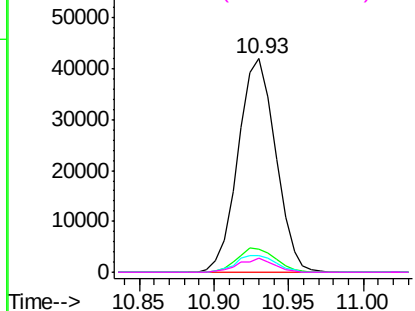
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Instrument :
BNA_G
ClientSampleId :
UST-5

Tgt Ion:	136	Resp:	73376
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.7	5.4	8.2
68	6.4	5.3	7.9

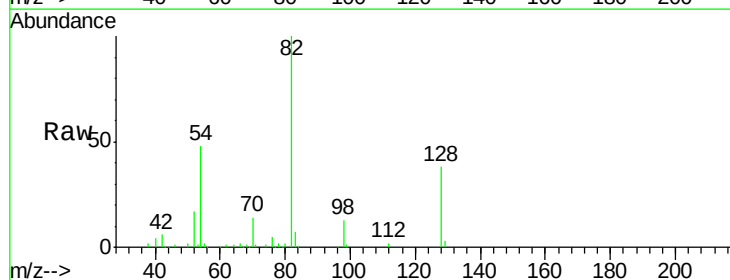


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

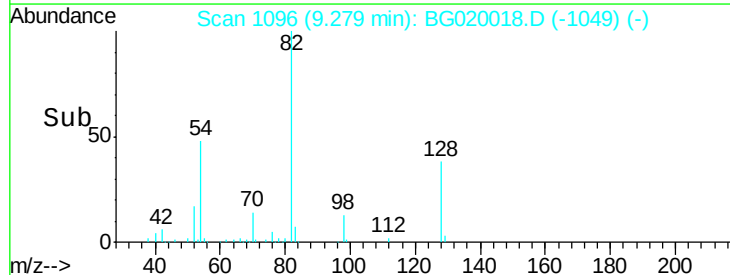
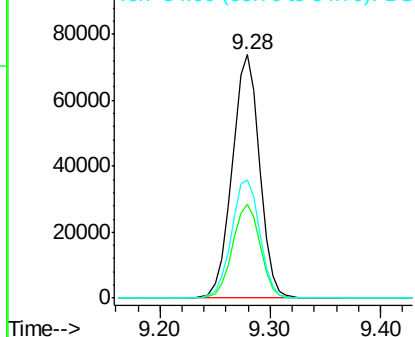


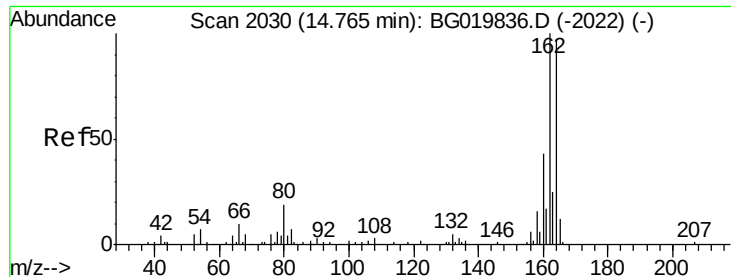
#23
Nitrobenzene-d5
Concen: 89.38 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Tgt Ion:	82	Resp:	128499
Ion	Ratio	Lower	Upper
82	100		
128	38.3	36.7	55.1
54	48.4	33.8	50.8



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

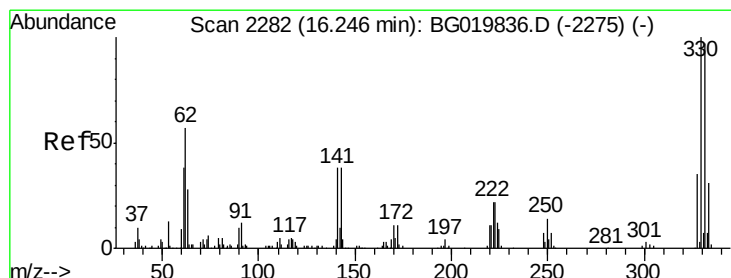
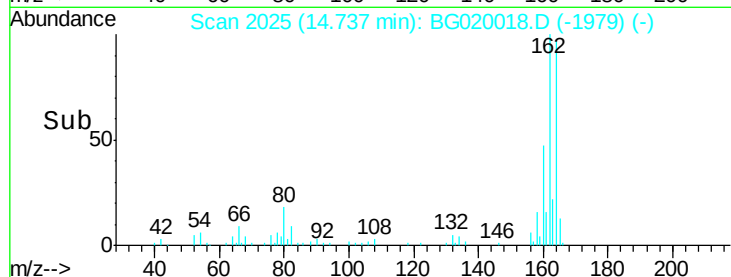
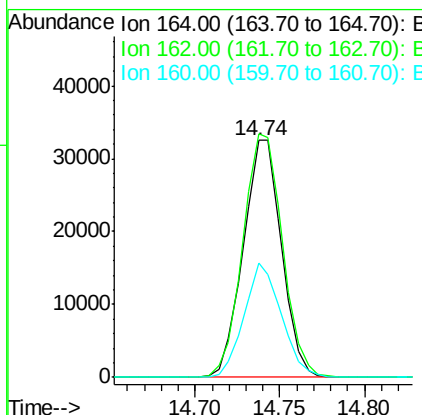
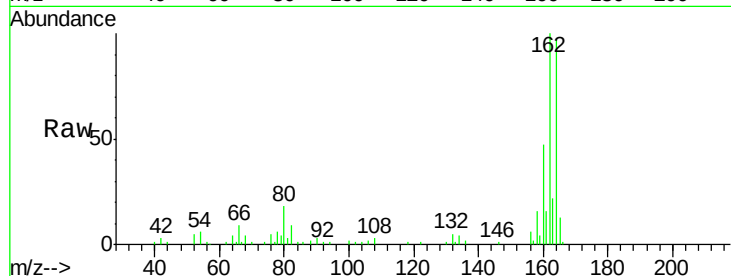




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

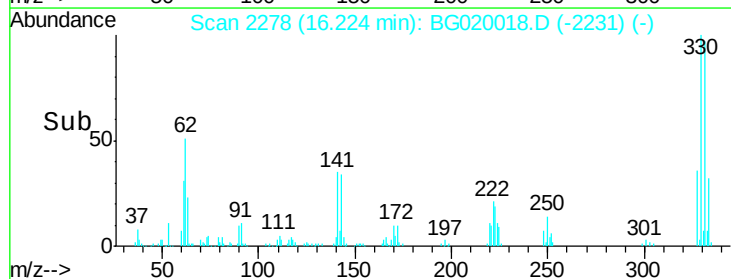
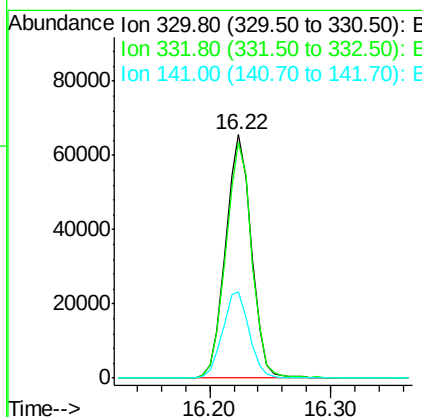
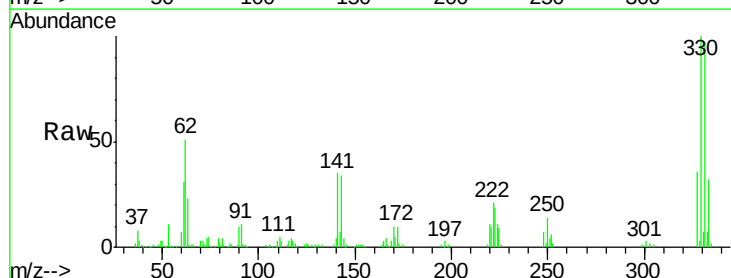
Instrument :
BNA_G
ClientSampleId :
UST-5

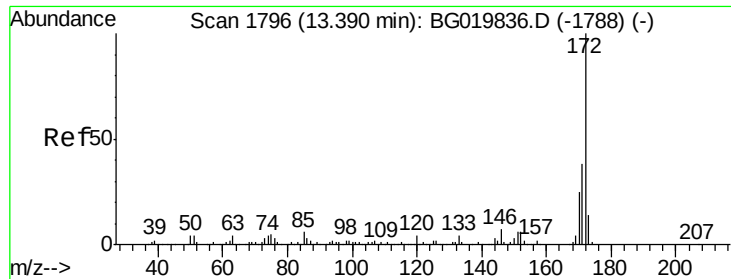
Tgt Ion:164 Resp: 51177
Ion Ratio Lower Upper
164 100
162 102.8 78.8 118.2
160 48.0 36.4 54.6



#41
2,4,6-Tribromophenol
Concen: 124.27 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Tgt Ion:330 Resp: 97312
Ion Ratio Lower Upper
330 100
332 97.2 78.1 117.1
141 36.3 28.2 42.2

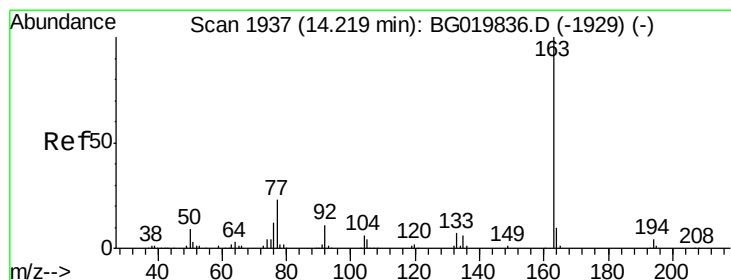
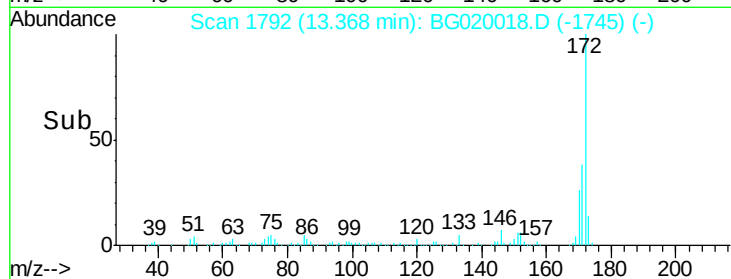
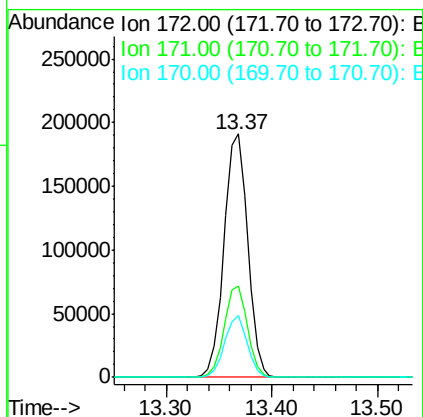
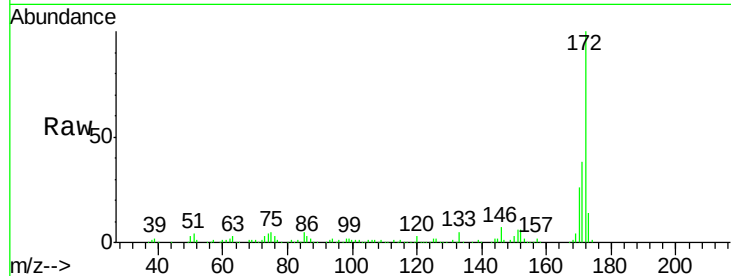




#44
2-Fluorobiphenyl
Concen: 79.22 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

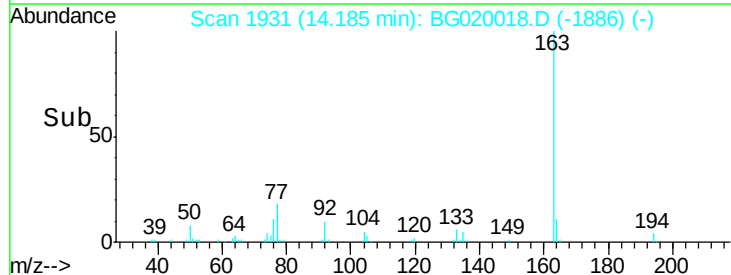
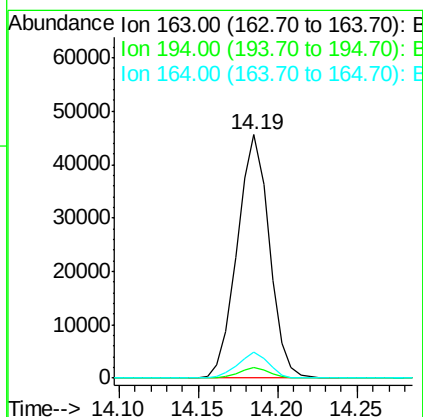
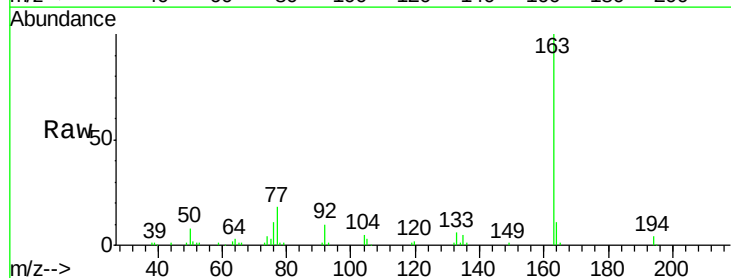
Instrument :
BNA_G
ClientSampled :
UST-5

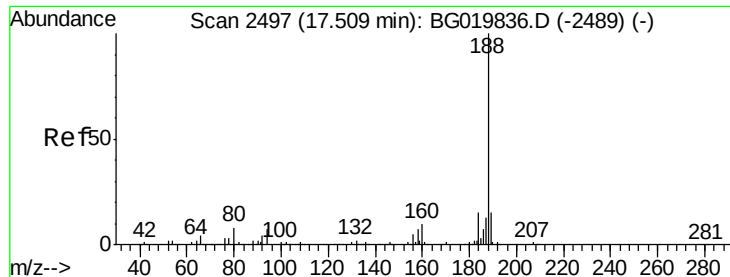
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.0	43.6
170	25.6	19.9	29.9



#49
Dimethylphthalate
Concen: 13.87 ng
RT: 14.19 min Scan# 1931
Delta R.T. -0.03 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.7	8.8	13.2

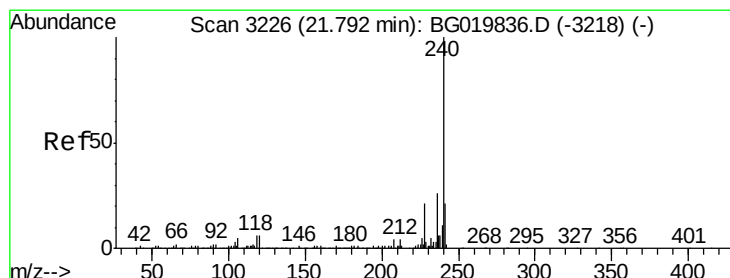
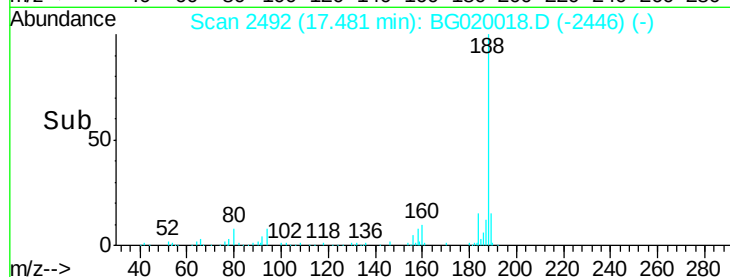
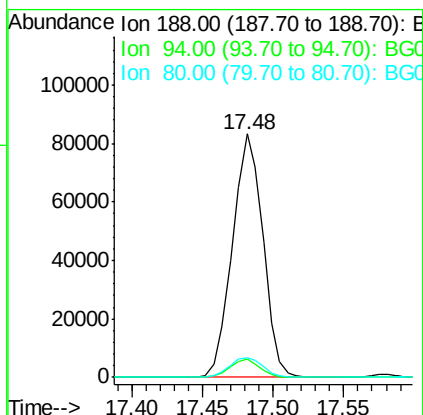
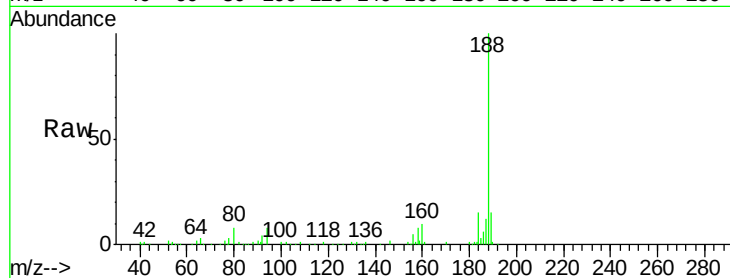




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

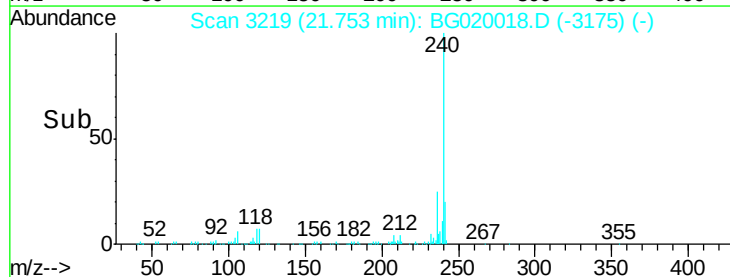
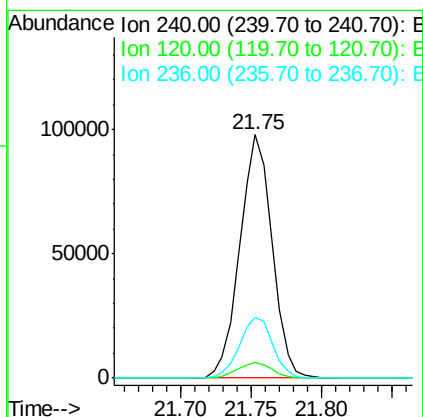
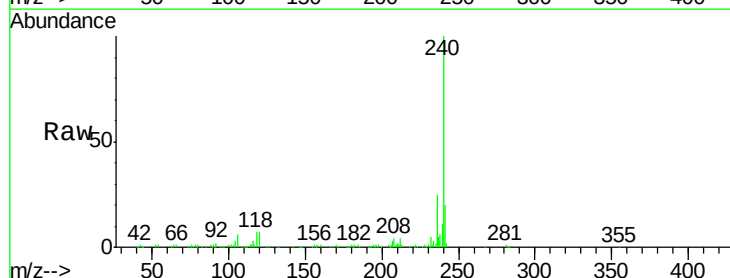
Instrument :
BNA_G
ClientSampled :
UST-5

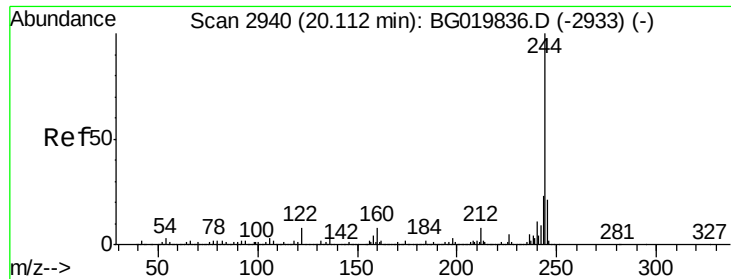
Tgt Ion:188 Resp: 125056
Ion Ratio Lower Upper
188 100
94 7.7 7.7 11.5
80 8.2 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Tgt Ion:240 Resp: 156450
Ion Ratio Lower Upper
240 100
120 6.6 7.4 11.0#
236 25.1 20.7 31.1

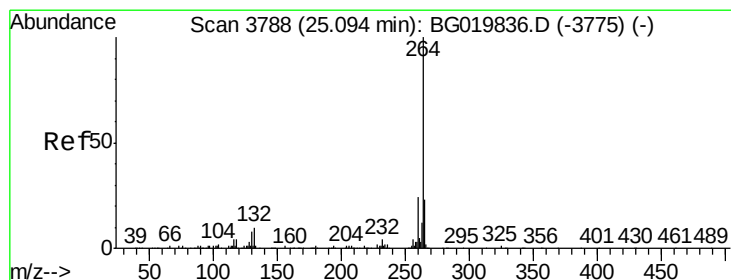
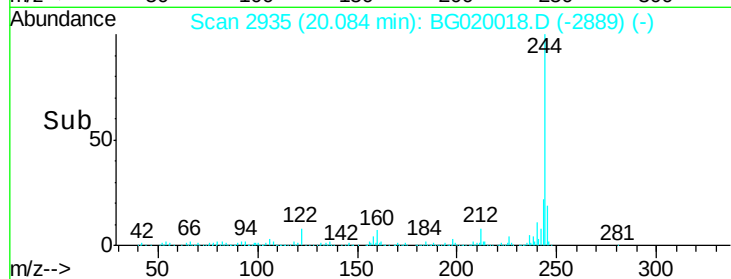
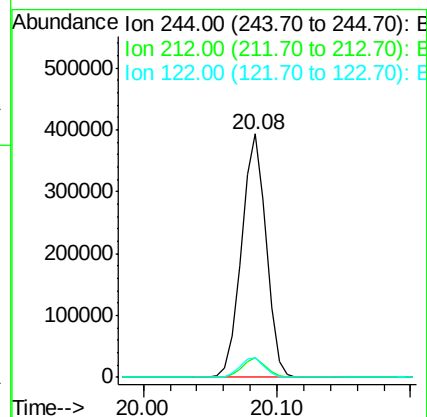
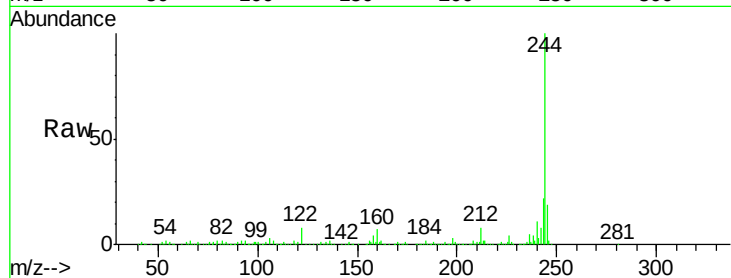




#78
 Terphenyl-d14
 Concen: 78.18 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.03 min
 Lab File: BG020018.D
 Acq: 8 Dec 2015 15:05

Instrument :
 BNA_G
 ClientSampleId :
 UST-5

Tgt Ion:244 Resp: 501421
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.9 10.3
 122 7.8 10.2 15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.06 min
 Lab File: BG020018.D
 Acq: 8 Dec 2015 15:05

Tgt Ion:264 Resp: 146659
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 21.0 17.2 25.8

