

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
 Data File : BG028783.D
 Acq On : 16 Sep 2017 2:43
 Operator : SJ/JU
 Sample : I5187-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170605-COMP-B

Quant Time: Sep 16 06:18:16 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

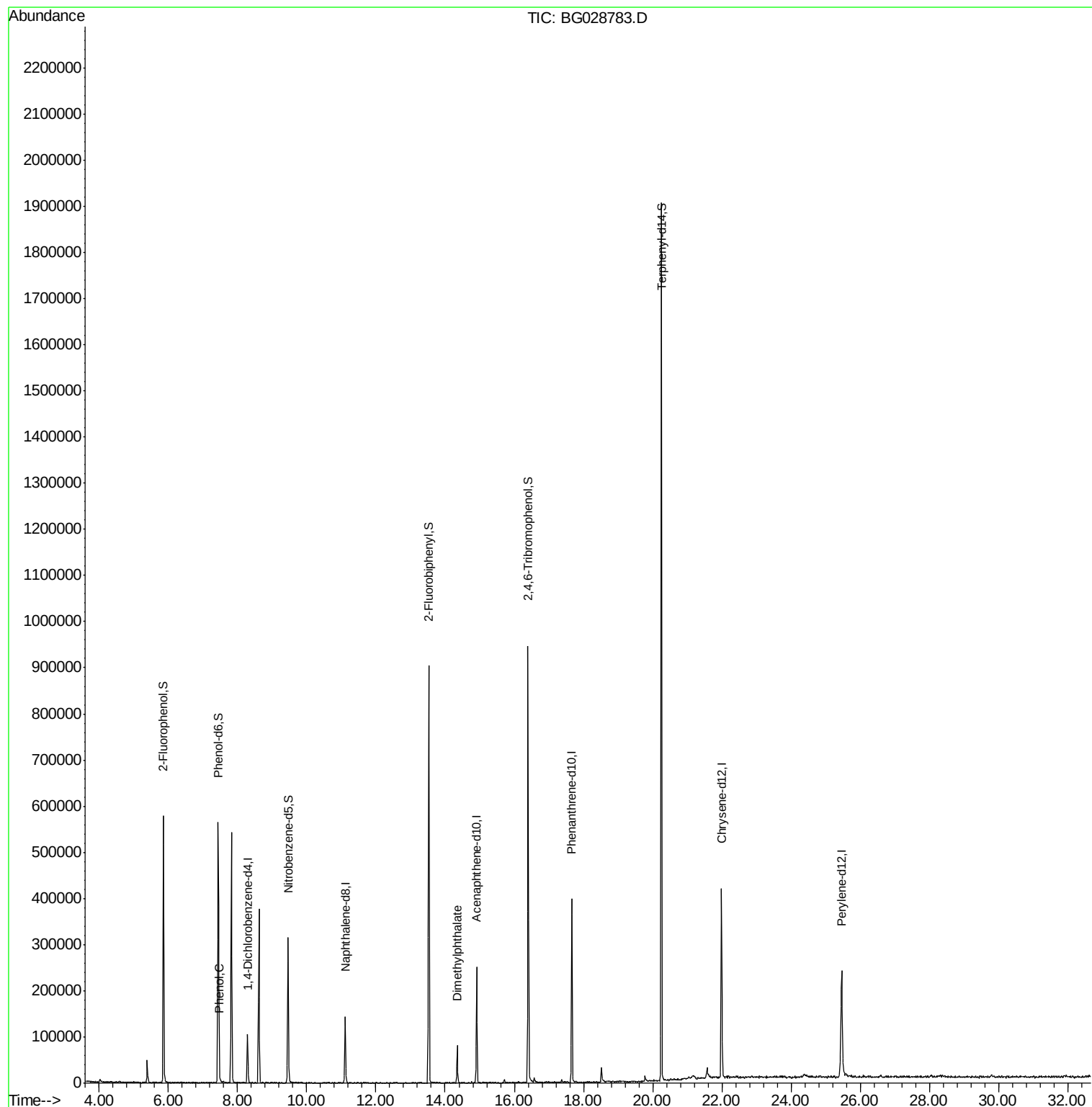
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30205	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	123370	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	92197	20.00	ng	-0.03
63) Phenanthrene-d10	17.66	188	260096	20.00	ng	-0.03
75) Chrysene-d12	21.99	240	289867	20.00	ng	-0.05
86) Perylene-d12	25.46	264	295264	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	248163	135.57	ng	-0.05
7) Phenol-d6	7.44	99	343116	124.49	ng	-0.05
23) Nitrobenzene-d5	9.46	82	209412	81.20	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	213314	139.89	ng	-0.03
44) 2-Fluorobiphenyl	13.53	172	513479	74.26	ng	-0.03
78) Terphenyl-d14	20.25	244	885919	65.18	ng	-0.03
Target Compounds						
10) Phenol	7.48	94	8590	2.953	ng	Qvalue 84
49) Dimethylphthalate	14.35	163	58727	7.596	ng	97

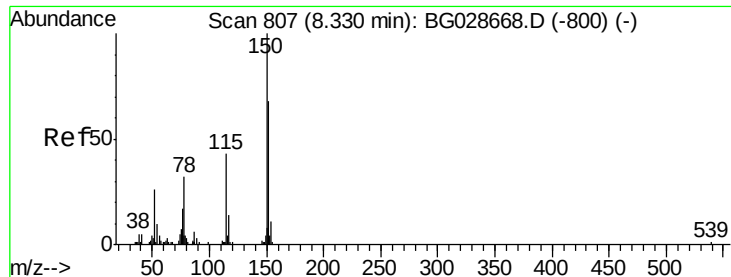
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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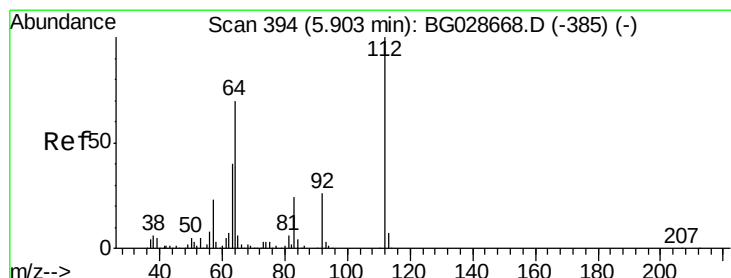
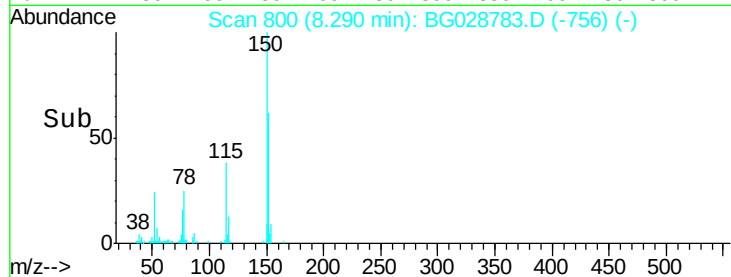
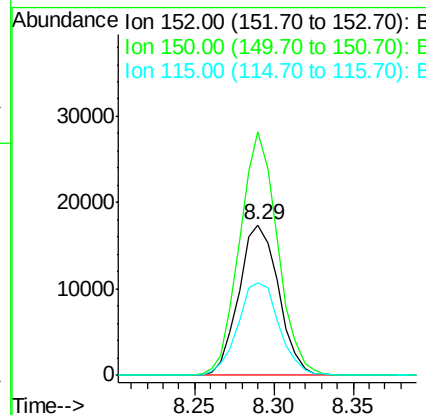
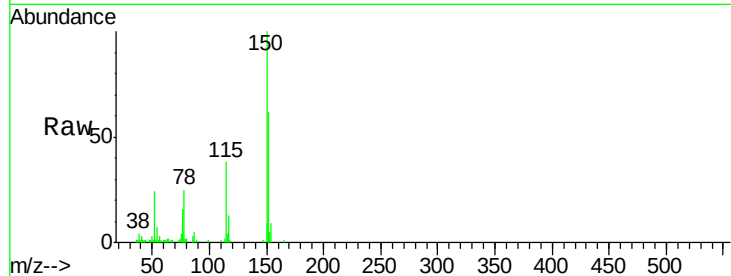


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028783.D
Acq: 16 Sep 2017 2:43

Instrument :
BNA_G
ClientSampleId :
20170605-COMP-B

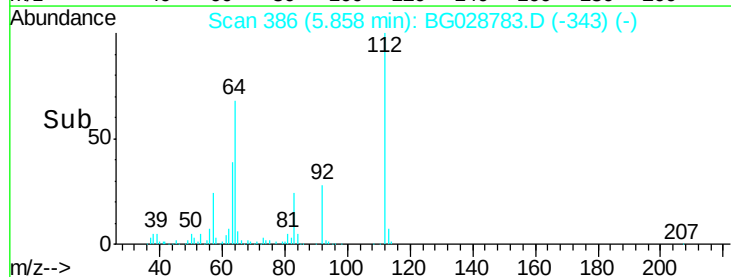
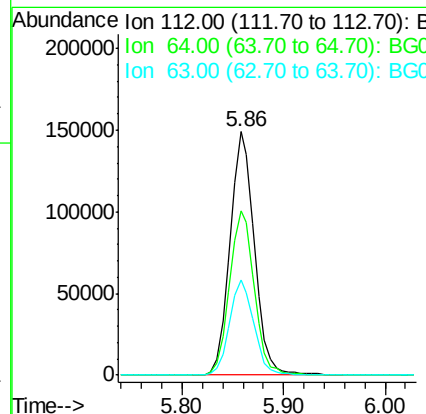
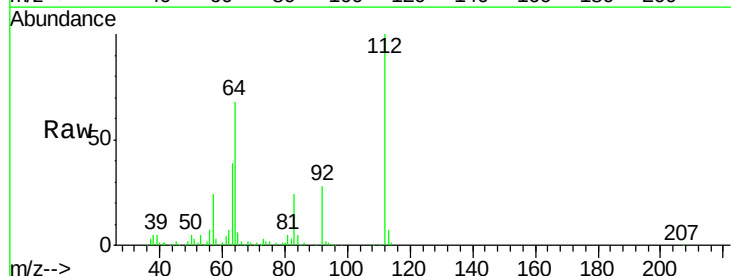
Tgt Ion:152 Resp: 30205
Ion Ratio Lower Upper
152 100
150 161.7 114.0 171.0
115 61.4 48.1 72.1

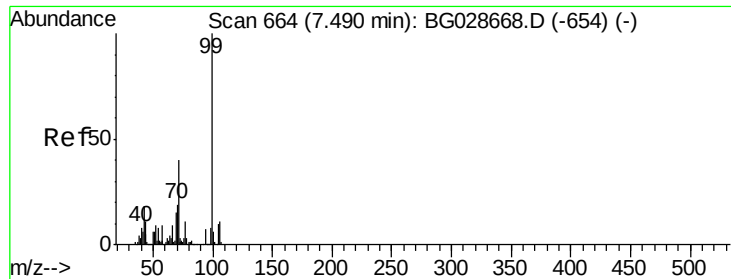


#5

2-Fluorophenol
Concen: 135.567 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028783.D
Acq: 16 Sep 2017 2:43

Tgt Ion:112 Resp: 248163
Ion Ratio Lower Upper
112 100
64 67.5 61.8 92.6
63 39.1 37.2 55.8





#7

Phenol-d6

Concen: 124.493 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028783.D

Acq: 16 Sep 2017 2:43

Instrument :

BNA_G

ClientSampleId :

20170605-COMP-B

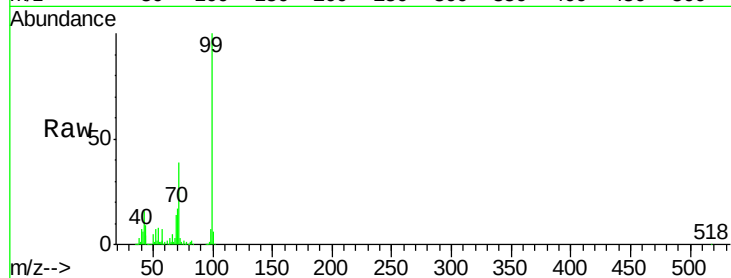
Tgt Ion: 99 Resp: 343116

Ion Ratio Lower Upper

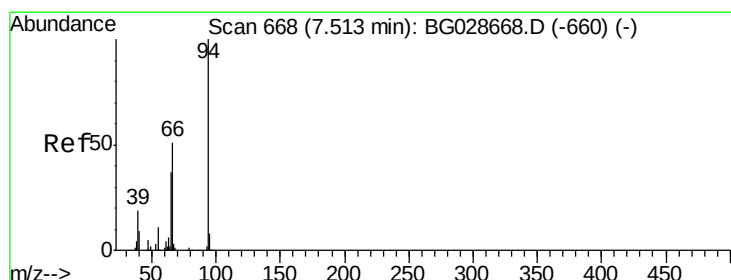
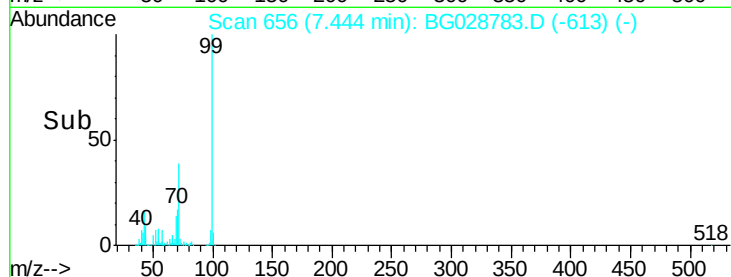
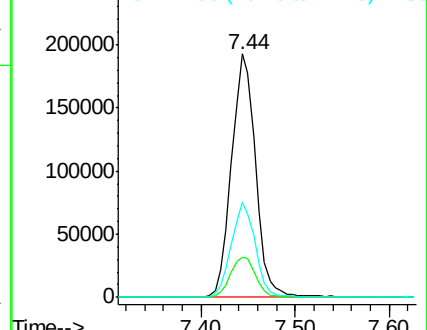
99 100

42 16.4 20.5 30.7#

71 39.3 37.6 56.4



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: 2.953 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.03 min

Lab File: BG028783.D

Acq: 16 Sep 2017 2:43

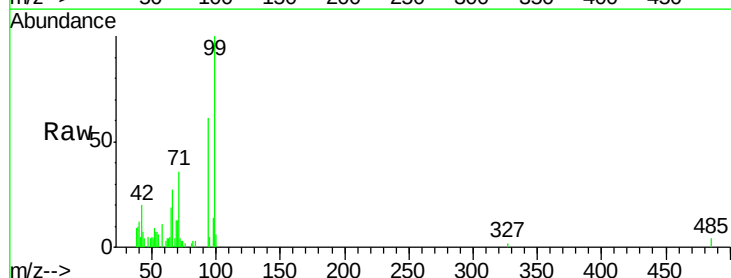
Tgt Ion: 94 Resp: 8590

Ion Ratio Lower Upper

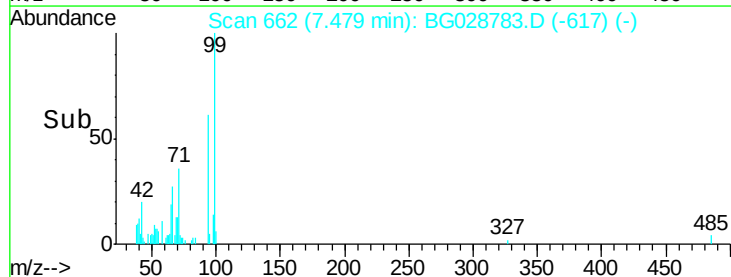
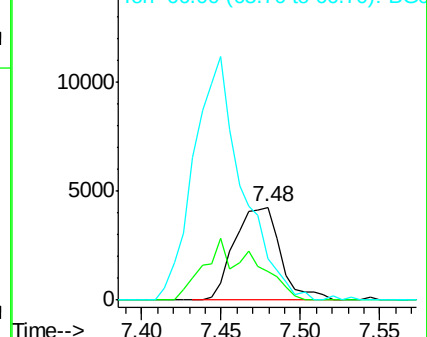
94 100

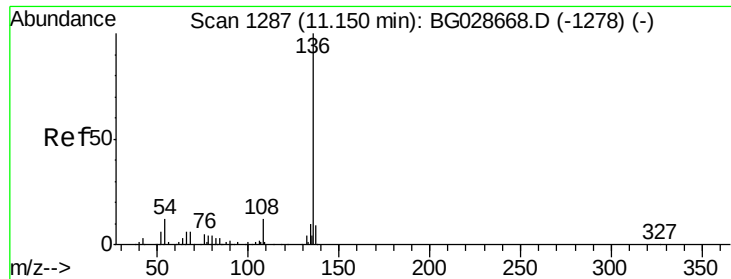
65 30.5 20.6 60.6

66 44.4 35.5 75.5



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: 20.000 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028783.D

Acq: 16 Sep 2017 2:43

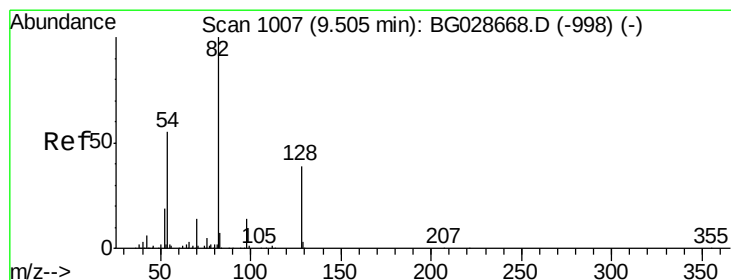
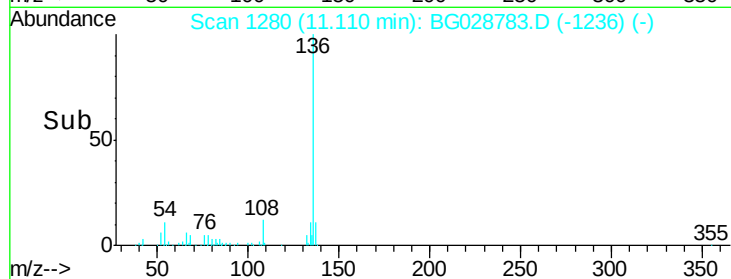
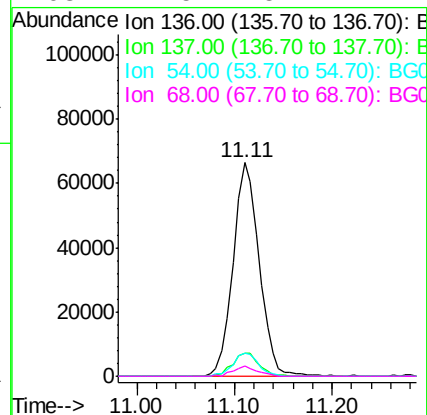
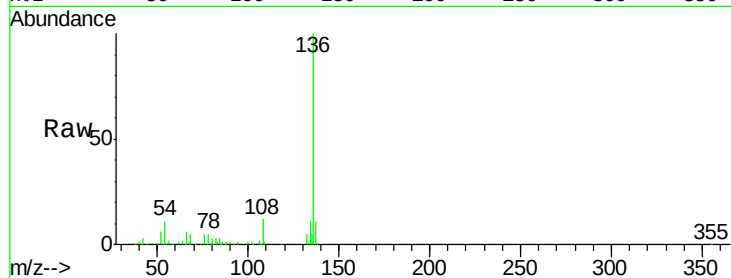
Instrument :

BNA_G

ClientSampleId :

20170605-COMP-B

Tgt Ion:	136	Resp:	123370
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.8	9.3	13.9
68	4.5	5.1	7.7#



#23

Nitrobenzene-d5

Concen: 81.201 ng

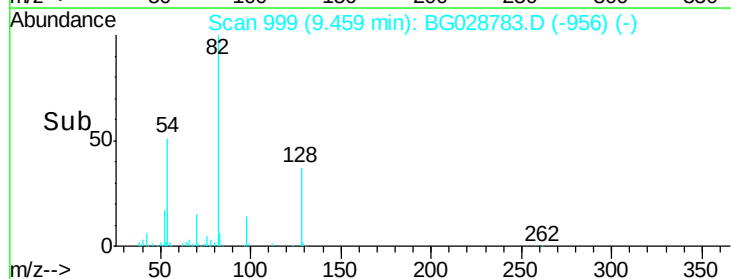
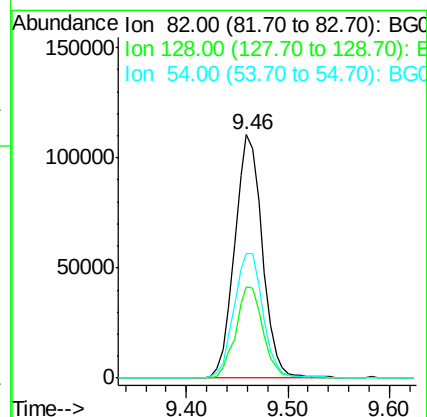
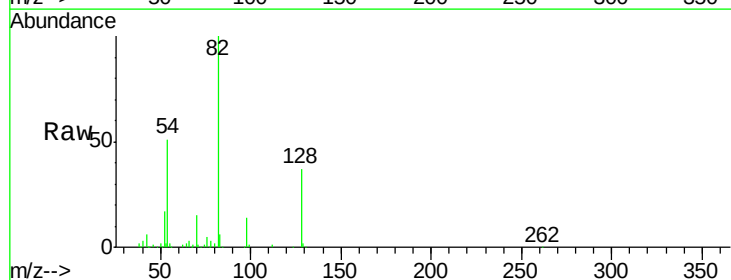
RT: 9.46 min Scan# 999

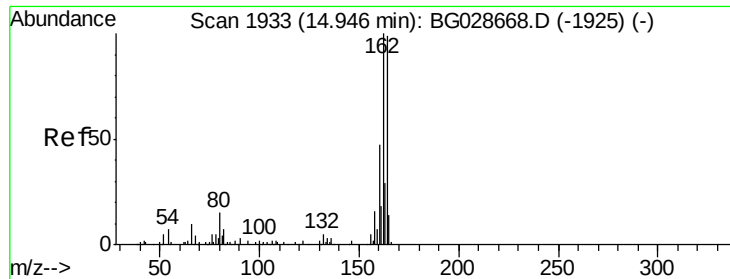
Delta R.T. -0.05 min

Lab File: BG028783.D

Acq: 16 Sep 2017 2:43

Tgt Ion:	82	Resp:	209412
Ion	Ratio	Lower	Upper
82	100		
128	37.5	26.4	39.6
54	51.0	49.4	74.2

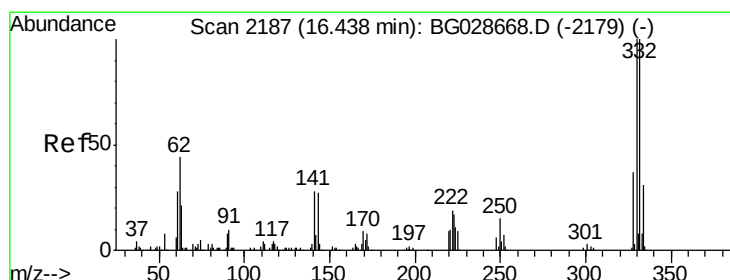
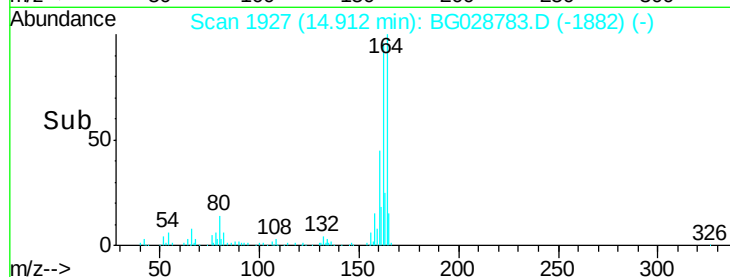
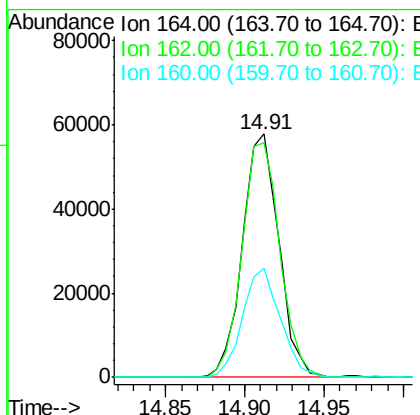
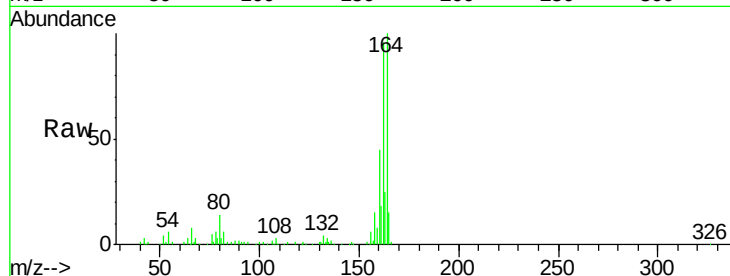




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.03 min
Lab File: BG028783.D
Acq: 16 Sep 2017 2:43

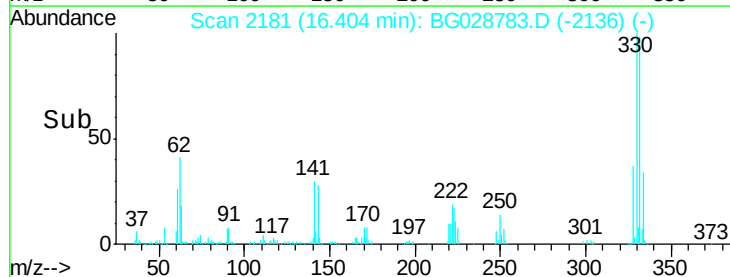
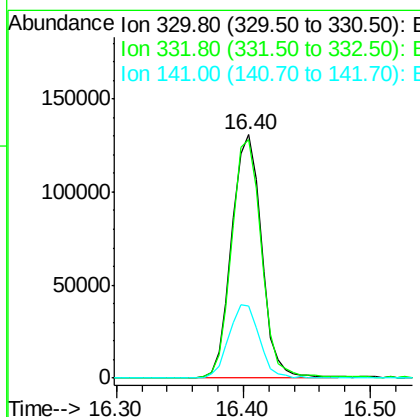
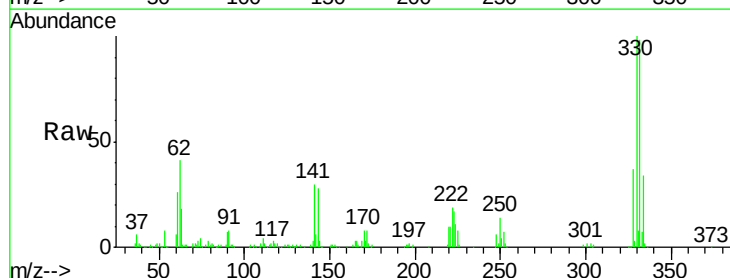
Instrument :
BNA_G
ClientSampleId :
20170605-COMP-B

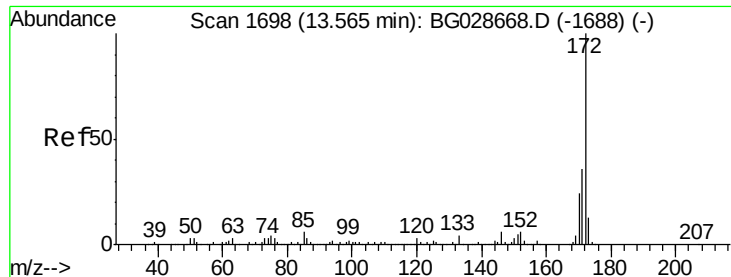
Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	85.1	127.7
160	44.9	34.7	52.1



#41
2,4,6-Tribromophenol
Concen: 139.889 ng
RT: 16.40 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG028783.D
Acq: 16 Sep 2017 2:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	30.9	32.1	48.1

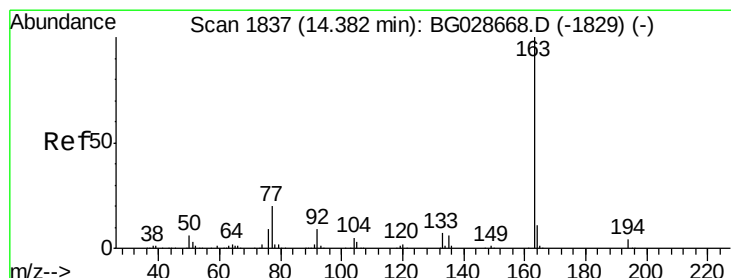
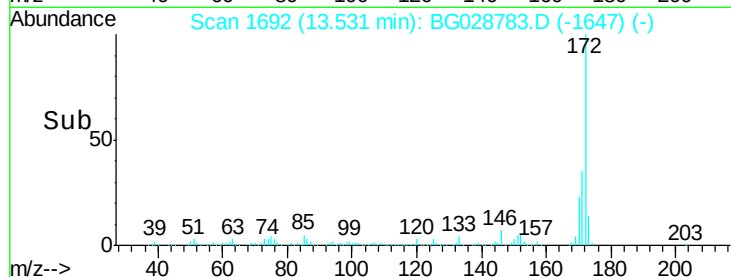
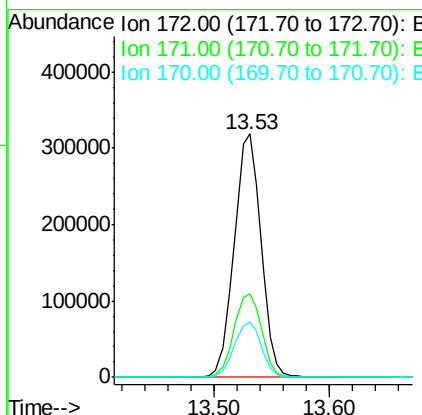
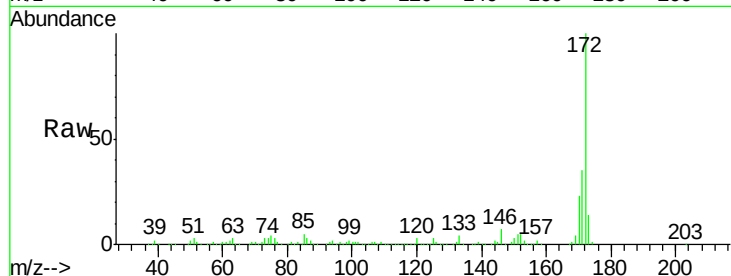




#44
2-Fluorobiphenyl
Concen: 74.263 ng
RT: 13.53 min Scan# 1692
Delta R.T. -0.03 min
Lab File: BG028783.D
Acq: 16 Sep 2017 2:43

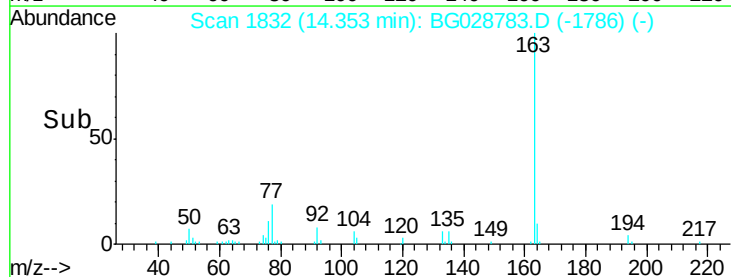
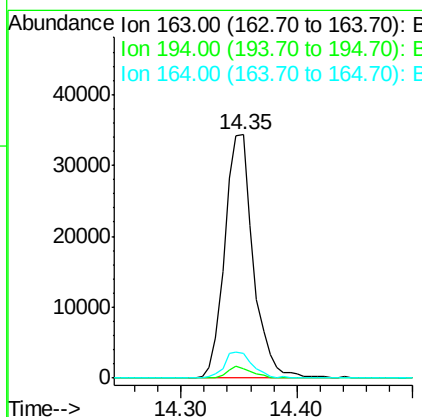
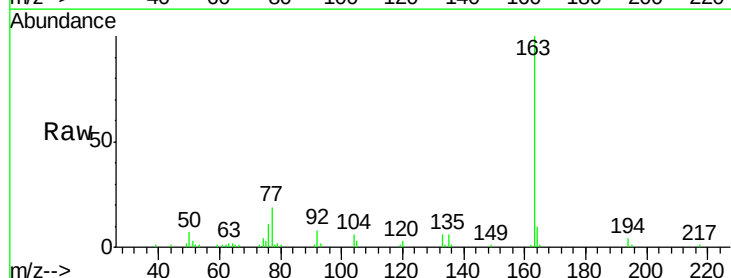
Instrument :
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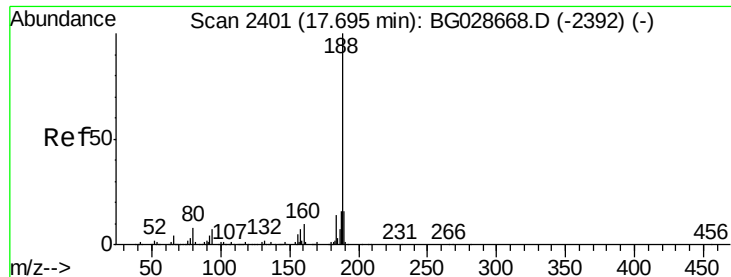
Tgt Ion:172 Resp: 513479
Ion Ratio Lower Upper
172 100
171 34.6 32.2 48.2
170 22.6 21.8 32.6



#49
Dimethylphthalate
Concen: 7.596 ng
RT: 14.35 min Scan# 1832
Delta R.T. -0.03 min
Lab File: BG028783.D
Acq: 16 Sep 2017 2:43

Tgt Ion:163 Resp: 58727
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.6
164 10.1 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.03 min

Lab File: BG028783.D

Acq: 16 Sep 2017 2:43

Instrument :

BNA_G

ClientSampleId :

20170605-COMP-B

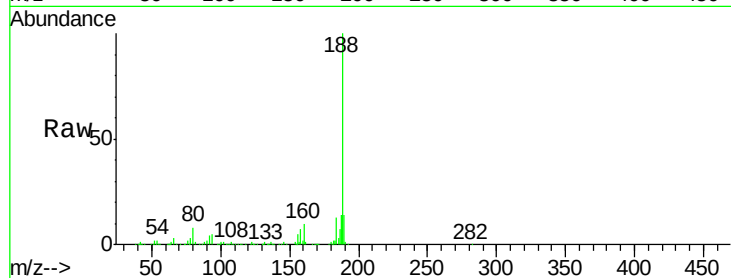
Tgt Ion:188 Resp: 260096

Ion Ratio Lower Upper

188 100

94 5.2 5.8 8.8#

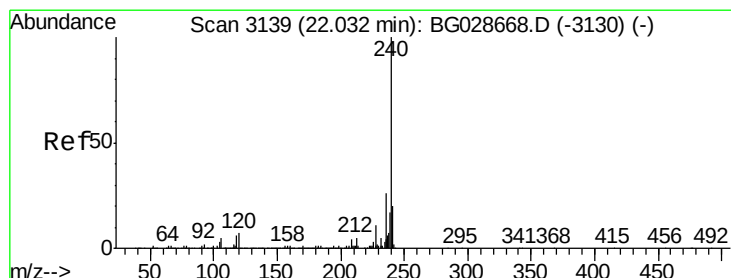
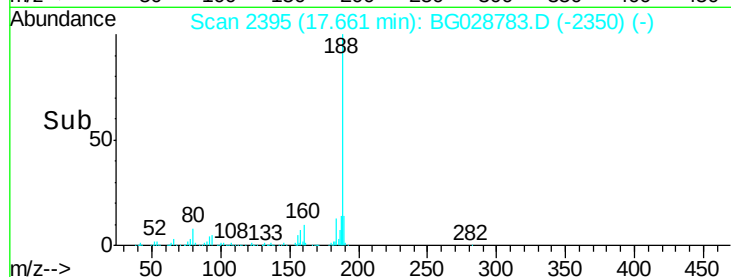
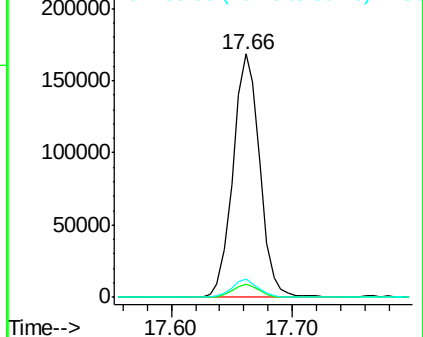
80 7.6 7.5 11.3



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: 20.000 ng

RT: 21.99 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028783.D

Acq: 16 Sep 2017 2:43

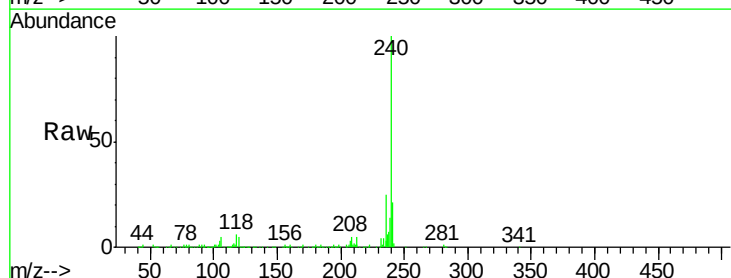
Tgt Ion:240 Resp: 289867

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

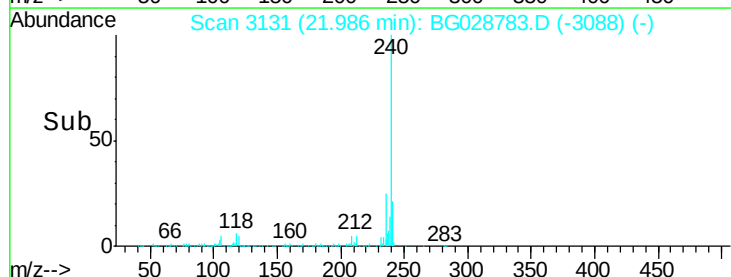
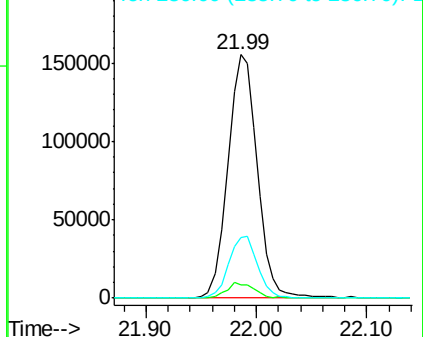
236 25.0 22.2 33.4

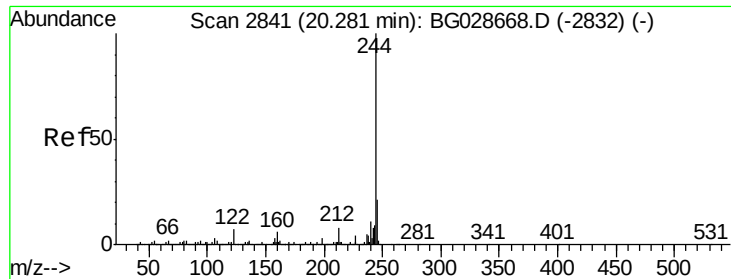


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.177 ng

RT: 20.25 min Scan# 2836

Delta R.T. -0.03 min

Lab File: BG028783.D

Acq: 16 Sep 2017 2:43

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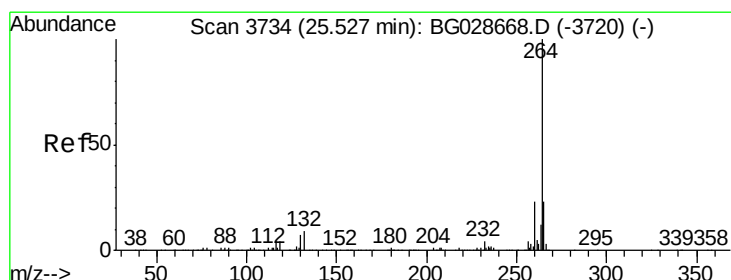
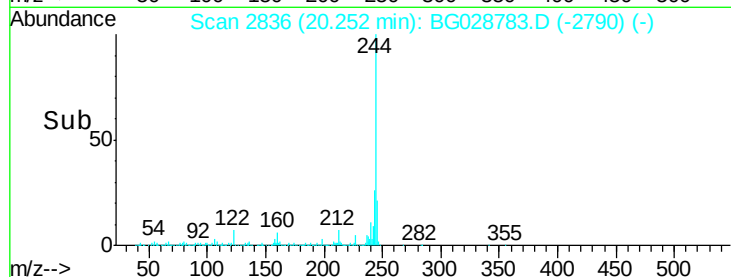
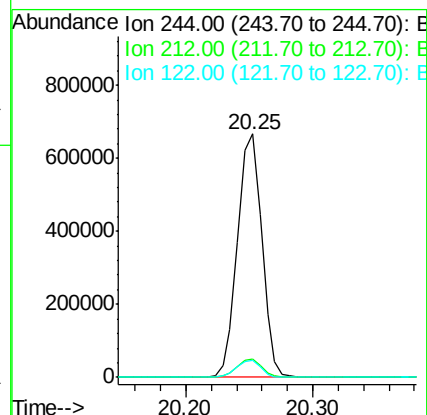
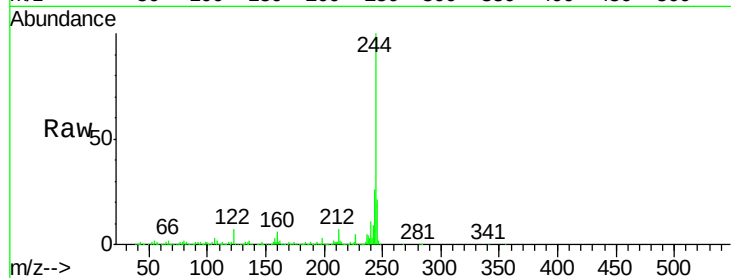
Tgt Ion:244 Resp: 885919

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

122 7.2 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.46 min Scan# 3722

Delta R.T. -0.07 min

Lab File: BG028783.D

Acq: 16 Sep 2017 2:43

Tgt Ion:264 Resp: 295264

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 23.8 18.2 27.4

