

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024675.D
 Acq On : 4 Nov 2016 10:10
 Operator : UM/SJ
 Sample : H5509-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-94-19.5-20.0

Quant Time: Nov 04 11:39:31 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

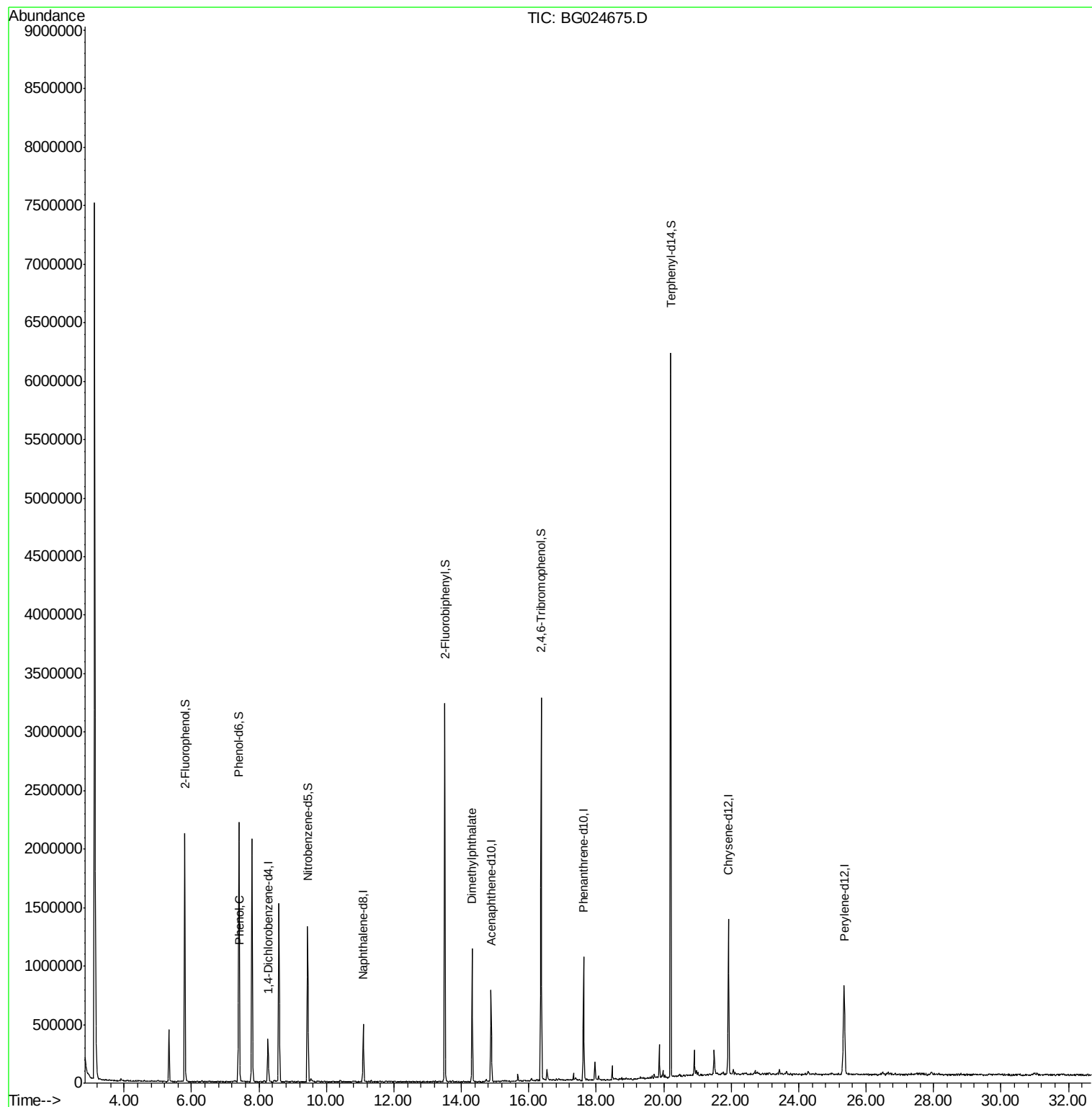
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	95247	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	386374	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	290173	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	661253	20.00	ng	0.00
75) Chrysene-d12	21.92	240	905240	20.00	ng	-0.01
86) Perylene-d12	25.35	264	937850	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	845488	145.49	ng	0.00
7) Phenol-d6	7.40	99	1206382	151.34	ng	0.00
23) Nitrobenzene-d5	9.44	82	849954	100.16	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	657558	151.68	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1629382	93.33	ng	0.00
78) Terphenyl-d14	20.21	244	2633998	86.95	ng	0.00
Target Compounds						
10) Phenol	7.43	94	21463	2.61	ng	Qvalue # 75
49) Dimethylphthalate	14.32	163	670382	32.54	ng	98

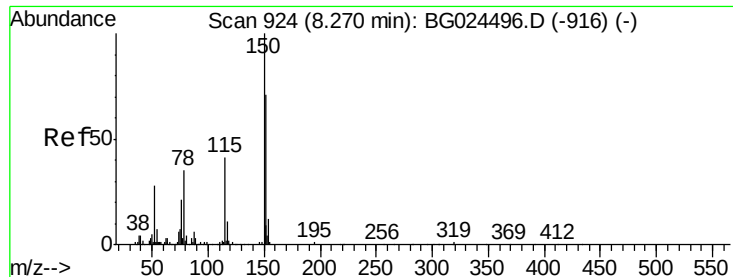
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024675.D

Acq: 4 Nov 2016 10:10

Instrument :

BNA_G

ClientSampleId :

SB-94-19.5-20.0

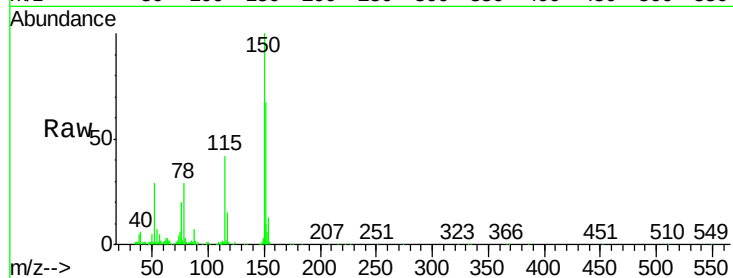
Tgt Ion:152 Resp: 95247

Ion Ratio Lower Upper

152 100

150 150.0 114.0 171.0

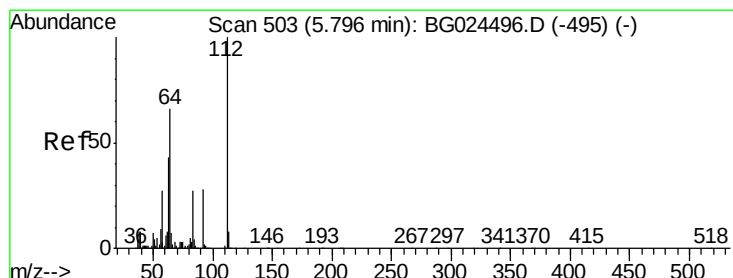
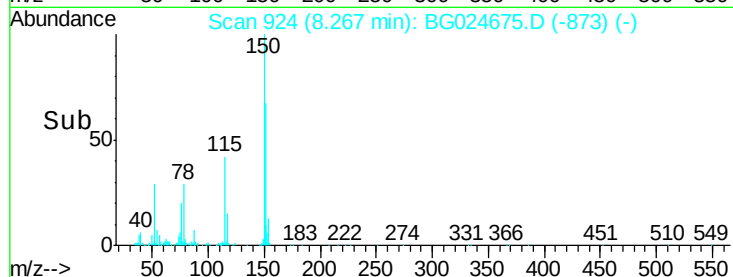
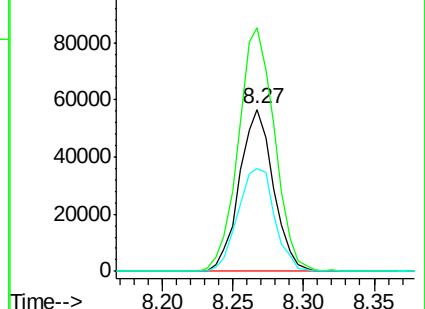
115 63.4 48.1 72.1



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: 145.49 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024675.D

Acq: 4 Nov 2016 10:10

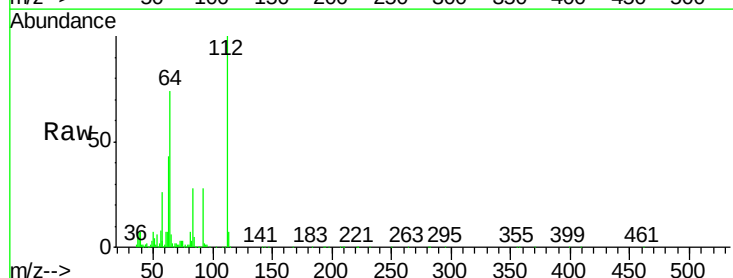
Tgt Ion:112 Resp: 845488

Ion Ratio Lower Upper

112 100

64 74.4 61.8 92.6

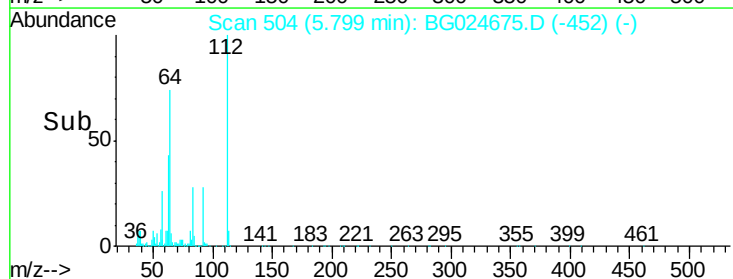
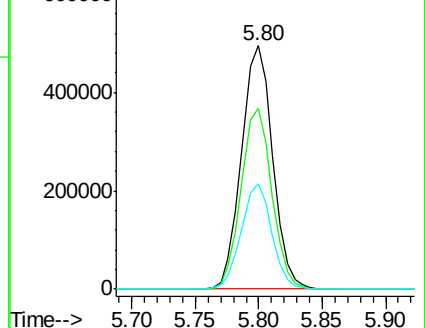
63 43.3 37.2 55.8

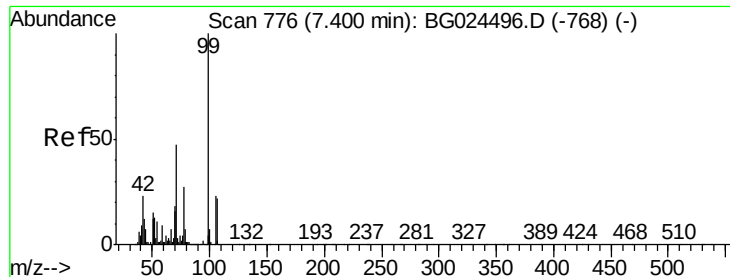


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 151.34 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024675.D

Acq: 4 Nov 2016 10:10

Instrument :

BNA_G

ClientSampleId :

SB-94-19.5-20.0

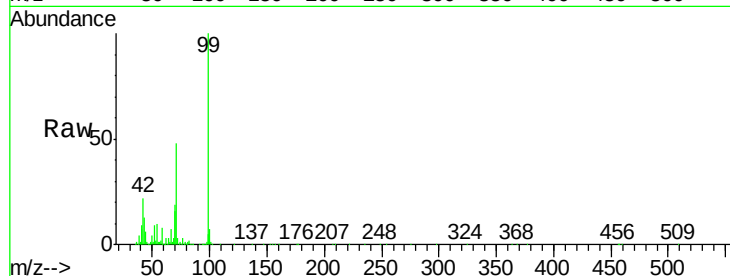
Tgt Ion: 99 Resp: 1206382

Ion Ratio Lower Upper

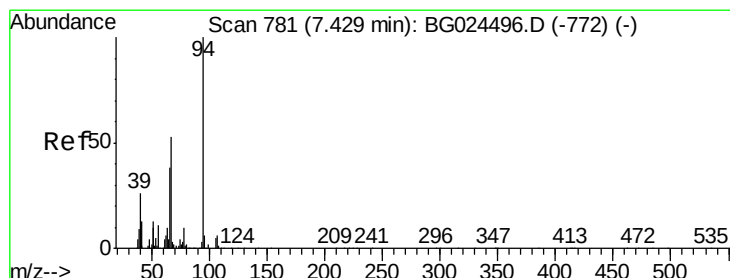
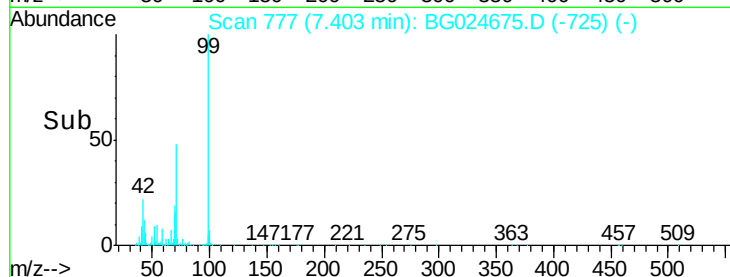
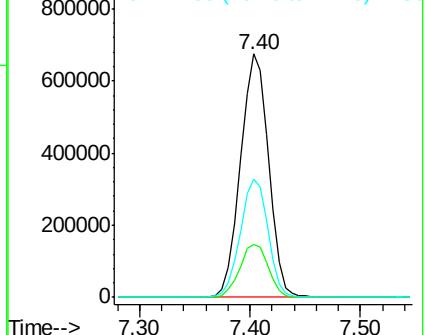
99 100

42 21.8 20.5 30.7

71 48.4 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: 2.61 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024675.D

Acq: 4 Nov 2016 10:10

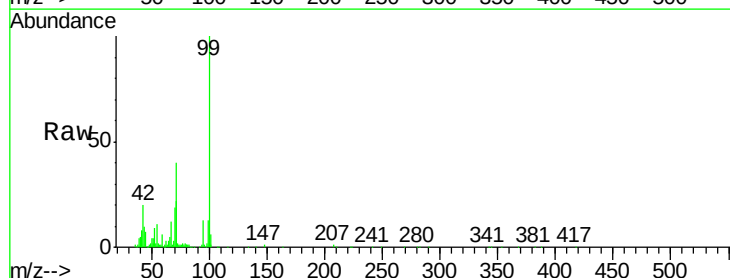
Tgt Ion: 94 Resp: 21463

Ion Ratio Lower Upper

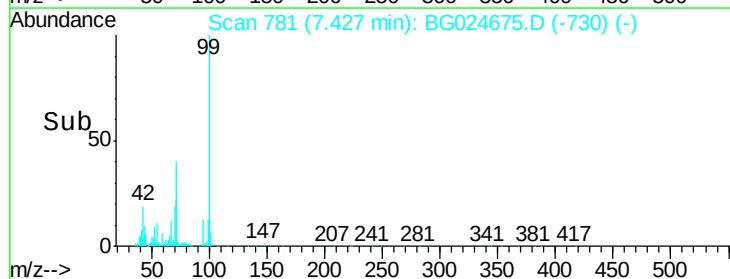
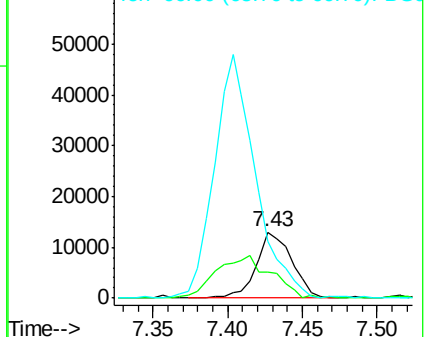
94 100

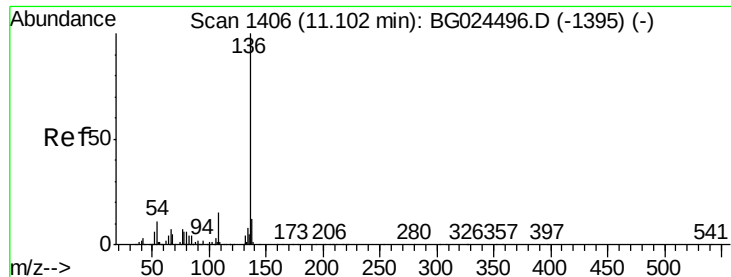
65 40.0 20.6 60.6

66 86.6 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: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024675.D

Acq: 4 Nov 2016 10:10

Instrument :

BNA_G

ClientSampleId :

SB-94-19.5-20.0

Tgt Ion: 136 Resp: 386374

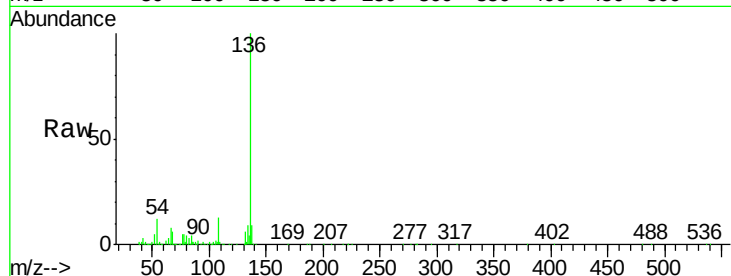
Ion Ratio Lower Upper

136 100

137 9.4 8.9 13.3

54 11.6 9.3 13.9

68 5.7 5.1 7.7

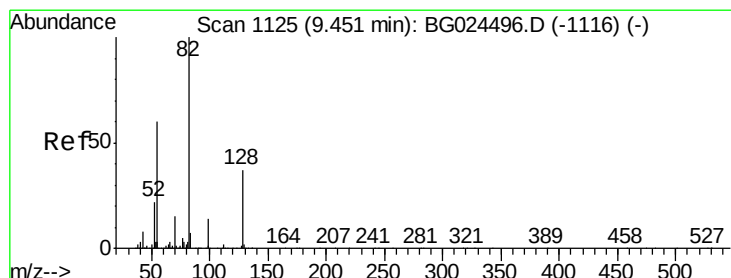
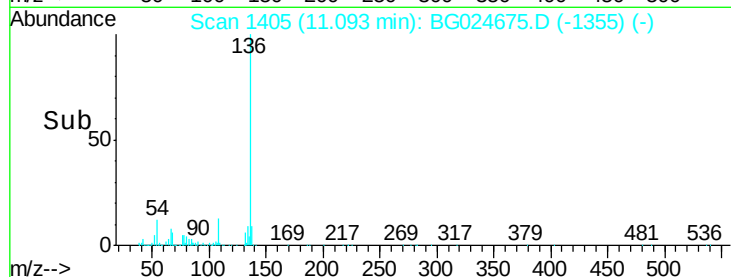
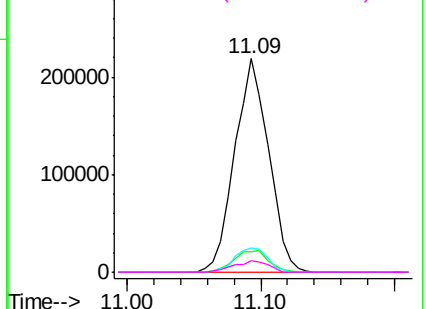


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.16 ng

RT: 9.44 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BG024675.D

Acq: 4 Nov 2016 10:10

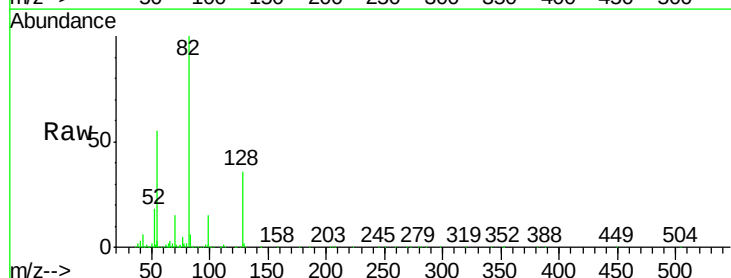
Tgt Ion: 82 Resp: 849954

Ion Ratio Lower Upper

82 100

128 36.4 26.4 39.6

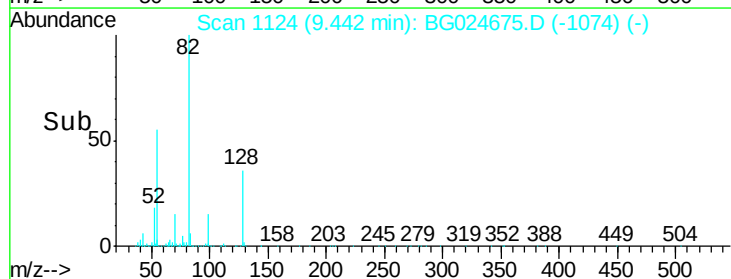
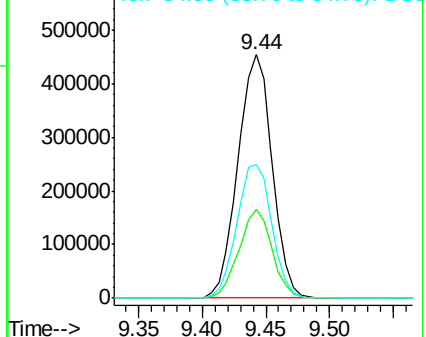
54 54.7 49.4 74.2

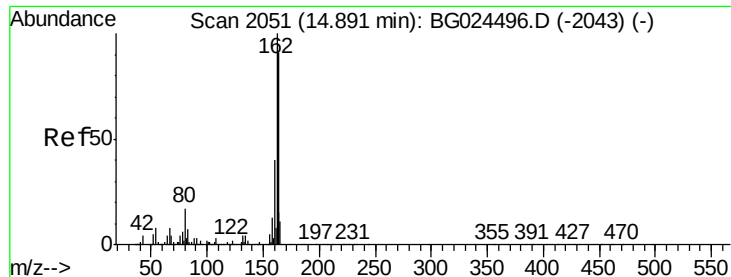


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

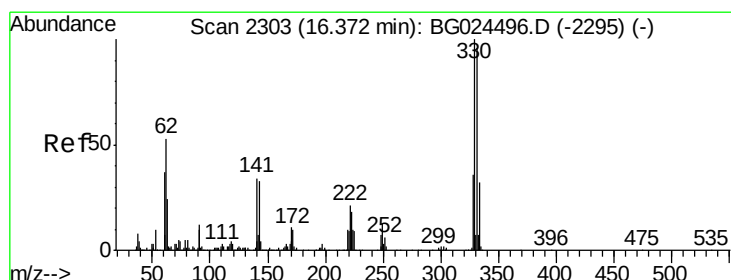
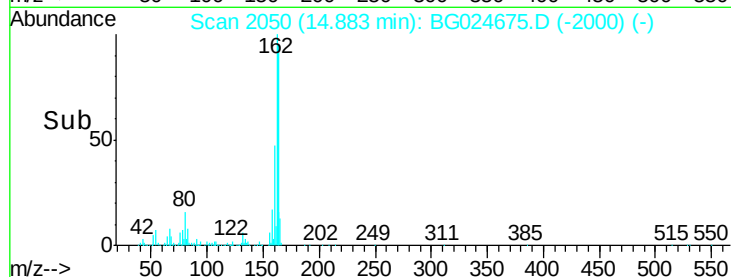
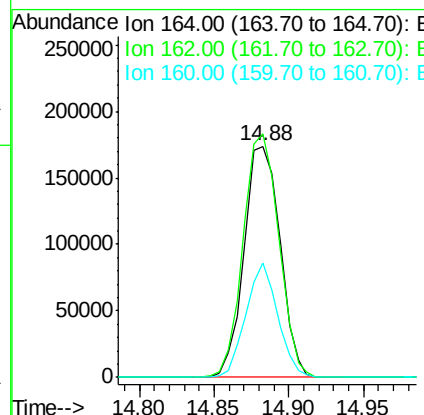
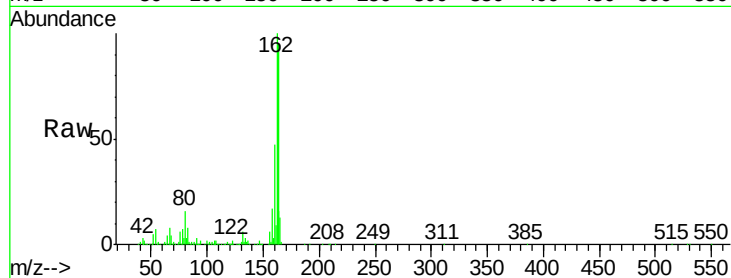




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

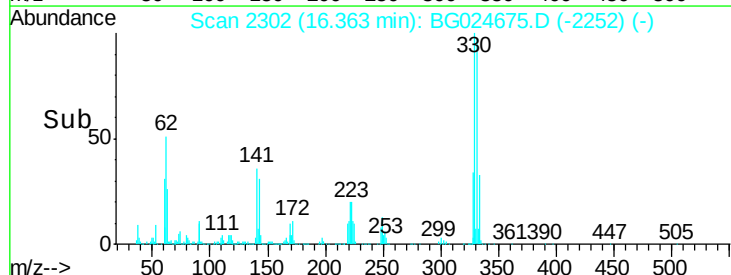
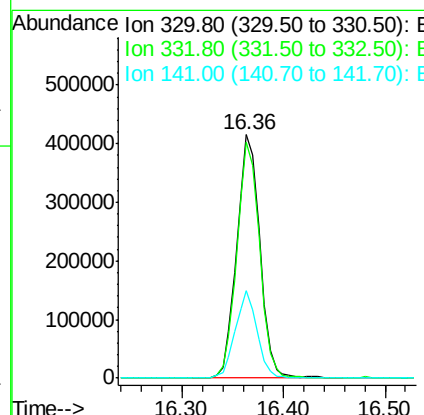
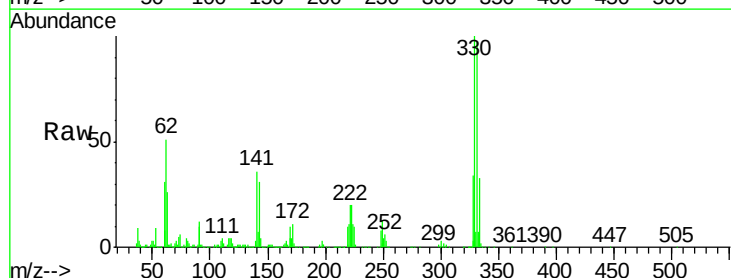
Instrument :
BNA_G
ClientSampleId :
SB-94-19.5-20.0

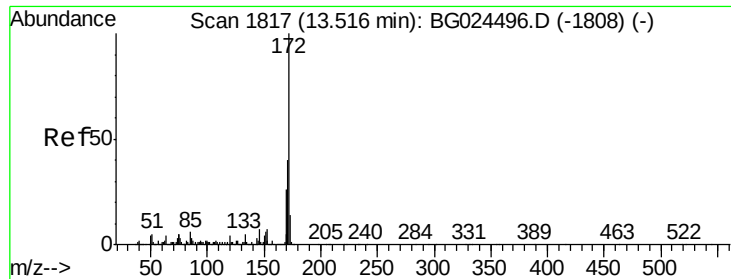
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.1	127.7
160	49.6	34.7	52.1



#41
2,4,6-Tribromophenol
Concen: 151.68 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	33.8	32.1	48.1





#44

2-Fluorobiphenyl

Concen: 93.33 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024675.D

Acq: 4 Nov 2016 10:10

Instrument :

BNA_G

ClientSampleId :

SB-94-19.5-20.0

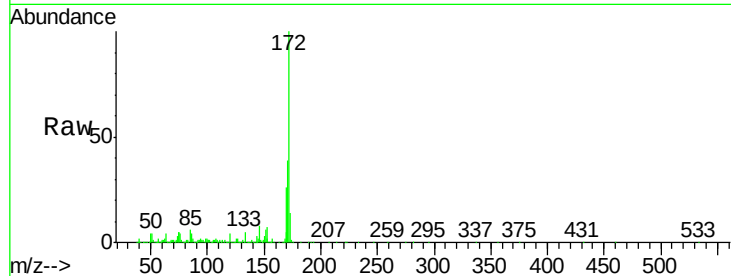
Tgt Ion:172 Resp: 1629382

Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.2	48.2
170	26.1	21.8	32.6

172 100

171 39.2 32.2 48.2

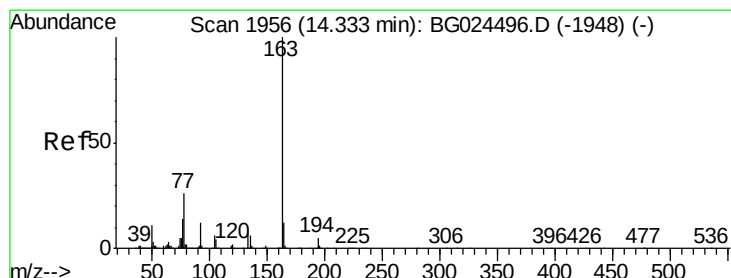
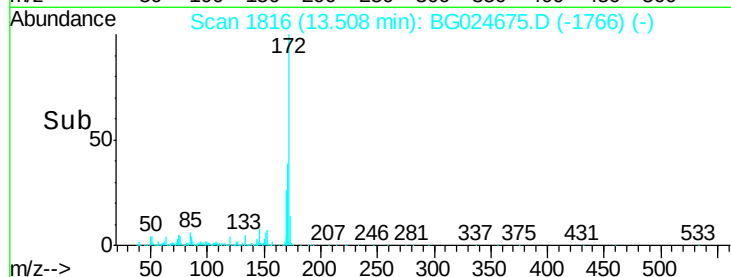
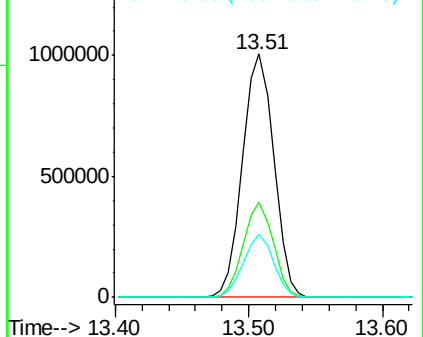
170 26.1 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 32.54 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024675.D

Acq: 4 Nov 2016 10:10

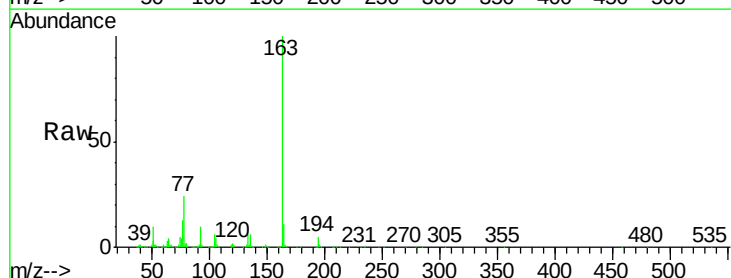
Tgt Ion:163 Resp: 670382

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.6
164	10.9	9.3	13.9

163 100

194 5.0 3.8 5.6

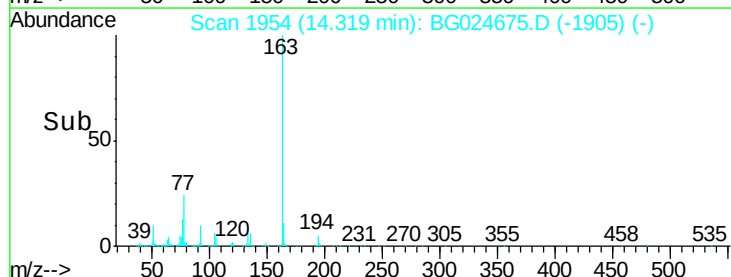
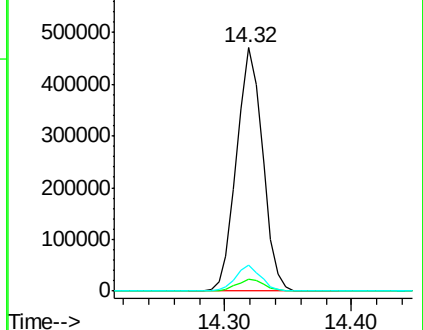
164 10.9 9.3 13.9

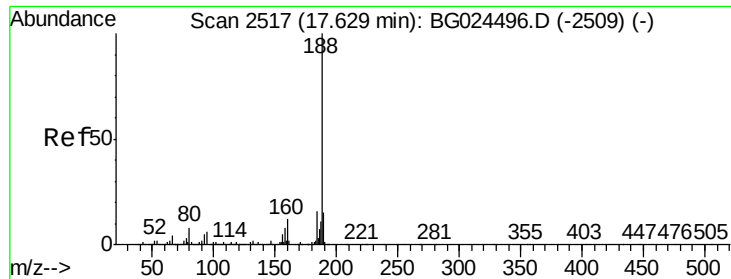


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

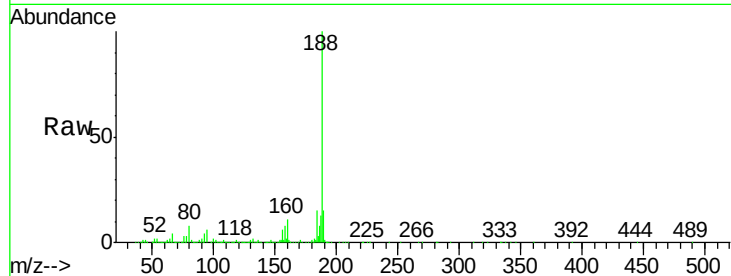




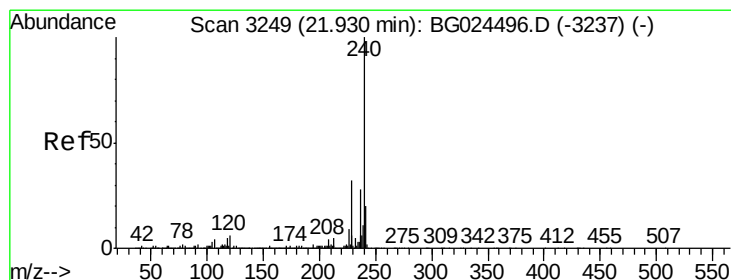
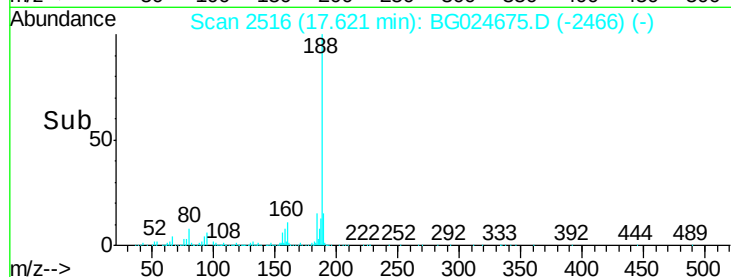
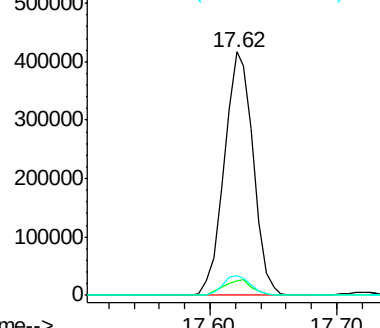
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Instrument :
BNA_G
ClientSampleId :
SB-94-19.5-20.0

Tgt Ion:188 Resp: 661253
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.8
80 7.9 7.5 11.3

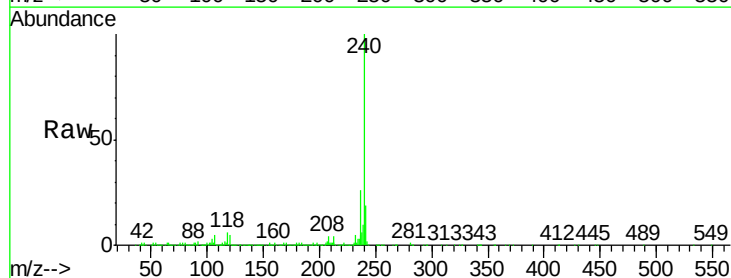


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

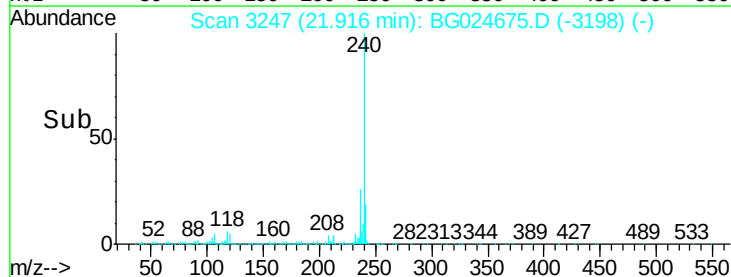
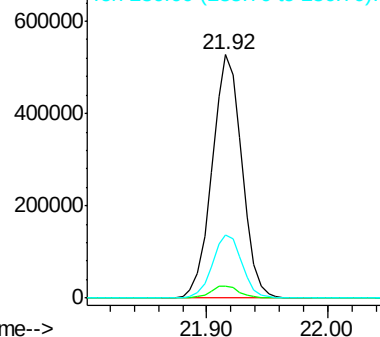


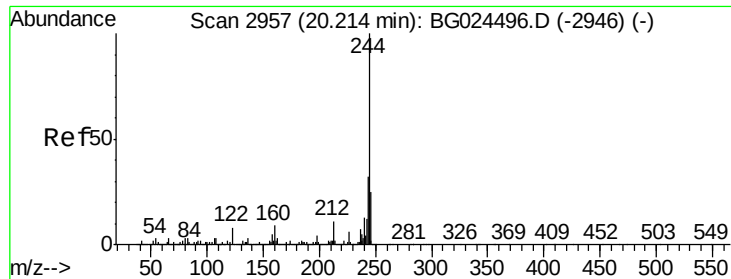
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Tgt Ion:240 Resp: 905240
Ion Ratio Lower Upper
240 100
120 5.1 5.7 8.5#
236 26.0 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

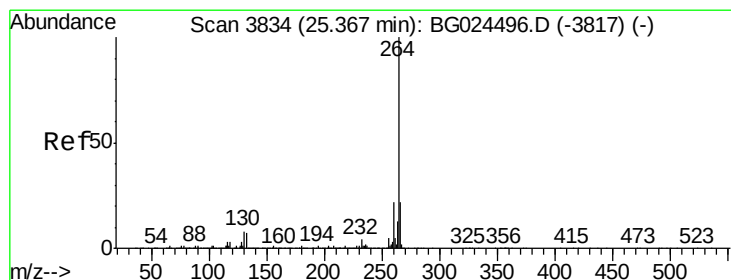
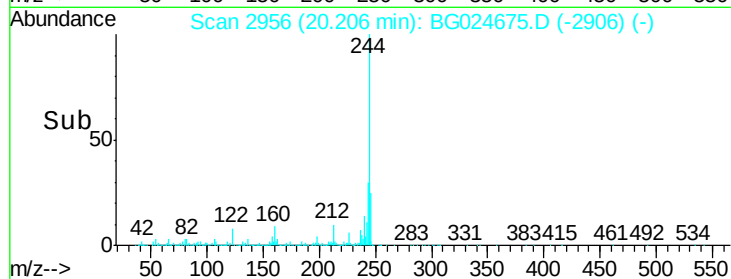
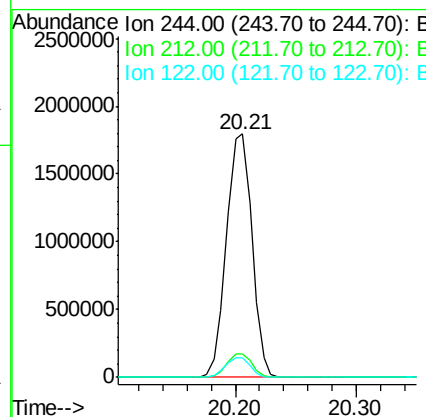
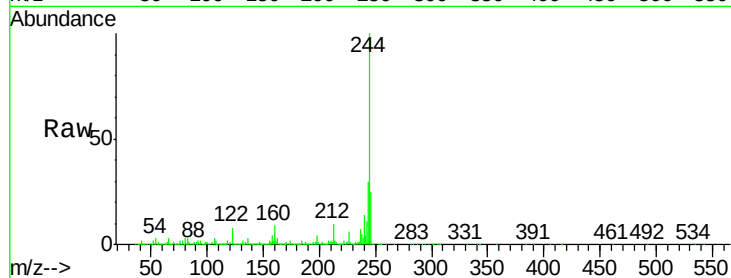




#78
 Terphenyl-d14
 Concen: 86.95 ng
 RT: 20.21 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BG024675.D
 Acq: 4 Nov 2016 10:10

Instrument :
 BNA_G
 ClientSampleId :
 SB-94-19.5-20.0

Tgt Ion:244 Resp: 2633998
 Ion Ratio Lower Upper
 244 100
 212 9.8 10.0 15.0#
 122 8.0 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.35 min Scan# 3831
 Delta R.T. -0.02 min
 Lab File: BG024675.D
 Acq: 4 Nov 2016 10:10

Tgt Ion:264 Resp: 937850
 Ion Ratio Lower Upper
 264 100
 260 24.3 21.8 32.8
 265 20.8 18.2 27.4

