

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022942.D
 Acq On : 8 Jul 2016 22:45
 Operator : UM/SJ
 Sample : H3884-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 09 00:26:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

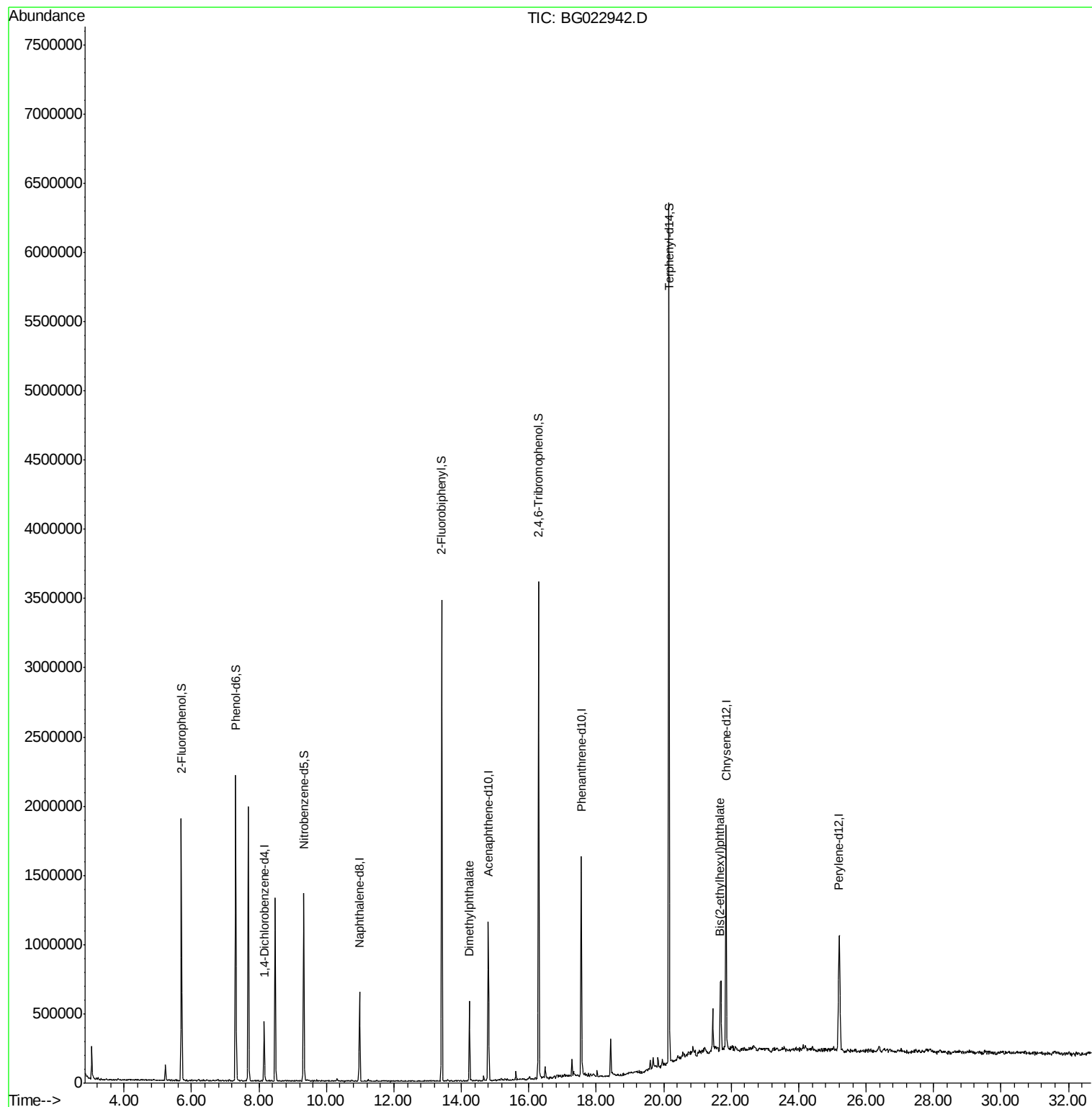
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	112631	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	513519	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	406676	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	972034	20.00	ng	0.00
75) Chrysene-d12	21.84	240	999769	20.00	ng	0.00
86) Perylene-d12	25.20	264	1029549	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	773379	112.30	ng	0.00
7) Phenol-d6	7.31	99	1238998	114.87	ng	0.00
23) Nitrobenzene-d5	9.32	82	866015	72.21	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	704192	96.35	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1752498	67.88	ng	0.00
78) Terphenyl-d14	20.15	244	2529750	77.66	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	363656	10.95	ng	99
83) Bis(2-ethylhexyl)phthalate	21.67	149	235888	7.63	ng	# 97

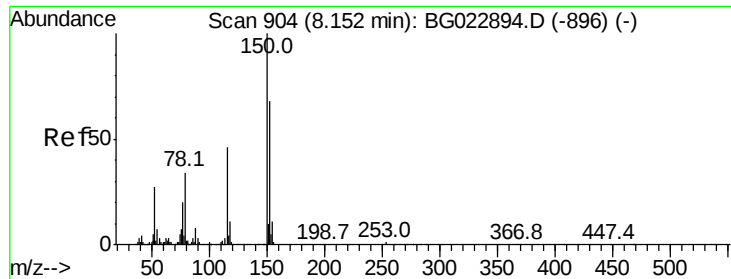
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022942.D

Acq: 8 Jul 2016 22:45

Instrument :

BNA_G

ClientSampleId :

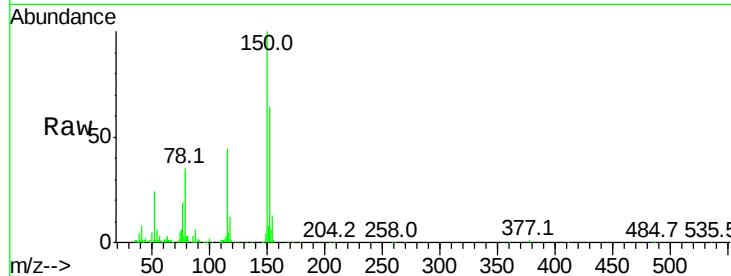
Tot Ion:152 Resp: 112631

Ion Ratio Lower Upper

152 100

150 156.4 144.7 217.1

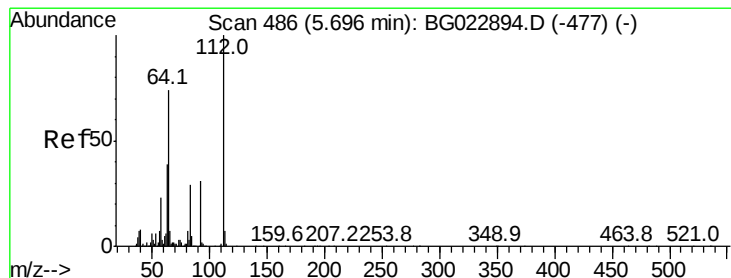
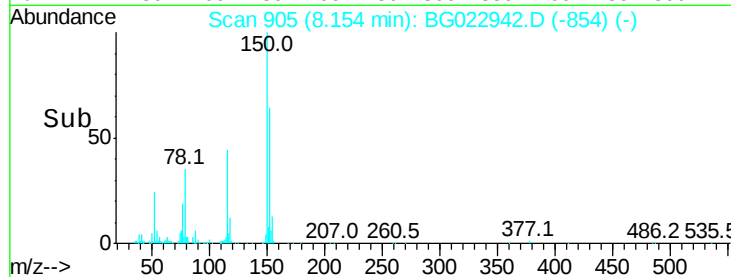
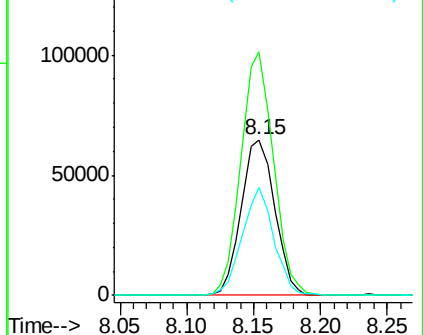
115 69.3 64.0 96.0



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: 112.30 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022942.D

Acq: 8 Jul 2016 22:45

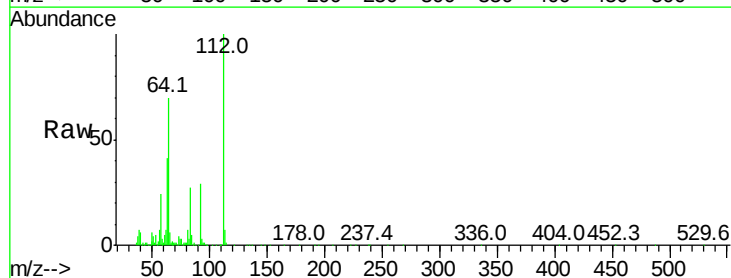
Tgt Ion:112 Resp: 773379

Ion Ratio Lower Upper

112 100

64 70.0 59.0 88.4

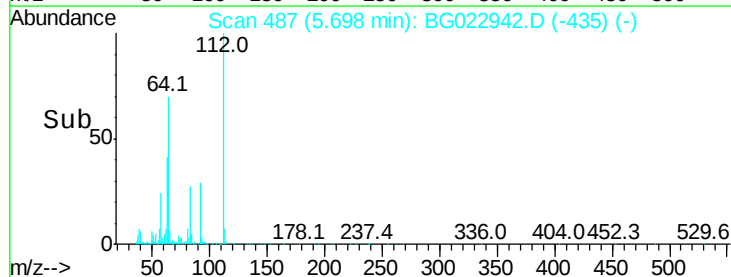
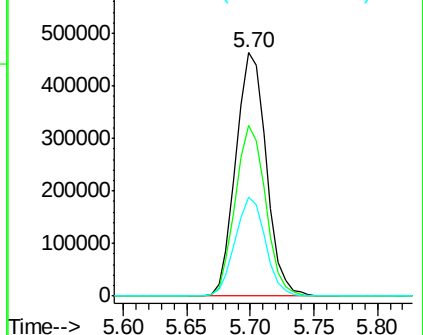
63 40.9 37.8 56.8

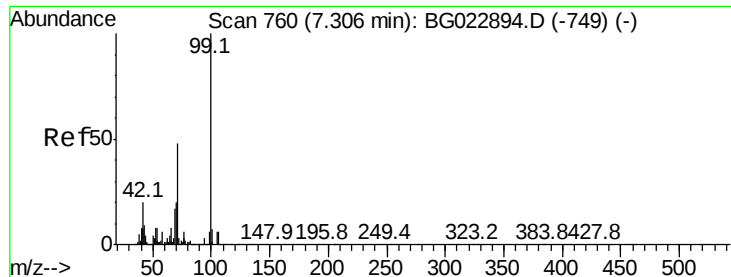


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 114.87 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022942.D

Acq: 8 Jul 2016 22:45

Instrument :

BNA_G

ClientSampleId :

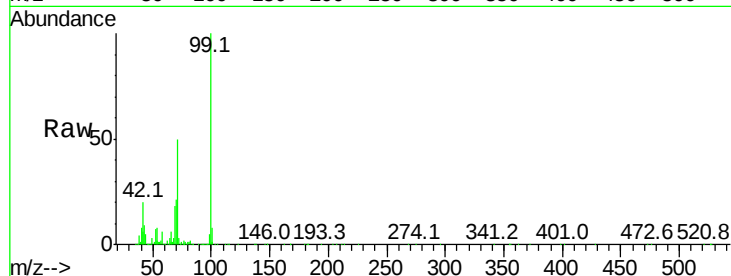
Tot Ion: 99 Resp: 1238998

Ion Ratio Lower Upper

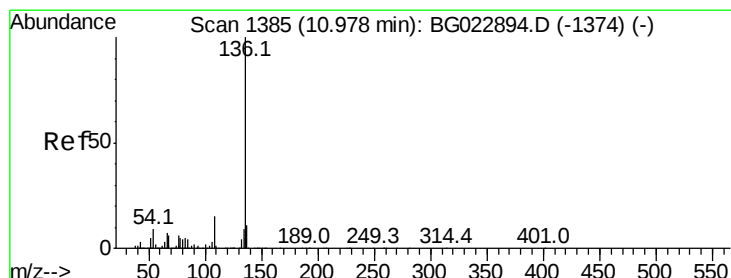
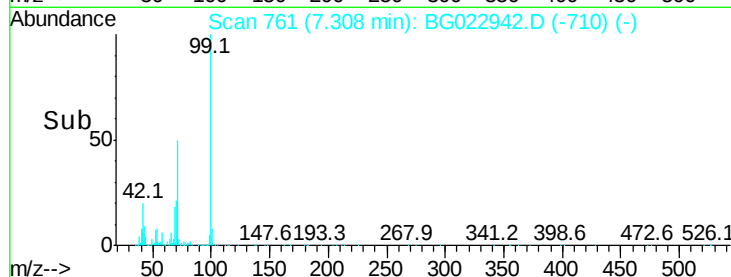
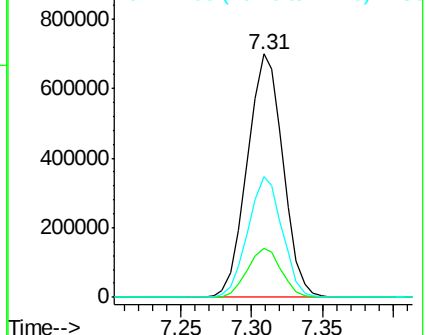
99 100

42 20.0 17.8 26.6

71 49.7 41.5 62.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022942.D

Acq: 8 Jul 2016 22:45

Tgt Ion: 136 Resp: 513519

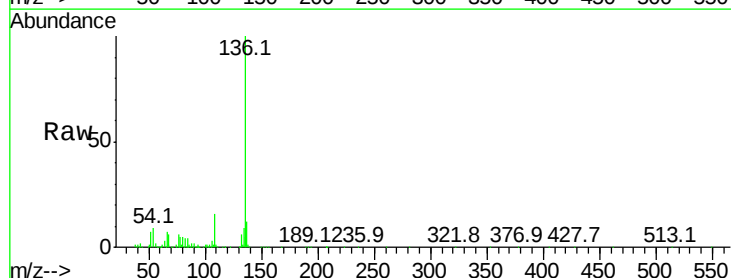
Ion Ratio Lower Upper

136 100

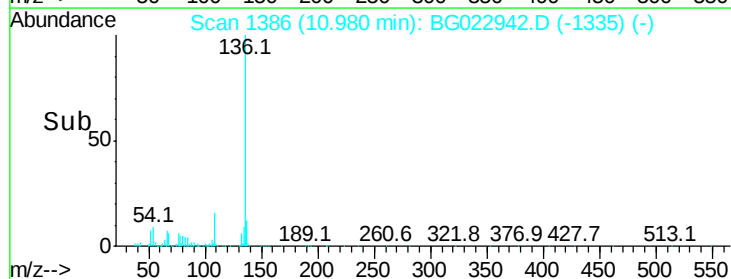
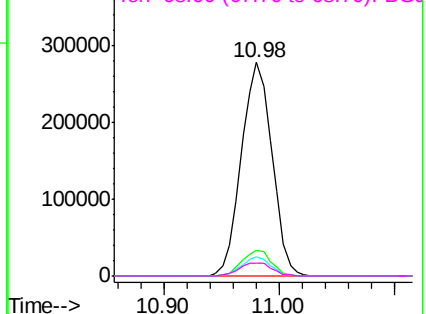
137 12.2 9.6 14.4

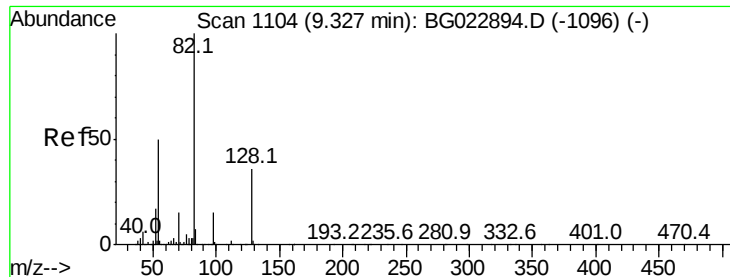
54 8.9 7.3 10.9

68 6.1 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

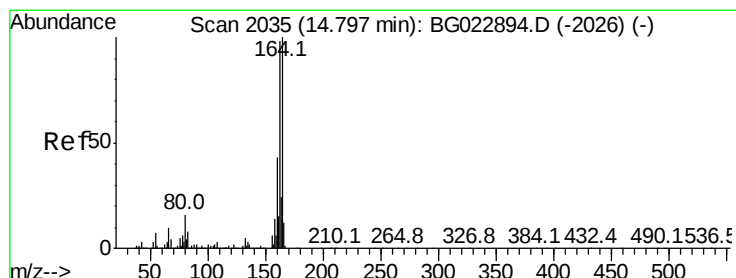
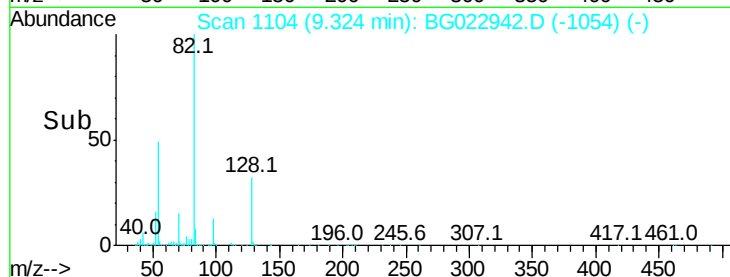
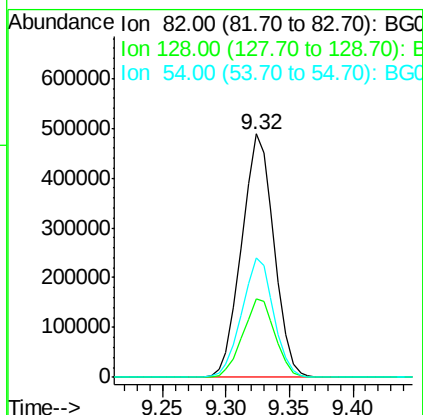
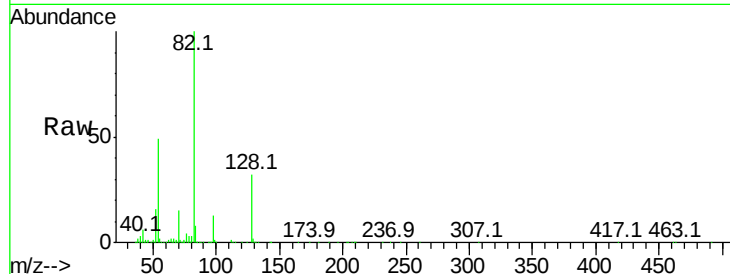




#23
Nitrobenzene-d5
Concen: 72.21 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022942.D
Acq: 8 Jul 2016 22:45

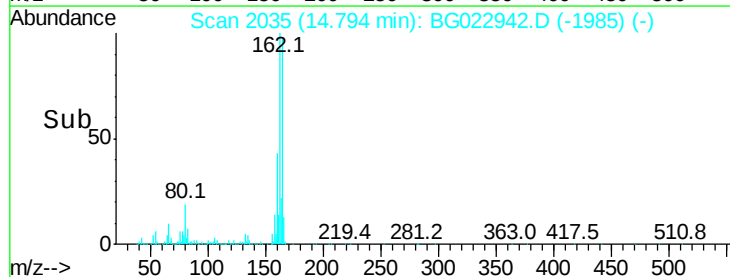
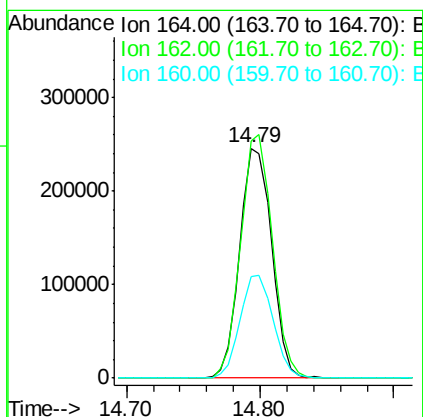
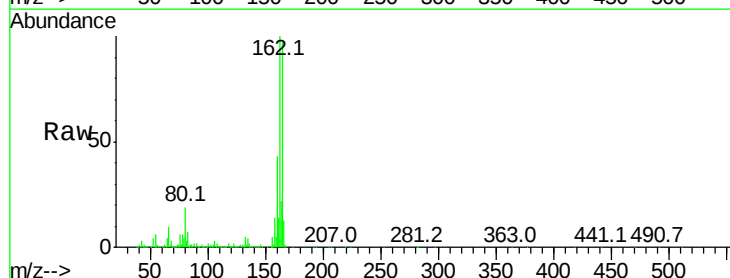
Instrument :
BNA_G
ClientSampleId :

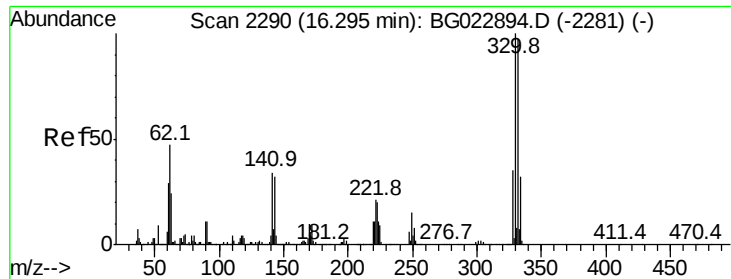
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.5	24.4	36.6
54	49.2	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022942.D
Acq: 8 Jul 2016 22:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	87.7	131.5
160	44.1	37.2	55.8

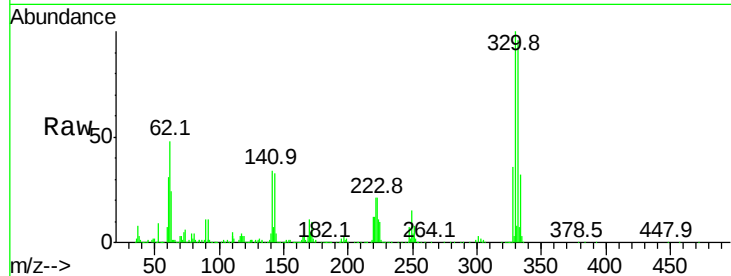




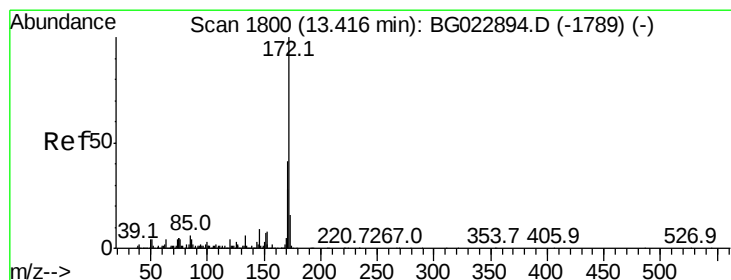
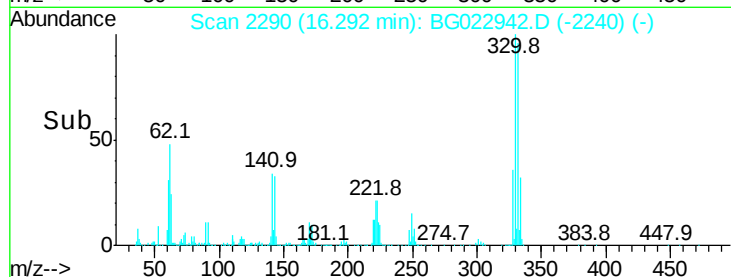
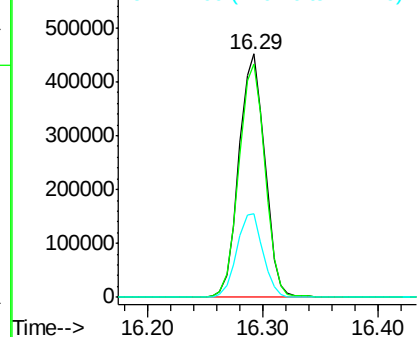
#41
 2,4,6-Tribromophenol
 Concen: 96.35 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022942.D
 Acq: 8 Jul 2016 22:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	34.9	31.7	47.5

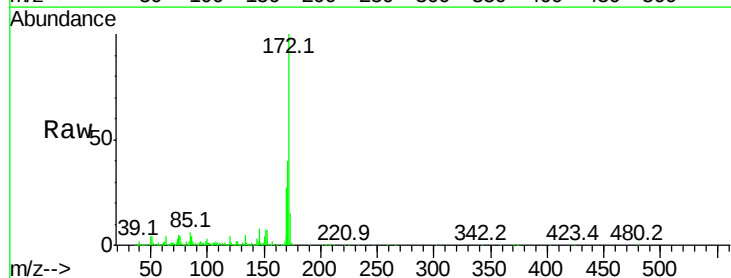


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

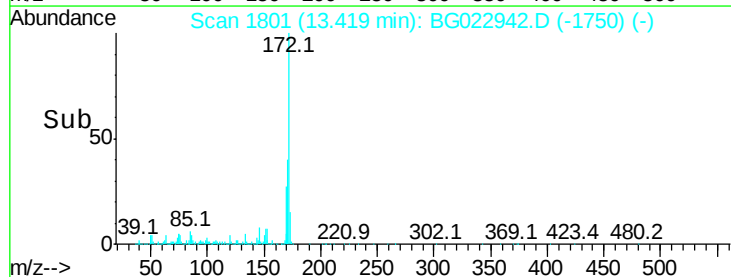
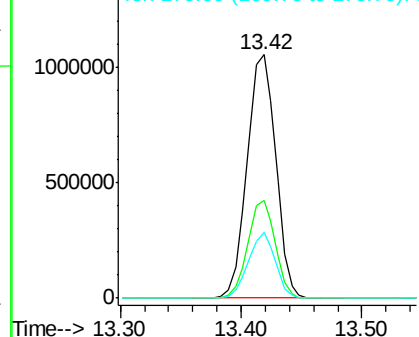


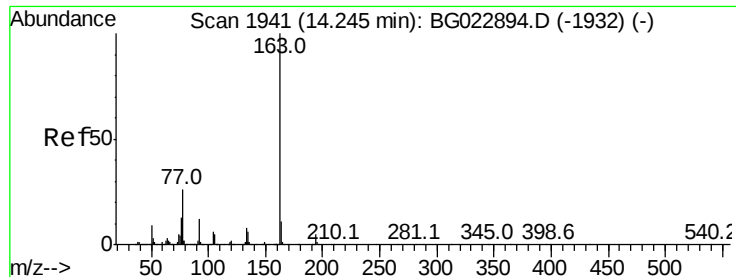
#44
 2-Fluorobiphenyl
 Concen: 67.88 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022942.D
 Acq: 8 Jul 2016 22:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.6	47.4
170	27.0	21.3	31.9



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: 10.95 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022942.D

Acq: 8 Jul 2016 22:45

Instrument :

BNA_G

ClientSampleId :

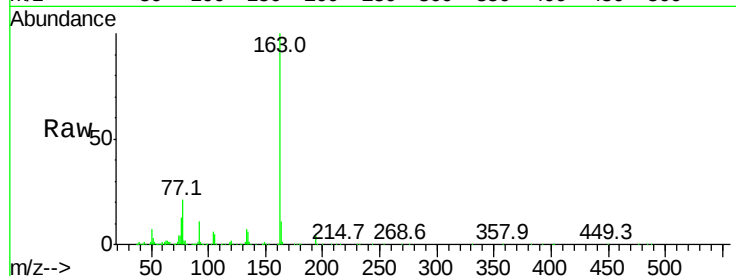
Tot Ion:163 Resp: 363656

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

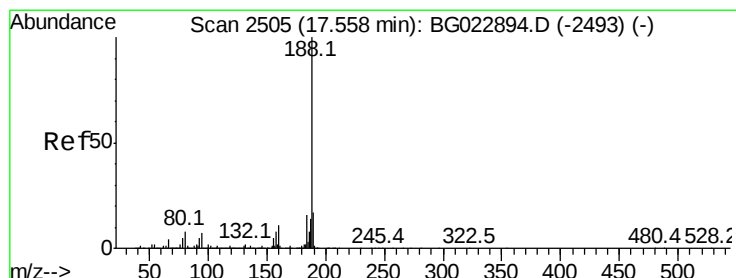
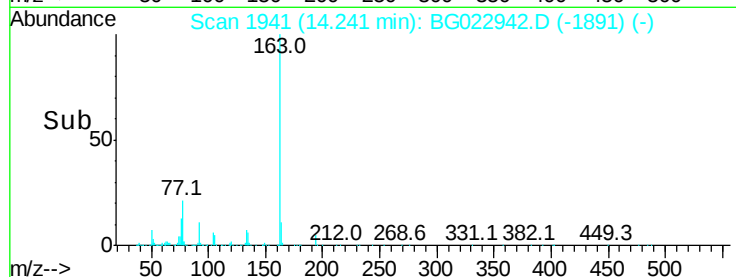
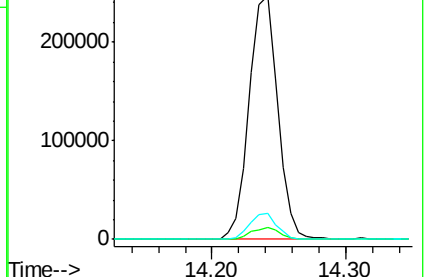
164 10.5 8.1 12.1



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: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022942.D

Acq: 8 Jul 2016 22:45

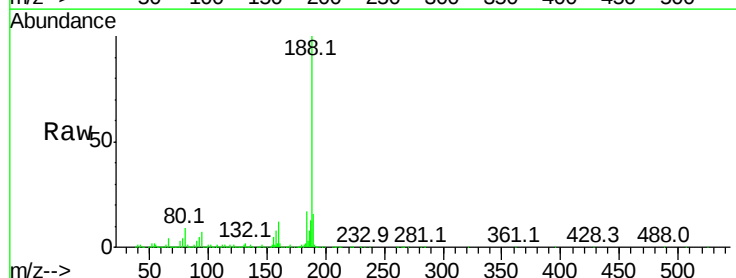
Tgt Ion:188 Resp: 972034

Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

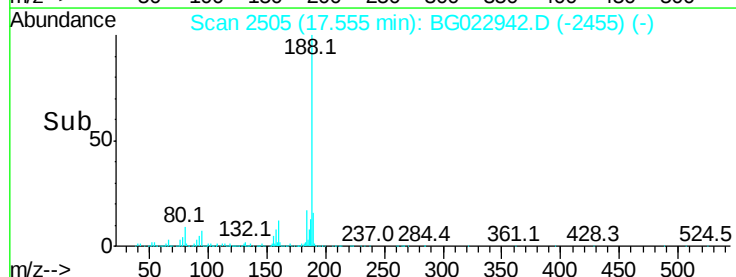
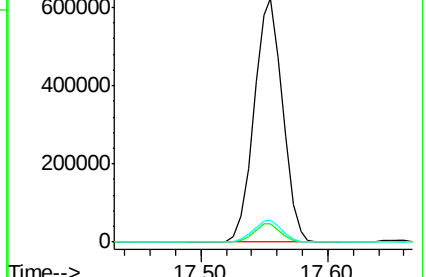
80 9.0 7.2 10.8

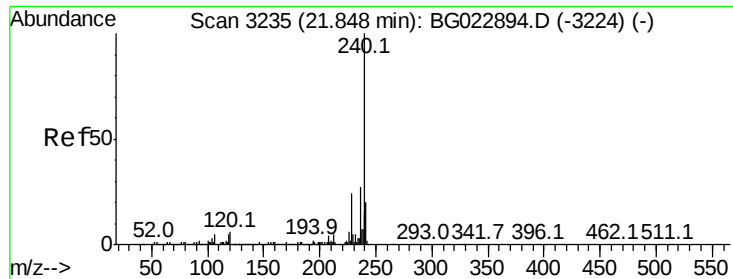


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022942.D

Acq: 8 Jul 2016 22:45

Instrument :

BNA_G

ClientSampleId :

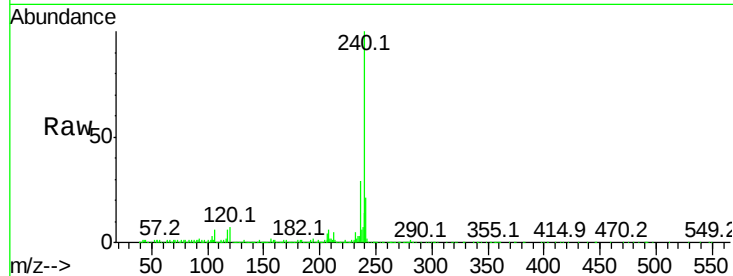
Tot Ion:240 Resp: 999769

Ion Ratio Lower Upper

240 100

120 6.8 4.1 6.1#

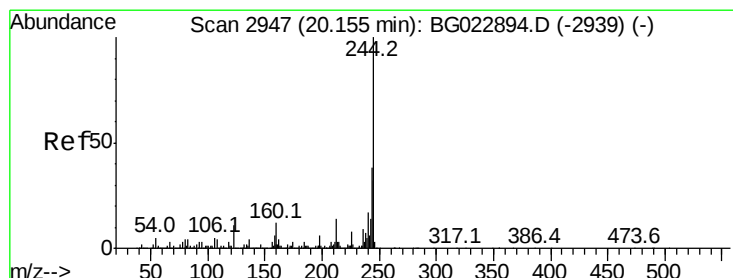
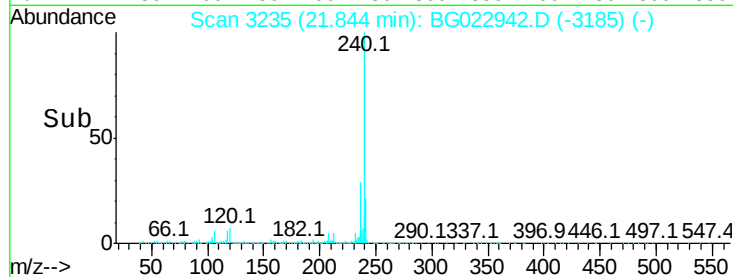
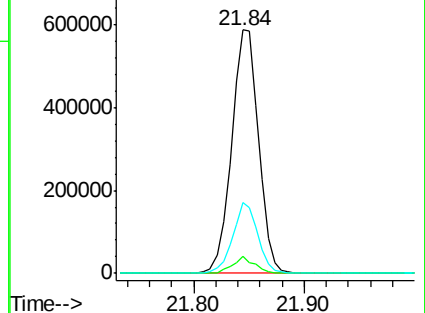
236 28.9 21.1 31.7



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: 77.66 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022942.D

Acq: 8 Jul 2016 22:45

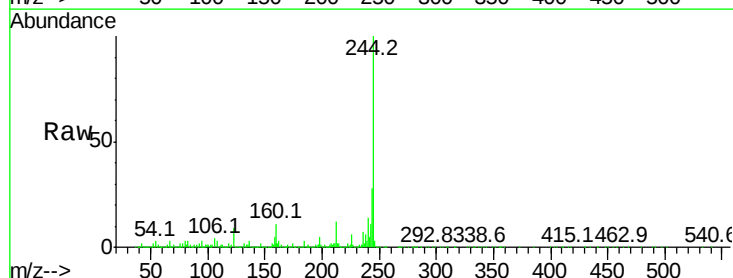
Tgt Ion:244 Resp: 2529750

Ion Ratio Lower Upper

244 100

212 11.7 10.8 16.2

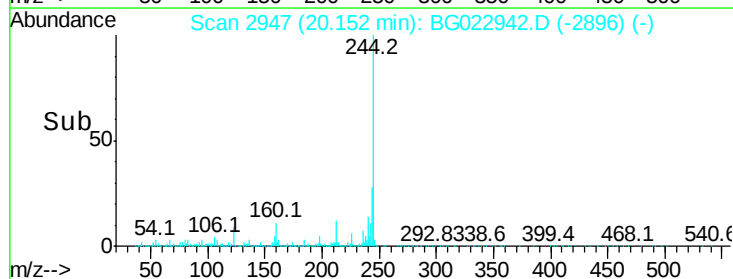
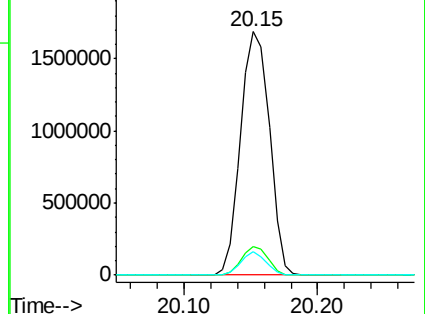
122 9.5 8.0 12.0

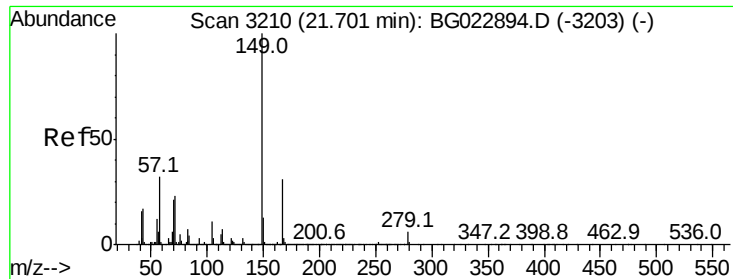


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

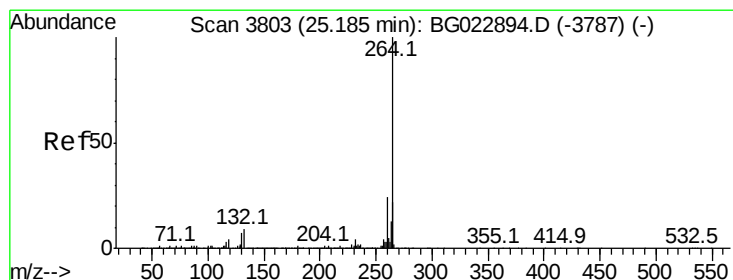
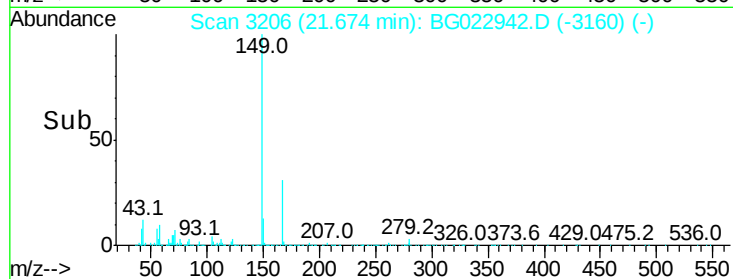
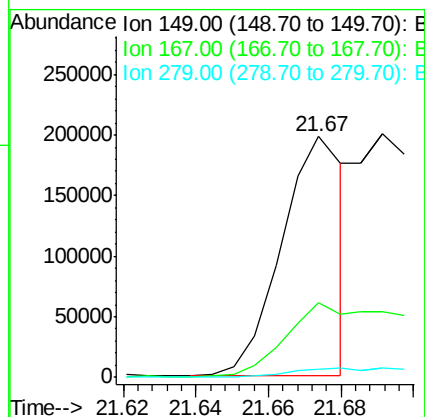
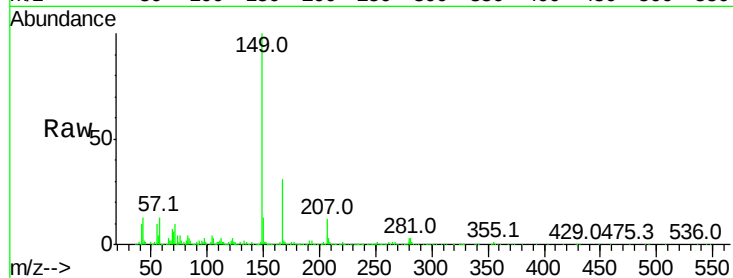




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.63 ng
 RT: 21.67 min Scan# 3206
 Delta R.T. -0.03 min
 Lab File: BG022942.D
 Acq: 8 Jul 2016 22:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 235888
 Ion Ratio Lower Upper
 149 100
 167 30.8 24.0 36.0
 279 3.1 4.8 7.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.20 min Scan# 3806
 Delta R.T. 0.01 min
 Lab File: BG022942.D
 Acq: 8 Jul 2016 22:45

Tgt Ion:264 Resp: 1029549
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 21.0 18.9 28.3

