

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022947.D
 Acq On : 9 Jul 2016 2:05
 Operator : UM/SJ
 Sample : H3900-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 09 05:31:09 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

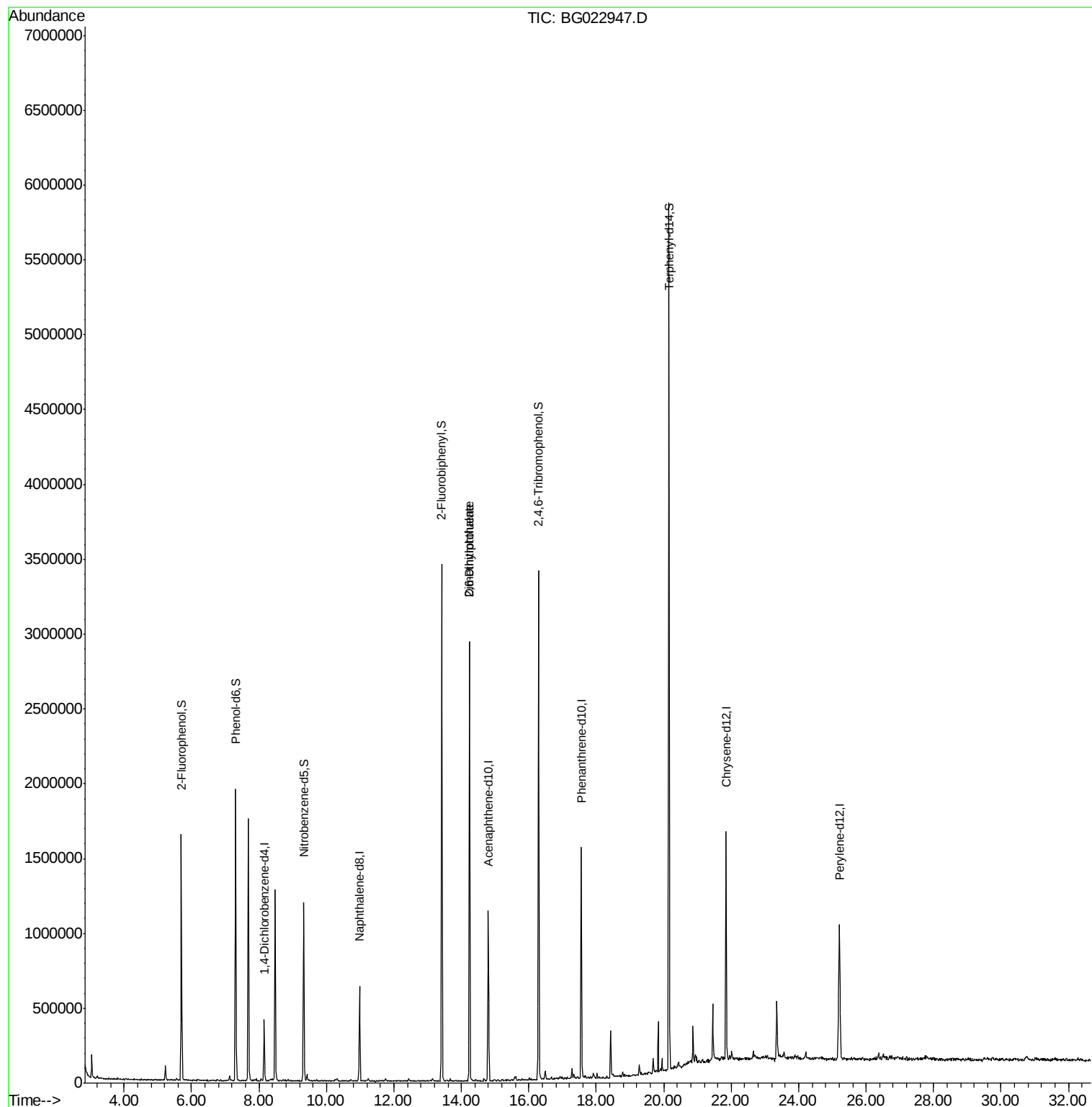
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	100168	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	491584	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	388986	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	914341	20.00	ng	0.00
75) Chrysene-d12	21.84	240	986733	20.00	ng	0.00
86) Perylene-d12	25.21	264	1010619	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	676835	110.51	ng	0.00
7) Phenol-d6	7.31	99	1090984	113.73	ng	0.00
23) Nitrobenzene-d5	9.32	82	773415	67.37	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	648299	92.73	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1664751	67.41	ng	0.00
78) Terphenyl-d14	20.16	244	2410889	73.63	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	1777101	55.93	ng	# 95
50) 2,6-Dinitrotoluene	14.24	165	23032	3.23	ng	# 13

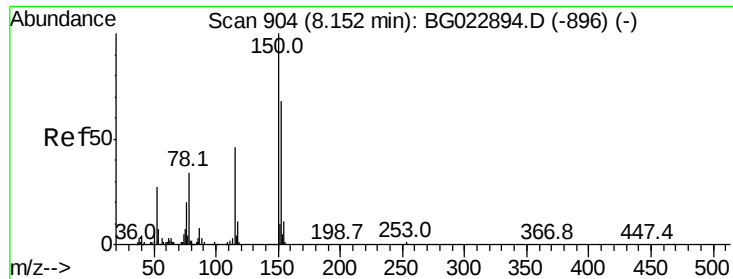
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022947.D
Acq On : 9 Jul 2016 2:05
Operator : UM/SJ
Sample : H3900-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 09 05:31:09 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

Instrument :

BNA_G

ClientSampleId :

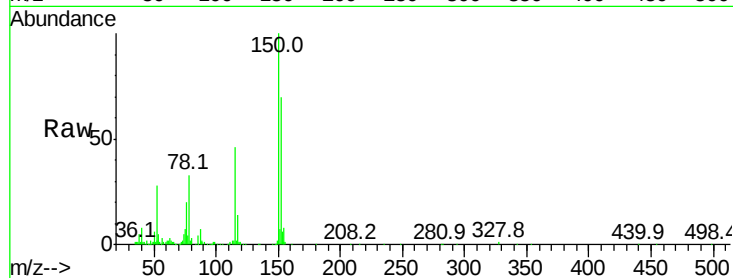
Tot Ion:152 Resp: 100168

Ion Ratio Lower Upper

152 100

150 142.3 144.7 217.1#

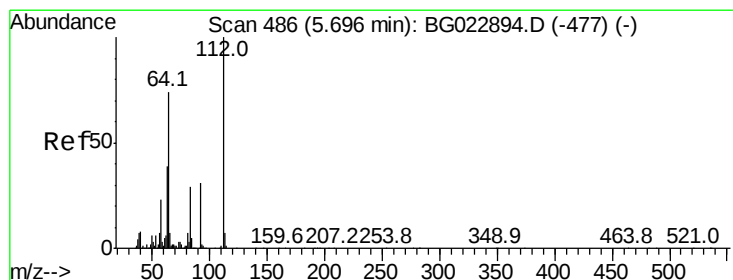
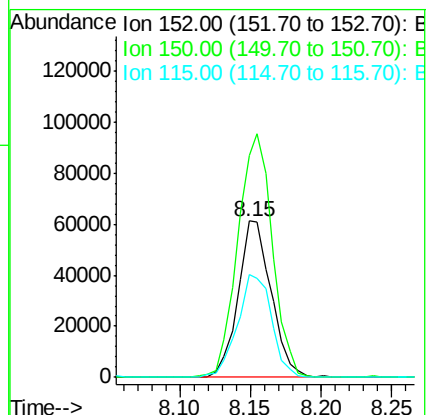
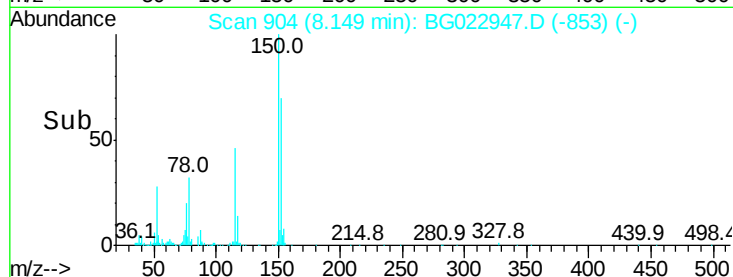
115 66.1 64.0 96.0



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: 110.51 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

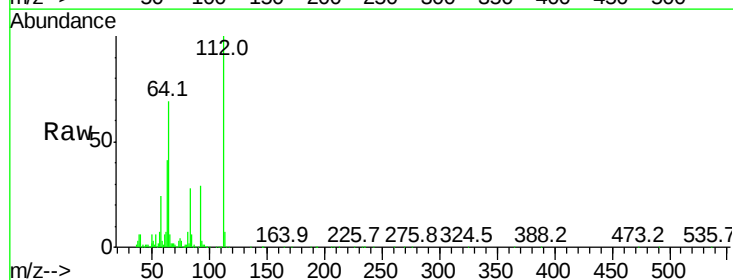
Tgt Ion:112 Resp: 676835

Ion Ratio Lower Upper

112 100

64 68.9 59.0 88.4

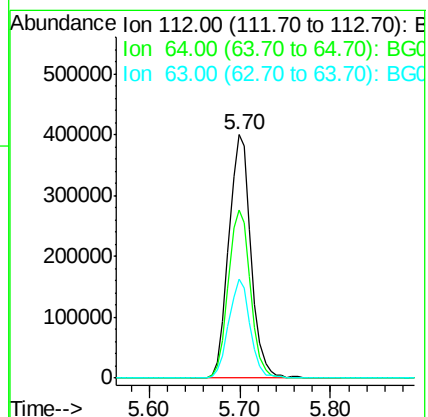
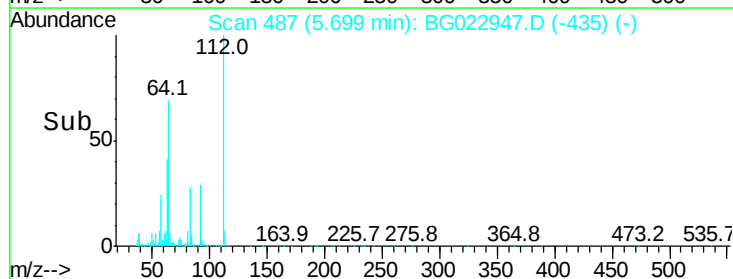
63 40.8 37.8 56.8

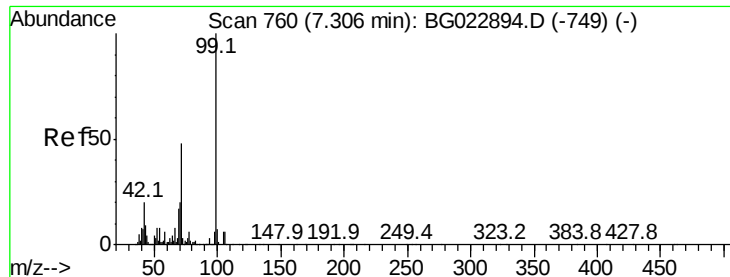


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.73 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

Instrument :

BNA_G

ClientSampleId :

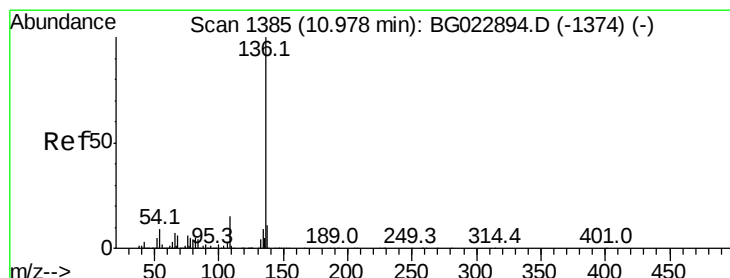
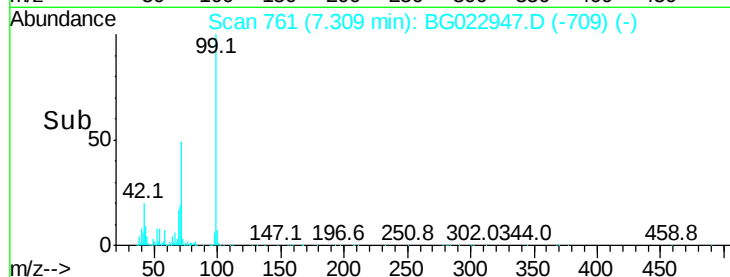
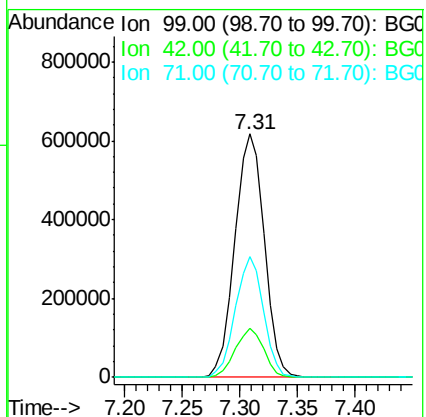
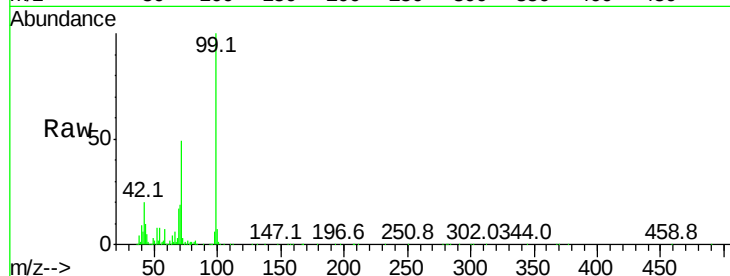
Tot Ion: 99 Resp: 1090984

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.8	26.6
71	49.4	41.5	62.3

99 100

42 20.2 17.8 26.6

71 49.4 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

Tgt Ion: 136 Resp: 491584

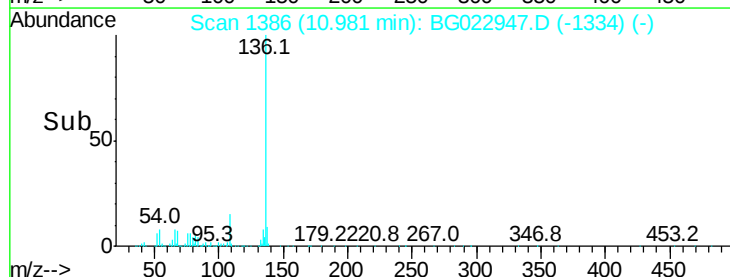
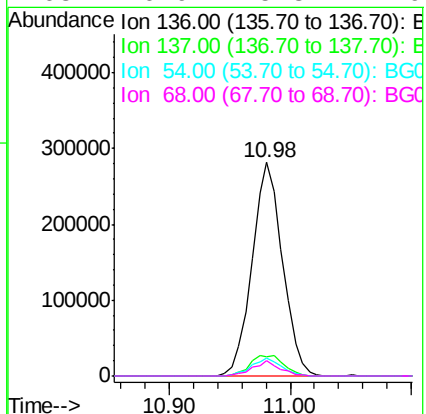
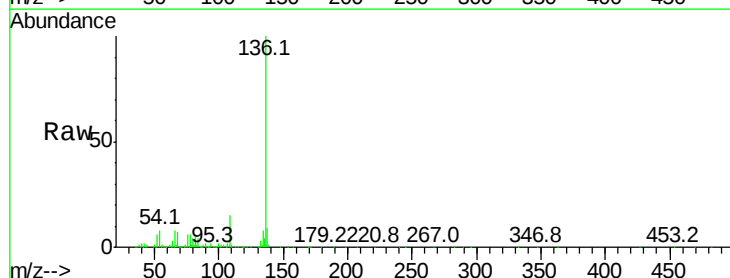
Ion	Ratio	Lower	Upper
136	100		
137	9.1	9.6	14.4#
54	8.3	7.3	10.9
68	6.9	5.3	7.9

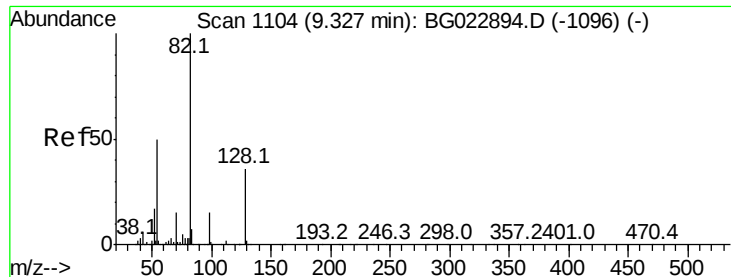
136 100

137 9.1 9.6 14.4#

54 8.3 7.3 10.9

68 6.9 5.3 7.9

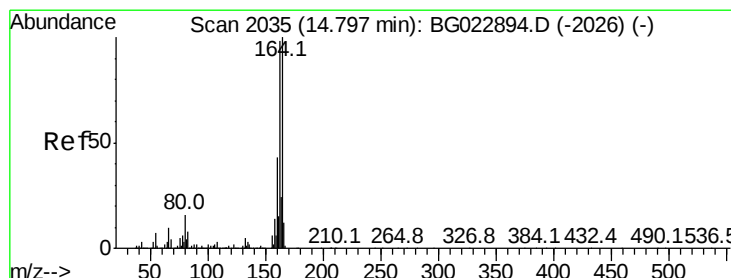
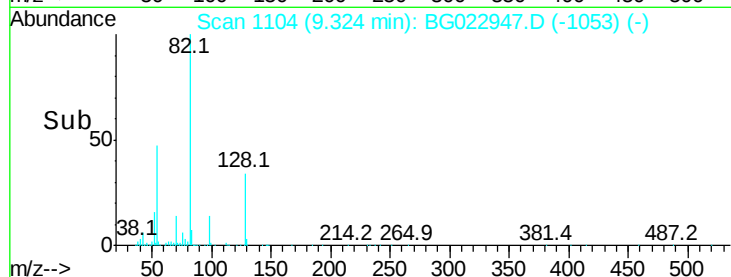
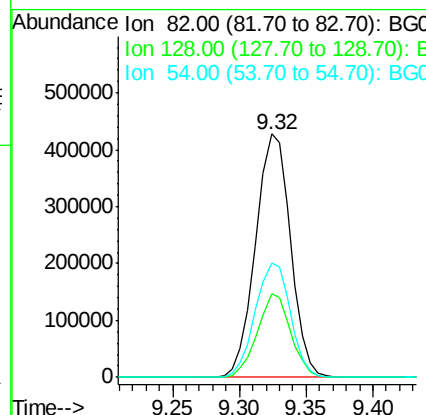
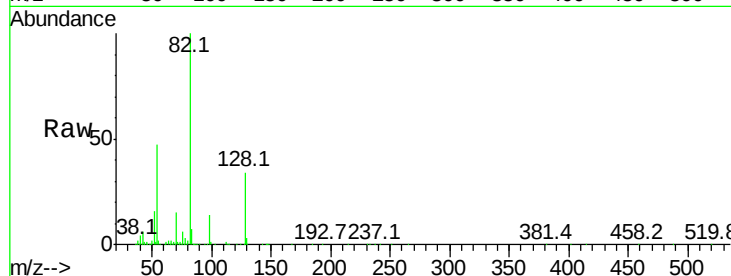




#23
 Nitrobenzene-d5
 Concen: 67.37 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022947.D
 Acq: 9 Jul 2016 2:05

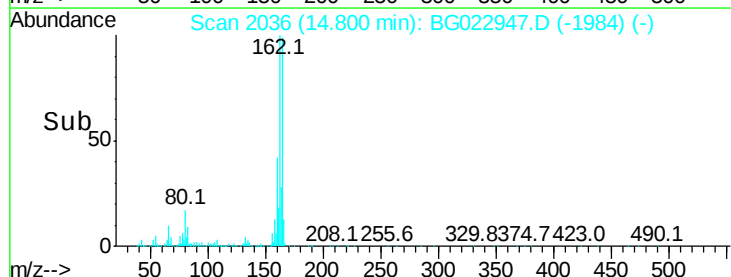
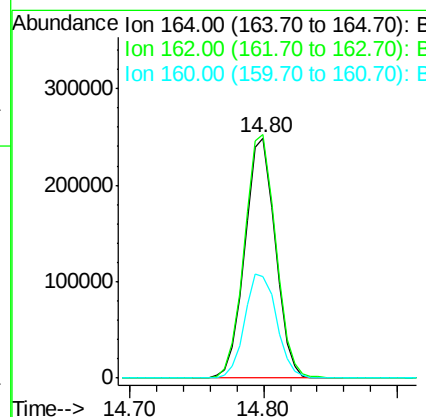
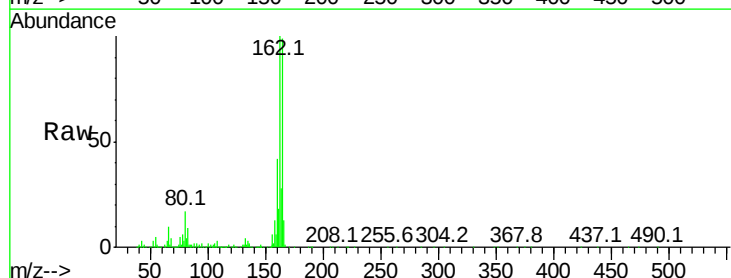
Instrument :
 BNA_G
 ClientSampleId :

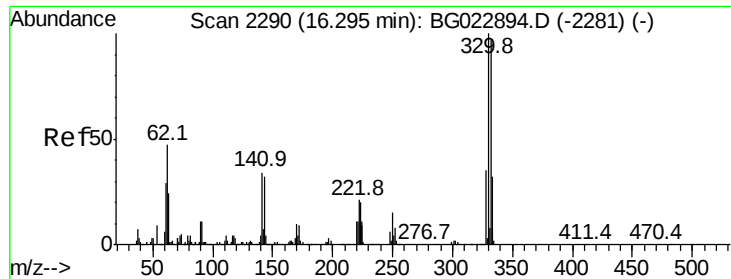
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	24.4	36.6
54	46.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG022947.D
 Acq: 9 Jul 2016 2:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	87.7	131.5
160	42.3	37.2	55.8

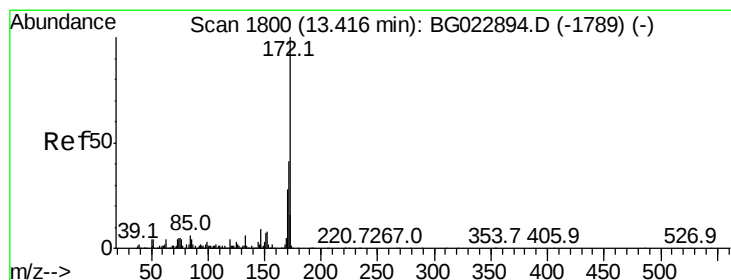
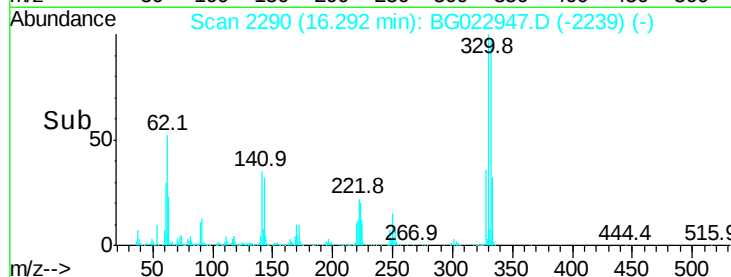
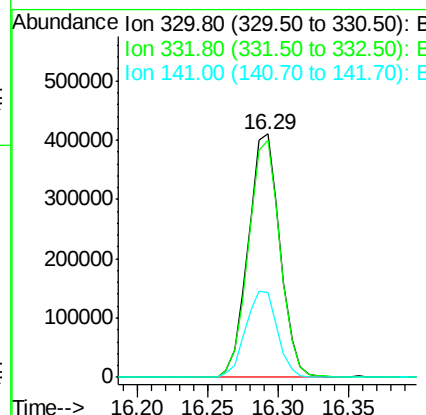
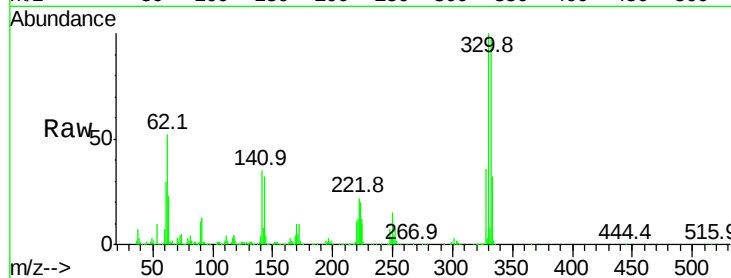




#41
 2,4,6-Tribromophenol
 Concen: 92.73 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022947.D
 Acq: 9 Jul 2016 2:05

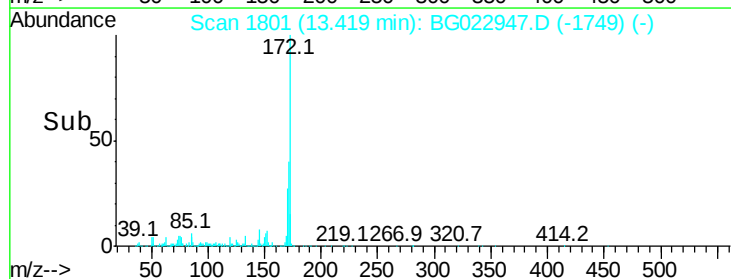
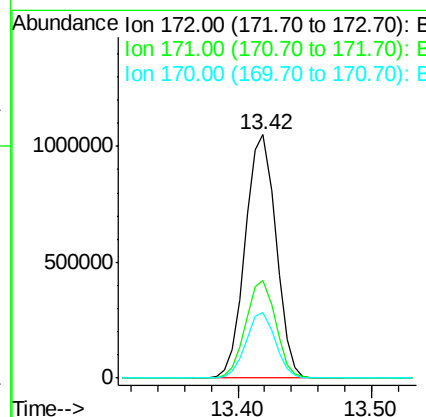
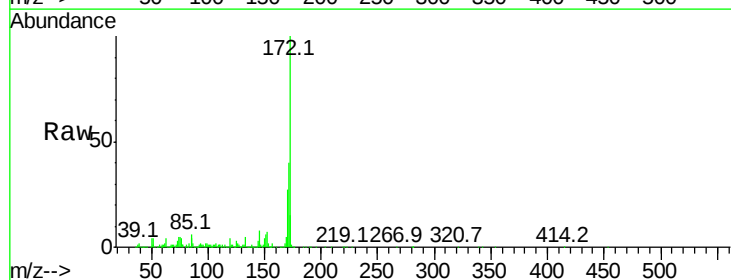
Instrument :
 BNA_G
 ClientSampled :

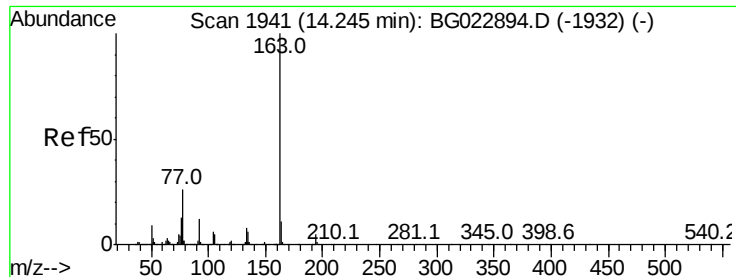
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	35.4	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 67.41 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022947.D
 Acq: 9 Jul 2016 2:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.6	47.4
170	27.1	21.3	31.9





#49

Dimethylphthalate

Concen: 55.93 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

Instrument :

BNA_G

ClientSampleId :

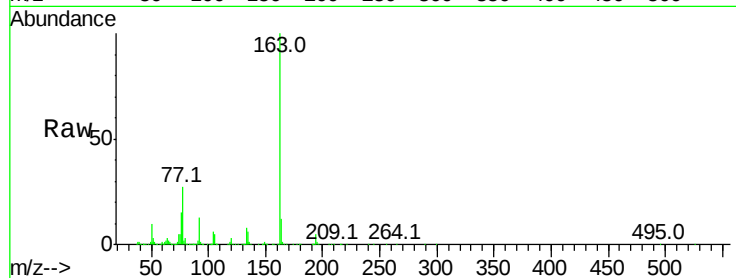
Tot Ion:163 Resp: 1777101

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

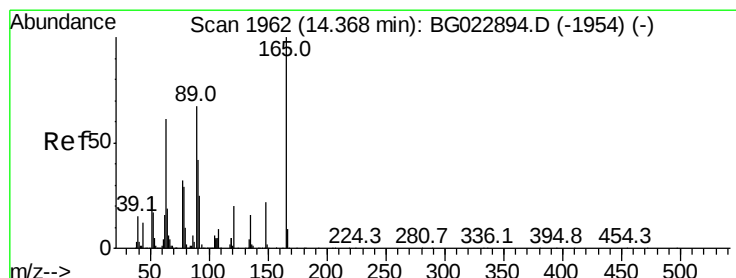
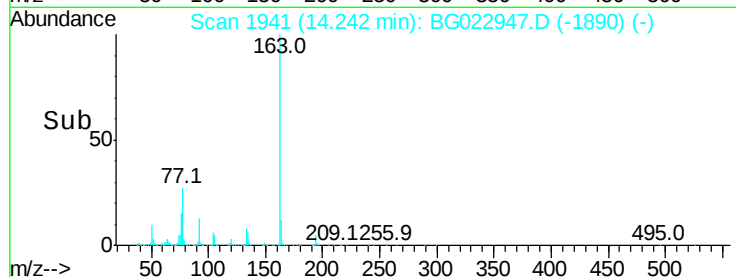
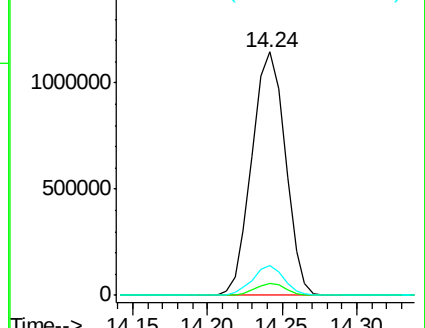
164 12.2 8.1 12.1#



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



#50

2,6-Dinitrotoluene

Concen: 3.23 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.13 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

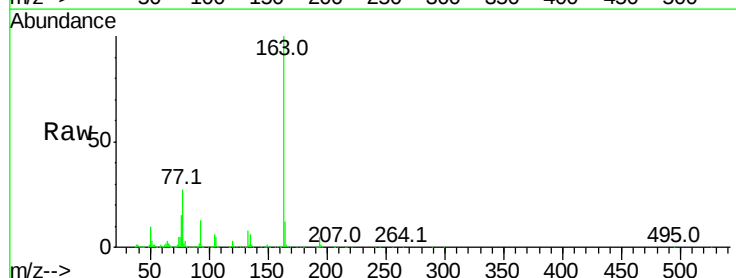
Tgt Ion:165 Resp: 23032

Ion Ratio Lower Upper

165 100

63 162.4 64.3 96.5#

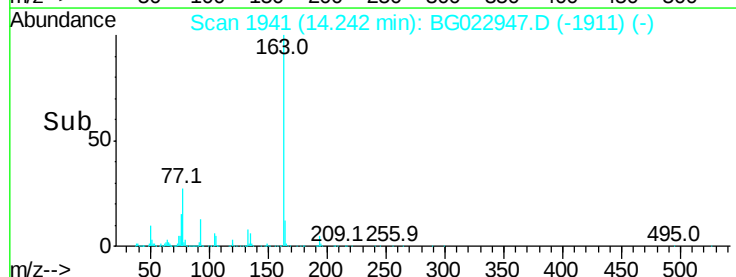
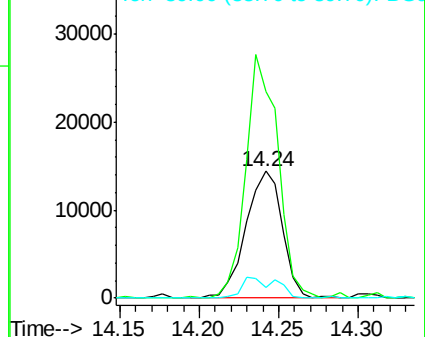
89 8.8 64.3 96.5#

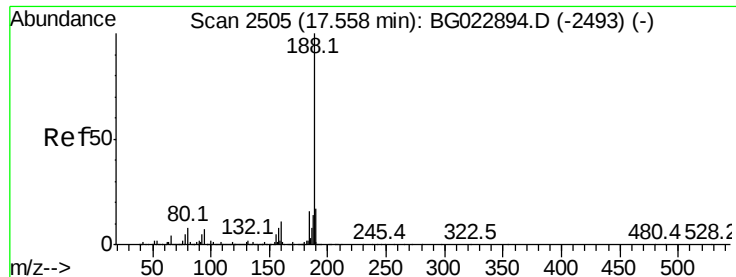


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

Instrument :

BNA_G

ClientSampleId :

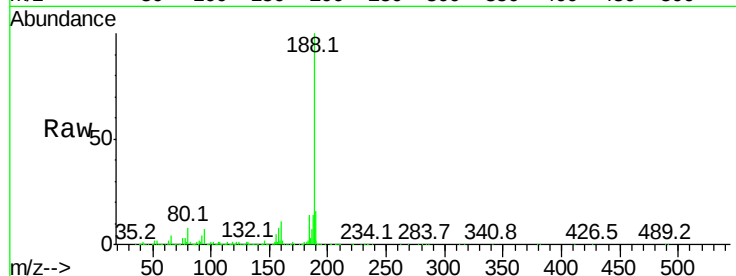
Tot Ion:188 Resp: 914341

Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

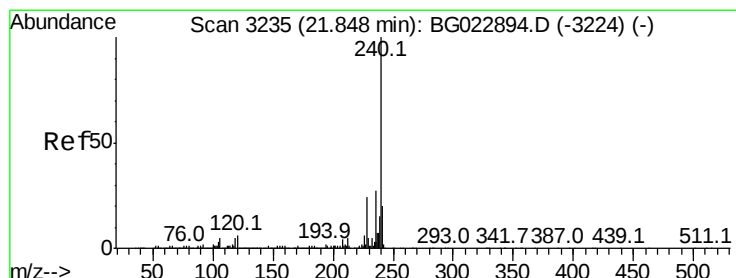
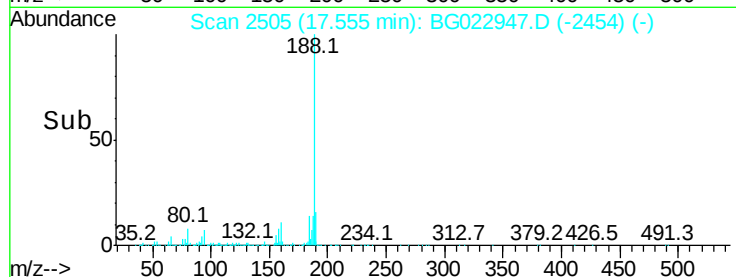
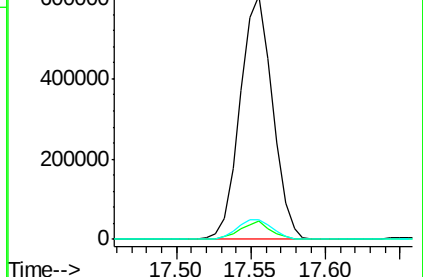
80 8.1 7.2 10.8



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: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

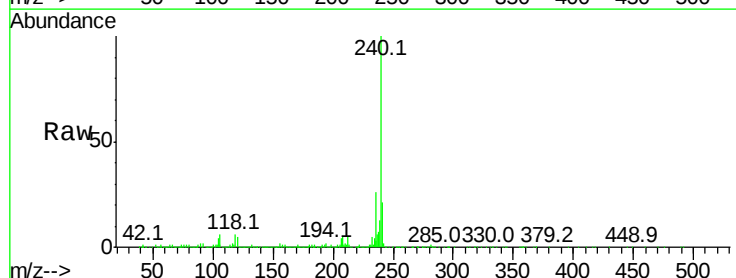
Tgt Ion:240 Resp: 986733

Ion Ratio Lower Upper

240 100

120 5.4 4.1 6.1

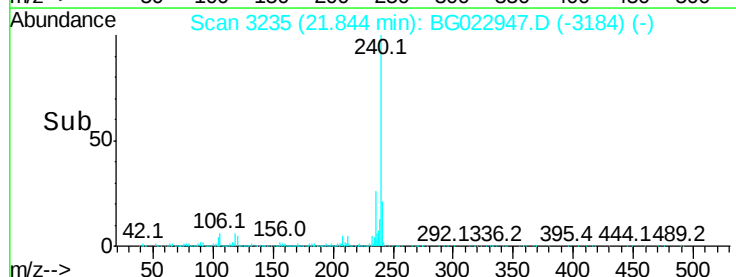
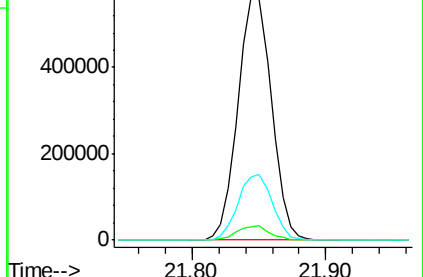
236 25.7 21.1 31.7

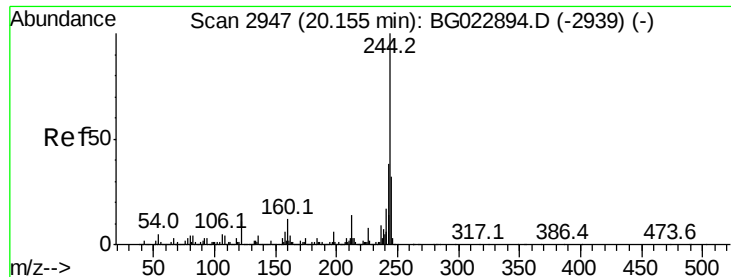


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.63 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

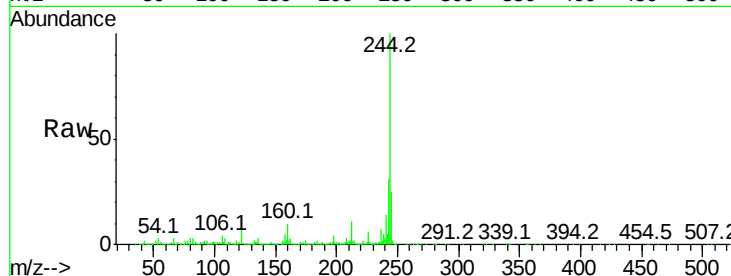
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2410889

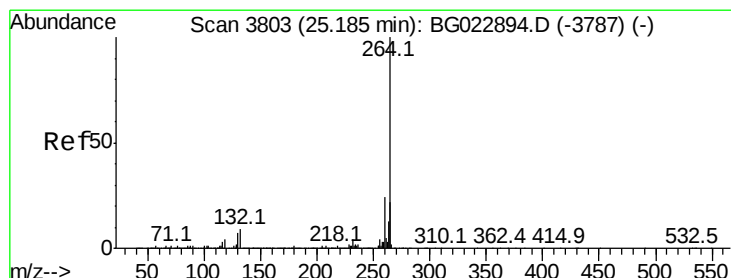
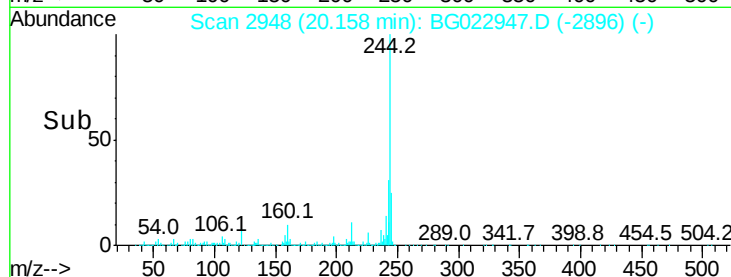
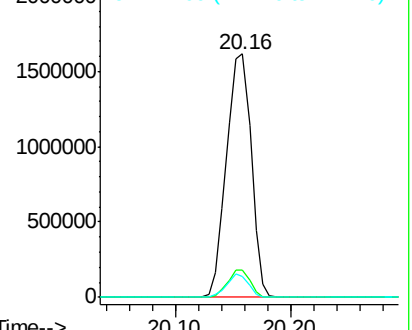
Ion	Ratio	Lower	Upper
244	100		
212	11.5	10.8	16.2
122	8.4	8.0	12.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

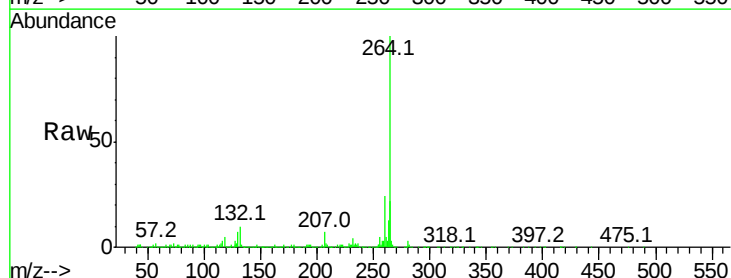
Delta R.T. 0.02 min

Lab File: BG022947.D

Acq: 9 Jul 2016 2:05

Tgt Ion:264 Resp: 1010619

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	22.2	18.9	28.3



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

