

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091415\
 Data File : BG018669.D
 Acq On : 14 Sep 2015 19:37
 Operator : UM/IZ
 Sample : PB85501BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85501BL

Quant Time: Sep 15 01:30:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 01:23:14 2015
 Response via : Initial Calibration

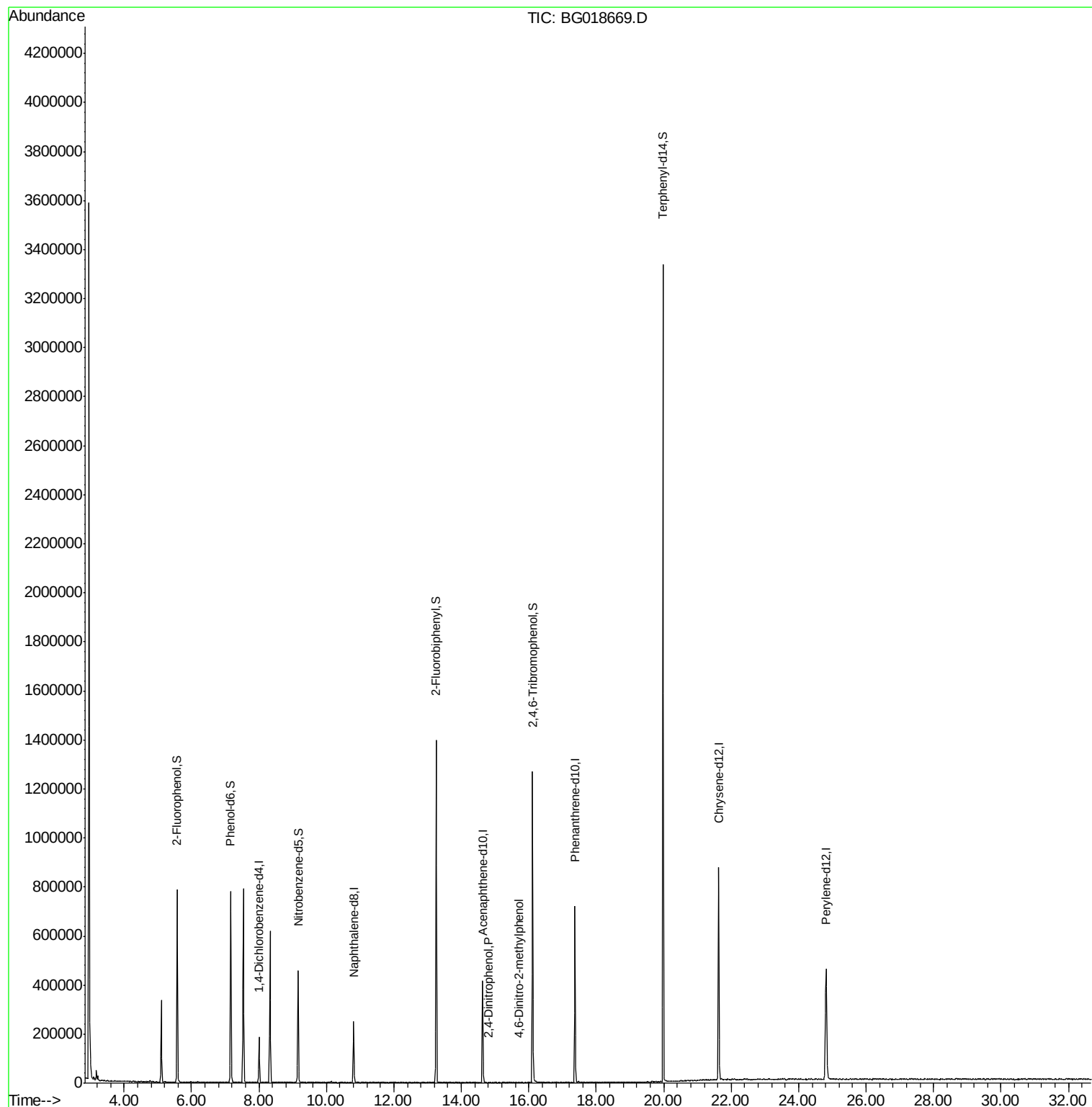
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	55202	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	224500	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	146453	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	455965	20.00	ng	0.00
75) Chrysene-d12	21.63	240	503977	20.00	ng	0.00
86) Perylene-d12	24.81	264	493468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	377275	118.06	ng	0.00
7) Phenol-d6	7.16	99	518775	113.22	ng	0.00
23) Nitrobenzene-d5	9.16	82	287911	71.76	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	250471	127.02	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	768840	72.88	ng	0.00
78) Terphenyl-d14	19.98	244	1429264	74.47	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	14.81	184	55	7.68	ng	# 24
64) 4,6-Dinitro-2-methylphenol	15.70	198	63	5.43	ng	# 33

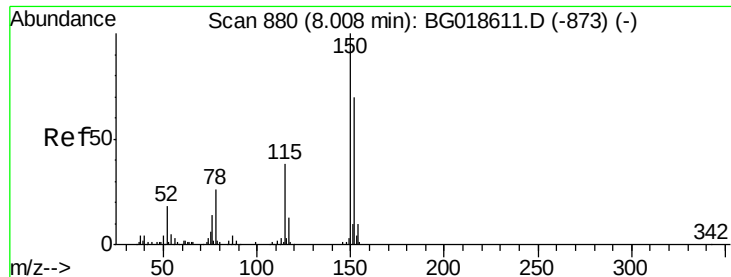
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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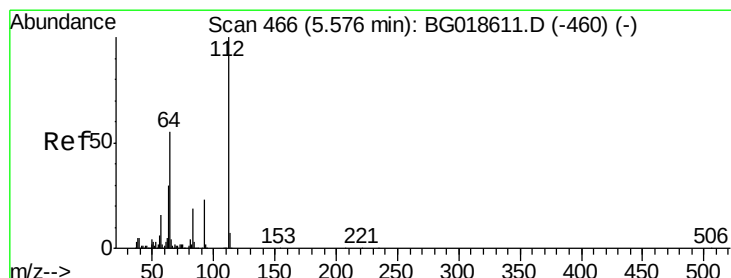
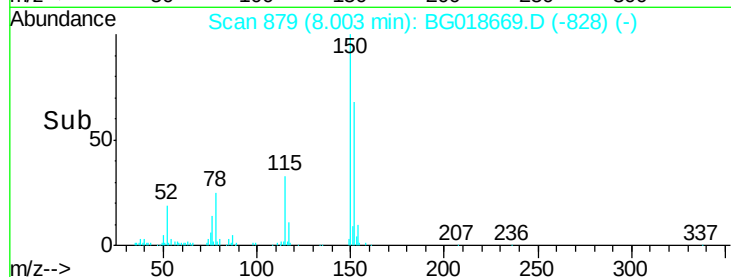
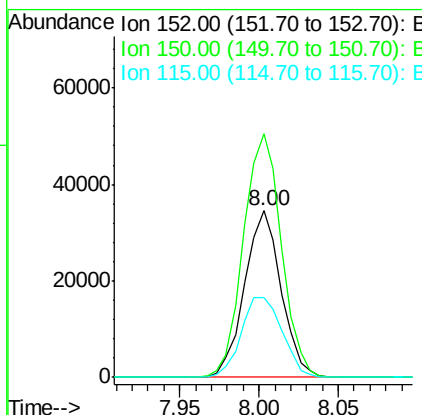
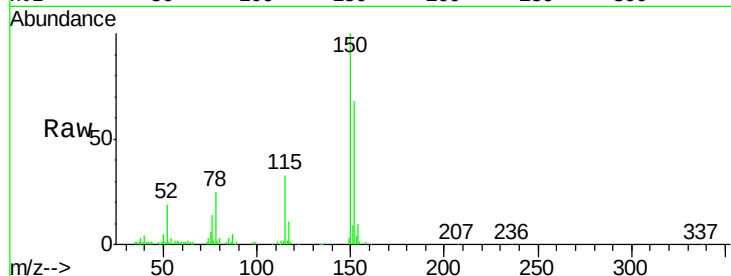


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG018669.D
Acq: 14 Sep 2015 19:37

Instrument :
BNA_G
ClientSampleId :
PB85501BL

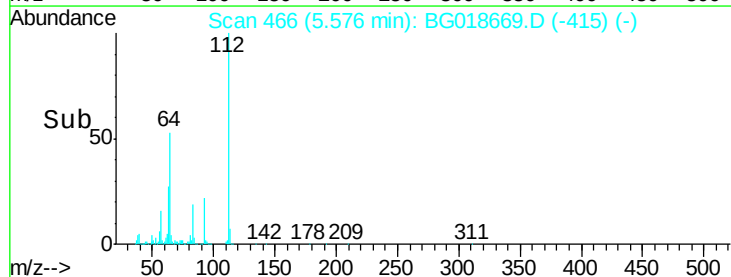
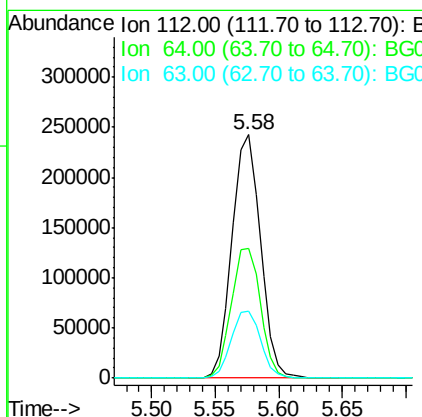
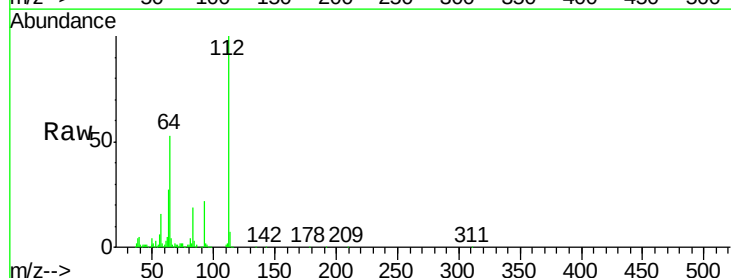
Tot Ion:152 Resp: 55202
Ion Ratio Lower Upper
152 100
150 146.5 115.0 172.4
115 48.2 43.9 65.9

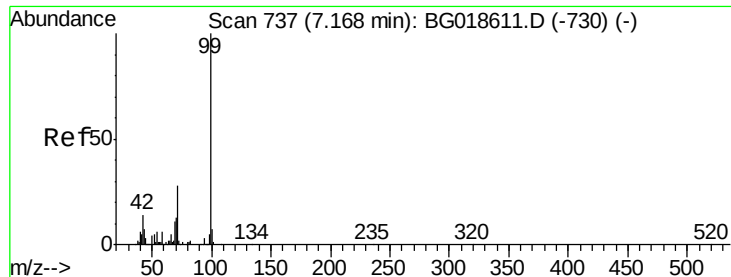


#5

2-Fluorophenol
Concen: 118.06 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018669.D
Acq: 14 Sep 2015 19:37

Tgt Ion:112 Resp: 377275
Ion Ratio Lower Upper
112 100
64 53.1 43.7 65.5
63 27.5 24.0 36.0





#7

Phenol-d6

Concen: 113.22 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018669.D

Acq: 14 Sep 2015 19:37

Instrument :

BNA_G

ClientSampleId :

PB85501BL

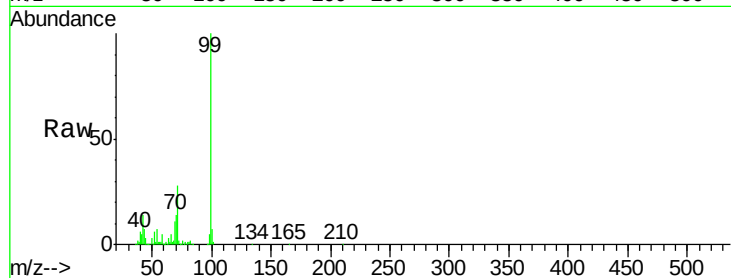
Tot Ion: 99 Resp: 518775

Ion Ratio Lower Upper

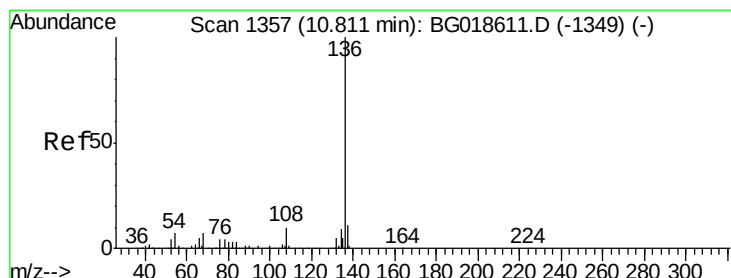
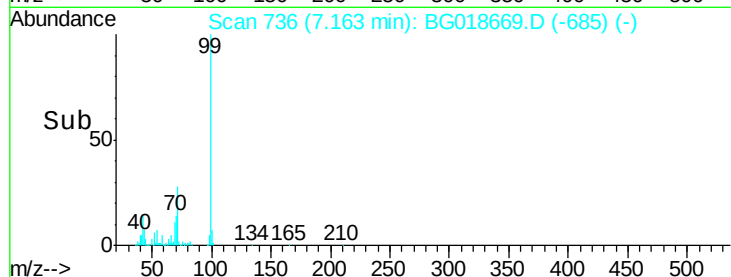
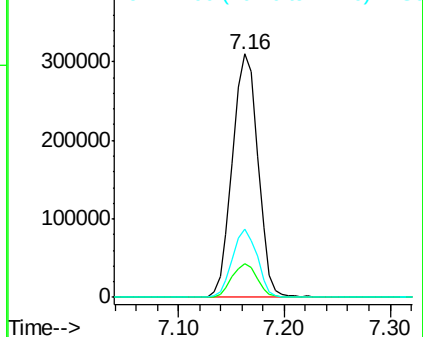
99 100

42 13.7 11.5 17.3

71 28.3 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG018669.D

Acq: 14 Sep 2015 19:37

Tgt Ion: 136 Resp: 224500

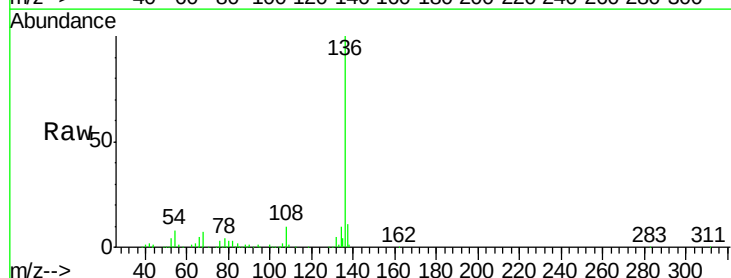
Ion Ratio Lower Upper

136 100

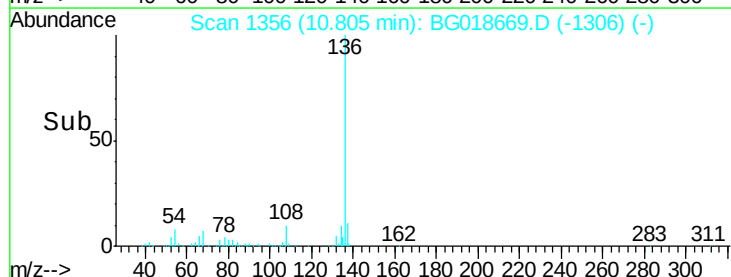
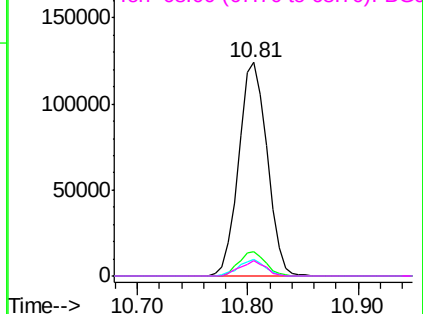
137 11.4 8.6 12.8

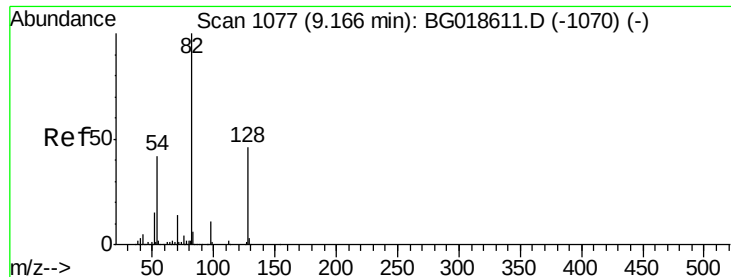
54 7.7 5.4 8.2

68 7.1 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

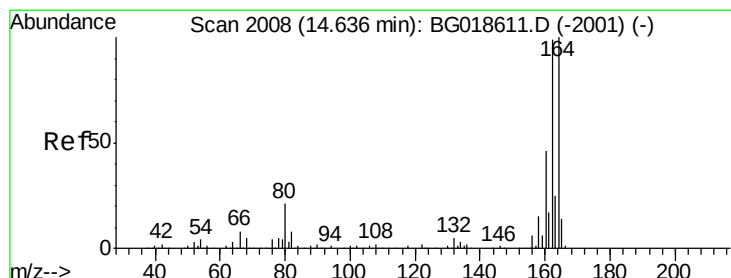
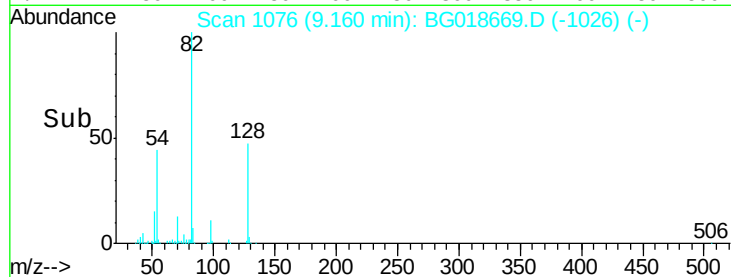
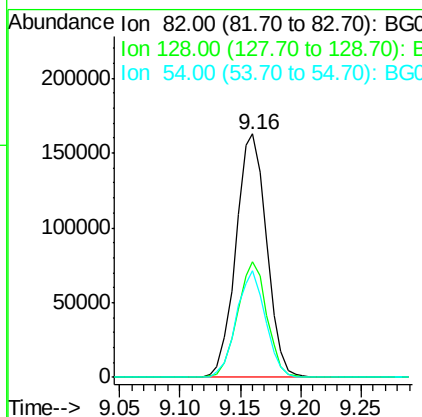
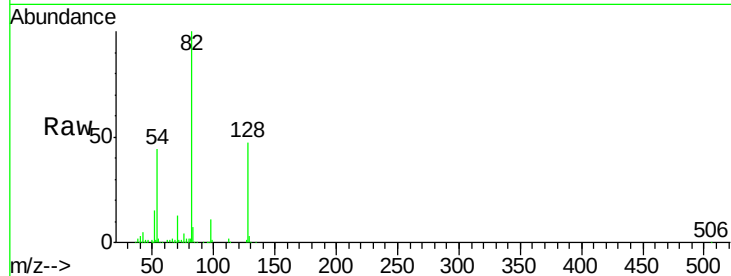




#23
 Nitrobenzene-d5
 Concen: 71.76 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BG018669.D
 Acq: 14 Sep 2015 19:37

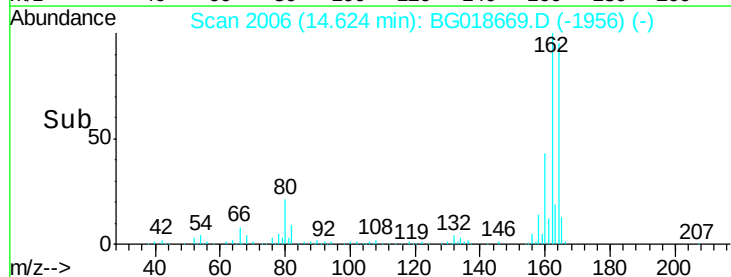
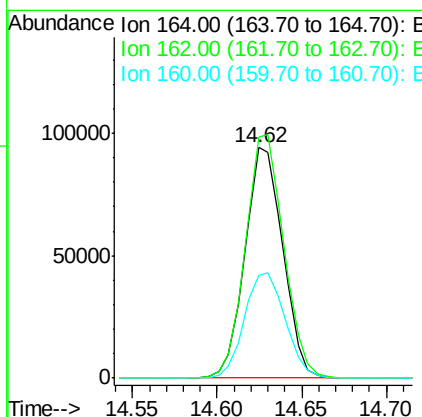
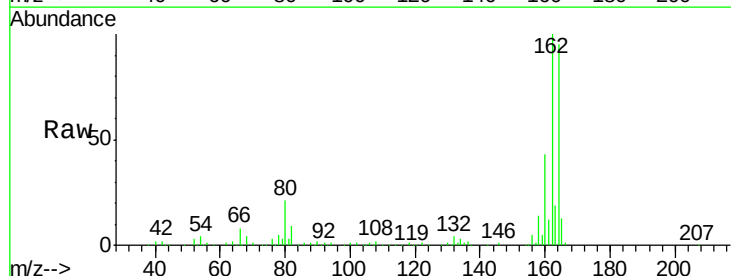
Instrument :
 BNA_G
 ClientSampleId :
 PB85501BL

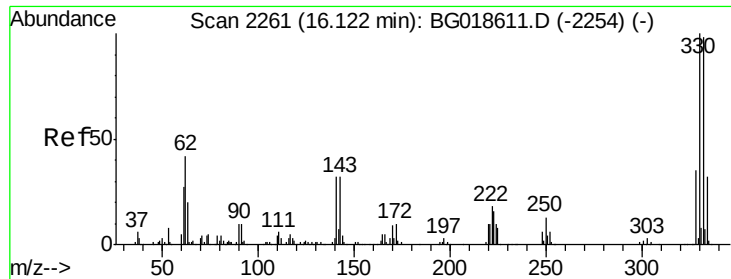
Tot Ion	82	Resp	287911
Ion Ratio	Lower	Upper	
82	100		
128	47.4	36.7	55.1
54	43.7	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG018669.D
 Acq: 14 Sep 2015 19:37

Tgt Ion	164	Resp	146453
Ion Ratio	Lower	Upper	
164	100		
162	104.8	78.8	118.2
160	44.9	36.4	54.6

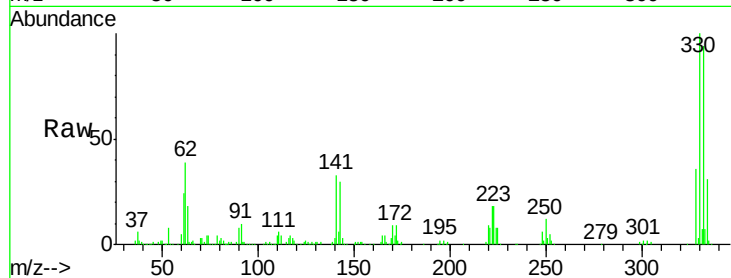




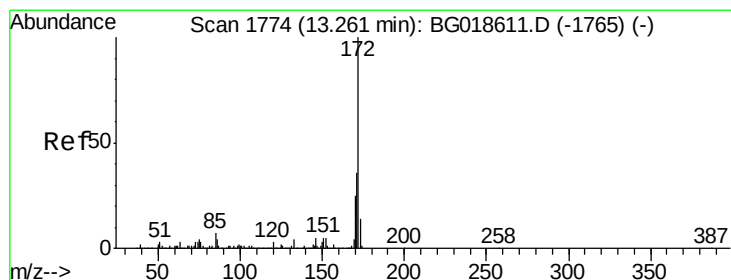
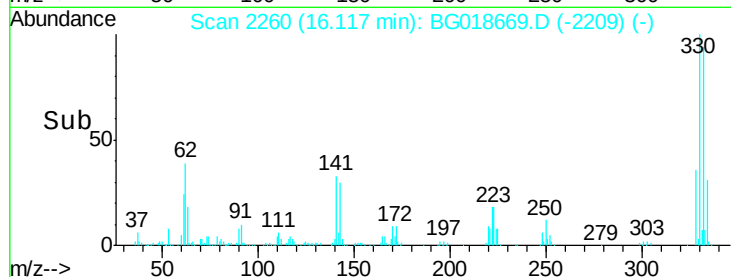
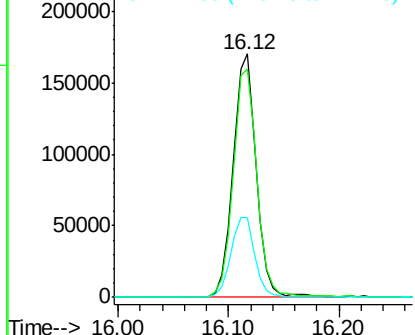
#41
 2,4,6-Tribromophenol
 Concen: 127.02 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BG018669.D
 Acq: 14 Sep 2015 19:37

Instrument :
 BNA_G
 ClientSampleId :
 PB85501BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.1	117.1
141	34.2	28.2	42.2

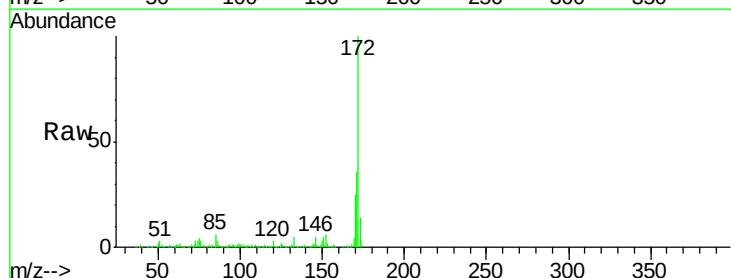


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

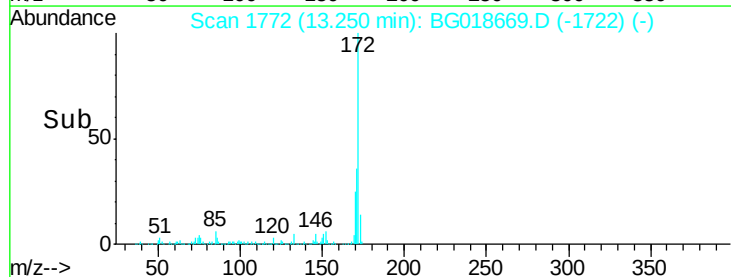
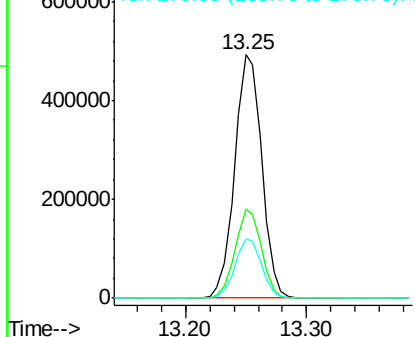


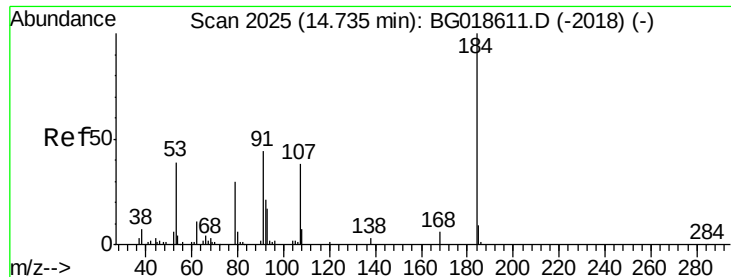
#44
 2-Fluorobiphenyl
 Concen: 72.88 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG018669.D
 Acq: 14 Sep 2015 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.6	19.9	29.9



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

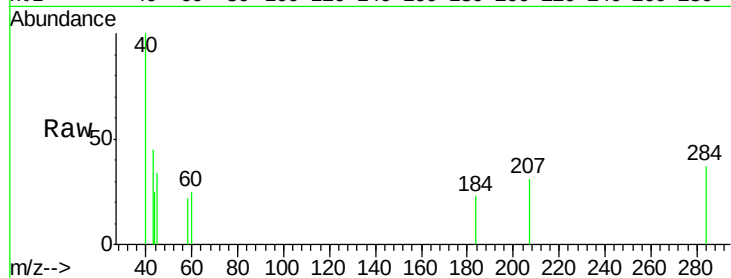




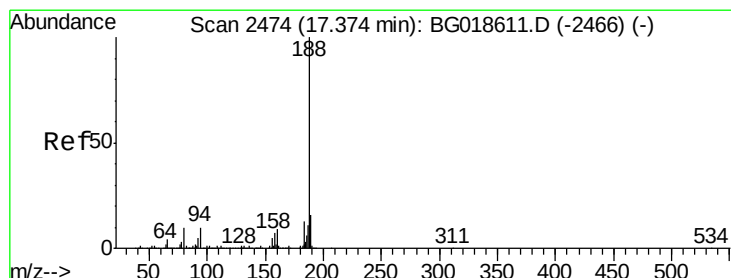
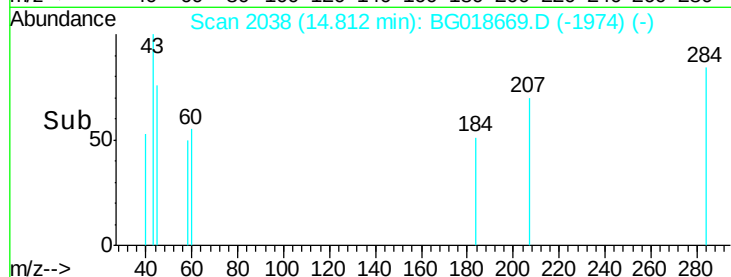
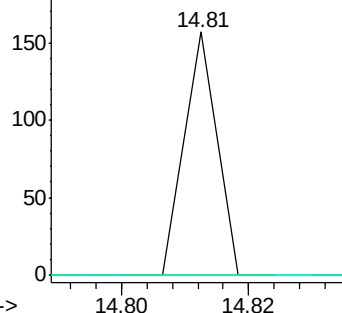
#53
 2,4-Dinitrophenol
 Concen: 7.68 ng
 RT: 14.81 min Scan# 2038
 Delta R.T. 0.08 min
 Lab File: BG018669.D
 Acq: 14 Sep 2015 19:37

Instrument :
 BNA_G
 ClientSampleId :
 PB85501BL

Tot Ion	Ratio	Lower	Upper
184	100		
63	0.0	42.7	64.1#
154	0.0	44.3	66.5#

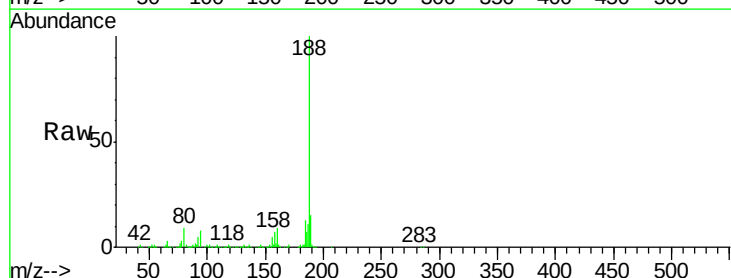


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

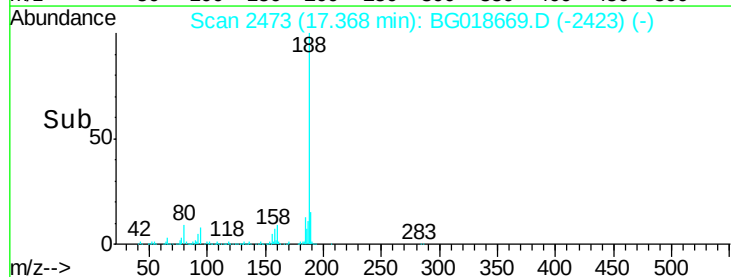
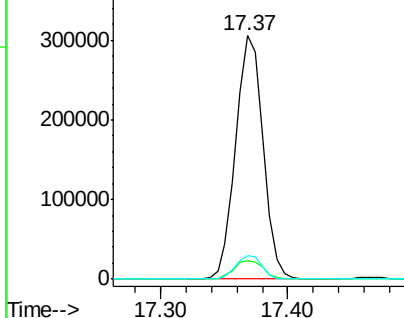


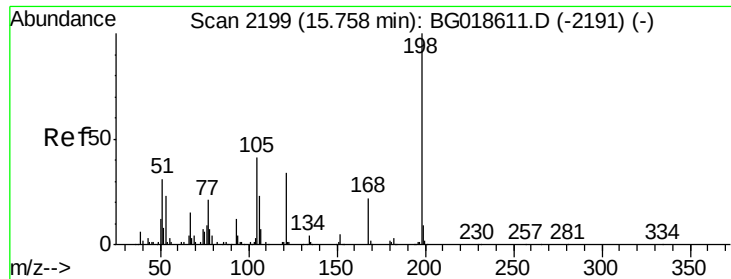
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG018669.D
 Acq: 14 Sep 2015 19:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.7	11.5
80	9.4	7.8	11.8



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

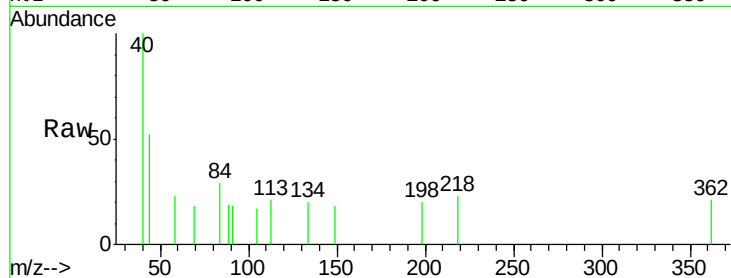




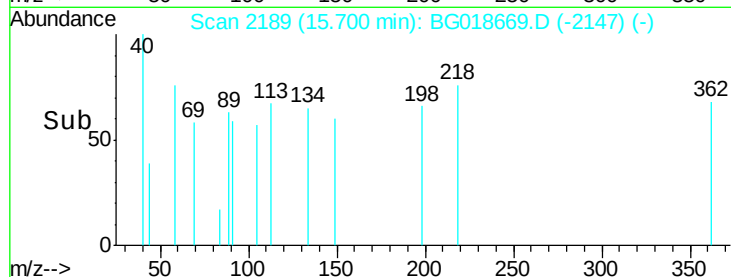
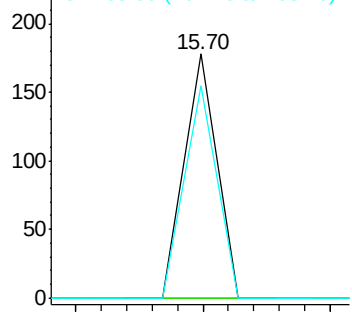
#64
4,6-Dinitro-2-methylphenol
Concen: 5.43 ng
RT: 15.70 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BG018669.D
Acq: 14 Sep 2015 19:37

Instrument :
BNA_G
ClientSampleId :
PB85501BL

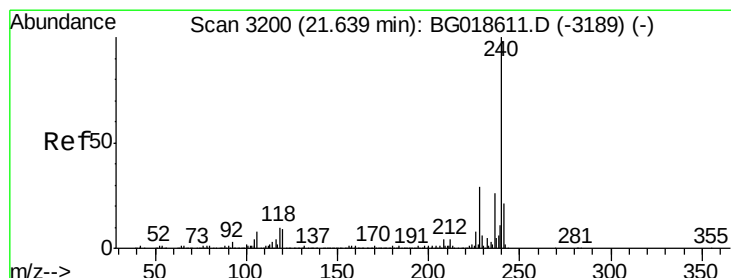
Tot Ion:198 Resp: 63
Ion Ratio Lower Upper
198 100
51 0.0 14.2 54.2#
105 87.1 21.1 61.1#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

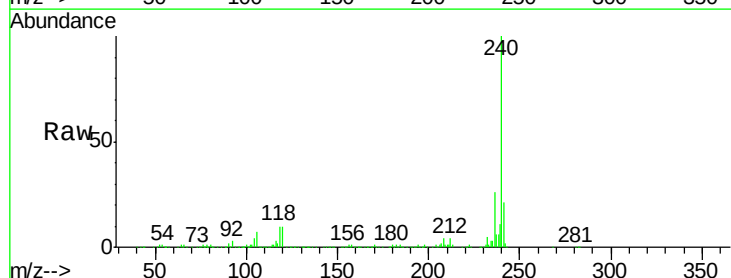


Time-->

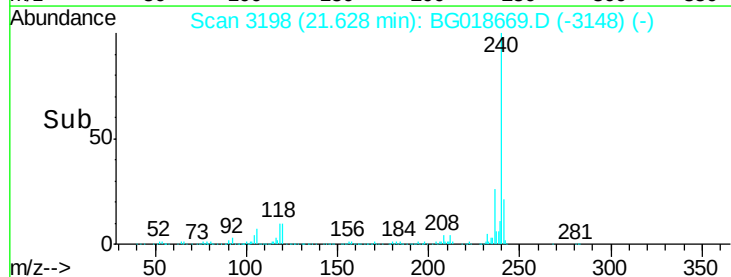
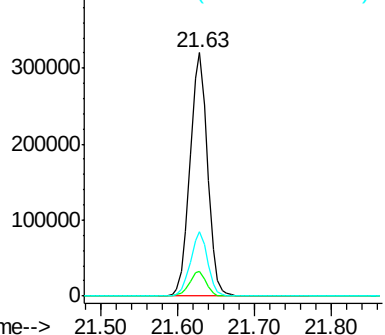


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018669.D
Acq: 14 Sep 2015 19:37

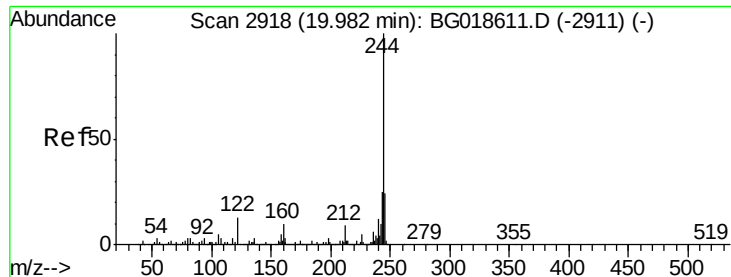
Tgt Ion:240 Resp: 503977
Ion Ratio Lower Upper
240 100
120 10.3 7.4 11.0
236 26.3 20.7 31.1



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



Time-->



#78

Terphenyl-d14

Concen: 74.47 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG018669.D

Acq: 14 Sep 2015 19:37

Instrument :

BNA_G

ClientSampled :

PB85501BL

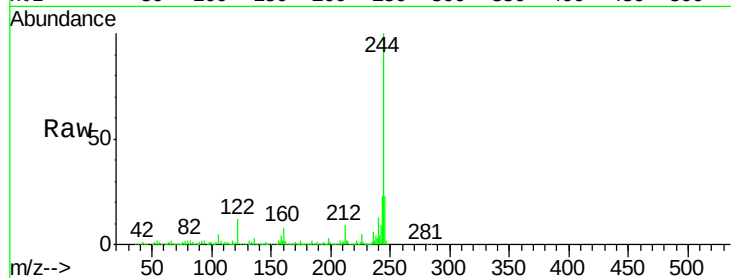
Tot Ion:244 Resp: 1429264

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

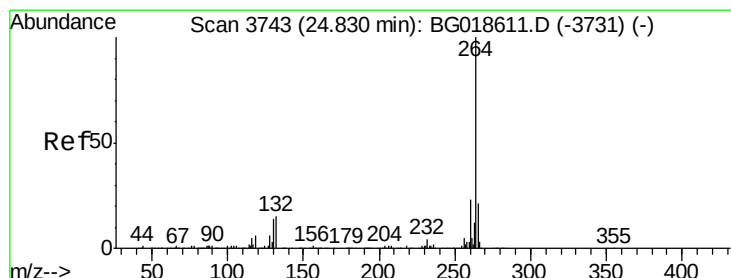
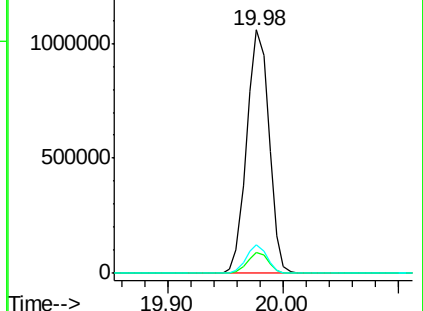
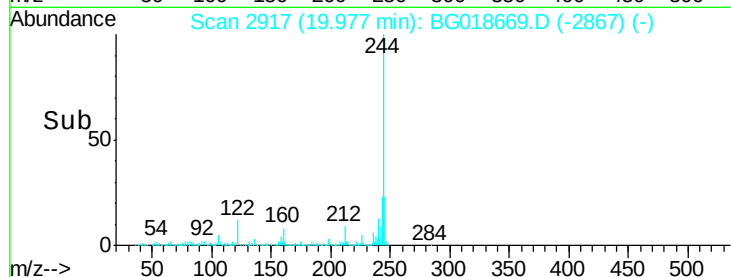
122 11.6 10.2 15.2



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: 24.81 min Scan# 3740

Delta R.T. -0.01 min

Lab File: BG018669.D

Acq: 14 Sep 2015 19:37

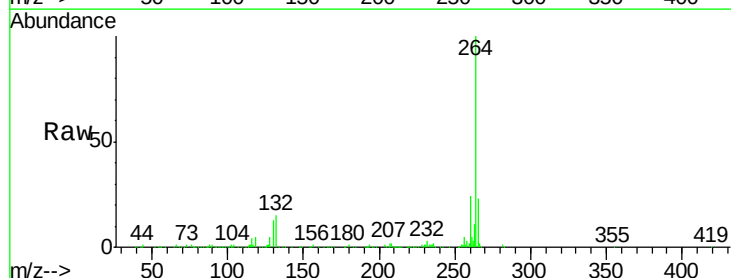
Tgt Ion:264 Resp: 493468

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.7 17.2 25.8



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

