

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091215\
 Data File : BG018651.D
 Acq On : 11 Sep 2015 22:37
 Operator : UM/IZ
 Sample : G3558-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3WS

Quant Time: Sep 12 00:57:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

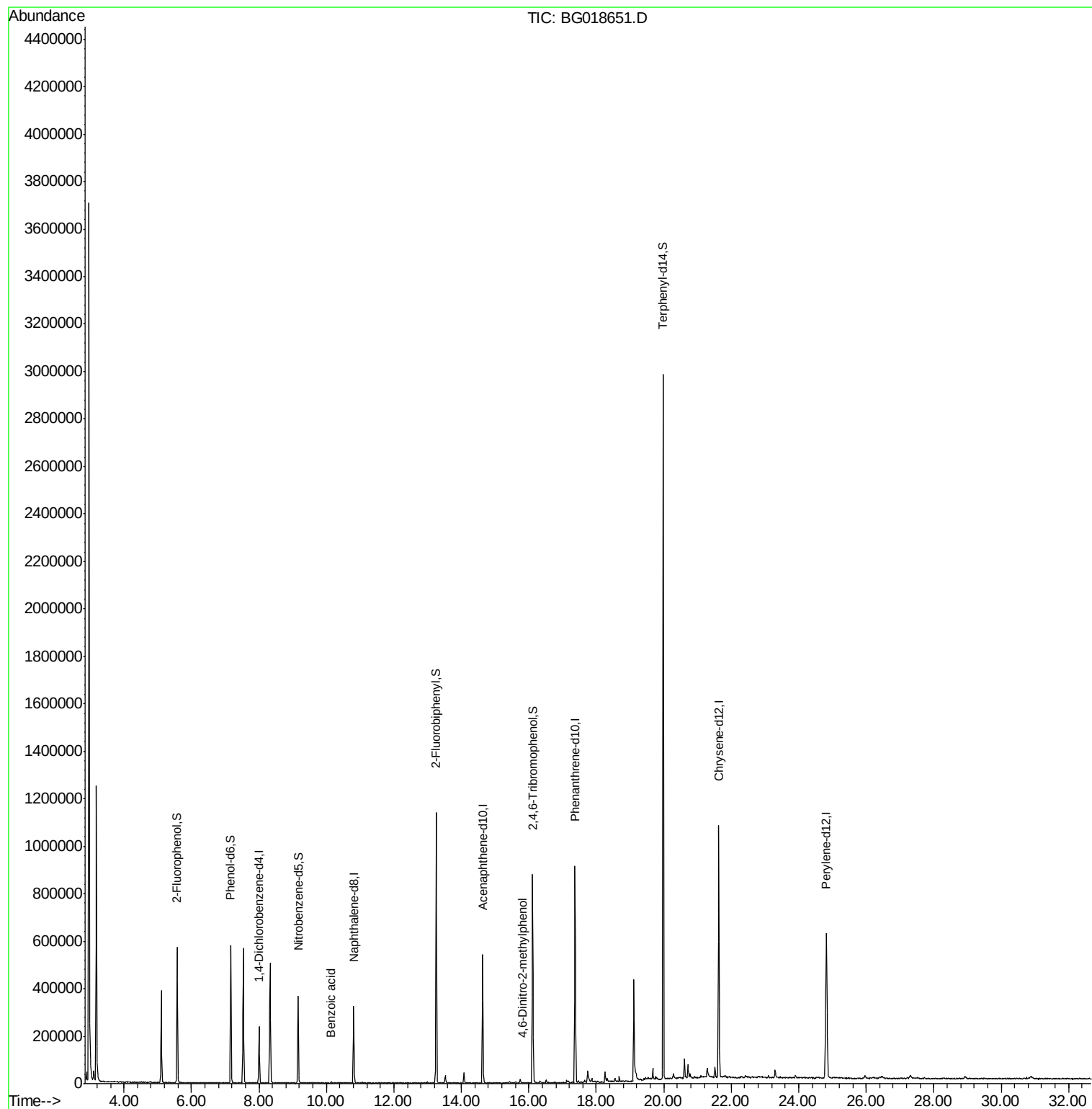
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	69574	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	281351	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	187233	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	565246	20.00	ng	0.00
75) Chrysene-d12	21.63	240	648153	20.00	ng	0.00
86) Perylene-d12	24.82	264	647047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	272188	67.58	ng	0.00
7) Phenol-d6	7.16	99	373472	64.67	ng	0.00
23) Nitrobenzene-d5	9.16	82	235525	46.84	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	161538	64.08	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	619074	45.90	ng	0.00
78) Terphenyl-d14	19.98	244	1322902	53.60	ng	0.00
Target Compounds						
32) Benzoic acid	10.14	122	73	7.95	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.83	198	64	5.42	ng	# 37

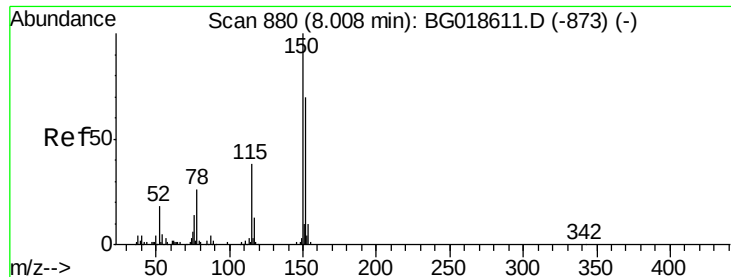
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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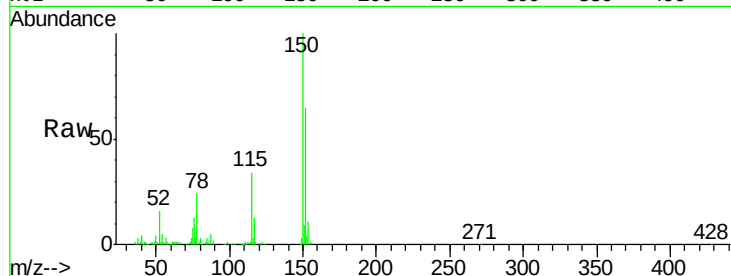


#1

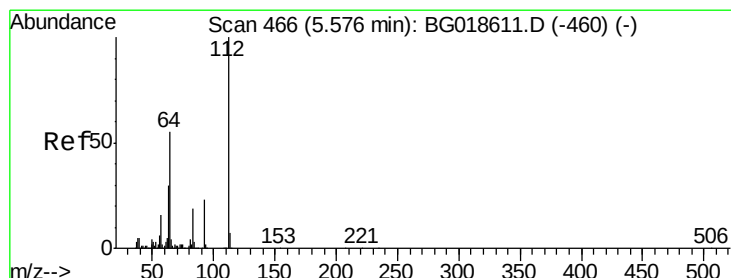
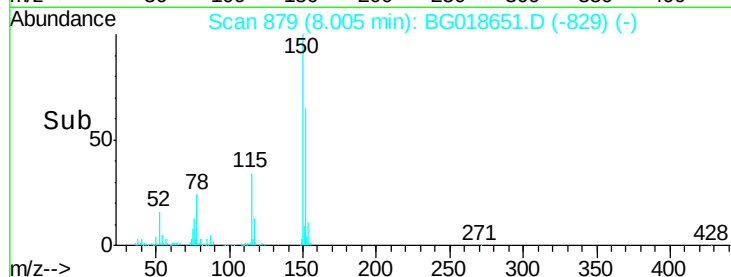
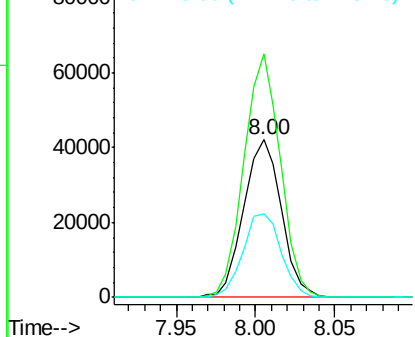
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG018651.D
Acq: 11 Sep 2015 22:37

Instrument :
BNA_G
ClientSampleId :
SB-3WS

Tot Ion:152 Resp: 69574
Ion Ratio Lower Upper
152 100
150 154.9 115.0 172.4
115 53.2 43.9 65.9



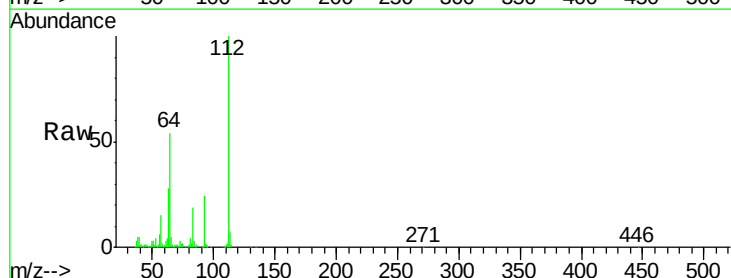
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



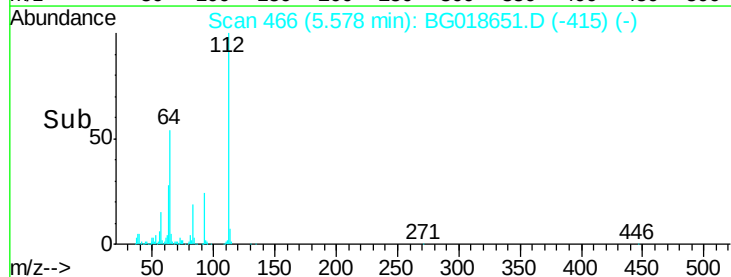
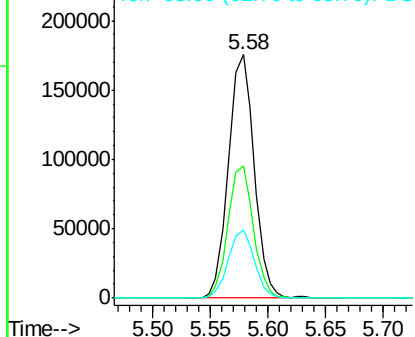
#5

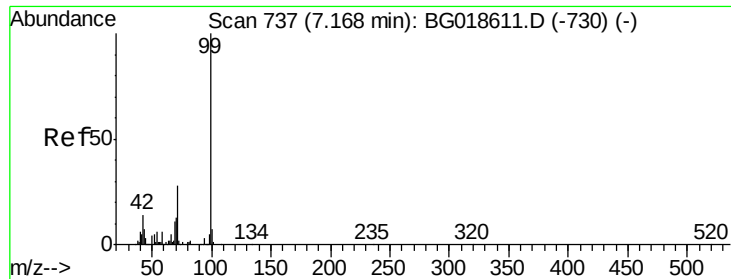
2-Fluorophenol
Concen: 67.58 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018651.D
Acq: 11 Sep 2015 22:37

Tgt Ion:112 Resp: 272188
Ion Ratio Lower Upper
112 100
64 54.1 43.7 65.5
63 28.3 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 64.67 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018651.D

Acq: 11 Sep 2015 22:37

Instrument :

BNA_G

ClientSampleId :

SB-3WS

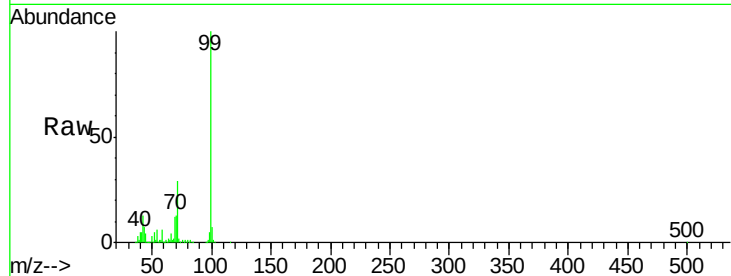
Tot Ion: 99 Resp: 373472

Ion Ratio Lower Upper

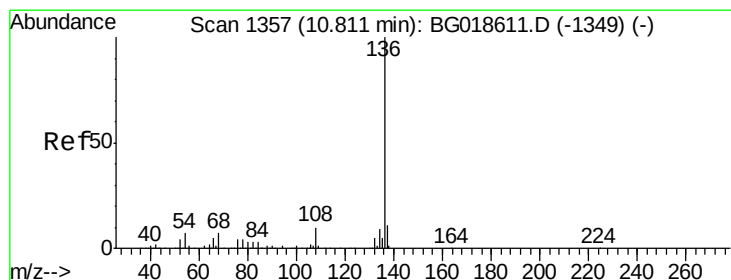
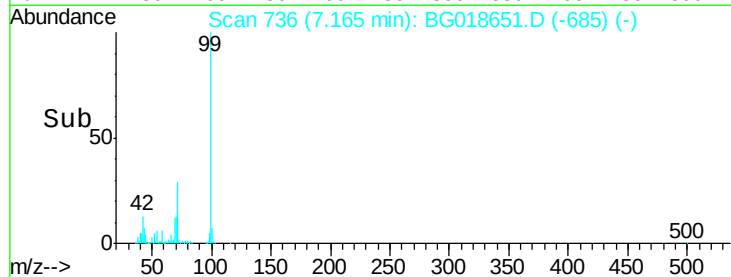
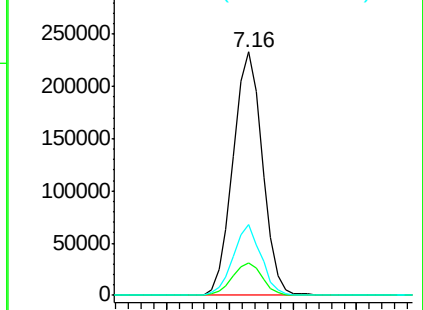
99 100

42 13.5 11.5 17.3

71 29.1 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. -0.00 min

Lab File: BG018651.D

Acq: 11 Sep 2015 22:37

Tgt Ion: 136 Resp: 281351

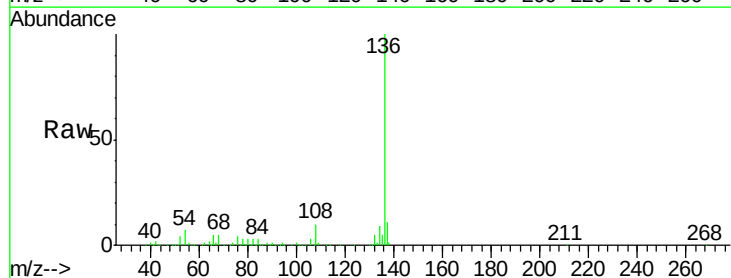
Ion Ratio Lower Upper

136 100

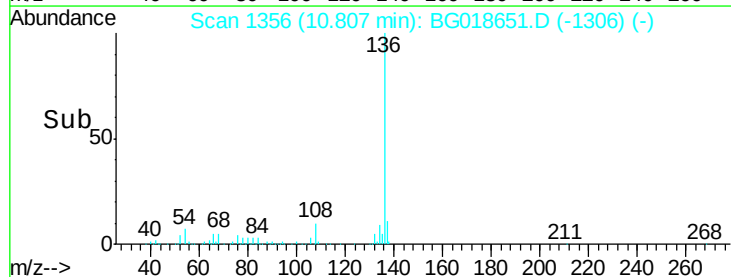
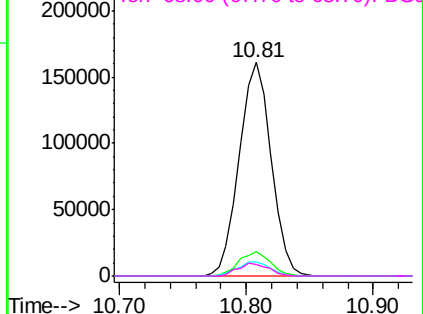
137 11.2 8.6 12.8

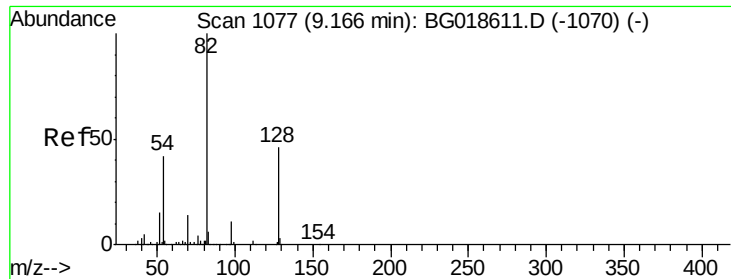
54 6.8 5.4 8.2

68 5.4 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

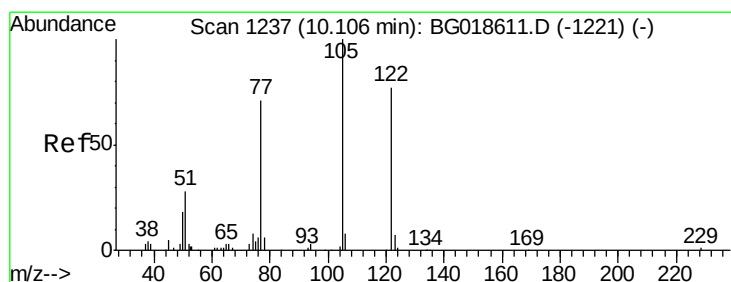
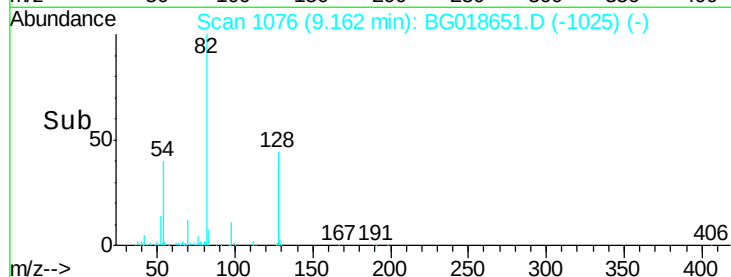
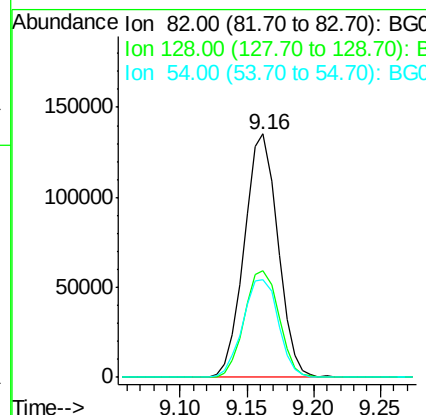
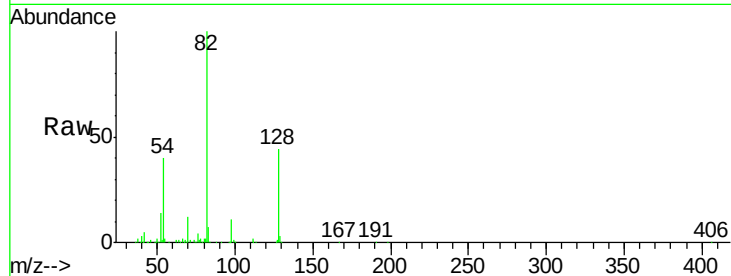




#23
Nitrobenzene-d5
Concen: 46.84 ng
RT: 9.16 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BG018651.D
Acq: 11 Sep 2015 22:37

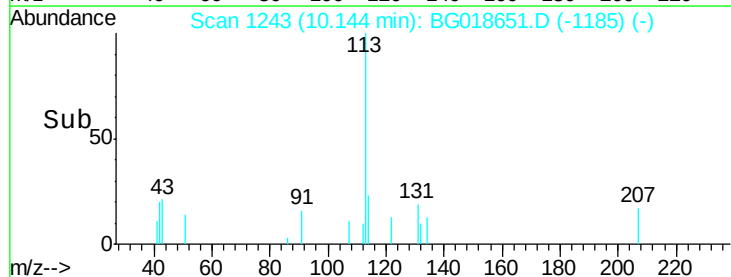
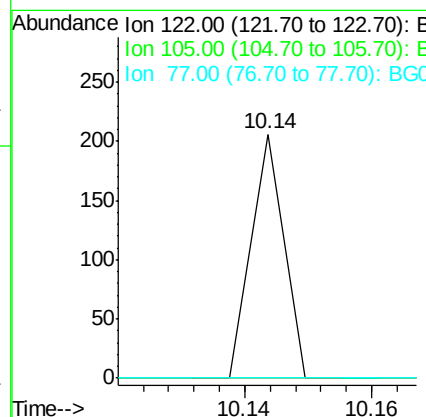
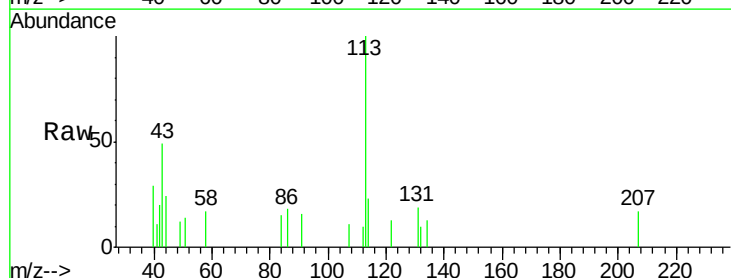
Instrument :
BNA_G
ClientSampleId :
SB-3WS

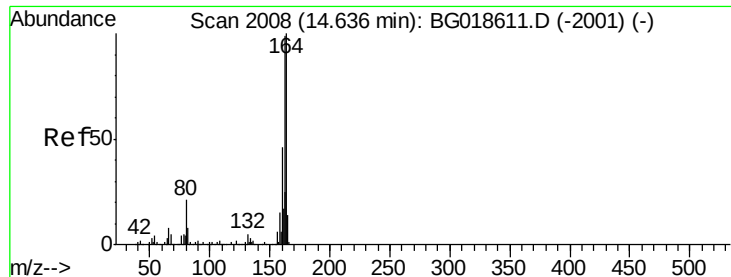
Tot Ion	82	Resp	235525
Ion Ratio	Lower	Upper	
82	100		
128	43.7	36.7	55.1
54	40.2	33.8	50.8



#32
Benzoic acid
Concen: 7.95 ng
RT: 10.14 min Scan# 1243
Delta R.T. 0.04 min
Lab File: BG018651.D
Acq: 11 Sep 2015 22:37

Tgt Ion	122	Resp	73
Ion Ratio	Lower	Upper	
122	100		
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG018651.D

Acq: 11 Sep 2015 22:37

Instrument :

BNA_G

ClientSampleId :

SB-3WS

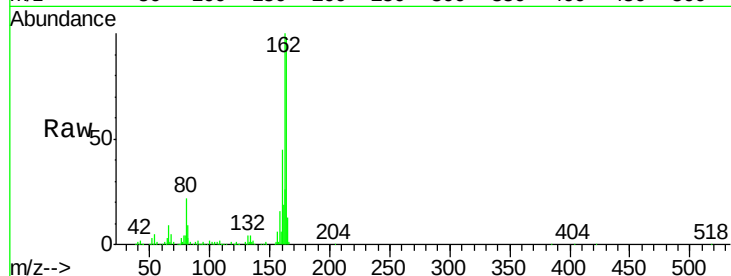
Tot Ion:164 Resp: 187233

Ion Ratio Lower Upper

164 100

162 101.6 78.8 118.2

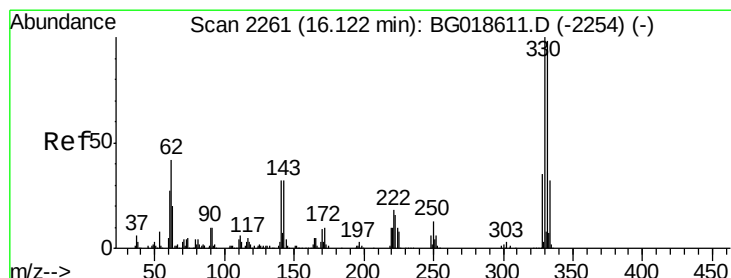
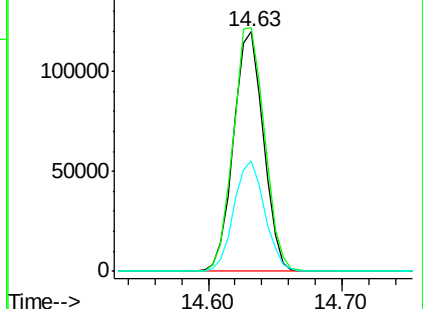
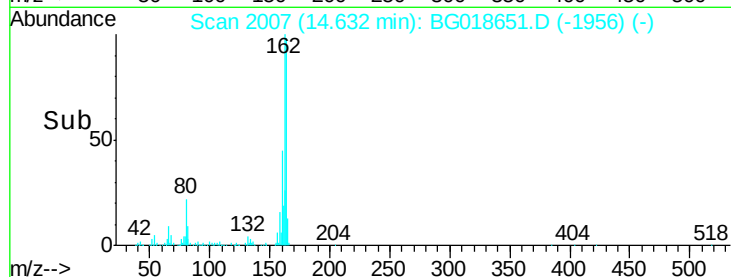
160 46.1 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 64.08 ng

RT: 16.11 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BG018651.D

Acq: 11 Sep 2015 22:37

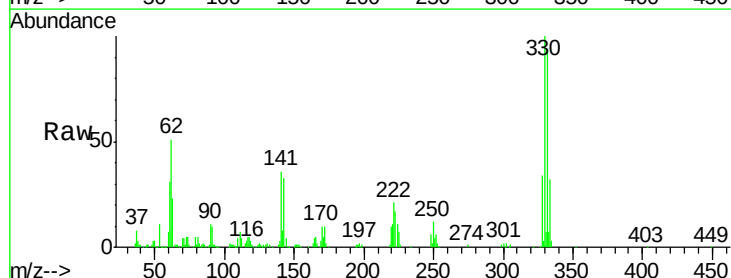
Tgt Ion:330 Resp: 161538

Ion Ratio Lower Upper

330 100

332 96.0 78.1 117.1

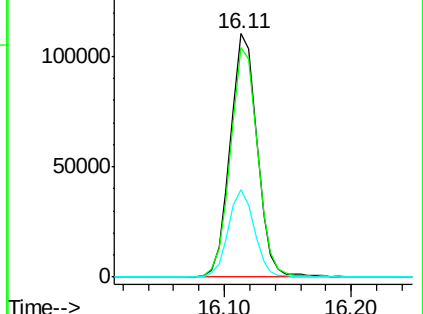
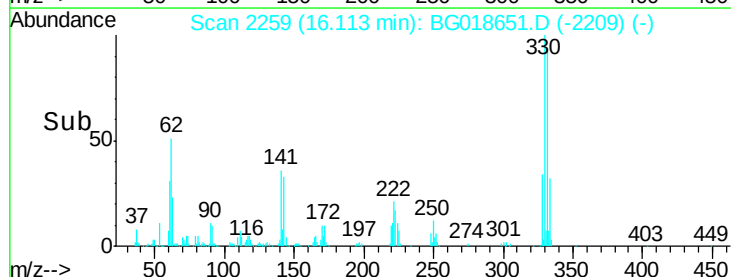
141 35.0 28.2 42.2

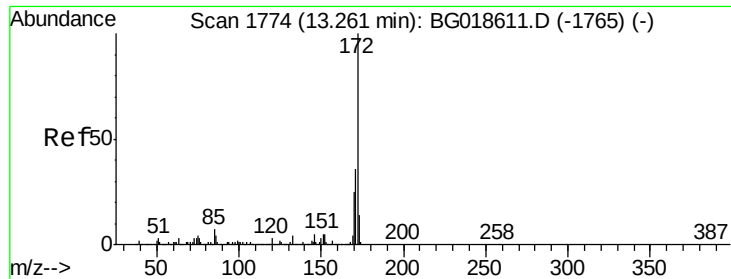


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

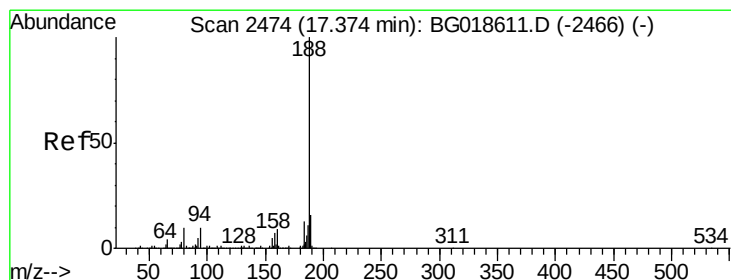
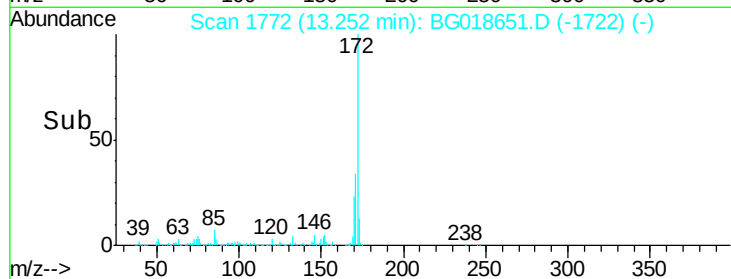
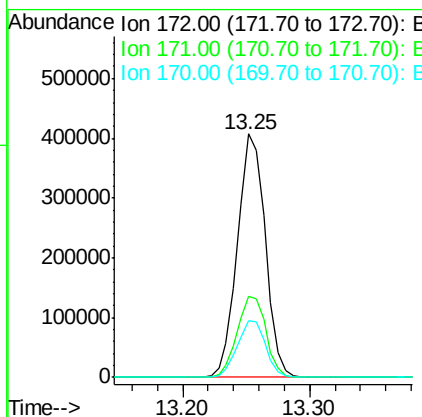
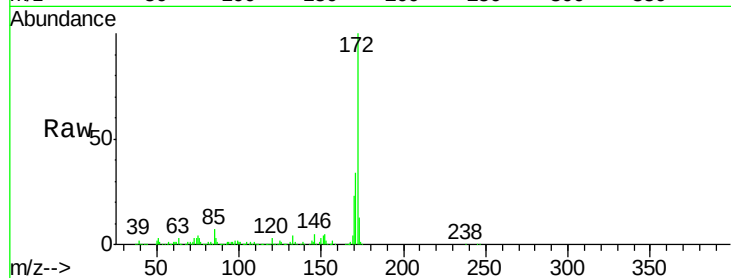




#44
 2-Fluorobiphenyl
 Concen: 45.90 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG018651.D
 Acq: 11 Sep 2015 22:37

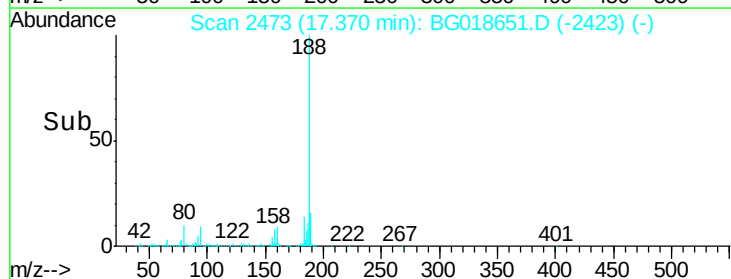
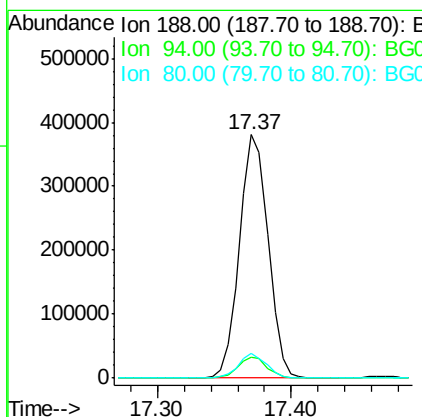
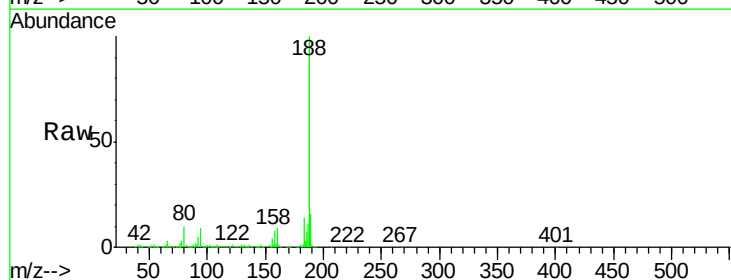
Instrument :
 BNA_G
 ClientSampled :
 SB-3WS

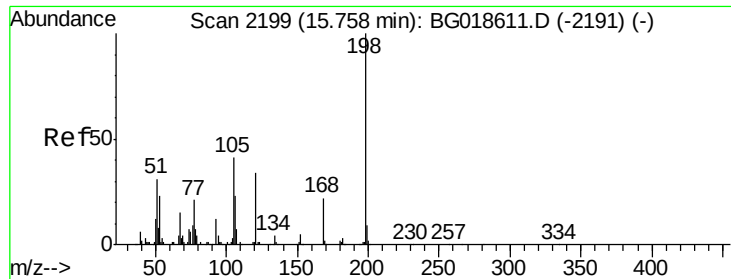
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.0	43.6
170	23.5	19.9	29.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2473
 Delta R.T. -0.00 min
 Lab File: BG018651.D
 Acq: 11 Sep 2015 22:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.7	11.5
80	10.1	7.8	11.8

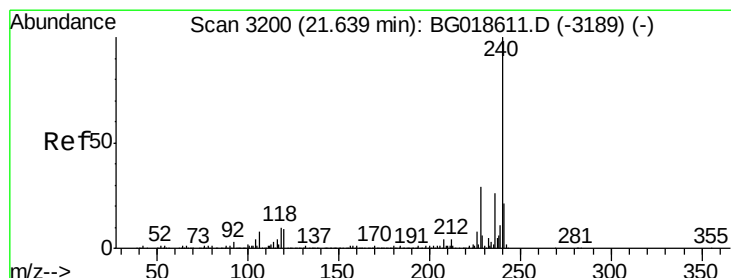
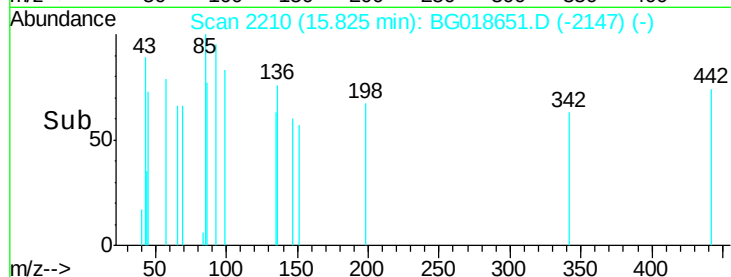
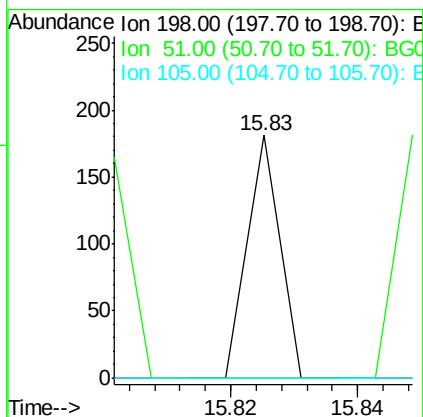
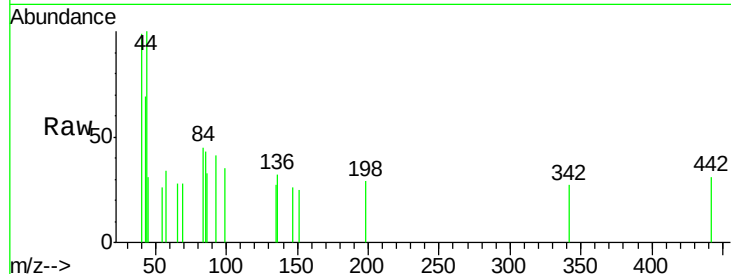




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.42 ng
 RT: 15.83 min Scan# 2210
 Delta R.T. 0.07 min
 Lab File: BG018651.D
 Acq: 11 Sep 2015 22:37

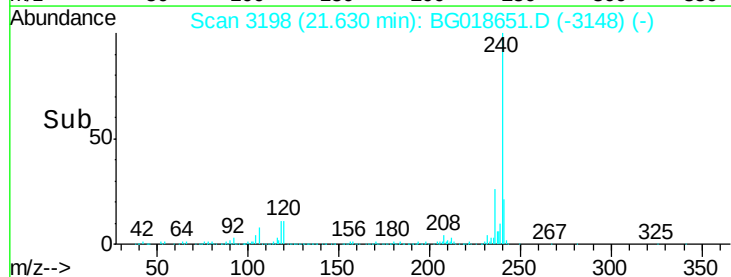
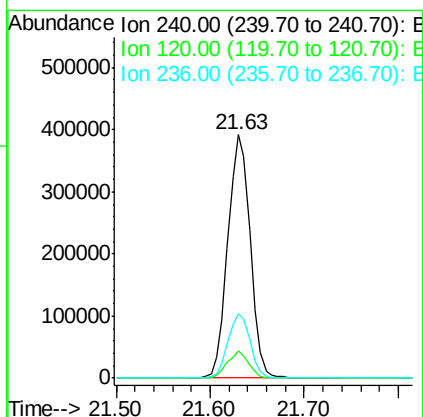
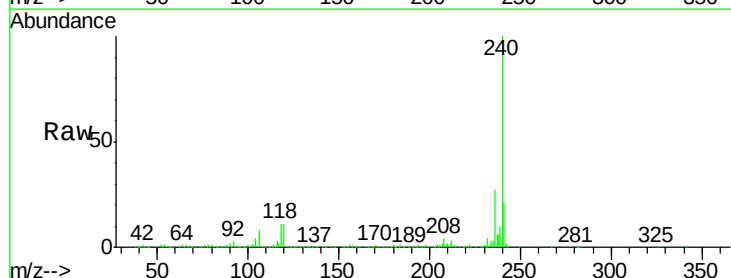
Instrument :
 BNA_G
 ClientSampled :
 SB-3WS

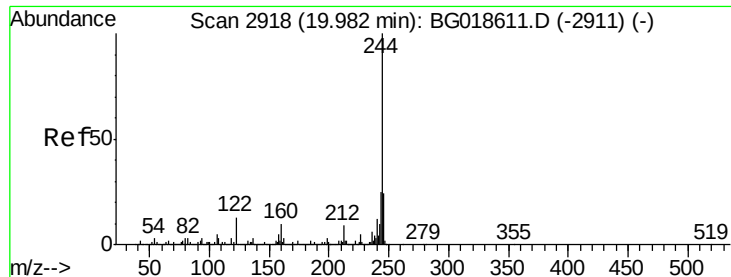
Tot Ion:198 Resp: 64
 Ion Ratio Lower Upper
 198 100
 51 0.0 14.2 54.2#
 105 0.0 21.1 61.1#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.63 min Scan# 3198
 Delta R.T. -0.00 min
 Lab File: BG018651.D
 Acq: 11 Sep 2015 22:37

Tgt Ion:240 Resp: 648153
 Ion Ratio Lower Upper
 240 100
 120 11.1 7.4 11.0#
 236 26.5 20.7 31.1





#78

Terphenyl-d14

Concen: 53.60 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG018651.D

Acq: 11 Sep 2015 22:37

Instrument :

BNA_G

ClientSampleId :

SB-3WS

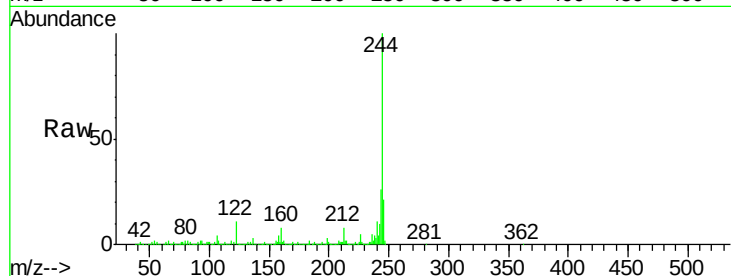
Tot Ion:244 Resp: 1322902

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

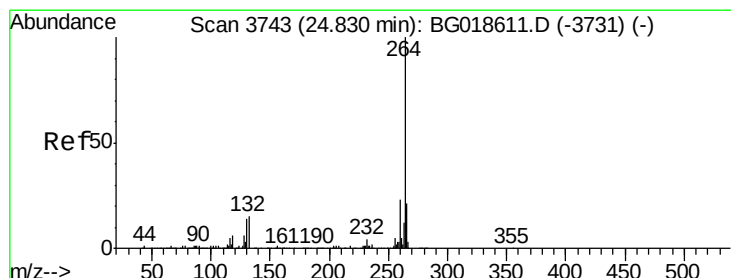
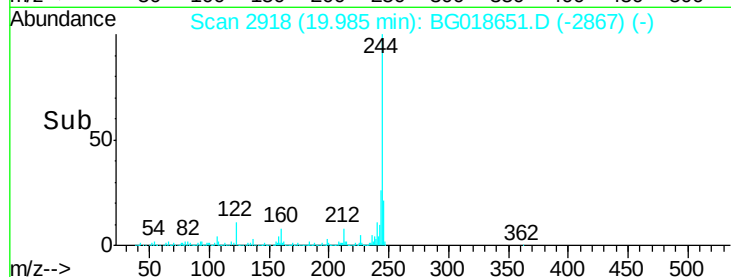
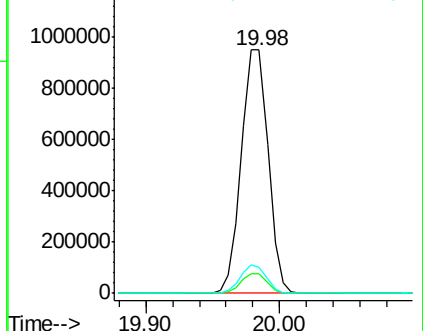
122 10.8 10.2 15.2



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: 24.82 min Scan# 3741

Delta R.T. -0.00 min

Lab File: BG018651.D

Acq: 11 Sep 2015 22:37

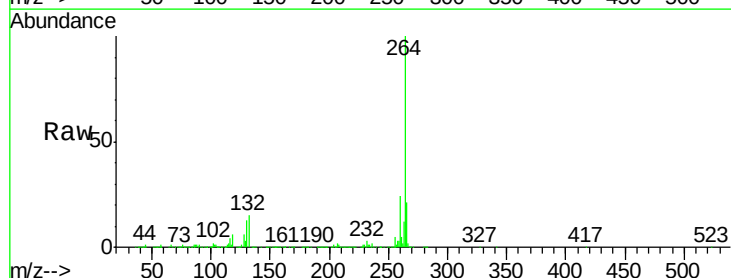
Tgt Ion:264 Resp: 647047

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.3 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

