

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
 Data File : BG018740.D
 Acq On : 17 Sep 2015 16:10
 Operator : TP
 Sample : G3651-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS033031

Quant Time: Sep 18 03:44:44 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 03:41:39 2015
 Response via : Initial Calibration

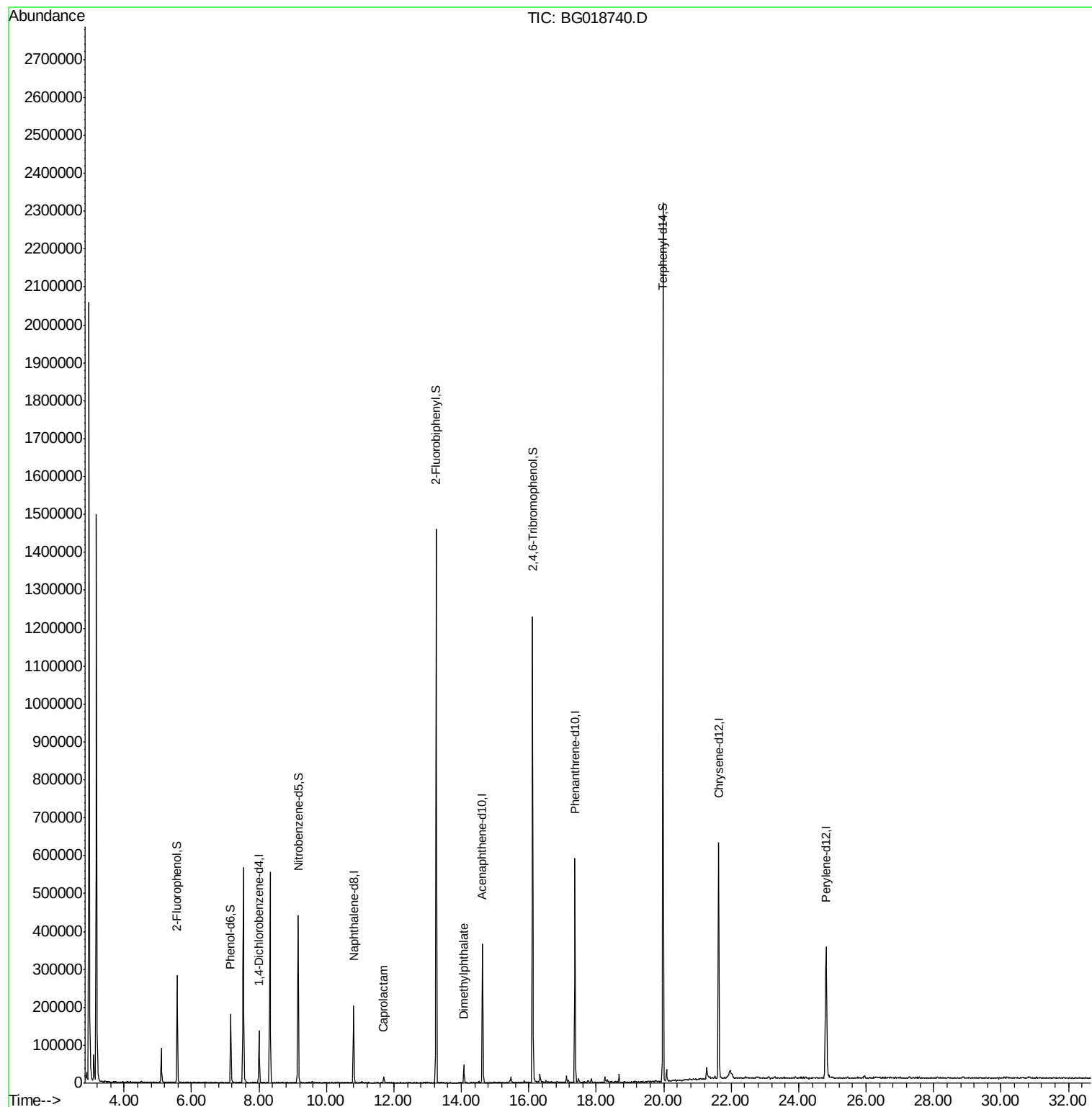
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	41925	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	177651	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	129292	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	360241	20.00	ng	0.00
75) Chrysene-d12	21.63	240	385677	20.00	ng	0.00
86) Perylene-d12	24.81	264	381977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	141900	58.47	ng	0.00
7) Phenol-d6	7.16	99	121029	34.78	ng	0.00
23) Nitrobenzene-d5	9.16	82	279141	87.92	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	249929	143.56	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	795935	85.46	ng	0.00
78) Terphenyl-d14	19.98	244	976868	66.51	ng	0.00
Target Compounds						
35) Caprolactam	11.70	113	3820	3.08	ng	Qvalue 89
49) Dimethylphthalate	14.08	163	37292	3.48	ng	# 94

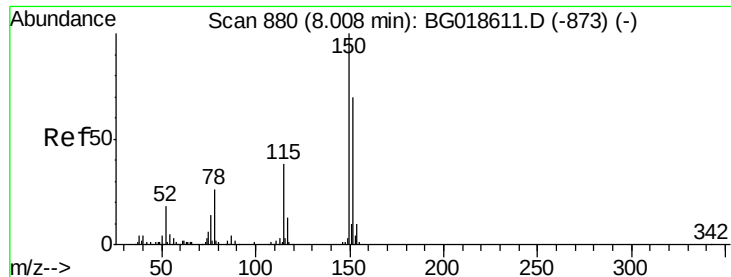
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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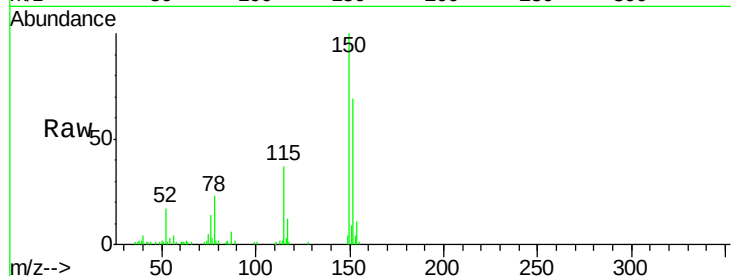


#1

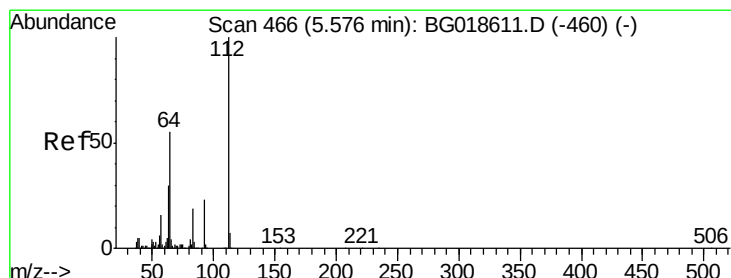
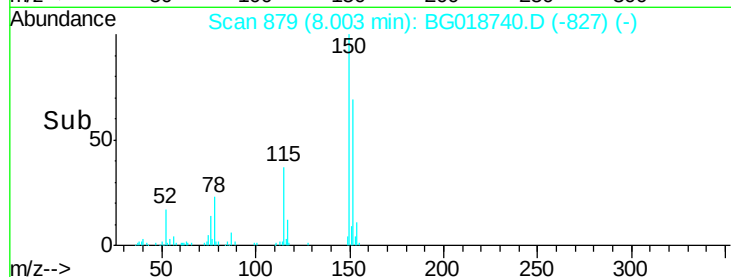
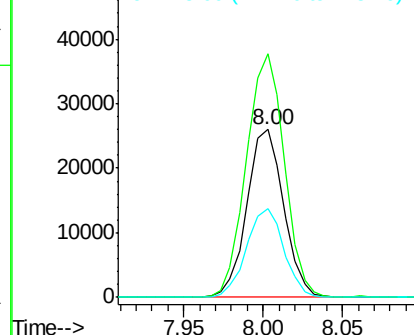
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.01 min
Lab File: BG018740.D
Acq: 17 Sep 2015 16:10

Instrument :
BNA_G
ClientSampleId :
CPS033031

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.0	115.0	172.4
115	53.1	43.9	65.9



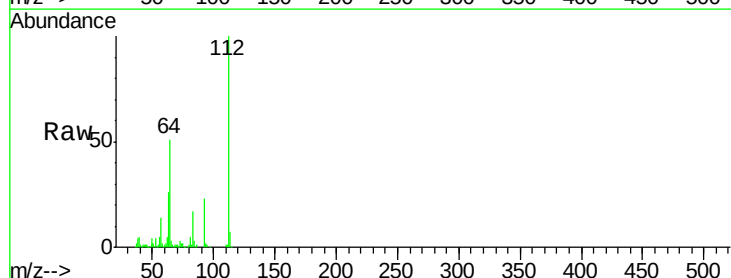
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



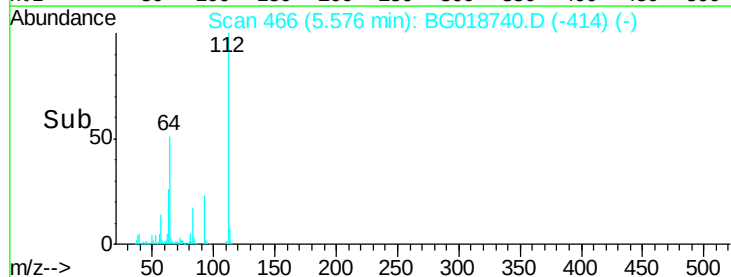
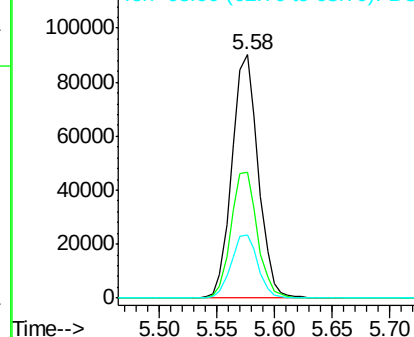
#5

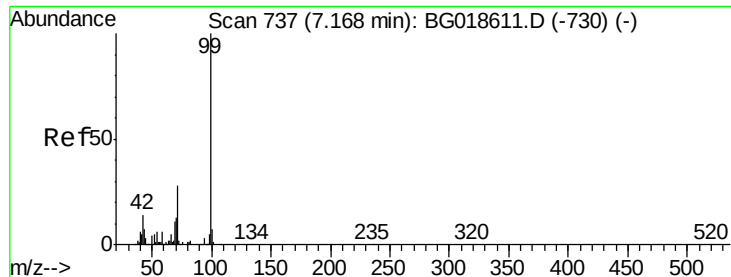
2-Fluorophenol
Concen: 58.47 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.01 min
Lab File: BG018740.D
Acq: 17 Sep 2015 16:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	43.7	65.5
63	25.9	24.0	36.0



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: 34.78 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018740.D

Acq: 17 Sep 2015 16:10

Instrument :

BNA_G

ClientSampleId :

CPS033031

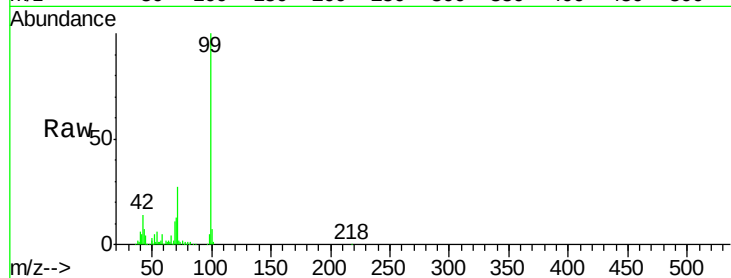
Tot Ion: 99 Resp: 121029

Ion Ratio Lower Upper

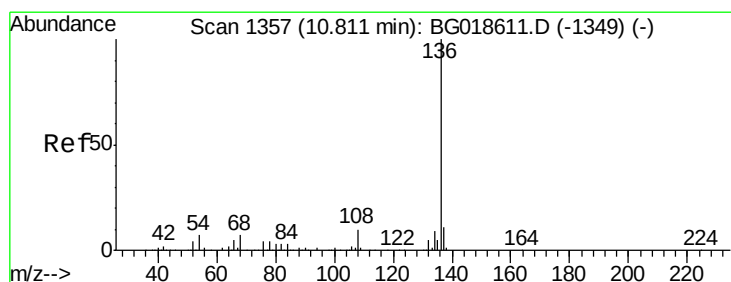
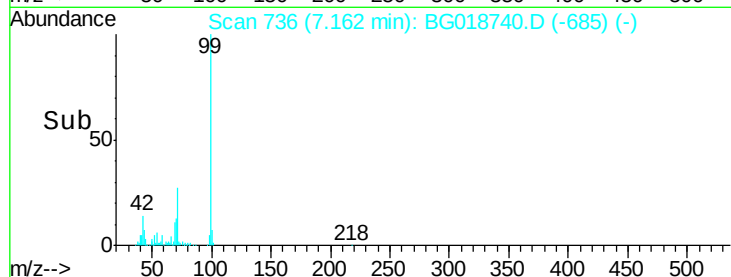
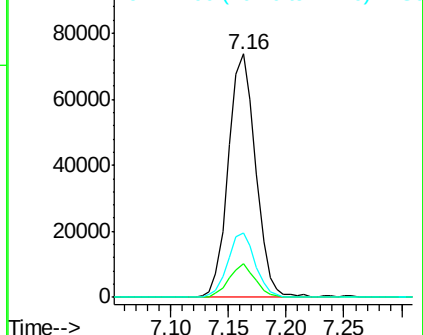
99 100

42 13.6 11.5 17.3

71 26.7 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: BG018740.D

Acq: 17 Sep 2015 16:10

Tgt Ion: 136 Resp: 177651

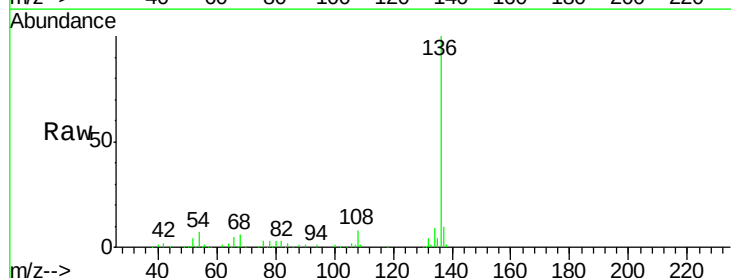
Ion Ratio Lower Upper

136 100

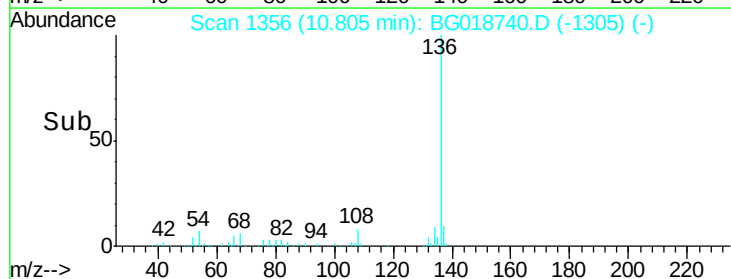
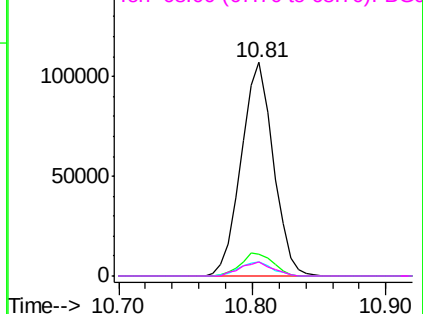
137 10.1 8.6 12.8

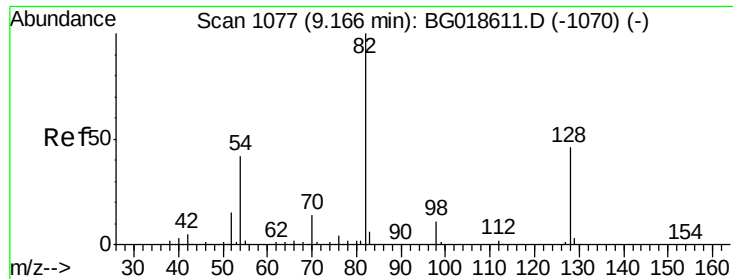
54 6.7 5.4 8.2

68 6.4 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

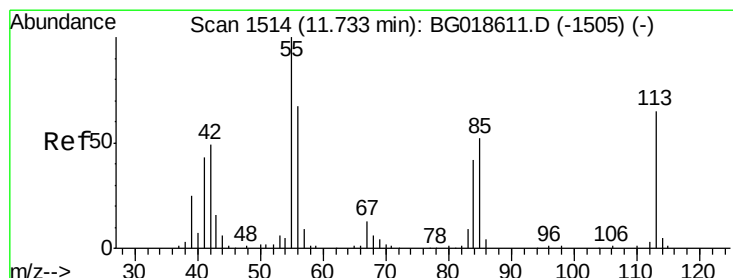
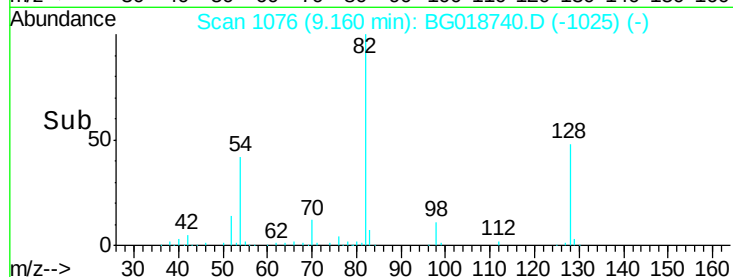
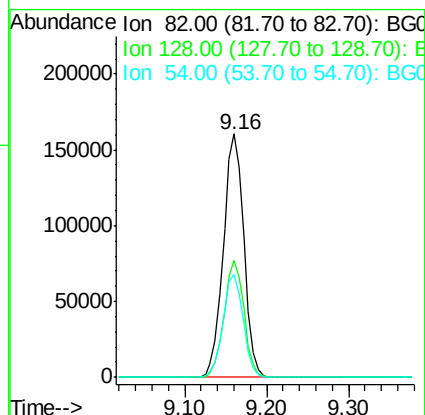
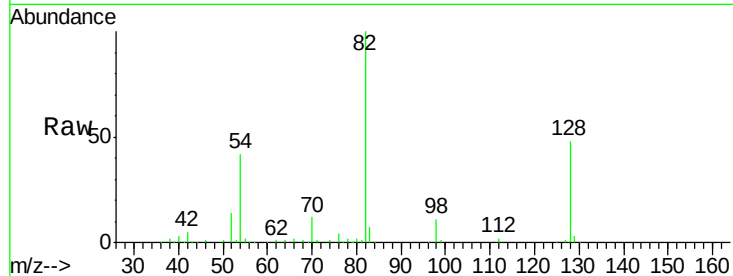




#23
Nitrobenzene-d5
Concen: 87.92 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG018740.D
Acq: 17 Sep 2015 16:10

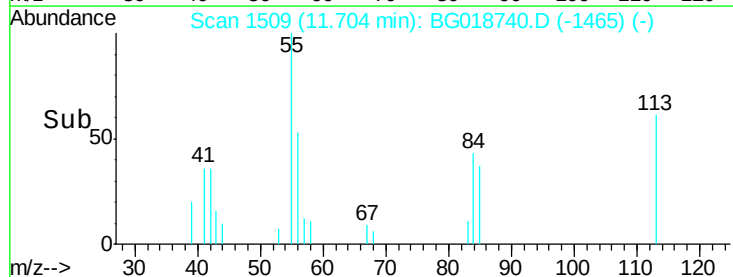
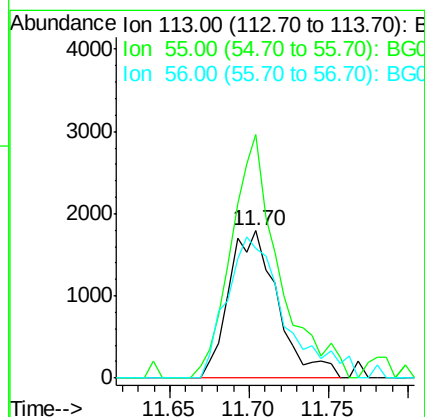
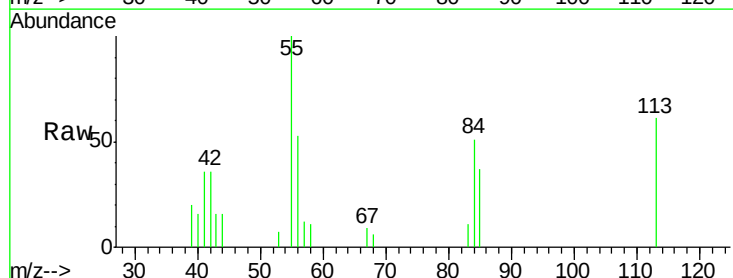
Instrument :
BNA_G
ClientSampleId :
CPS033031

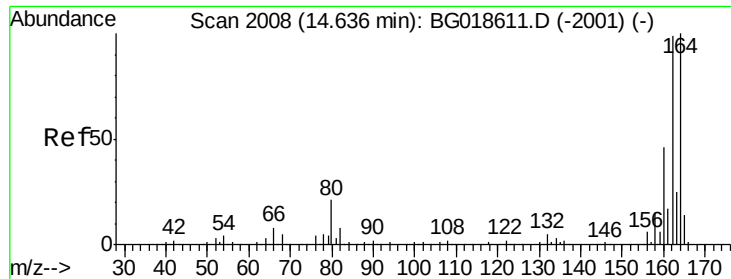
Tot Ion: 82 Resp: 279141
Ion Ratio Lower Upper
82 100
128 48.2 36.7 55.1
54 42.1 33.8 50.8



#35
Caprolactam
Concen: 3.08 ng
RT: 11.70 min Scan# 1509
Delta R.T. -0.04 min
Lab File: BG018740.D
Acq: 17 Sep 2015 16:10

Tgt Ion: 113 Resp: 3820
Ion Ratio Lower Upper
113 100
55 165.2 135.0 175.0
56 88.1 83.4 123.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG018740.D

Acq: 17 Sep 2015 16:10

Instrument :

BNA_G

ClientSampleId :

CPS033031

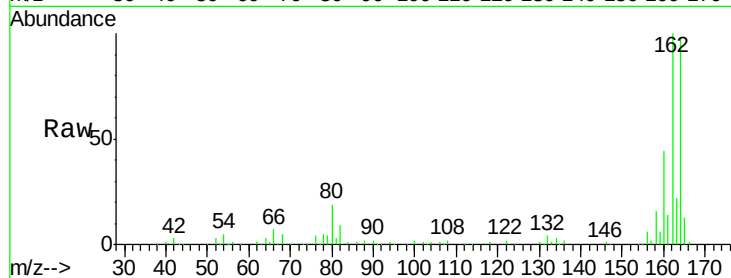
Tot Ion:164 Resp: 129292

Ion Ratio Lower Upper

164 100

162 102.4 78.8 118.2

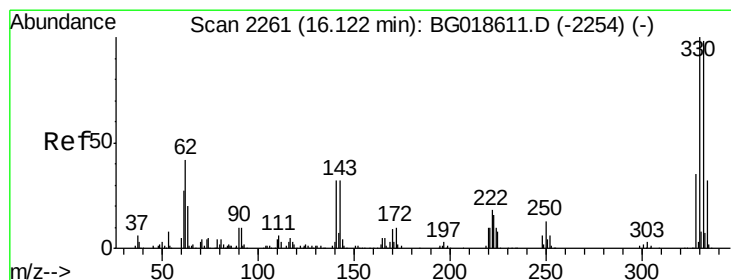
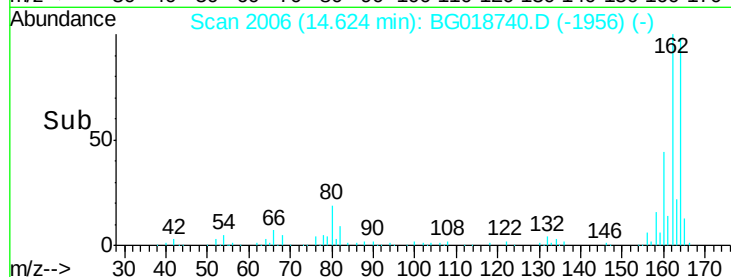
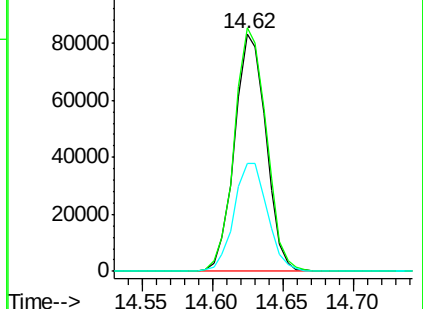
160 45.4 36.4 54.6



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: 143.56 ng

RT: 16.11 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BG018740.D

Acq: 17 Sep 2015 16:10

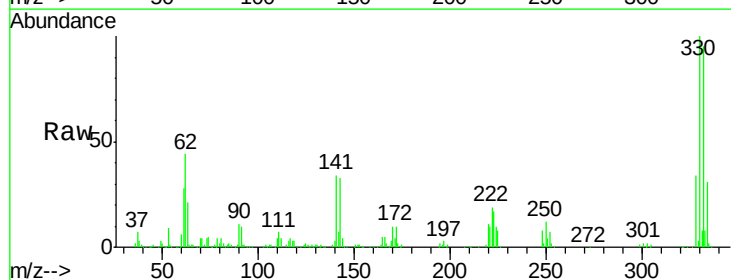
Tgt Ion:330 Resp: 249929

Ion Ratio Lower Upper

330 100

332 95.2 78.1 117.1

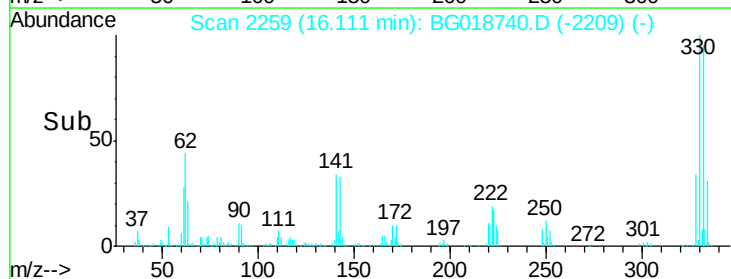
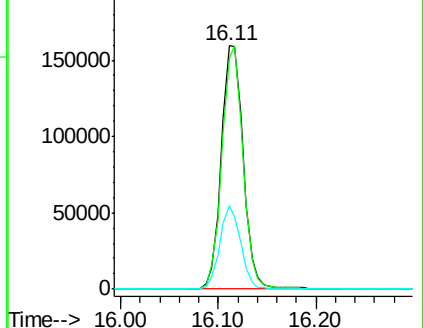
141 32.4 28.2 42.2

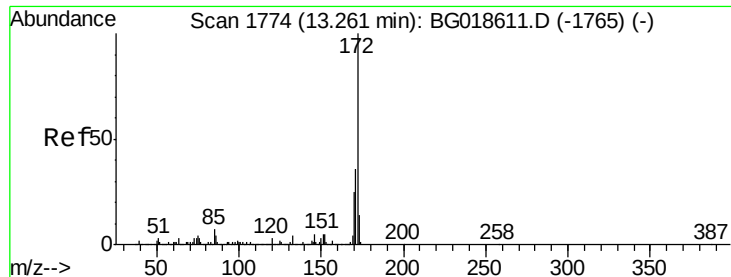


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

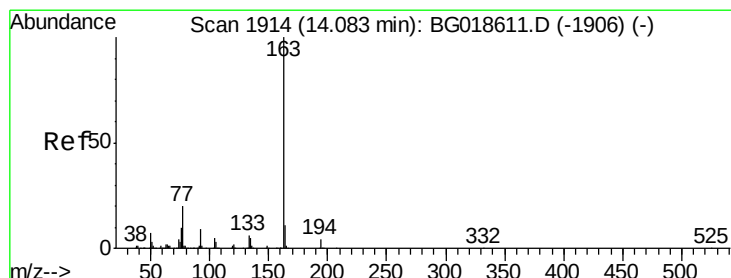
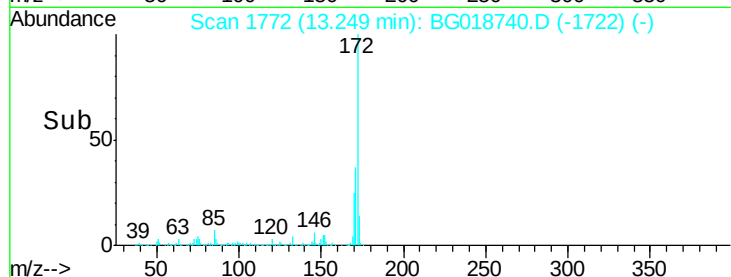
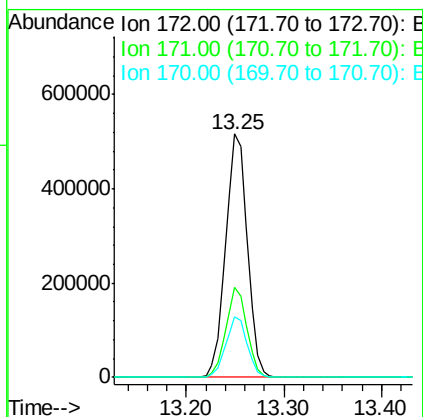
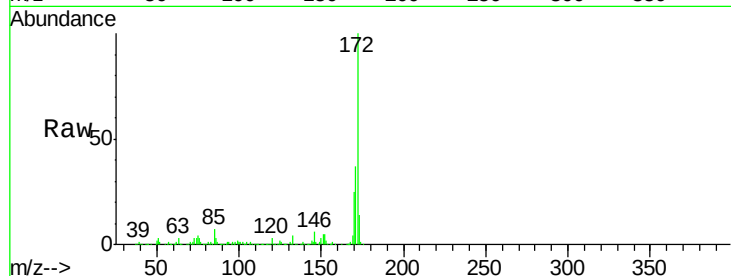




#44
2-Fluorobiphenyl
Concen: 85.46 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG018740.D
Acq: 17 Sep 2015 16:10

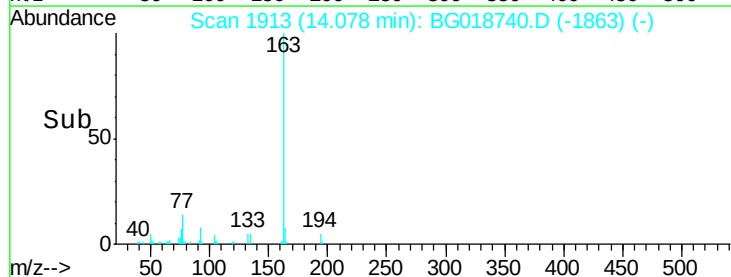
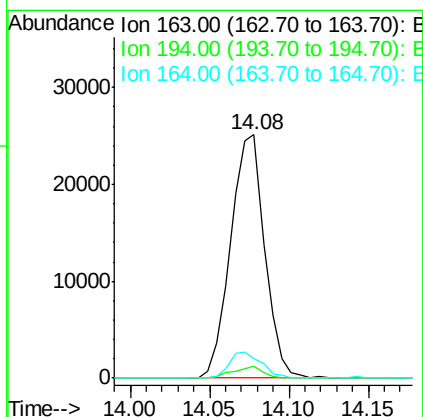
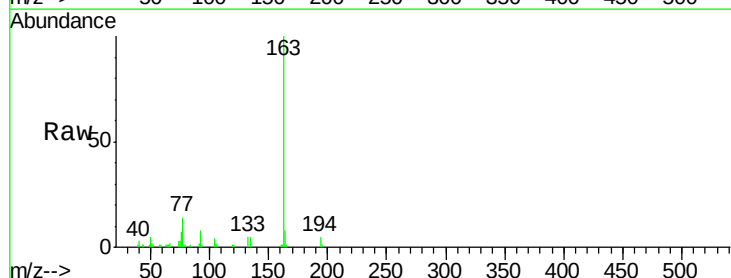
Instrument :
BNA_G
ClientSampleId :
CPS033031

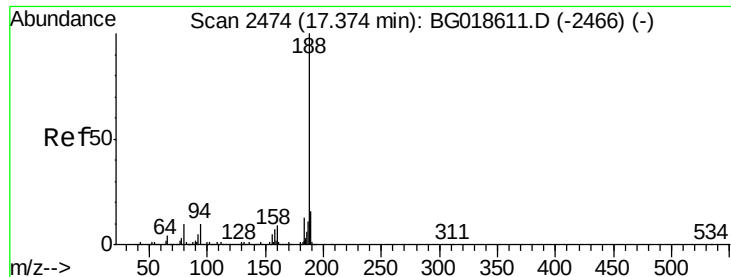
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.8	19.9	29.9



#49
Dimethylphthalate
Concen: 3.48 ng
RT: 14.08 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BG018740.D
Acq: 17 Sep 2015 16:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.1	4.7#
164	8.3	8.8	13.2#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BG018740.D

Acq: 17 Sep 2015 16:10

Instrument :

BNA_G

ClientSampleId :

CPS033031

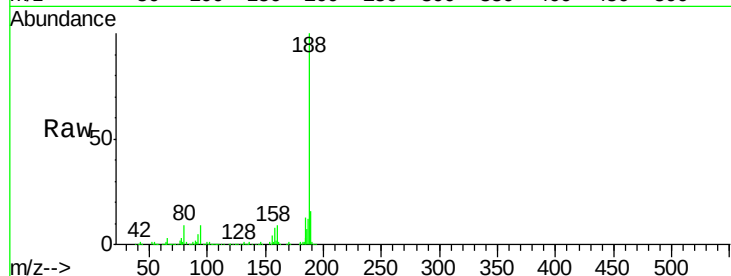
Tot Ion:188 Resp: 360241

Ion Ratio Lower Upper

188 100

94 9.2 7.7 11.5

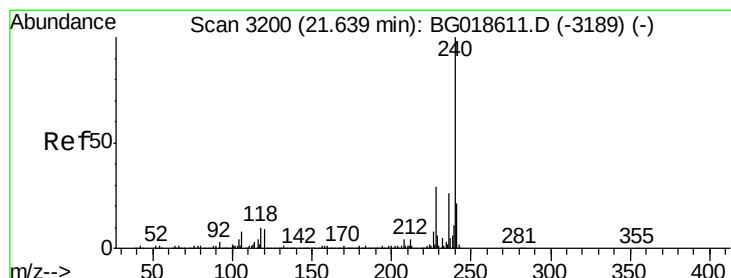
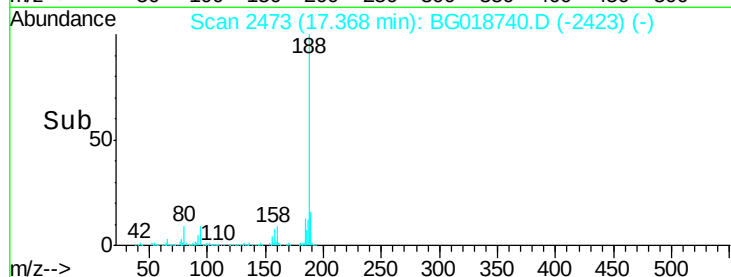
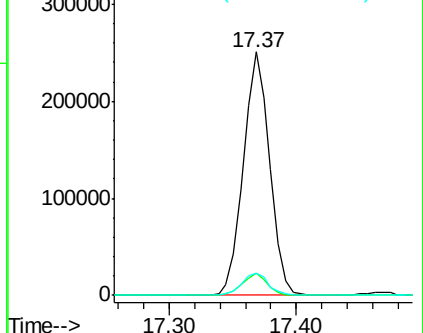
80 9.0 7.8 11.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BG018740.D

Acq: 17 Sep 2015 16:10

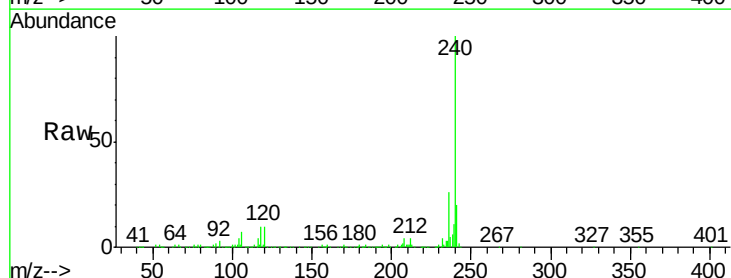
Tgt Ion:240 Resp: 385677

Ion Ratio Lower Upper

240 100

120 9.8 7.4 11.0

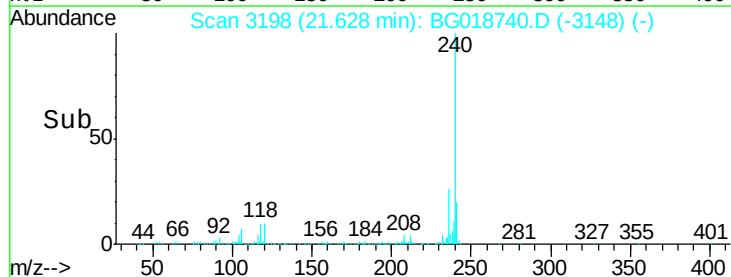
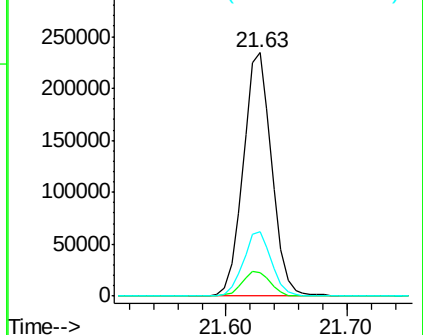
236 26.2 20.7 31.1

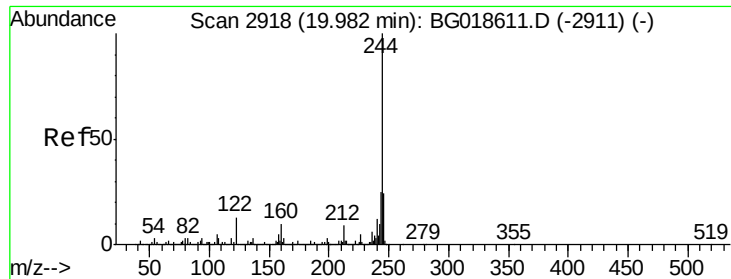


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.51 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG018740.D

Acq: 17 Sep 2015 16:10

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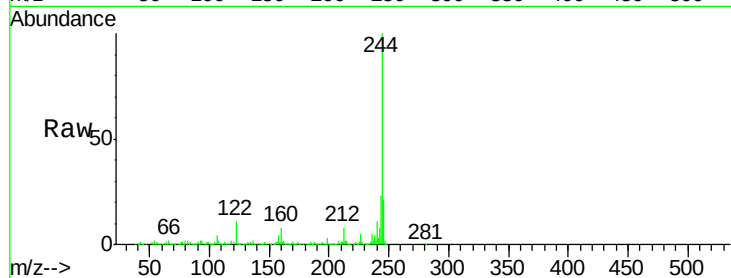
Tot Ion:244 Resp: 976868

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

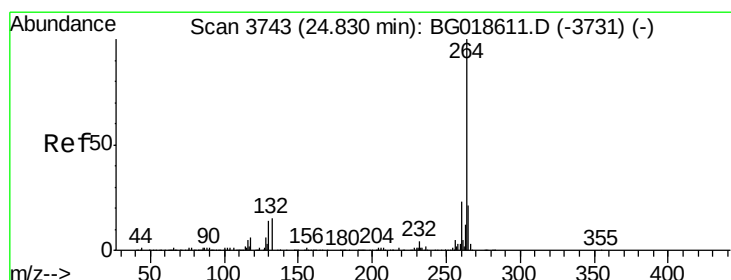
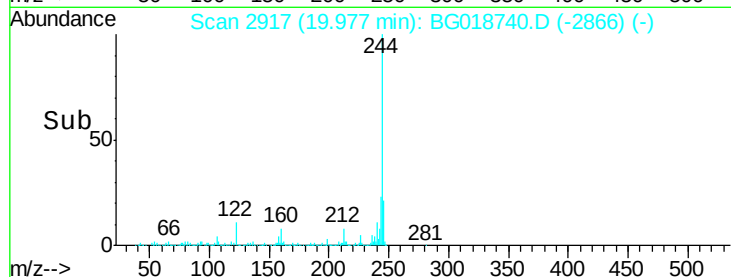
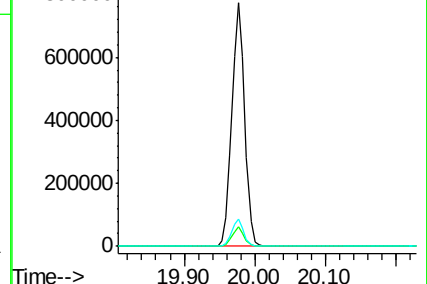
122 11.0 10.2 15.2



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: BG018740.D

Acq: 17 Sep 2015 16:10

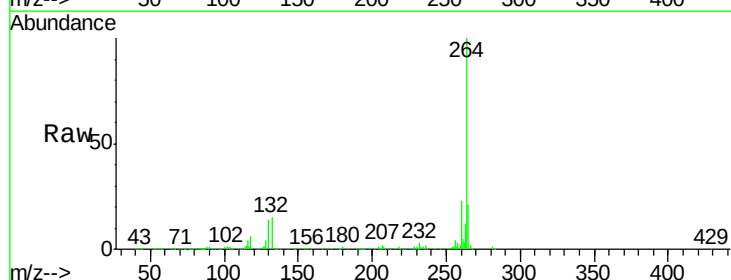
Tgt Ion:264 Resp: 381977

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 21.0 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

