

Data Path : S:\HPCHEM1\BNA_G\DATA\BG072015\
 Data File : BG017995.D
 Acq On : 20 Jul 2015 18:50
 Operator : TP/UM
 Sample : G2975-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE-FAIL-5(0-2)

Quant Time: Jul 20 19:28:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

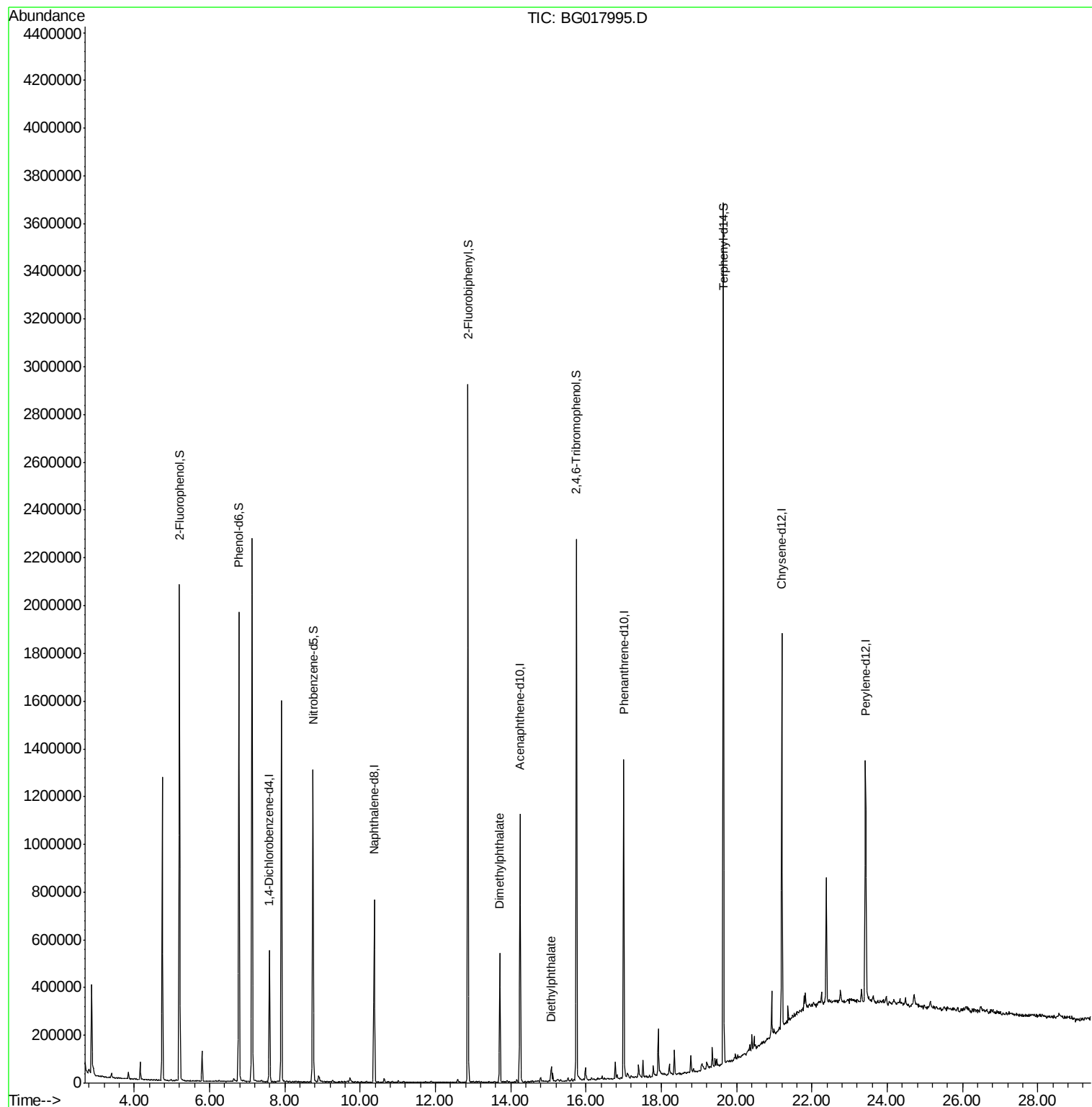
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	155272	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	667093	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	393843	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	763510	20.00	ng	0.00
75) Chrysene-d12	21.20	240	767741	20.00	ng	0.00
86) Perylene-d12	23.43	264	788173	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	931250	104.62	ng	0.01
7) Phenol-d6	6.78	99	1210076	103.77	ng	0.02
23) Nitrobenzene-d5	8.74	82	727595	70.64	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	420250	105.32	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1490466	65.58	ng	0.00
78) Terphenyl-d14	19.65	244	1570424	51.53	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.71	163	355867	13.01	ng	99
59) Diethylphthalate	15.08	149	32731	1.16	ng	98

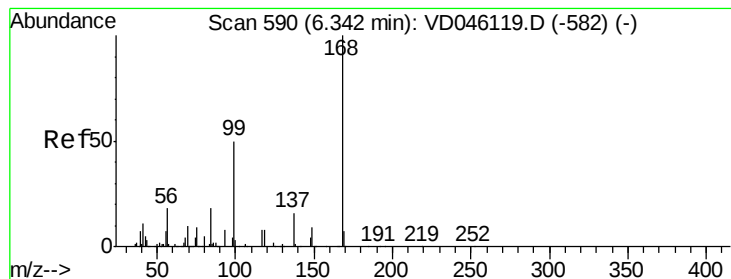
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG017995.D

Acq: 20 Jul 2015 18:50

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE-FAIL-5(0-2)

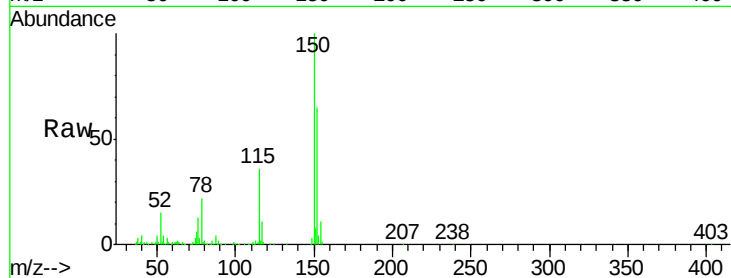
Tgt Ion:152 Resp: 155272

Ion Ratio Lower Upper

152 100

150 154.5 119.1 178.7

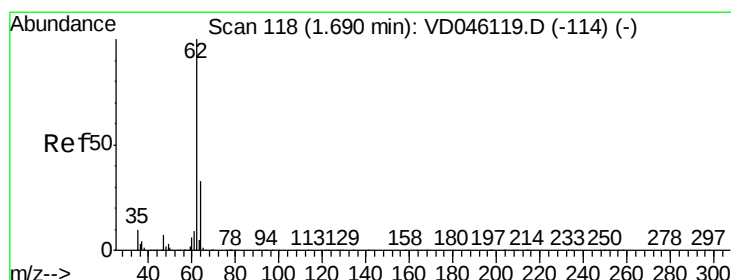
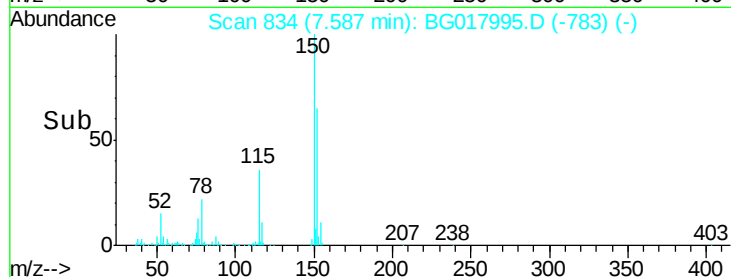
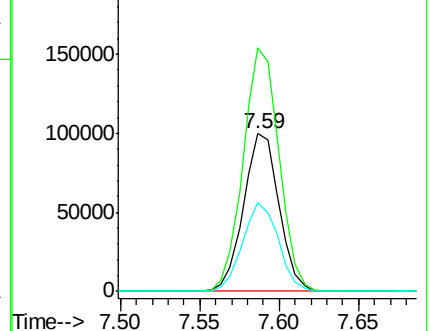
115 56.0 47.0 70.4



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: Below ng

RT: 5.20 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG017995.D

Acq: 20 Jul 2015 18:50

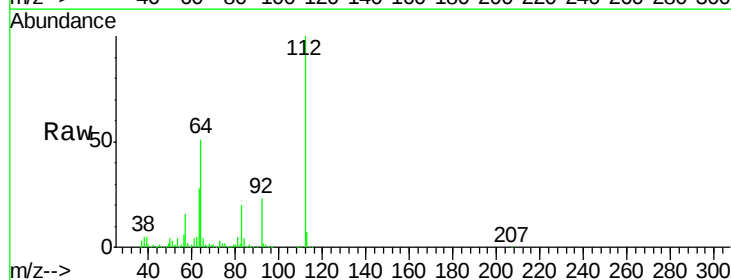
Tgt Ion:112 Resp: 931250

Ion Ratio Lower Upper

112 100

64 51.0 45.4 68.0

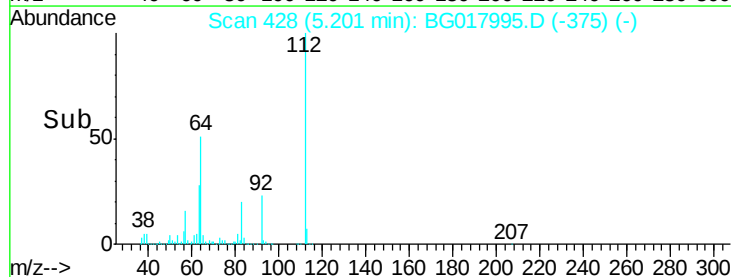
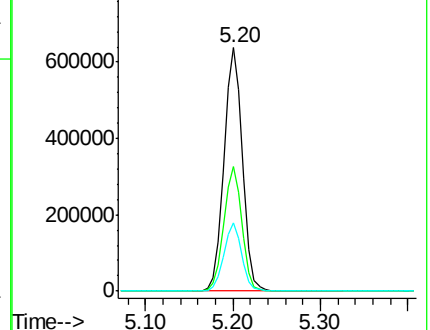
63 27.8 25.3 37.9

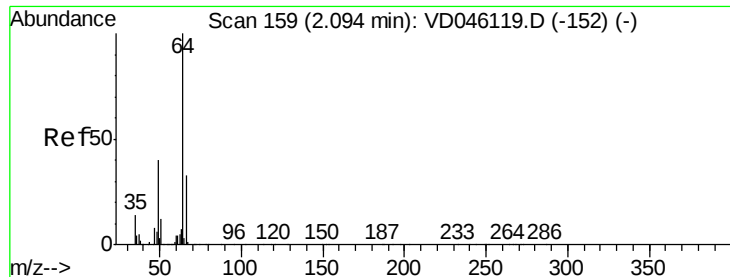


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: Below ng

RT: 6.78 min Scan# 697

Delta R.T. 0.02 min

Lab File: BG017995.D

Acq: 20 Jul 2015 18:50

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE-FAIL-5(0-2)

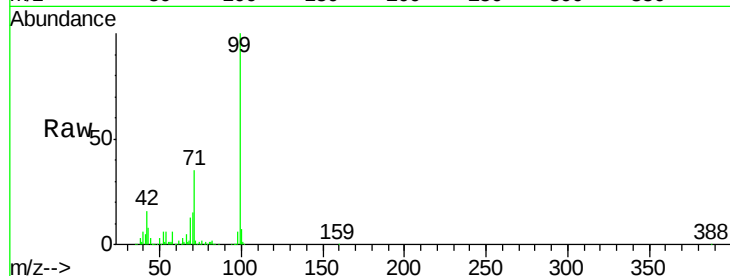
Tgt Ion: 99 Resp: 1210076

Ion Ratio Lower Upper

99 100

42 15.6 16.2 24.4#

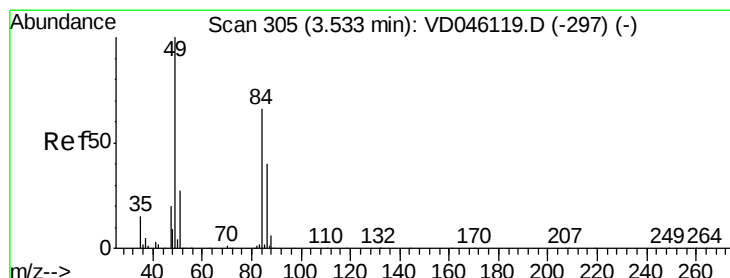
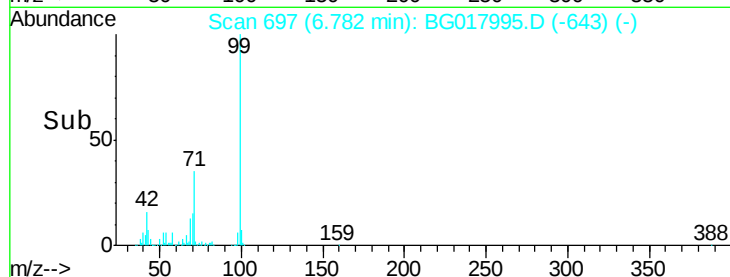
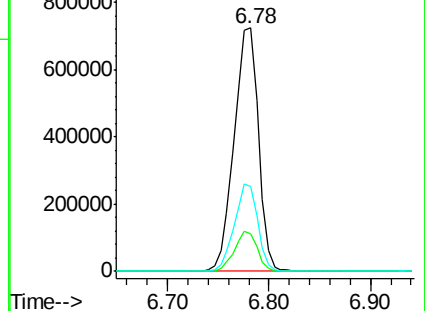
71 34.8 29.5 44.3



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: 10.37 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG017995.D

Acq: 20 Jul 2015 18:50

Tgt Ion: 136 Resp: 667093

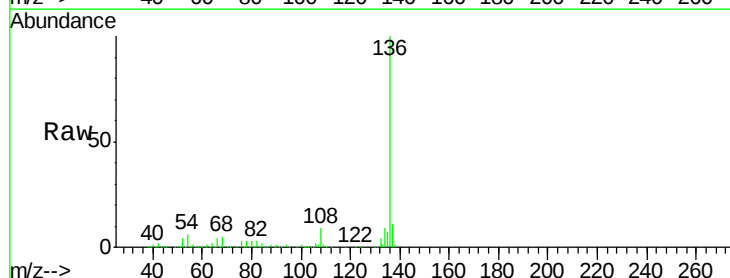
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.7 6.6 9.8#

68 5.0 5.1 7.7#

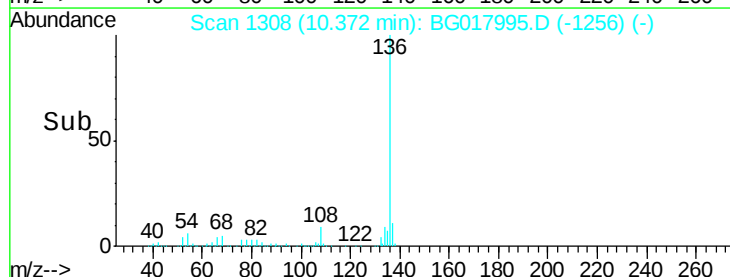
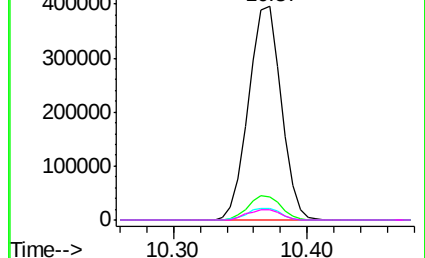


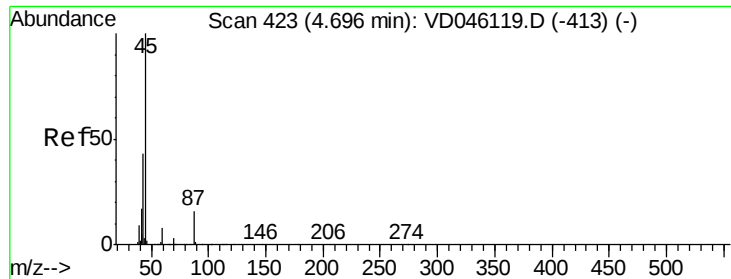
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

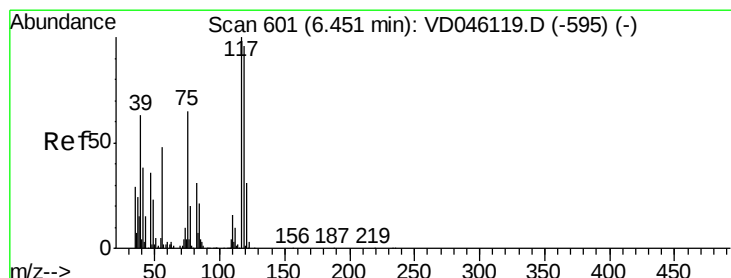
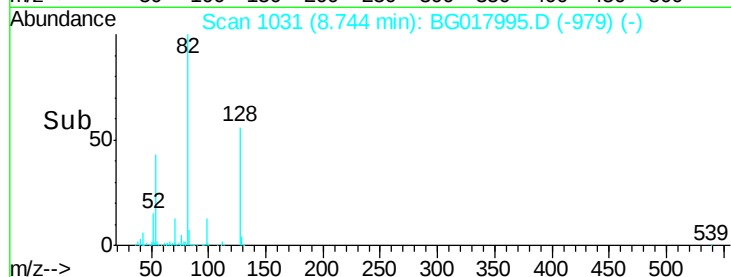
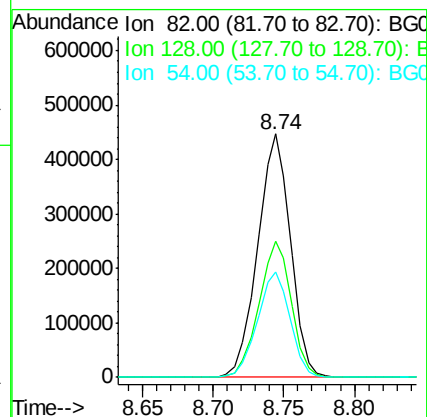
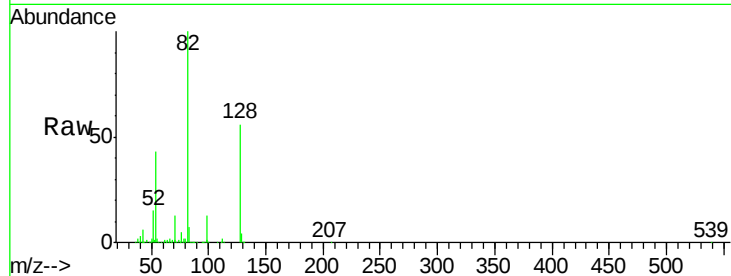




#23
 Nitrobenzene-d5
 Concen: Below ng
 RT: 8.74 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BG017995.D
 Acq: 20 Jul 2015 18:50

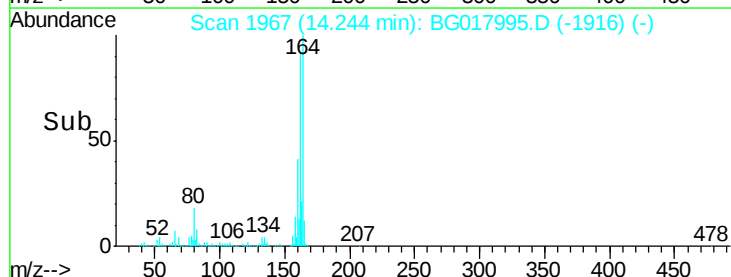
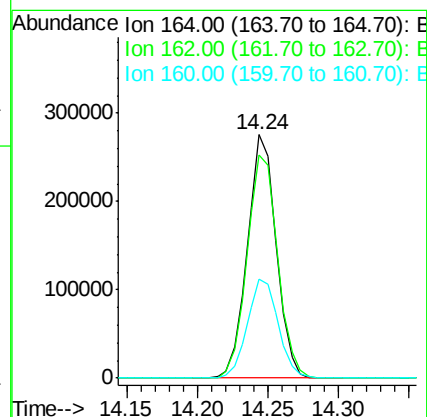
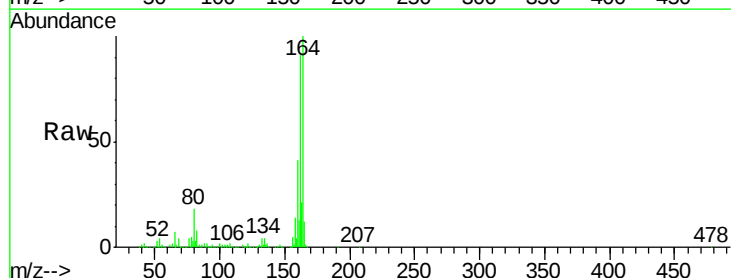
Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE-FAIL-5(0-2)

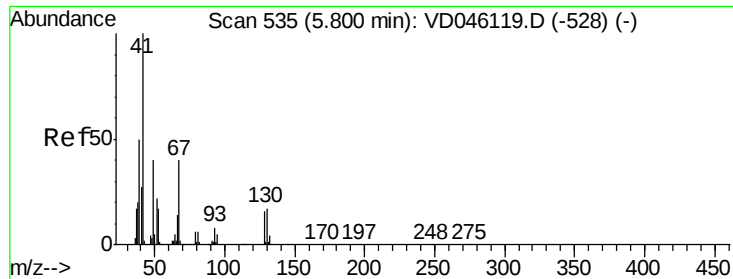
Tgt Ion	Ratio	Lower	Upper
82	100		
128	56.1	37.8	56.6
54	43.3	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG017995.D
 Acq: 20 Jul 2015 18:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	91.4	76.3	114.5
160	40.8	33.7	50.5

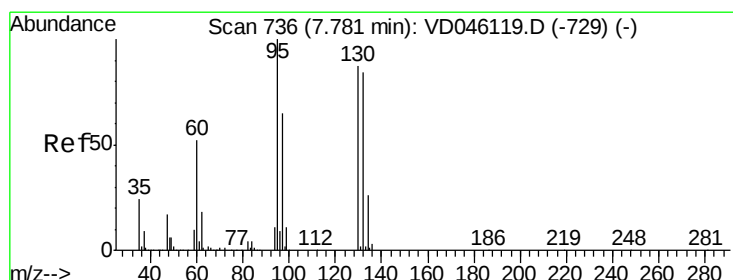
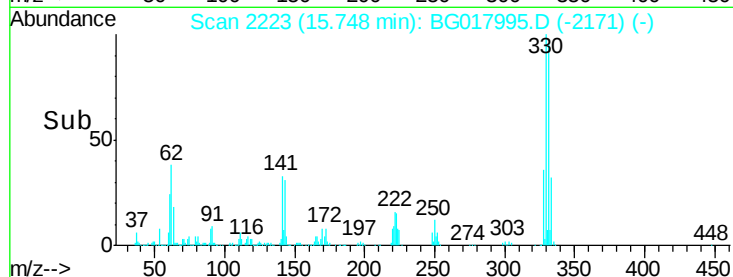
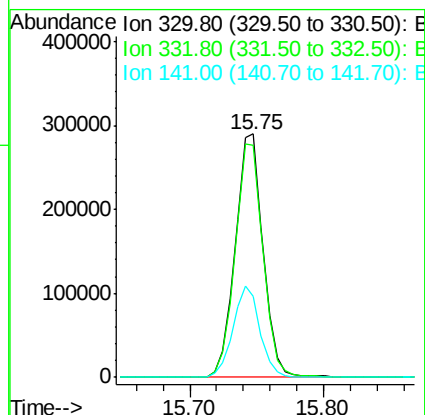
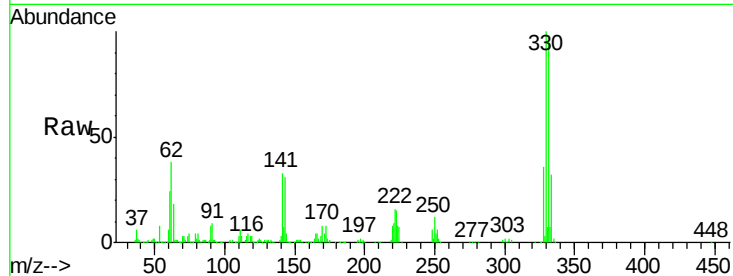




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 15.75 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG017995.D
 Acq: 20 Jul 2015 18:50

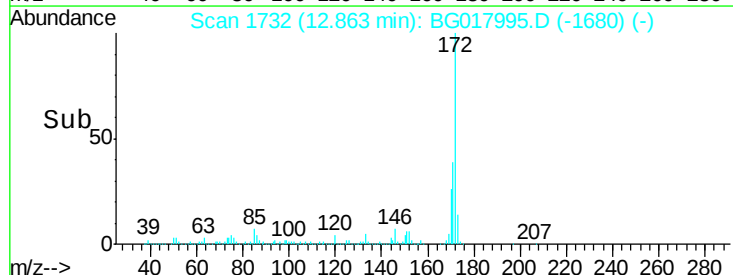
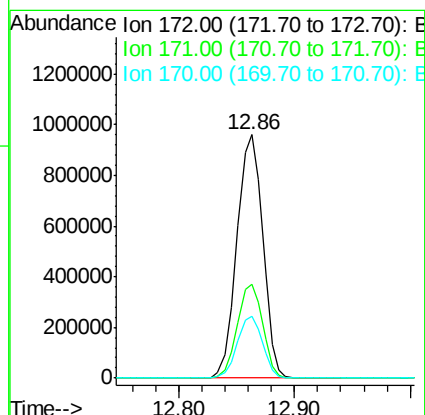
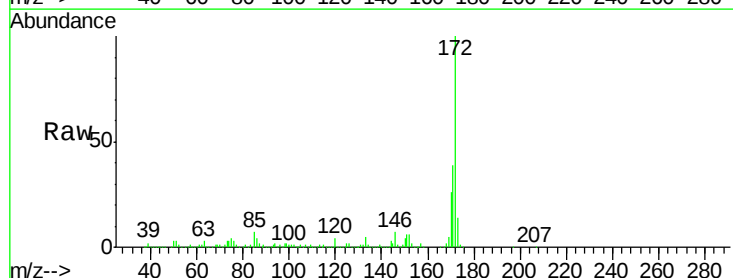
Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE-FAIL-5(0-2)

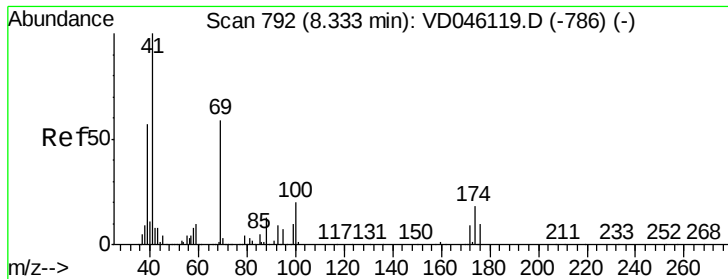
Tgt Ion:330 Resp: 420250
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.8 115.2
 141 36.8 38.0 57.0#



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 12.86 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG017995.D
 Acq: 20 Jul 2015 18:50

Tgt Ion:172 Resp: 1490466
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.7 46.1
 170 25.6 19.7 29.5

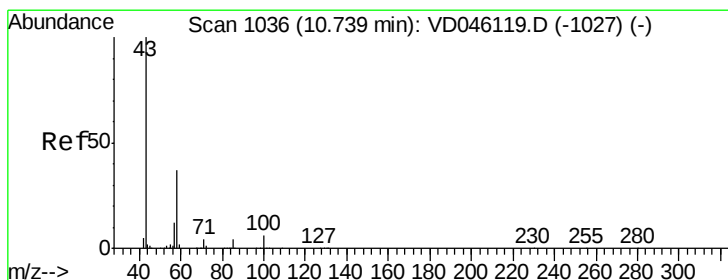
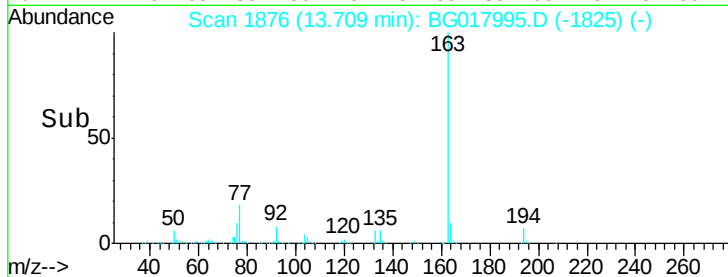
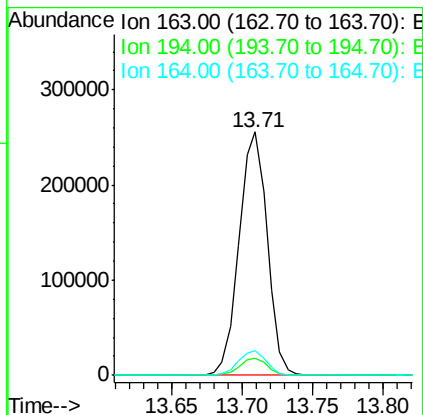
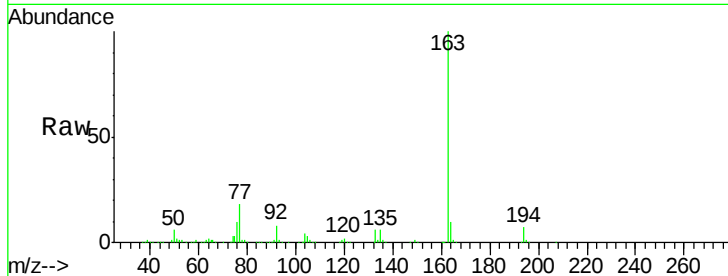




#49
Dimethylphthalate
Concen: 13.01 ng
RT: 13.71 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG017995.D
Acq: 20 Jul 2015 18:50

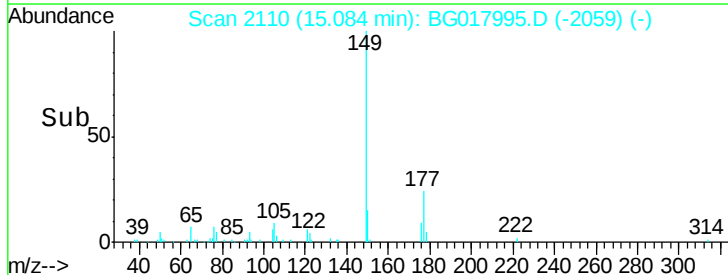
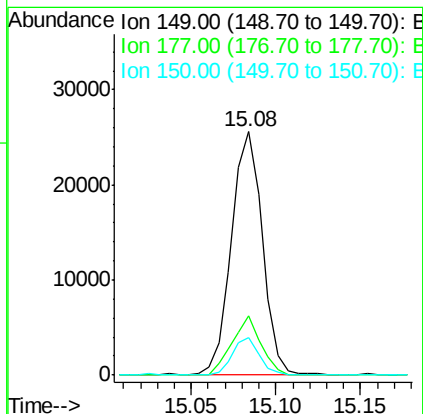
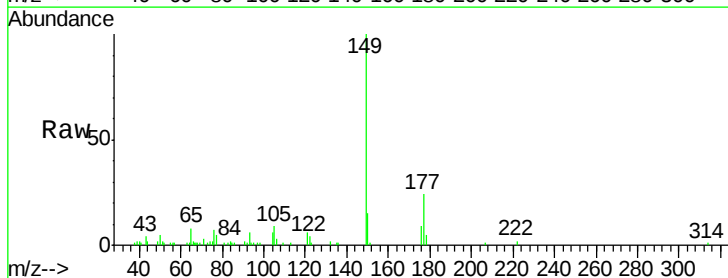
Instrument :
BNA_G
ClientSampleId :
AB-SLOPE-FAIL-5(0-2)

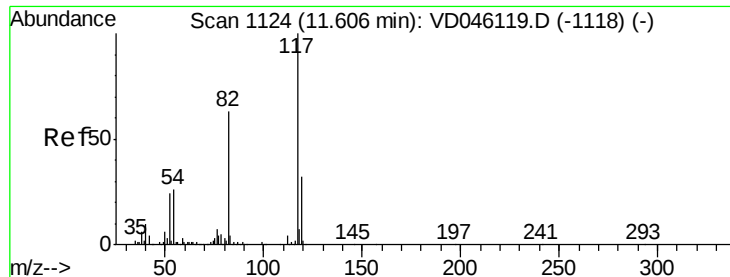
Tgt Ion:163 Resp: 355867
Ion Ratio Lower Upper
163 100
194 6.9 5.8 8.6
164 10.1 8.3 12.5



#59
Diethylphthalate
Concen: 1.16 ng
RT: 15.08 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG017995.D
Acq: 20 Jul 2015 18:50

Tgt Ion:149 Resp: 32731
Ion Ratio Lower Upper
149 100
177 24.2 19.1 28.7
150 15.3 10.3 15.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.00 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG017995.D

Acq: 20 Jul 2015 18:50

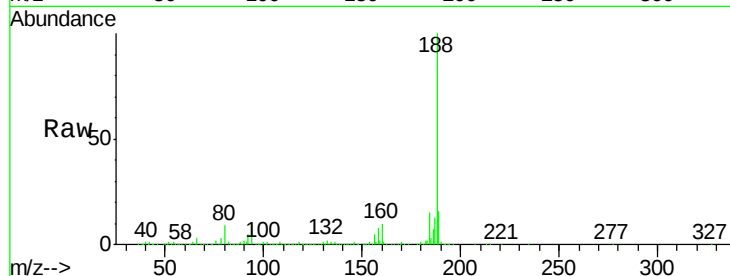
Instrument :

BNA_G

ClientSampleId :

AB-SLOPE-FAIL-5(0-2)

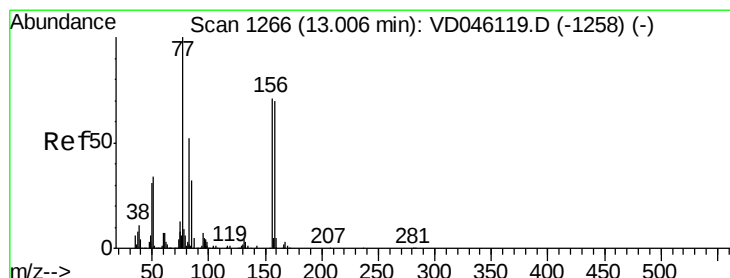
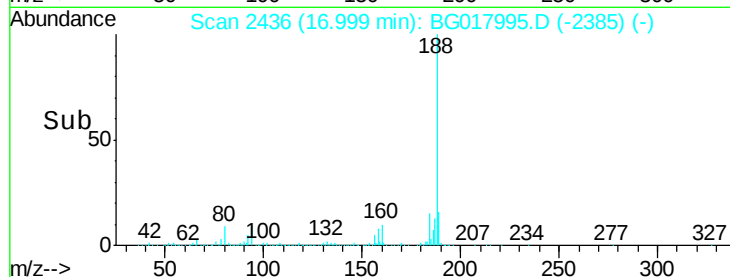
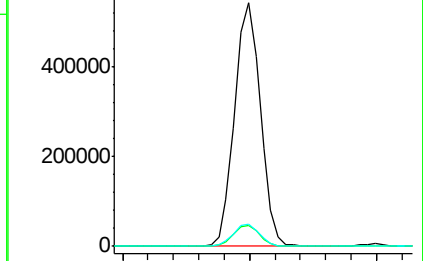
Tgt Ion:	188	Resp:	763510
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	8.9	8.2	12.4



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

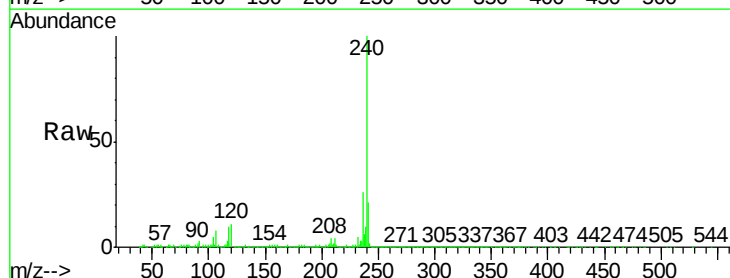
RT: 21.20 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG017995.D

Acq: 20 Jul 2015 18:50

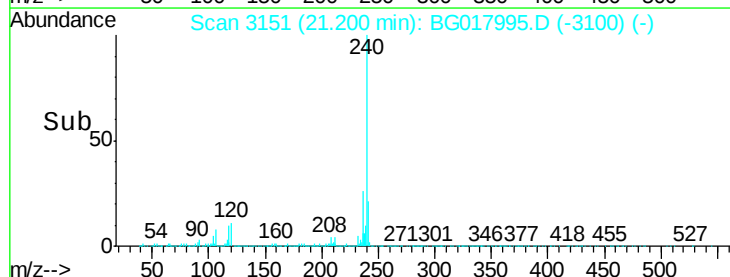
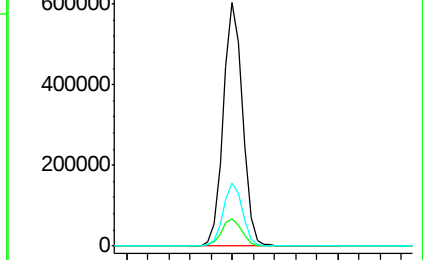
Tgt Ion:	240	Resp:	767741
Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.8	16.2
236	26.1	20.0	30.0

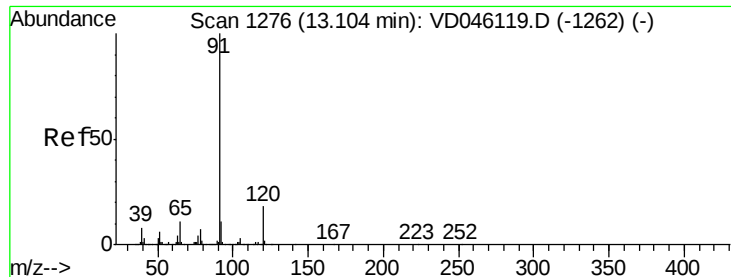


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: Below ng

RT: 19.65 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG017995.D

Acq: 20 Jul 2015 18:50

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE-FAIL-5(0-2)

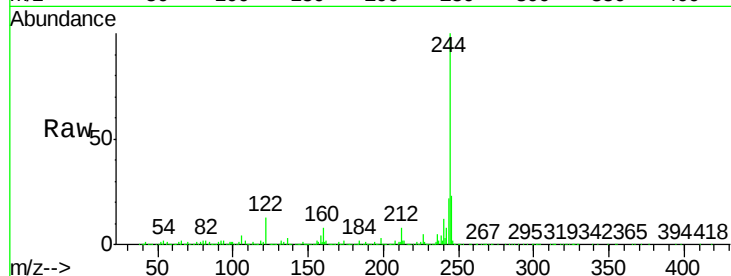
Tgt Ion:244 Resp: 1570424

Ion Ratio Lower Upper

244 100

212 8.0 7.2 10.8

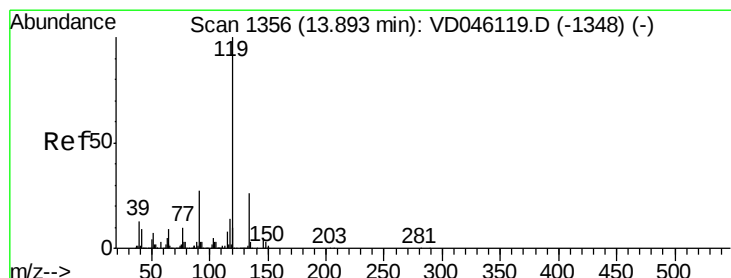
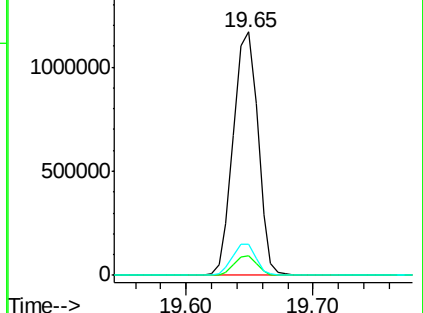
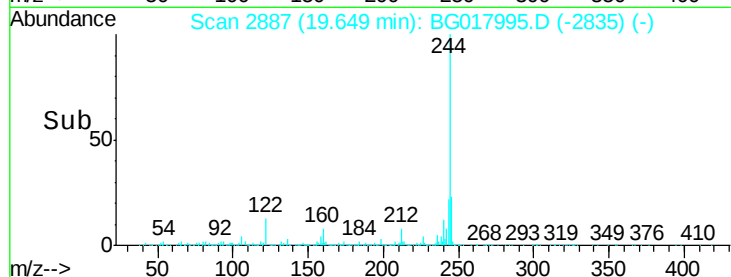
122 12.6 12.8 19.2#



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: 23.43 min Scan# 3530

Delta R.T. 0.01 min

Lab File: BG017995.D

Acq: 20 Jul 2015 18:50

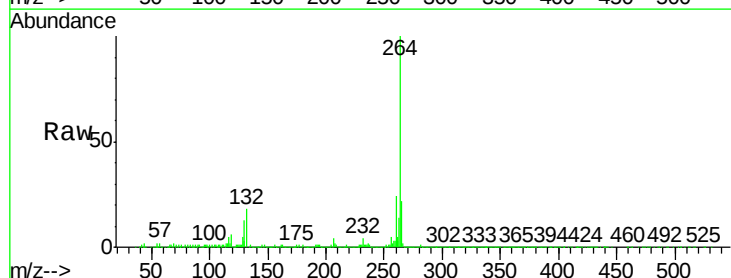
Tgt Ion:264 Resp: 788173

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.7 18.2 27.2



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

