

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG017017.D
 Acq On : 10 May 2015 9:41
 Operator : TP/IZ
 Sample : G2152-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-11-7.5

Quant Time: May 19 07:34:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

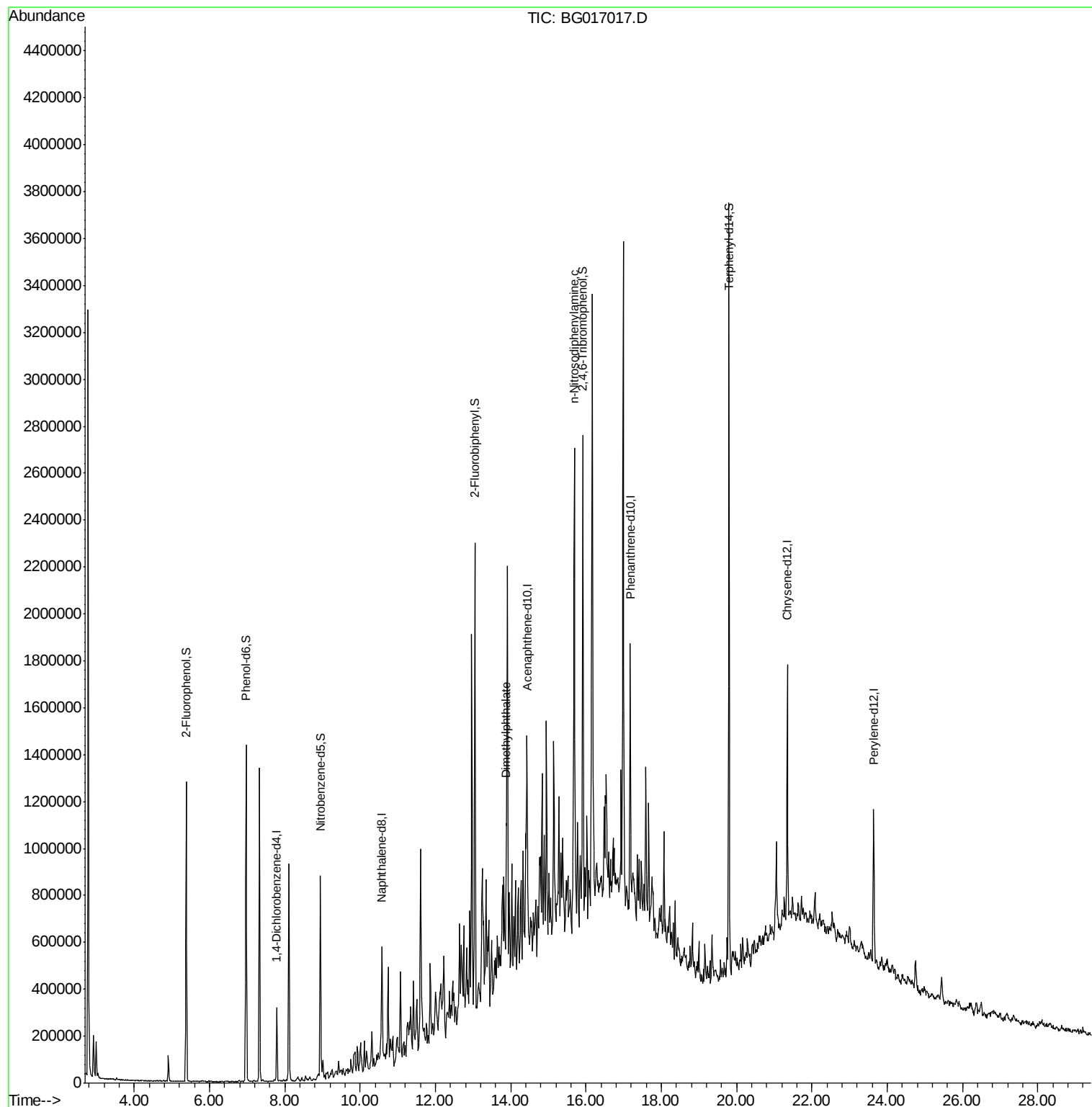
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	73432	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	347044	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	224676	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	478270	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	456969	20.00	ng	-0.02
86) Perylene-d12	23.65	264	464655	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	454018	107.66	ng	0.00
7) Phenol-d6	6.97	99	668629	110.97	ng	0.00
23) Nitrobenzene-d5	8.95	82	452548	63.70	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	272724	120.91	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	917845	61.65	ng	-0.02
78) Terphenyl-d14	19.80	244	1257399	64.50	ng	-0.02
Target Compounds						
32) Benzoic acid	9.90	122	391	Below Cal	#	66
49) Dimethylphthalate	13.88	163	64114	3.82 ng	#	95
65) n-Nitrosodiphenylamine	15.69	169	54878	3.76 ng	#	53

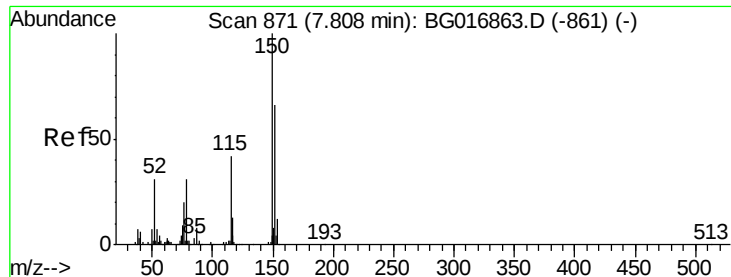
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG017017.D

Acq: 10 May 2015 9:41

Instrument :

BNA_G

ClientSampleId :

TU021-SB-11-7.5

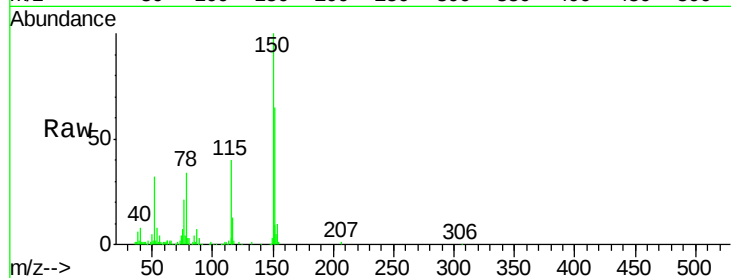
Tgt Ion:152 Resp: 73432

Ion Ratio Lower Upper

152 100

150 153.5 121.0 181.4

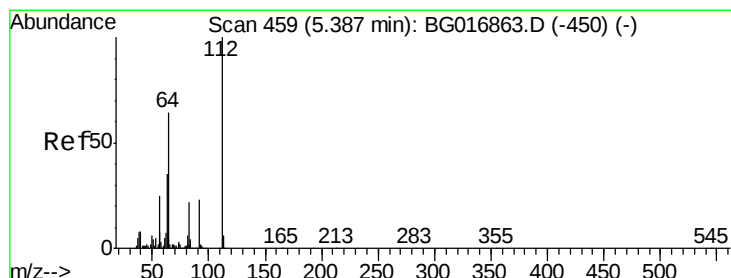
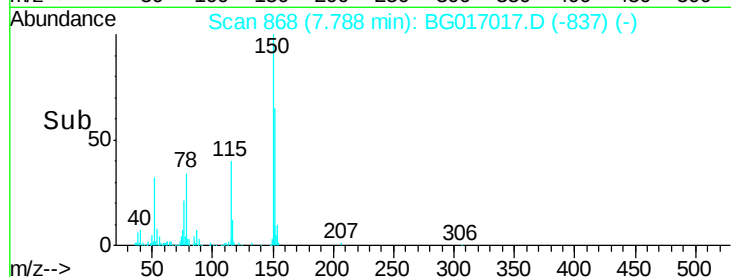
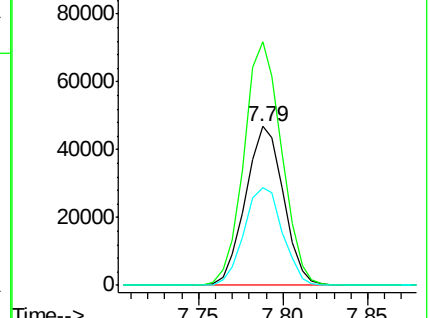
115 61.3 50.5 75.7



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: 107.66 ng

RT: 5.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: BG017017.D

Acq: 10 May 2015 9:41

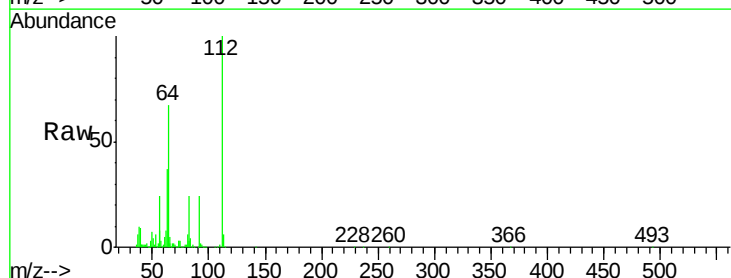
Tgt Ion:112 Resp: 454018

Ion Ratio Lower Upper

112 100

64 67.0 51.4 77.2

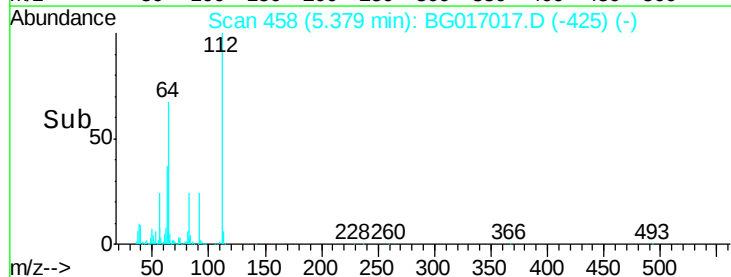
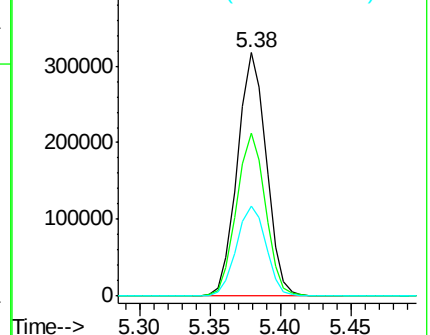
63 37.0 28.1 42.1

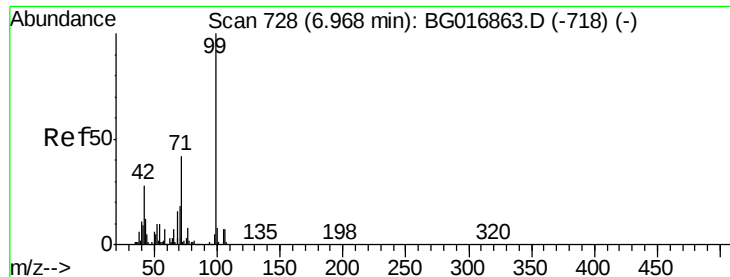


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 110.97 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG017017.D

Acq: 10 May 2015 9:41

Instrument :

BNA_G

ClientSampleId :

TU021-SB-11-7.5

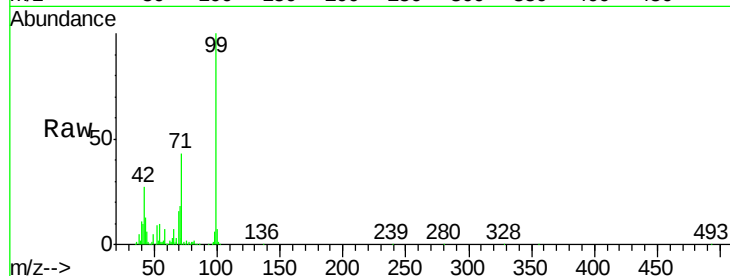
Tgt Ion: 99 Resp: 668629

Ion Ratio Lower Upper

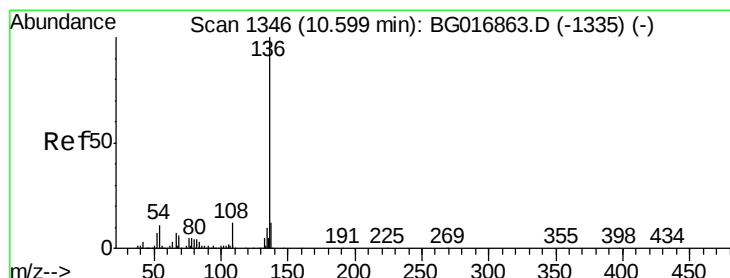
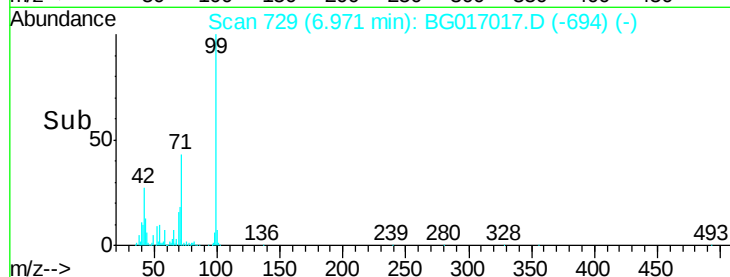
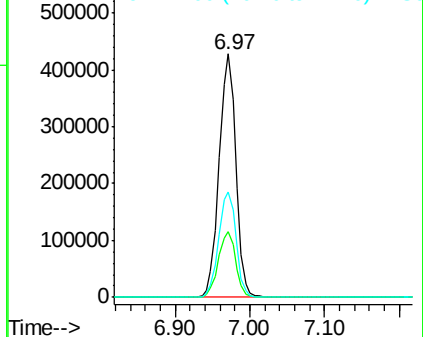
99 100

42 27.2 22.1 33.1

71 43.3 33.4 50.0



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: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG017017.D

Acq: 10 May 2015 9:41

Tgt Ion: 136 Resp: 347044

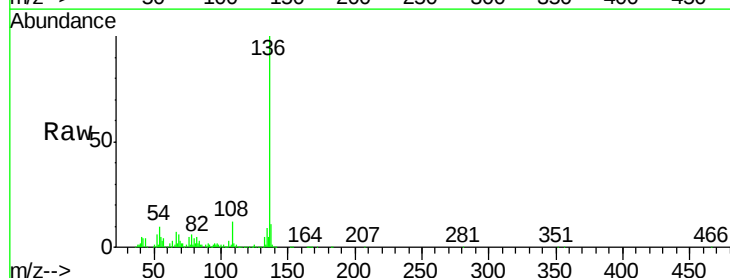
Ion Ratio Lower Upper

136 100

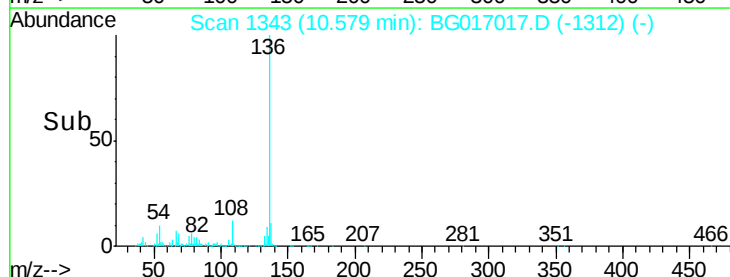
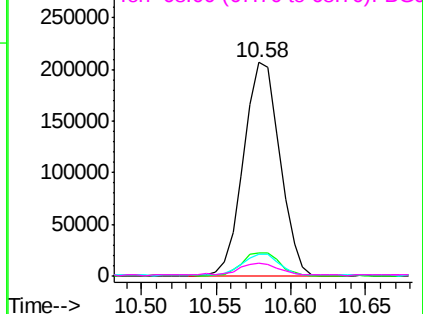
137 11.0 9.8 14.8

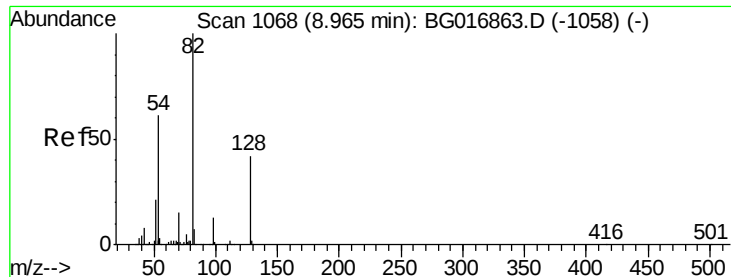
54 10.5 8.7 13.1

68 6.0 5.0 7.4



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

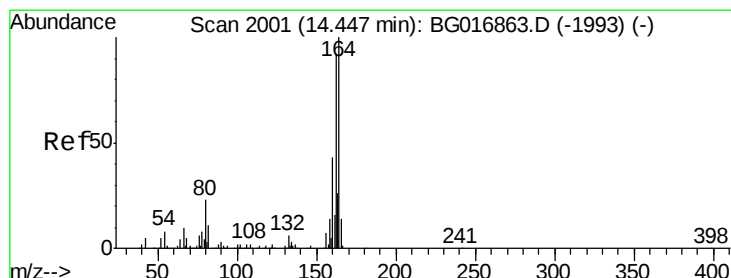
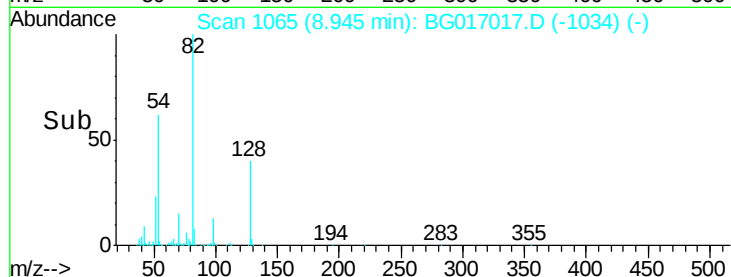
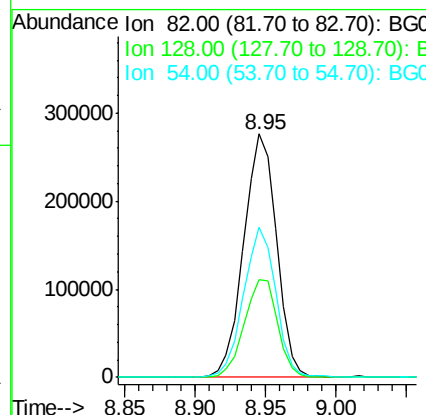
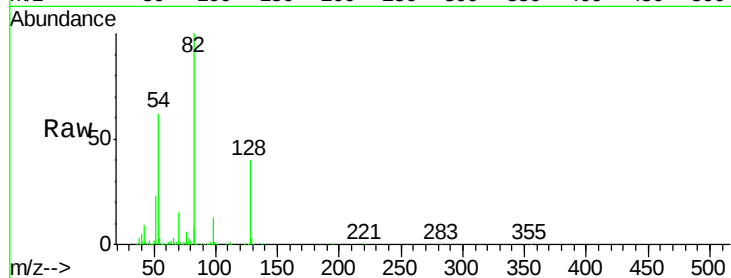




#23
 Nitrobenzene-d5
 Concen: 63.70 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017017.D
 Acq: 10 May 2015 9:41

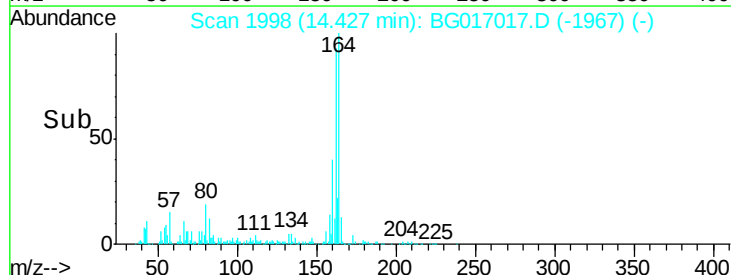
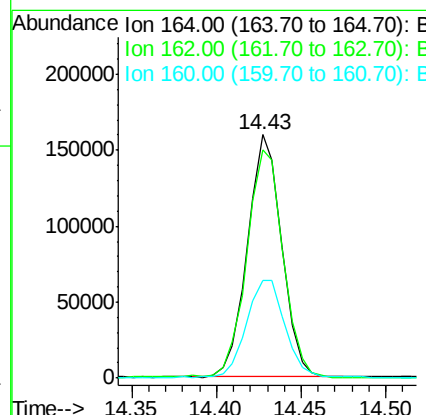
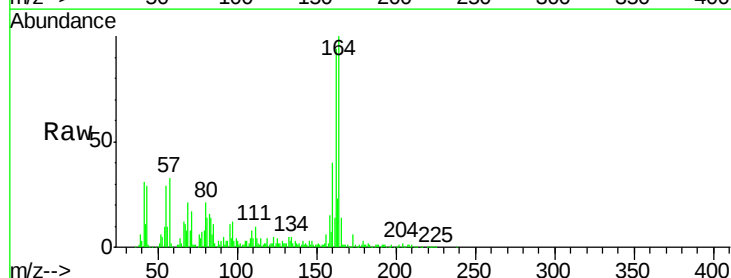
Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-11-7.5

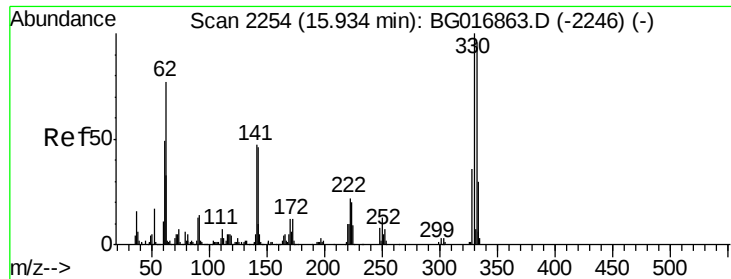
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	33.2	49.8
54	61.6	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG017017.D
 Acq: 10 May 2015 9:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.7	74.0	111.0
160	40.3	34.7	52.1

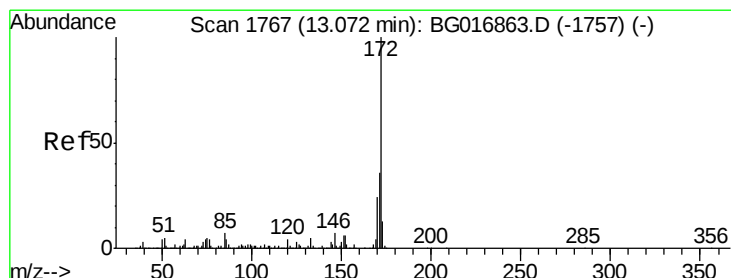
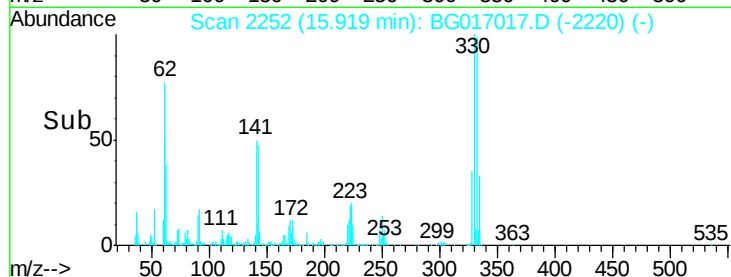
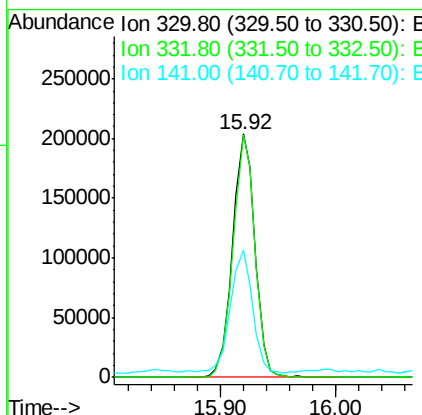
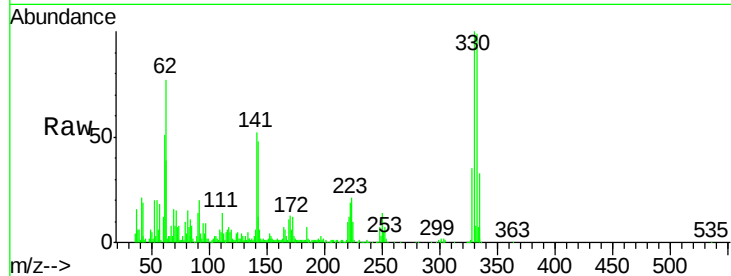




#41
 2,4,6-Tribromophenol
 Concen: 120.91 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG017017.D
 Acq: 10 May 2015 9:41

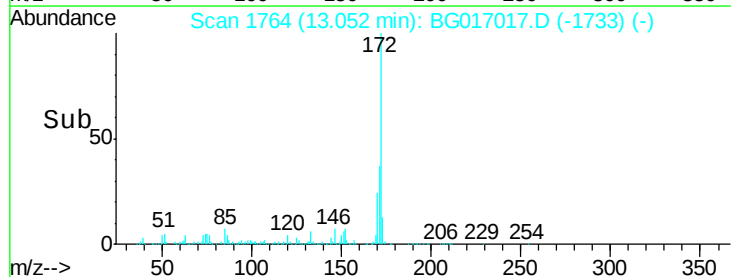
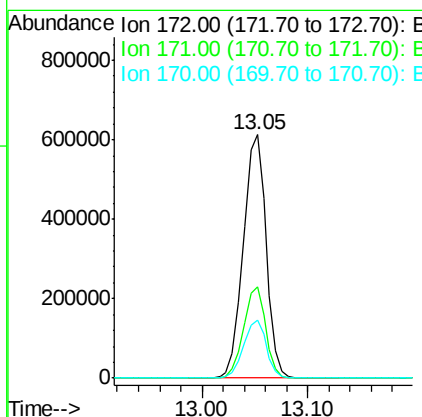
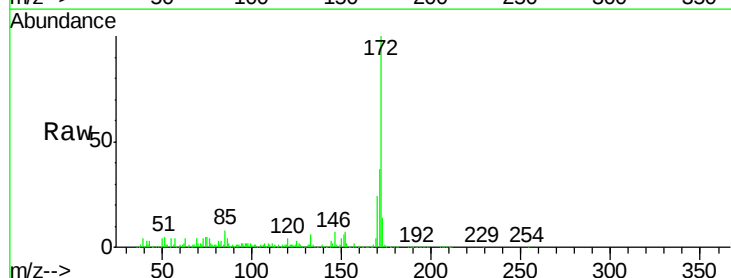
Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-11-7.5

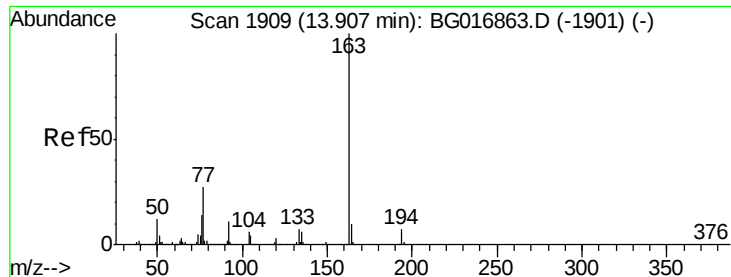
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	51.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 61.65 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG017017.D
 Acq: 10 May 2015 9:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.4
170	23.8	19.0	28.4





#49

Dimethylphthalate

Concen: 3.82 ng

RT: 13.88 min Scan# 1905

Delta R.T. -0.03 min

Lab File: BG017017.D

Acq: 10 May 2015 9:41

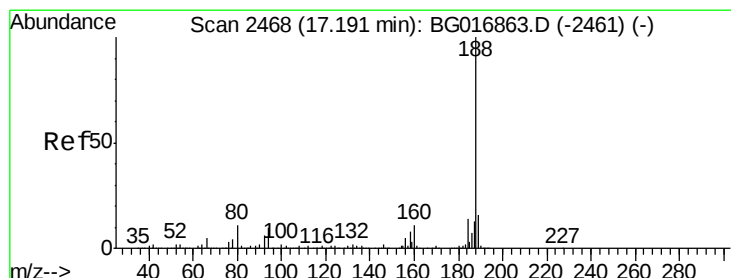
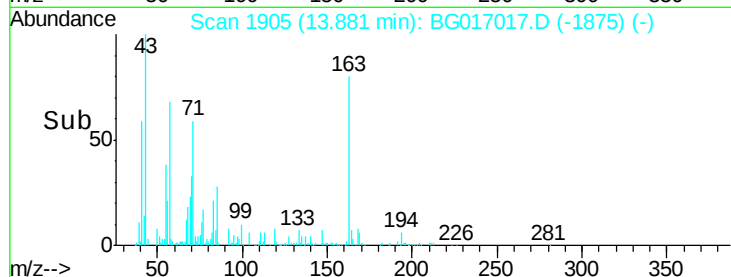
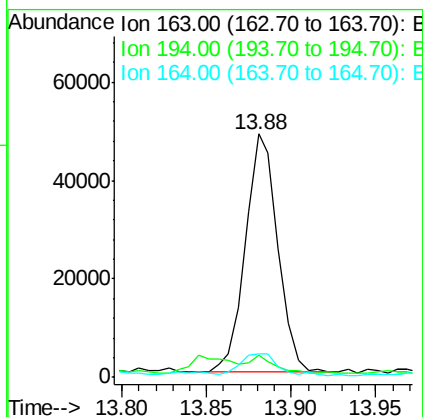
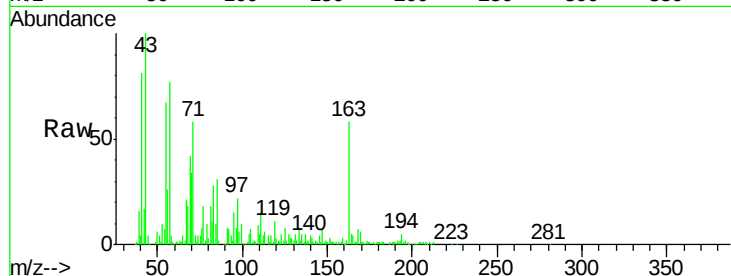
Instrument :

BNA_G

ClientSampleId :

TU021-SB-11-7.5

Tgt Ion:	163	Resp:	64114
Ion Ratio	Lower	Upper	
163	100		
194	9.1	5.2	7.8#
164	9.4	8.4	12.6



#63

Phenanthrene-d10

Concen: 20.00 ng

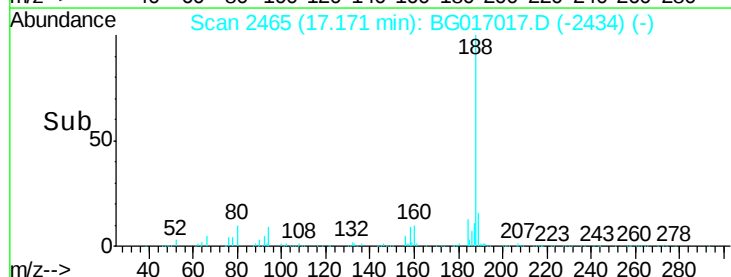
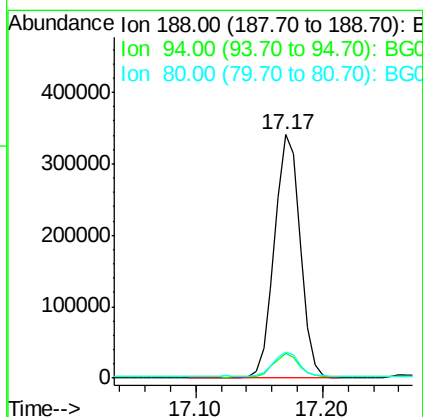
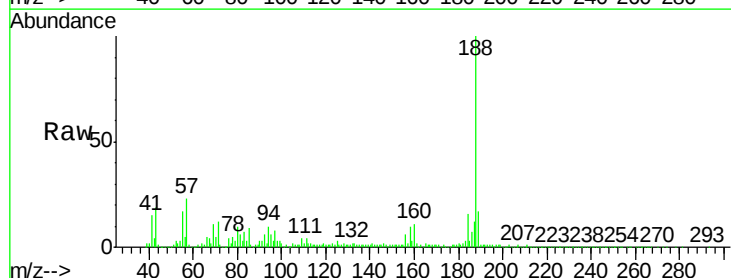
RT: 17.17 min Scan# 2465

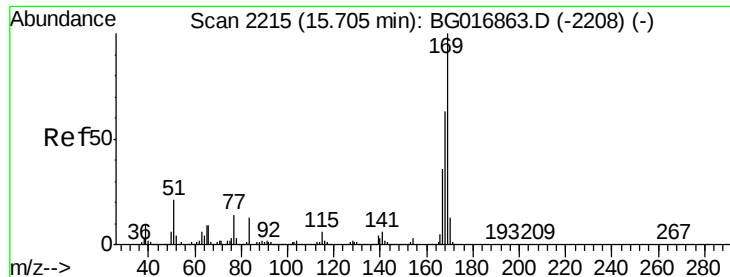
Delta R.T. -0.02 min

Lab File: BG017017.D

Acq: 10 May 2015 9:41

Tgt Ion:	188	Resp:	478270
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.2	12.4
80	10.5	8.8	13.2

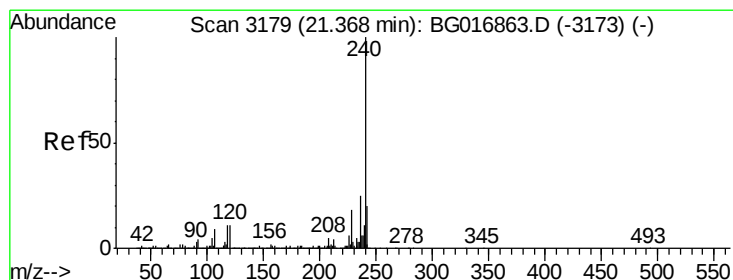
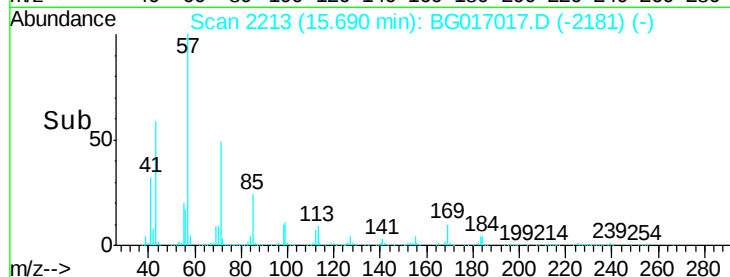
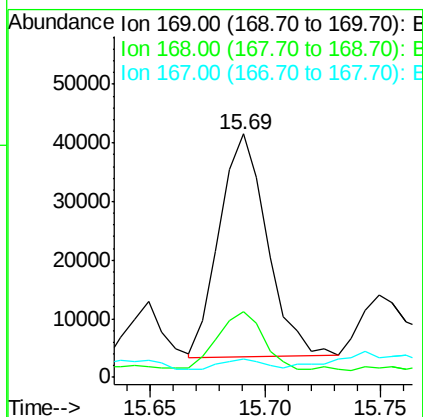
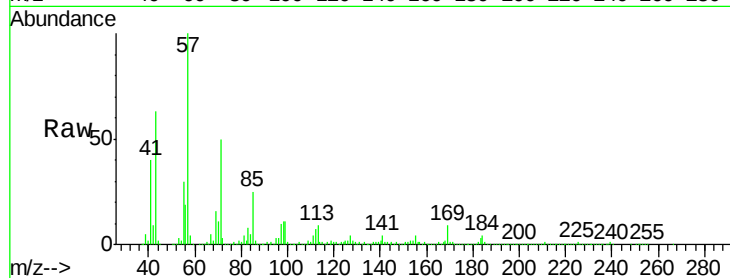




#65
 n-Nitrosodiphenylamine
 Concen: 3.76 ng
 RT: 15.69 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG017017.D
 Acq: 10 May 2015 9:41

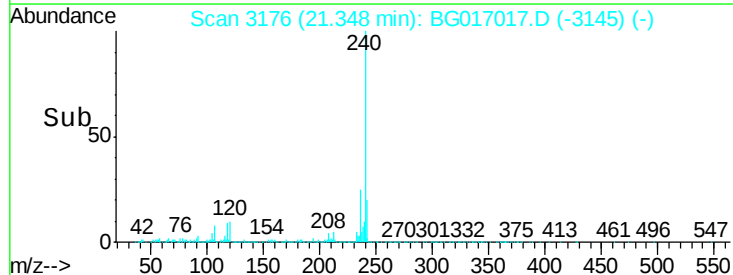
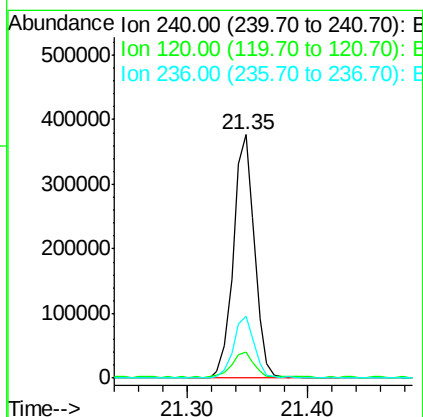
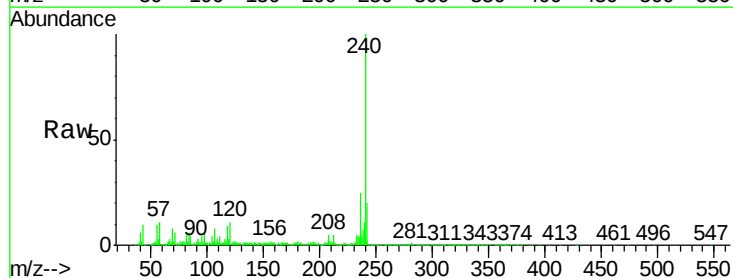
Instrument :
 BNA_G
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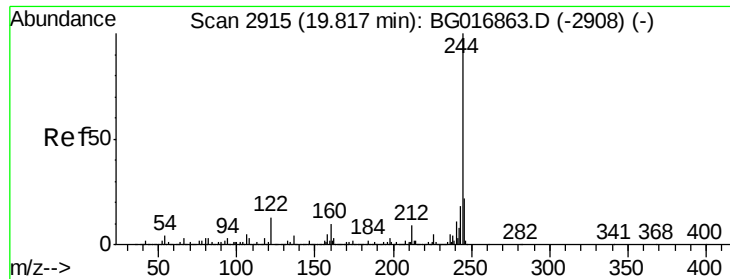
Tgt Ion:169 Resp: 54878
 Ion Ratio Lower Upper
 169 100
 168 27.1 50.6 76.0#
 167 7.4 29.0 43.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.35 min Scan# 3176
 Delta R.T. -0.02 min
 Lab File: BG017017.D
 Acq: 10 May 2015 9:41

Tgt Ion:240 Resp: 456969
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.1 13.7
 236 25.2 20.2 30.4

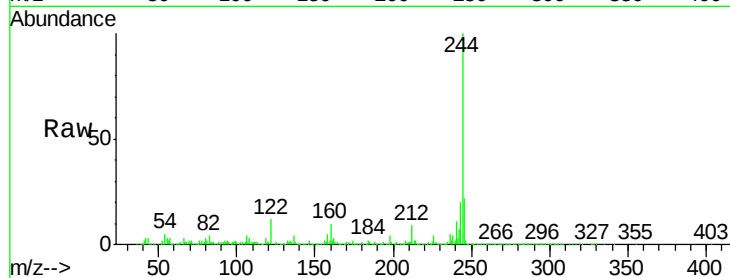




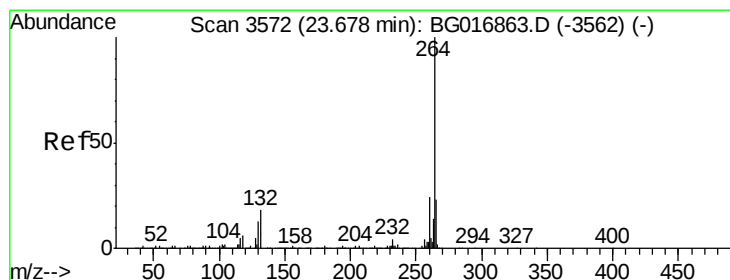
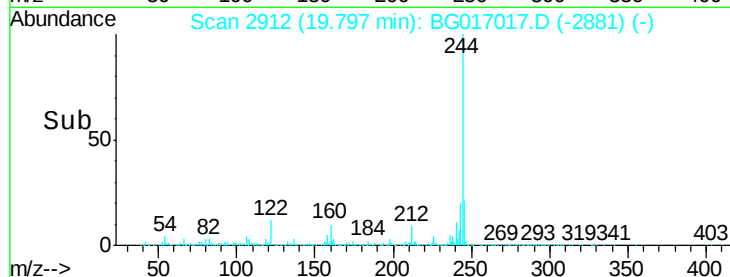
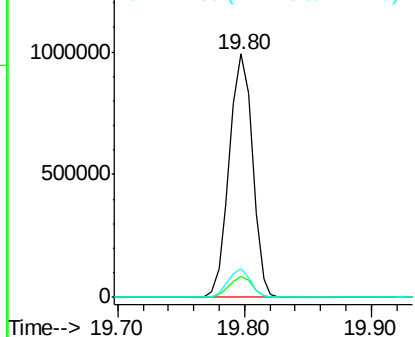
#78
 Terphenyl-d14
 Concen: 64.50 ng
 RT: 19.80 min Scan# 2912
 Delta R.T. -0.02 min
 Lab File: BG017017.D
 Acq: 10 May 2015 9:41

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-11-7.5

Tgt Ion:244 Resp: 1257399
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 11.7 10.4 15.6

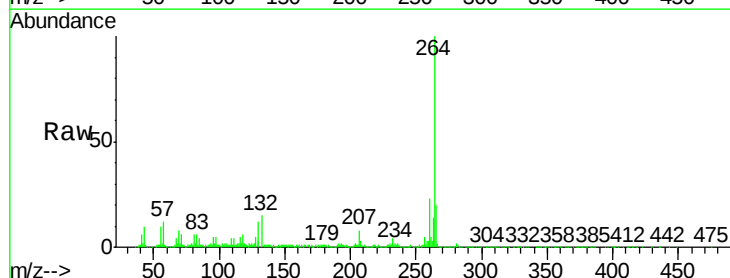


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3567
 Delta R.T. -0.03 min
 Lab File: BG017017.D
 Acq: 10 May 2015 9:41

Tgt Ion:264 Resp: 464655
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 20.5 18.5 27.7



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

