

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
 Data File : BG017479.D
 Acq On : 5 Jun 2015 18:08
 Operator : TP/IZ
 Sample : G2505-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BE-4

Quant Time: Jun 05 22:56:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 22:50:24 2015
 Response via : Initial Calibration

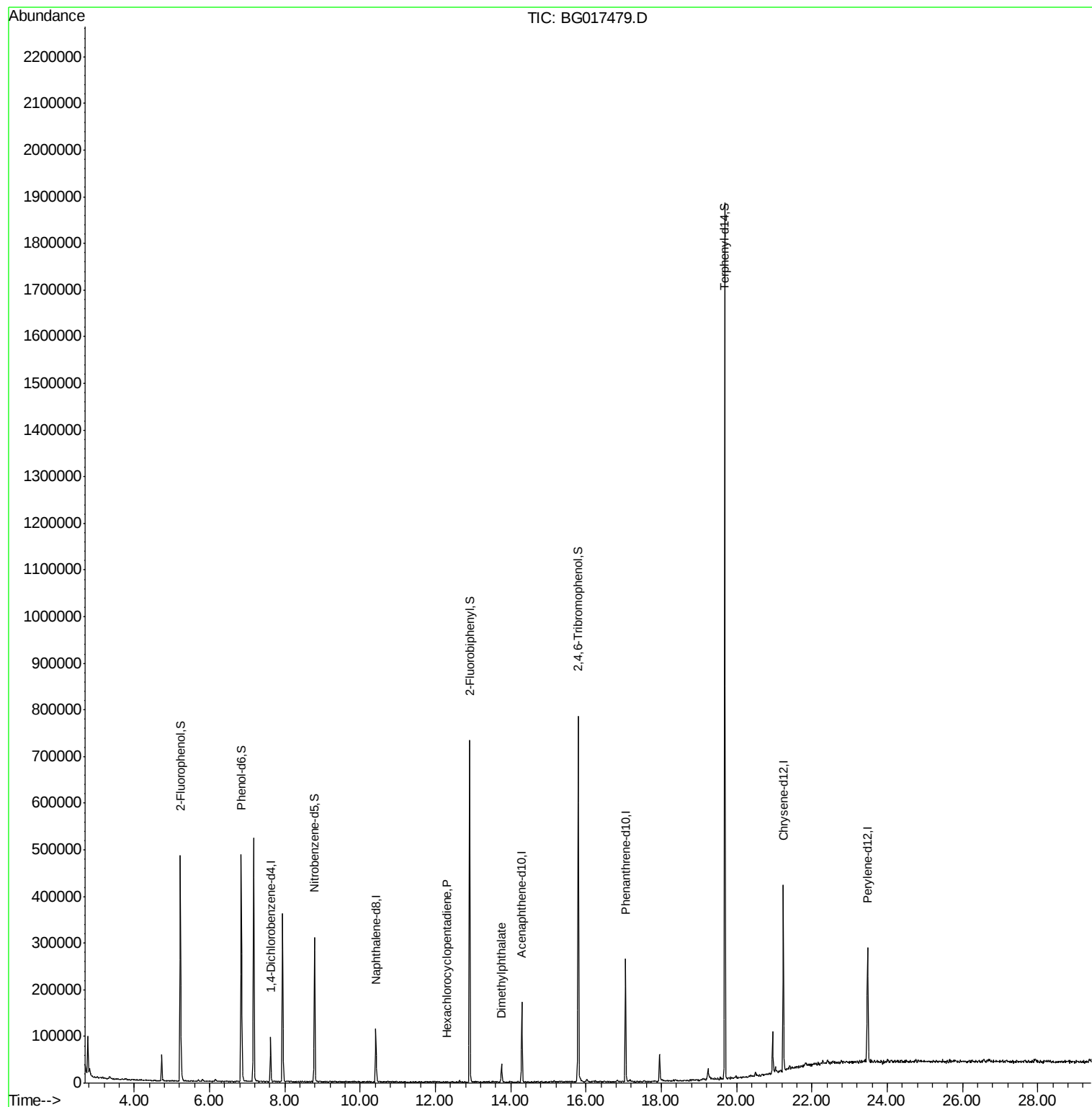
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	21004	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	82401	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	54935	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	136443	20.00	ng	0.00
75) Chrysene-d12	21.24	240	179818	20.00	ng	0.00
86) Perylene-d12	23.48	264	174541	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	173055	145.16	ng	0.00
7) Phenol-d6	6.84	99	217140	133.69	ng	0.00
23) Nitrobenzene-d5	8.79	82	154128	93.37	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	116074	152.13	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	329929	90.60	ng	0.00
78) Terphenyl-d14	19.69	244	734792	84.46	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.31	237	59	6.87	ng	# 27
49) Dimethylphthalate	13.76	163	25577	5.35	ng	# 94

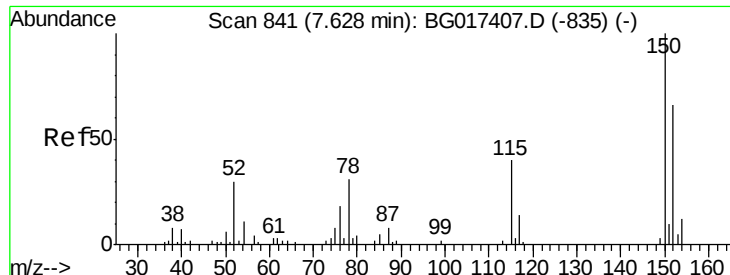
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
ClientSampleId :
BE-4

Quant Time: Jun 05 22:56:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 22:50:24 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.62 min Scan# 840

Delta R.T. 0.00 min

Lab File: BG017479.D

Acq: 5 Jun 2015 18:08

Instrument :

BNA_G

ClientSampleId :

BE-4

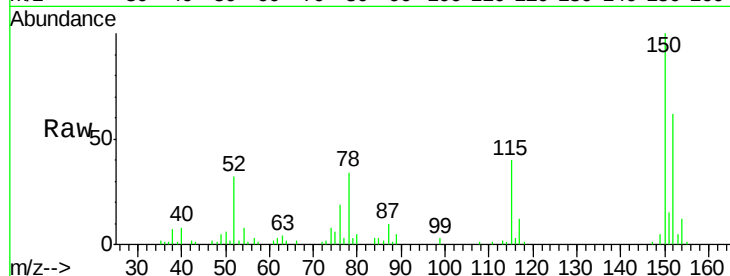
Tgt Ion:152 Resp: 21004

Ion Ratio Lower Upper

152 100

150 161.3 121.7 182.5

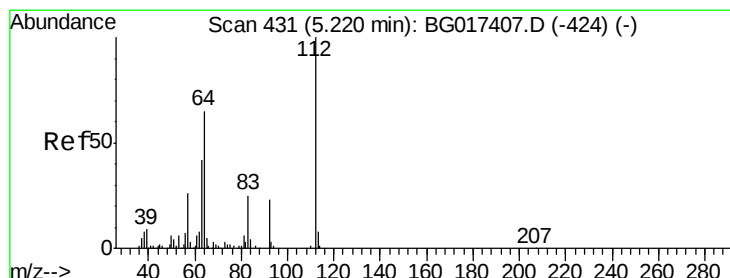
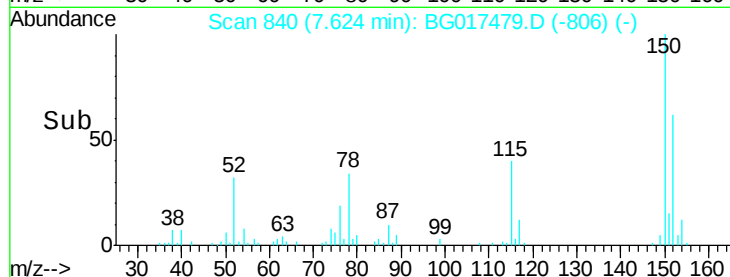
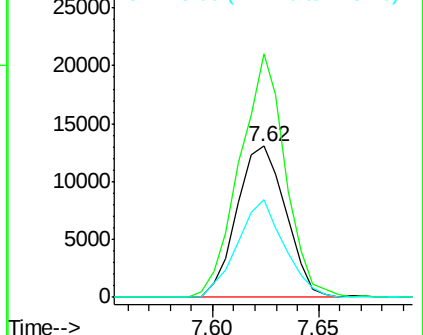
115 64.9 48.6 73.0



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: 145.16 ng

RT: 5.23 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG017479.D

Acq: 5 Jun 2015 18:08

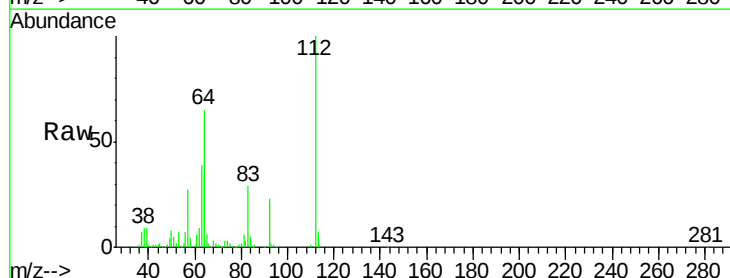
Tgt Ion:112 Resp: 173055

Ion Ratio Lower Upper

112 100

64 65.0 51.6 77.4

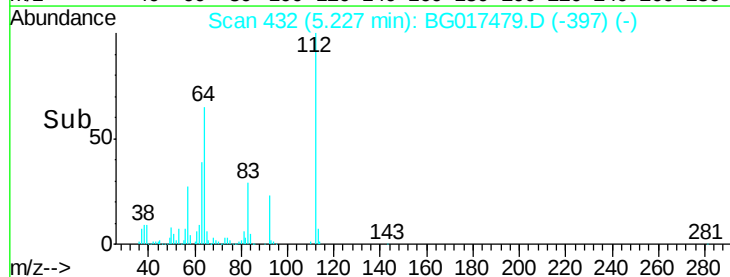
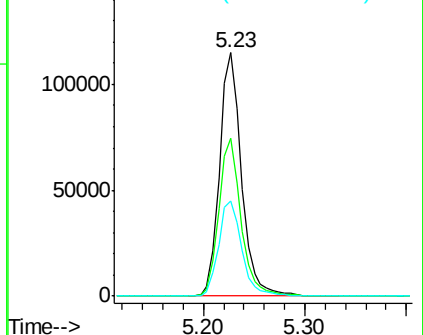
63 38.8 33.3 49.9

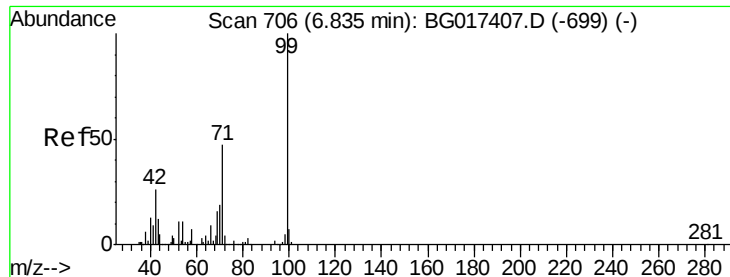


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.69 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG017479.D

Acq: 5 Jun 2015 18:08

Instrument :

BNA_G

ClientSampleId :

BE-4

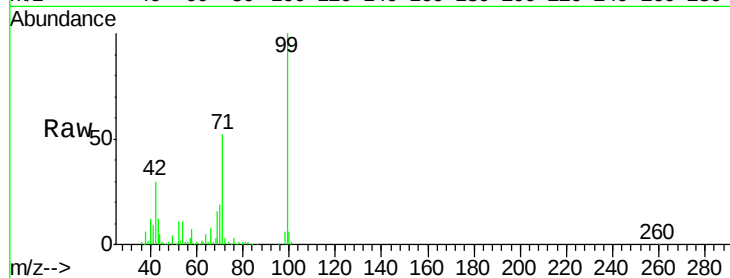
Tgt Ion: 99 Resp: 217140

Ion Ratio Lower Upper

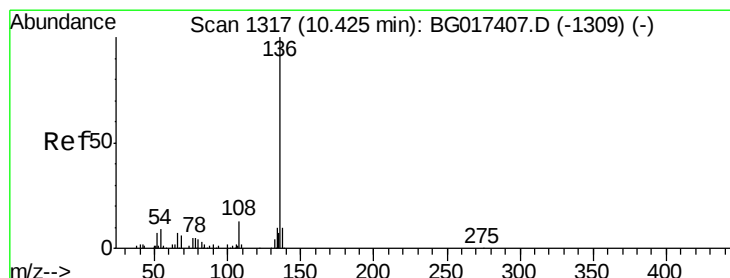
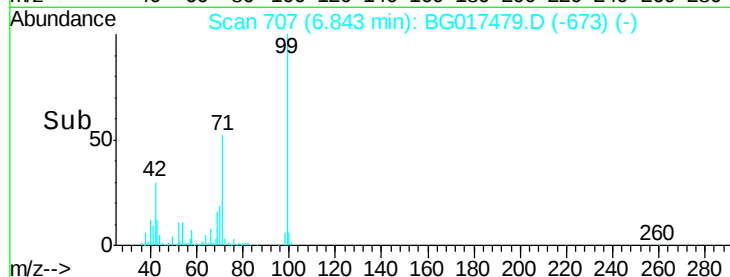
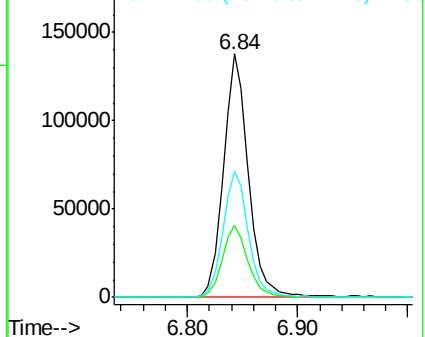
99 100

42 29.7 21.0 31.6

71 51.9 37.2 55.8



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: 10.42 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG017479.D

Acq: 5 Jun 2015 18:08

Tgt Ion: 136 Resp: 82401

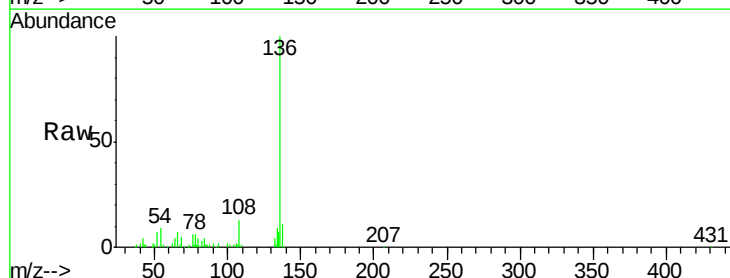
Ion Ratio Lower Upper

136 100

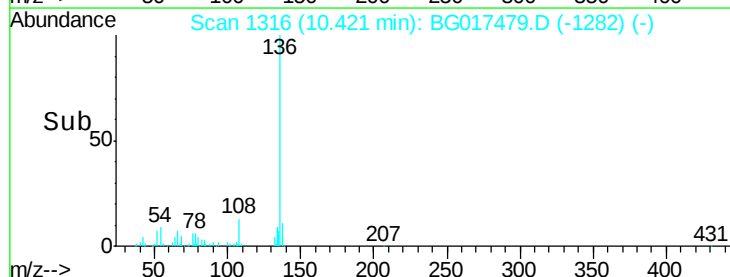
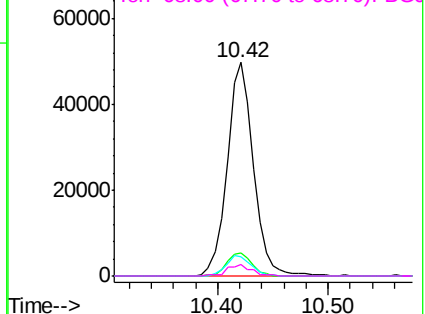
137 10.6 7.9 11.9

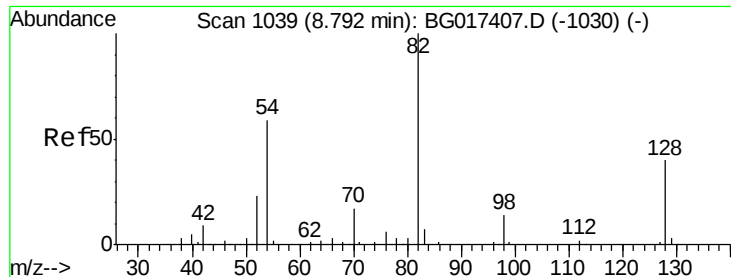
54 9.3 7.2 10.8

68 5.3 4.5 6.7



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: 93.37 ng

RT: 8.79 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BG017479.D

Acq: 5 Jun 2015 18:08

Instrument :

BNA_G

ClientSampled :

BE-4

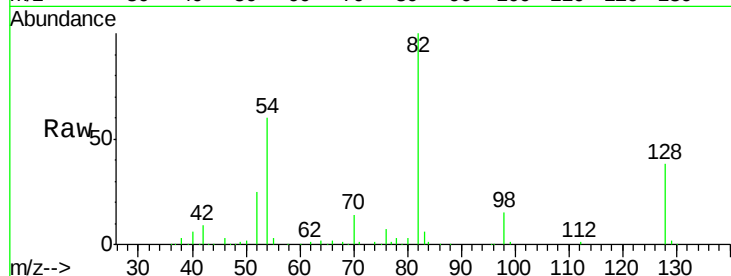
Tgt Ion: 82 Resp: 154128

Ion Ratio Lower Upper

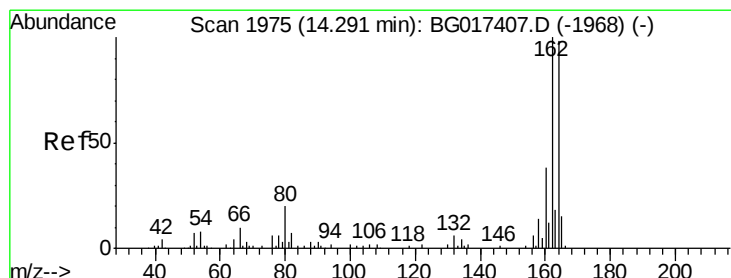
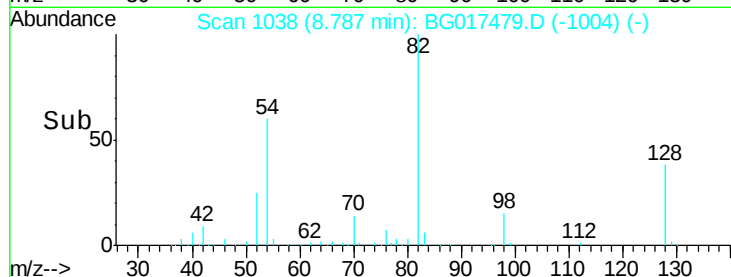
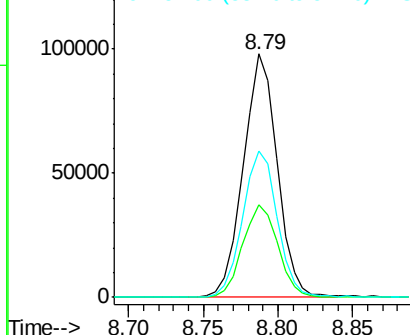
82 100

128 38.2 32.2 48.4

54 59.9 47.4 71.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.29 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG017479.D

Acq: 5 Jun 2015 18:08

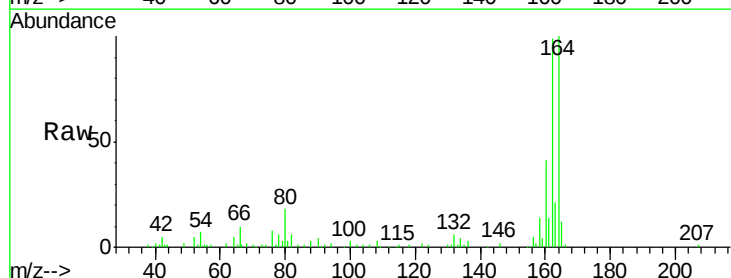
Tgt Ion: 164 Resp: 54935

Ion Ratio Lower Upper

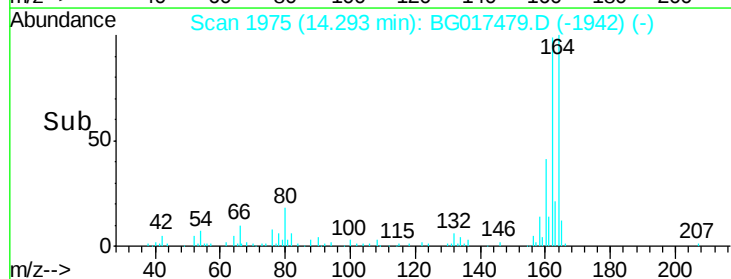
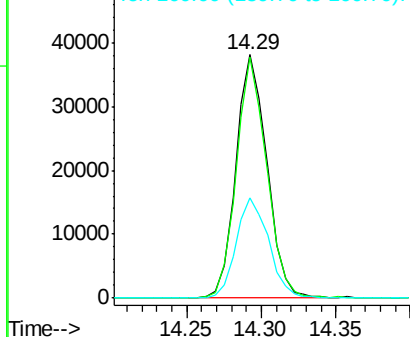
164 100

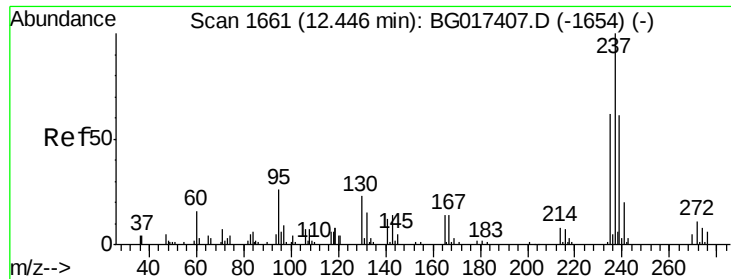
162 98.9 81.8 122.6

160 41.1 31.0 46.4



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#40

Hexachlorocyclopentadiene

Concen: 6.87 ng

RT: 12.31 min Scan# 1638

Delta R.T. -0.13 min

Lab File: BG017479.D

Acq: 5 Jun 2015 18:08

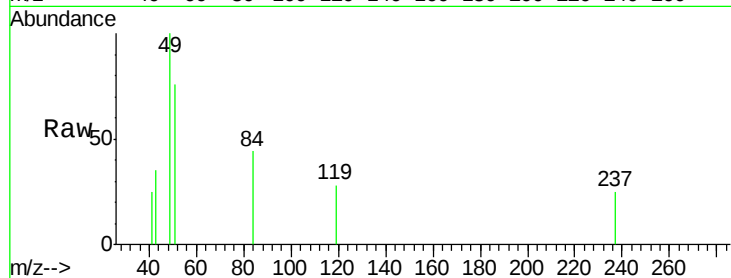
Instrument :

BNA_G

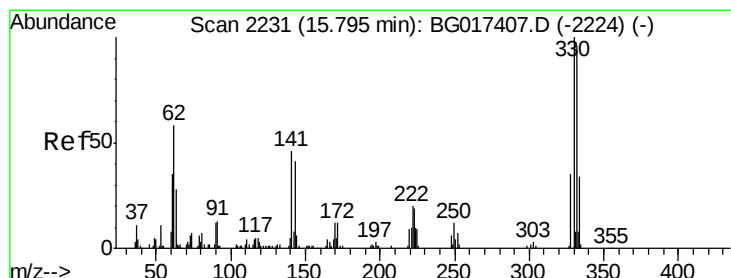
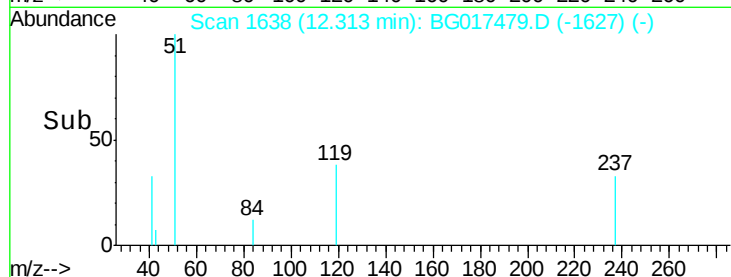
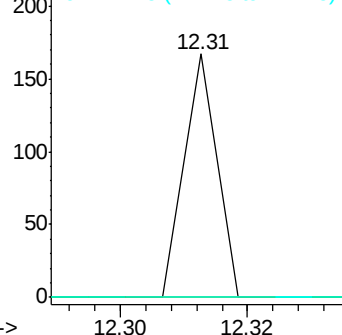
ClientSampleId :

BE-4

Tgt Ion:	237	Resp:	59
Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.3	82.3#
272	0.0	0.0	31.2



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 152.13 ng

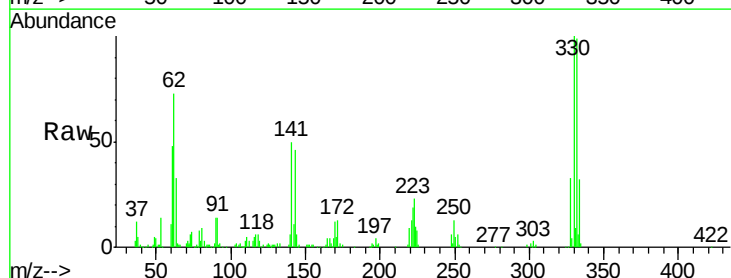
RT: 15.80 min Scan# 2231

Delta R.T. -0.00 min

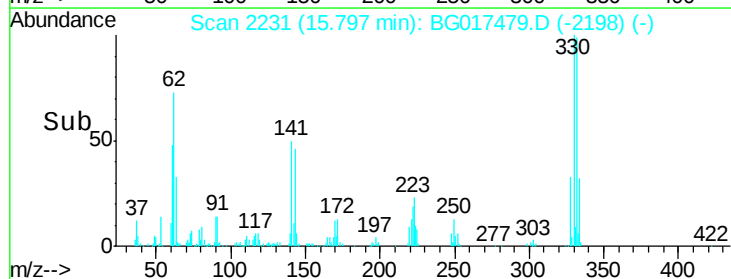
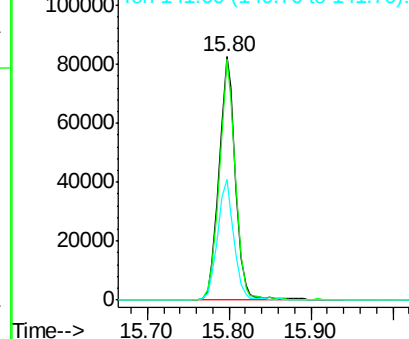
Lab File: BG017479.D

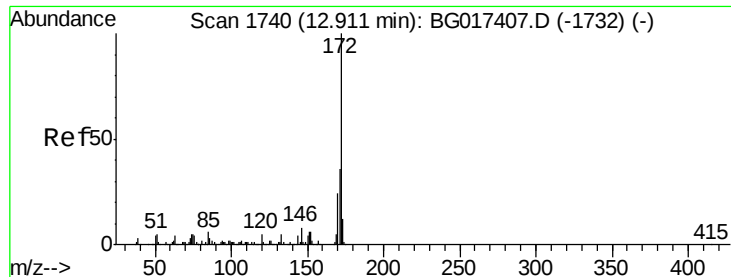
Acq: 5 Jun 2015 18:08

Tgt Ion:	330	Resp:	116074
Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.9	113.9
141	49.2	40.2	60.4



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

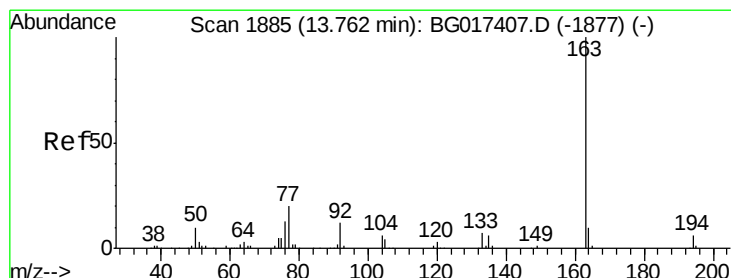
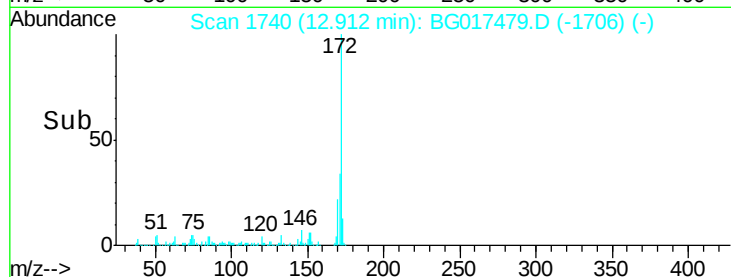
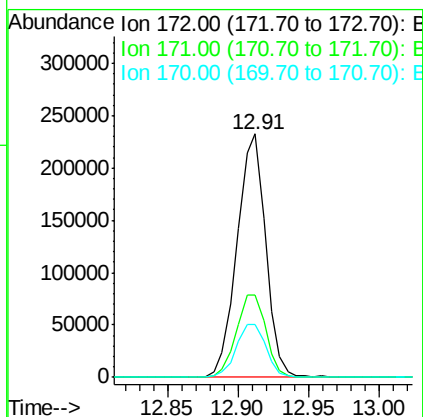
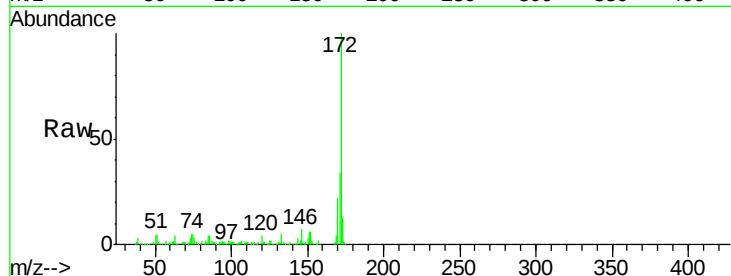




#44
2-Fluorobiphenyl
Concen: 90.60 ng
RT: 12.91 min Scan# 1740
Delta R.T. 0.00 min
Lab File: BG017479.D
Acq: 5 Jun 2015 18:08

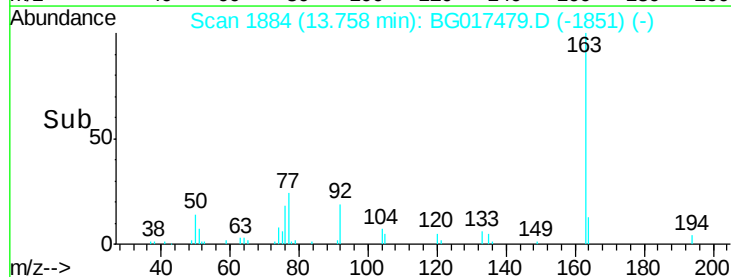
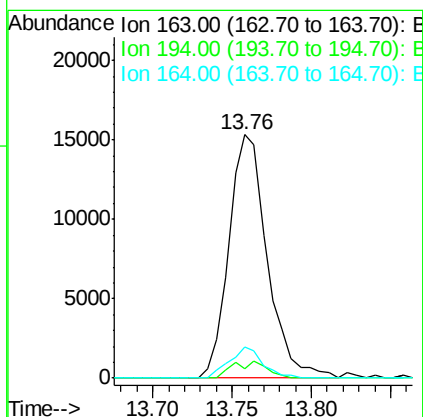
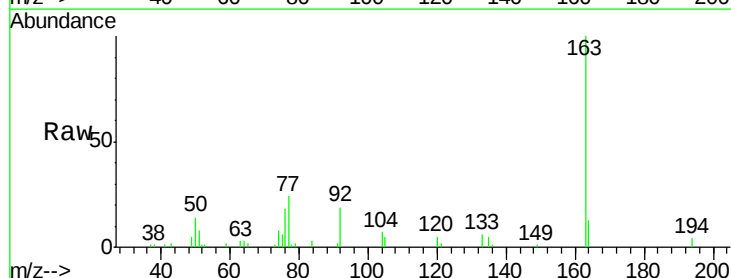
Instrument :
BNA_G
ClientSampleId :
BE-4

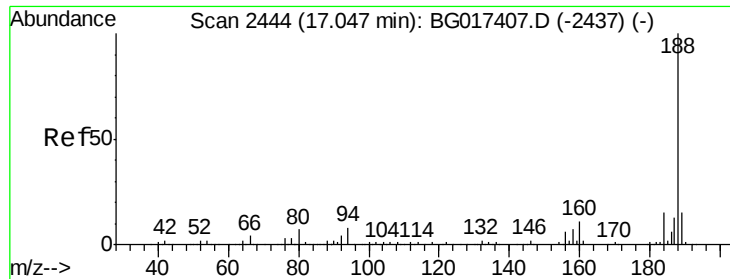
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.0	43.6
170	21.5	18.9	28.3



#49
Dimethylphthalate
Concen: 5.35 ng
RT: 13.76 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BG017479.D
Acq: 5 Jun 2015 18:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.9	7.3#
164	12.6	8.2	12.2#

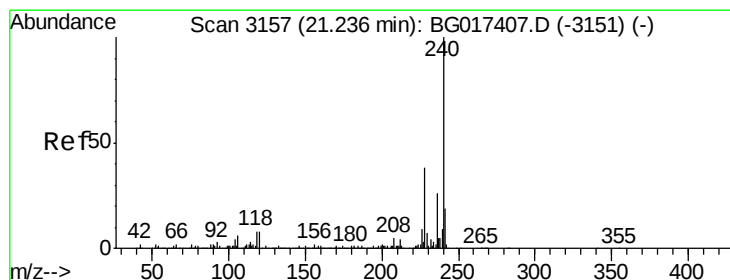
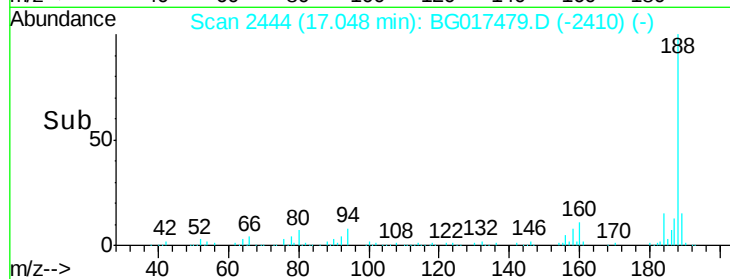
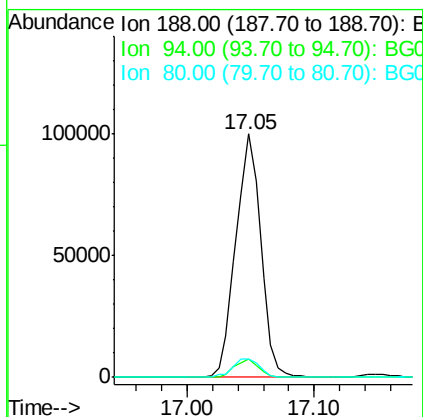
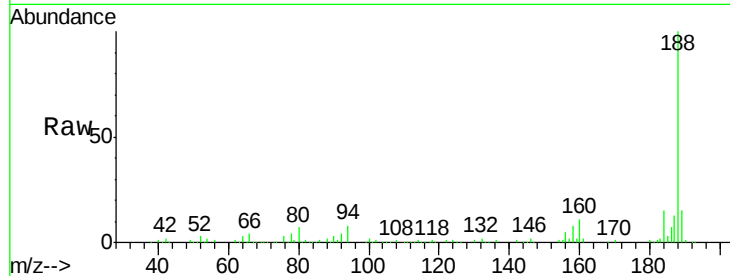




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.05 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BG017479.D
 Acq: 5 Jun 2015 18:08

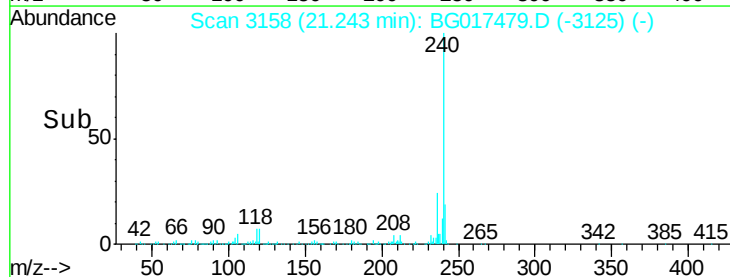
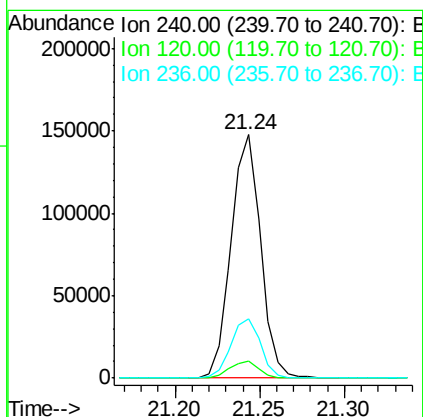
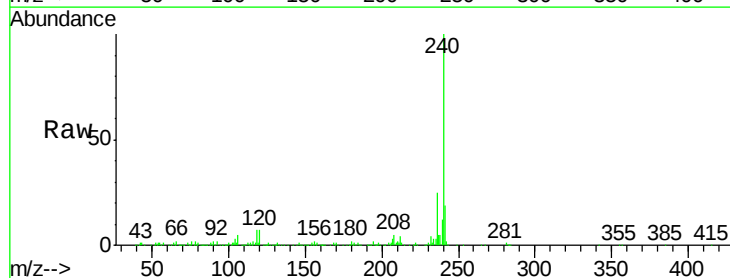
Instrument :
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 ClientSampleId :
 BE-4

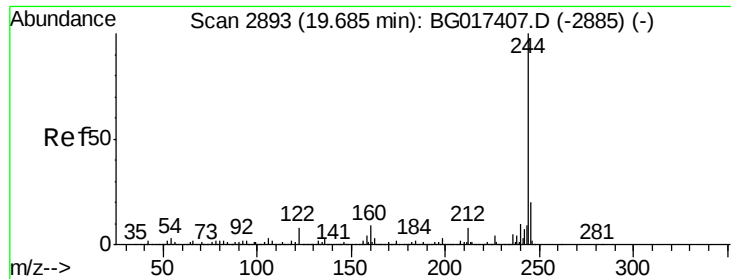
Tgt Ion:188 Resp: 136443
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.3 9.5
 80 7.4 5.2 7.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.24 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BG017479.D
 Acq: 5 Jun 2015 18:08

Tgt Ion:240 Resp: 179818
 Ion Ratio Lower Upper
 240 100
 120 7.2 6.5 9.7
 236 24.6 20.8 31.2





#78

Terphenyl-d14

Concen: 84.46 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG017479.D

Acq: 5 Jun 2015 18:08

Instrument :

BNA_G

ClientSampleId :

BE-4

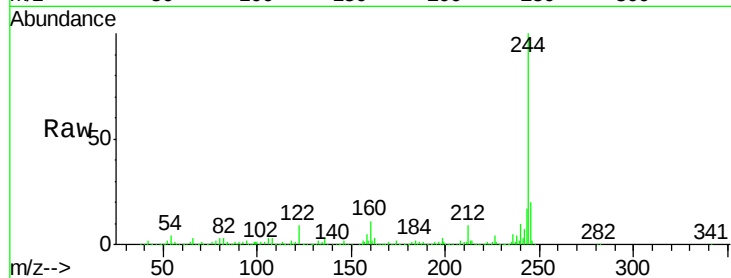
Tgt Ion:244 Resp: 734792

Ion Ratio Lower Upper

244 100

212 8.7 6.4 9.6

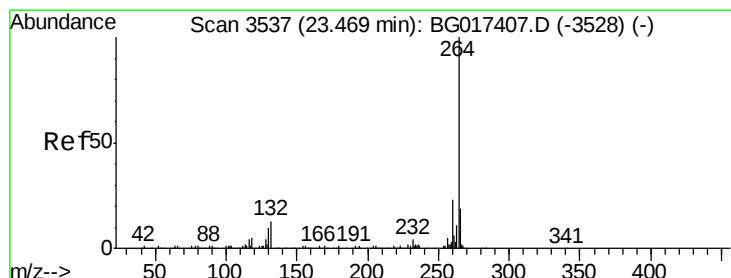
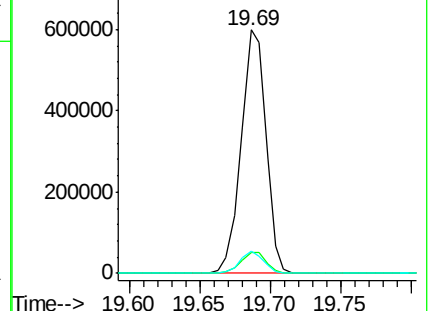
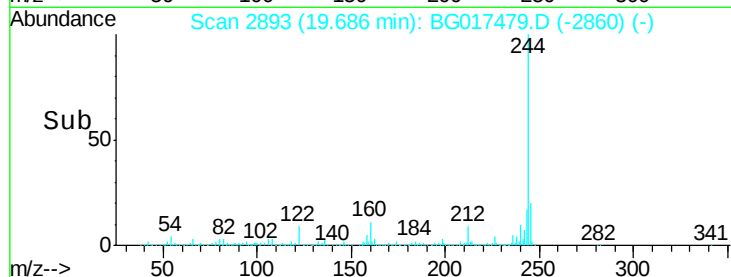
122 9.2 6.6 10.0



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: 23.48 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG017479.D

Acq: 5 Jun 2015 18:08

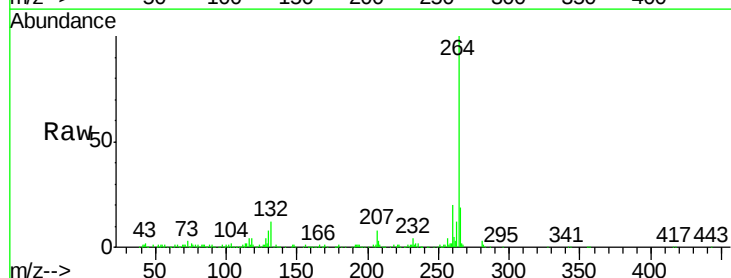
Tgt Ion:264 Resp: 174541

Ion Ratio Lower Upper

264 100

260 20.0 18.2 27.4

265 19.4 15.8 23.6



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

