

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
 Data File : BG017616.D
 Acq On : 11 Jun 2015 19:17
 Operator : TP/IZ
 Sample : G2576-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SHB13W

Quant Time: Jun 12 01:23:53 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 01:16:03 2015
 Response via : Initial Calibration

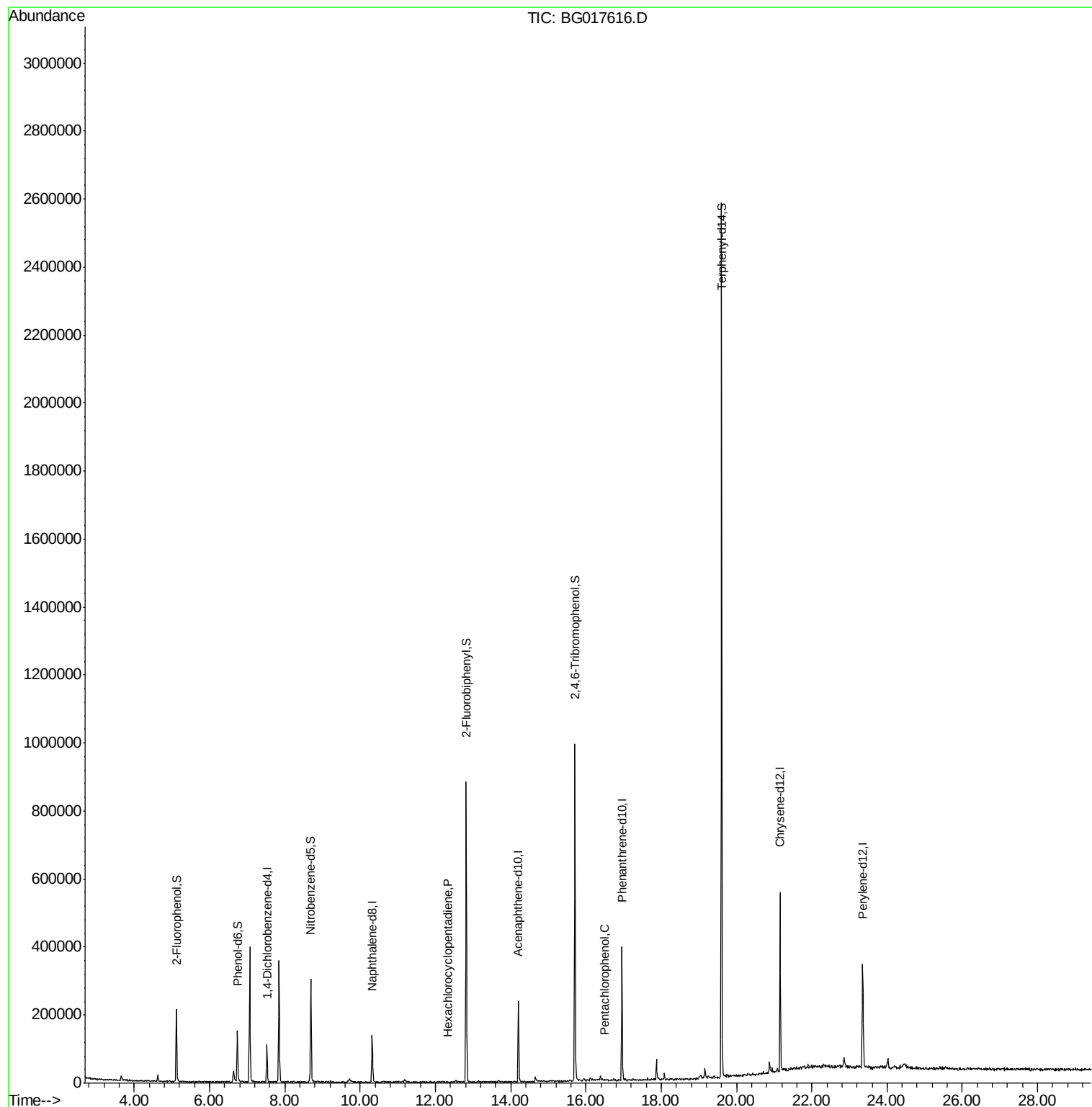
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	22330	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	88156	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	70646	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	201299	20.00	ng	0.00
75) Chrysene-d12	21.16	240	244030	20.00	ng	0.00
86) Perylene-d12	23.35	264	213525	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	69073	54.50	ng	0.00
7) Phenol-d6	6.74	99	57947	33.56	ng	0.00
23) Nitrobenzene-d5	8.69	82	141528	80.14	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	120789	123.10	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	371062	79.23	ng	0.00
78) Terphenyl-d14	19.61	244	901058	76.31	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.35	237	62	6.86	ng	# 27
69) Pentachlorophenol	16.51	266	57	5.53	ng	# 22

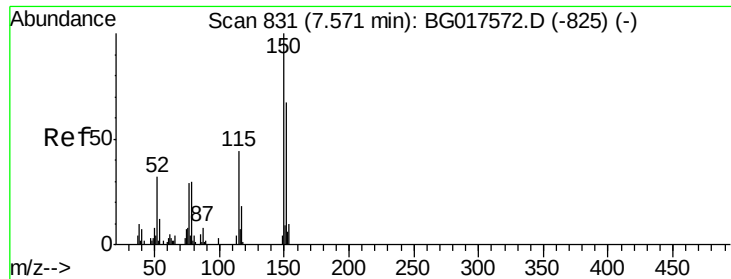
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : G2576-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
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SHB13W

Quant Time: Jun 12 01:23:53 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 01:16:03 2015
Response via : Initial Calibration



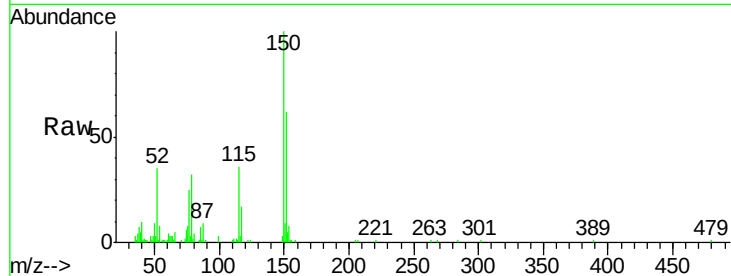


#1

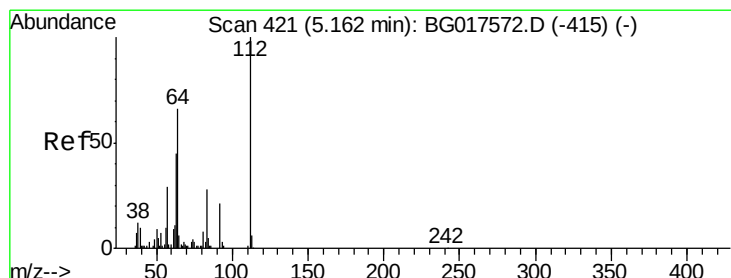
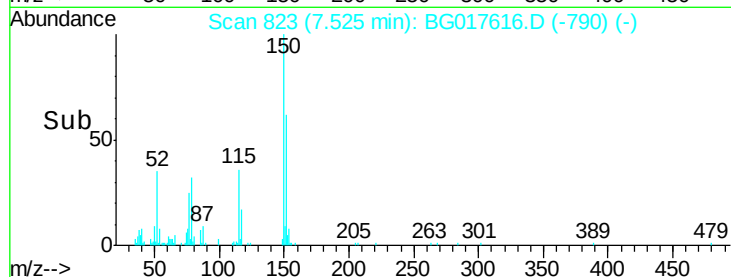
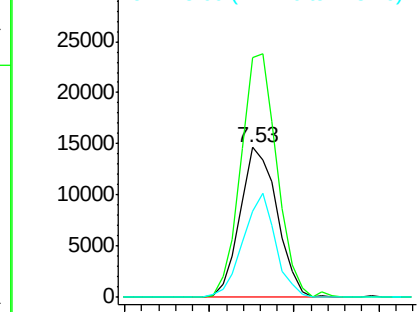
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.53 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG017616.D
Acq: 11 Jun 2015 19:17

Instrument :
BNA_G
ClientSampleId :
SHB13W

Tgt Ion:152 Resp: 22330
Ion Ratio Lower Upper
152 100
150 160.2 121.7 182.5
115 57.5 48.6 73.0



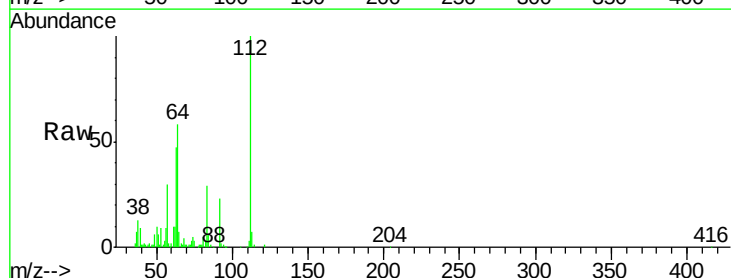
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



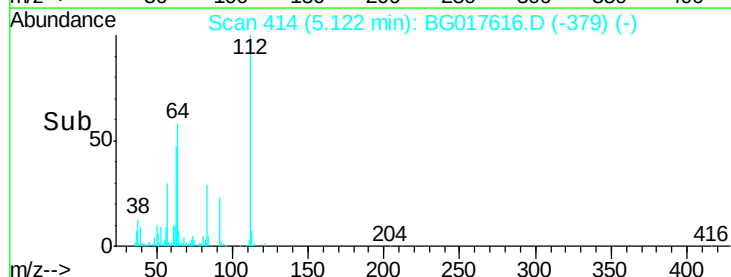
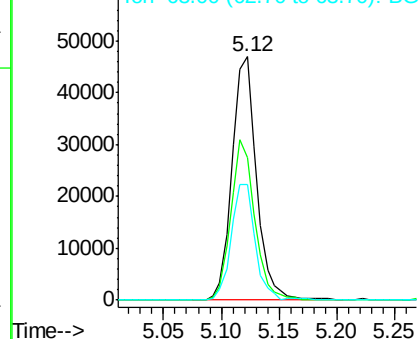
#5

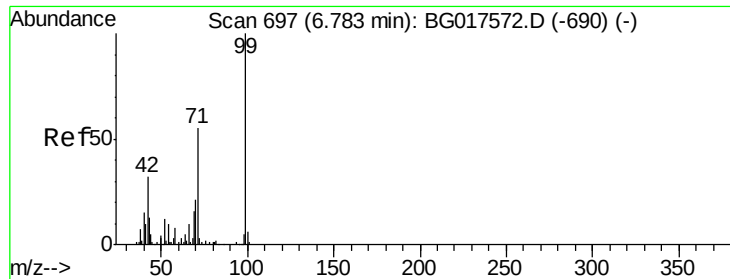
2-Fluorophenol
Concen: 54.50 ng
RT: 5.12 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG017616.D
Acq: 11 Jun 2015 19:17

Tgt Ion:112 Resp: 69073
Ion Ratio Lower Upper
112 100
64 58.4 51.6 77.4
63 47.3 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: 33.56 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017616.D

Acq: 11 Jun 2015 19:17

Instrument :

BNA_G

ClientSampleId :

SHB13W

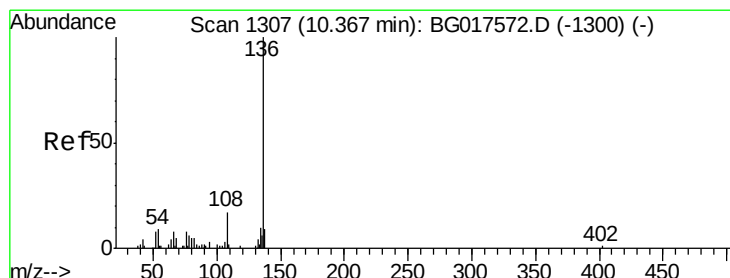
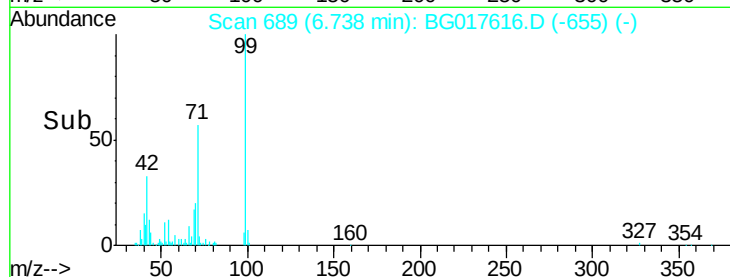
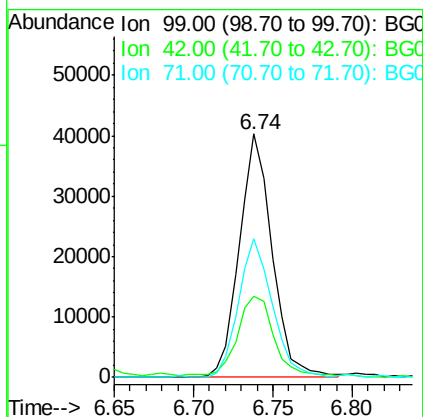
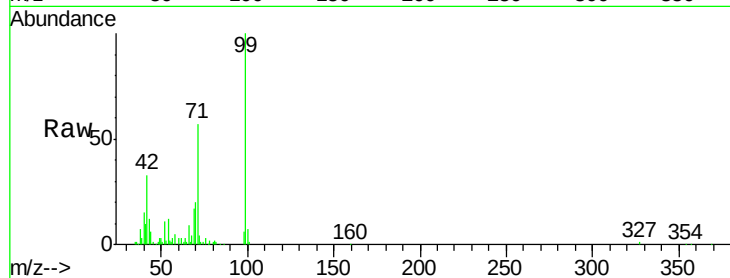
Tgt Ion: 99 Resp: 57947

Ion Ratio Lower Upper

99 100

42 33.3 21.0 31.6#

71 57.0 37.2 55.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG017616.D

Acq: 11 Jun 2015 19:17

Tgt Ion: 136 Resp: 88156

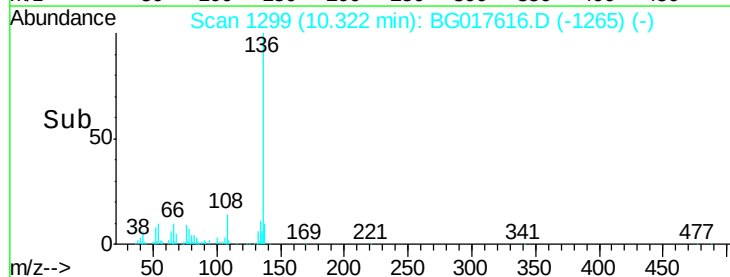
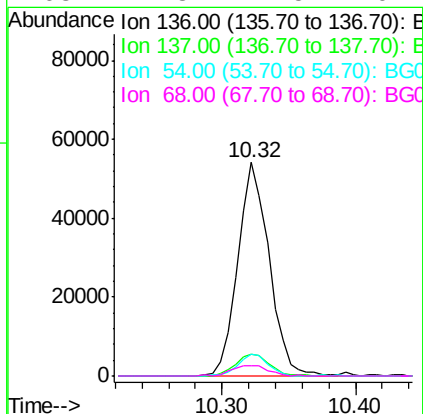
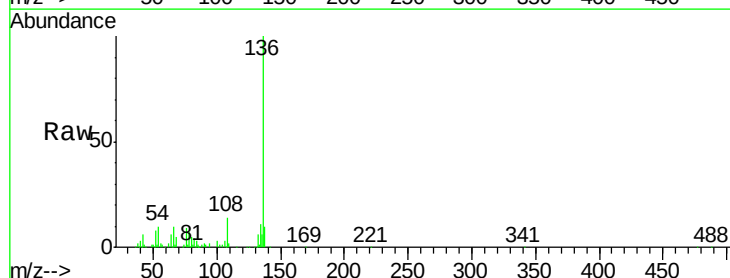
Ion Ratio Lower Upper

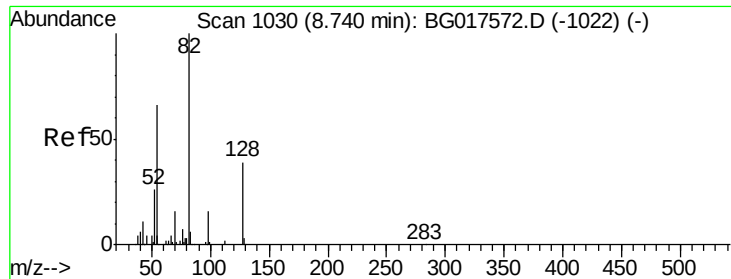
136 100

137 10.1 7.9 11.9

54 10.0 7.2 10.8

68 4.8 4.5 6.7

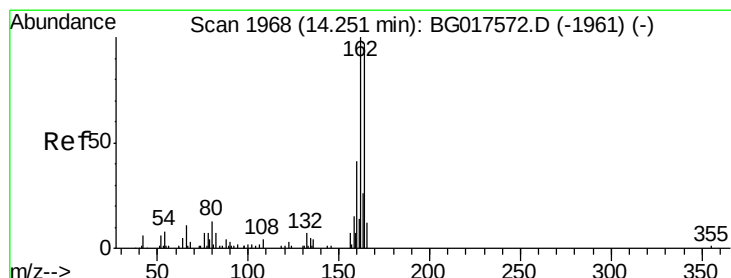
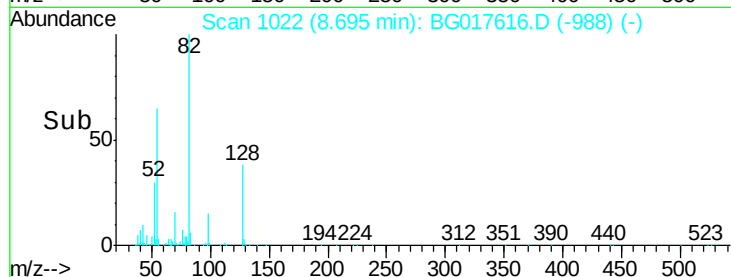
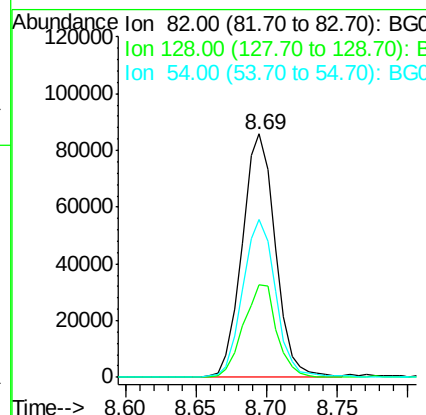
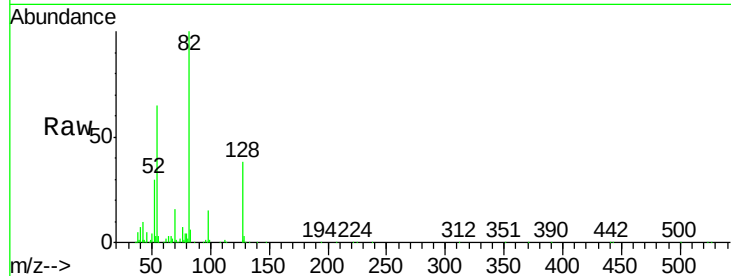




#23
 Nitrobenzene-d5
 Concen: 80.14 ng
 RT: 8.69 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG017616.D
 Acq: 11 Jun 2015 19:17

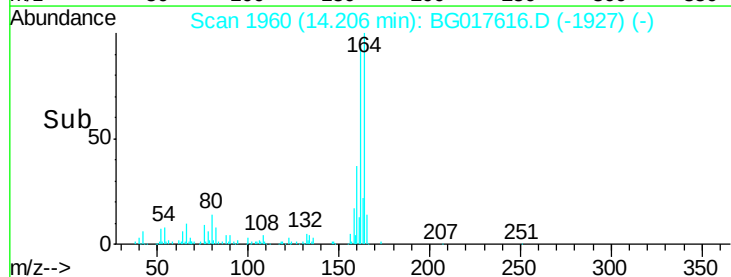
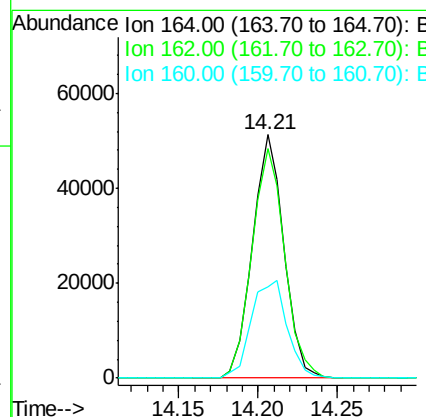
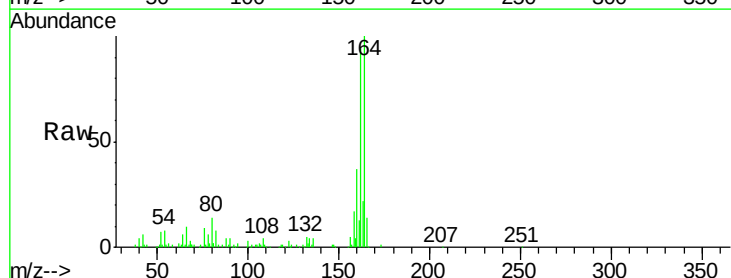
Instrument :
 BNA_G
 ClientSampleId :
 SHB13W

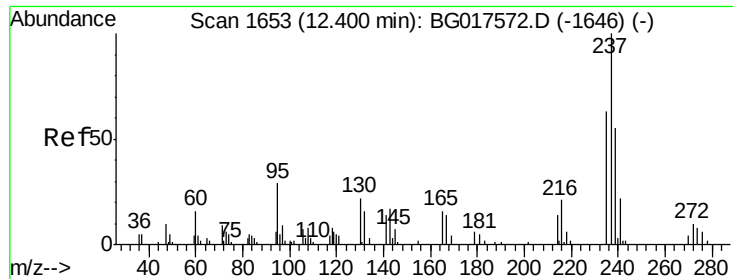
Tgt Ion: 82 Resp: 141528
 Ion Ratio Lower Upper
 82 100
 128 38.1 32.2 48.4
 54 64.6 47.4 71.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.21 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG017616.D
 Acq: 11 Jun 2015 19:17

Tgt Ion: 164 Resp: 70646
 Ion Ratio Lower Upper
 164 100
 162 94.1 81.8 122.6
 160 37.5 31.0 46.4





#40

Hexachlorocyclopentadiene

Concen: 6.86 ng

RT: 12.35 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG017616.D

Acq: 11 Jun 2015 19:17

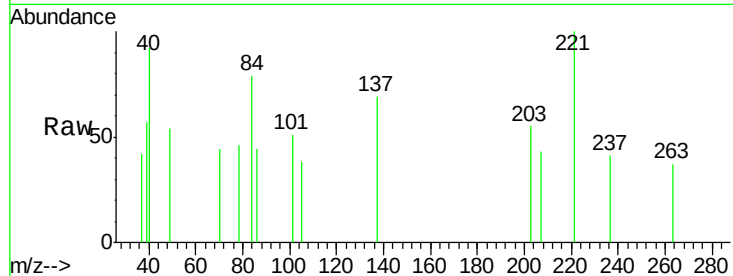
Instrument :

BNA_G

ClientSampleId :

SHB13W

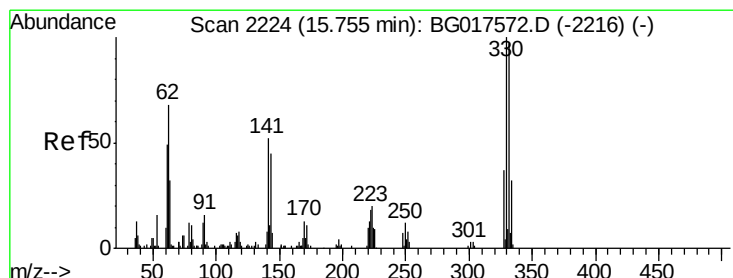
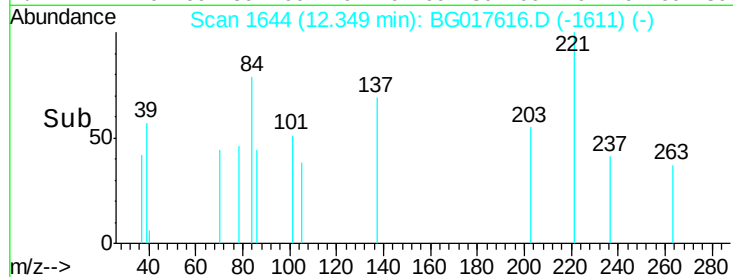
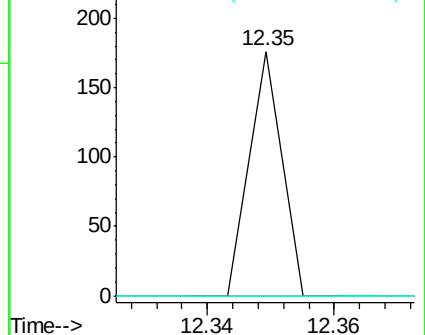
Tgt Ion:	237	Resp:	62
Ion Ratio	Lower	Upper	
237	100		
235	0.0	42.3	82.3#
272	0.0	0.0	31.2



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: 123.10 ng

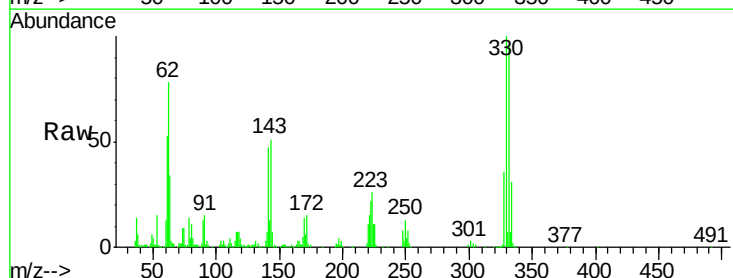
RT: 15.71 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG017616.D

Acq: 11 Jun 2015 19:17

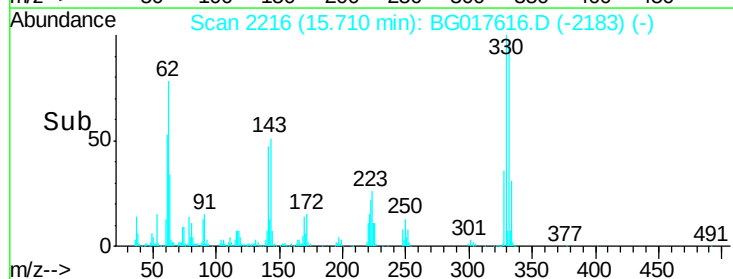
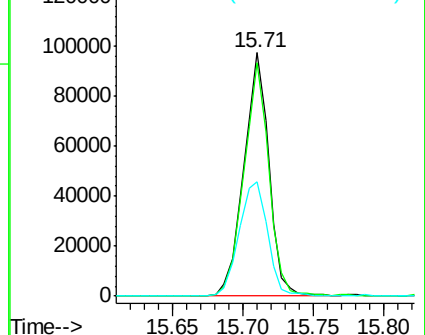
Tgt Ion:	330	Resp:	120789
Ion Ratio	Lower	Upper	
330	100		
332	96.3	75.9	113.9
141	53.5	40.2	60.4

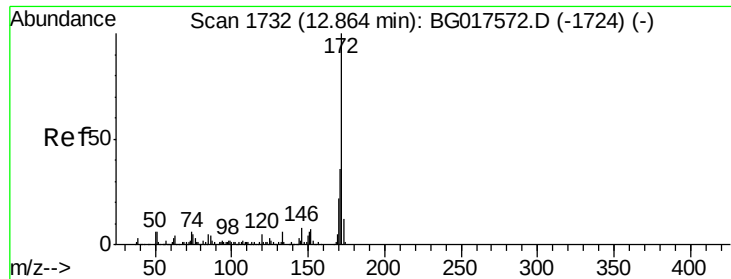


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

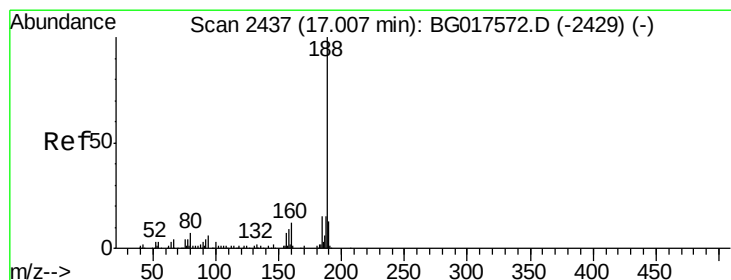
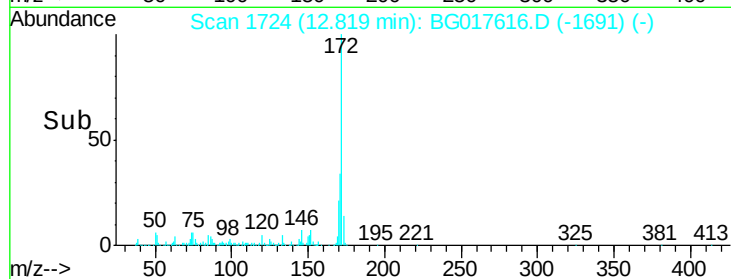
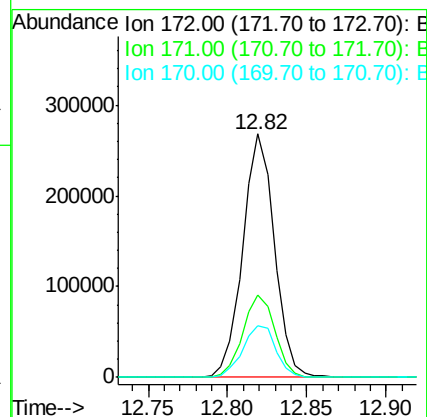
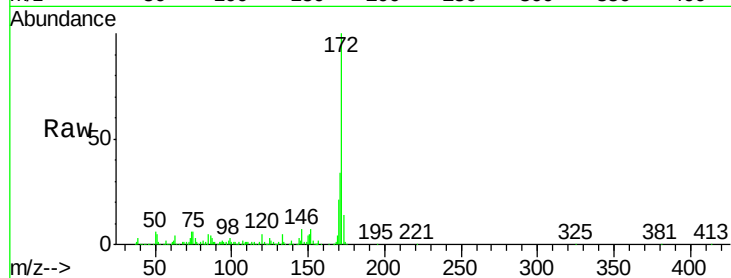




#44
2-Fluorobiphenyl
Concen: 79.23 ng
RT: 12.82 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG017616.D
Acq: 11 Jun 2015 19:17

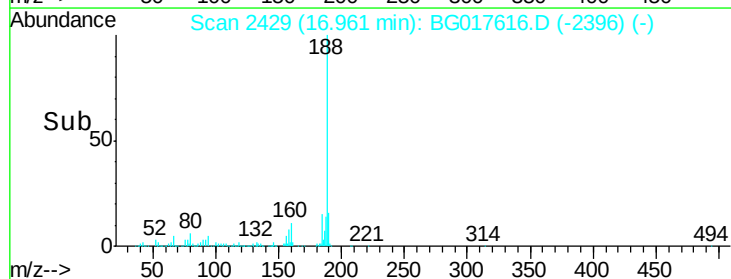
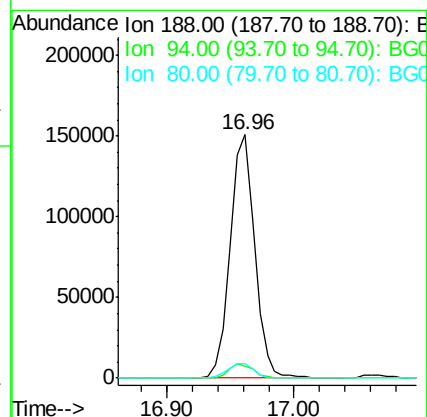
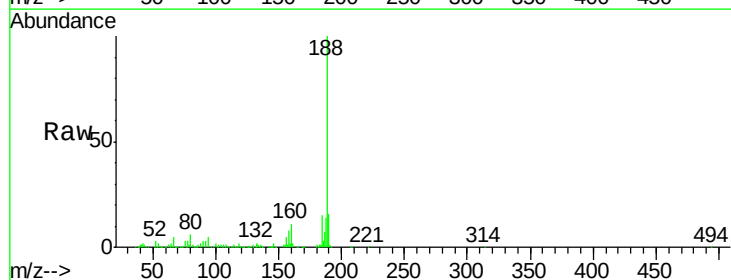
Instrument :
BNA_G
ClientSampleId :
SHB13W

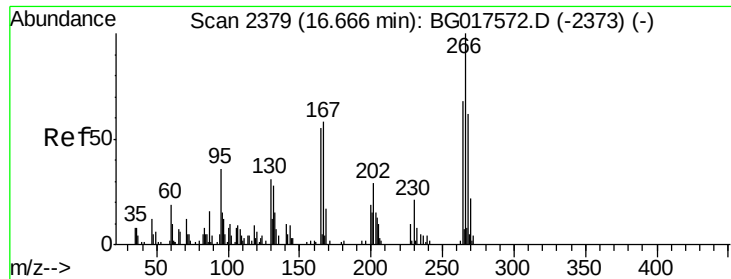
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.0	43.6
170	21.4	18.9	28.3



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG017616.D
Acq: 11 Jun 2015 19:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.7	6.3	9.5#
80	5.9	5.2	7.8

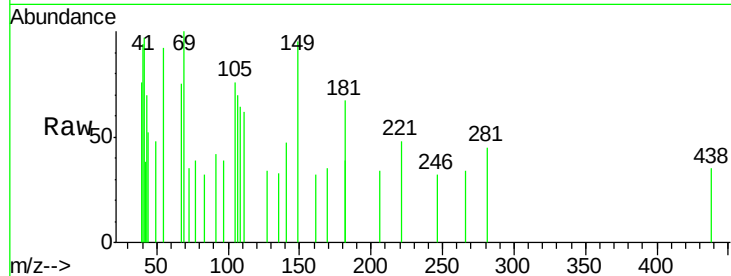




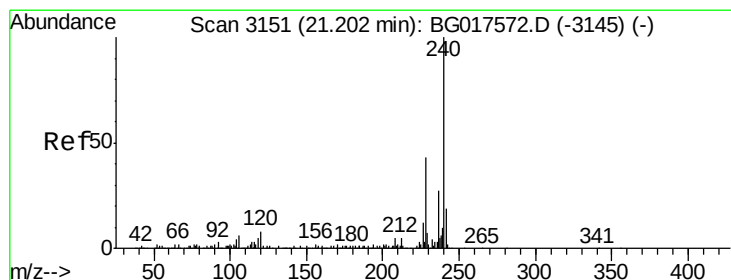
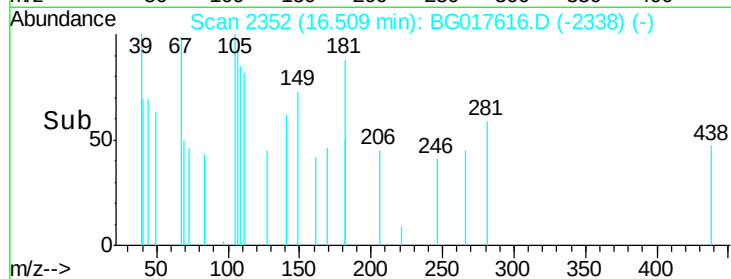
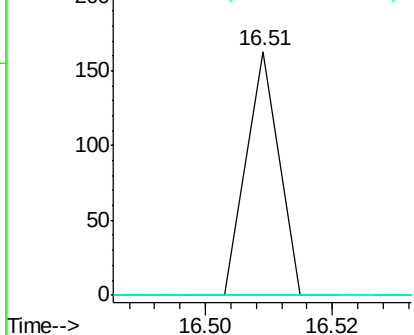
#69
 Pentachlorophenol
 Concen: 5.53 ng
 RT: 16.51 min Scan# 2352
 Delta R.T. -0.12 min
 Lab File: BG017616.D
 Acq: 11 Jun 2015 19:17

Instrument :
 BNA_G
 ClientSampleId :
 SHB13W

Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	47.0	70.6#
264	0.0	45.7	68.5#

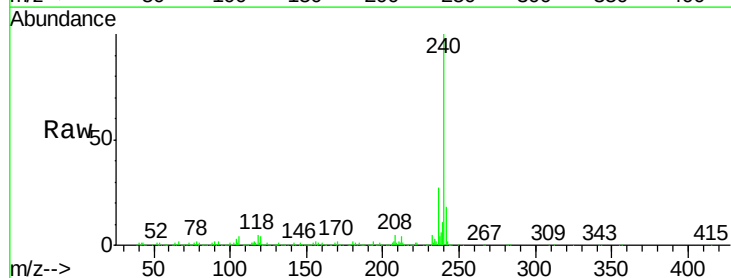


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

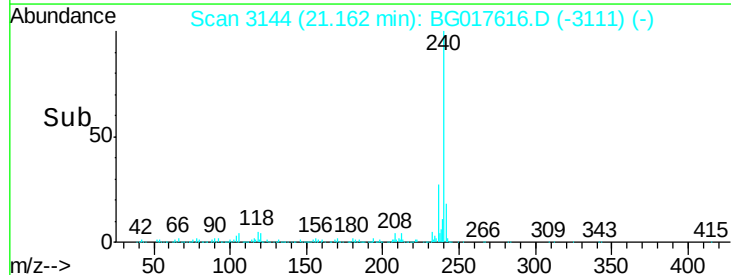
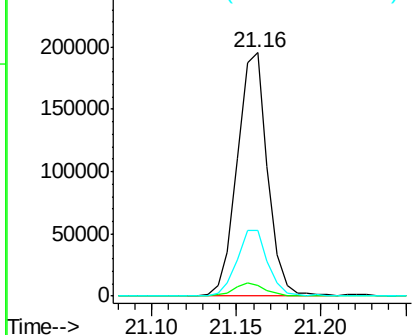


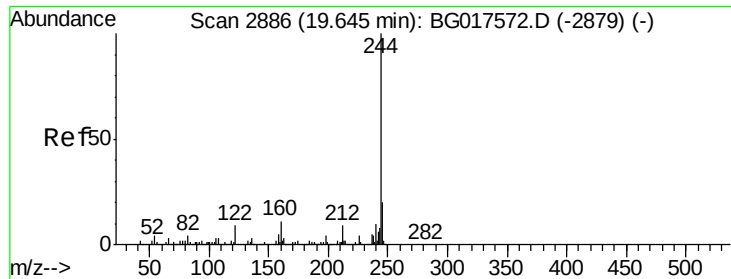
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.16 min Scan# 3144
 Delta R.T. -0.00 min
 Lab File: BG017616.D
 Acq: 11 Jun 2015 19:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.2	6.5	9.7#
236	27.2	20.8	31.2



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: 76.31 ng

RT: 19.61 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017616.D

Acq: 11 Jun 2015 19:17

Instrument :

BNA_G

ClientSampleId :

SHB13W

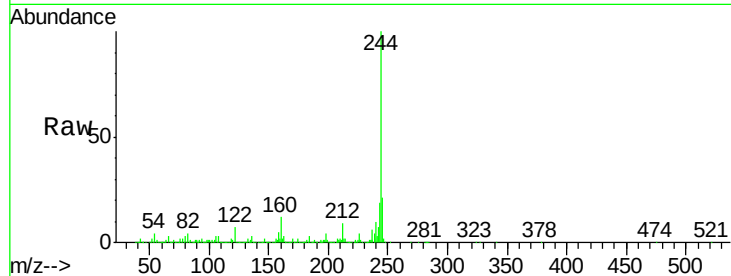
Tgt Ion:244 Resp: 901058

Ion Ratio Lower Upper

244 100

212 9.1 6.4 9.6

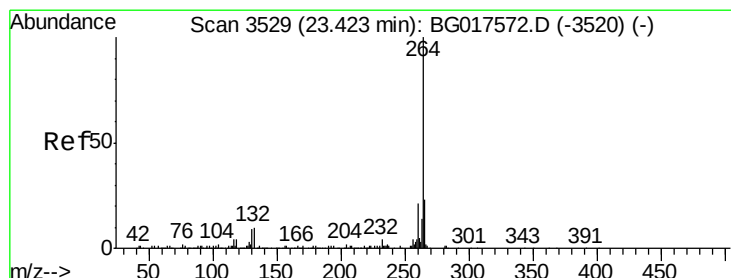
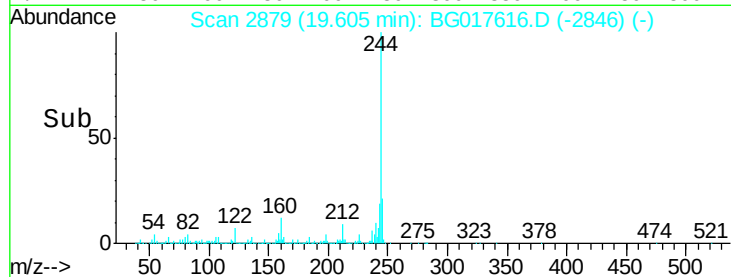
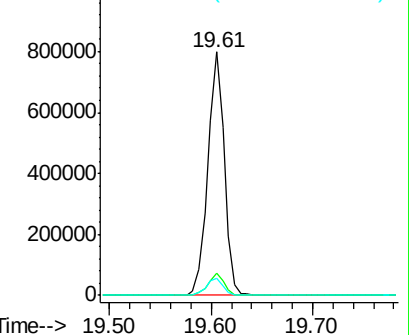
122 6.9 6.6 10.0



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: 23.35 min Scan# 3517

Delta R.T. -0.02 min

Lab File: BG017616.D

Acq: 11 Jun 2015 19:17

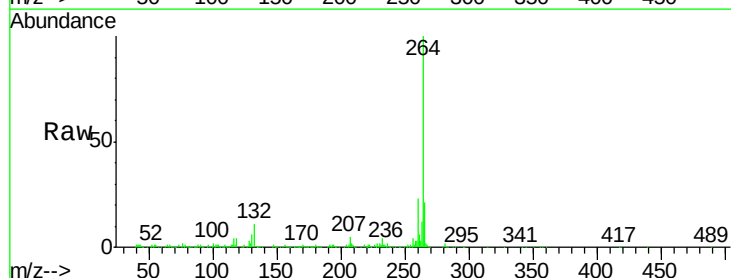
Tgt Ion:264 Resp: 213525

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 21.1 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

