

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017949.D
 Acq On : 18 Jul 2015 6:29
 Operator : TP/UM
 Sample : G3007-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)

Quant Time: Jul 20 01:49:42 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

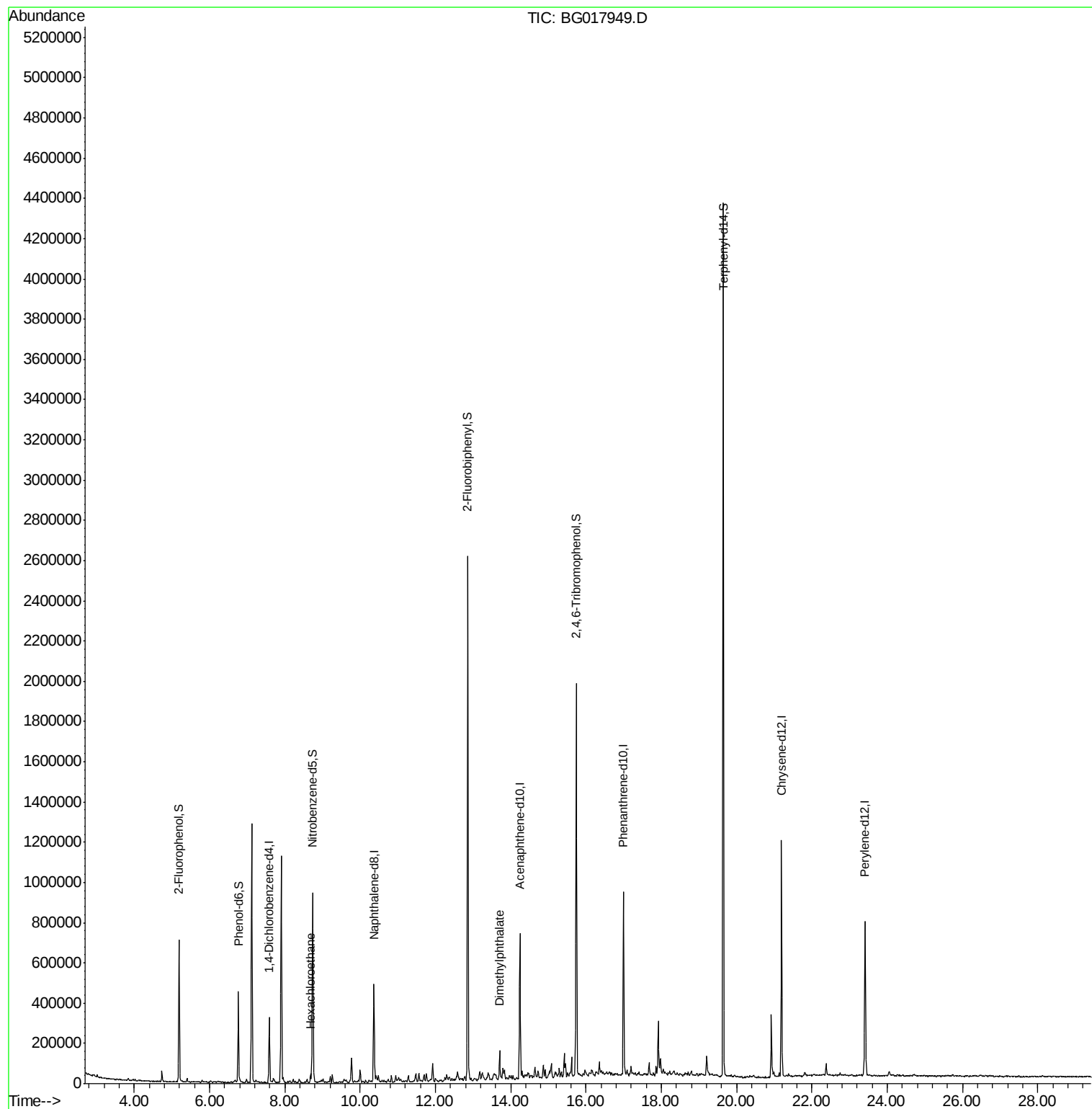
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	87582	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	393298	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	242442	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	510084	20.00	ng	0.00
75) Chrysene-d12	21.19	240	509857	20.00	ng	0.00
86) Perylene-d12	23.41	264	500286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	303109	60.37	ng	0.00
7) Phenol-d6	6.76	99	256291	38.96	ng	0.00
23) Nitrobenzene-d5	8.74	82	540017	88.93	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	344533	140.27	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1249080	89.28	ng	0.00
78) Terphenyl-d14	19.64	244	1752287	86.57	ng	0.00
Target Compounds						
18) Hexachloroethane	8.68	117	5916	2.35	ng	# 1
32) Benzoic acid	9.73	122	62	Below Cal	#	16
49) Dimethylphthalate	13.70	163	81461	4.84	ng	98
64) 4,6-Dinitro-2-methylphenol	15.34	198	57	Below Cal	#	1
69) Pentachlorophenol	16.65	266	54	Below Cal	#	18

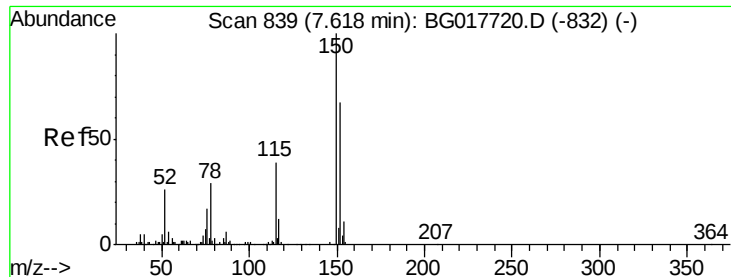
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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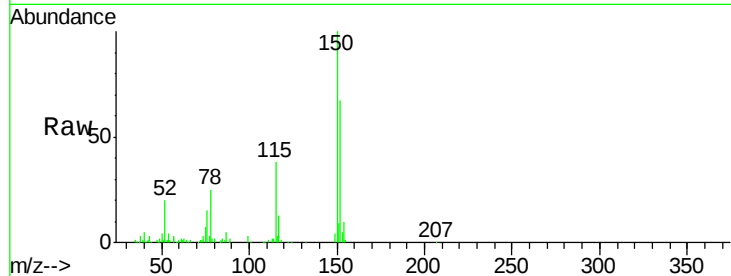


#1

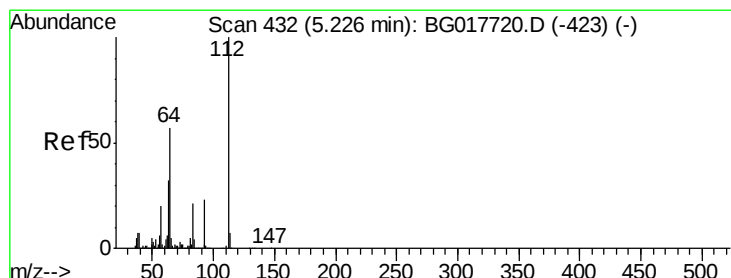
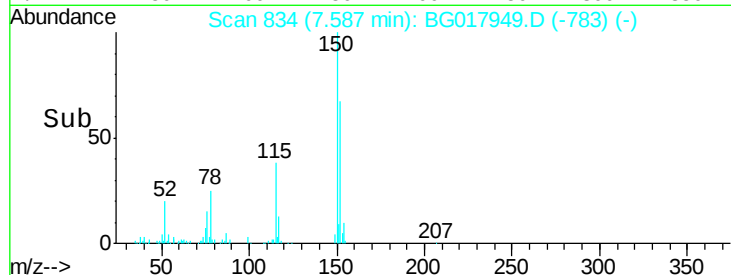
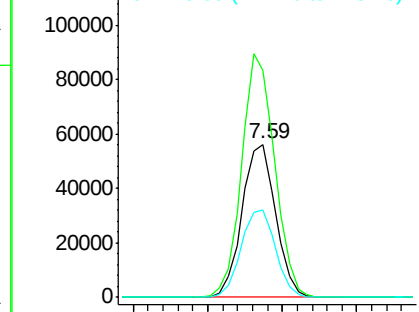
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)

Tgt Ion:152 Resp: 87582
Ion Ratio Lower Upper
152 100
150 148.7 119.1 178.7
115 57.0 47.0 70.4



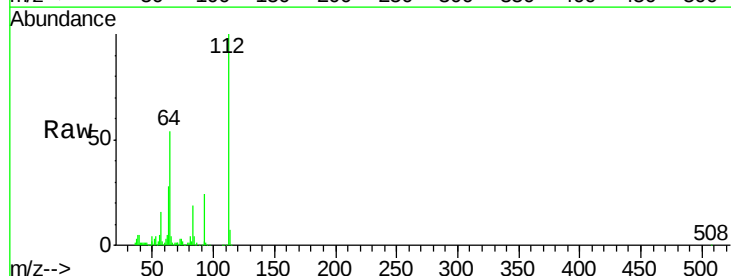
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



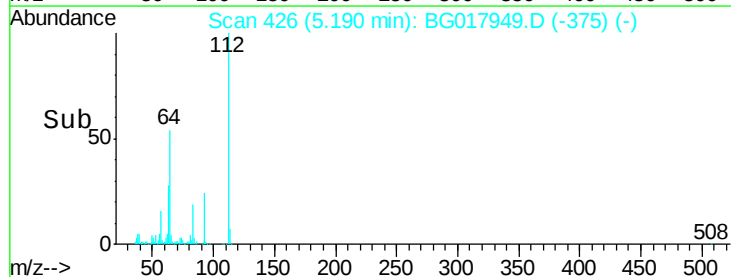
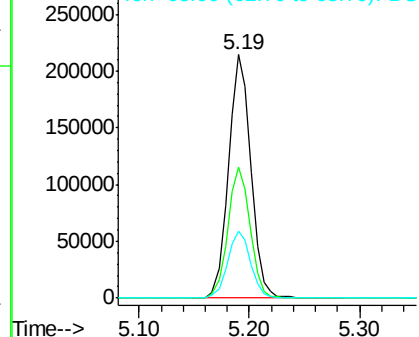
#5

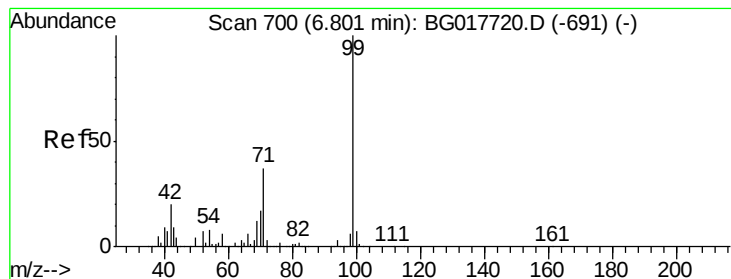
2-Fluorophenol
Concen: 60.37 ng
RT: 5.19 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Tgt Ion:112 Resp: 303109
Ion Ratio Lower Upper
112 100
64 54.0 45.4 68.0
63 27.6 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: 38.96 ng

RT: 6.76 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG017949.D

Acq: 18 Jul 2015 6:29

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)

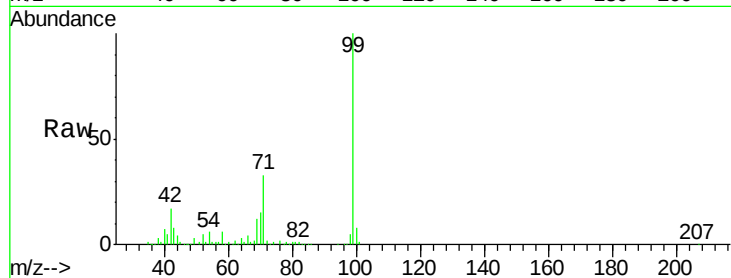
Tgt Ion: 99 Resp: 256291

Ion Ratio Lower Upper

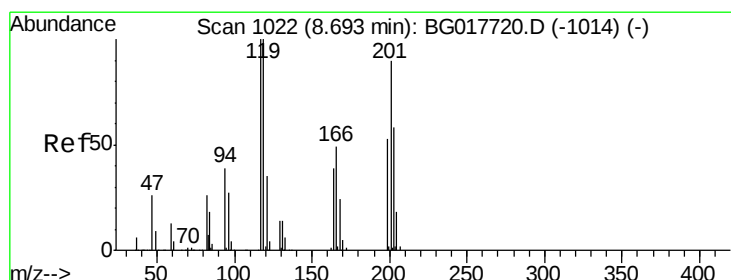
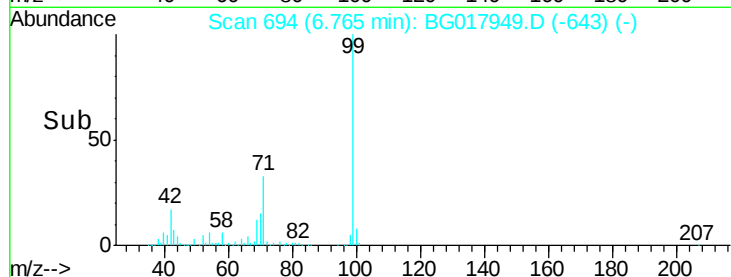
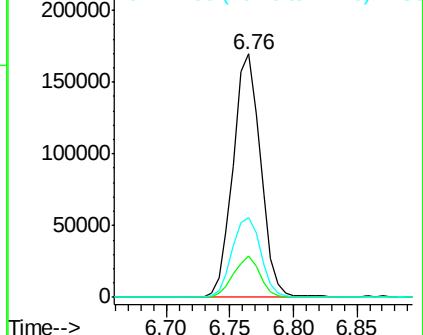
99 100

42 17.0 16.2 24.4

71 32.6 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



#18

Hexachloroethane

Concen: 2.35 ng

RT: 8.68 min Scan# 1020

Delta R.T. 0.02 min

Lab File: BG017949.D

Acq: 18 Jul 2015 6:29

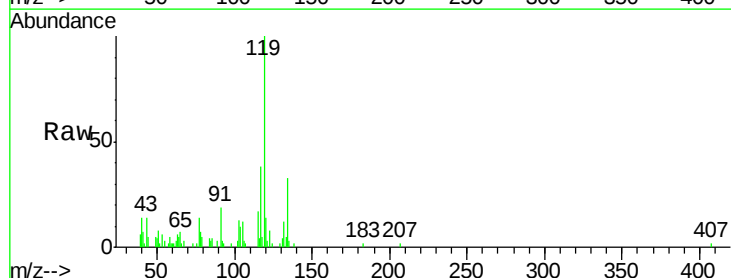
Tgt Ion: 117 Resp: 5916

Ion Ratio Lower Upper

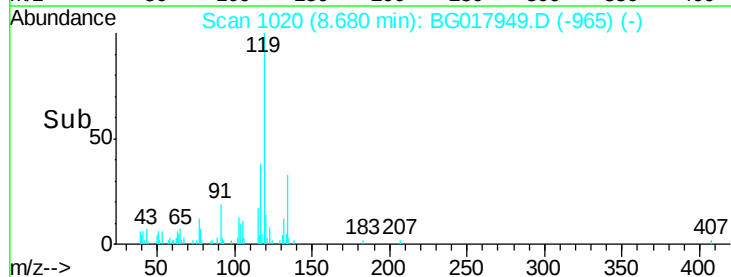
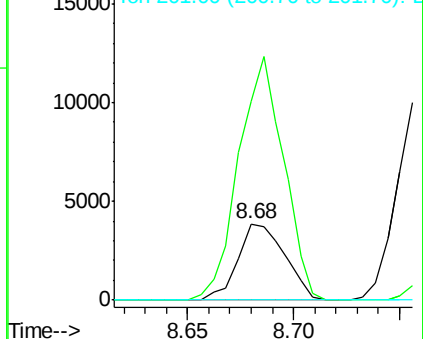
117 100

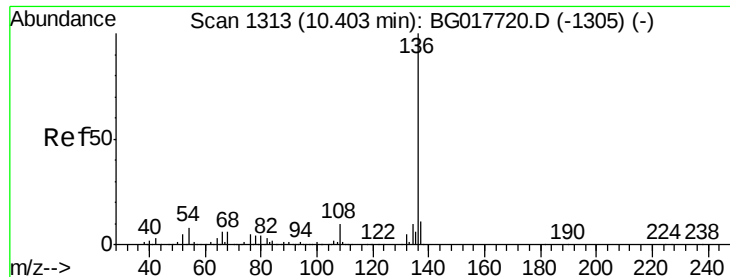
119 261.8 80.1 120.1#

201 0.0 71.9 107.9#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

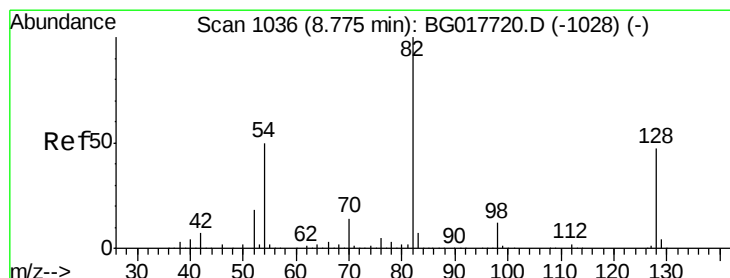
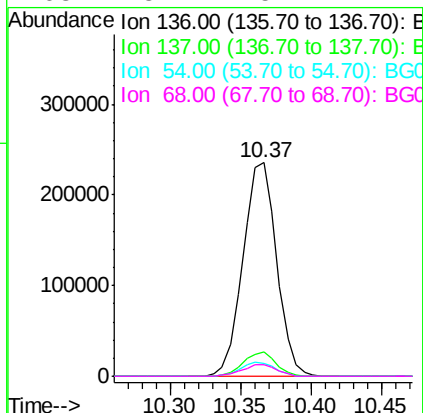
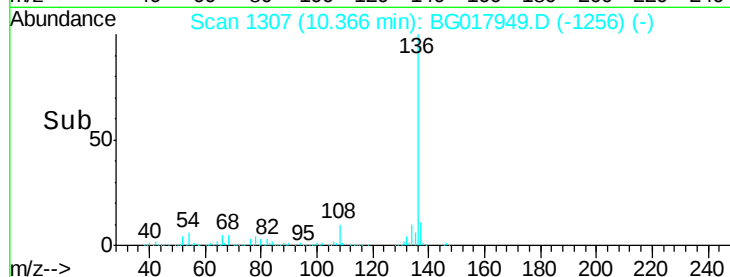
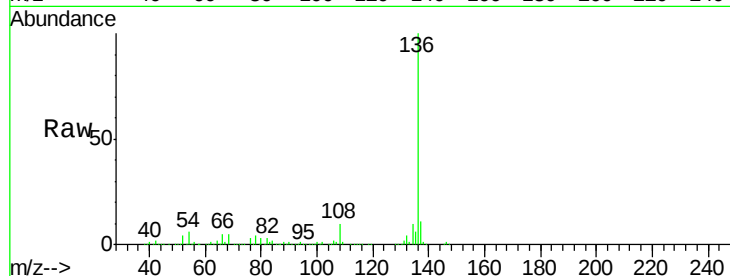




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

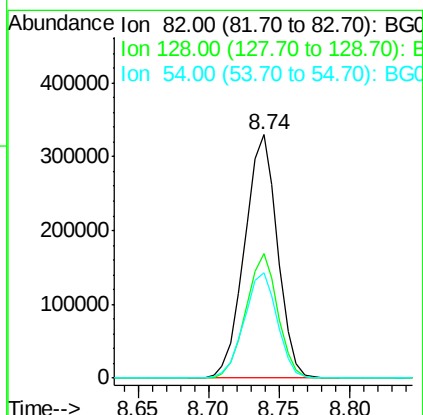
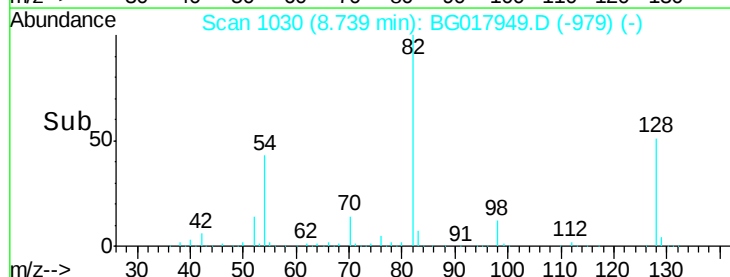
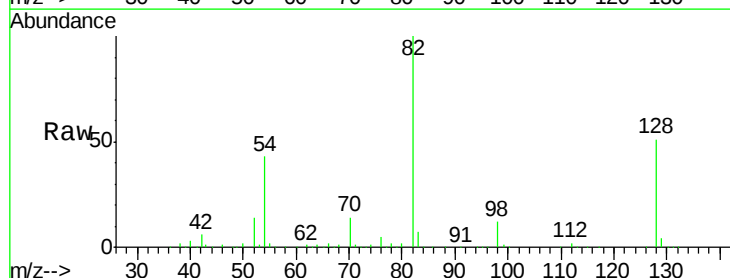
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)

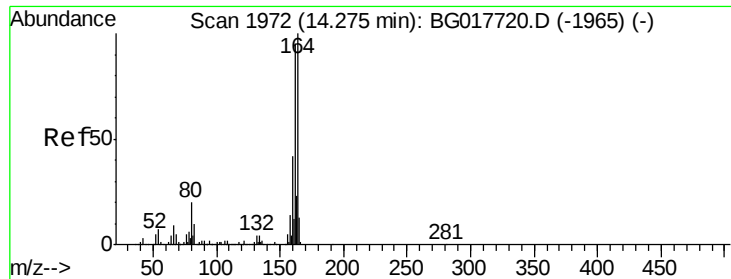
Tgt Ion:	136	Resp:	393298
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.3	6.6	9.8#
68	5.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 88.93 ng
RT: 8.74 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Tgt Ion:	82	Resp:	540017
Ion	Ratio	Lower	Upper
82	100		
128	51.4	37.8	56.6
54	43.5	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: BG017949.D

Acq: 18 Jul 2015 6:29

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)

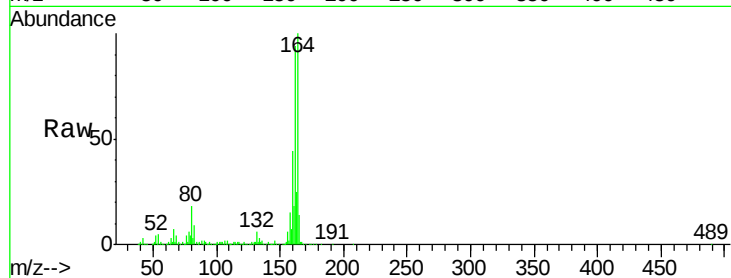
Tgt Ion:164 Resp: 242442

Ion Ratio Lower Upper

164 100

162 93.6 76.3 114.5

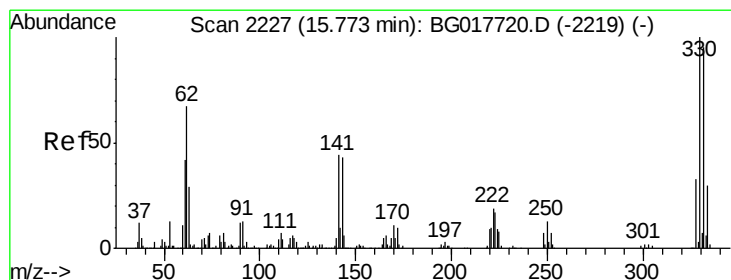
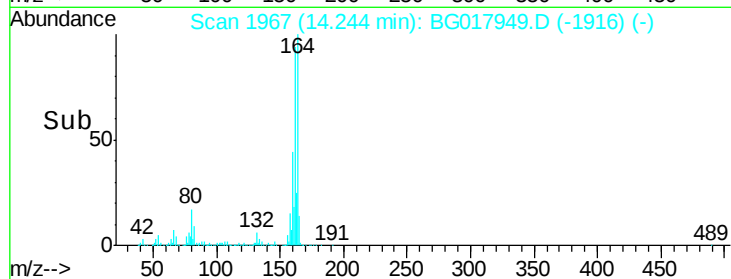
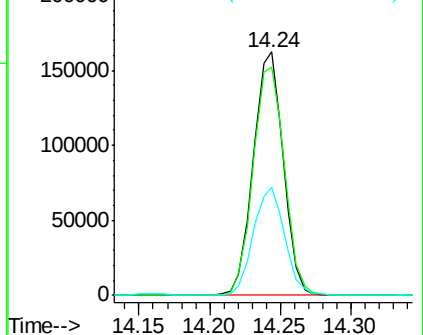
160 44.3 33.7 50.5



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: 140.27 ng

RT: 15.74 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG017949.D

Acq: 18 Jul 2015 6:29

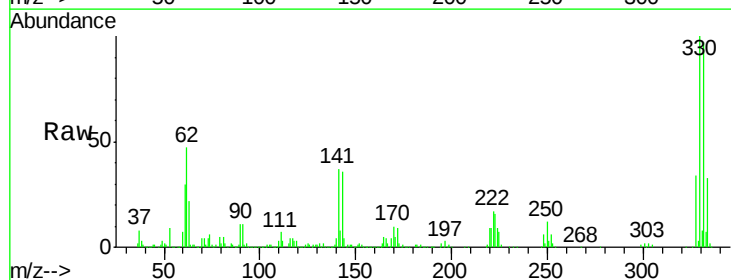
Tgt Ion:330 Resp: 344533

Ion Ratio Lower Upper

330 100

332 95.1 76.8 115.2

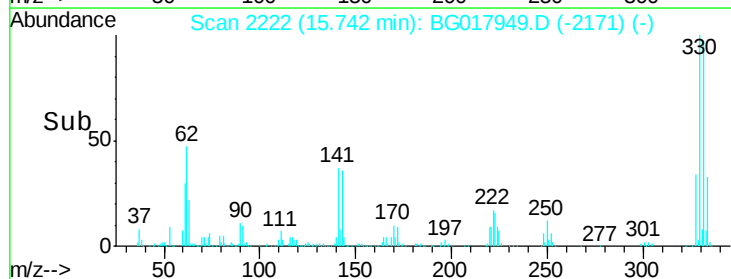
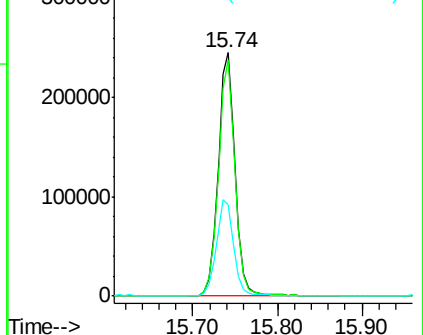
141 40.2 38.0 57.0

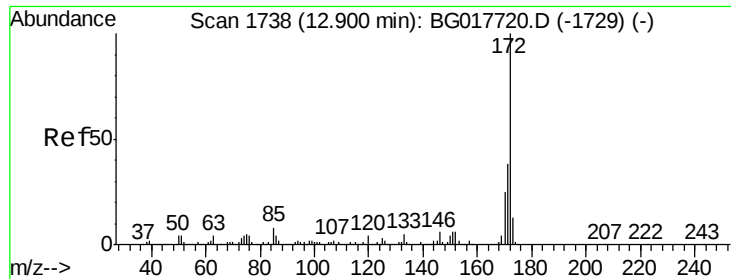


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

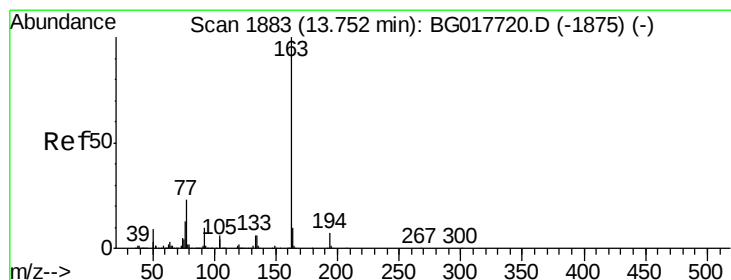
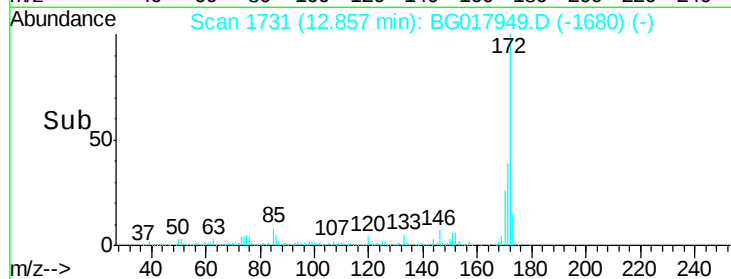
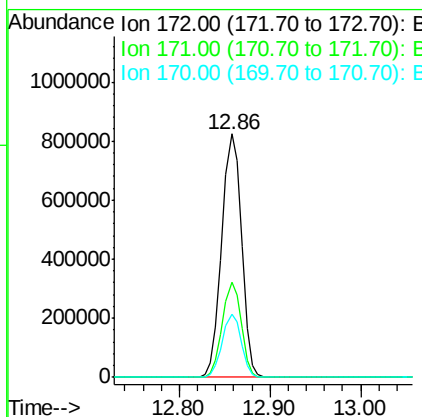
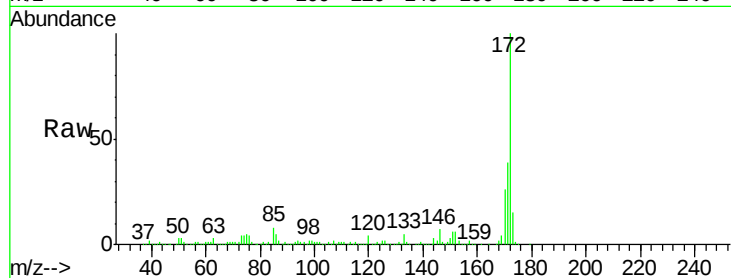




#44
2-Fluorobiphenyl
Concen: 89.28 ng
RT: 12.86 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

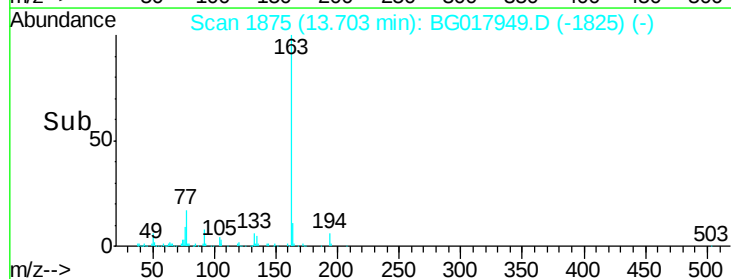
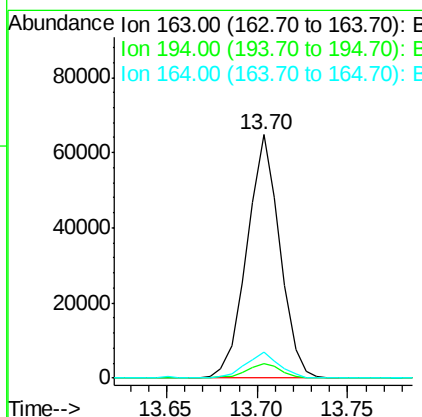
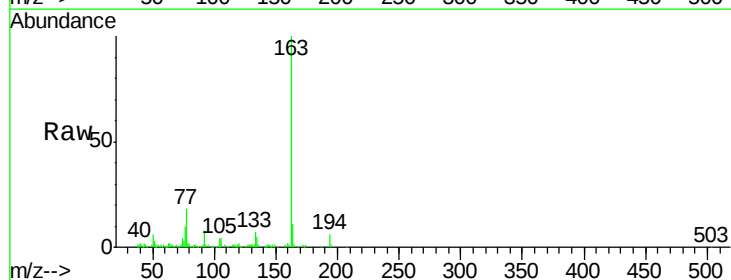
Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)

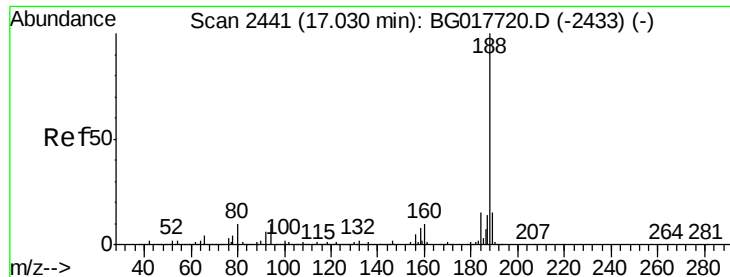
Tgt Ion:172 Resp: 1249080
Ion Ratio Lower Upper
172 100
171 39.3 30.7 46.1
170 25.8 19.7 29.5



#49
Dimethylphthalate
Concen: 4.84 ng
RT: 13.70 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Tgt Ion:163 Resp: 81461
Ion Ratio Lower Upper
163 100
194 6.1 5.8 8.6
164 10.6 8.3 12.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.99 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG017949.D

Acq: 18 Jul 2015 6:29

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)

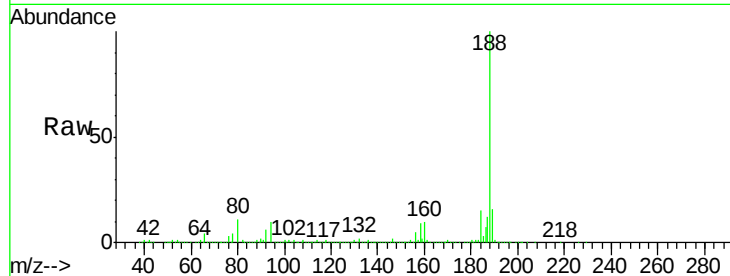
Tgt Ion:188 Resp: 510084

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

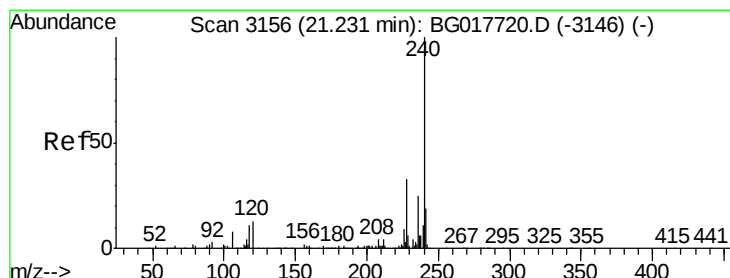
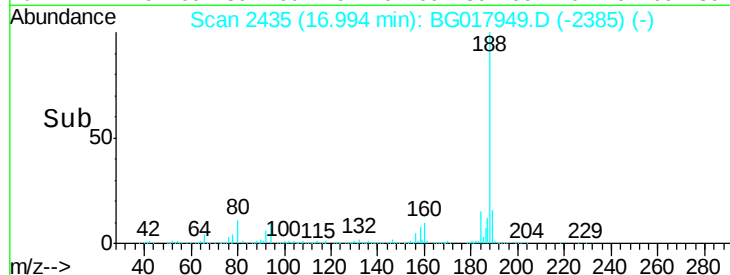
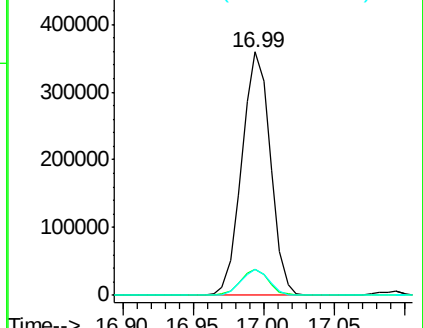
80 10.8 8.2 12.4



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: 21.19 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG017949.D

Acq: 18 Jul 2015 6:29

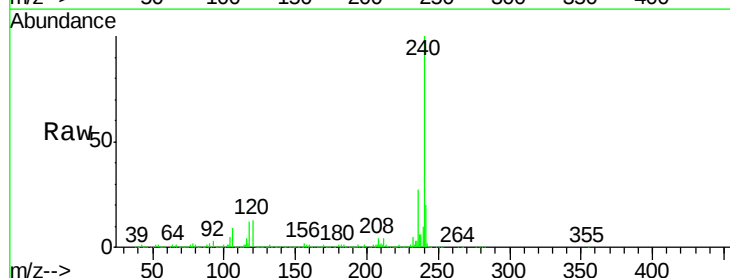
Tgt Ion:240 Resp: 509857

Ion Ratio Lower Upper

240 100

120 13.1 10.8 16.2

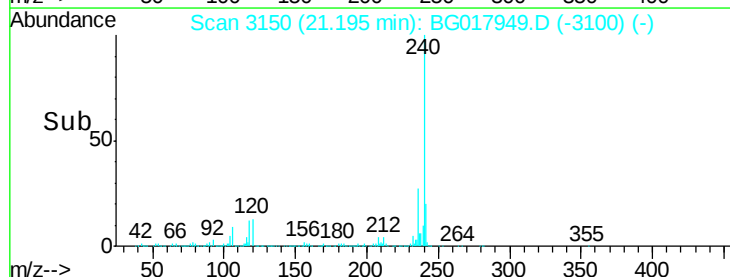
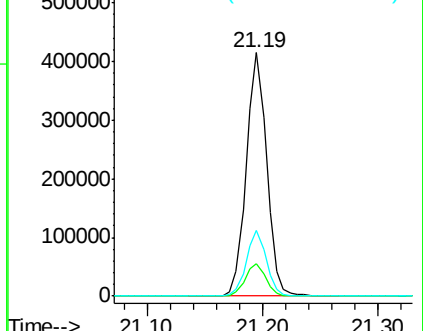
236 27.1 20.0 30.0

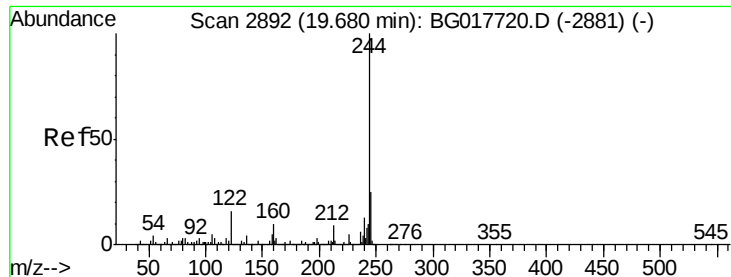


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.57 ng

RT: 19.64 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG017949.D

Acq: 18 Jul 2015 6:29

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)

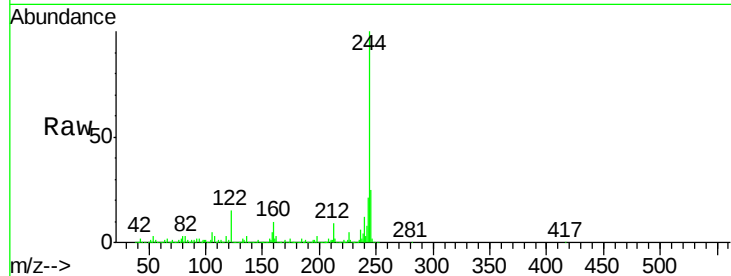
Tgt Ion:244 Resp: 1752287

Ion Ratio Lower Upper

244 100

212 8.6 7.2 10.8

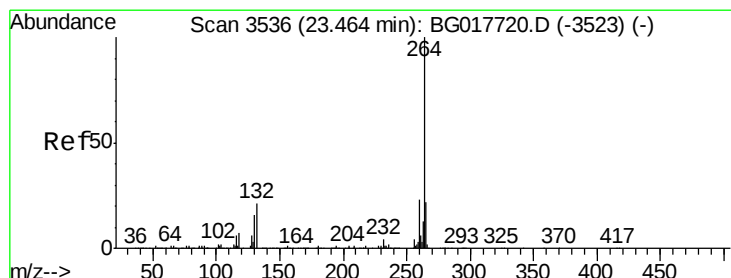
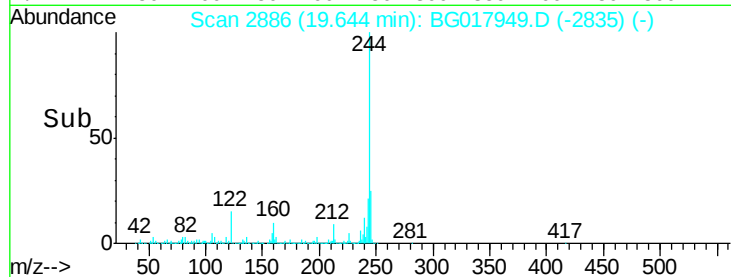
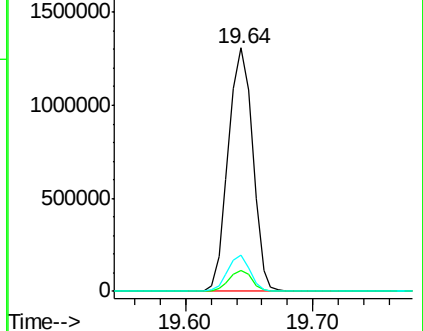
122 15.1 12.8 19.2



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: 23.41 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG017949.D

Acq: 18 Jul 2015 6:29

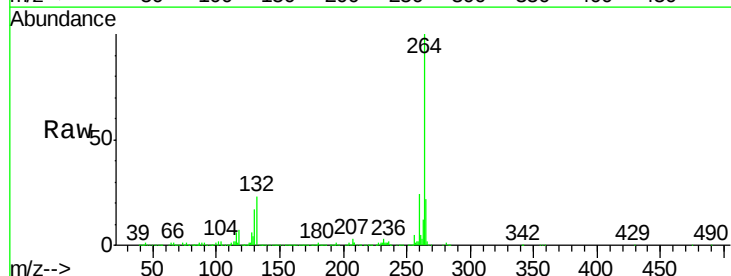
Tgt Ion:264 Resp: 500286

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.0 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

