

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028716.D
 Acq On : 14 Sep 2017 4:05
 Operator : SJ/JU
 Sample : I5208-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 05:53:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

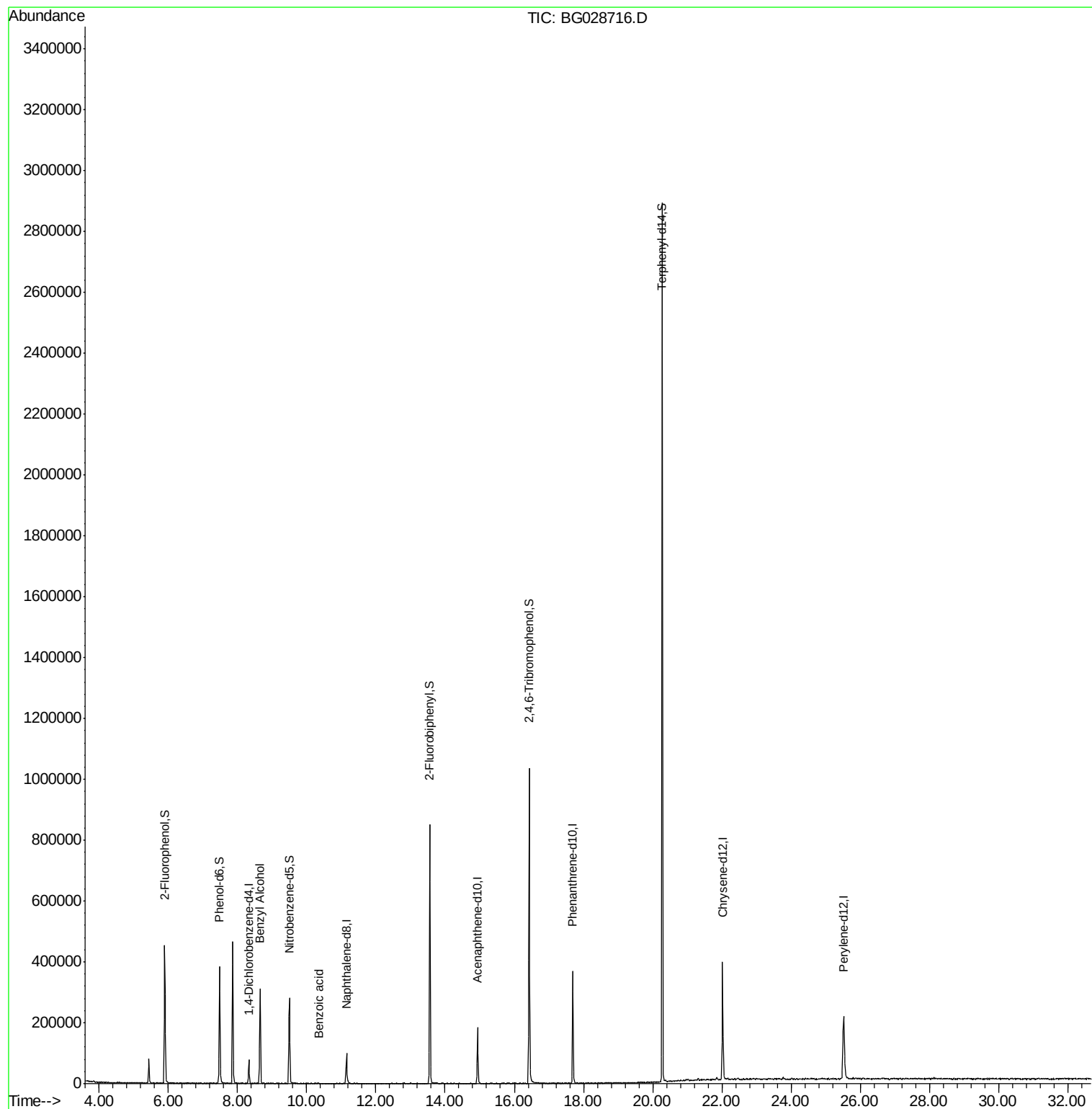
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	21452	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	89039	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	70843	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	242106	20.00	ng	0.00
75) Chrysene-d12	22.02	240	276815	20.00	ng	0.00
86) Perylene-d12	25.52	264	282267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	195053	150.03	ng	0.00
7) Phenol-d6	7.48	99	239846	122.53	ng	0.00
23) Nitrobenzene-d5	9.50	82	183407	98.54	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	230435	196.67	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	477483	89.87	ng	0.00
78) Terphenyl-d14	20.28	244	1302281	100.33	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.65	79	3092	2.024	ng	Qvalue # 65
32) Benzoic acid	10.36	122	54	6.127	ng	# 1

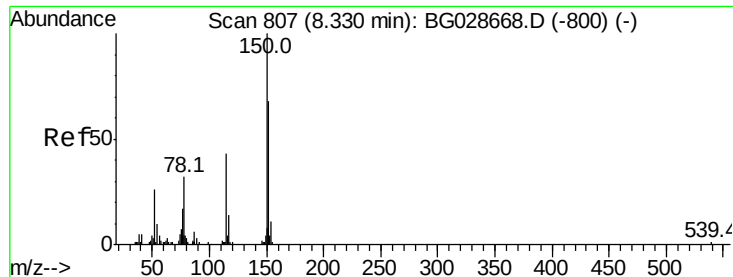
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 12 16:57:11 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. 0.00 min

Lab File: BG028716.D

Acq: 14 Sep 2017 4:05

Instrument :

BNA_G

ClientSampled :

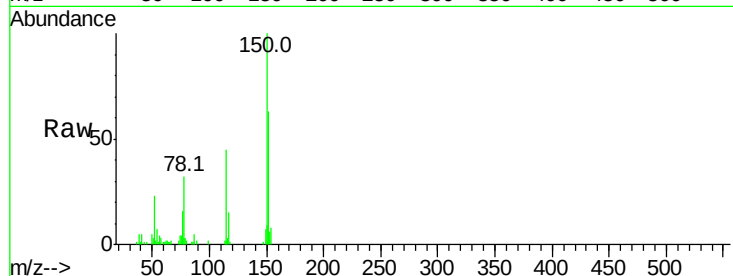
Tot Ion:152 Resp: 21452

Ion Ratio Lower Upper

152 100

150 159.6 114.0 171.0

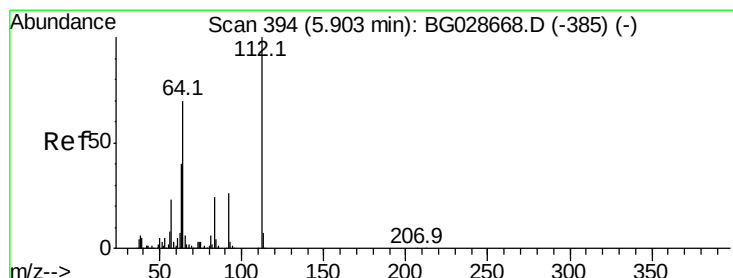
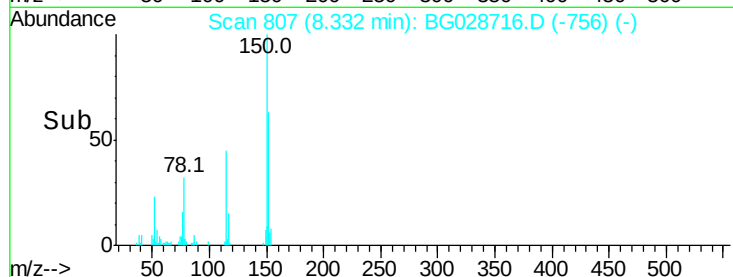
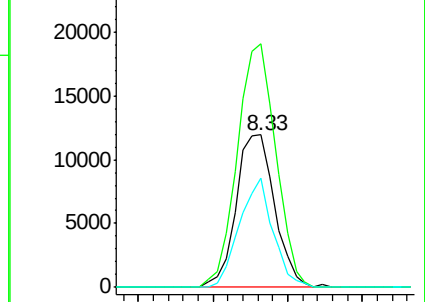
115 71.8 48.1 72.1



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: 150.031 ng

RT: 5.90 min Scan# 393

Delta R.T. -0.00 min

Lab File: BG028716.D

Acq: 14 Sep 2017 4:05

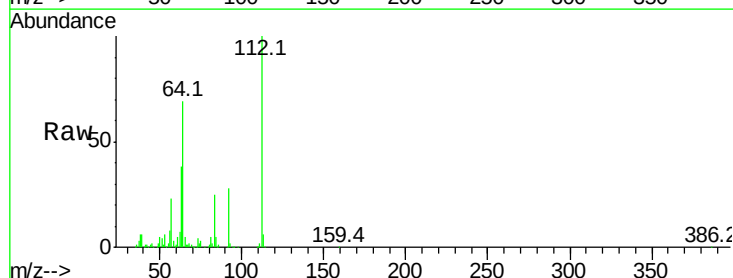
Tgt Ion:112 Resp: 195053

Ion Ratio Lower Upper

112 100

64 68.6 61.8 92.6

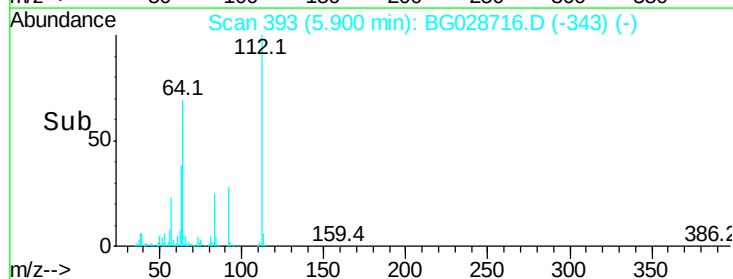
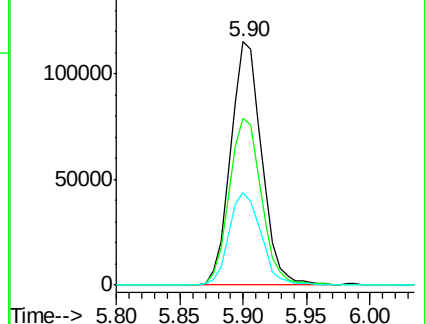
63 38.0 37.2 55.8

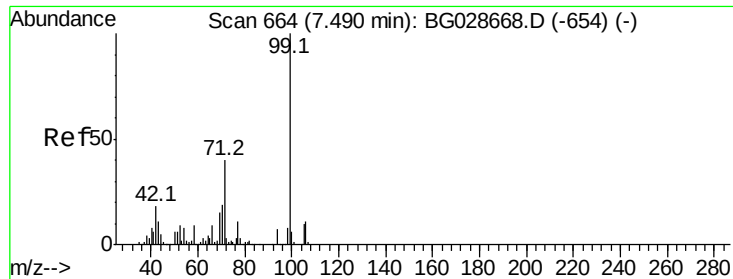


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.531 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028716.D

Acq: 14 Sep 2017 4:05

Instrument :

BNA_G

ClientSampleId :

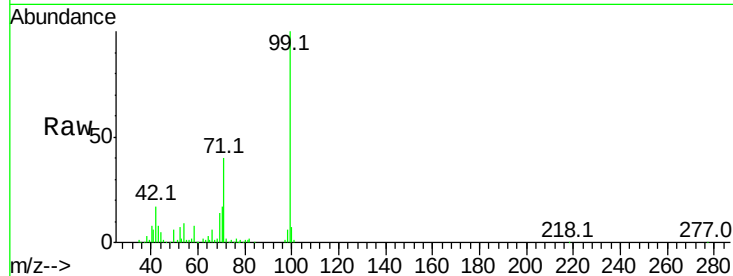
Tot Ion: 99 Resp: 239846

Ion Ratio Lower Upper

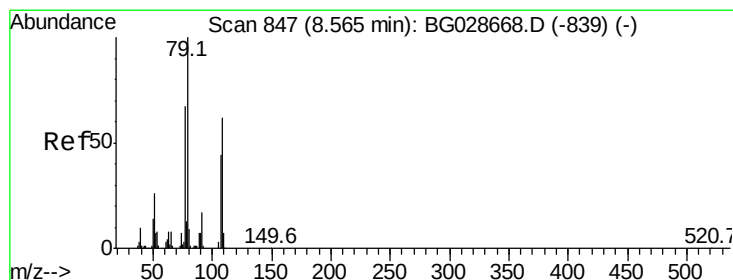
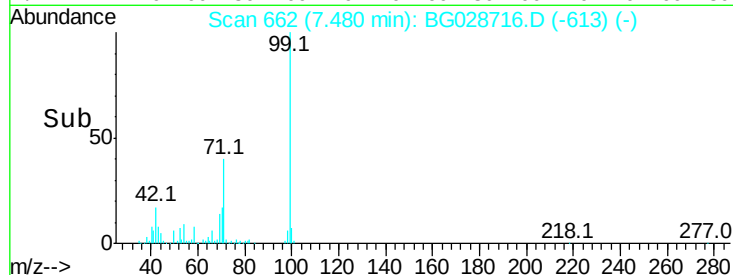
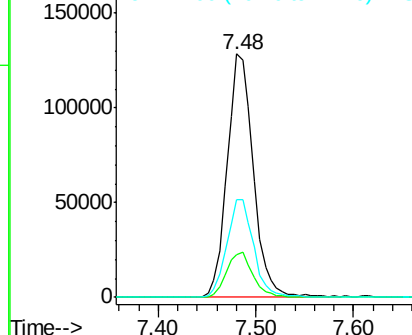
99 100

42 17.3 20.5 30.7#

71 40.4 37.6 56.4



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



#15

Benzyl Alcohol

Concen: 2.024 ng

RT: 8.65 min Scan# 861

Delta R.T. 0.08 min

Lab File: BG028716.D

Acq: 14 Sep 2017 4:05

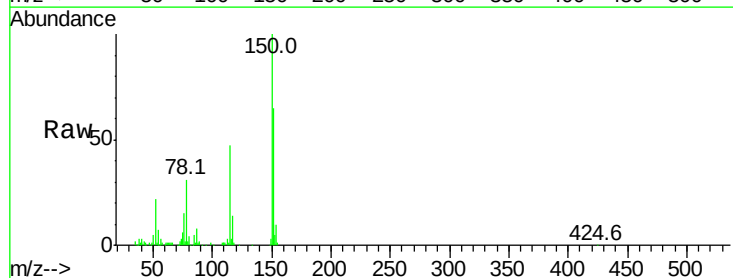
Tgt Ion: 79 Resp: 3092

Ion Ratio Lower Upper

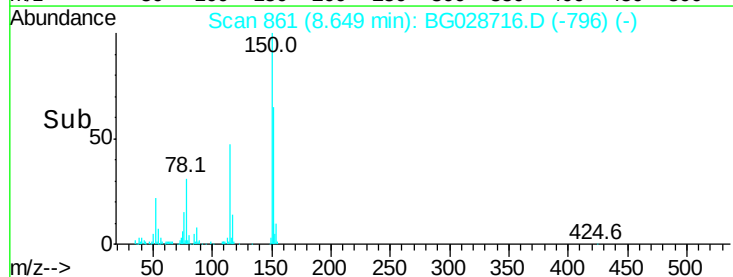
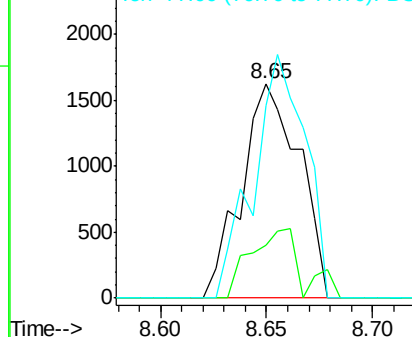
79 100

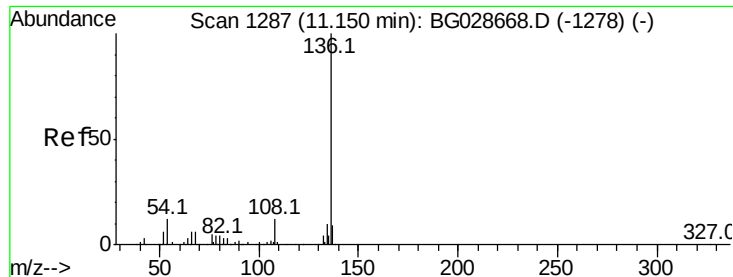
108 24.6 45.5 68.3#

77 89.9 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

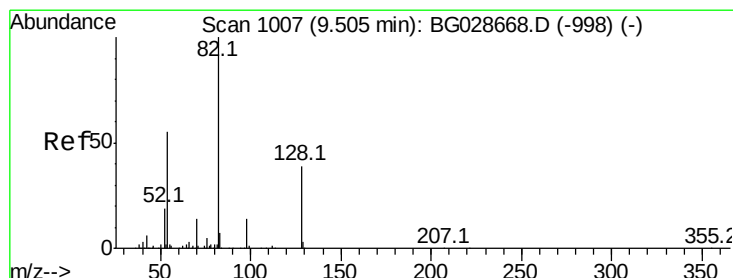
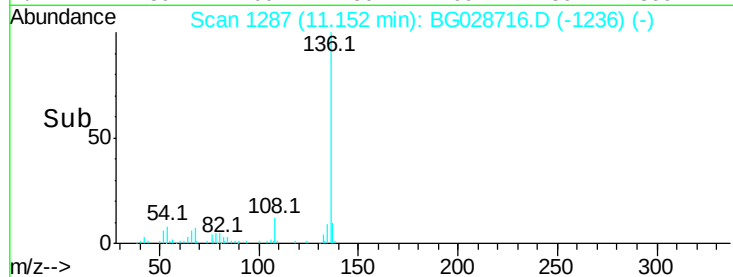
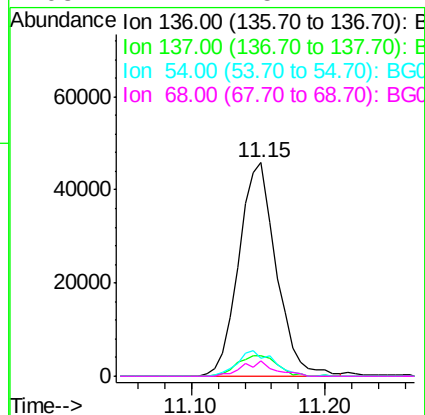
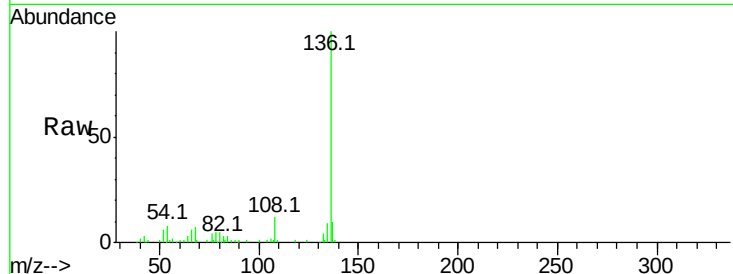




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BG028716.D
Acq: 14 Sep 2017 4:05

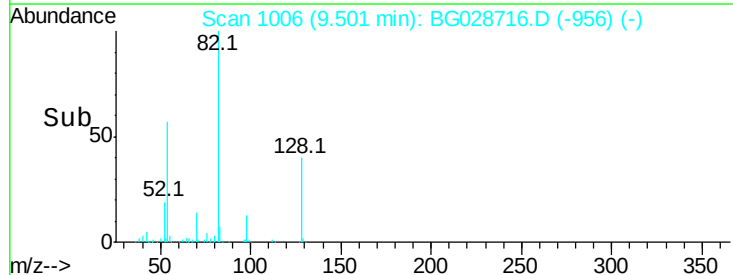
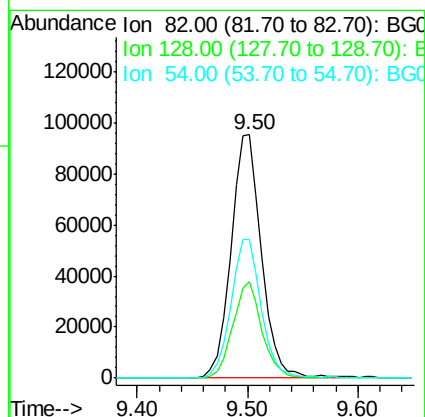
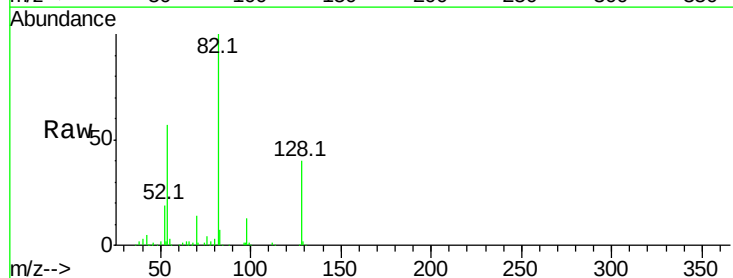
Instrument :
BNA_G
ClientSampleId :

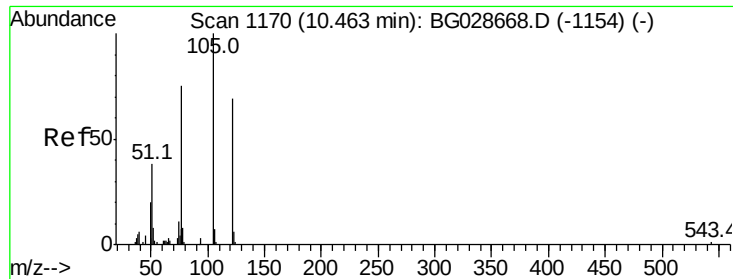
Tot Ion:136	Resp:	89039
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.9 13.3
54	8.4	9.3 13.9#
68	7.2	5.1 7.7



#23
Nitrobenzene-d5
Concen: 98.538 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG028716.D
Acq: 14 Sep 2017 4:05

Tgt Ion: 82	Resp:	183407
Ion Ratio	Lower	Upper
82	100	
128	39.7	26.4 39.6#
54	56.8	49.4 74.2





#32

Benzoic acid

Concen: 6.127 ng

RT: 10.36 min Scan# 1152

Delta R.T. -0.10 min

Lab File: BG028716.D

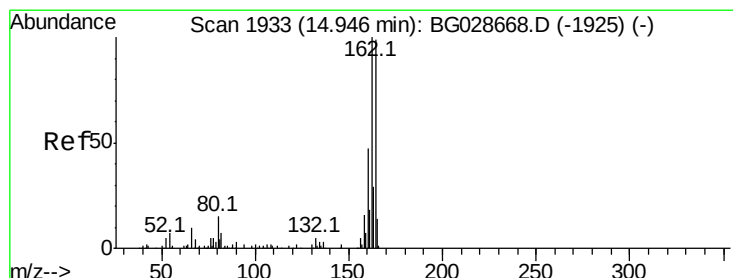
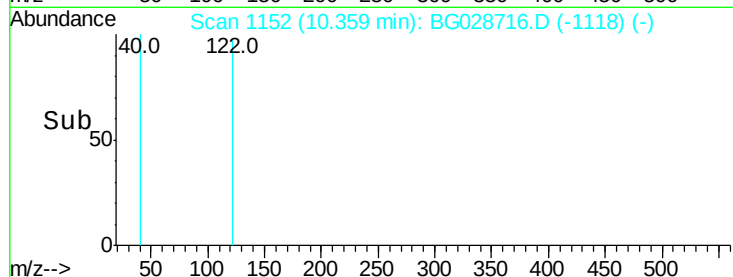
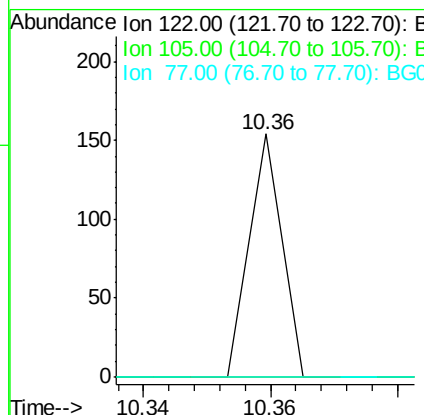
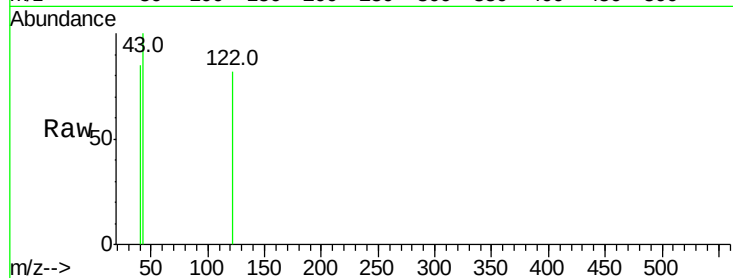
Acq: 14 Sep 2017 4:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



#38

Acenaphthene-d10

Concen: 20.000 ng

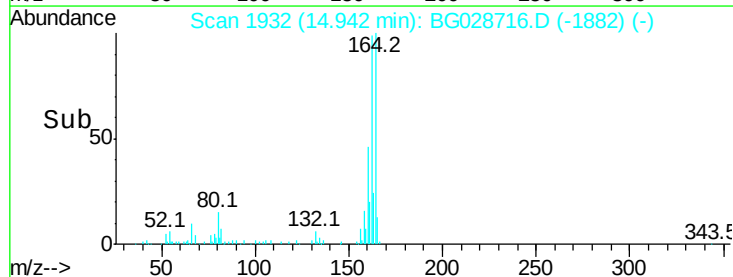
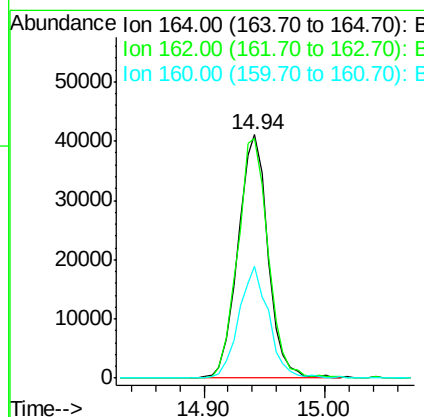
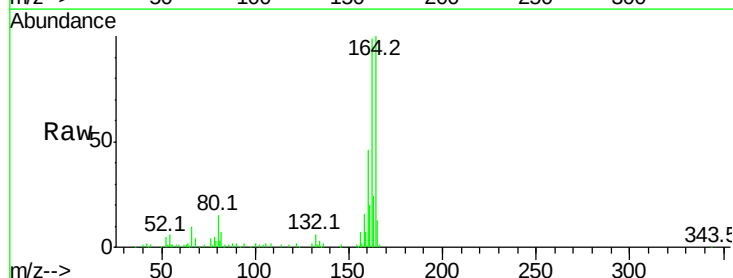
RT: 14.94 min Scan# 1932

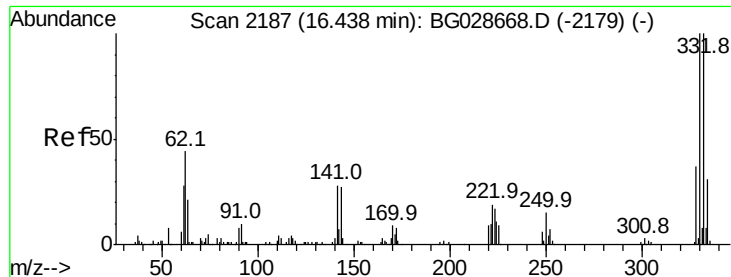
Delta R.T. -0.00 min

Lab File: BG028716.D

Acq: 14 Sep 2017 4:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	85.1	127.7
160	45.9	34.7	52.1

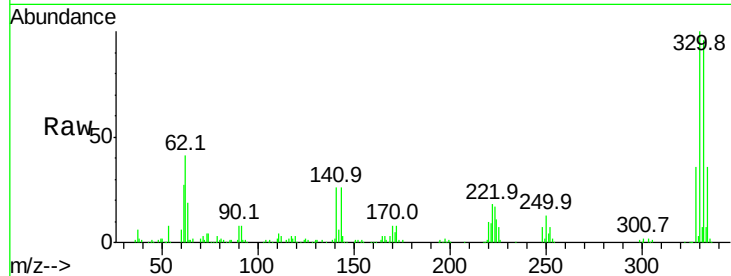




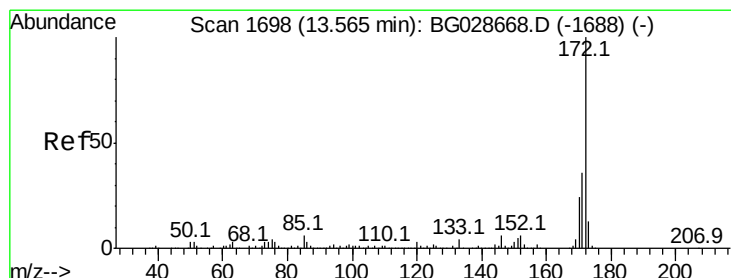
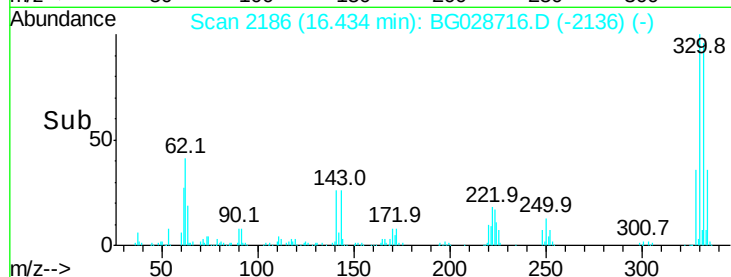
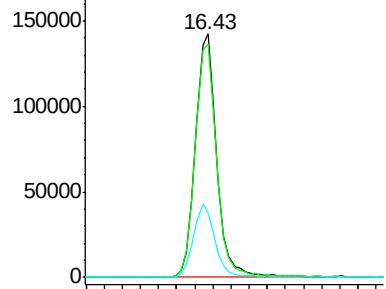
#41
 2,4,6-Tribromophenol
 Concen: 196.667 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG028716.D
 Acq: 14 Sep 2017 4:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	30.4	32.1	48.1#

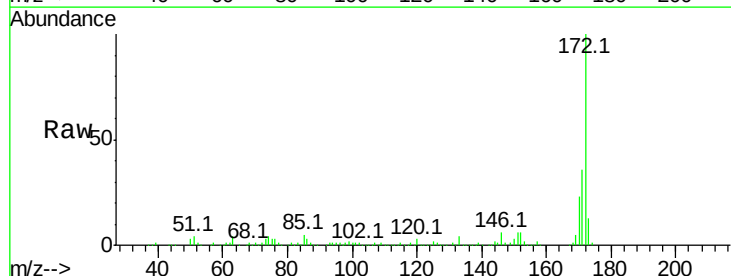


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

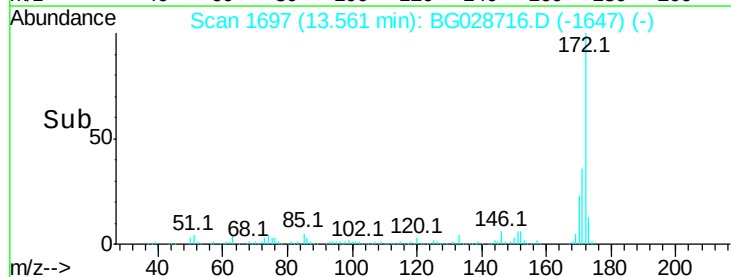
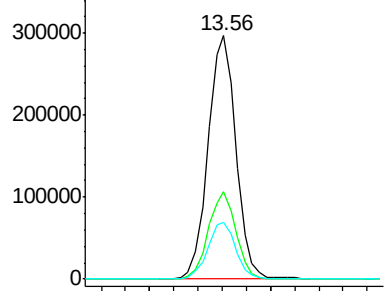


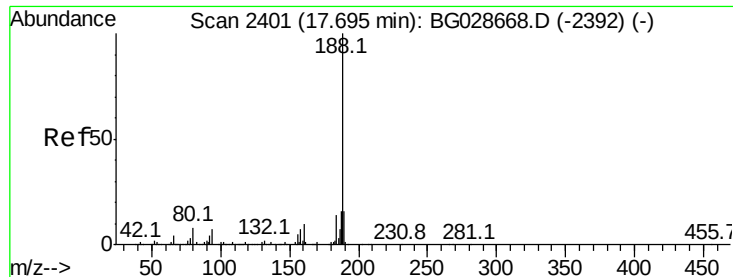
#44
 2-Fluorobiphenyl
 Concen: 89.873 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG028716.D
 Acq: 14 Sep 2017 4:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	32.2	48.2
170	23.4	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028716.D

Acq: 14 Sep 2017 4:05

Instrument :

BNA_G

ClientSampleId :

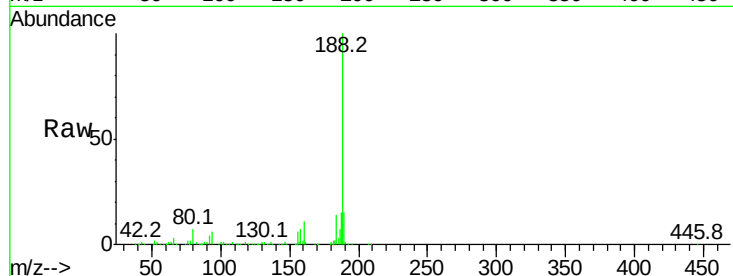
Tot Ion:188 Resp: 242106

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

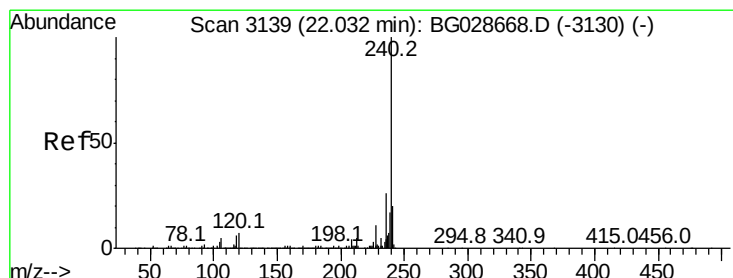
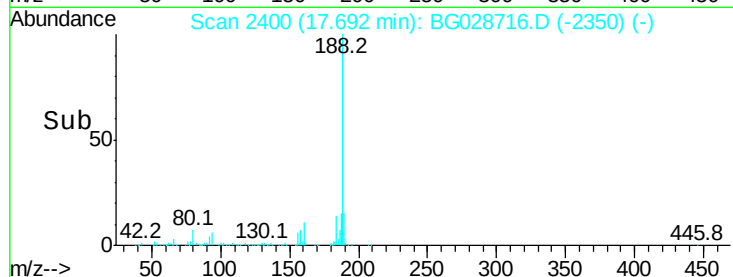
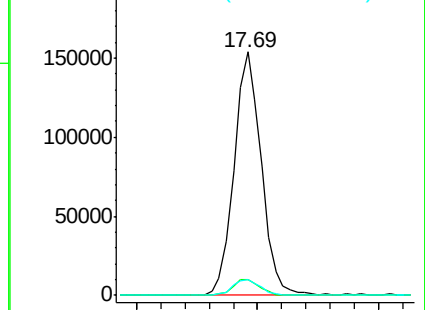
80 6.7 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028716.D

Acq: 14 Sep 2017 4:05

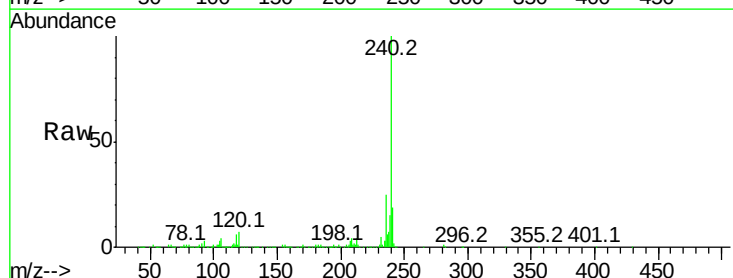
Tgt Ion:240 Resp: 276815

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

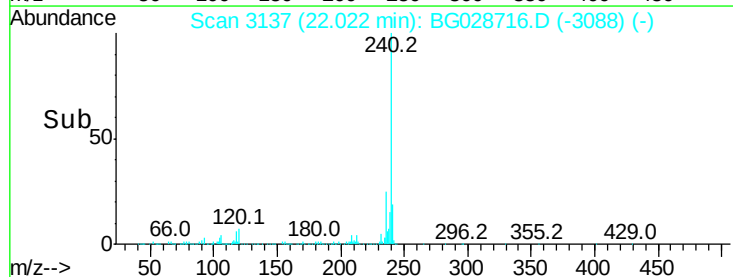
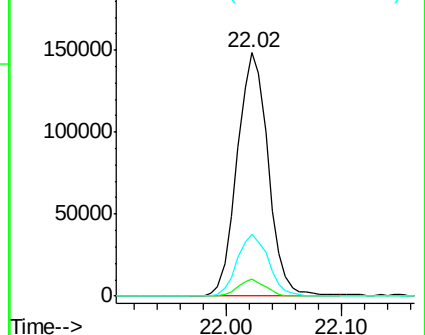
236 25.5 22.2 33.4

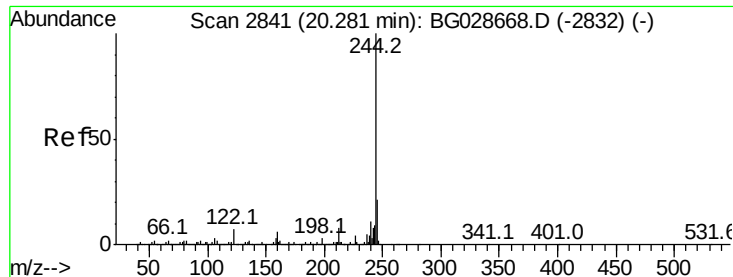


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.327 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028716.D

Acq: 14 Sep 2017 4:05

Instrument :

BNA_G

ClientSampleId :

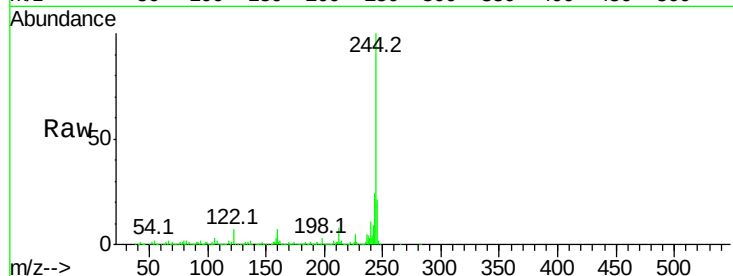
Tot Ion:244 Resp: 1302281

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

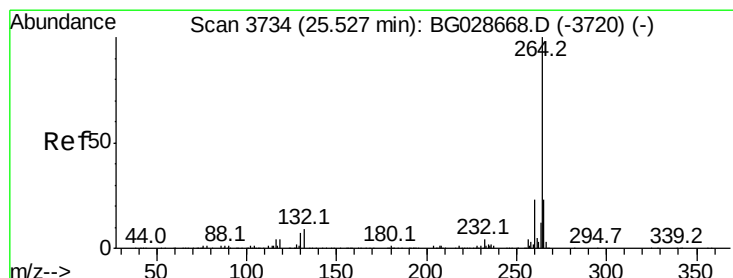
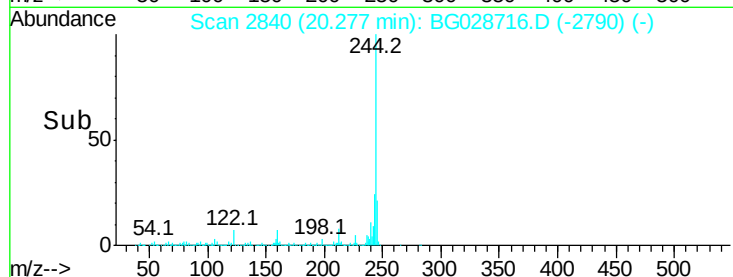
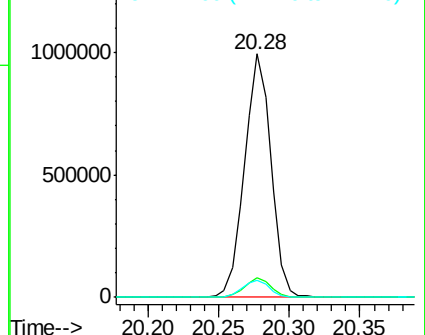
122 7.0 8.6 12.8#



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: 20.000 ng

RT: 25.52 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028716.D

Acq: 14 Sep 2017 4:05

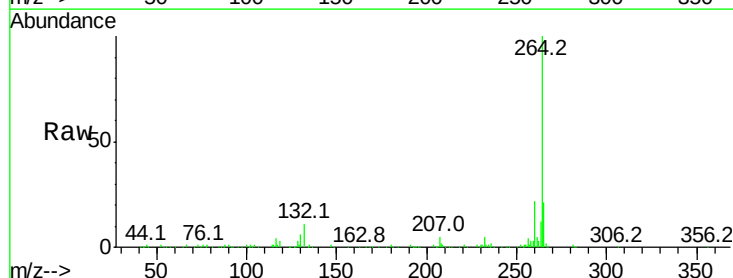
Tgt Ion:264 Resp: 282267

Ion Ratio Lower Upper

264 100

260 22.0 21.8 32.8

265 20.8 18.2 27.4



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

