

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028738.D
 Acq On : 14 Sep 2017 18:41
 Operator : SJ/JU
 Sample : I5207-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 07:51:00 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

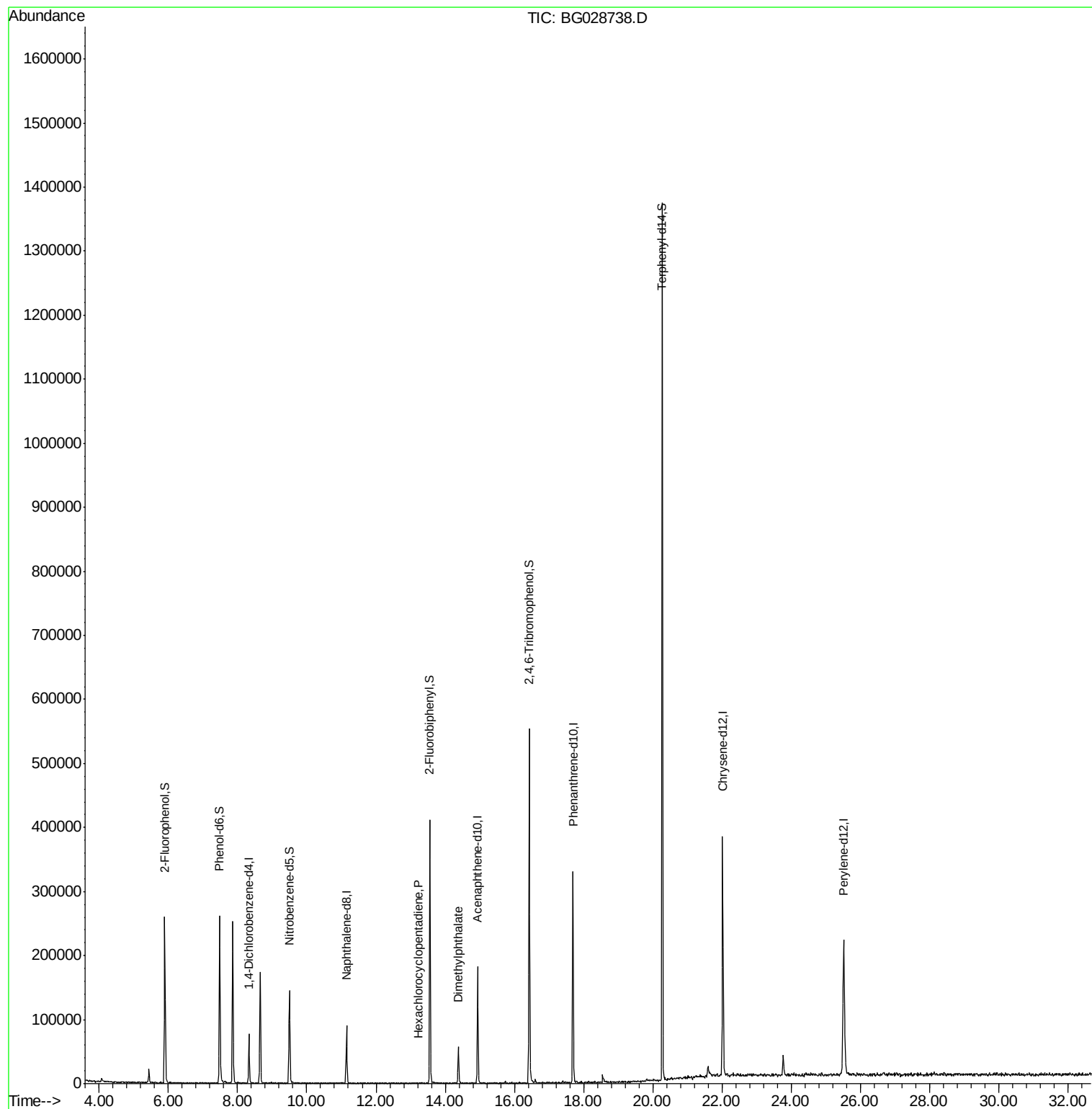
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	21560	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	85146	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	69125	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	228684	20.00	ng	0.00
75) Chrysene-d12	22.02	240	273828	20.00	ng	-0.01
86) Perylene-d12	25.52	264	273612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	116868	89.44	ng	0.00
7) Phenol-d6	7.48	99	160965	81.82	ng	0.00
23) Nitrobenzene-d5	9.50	82	99725	56.03	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	124590	108.98	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	231973	44.75	ng	0.00
78) Terphenyl-d14	20.27	244	649375	50.57	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	13.23	237	61	7.653	ng	Qvalue # 29
49) Dimethylphthalate	14.38	163	44002	7.591	ng	97

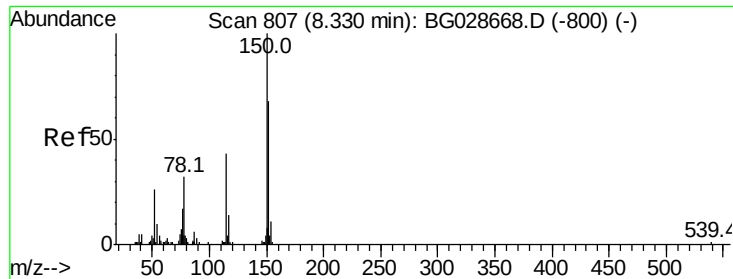
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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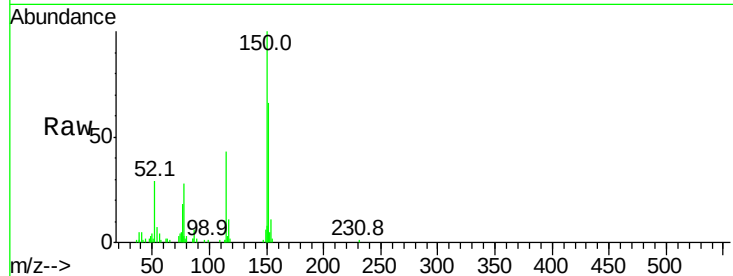


#1

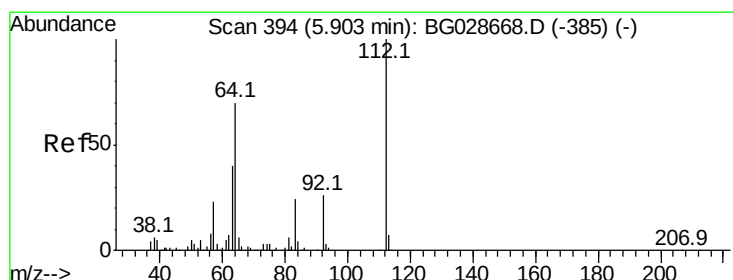
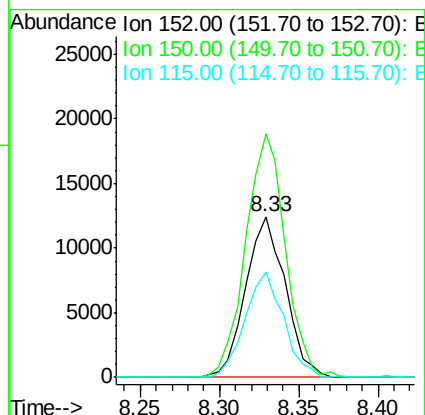
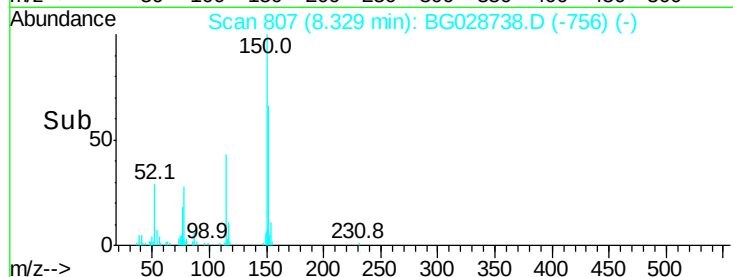
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028738.D
Acq: 14 Sep 2017 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 21560
Ion Ratio Lower Upper
152 100
150 151.5 114.0 171.0
115 65.4 48.1 72.1



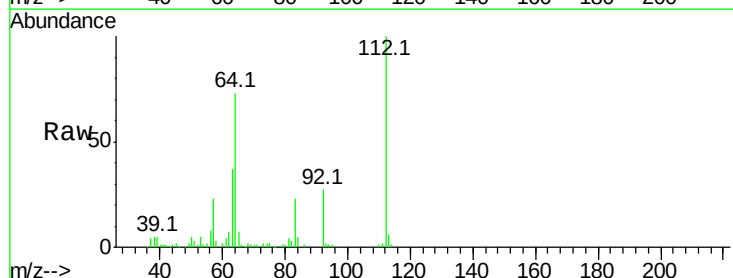
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



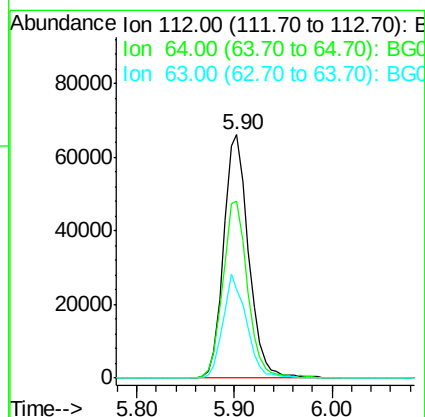
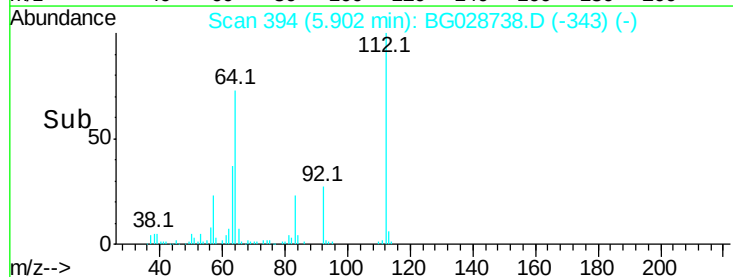
#5

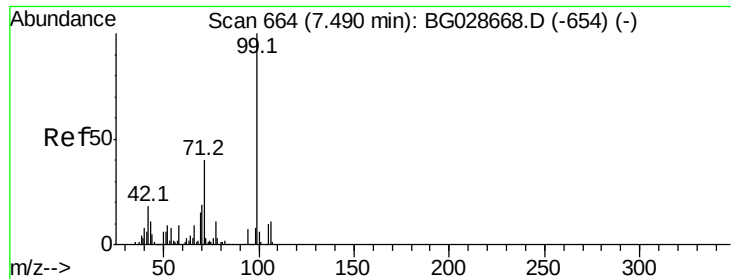
2-Fluorophenol
Concen: 89.442 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028738.D
Acq: 14 Sep 2017 18:41

Tgt Ion:112 Resp: 116868
Ion Ratio Lower Upper
112 100
64 73.0 61.8 92.6
63 36.7 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: 81.821 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028738.D

Acq: 14 Sep 2017 18:41

Instrument :

BNA_G

ClientSampled :

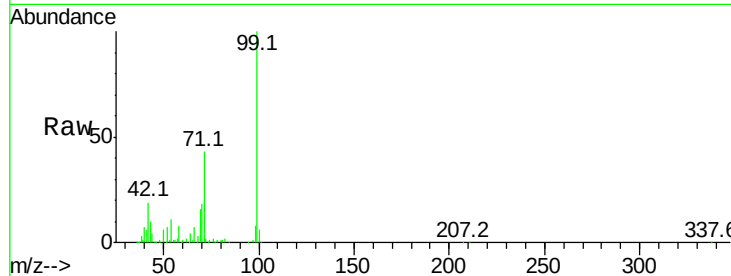
Tot Ion: 99 Resp: 160965

Ion Ratio Lower Upper

99 100

42 18.7 20.5 30.7#

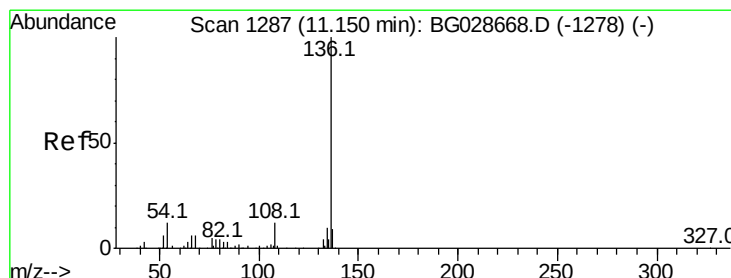
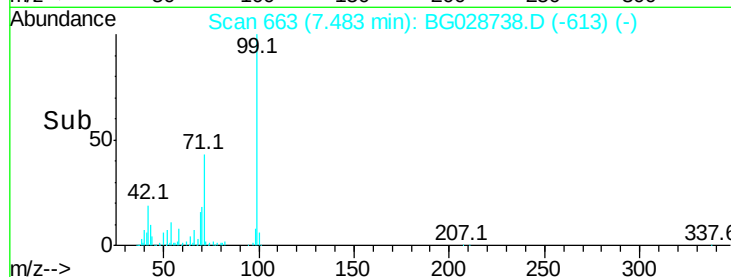
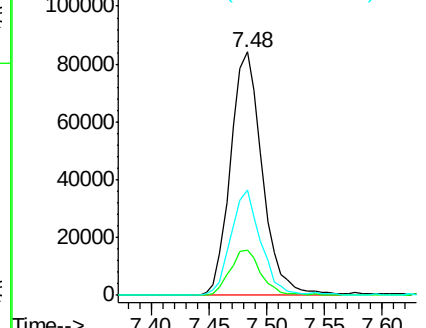
71 43.3 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028738.D

Acq: 14 Sep 2017 18:41

Tgt Ion: 136 Resp: 85146

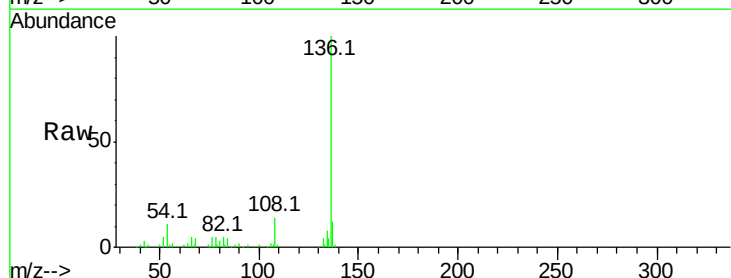
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 10.8 9.3 13.9

68 4.2 5.1 7.7#

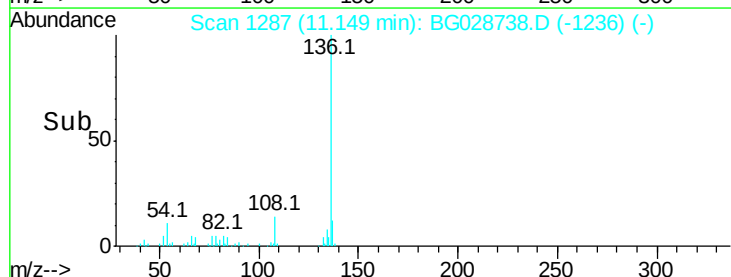
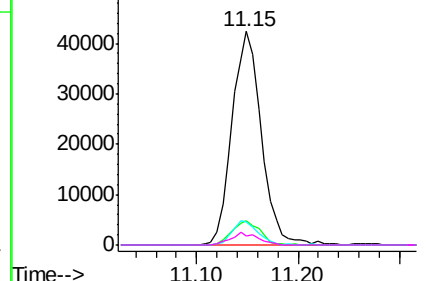


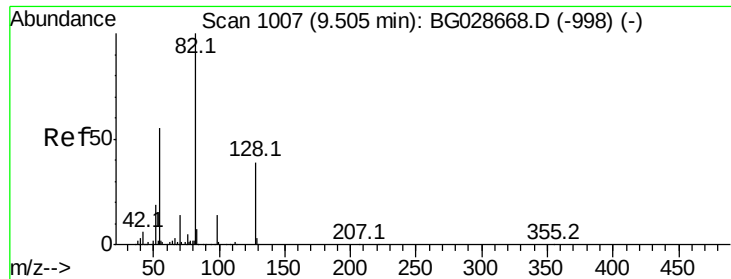
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

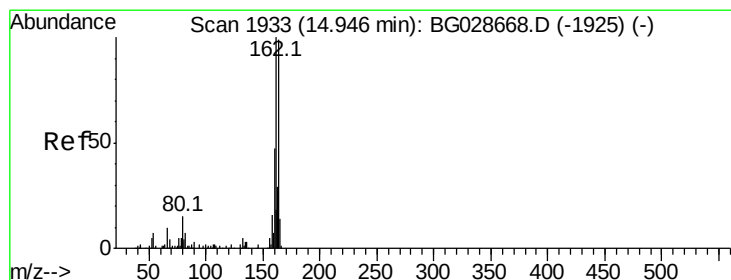
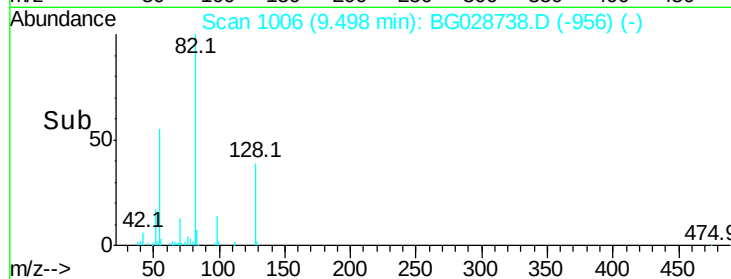
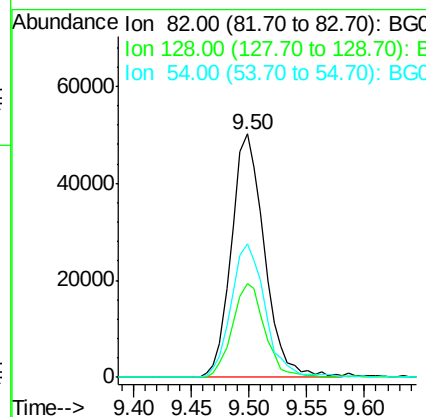
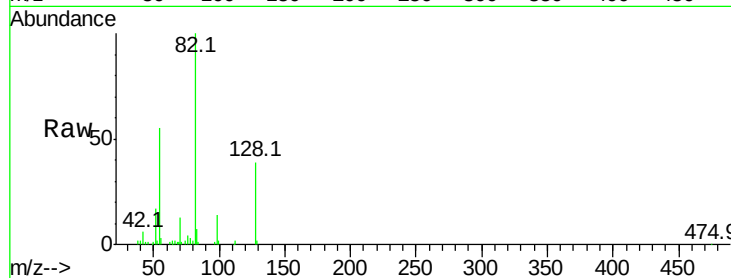




#23
 Nitrobenzene-d5
 Concen: 56.028 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028738.D
 Acq: 14 Sep 2017 18:41

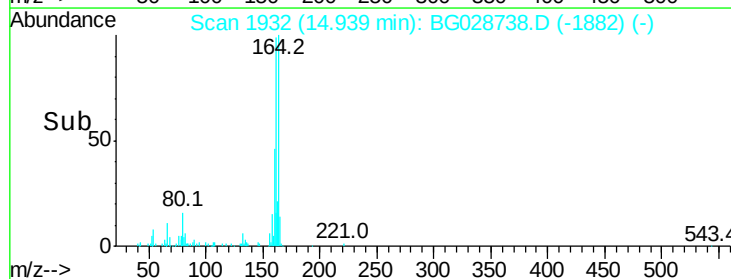
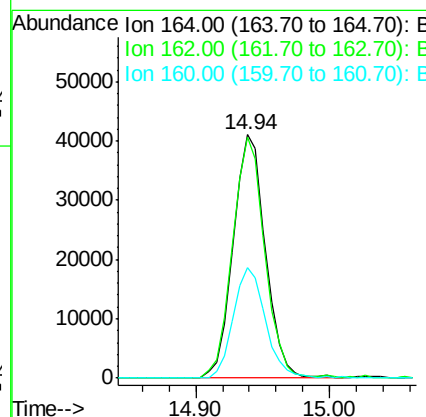
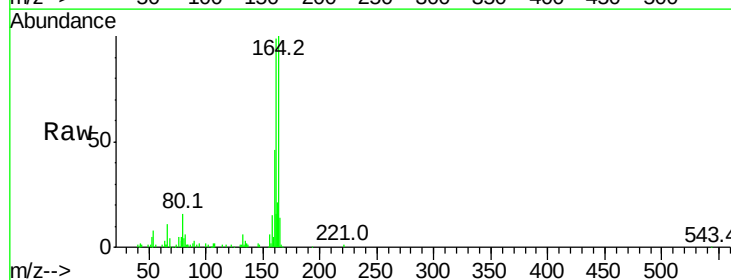
Instrument :
 BNA_G
 ClientSampleId :

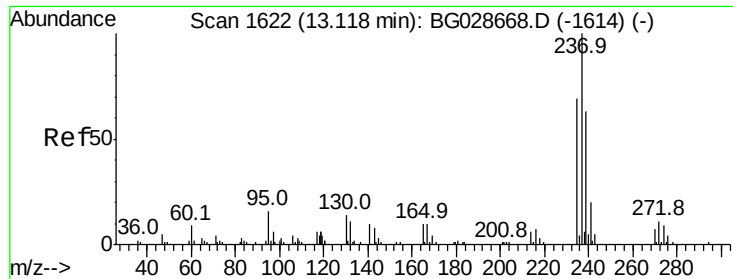
Tot Ion: 82 Resp: 99725
 Ion Ratio Lower Upper
 82 100
 128 38.8 26.4 39.6
 54 55.0 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028738.D
 Acq: 14 Sep 2017 18:41

Tgt Ion: 164 Resp: 69125
 Ion Ratio Lower Upper
 164 100
 162 99.0 85.1 127.7
 160 45.6 34.7 52.1





#40

Hexachlorocyclopentadiene

Concen: 7.653 ng

RT: 13.23 min Scan# 1641

Delta R.T. 0.11 min

Lab File: BG028738.D

Acq: 14 Sep 2017 18:41

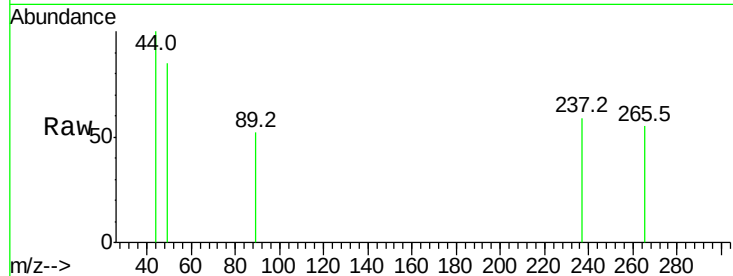
Instrument :

BNA_G

ClientSampled :

Tot Ion:237 Resp: 61

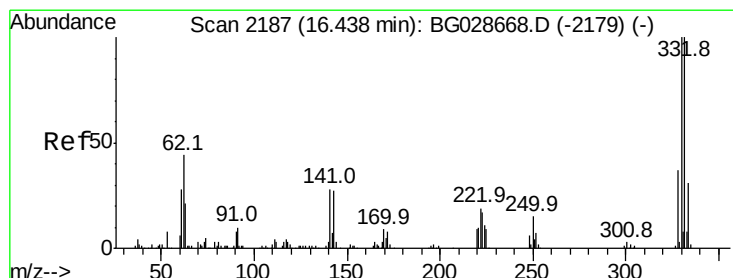
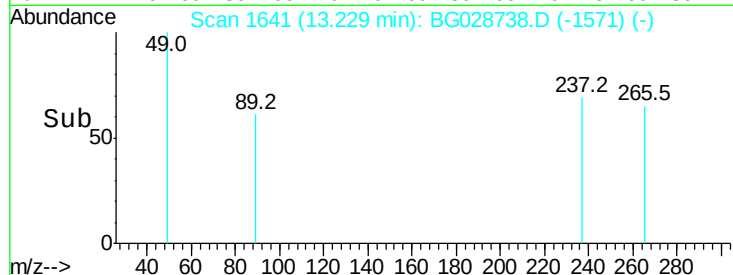
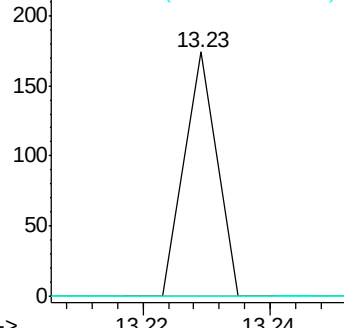
Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



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: 108.975 ng

RT: 16.43 min Scan# 2186

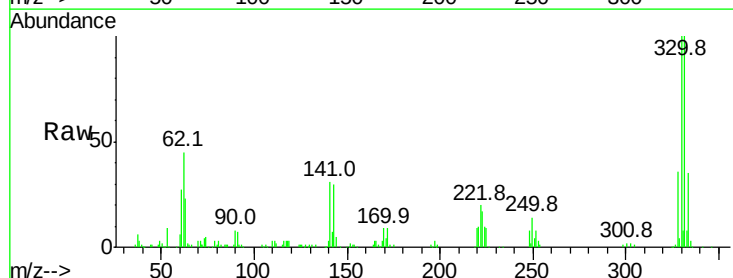
Delta R.T. -0.01 min

Lab File: BG028738.D

Acq: 14 Sep 2017 18:41

Tgt Ion:330 Resp: 124590

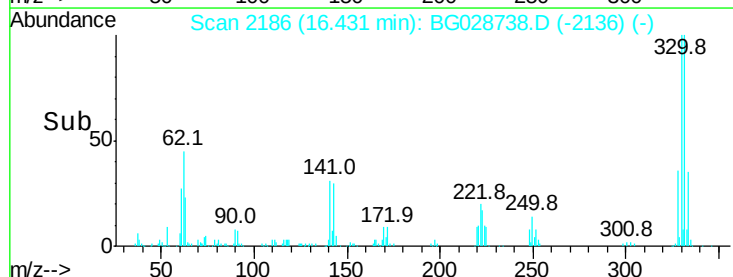
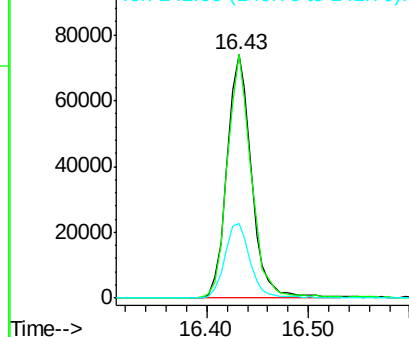
Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	31.6	32.1	48.1#

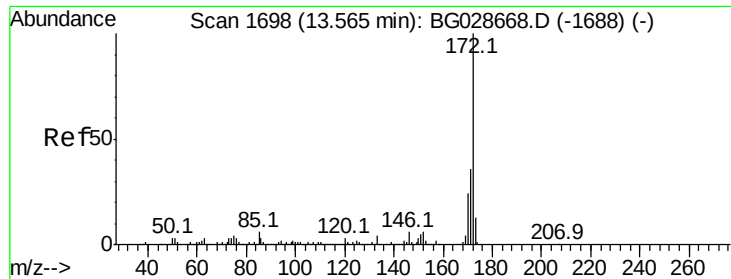


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

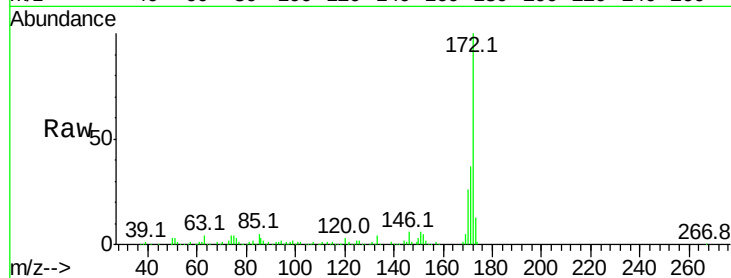




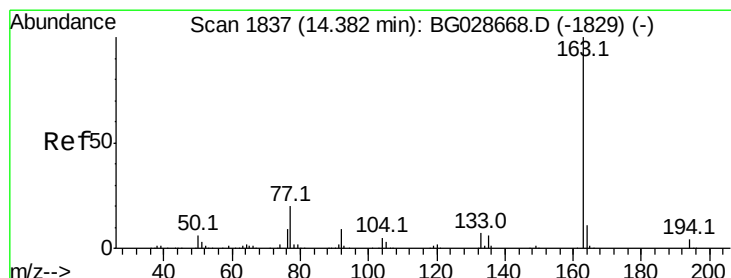
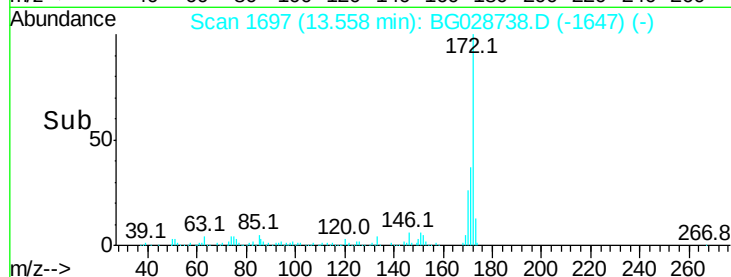
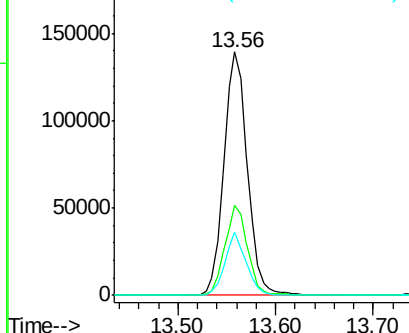
#44
2-Fluorobiphenyl
Concen: 44.748 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028738.D
Acq: 14 Sep 2017 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 231973
Ion Ratio Lower Upper
172 100
171 37.1 32.2 48.2
170 25.8 21.8 32.6

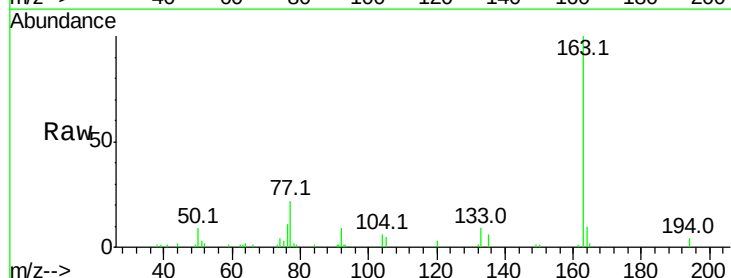


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

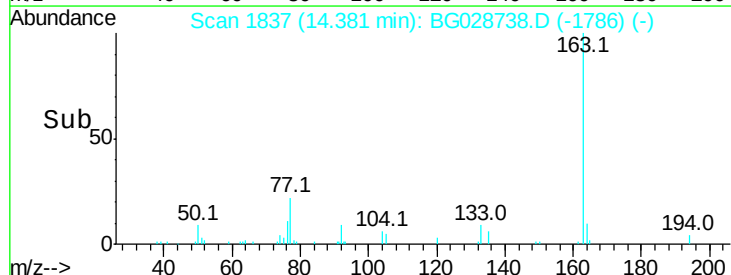
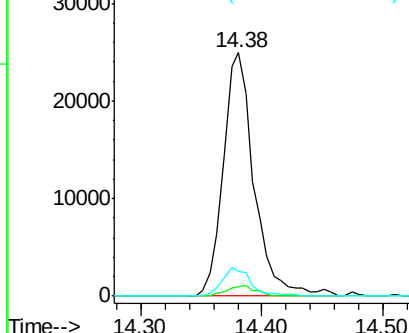


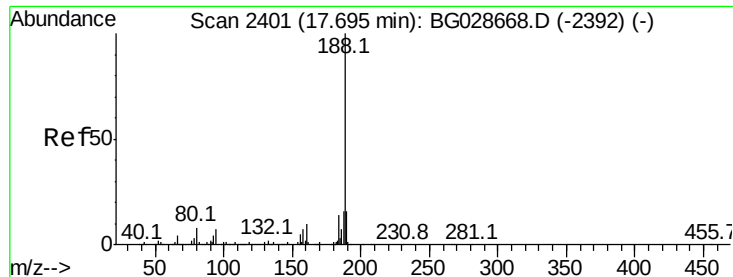
#49
Dimethylphthalate
Concen: 7.591 ng
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028738.D
Acq: 14 Sep 2017 18:41

Tgt Ion:163 Resp: 44002
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.6
164 10.1 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

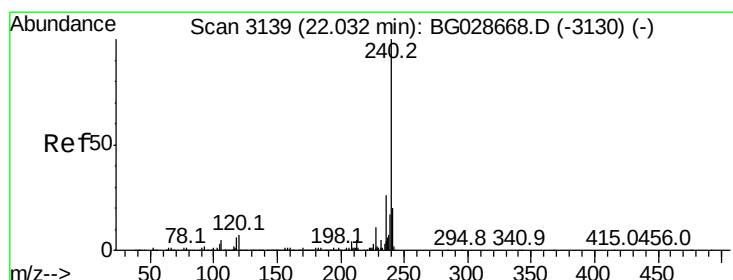
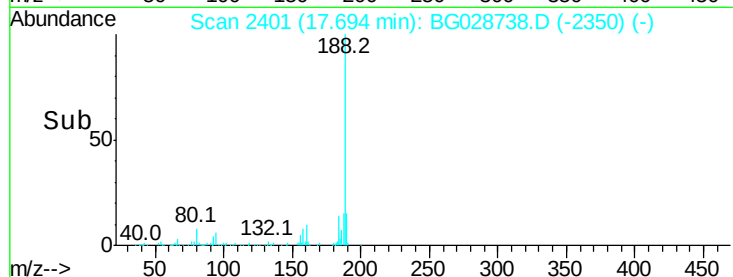
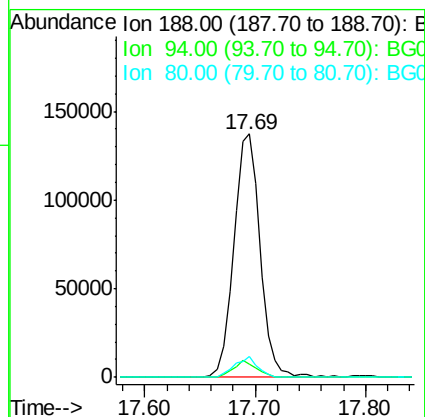
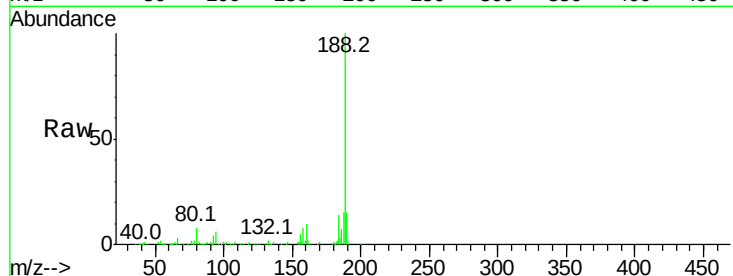




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG028738.D
Acq: 14 Sep 2017 18:41

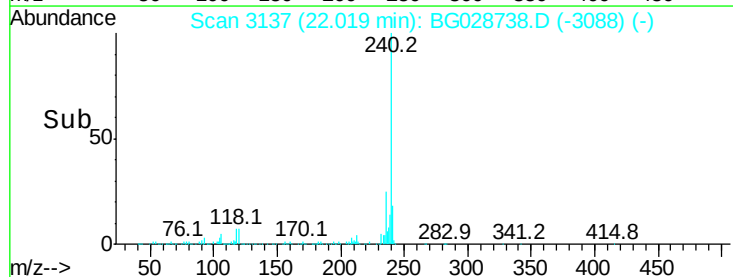
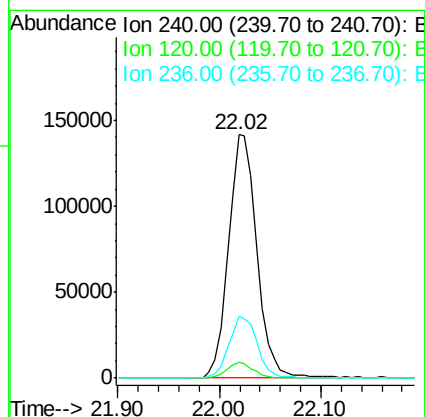
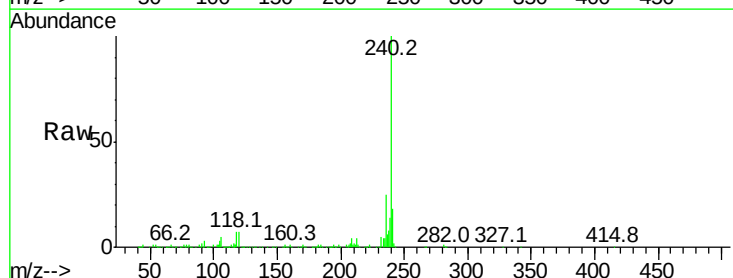
Instrument :
BNA_G
ClientSampleId :

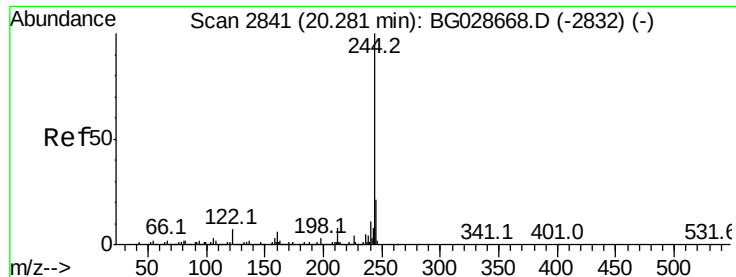
Tot Ion:188 Resp: 228684
Ion Ratio Lower Upper
188 100
94 5.6 5.8 8.8#
80 8.5 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.02 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG028738.D
Acq: 14 Sep 2017 18:41

Tgt Ion:240 Resp: 273828
Ion Ratio Lower Upper
240 100
120 6.7 5.7 8.5
236 25.2 22.2 33.4





#78

Terphenyl-d14

Concen: 50.573 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028738.D

Acq: 14 Sep 2017 18:41

Instrument :

BNA_G

ClientSampleId :

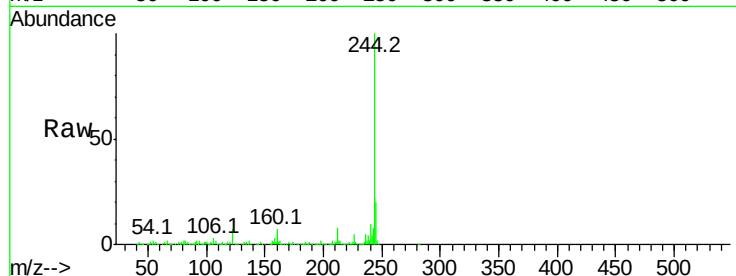
Tot Ion:244 Resp: 649375

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

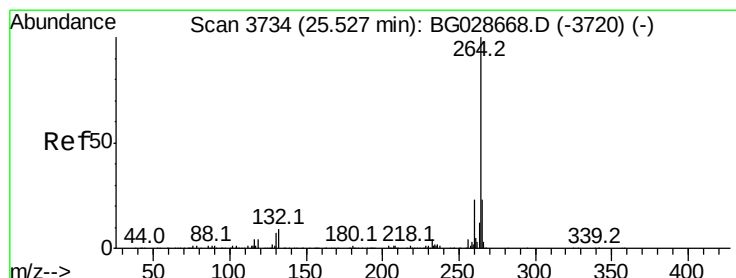
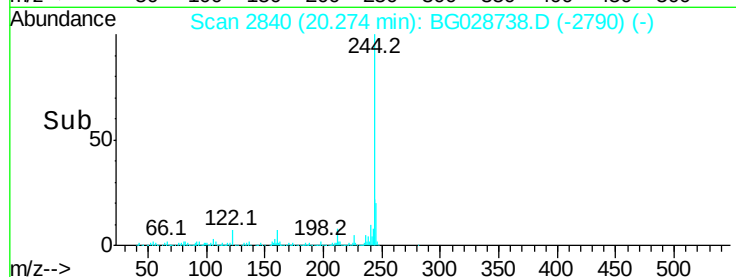
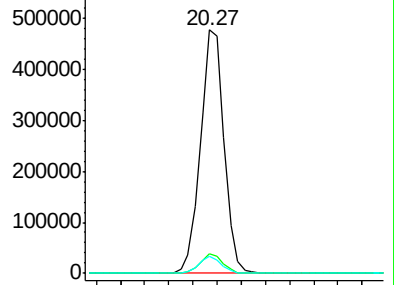
122 6.9 8.6 12.8#



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# 3733

Delta R.T. -0.01 min

Lab File: BG028738.D

Acq: 14 Sep 2017 18:41

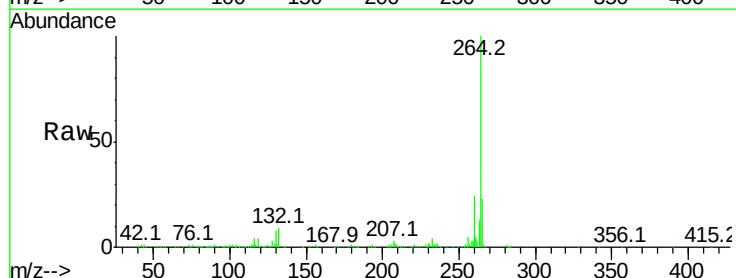
Tgt Ion:264 Resp: 273612

Ion Ratio Lower Upper

264 100

260 24.3 21.8 32.8

265 22.8 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

