

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028998.D
 Acq On : 1 Oct 2017 3:20
 Operator : SJ/JU
 Sample : I5547-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 04:38:36 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

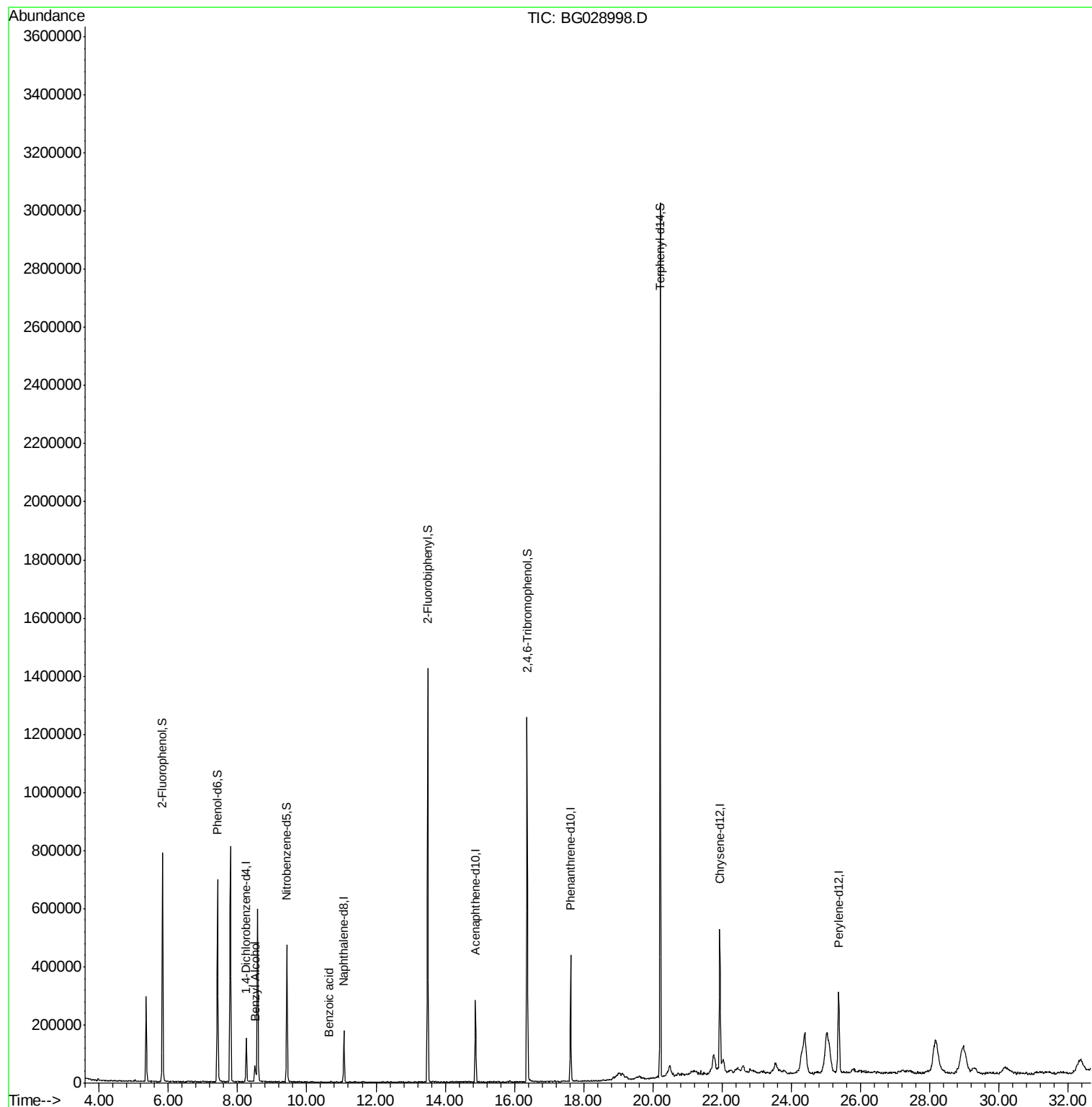
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	38710	20.00	ng	-0.08
21) Naphthalene-d8	11.07	136	150746	20.00	ng	-0.08
38) Acenaphthene-d10	14.87	164	103092	20.00	ng	-0.07
63) Phenanthrene-d10	17.62	188	268563	20.00	ng	-0.07
75) Chrysene-d12	21.94	240	320174	20.00	ng	-0.09
86) Perylene-d12	25.37	264	336960	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.83	112	343874	146.58	ng	-0.07
7) Phenol-d6	7.42	99	427689	121.08	ng	-0.07
23) Nitrobenzene-d5	9.43	82	305314	96.89	ng	-0.08
41) 2,4,6-Tribromophenol	16.37	330	268730	157.61	ng	-0.07
44) 2-Fluorobiphenyl	13.49	172	763752	98.79	ng	-0.07
78) Terphenyl-d14	20.22	244	1412966	94.11	ng	-0.07
Target Compounds						
15) Benzyl Alcohol	8.50	79	22532	8.172	ng	93
32) Benzoic acid	10.64	122	56	6.111	ng	# 33

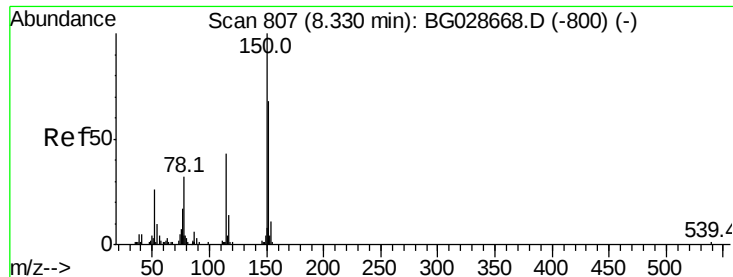
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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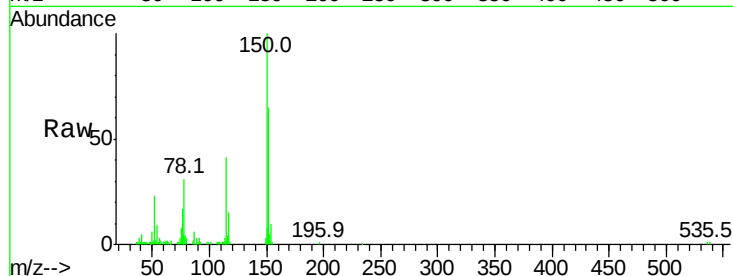


#1

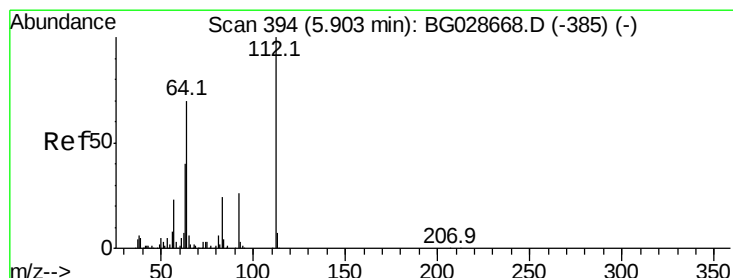
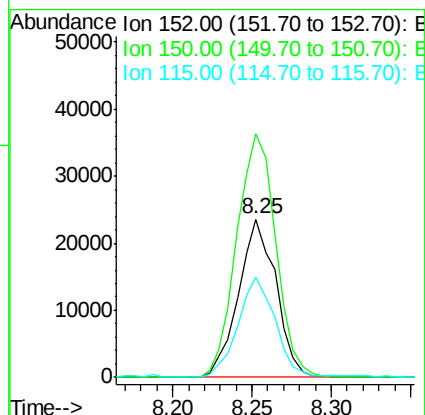
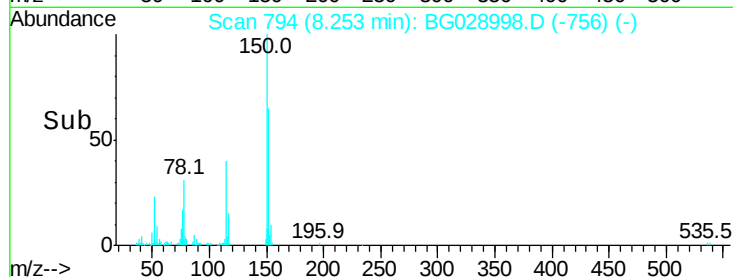
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.25 min Scan# 794
Delta R.T. -0.08 min
Lab File: BG028998.D
Acq: 1 Oct 2017 3:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38710
Ion Ratio Lower Upper
152 100
150 154.1 114.0 171.0
115 63.3 48.1 72.1



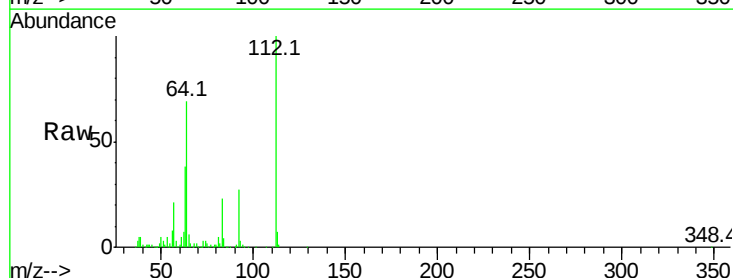
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



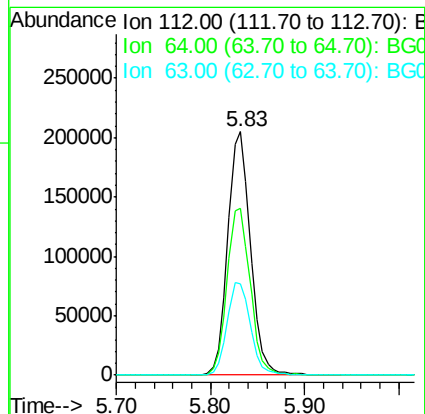
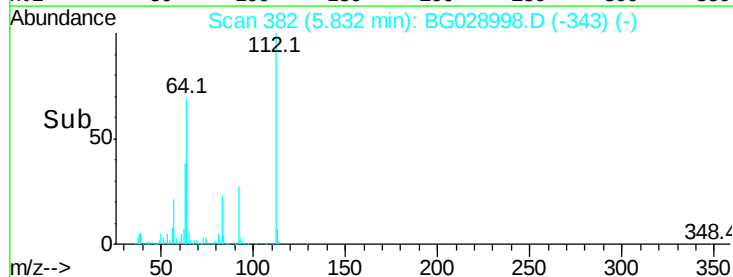
#5

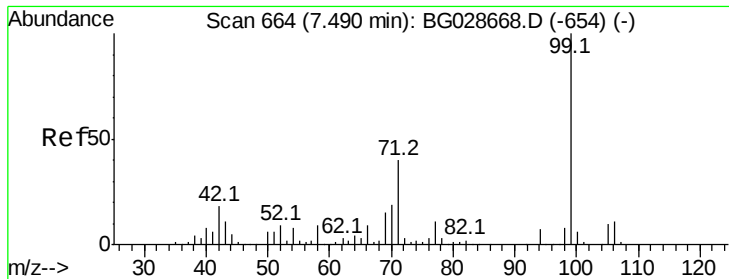
2-Fluorophenol
Concen: 146.579 ng
RT: 5.83 min Scan# 382
Delta R.T. -0.07 min
Lab File: BG028998.D
Acq: 1 Oct 2017 3:20

Tgt Ion:112 Resp: 343874
Ion Ratio Lower Upper
112 100
64 68.7 61.8 92.6
63 37.6 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: 121.084 ng

RT: 7.42 min Scan# 653

Delta R.T. -0.07 min

Lab File: BG028998.D

Acq: 1 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

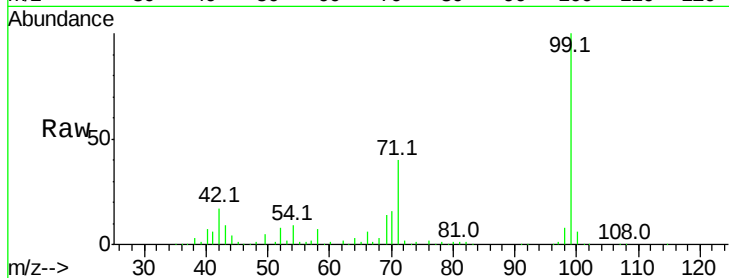
Tot Ion: 99 Resp: 427689

Ion Ratio Lower Upper

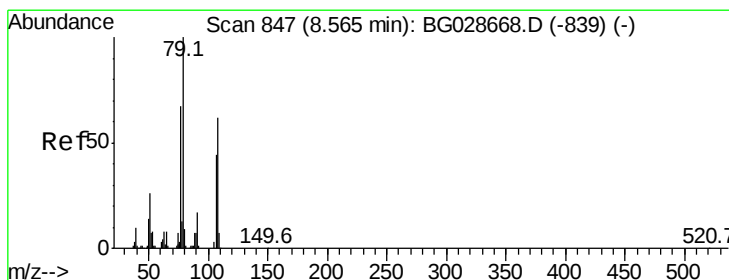
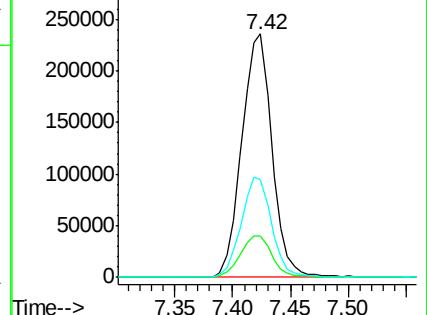
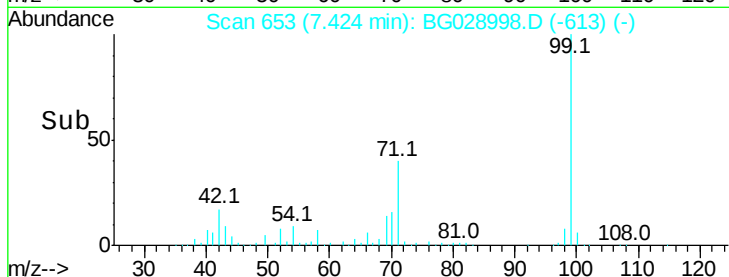
99 100

42 17.3 20.5 30.7#

71 40.1 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: 8.172 ng

RT: 8.50 min Scan# 836

Delta R.T. -0.07 min

Lab File: BG028998.D

Acq: 1 Oct 2017 3:20

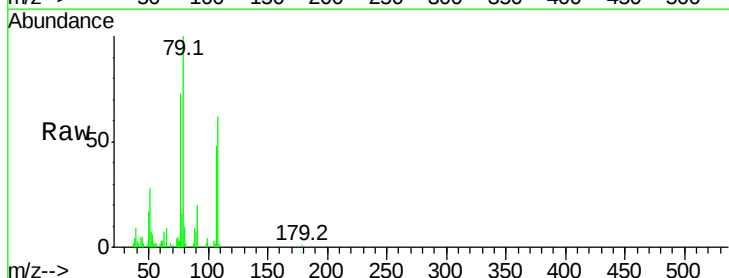
Tgt Ion: 79 Resp: 22532

Ion Ratio Lower Upper

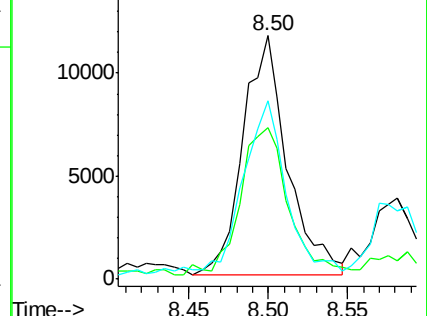
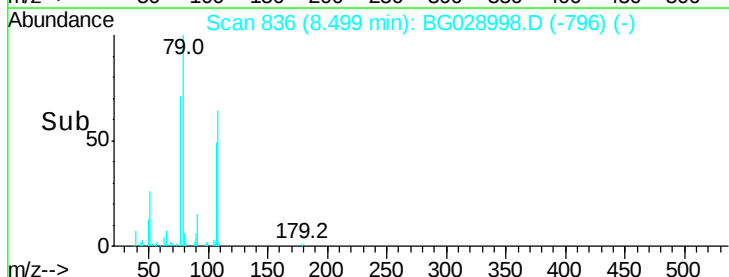
79 100

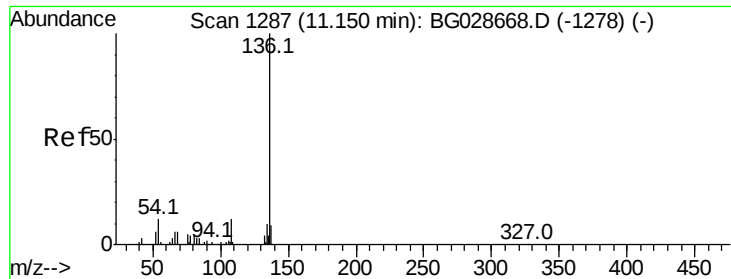
108 62.3 45.5 68.3

77 73.5 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

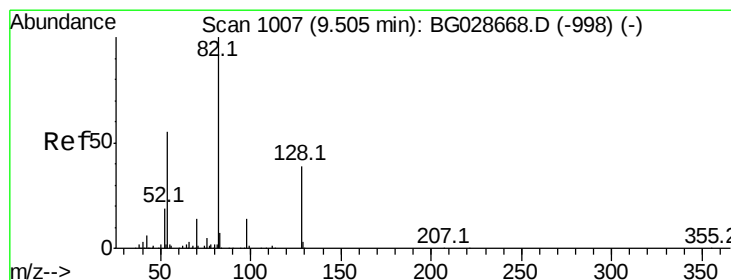
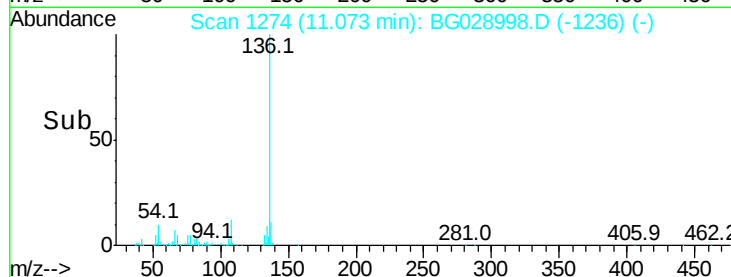
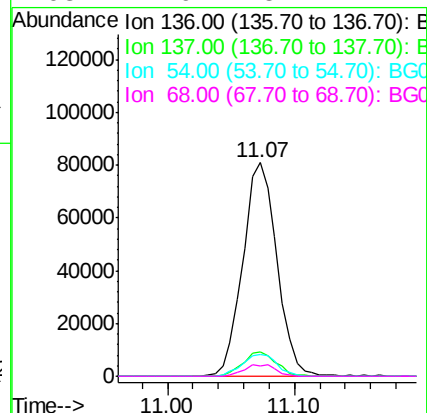
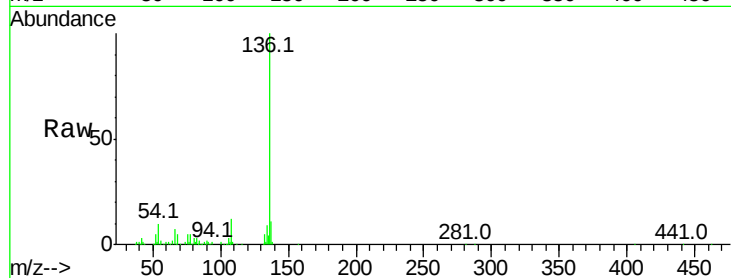




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.07 min Scan# 1274
Delta R.T. -0.08 min
Lab File: BG028998.D
Acq: 1 Oct 2017 3:20

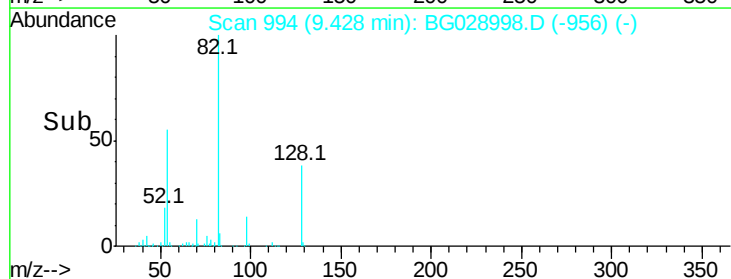
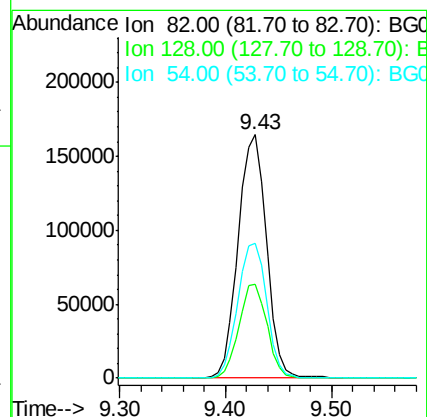
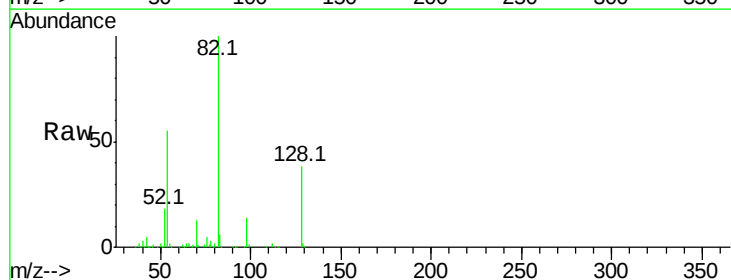
Instrument :
BNA_G
ClientSampleId :

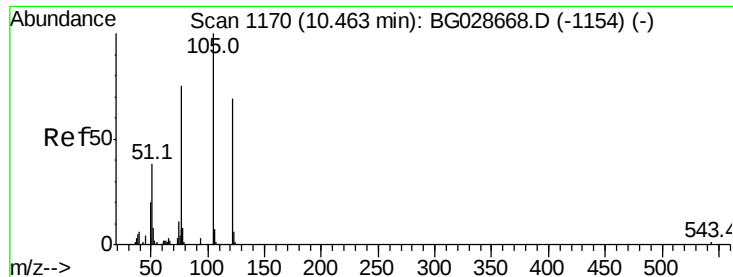
Tot Ion:136	Resp:	150746
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	10.0	9.3 13.9
68	4.9	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 96.888 ng
RT: 9.43 min Scan# 994
Delta R.T. -0.08 min
Lab File: BG028998.D
Acq: 1 Oct 2017 3:20

Tgt Ion: 82	Resp:	305314
Ion	Ratio	Lower Upper
82	100	
128	38.5	26.4 39.6
54	55.1	49.4 74.2

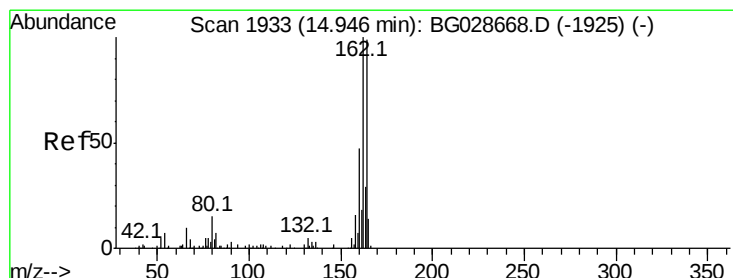
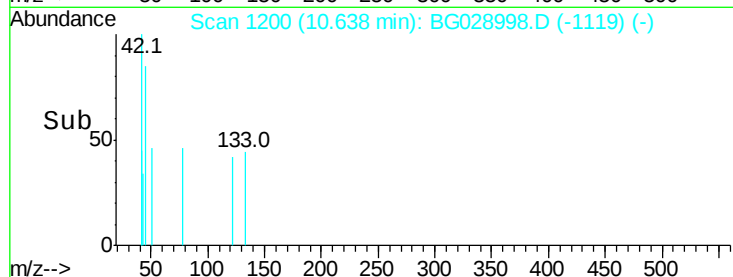
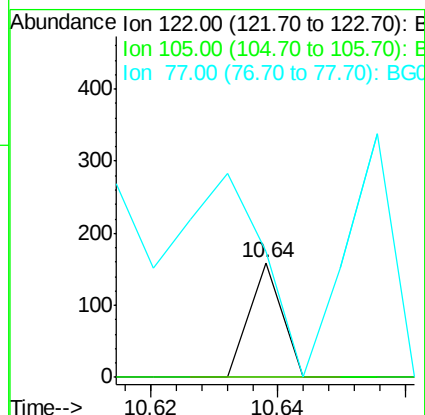
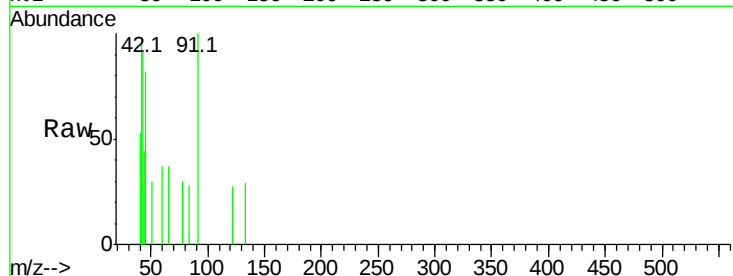




#32
Benzoic acid
Concen: 6.111 ng
RT: 10.64 min Scan# 1200
Delta R.T. 0.18 min
Lab File: BG028998.D
Acq: 1 Oct 2017 3:20

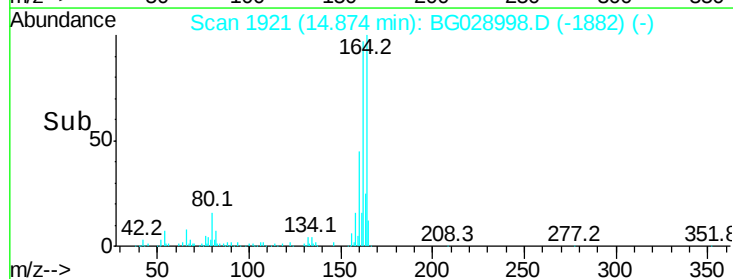
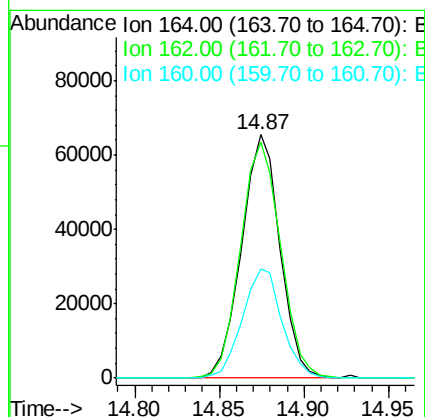
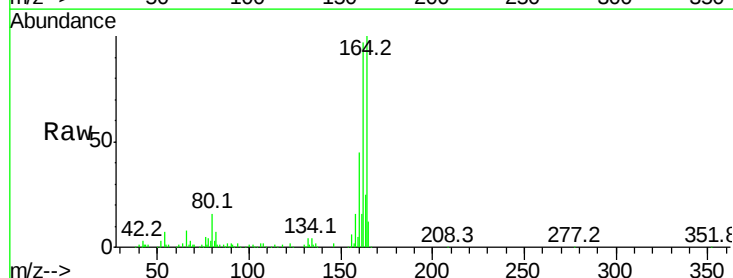
Instrument :
BNA_G
ClientSampled :

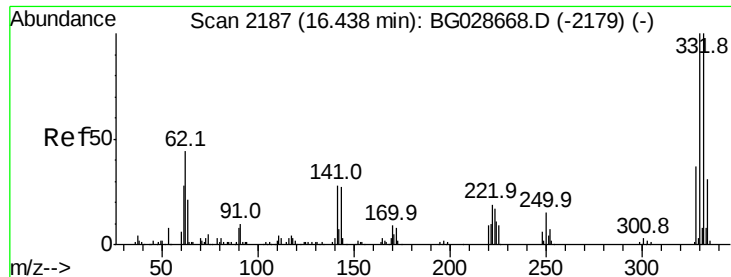
Tot Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 110.1 104.6 144.6



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.87 min Scan# 1921
Delta R.T. -0.07 min
Lab File: BG028998.D
Acq: 1 Oct 2017 3:20

Tgt Ion:164 Resp: 103092
Ion Ratio Lower Upper
164 100
162 97.1 85.1 127.7
160 44.6 34.7 52.1

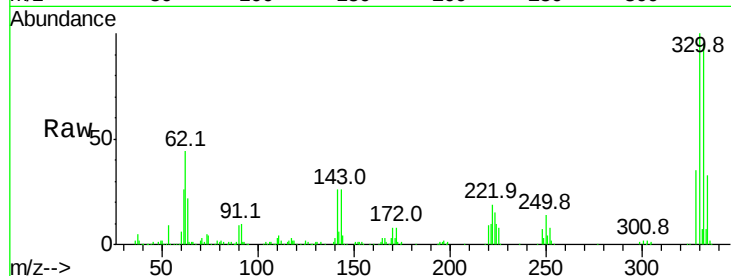




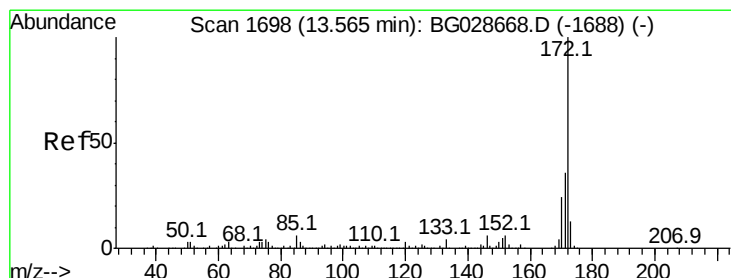
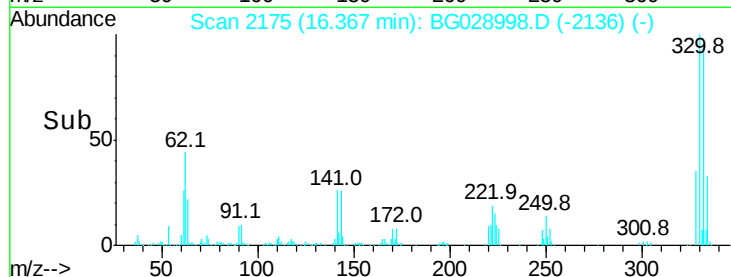
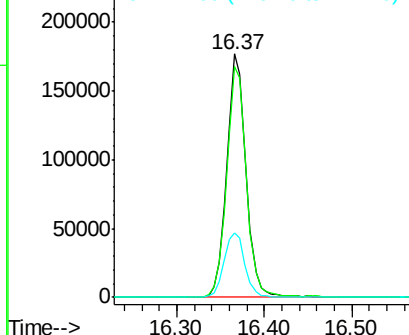
#41
 2,4,6-Tribromophenol
 Concen: 157.606 ng
 RT: 16.37 min Scan# 2175
 Delta R.T. -0.07 min
 Lab File: BG028998.D
 Acq: 1 Oct 2017 3:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	28.6	32.1	48.1#

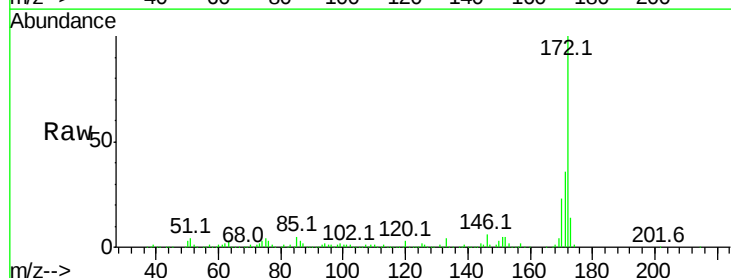


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

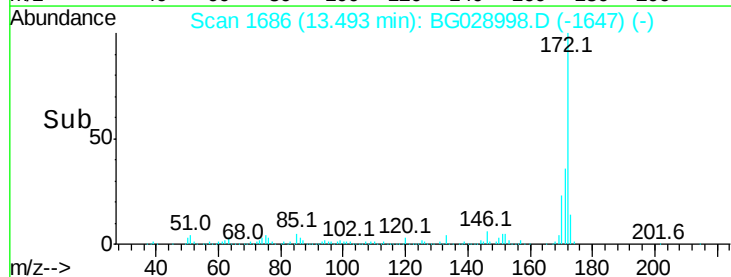
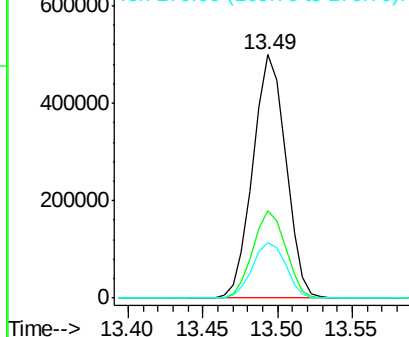


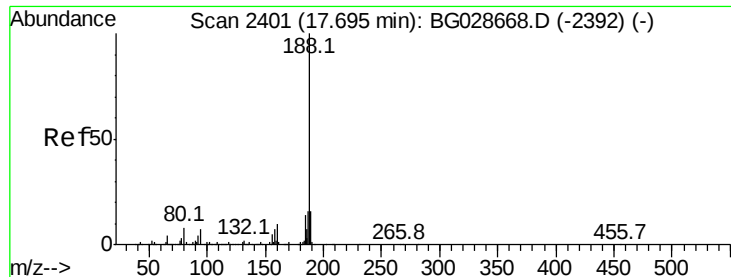
#44
 2-Fluorobiphenyl
 Concen: 98.786 ng
 RT: 13.49 min Scan# 1686
 Delta R.T. -0.07 min
 Lab File: BG028998.D
 Acq: 1 Oct 2017 3:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	32.2	48.2
170	22.8	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.62 min Scan# 2389

Delta R.T. -0.07 min

Lab File: BG028998.D

Acq: 1 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

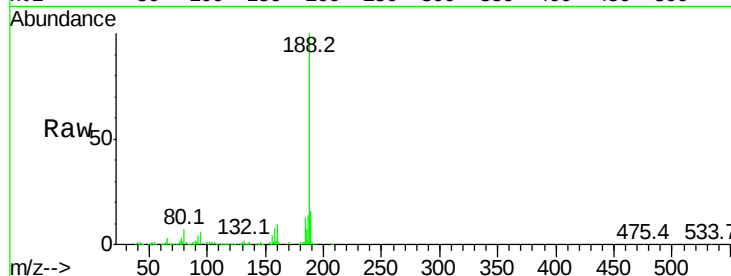
Tot Ion:188 Resp: 268563

Ion Ratio Lower Upper

188 100

94 5.8 5.8 8.8#

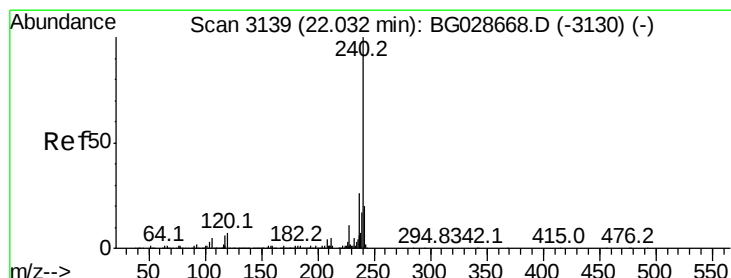
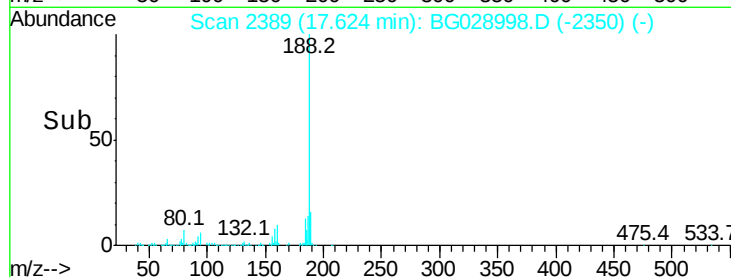
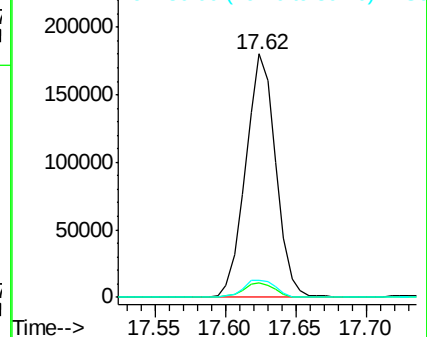
80 6.9 7.5 11.3#



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: 20.000 ng

RT: 21.94 min Scan# 3123

Delta R.T. -0.09 min

Lab File: BG028998.D

Acq: 1 Oct 2017 3:20

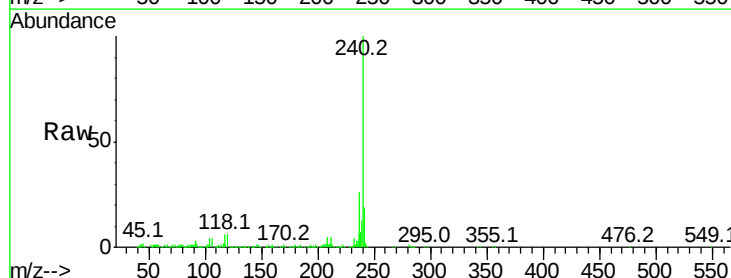
Tgt Ion:240 Resp: 320174

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

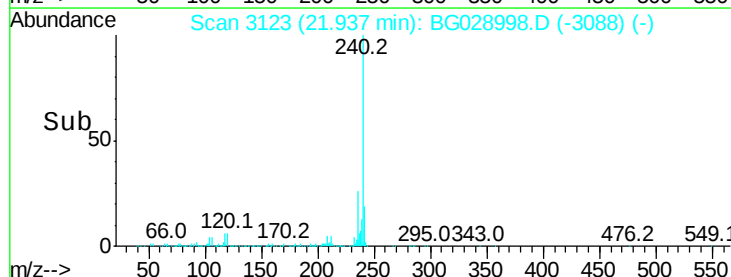
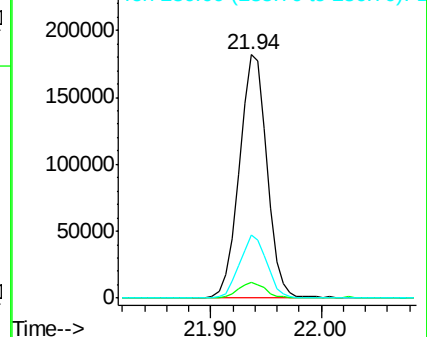
236 26.2 22.2 33.4

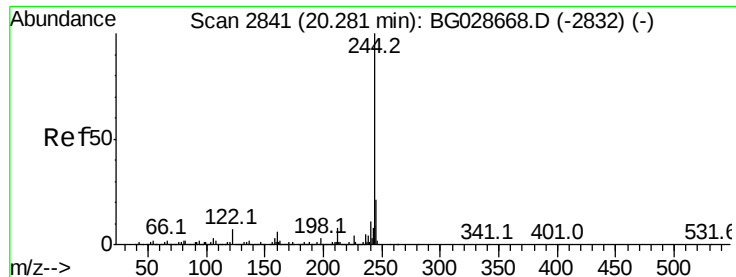


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.113 ng

RT: 20.22 min Scan# 2830

Delta R.T. -0.07 min

Lab File: BG028998.D

Acq: 1 Oct 2017 3:20

Instrument :

BNA_G

ClientSampled :

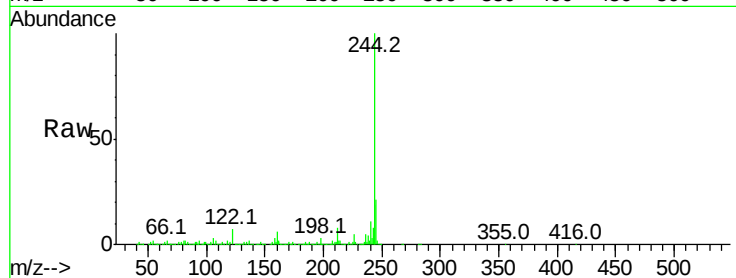
Tot Ion:244 Resp: 1412966

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	7.3	8.6	12.8#

244 100

212 8.0 10.0 15.0#

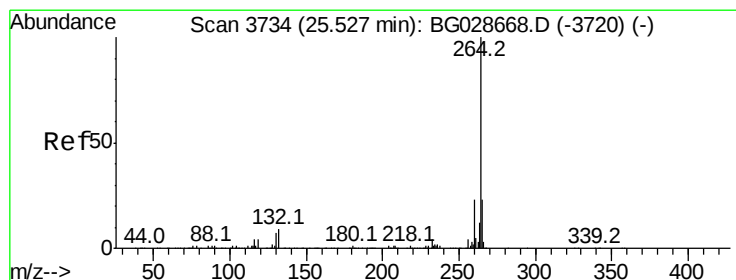
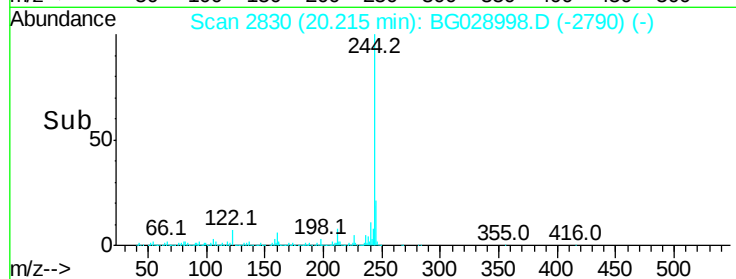
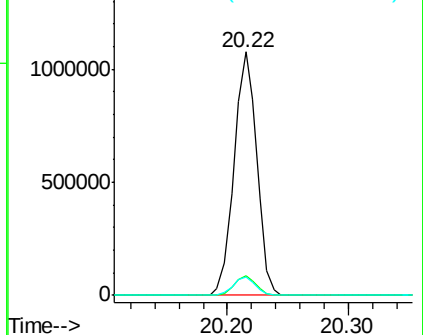
122 7.3 8.6 12.8#



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: 25.37 min Scan# 3708

Delta R.T. -0.15 min

Lab File: BG028998.D

Acq: 1 Oct 2017 3:20

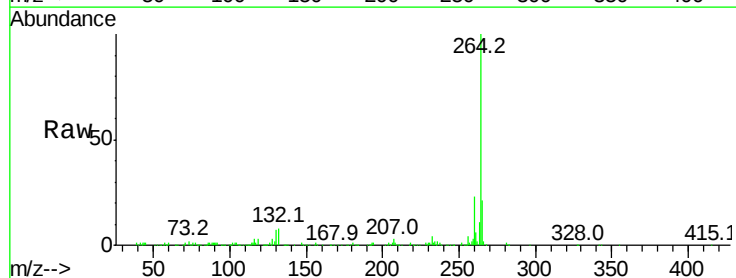
Tgt Ion:264 Resp: 336960

Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	20.8	18.2	27.4

264 100

260 22.7 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

