

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091517\
 Data File : BG028788.D
 Acq On : 16 Sep 2017 6:01
 Operator : SJ/JU
 Sample : I5187-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 16 06:38:58 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

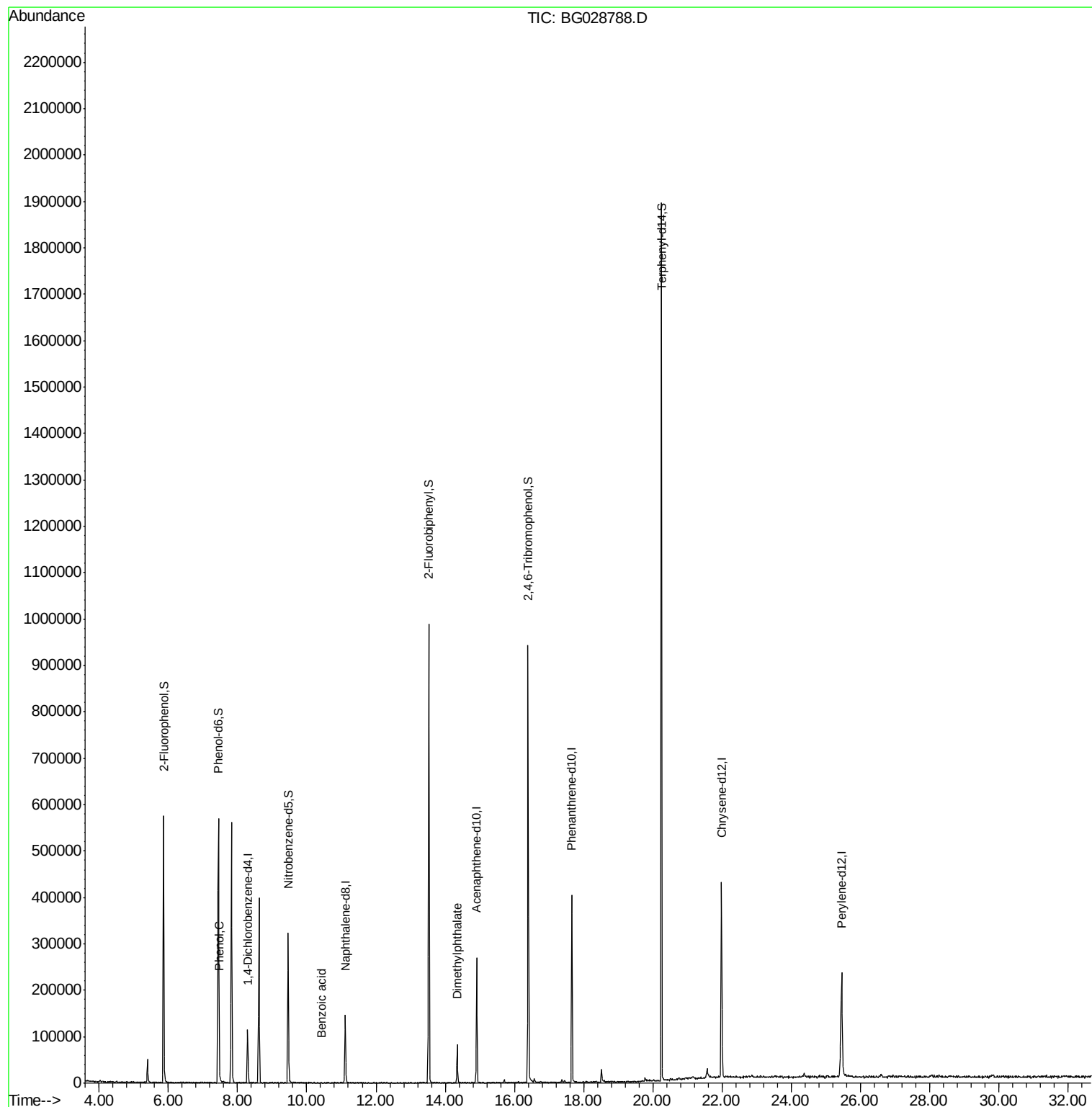
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	31137	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	130190	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	97167	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	262502	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	286839	20.00	ng	-0.05
86) Perylene-d12	25.45	264	293568	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	253865	134.53	ng	-0.04
7) Phenol-d6	7.45	99	345557	121.63	ng	-0.04
23) Nitrobenzene-d5	9.46	82	211479	77.71	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	210714	131.12	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	530303	72.77	ng	-0.04
78) Terphenyl-d14	20.25	244	881953	65.57	ng	-0.03
Target Compounds						
10) Phenol	7.47	94	8184	2.729	ng	85
32) Benzoic acid	10.43	122	105	6.141	ng	# 1
49) Dimethylphthalate	14.35	163	58311	7.156	ng	97

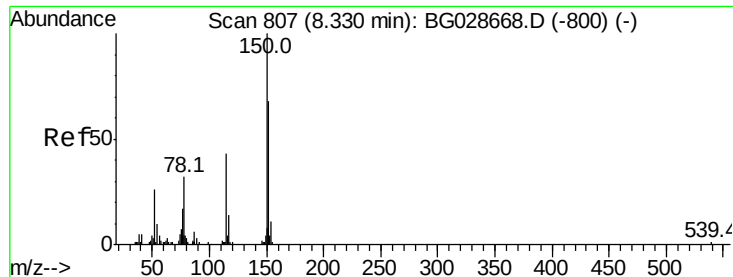
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : SJ/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
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QLast Update : Tue Sep 12 16:57:11 2017
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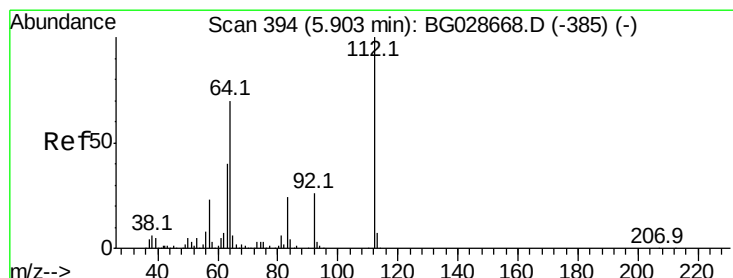
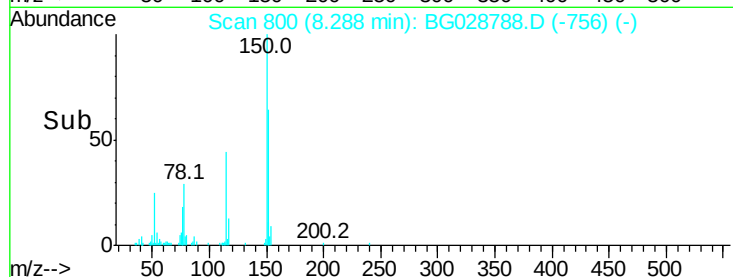
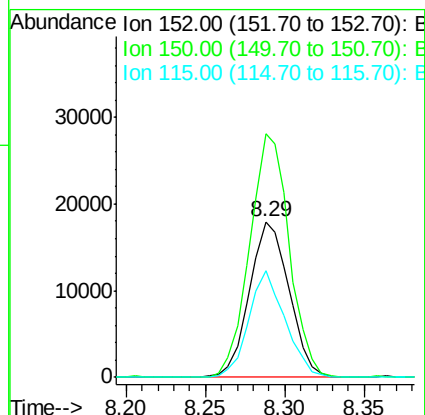
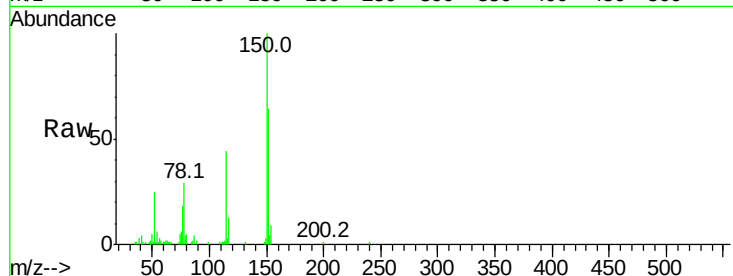


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028788.D
Acq: 16 Sep 2017 6:01

Instrument :
BNA_G
ClientSampleId :

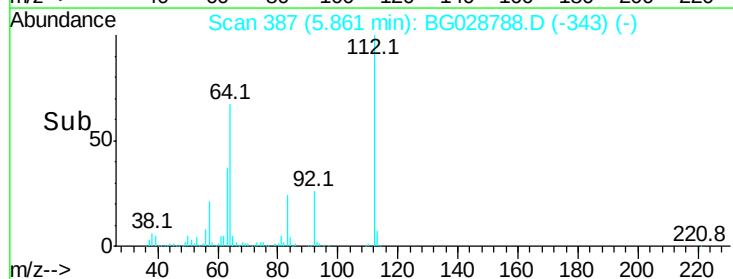
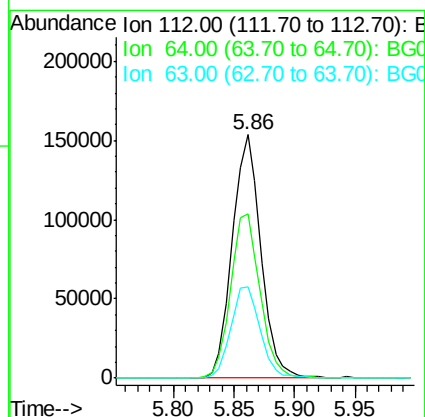
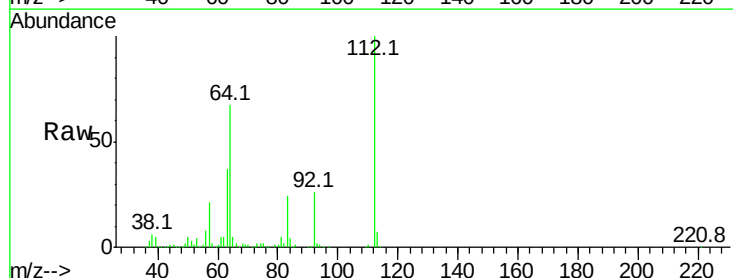
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	114.0	171.0
115	68.6	48.1	72.1

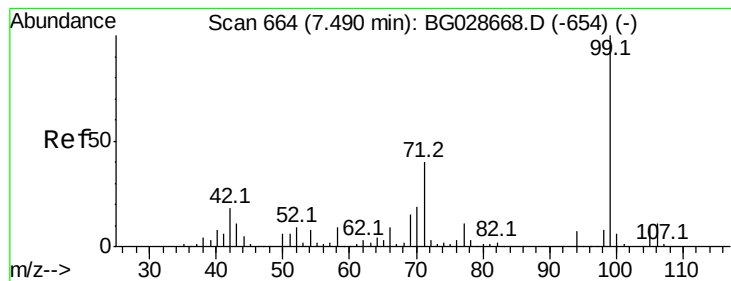


#5

2-Fluorophenol
Concen: 134.531 ng
RT: 5.86 min Scan# 387
Delta R.T. -0.04 min
Lab File: BG028788.D
Acq: 16 Sep 2017 6:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	61.8	92.6
63	37.5	37.2	55.8





#7

Phenol-d6

Concen: 121.625 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.04 min

Lab File: BG028788.D

Acq: 16 Sep 2017 6:01

Instrument :

BNA_G

ClientSampleId :

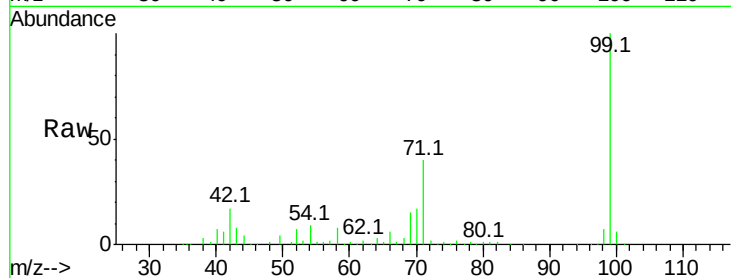
Tot Ion: 99 Resp: 345557

Ion Ratio Lower Upper

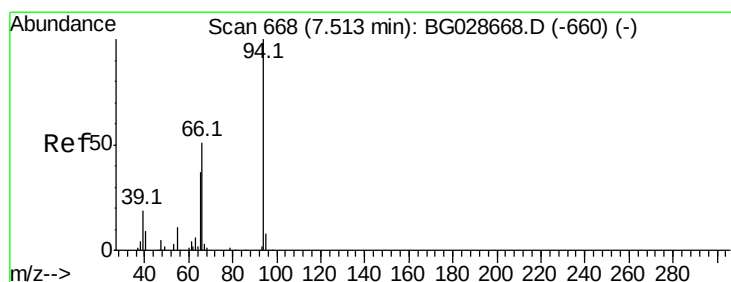
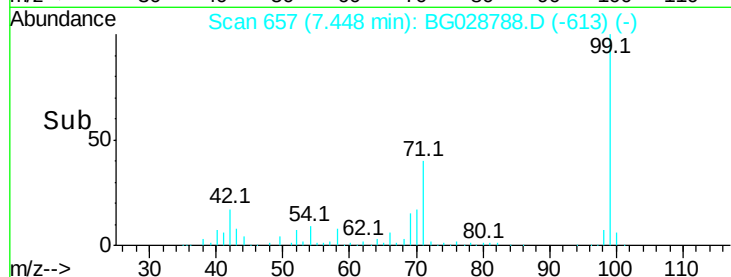
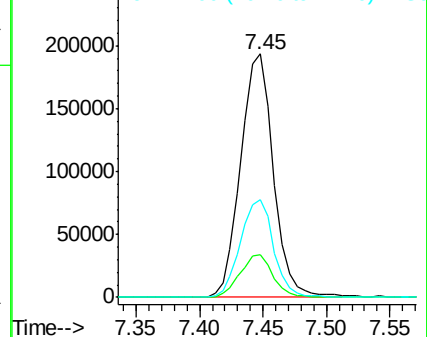
99 100

42 17.3 20.5 30.7#

71 40.3 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



#10

Phenol

Concen: 2.729 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.04 min

Lab File: BG028788.D

Acq: 16 Sep 2017 6:01

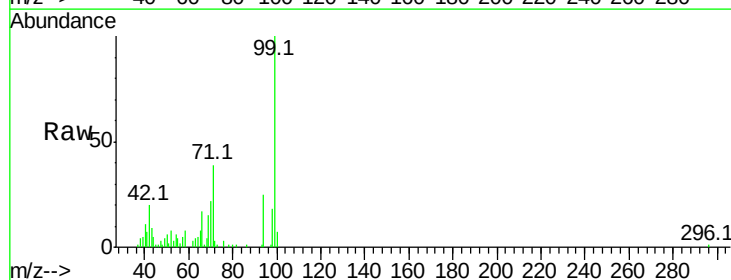
Tgt Ion: 94 Resp: 8184

Ion Ratio Lower Upper

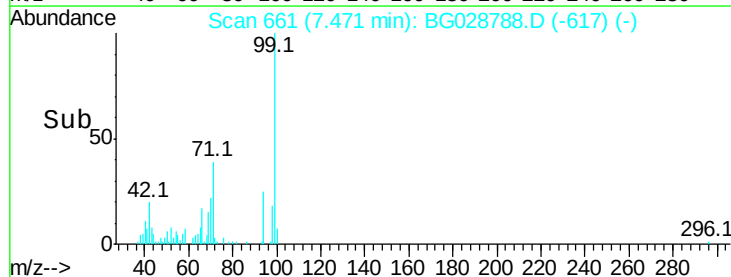
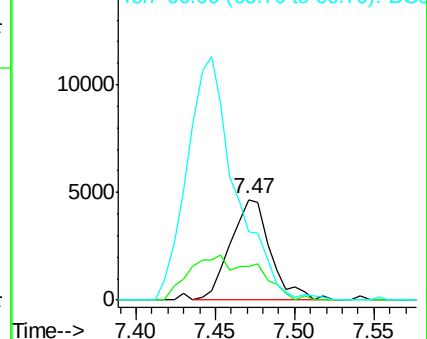
94 100

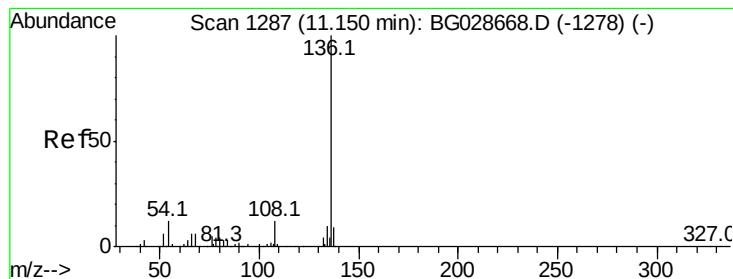
65 33.6 20.6 60.6

66 67.9 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028788.D

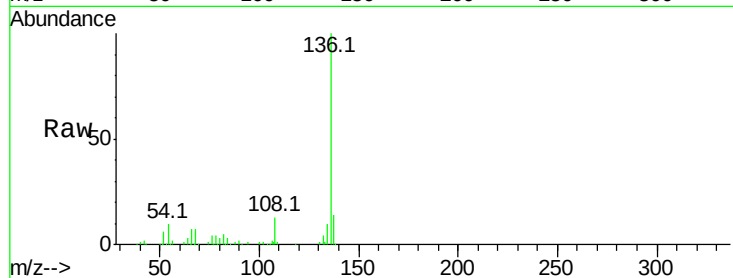
Acq: 16 Sep 2017 6:01

Instrument :

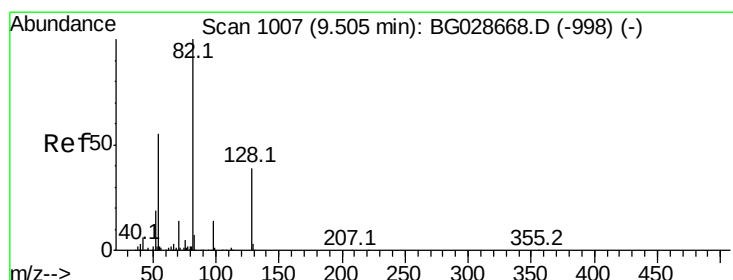
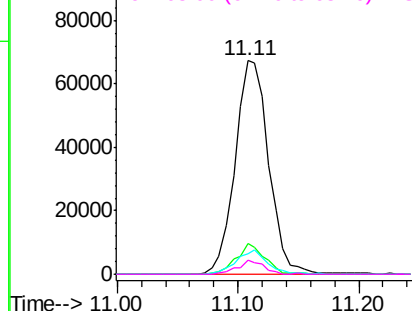
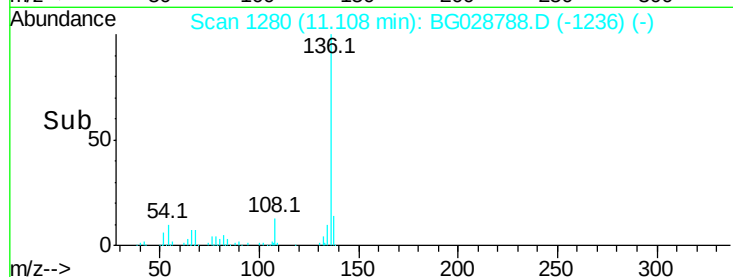
BNA_G

ClientSampleId :

Tot Ion:	136	Resp:	130190
Ion	Ratio	Lower	Upper
136	100		
137	14.2	8.9	13.3#
54	9.6	9.3	13.9
68	6.7	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: 77.706 ng

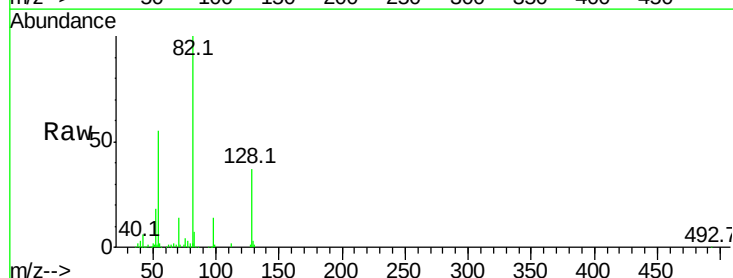
RT: 9.46 min Scan# 1000

Delta R.T. -0.04 min

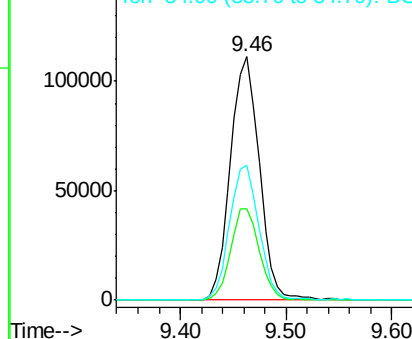
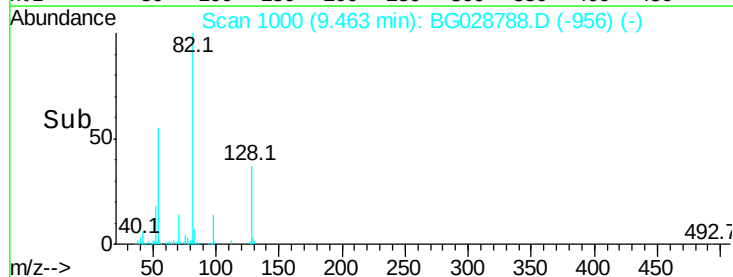
Lab File: BG028788.D

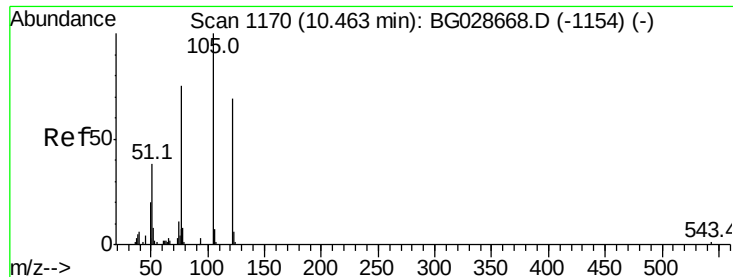
Acq: 16 Sep 2017 6:01

Tgt Ion:	82	Resp:	211479
Ion	Ratio	Lower	Upper
82	100		
128	37.3	26.4	39.6
54	55.3	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 6.141 ng

RT: 10.43 min Scan# 1165

Delta R.T. -0.03 min

Lab File: BG028788.D

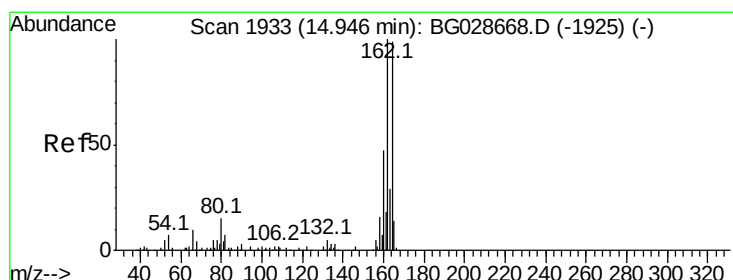
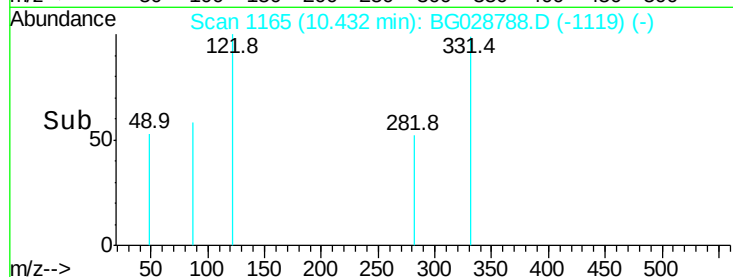
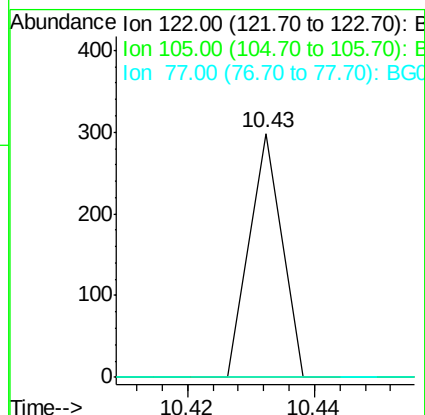
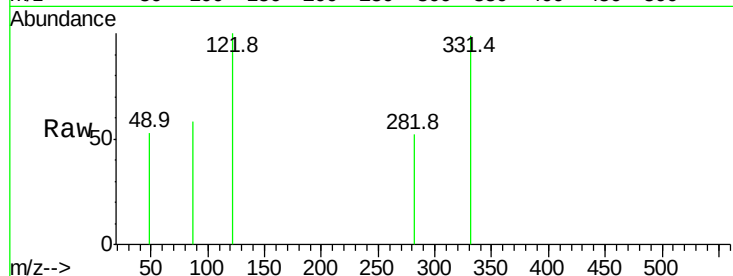
Acq: 16 Sep 2017 6:01

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

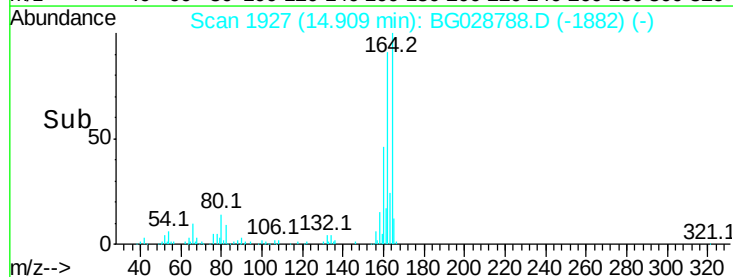
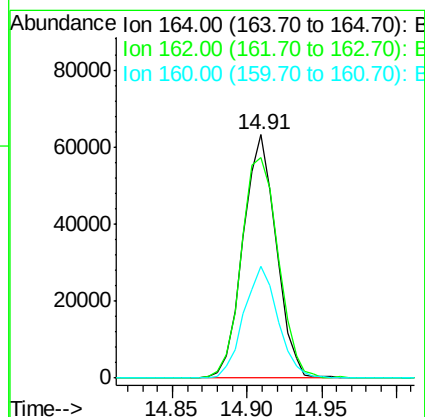
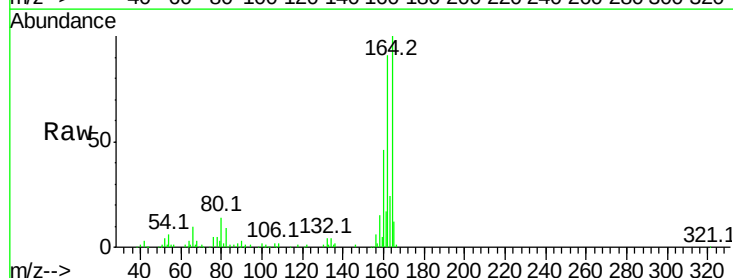
RT: 14.91 min Scan# 1927

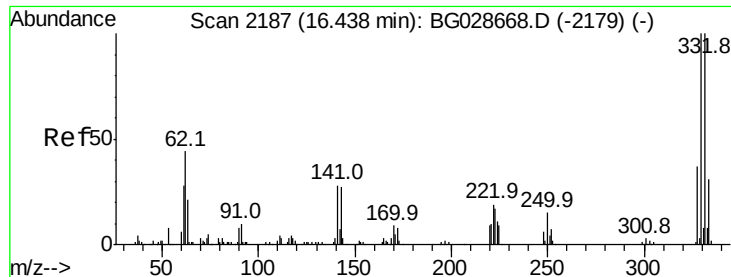
Delta R.T. -0.04 min

Lab File: BG028788.D

Acq: 16 Sep 2017 6:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	90.8	85.1	127.7
160	46.0	34.7	52.1

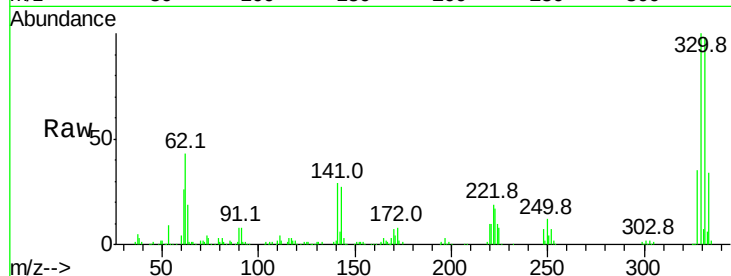




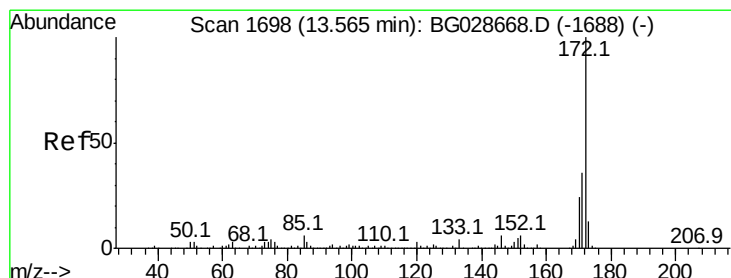
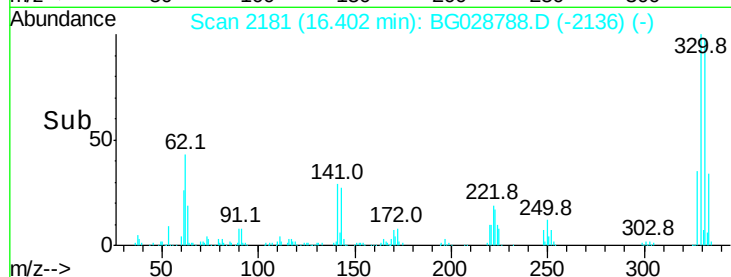
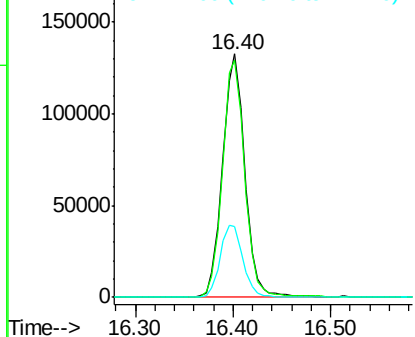
#41
 2,4,6-Tribromophenol
 Concen: 131.116 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028788.D
 Acq: 16 Sep 2017 6:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	30.1	32.1	48.1#

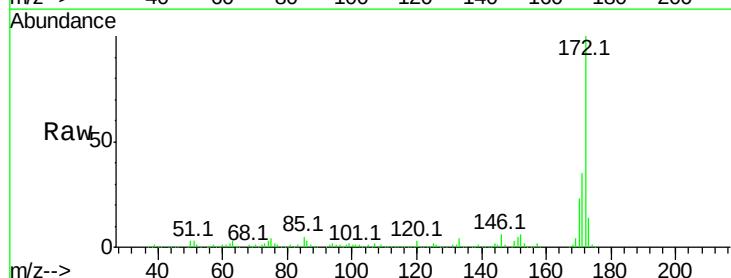


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

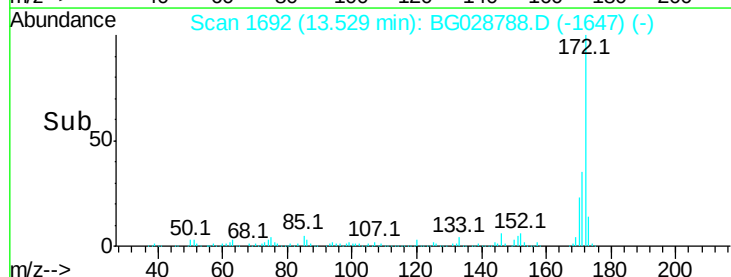
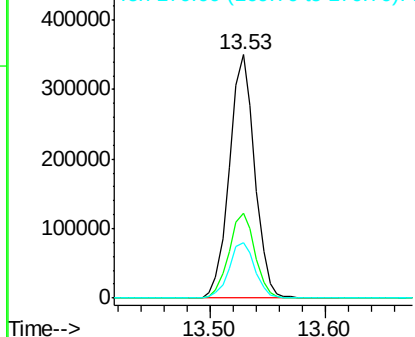


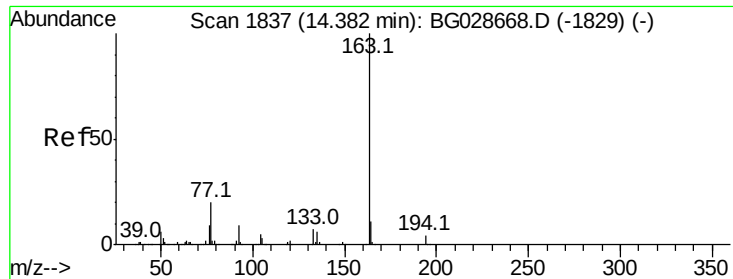
#44
 2-Fluorobiphenyl
 Concen: 72.773 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028788.D
 Acq: 16 Sep 2017 6:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	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





#49

Dimethylphthalate

Concen: 7.156 ng

RT: 14.35 min Scan# 1831

Delta R.T. -0.04 min

Lab File: BG028788.D

Acq: 16 Sep 2017 6:01

Instrument :

BNA_G

ClientSampleId :

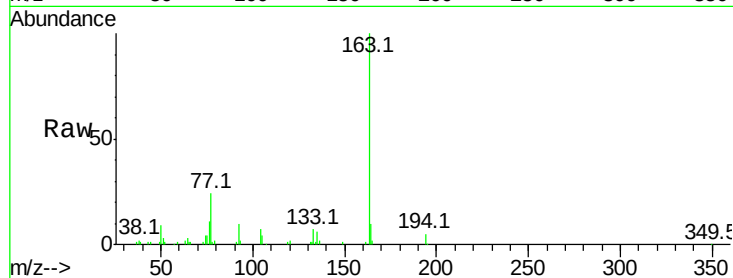
Tot Ion:163 Resp: 58311

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

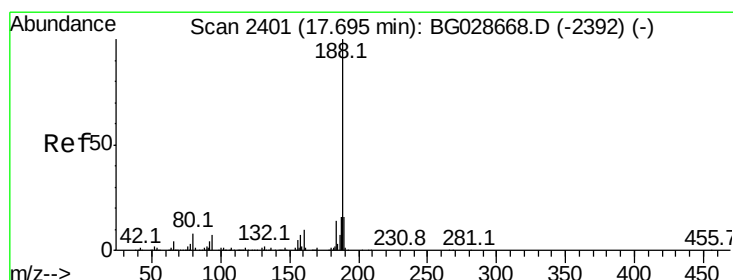
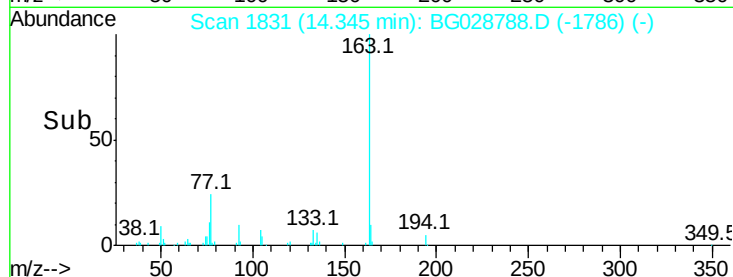
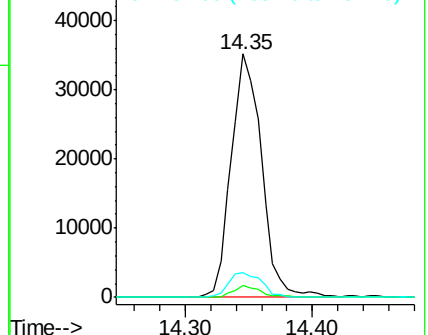
164 10.4 9.3 13.9



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: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028788.D

Acq: 16 Sep 2017 6:01

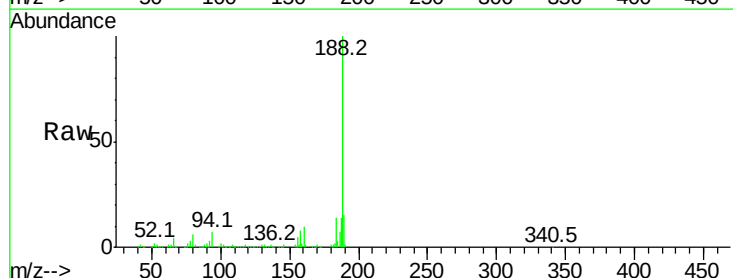
Tgt Ion:188 Resp: 262502

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.8

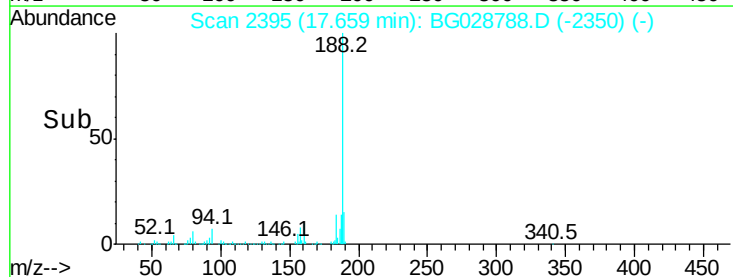
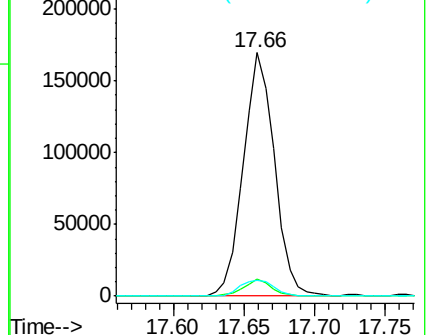
80 6.3 7.5 11.3#

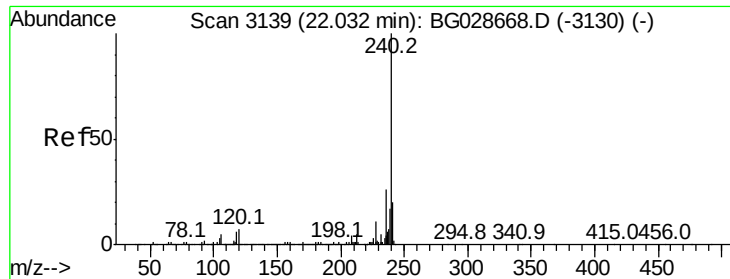


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028788.D

Acq: 16 Sep 2017 6:01

Instrument :

BNA_G

ClientSampleId :

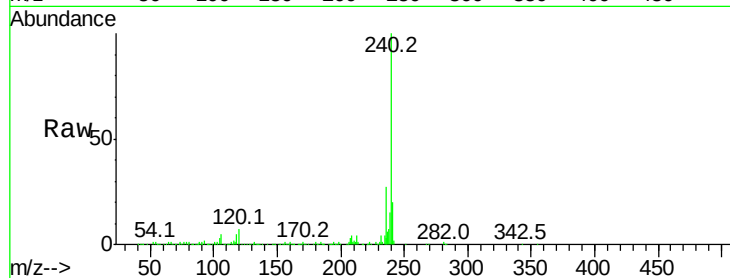
Tot Ion:240 Resp: 286839

Ion Ratio Lower Upper

240 100

120 6.8 5.7 8.5

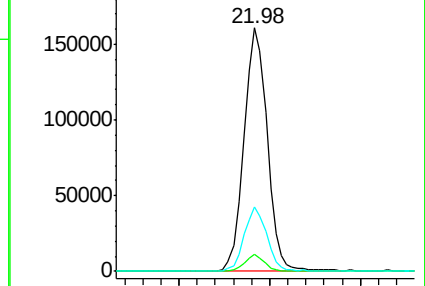
236 26.6 22.2 33.4



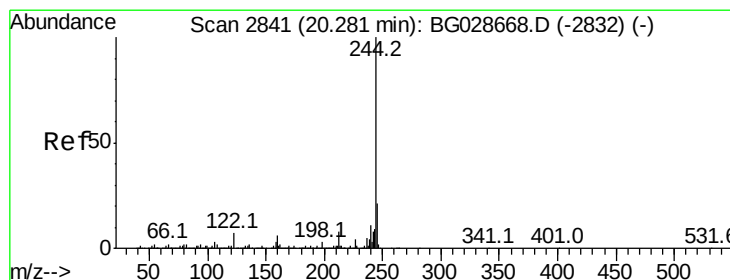
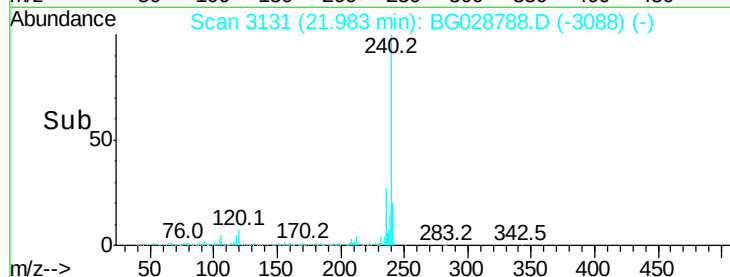
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 65.571 ng

RT: 20.25 min Scan# 2836

Delta R.T. -0.03 min

Lab File: BG028788.D

Acq: 16 Sep 2017 6:01

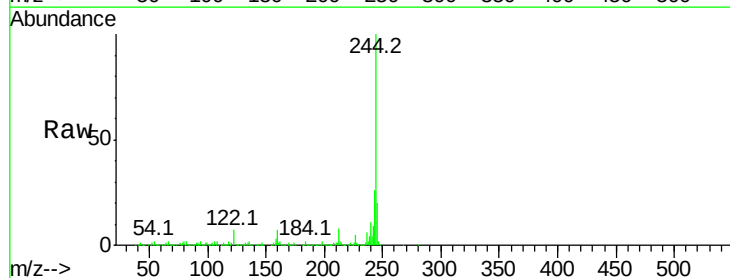
Tgt Ion:244 Resp: 881953

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

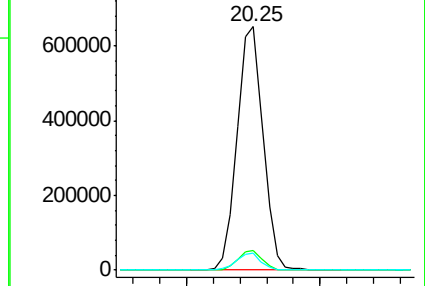
122 6.9 8.6 12.8#



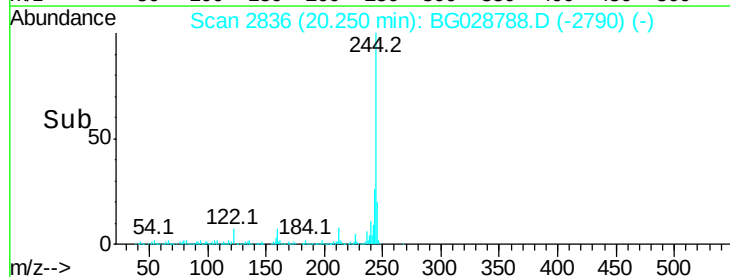
Abundance Ion 244.00 (243.70 to 244.70): E

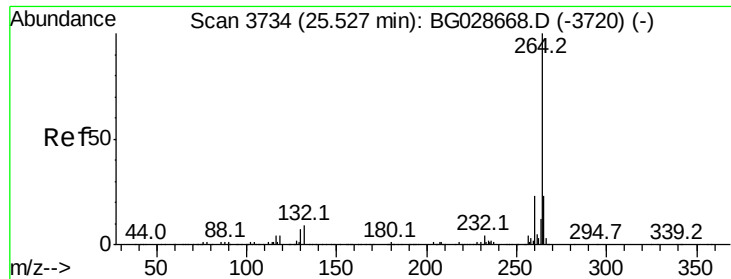
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.45 min Scan# 3721
Delta R.T. -0.08 min
Lab File: BG028788.D
Acq: 16 Sep 2017 6:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	21.8	18.2	27.4

