

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
 Data File : BG028790.D
 Acq On : 16 Sep 2017 7:21
 Operator : SJ/JU
 Sample : I5207-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170610-COMP-A

Quant Time: Sep 18 01:13:12 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

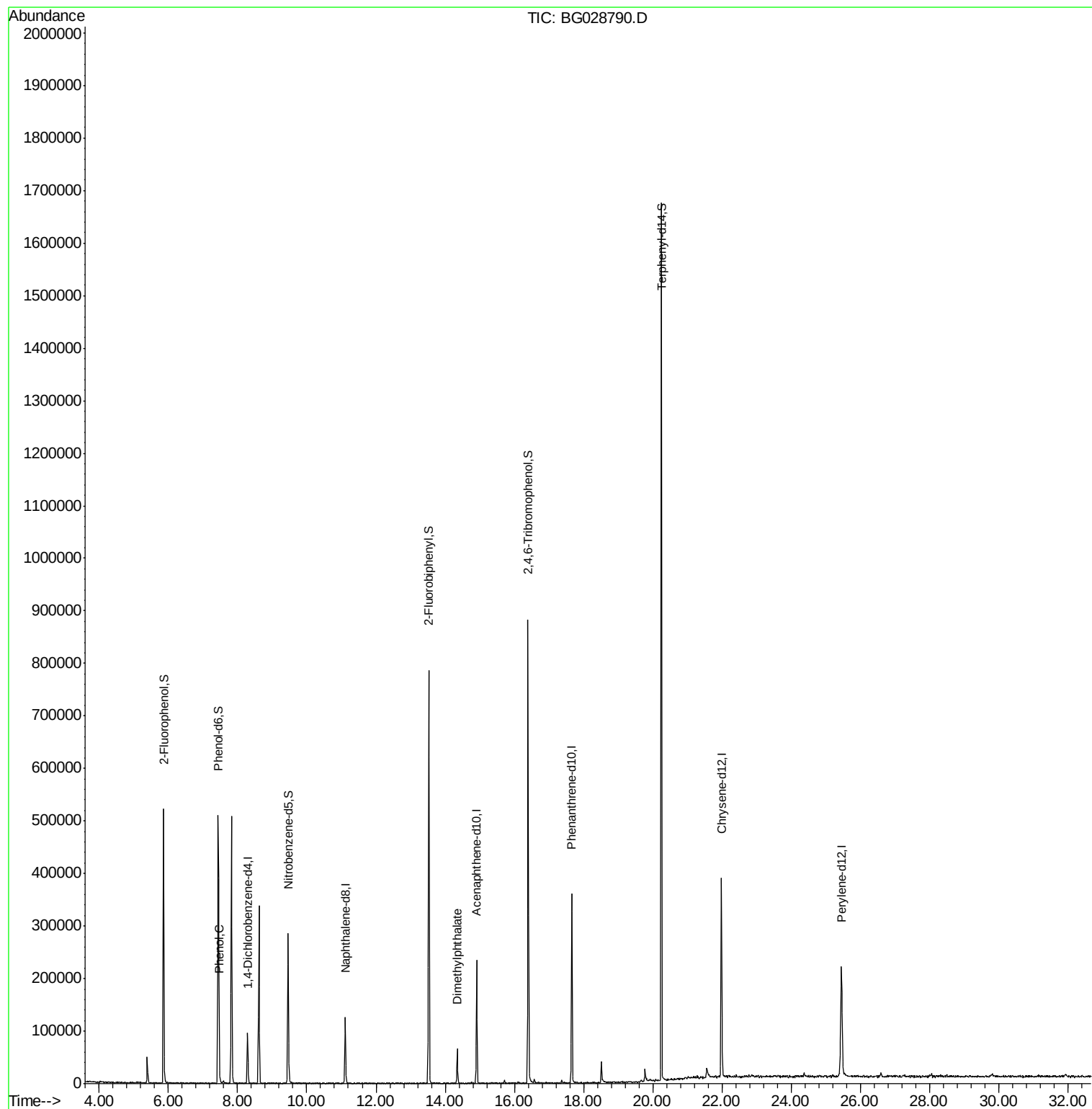
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	28312	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	109732	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	84554	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	235714	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	266852	20.00	ng	-0.05
86) Perylene-d12	25.45	264	273284	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	226423	131.96	ng	-0.04
7) Phenol-d6	7.44	99	313942	121.52	ng	-0.05
23) Nitrobenzene-d5	9.46	82	192455	83.90	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	197647	141.33	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	435011	68.60	ng	-0.04
78) Terphenyl-d14	20.25	244	794754	63.51	ng	-0.03
Target Compounds						
10) Phenol	7.47	94	8046	2.951	ng	Qvalue # 72
49) Dimethylphthalate	14.35	163	50684	7.148	ng	98

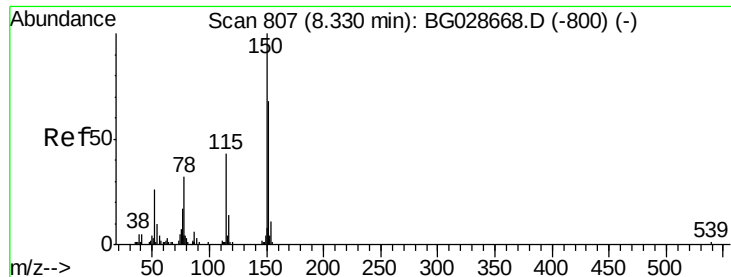
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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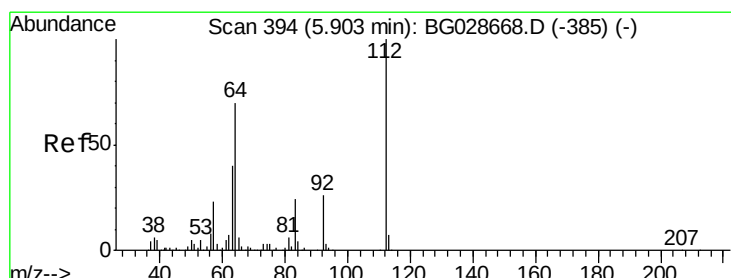
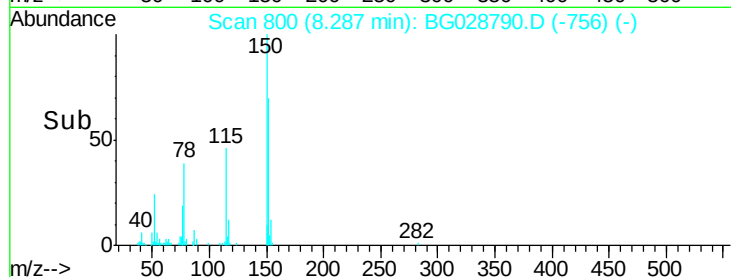
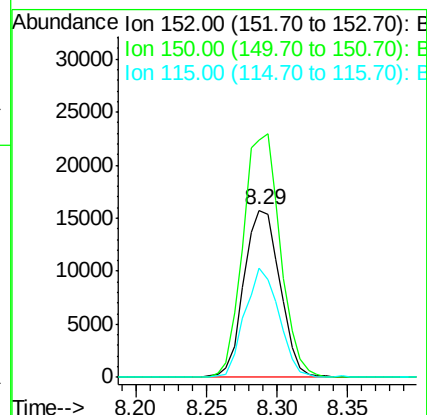
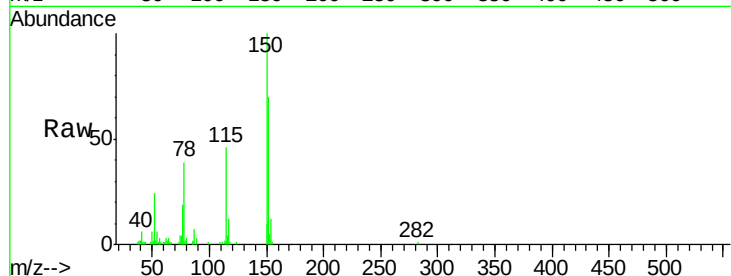


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028790.D
Acq: 16 Sep 2017 7:21

Instrument :
BNA_G
ClientSampleId :
20170610-COMP-A

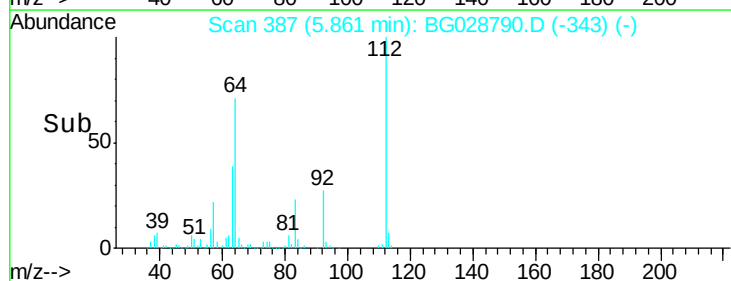
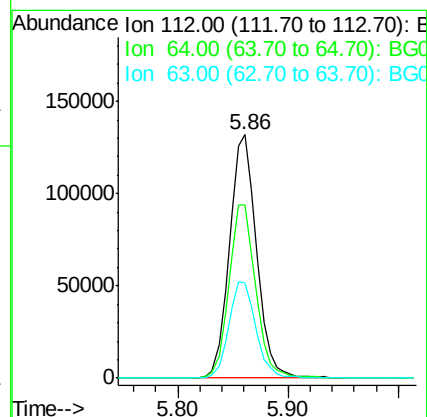
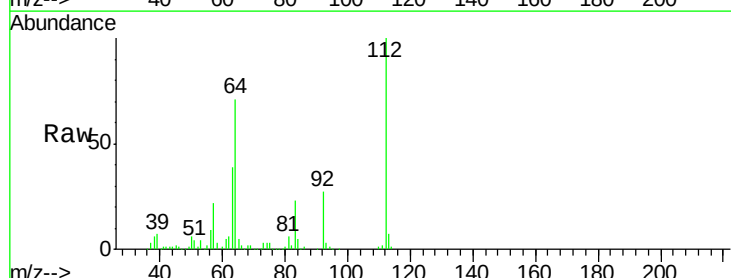
Tgt Ion:152 Resp: 28312
Ion Ratio Lower Upper
152 100
150 142.2 114.0 171.0
115 65.3 48.1 72.1

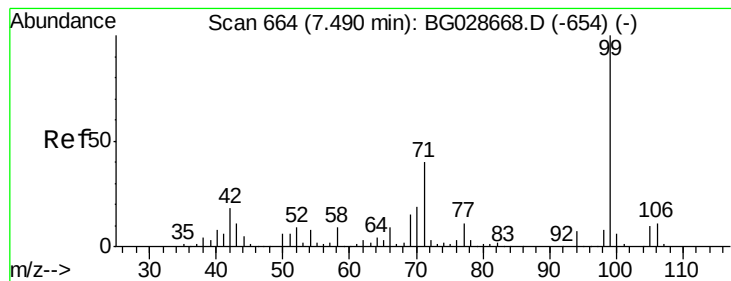


#5

2-Fluorophenol
Concen: 131.961 ng
RT: 5.86 min Scan# 387
Delta R.T. -0.04 min
Lab File: BG028790.D
Acq: 16 Sep 2017 7:21

Tgt Ion:112 Resp: 226423
Ion Ratio Lower Upper
112 100
64 71.0 61.8 92.6
63 38.9 37.2 55.8





#7

Phenol-d6

Concen: 121.523 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028790.D

Acq: 16 Sep 2017 7:21

Instrument :

BNA_G

ClientSampleId :

20170610-COMP-A

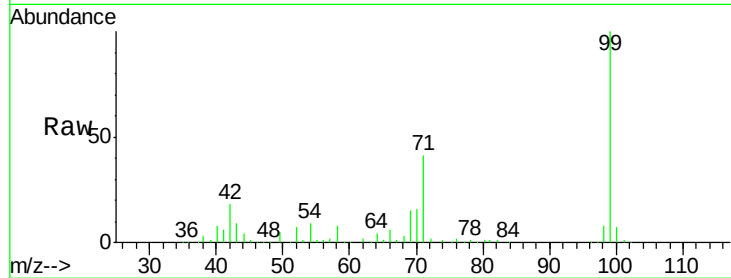
Tgt Ion: 99 Resp: 313942

Ion Ratio Lower Upper

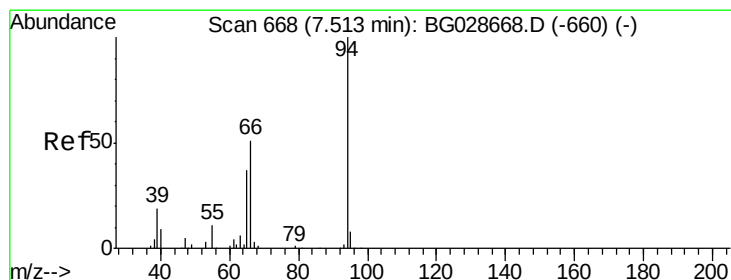
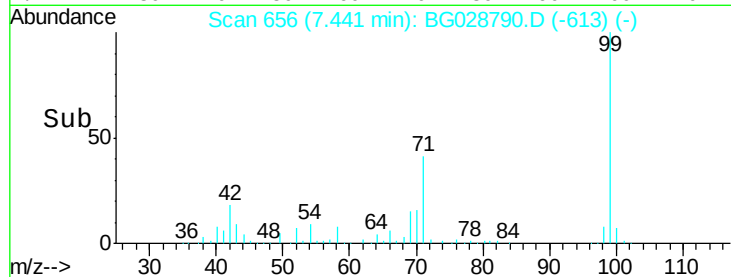
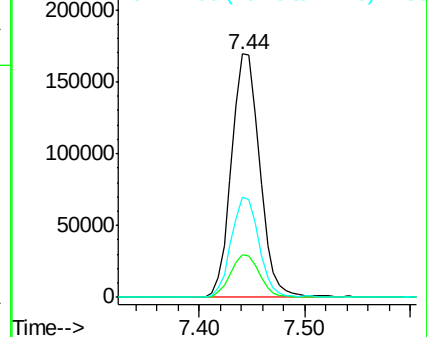
99 100

42 17.7 20.5 30.7#

71 41.0 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: 2.951 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.04 min

Lab File: BG028790.D

Acq: 16 Sep 2017 7:21

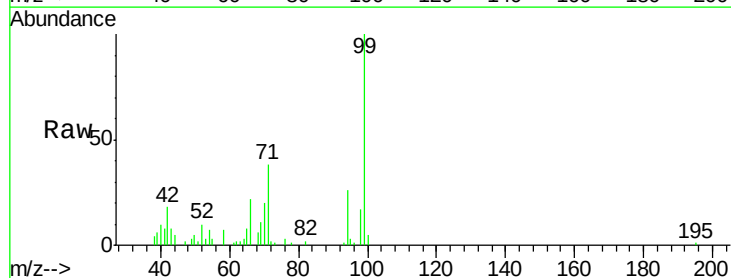
Tgt Ion: 94 Resp: 8046

Ion Ratio Lower Upper

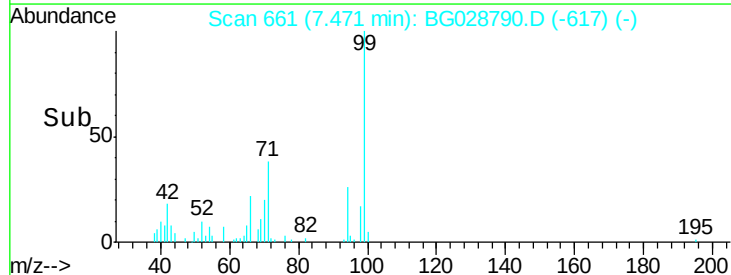
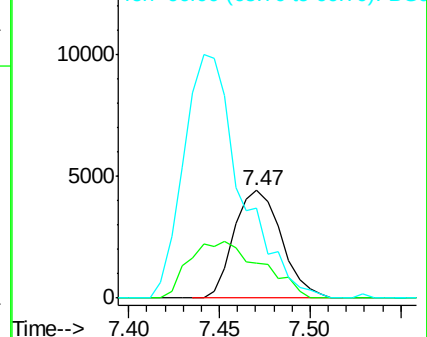
94 100

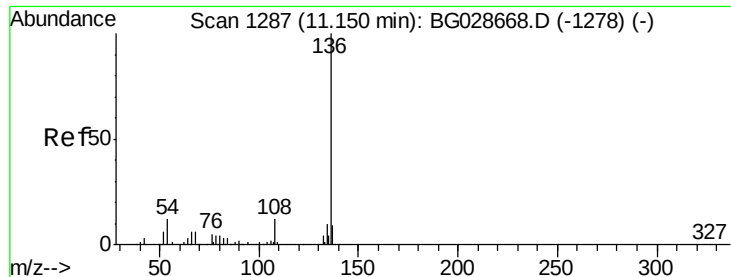
65 32.2 20.6 60.6

66 83.8 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

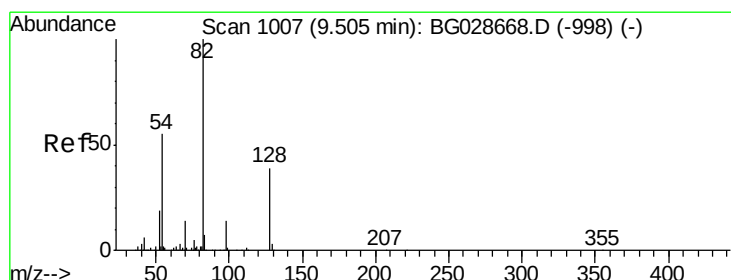
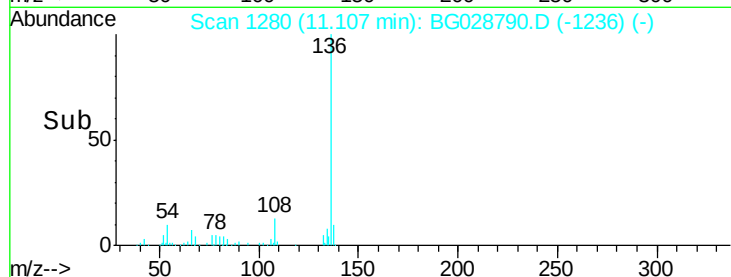
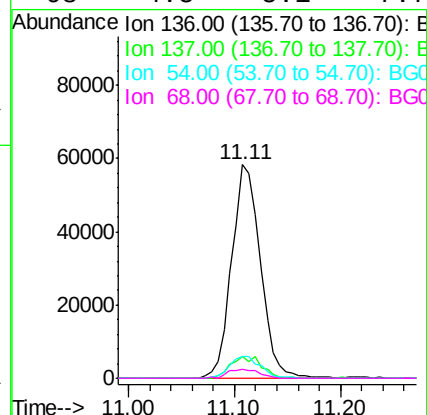
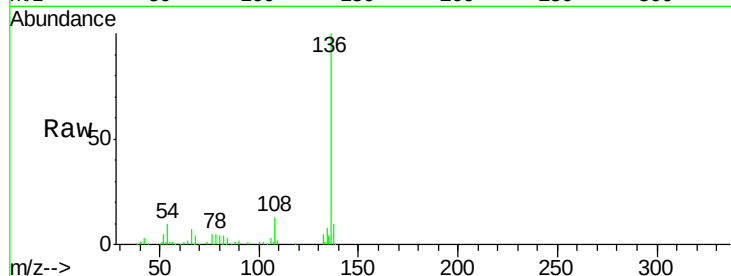




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028790.D
Acq: 16 Sep 2017 7:21

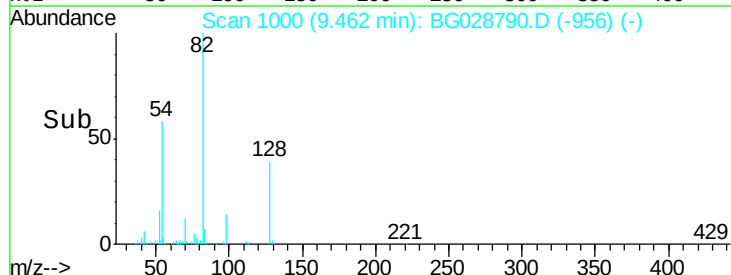
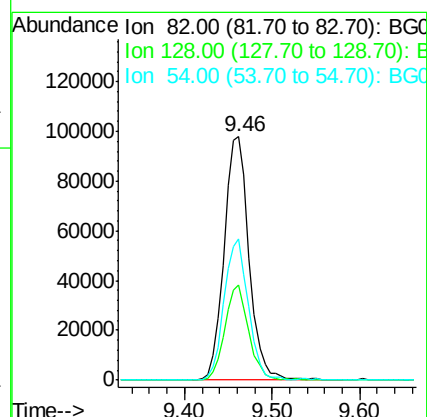
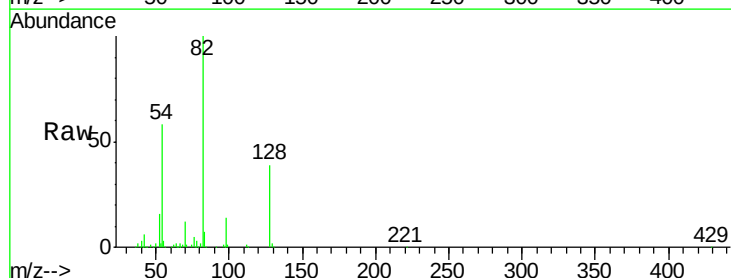
Instrument :
BNA_G
ClientSampleId :
20170610-COMP-A

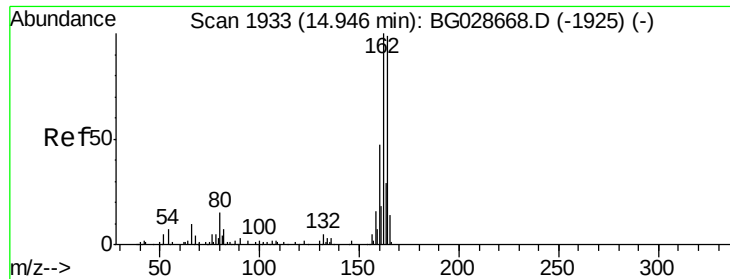
Tgt Ion:	136	Resp:	109732
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	10.1	9.3	13.9
68	4.5	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 83.900 ng
RT: 9.46 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BG028790.D
Acq: 16 Sep 2017 7:21

Tgt Ion:	82	Resp:	192455
Ion	Ratio	Lower	Upper
82	100		
128	39.1	26.4	39.6
54	58.0	49.4	74.2

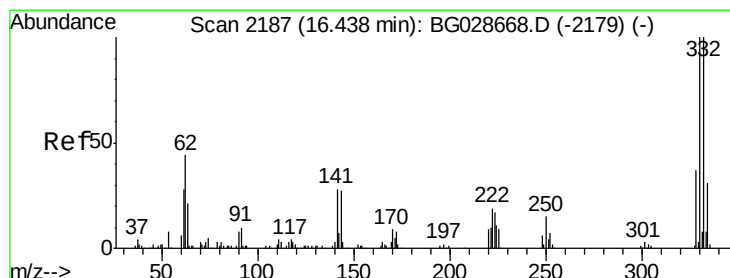
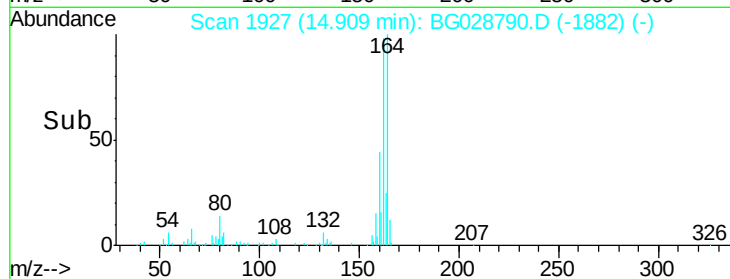
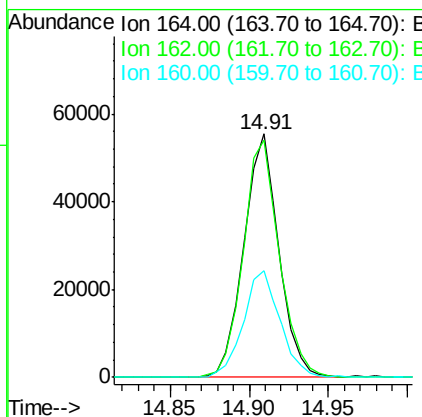
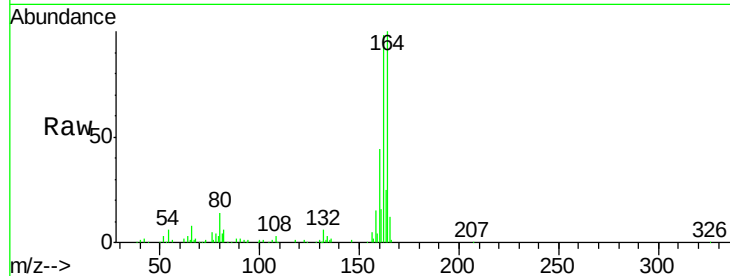




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1927
 Delta R.T. -0.04 min
 Lab File: BG028790.D
 Acq: 16 Sep 2017 7:21

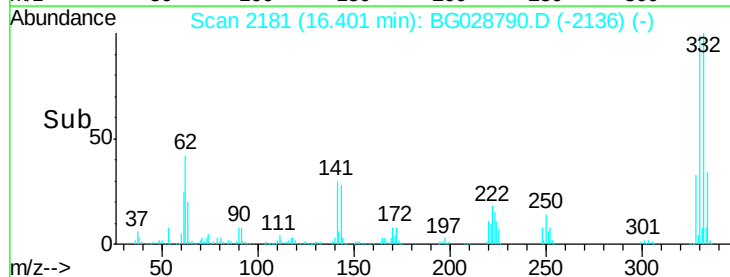
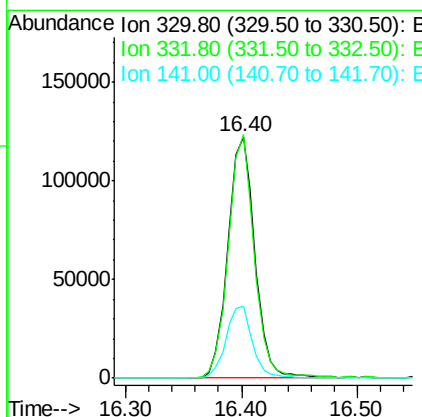
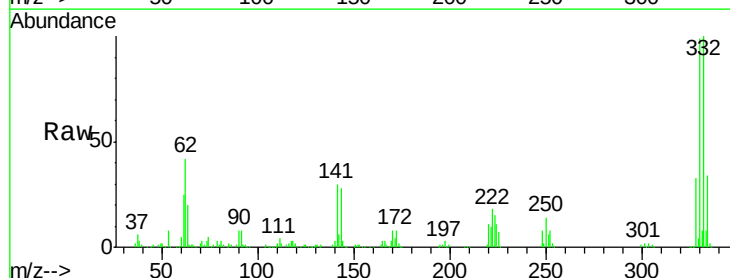
Instrument :
 BNA_G
 ClientSampleId :
 20170610-COMP-A

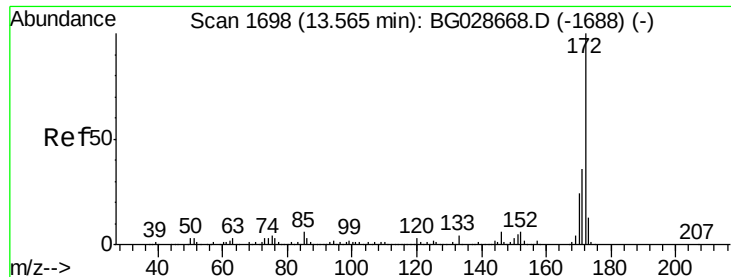
Tgt Ion:164 Resp: 84554
 Ion Ratio Lower Upper
 164 100
 162 97.7 85.1 127.7
 160 43.6 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 141.331 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028790.D
 Acq: 16 Sep 2017 7:21

Tgt Ion:330 Resp: 197647
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 29.6 32.1 48.1#

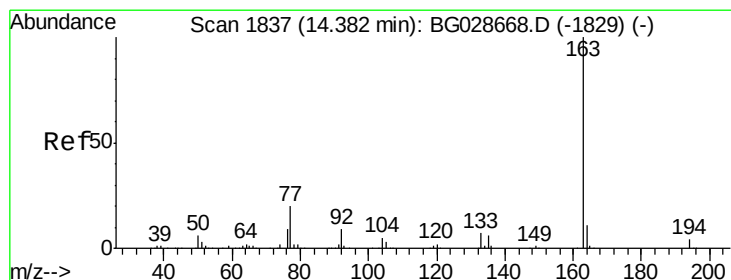
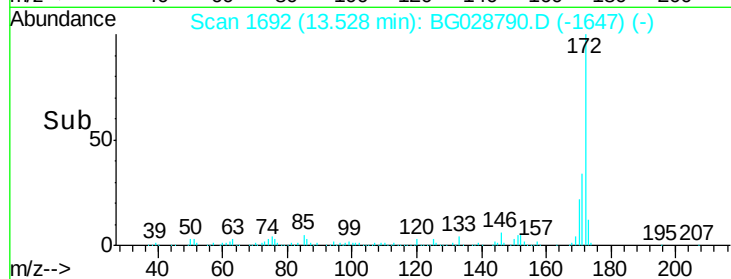
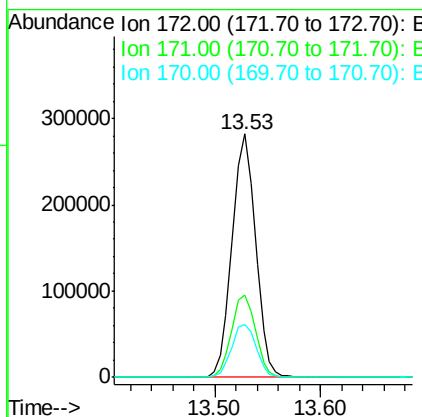
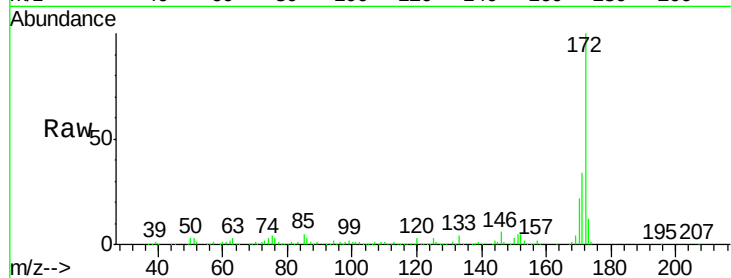




#44
2-Fluorobiphenyl
Concen: 68.602 ng
RT: 13.53 min Scan# 1692
Delta R.T. -0.04 min
Lab File: BG028790.D
Acq: 16 Sep 2017 7:21

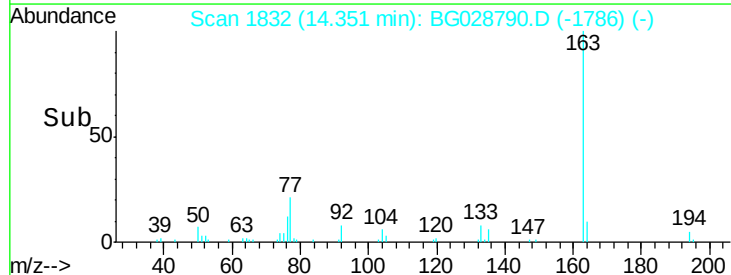
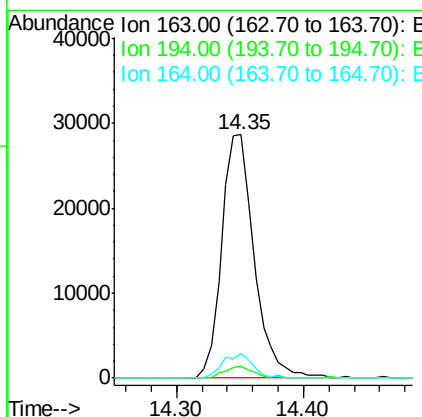
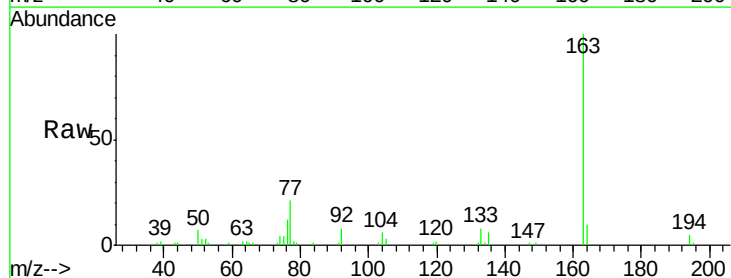
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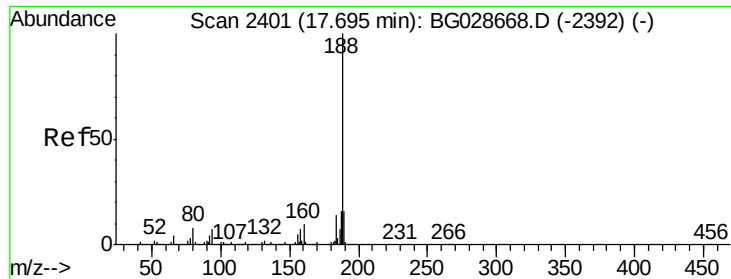
Tgt Ion:172 Resp: 435011
Ion Ratio Lower Upper
172 100
171 34.0 32.2 48.2
170 21.8 21.8 32.6



#49
Dimethylphthalate
Concen: 7.148 ng
RT: 14.35 min Scan# 1832
Delta R.T. -0.03 min
Lab File: BG028790.D
Acq: 16 Sep 2017 7:21

Tgt Ion:163 Resp: 50684
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 10.4 9.3 13.9

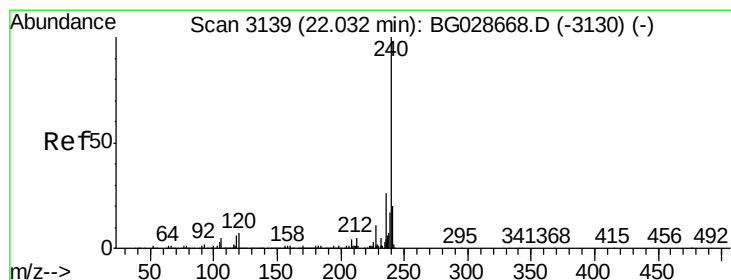
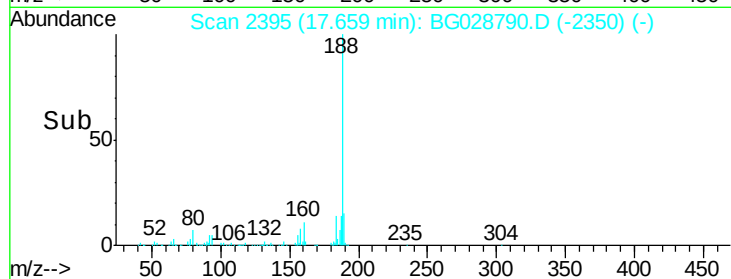
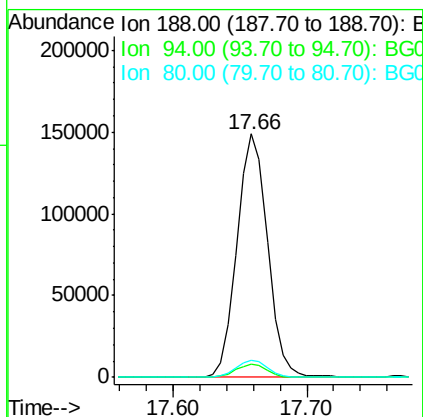
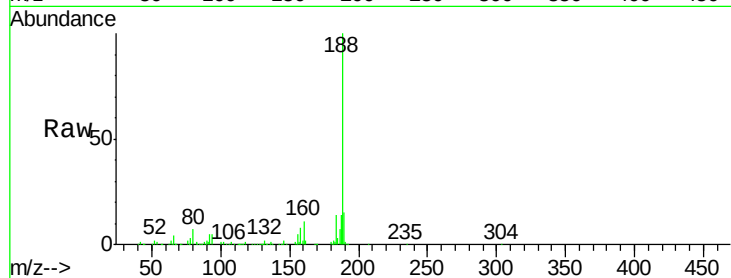




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028790.D
Acq: 16 Sep 2017 7:21

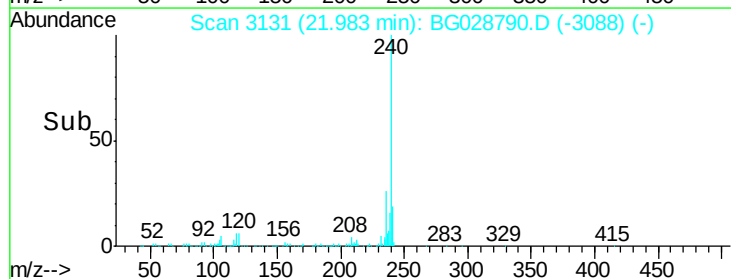
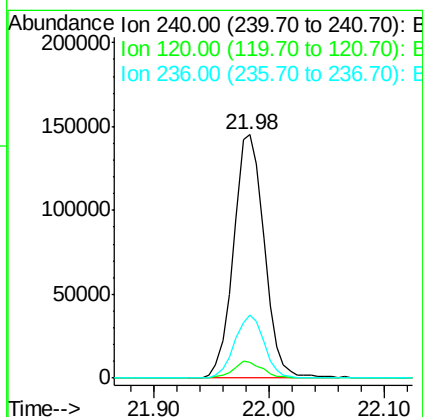
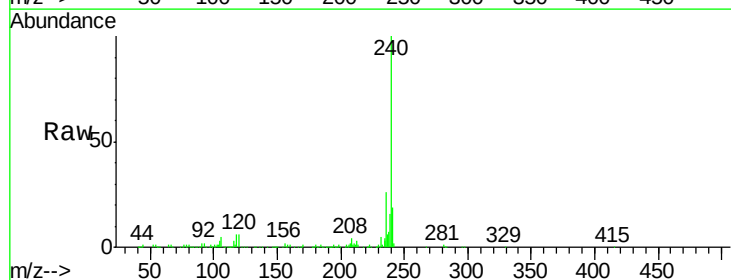
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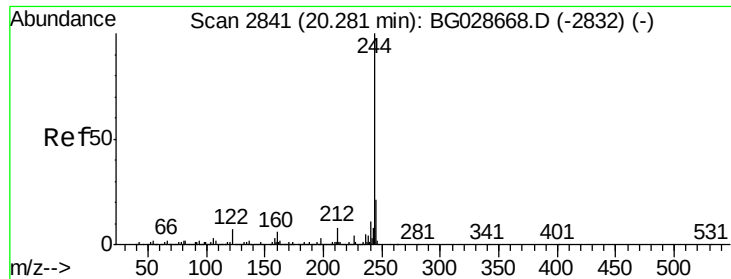
Tgt Ion:188 Resp: 235714
Ion Ratio Lower Upper
188 100
94 5.5 5.8 8.8#
80 7.1 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028790.D
Acq: 16 Sep 2017 7:21

Tgt Ion:240 Resp: 266852
Ion Ratio Lower Upper
240 100
120 6.4 5.7 8.5
236 25.9 22.2 33.4





#78

Terphenyl-d14

Concen: 63.513 ng

RT: 20.25 min Scan# 2836

Delta R.T. -0.03 min

Lab File: BG028790.D

Acq: 16 Sep 2017 7:21

Instrument :

BNA_G

ClientSampleId :

20170610-COMP-A

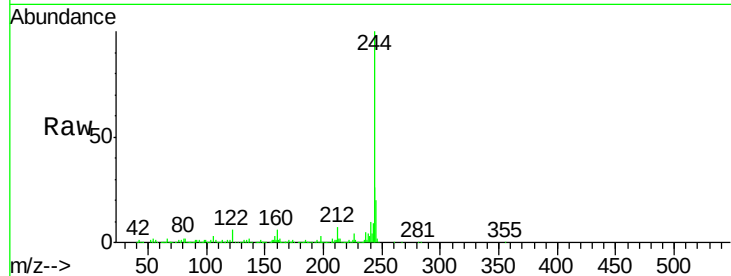
Tgt Ion:244 Resp: 794754

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

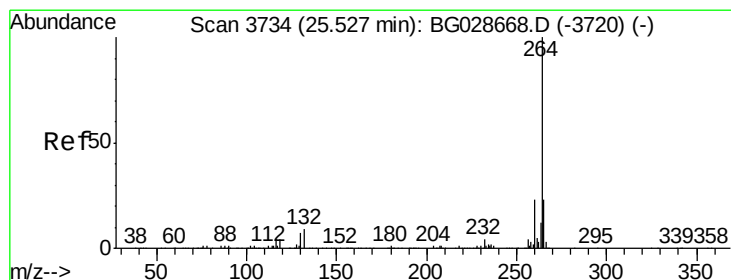
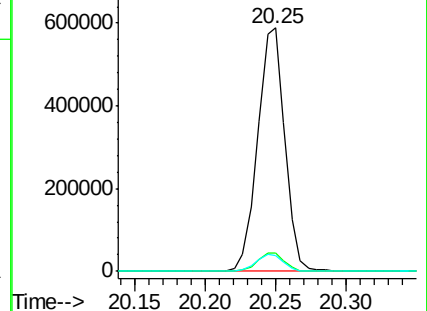
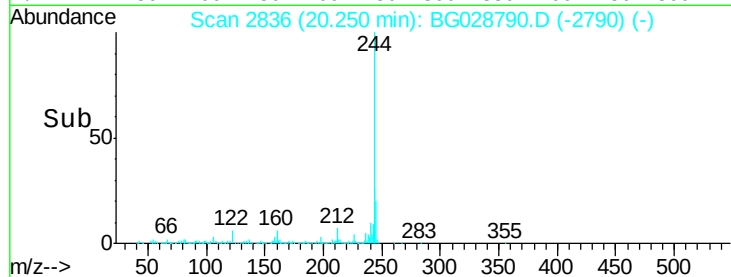
122 6.4 8.6 12.8#



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: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028790.D

Acq: 16 Sep 2017 7:21

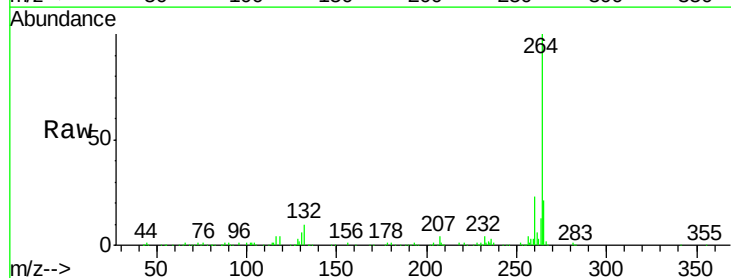
Tgt Ion:264 Resp: 273284

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 21.1 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

