

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028825.D
 Acq On : 20 Sep 2017 10:40
 Operator : SJ/JU
 Sample : PB102386TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 21 01:21:30 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

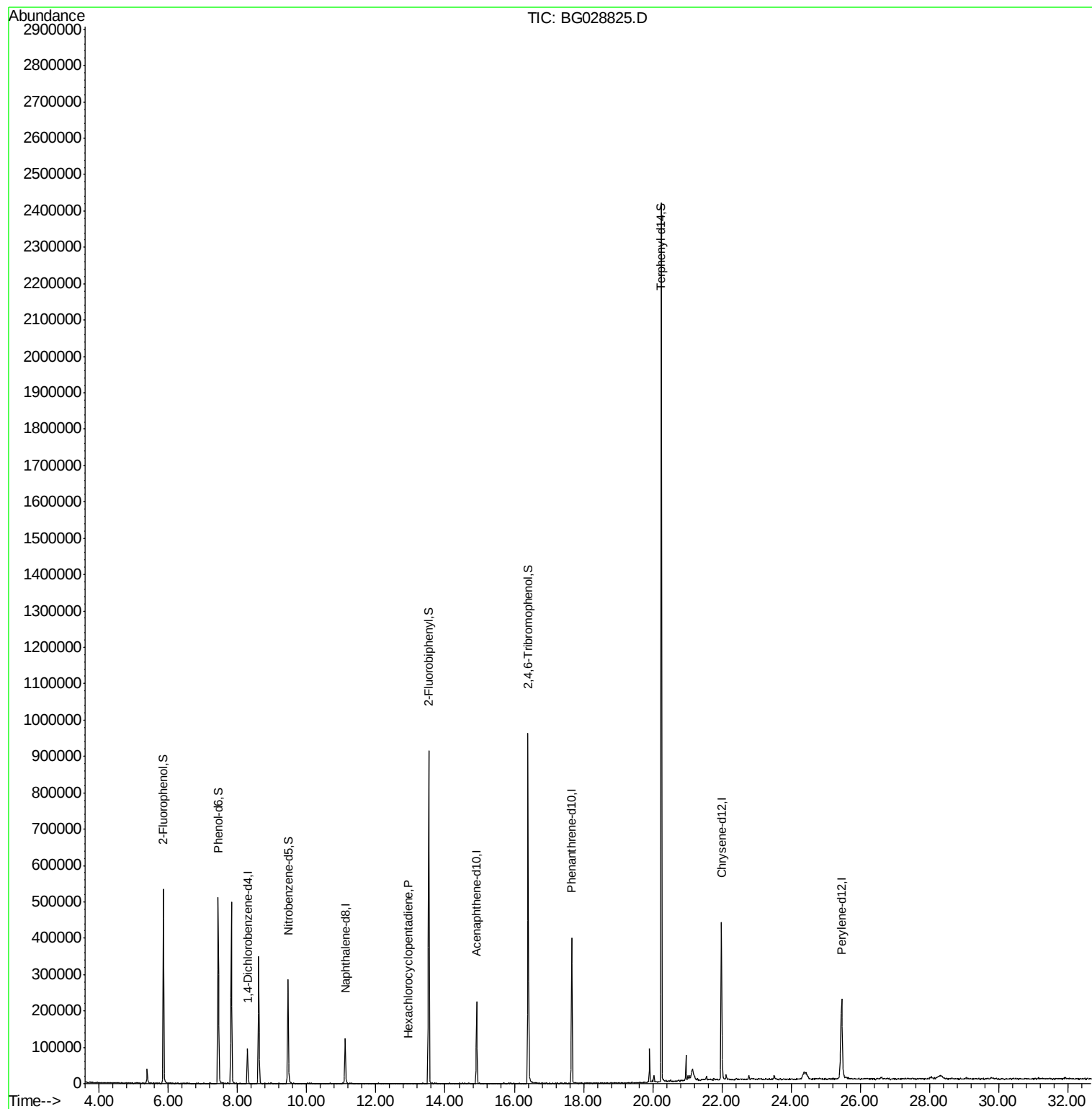
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	27397	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	108912	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	87425	20.00	ng	-0.03
63) Phenanthrene-d10	17.66	188	271495	20.00	ng	-0.03
75) Chrysene-d12	21.99	240	300108	20.00	ng	-0.05
86) Perylene-d12	25.46	264	305369	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	224037	134.93	ng	-0.05
7) Phenol-d6	7.44	99	302755	121.11	ng	-0.05
23) Nitrobenzene-d5	9.46	82	186387	81.87	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	210934	145.88	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	526562	80.31	ng	-0.03
78) Terphenyl-d14	20.25	244	1168702	83.05	ng	-0.03
Target Compounds						
40) Hexachlorocyclopentadiene	12.94	237	56	7.64	ng	Qvalue # 29

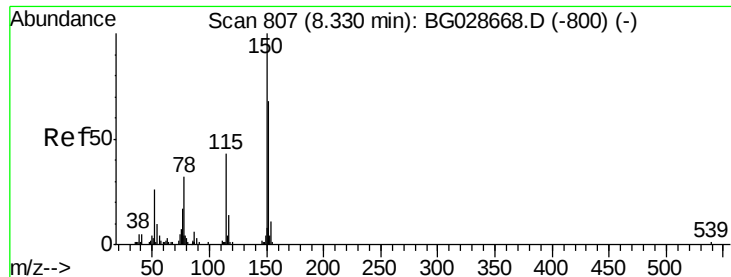
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028825.D

Acq: 20 Sep 2017 10:40

Instrument :

BNA_G

ClientSampleId :

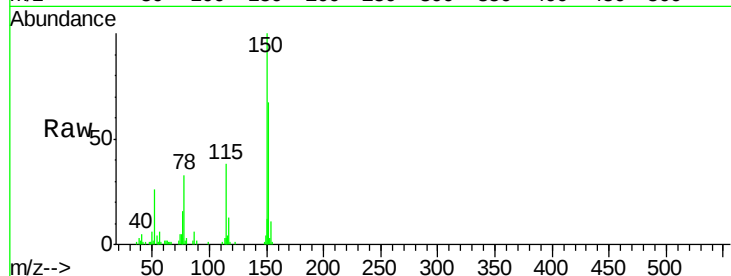
Tot Ion:152 Resp: 27397

Ion Ratio Lower Upper

152 100

150 149.2 114.0 171.0

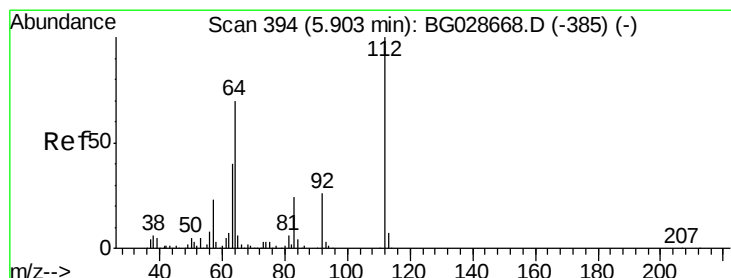
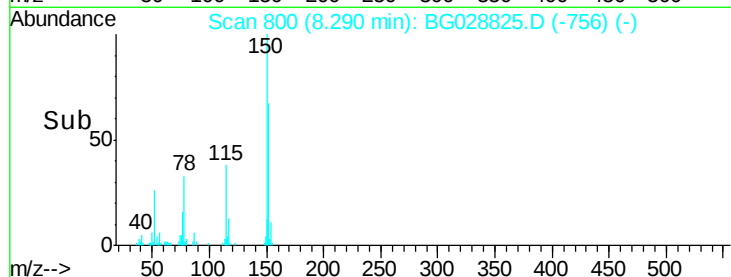
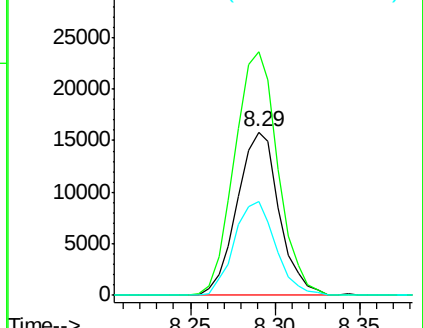
115 57.2 48.1 72.1



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: 134.93 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028825.D

Acq: 20 Sep 2017 10:40

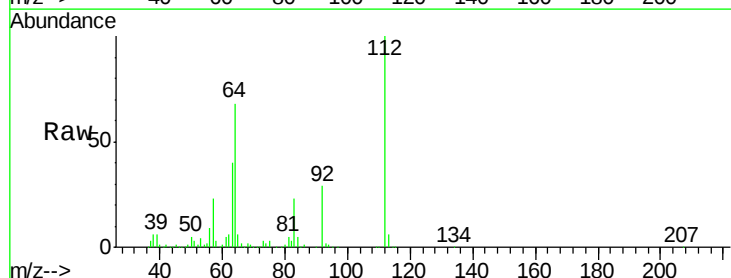
Tgt Ion:112 Resp: 224037

Ion Ratio Lower Upper

112 100

64 68.0 61.8 92.6

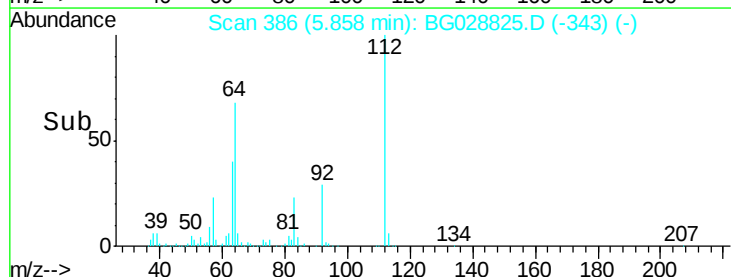
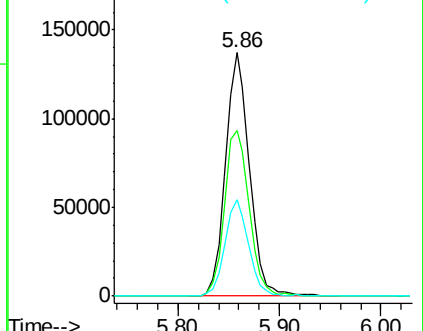
63 39.6 37.2 55.8

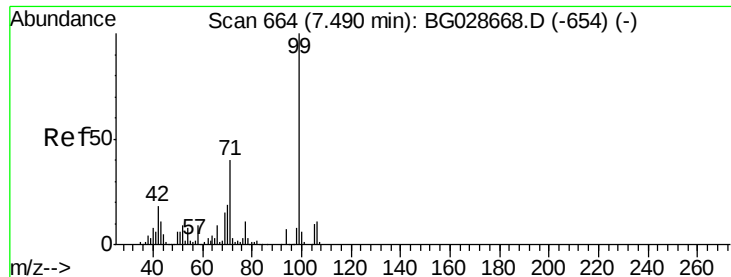


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.11 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028825.D

Acq: 20 Sep 2017 10:40

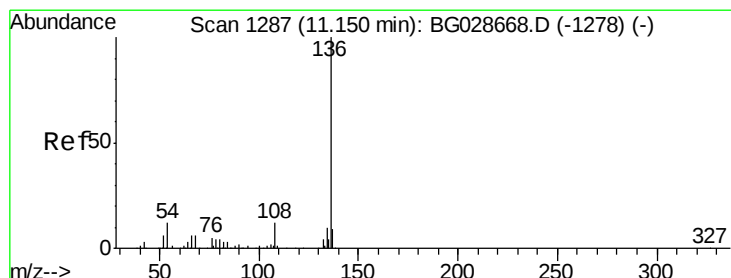
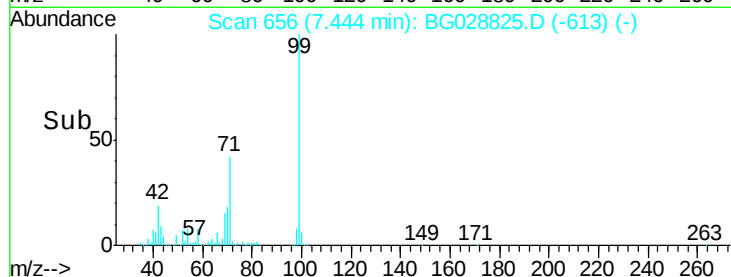
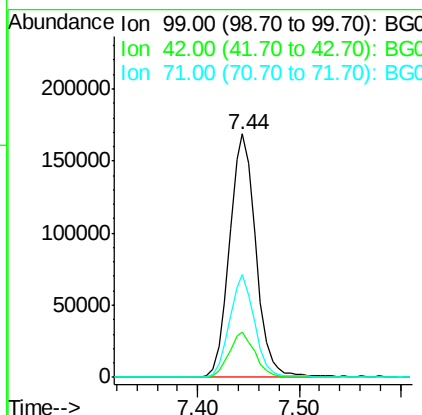
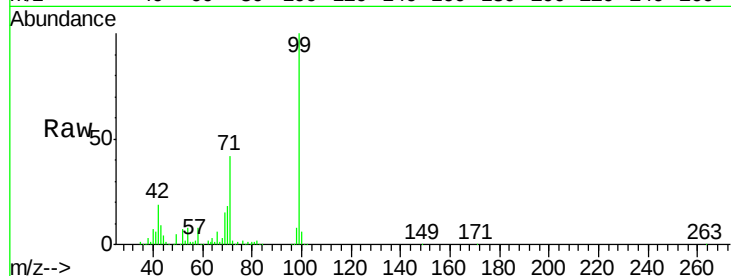
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 302755

Ion	Ratio	Lower	Upper
99	100		
42	18.8	20.5	30.7#
71	42.1	37.6	56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.11 min Scan# 1280

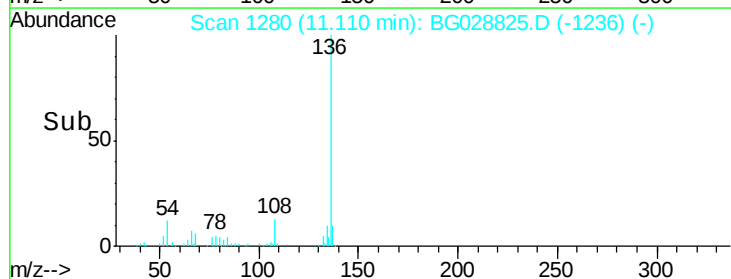
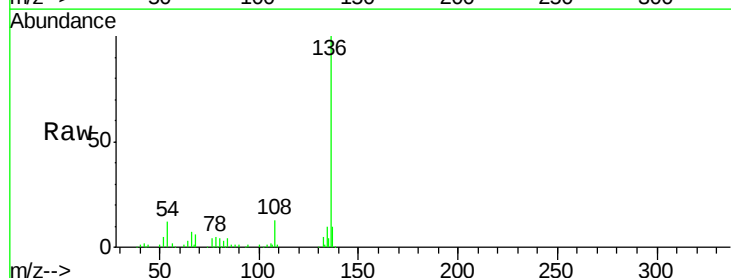
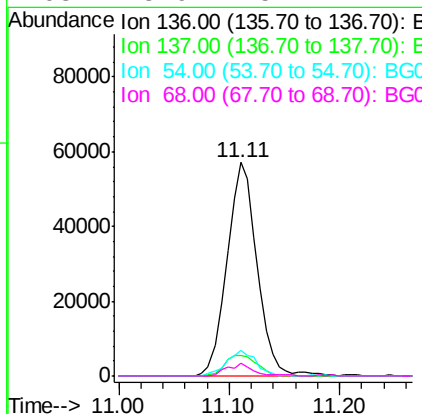
Delta R.T. -0.04 min

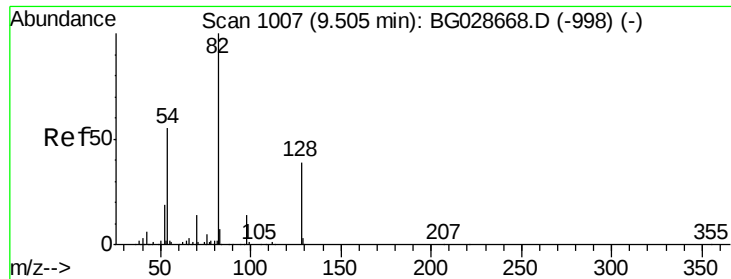
Lab File: BG028825.D

Acq: 20 Sep 2017 10:40

Tgt Ion: 136 Resp: 108912

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.9	13.3
54	12.3	9.3	13.9
68	5.9	5.1	7.7

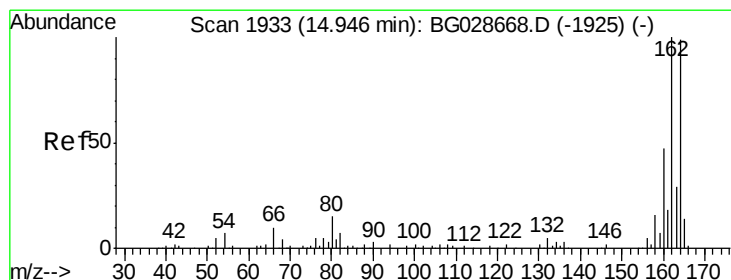
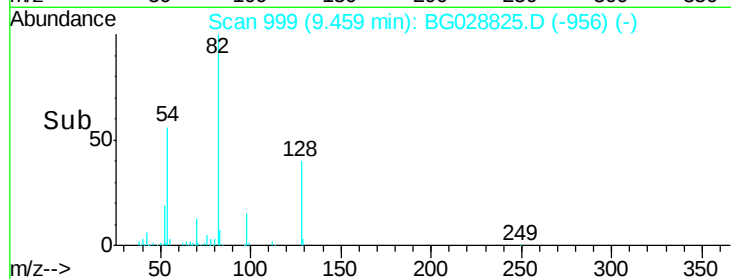
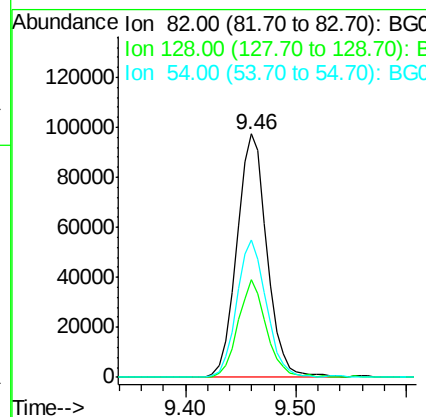
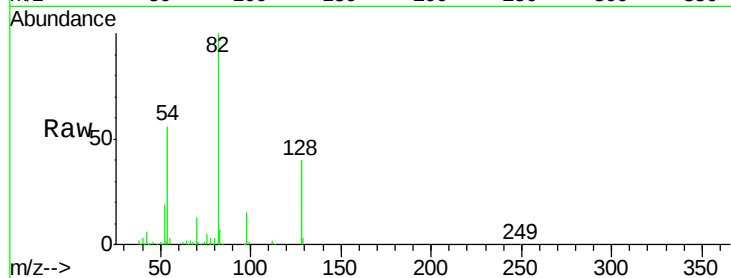




#23
Nitrobenzene-d5
Concen: 81.87 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028825.D
Acq: 20 Sep 2017 10:40

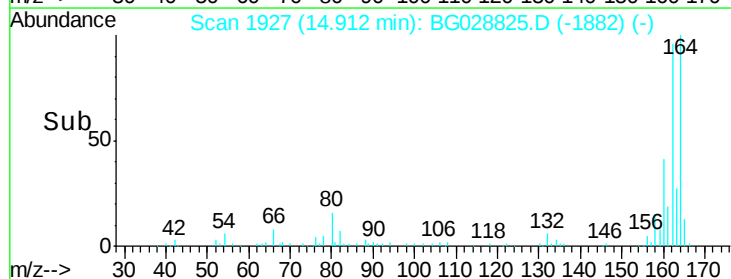
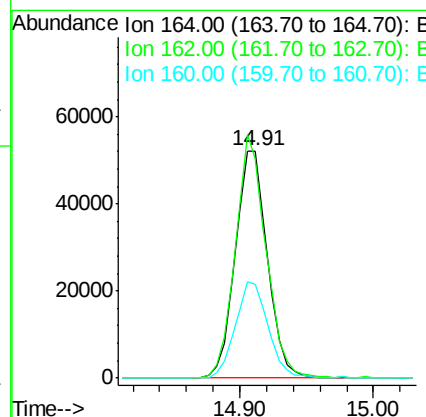
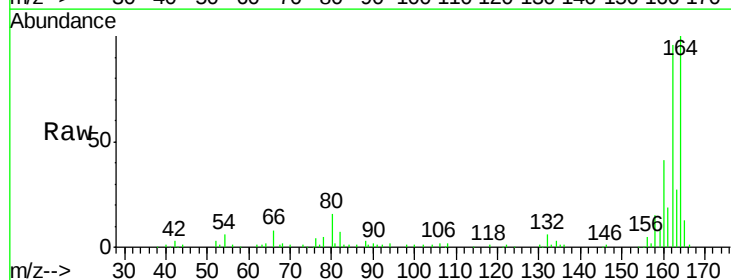
Instrument :
BNA_G
ClientSampleId :

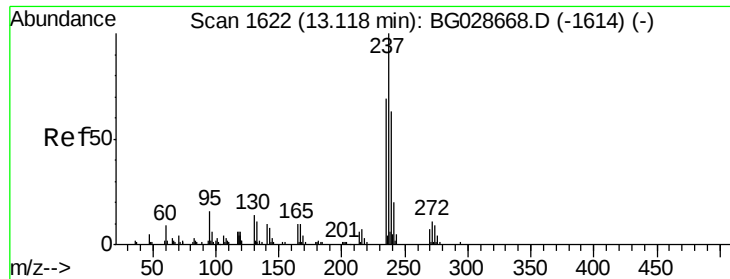
Tot Ion: 82 Resp: 186387
Ion Ratio Lower Upper
82 100
128 40.0 26.4 39.6#
54 56.3 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.03 min
Lab File: BG028825.D
Acq: 20 Sep 2017 10:40

Tgt Ion:164 Resp: 87425
Ion Ratio Lower Upper
164 100
162 96.2 85.1 127.7
160 41.3 34.7 52.1

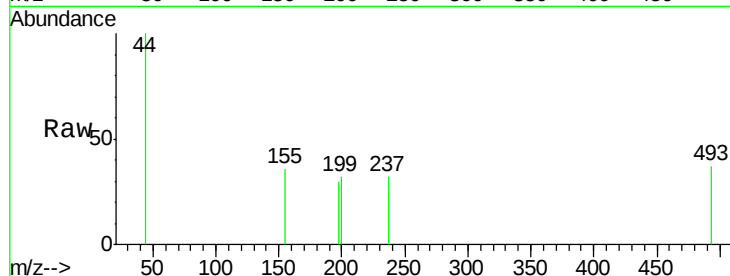




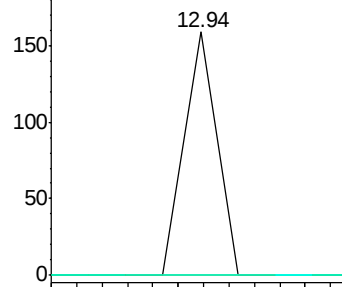
#40
Hexachlorocyclopentadiene
Concen: 7.64 ng
RT: 12.94 min Scan# 1592
Delta R.T. -0.17 min
Lab File: BG028825.D
Acq: 20 Sep 2017 10:40

Instrument :
BNA_G
ClientSampled :

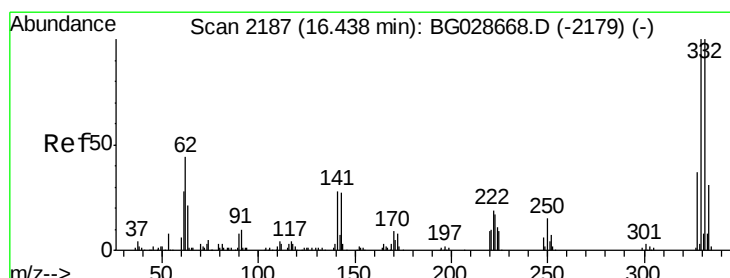
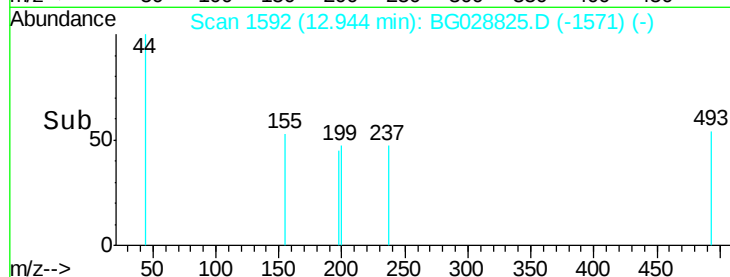
Tot Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



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

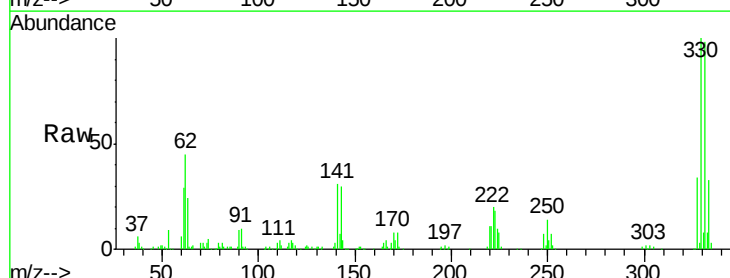


Time--> 12.92 12.94 12.96

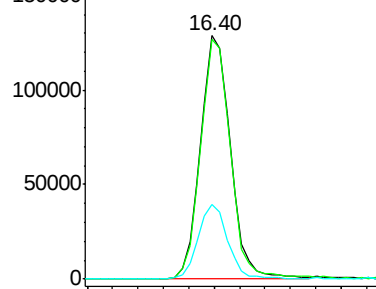


#41
2,4,6-Tribromophenol
Concen: 145.88 ng
RT: 16.40 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BG028825.D
Acq: 20 Sep 2017 10:40

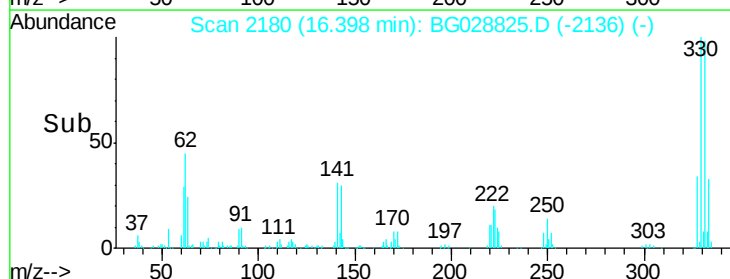
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.3	115.9
141	30.3	32.1	48.1#

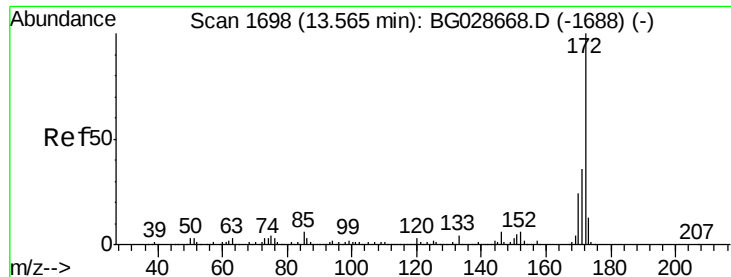


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time--> 16.30 16.40 16.50

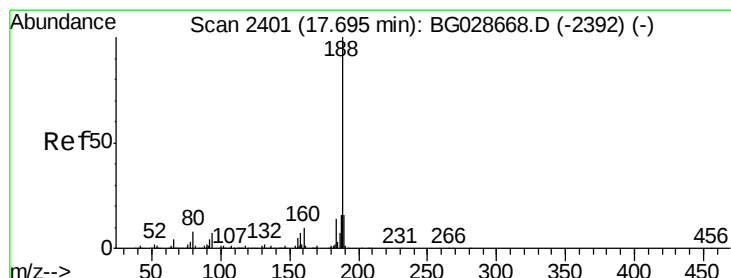
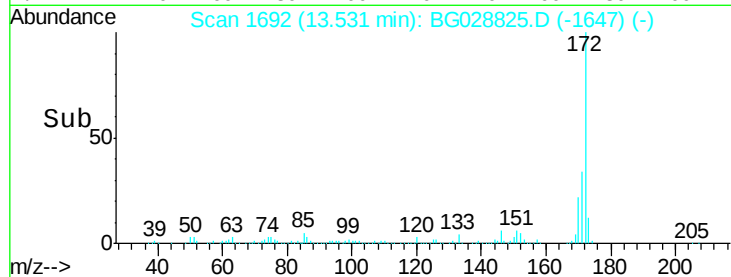
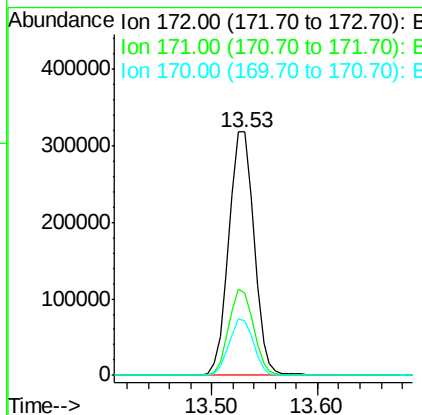
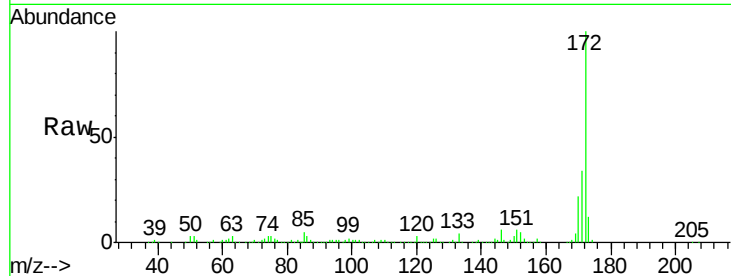




#44
 2-Fluorobiphenyl
 Concen: 80.31 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.03 min
 Lab File: BG028825.D
 Acq: 20 Sep 2017 10:40

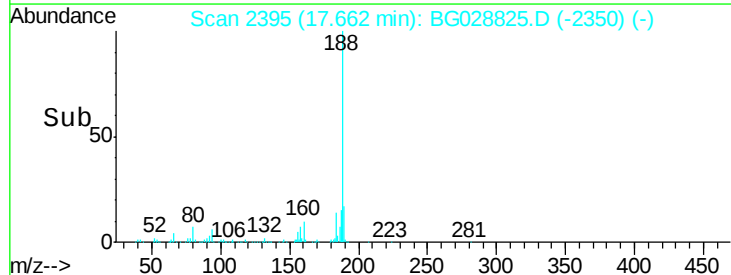
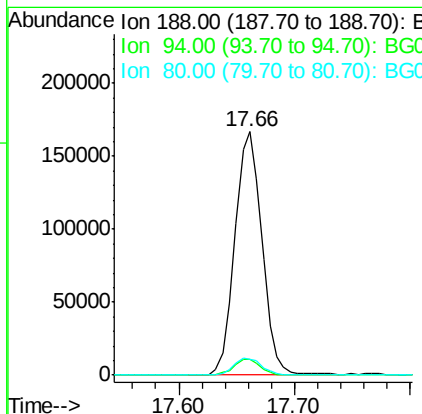
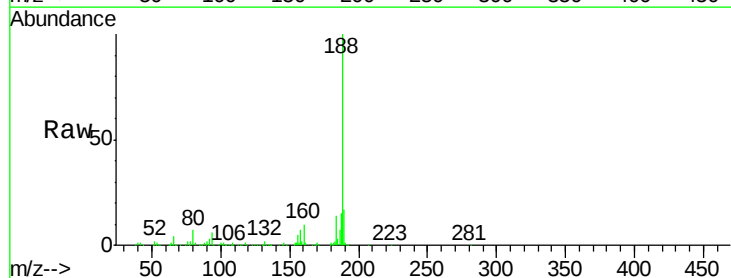
Instrument :
 BNA_G
 ClientSampleId :

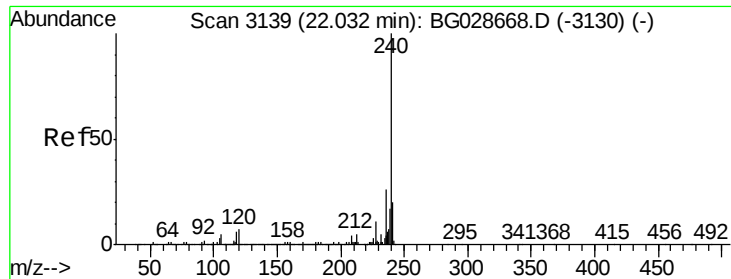
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	32.2	48.2
170	22.3	21.8	32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.66 min Scan# 2395
 Delta R.T. -0.03 min
 Lab File: BG028825.D
 Acq: 20 Sep 2017 10:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.8	8.8
80	6.6	7.5	11.3#





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.99 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028825.D

Acq: 20 Sep 2017 10:40

Instrument :

BNA_G

ClientSampleId :

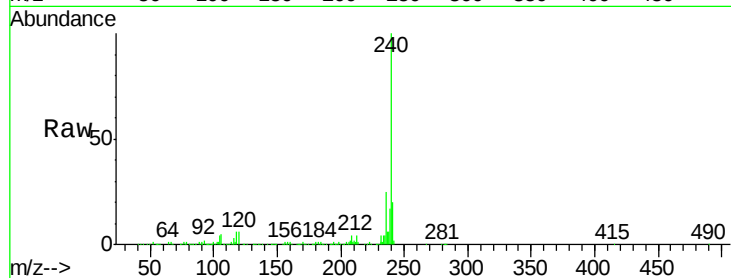
Tot Ion:240 Resp: 300108

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

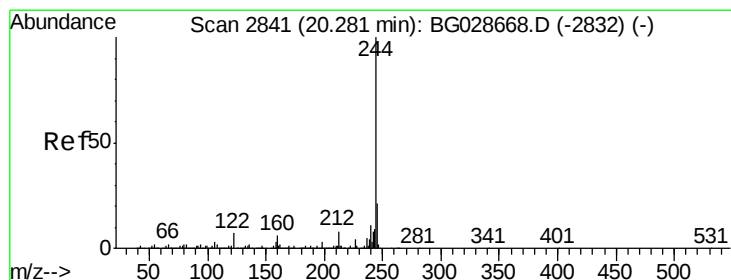
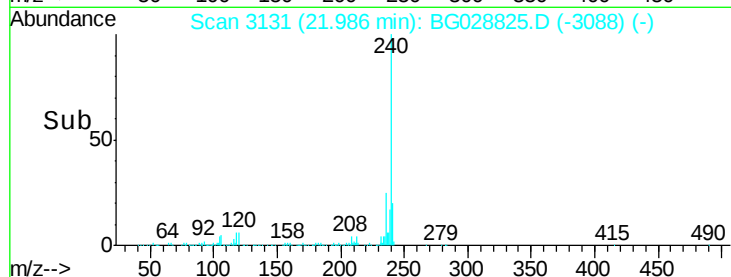
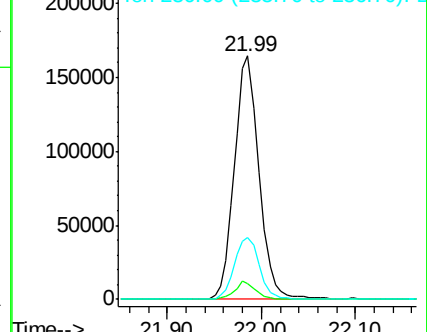
236 25.2 22.2 33.4



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: 83.05 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028825.D

Acq: 20 Sep 2017 10:40

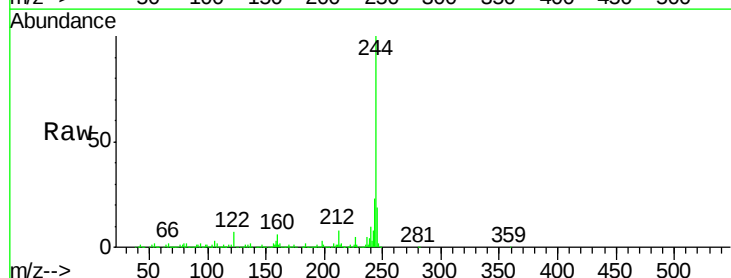
Tgt Ion:244 Resp: 1168702

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

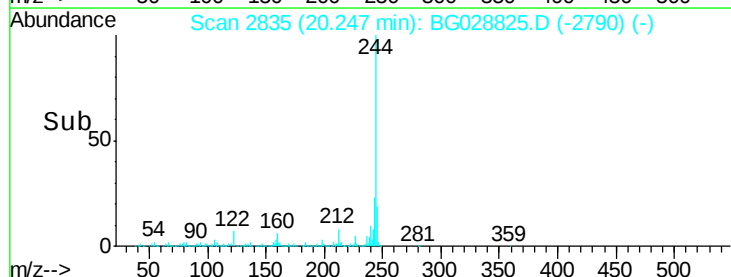
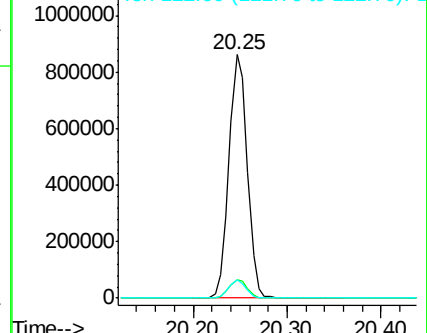
122 7.4 8.6 12.8#

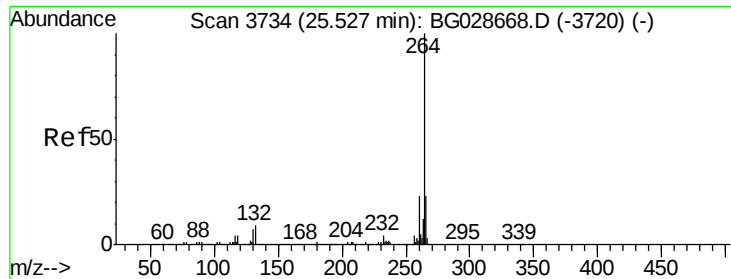


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.46 min Scan# 3722
Delta R.T. -0.07 min
Lab File: BG028825.D
Acq: 20 Sep 2017 10:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	21.8	32.8#
265	21.5	18.2	27.4

