

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028836.D
 Acq On : 20 Sep 2017 17:54
 Operator : SJ/JU
 Sample : PB102470BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 21 01:26:12 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

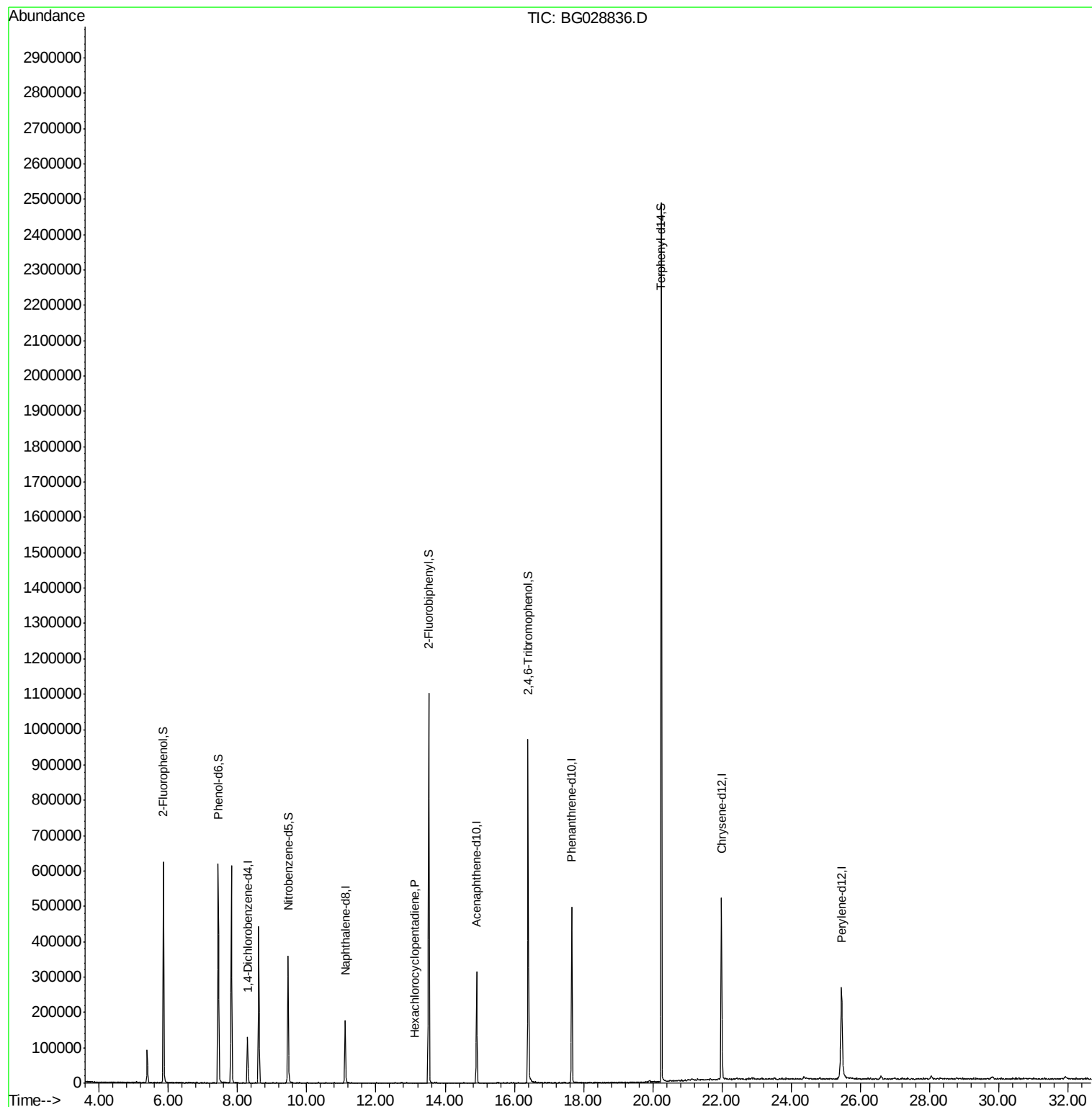
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	36765	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	153154	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	115265	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	326002	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	361815	20.00	ng	-0.05
86) Perylene-d12	25.45	264	363102	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	275853	123.81	ng	-0.05
7) Phenol-d6	7.44	99	369941	110.28	ng	-0.05
23) Nitrobenzene-d5	9.46	82	231787	72.40	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	220451	115.64	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	628732	72.73	ng	-0.04
78) Terphenyl-d14	20.24	244	1235438	72.82	ng	-0.04
Target Compounds						
40) Hexachlorocyclopentadiene	13.12	237	55	7.63	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

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Instrument :

BNA_G

ClientSampleId :

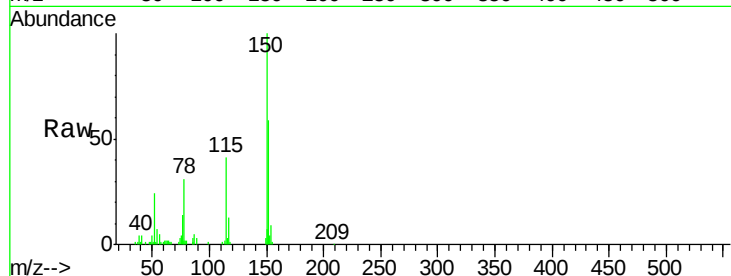
Tot Ion:152 Resp: 36765

Ion Ratio Lower Upper

152 100

150 169.0 114.0 171.0

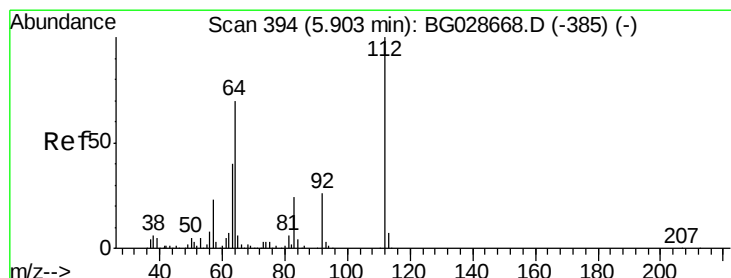
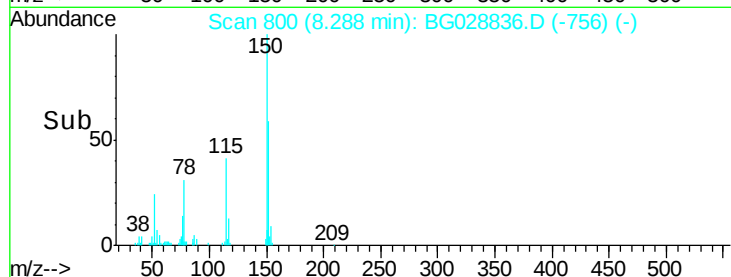
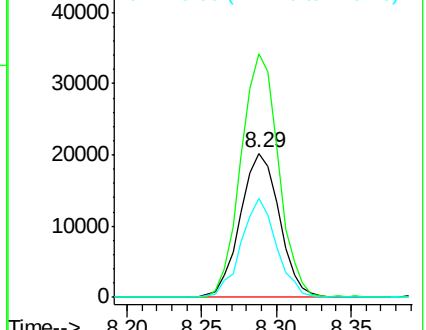
115 68.9 48.1 72.1



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: 123.81 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028836.D

Acq: 20 Sep 2017 17:54

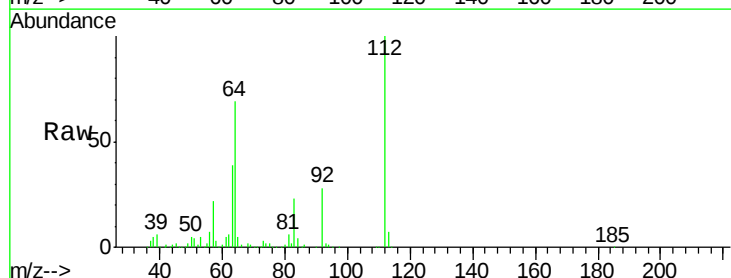
Tgt Ion:112 Resp: 275853

Ion Ratio Lower Upper

112 100

64 69.3 61.8 92.6

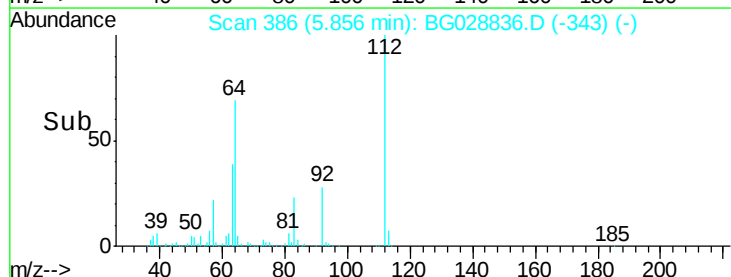
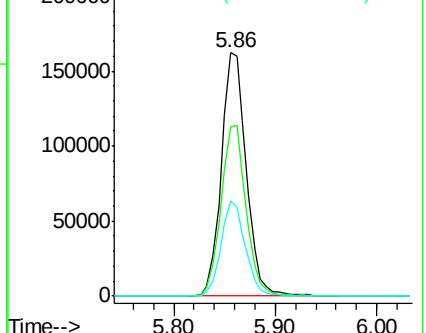
63 39.3 37.2 55.8

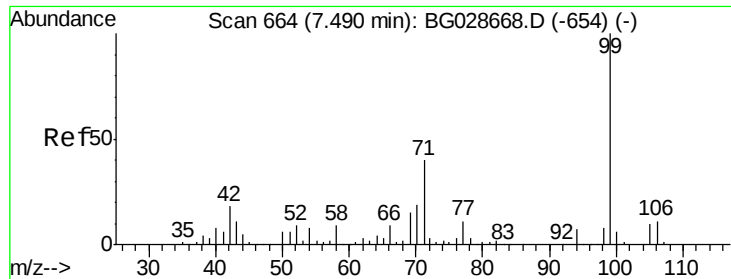


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 110.28 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028836.D

Acq: 20 Sep 2017 17:54

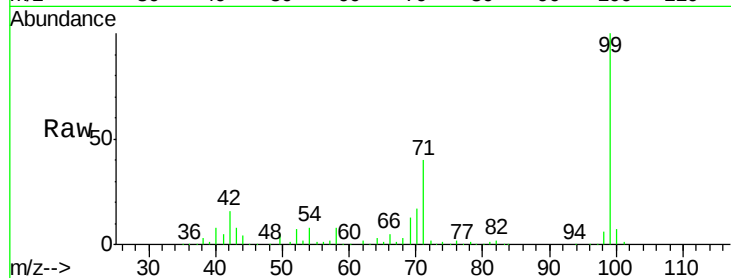
Instrument :

BNA_G

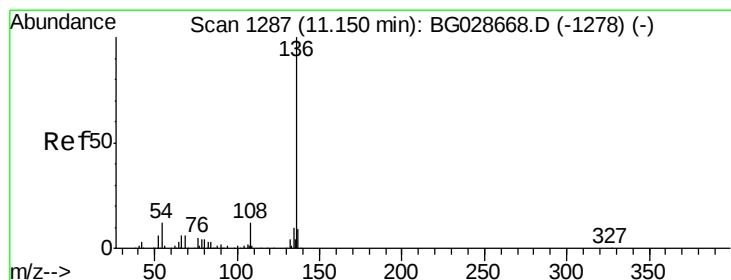
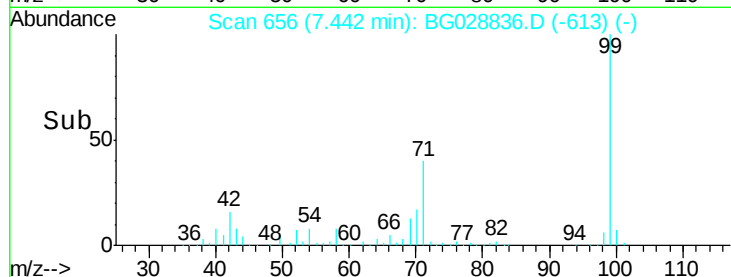
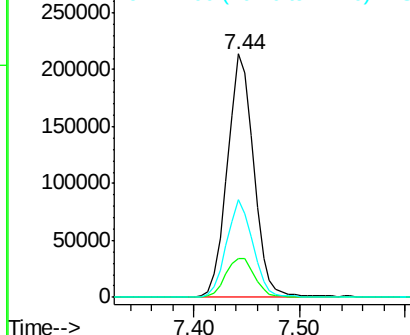
ClientSampleId :

Tot Ion: 99 Resp: 369941

Ion	Ratio	Lower	Upper
99	100		
42	15.9	20.5	30.7#
71	39.9	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: 20.00 ng

RT: 11.11 min Scan# 1280

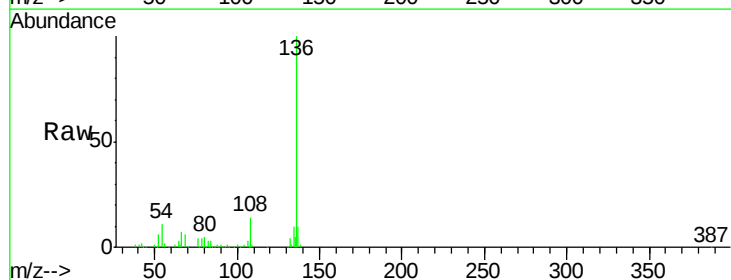
Delta R.T. -0.04 min

Lab File: BG028836.D

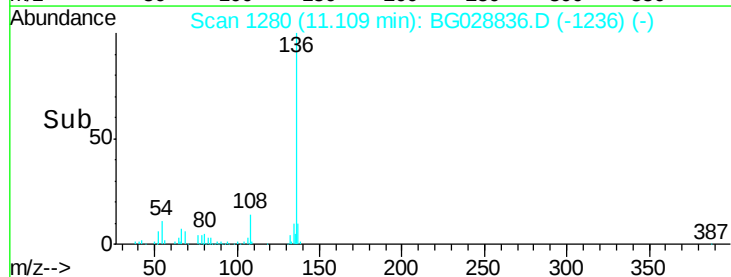
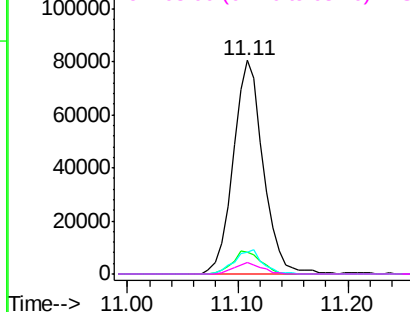
Acq: 20 Sep 2017 17:54

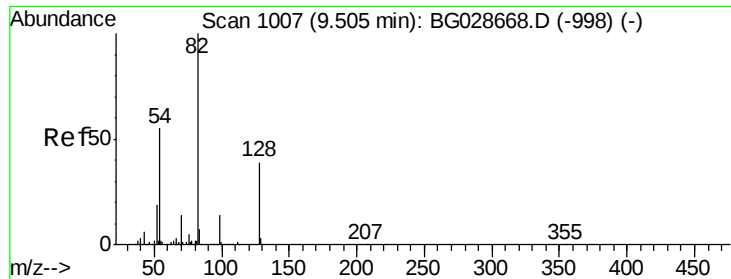
Tgt Ion: 136 Resp: 153154

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	10.5	9.3	13.9
68	5.5	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

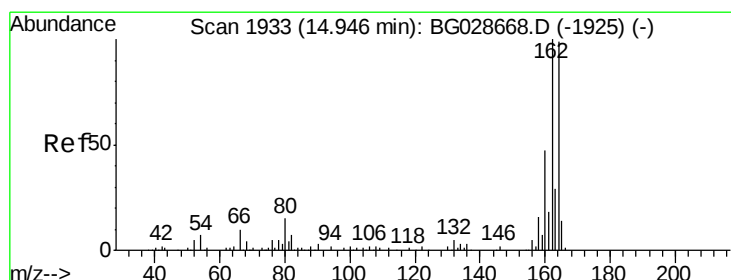
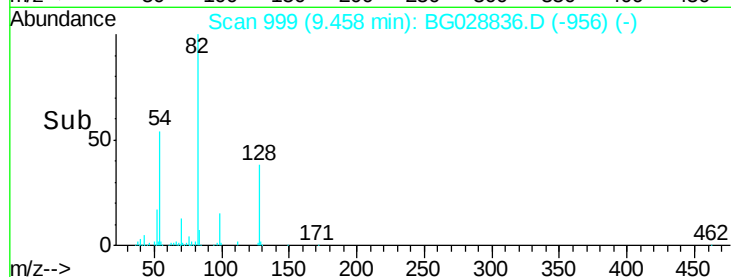
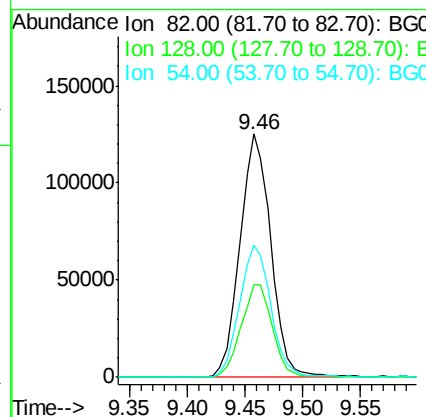
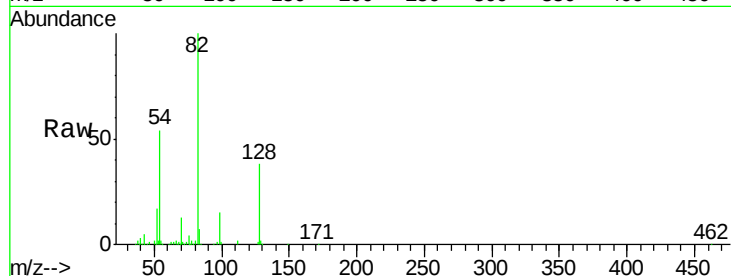




#23
Nitrobenzene-d5
Concen: 72.40 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028836.D
Acq: 20 Sep 2017 17:54

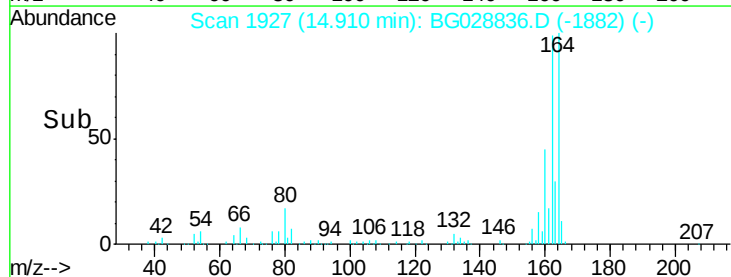
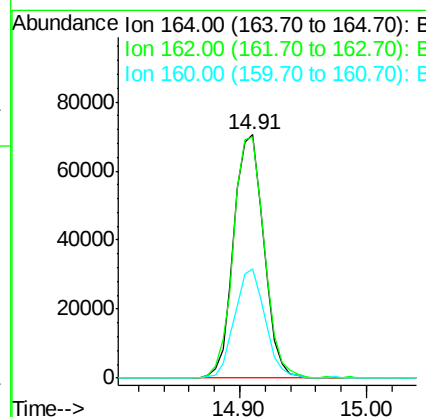
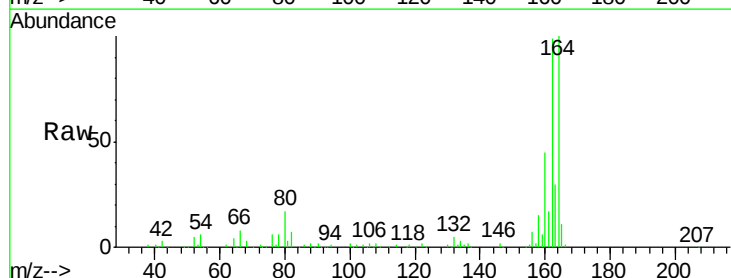
Instrument :
BNA_G
ClientSampleId :

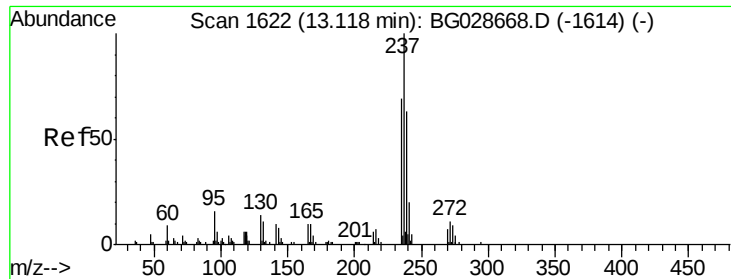
Tot Ion	82	Resp	231787
Ion Ratio	Lower	Upper	
82	100		
128	37.9	26.4	39.6
54	54.2	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028836.D
Acq: 20 Sep 2017 17:54

Tgt Ion	164	Resp	115265
Ion Ratio	Lower	Upper	
164	100		
162	98.9	85.1	127.7
160	44.7	34.7	52.1





#40

Hexachlorocyclopentadiene

Concen: 7.63 ng

RT: 13.12 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BG028836.D

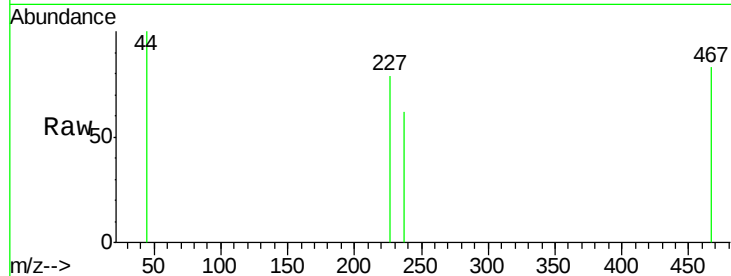
Acq: 20 Sep 2017 17:54

Instrument :

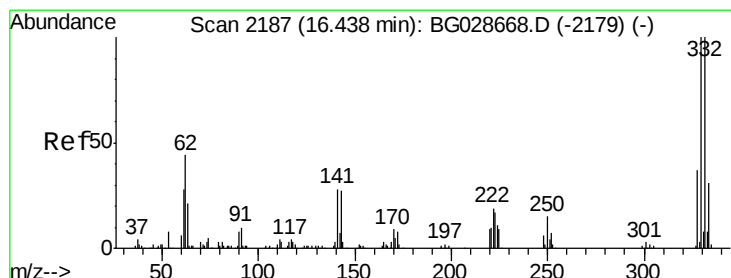
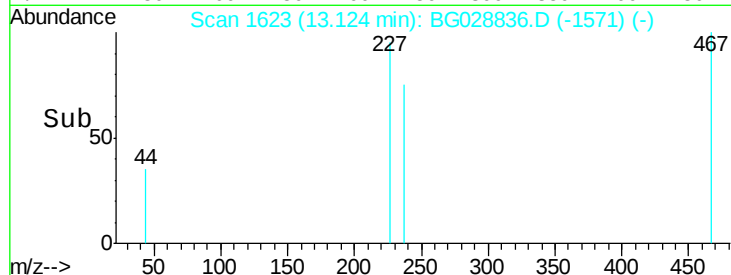
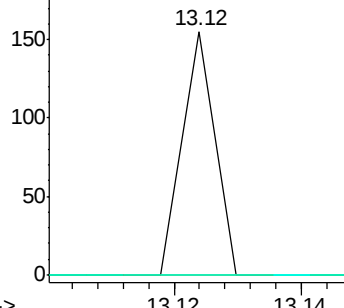
BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	55
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: 115.64 ng

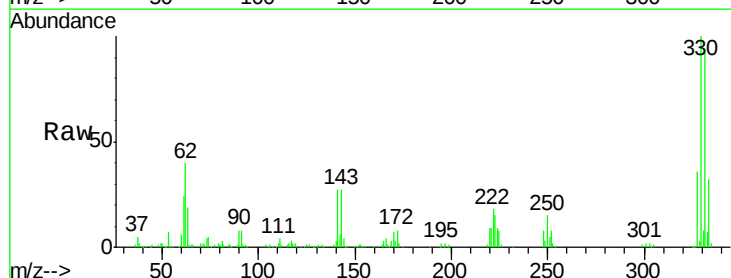
RT: 16.40 min Scan# 2181

Delta R.T. -0.04 min

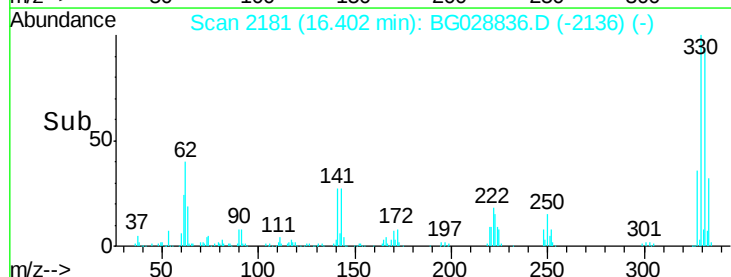
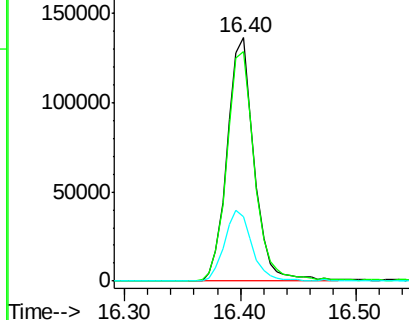
Lab File: BG028836.D

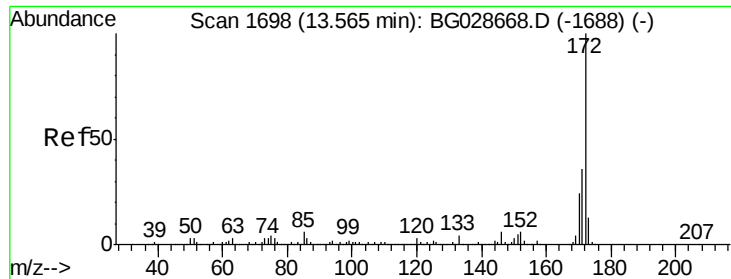
Acq: 20 Sep 2017 17:54

Tgt Ion:	330	Resp:	220451
Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	29.7	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

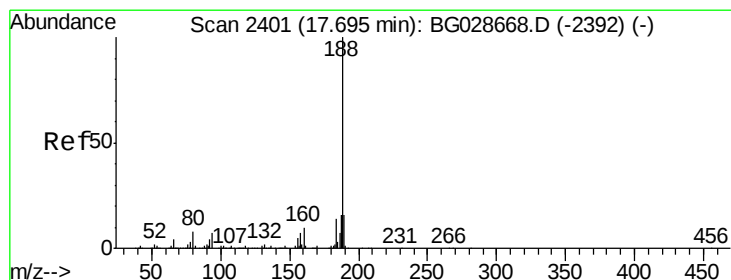
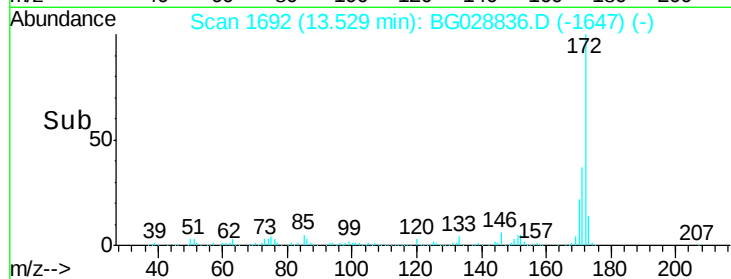
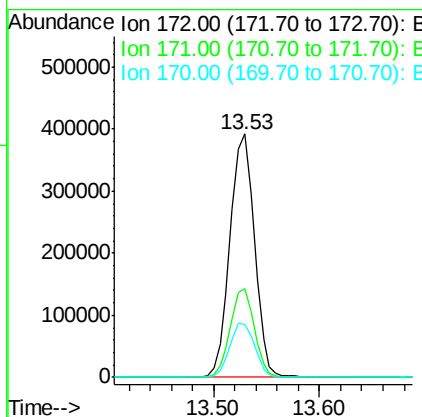
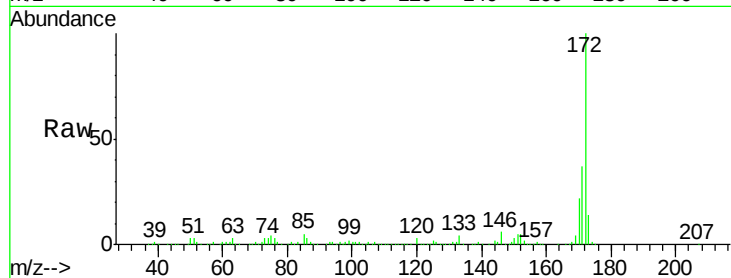




#44
2-Fluorobiphenyl
Concen: 72.73 ng
RT: 13.53 min Scan# 1692
Delta R.T. -0.04 min
Lab File: BG028836.D
Acq: 20 Sep 2017 17:54

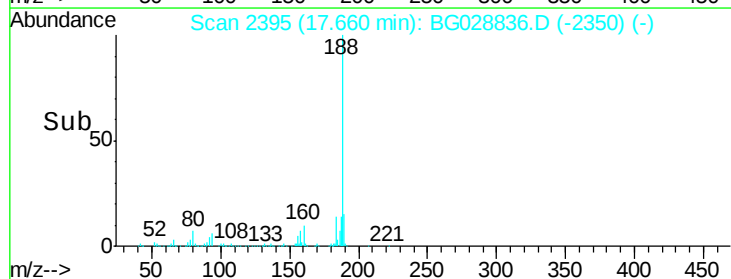
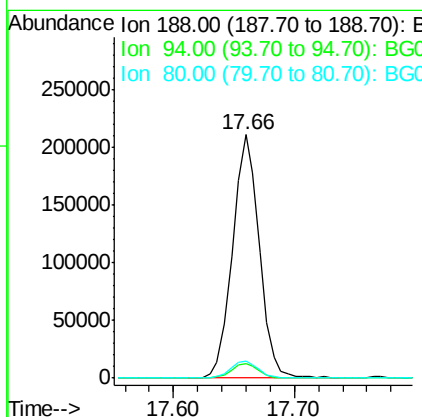
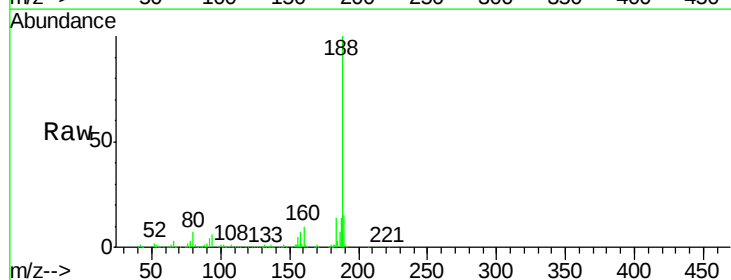
Instrument :
BNA_G
ClientSampleId :

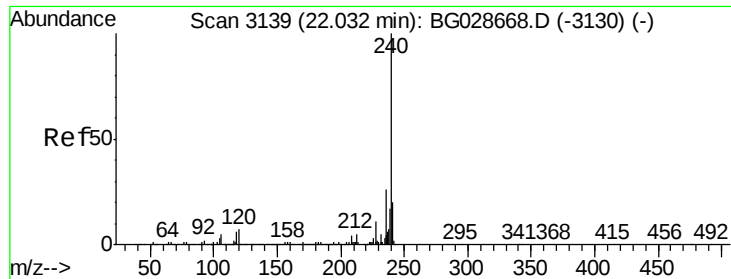
Tot Ion:172 Resp: 628732
Ion Ratio Lower Upper
172 100
171 36.6 32.2 48.2
170 21.9 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028836.D
Acq: 20 Sep 2017 17:54

Tgt Ion:188 Resp: 326002
Ion Ratio Lower Upper
188 100
94 6.0 5.8 8.8
80 7.1 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028836.D

Acq: 20 Sep 2017 17:54

Instrument :

BNA_G

ClientSampleId :

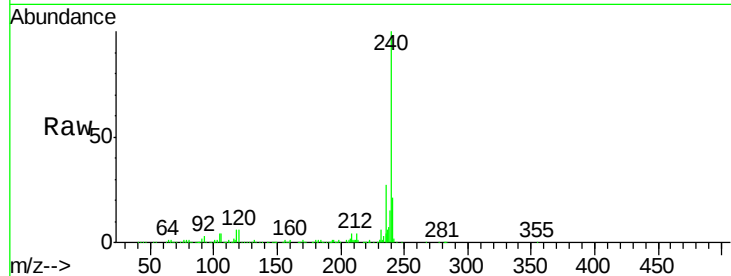
Tot Ion:240 Resp: 361815

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

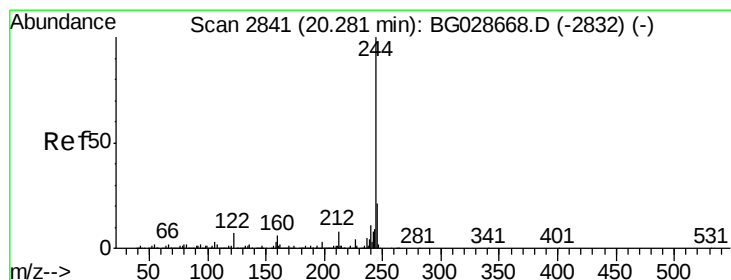
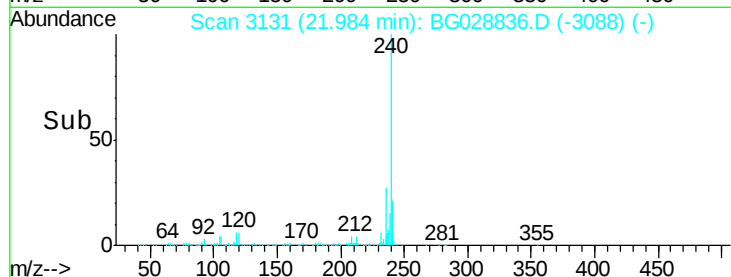
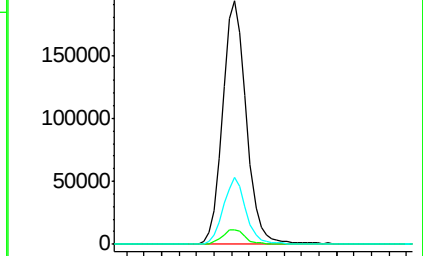
236 27.4 22.2 33.4



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: 72.82 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028836.D

Acq: 20 Sep 2017 17:54

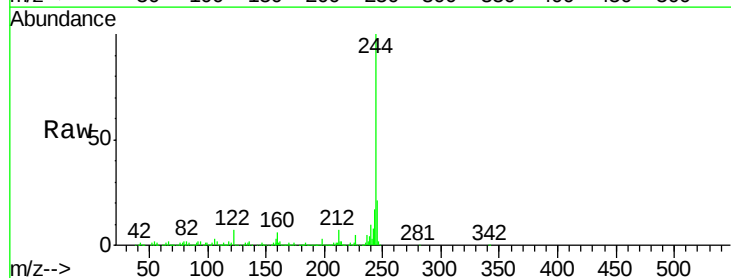
Tgt Ion:244 Resp: 1235438

Ion Ratio Lower Upper

244 100

212 7.2 10.0 15.0#

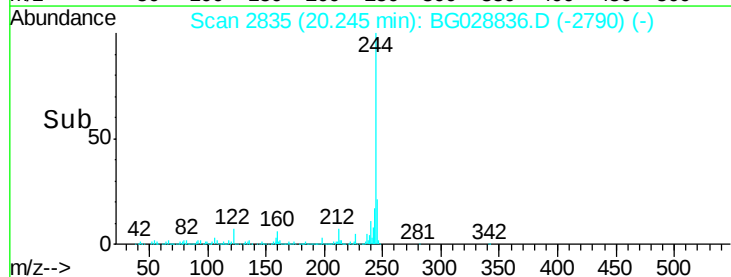
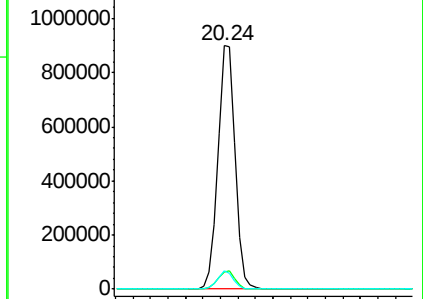
122 7.4 8.6 12.8#

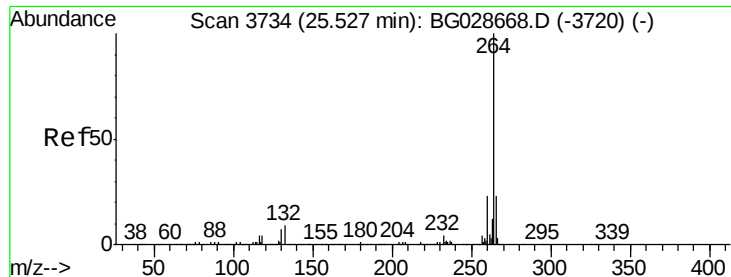


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

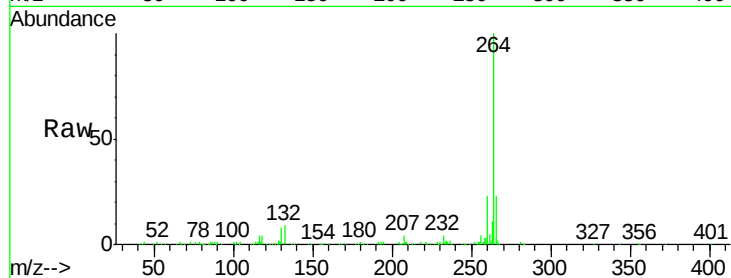




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.45 min Scan# 3721
Delta R.T. -0.08 min
Lab File: BG028836.D
Acq: 20 Sep 2017 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	22.5	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

