

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028806.D
 Acq On : 18 Sep 2017 22:19
 Operator : SJ/JU
 Sample : I5259-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170602-COMP-C

Quant Time: Sep 19 04:10:37 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	30735	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	127772	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	95351	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	267262	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	298092	20.00	ng	-0.05
86) Perylene-d12	25.45	264	307848	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	118078	63.39	ng	-0.05
7) Phenol-d6	7.44	99	122756	43.77	ng	-0.05
23) Nitrobenzene-d5	9.46	82	240702	90.12	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	235839	149.54	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	649840	90.88	ng	-0.04
78) Terphenyl-d14	20.24	244	1196942	85.63	ng	-0.04

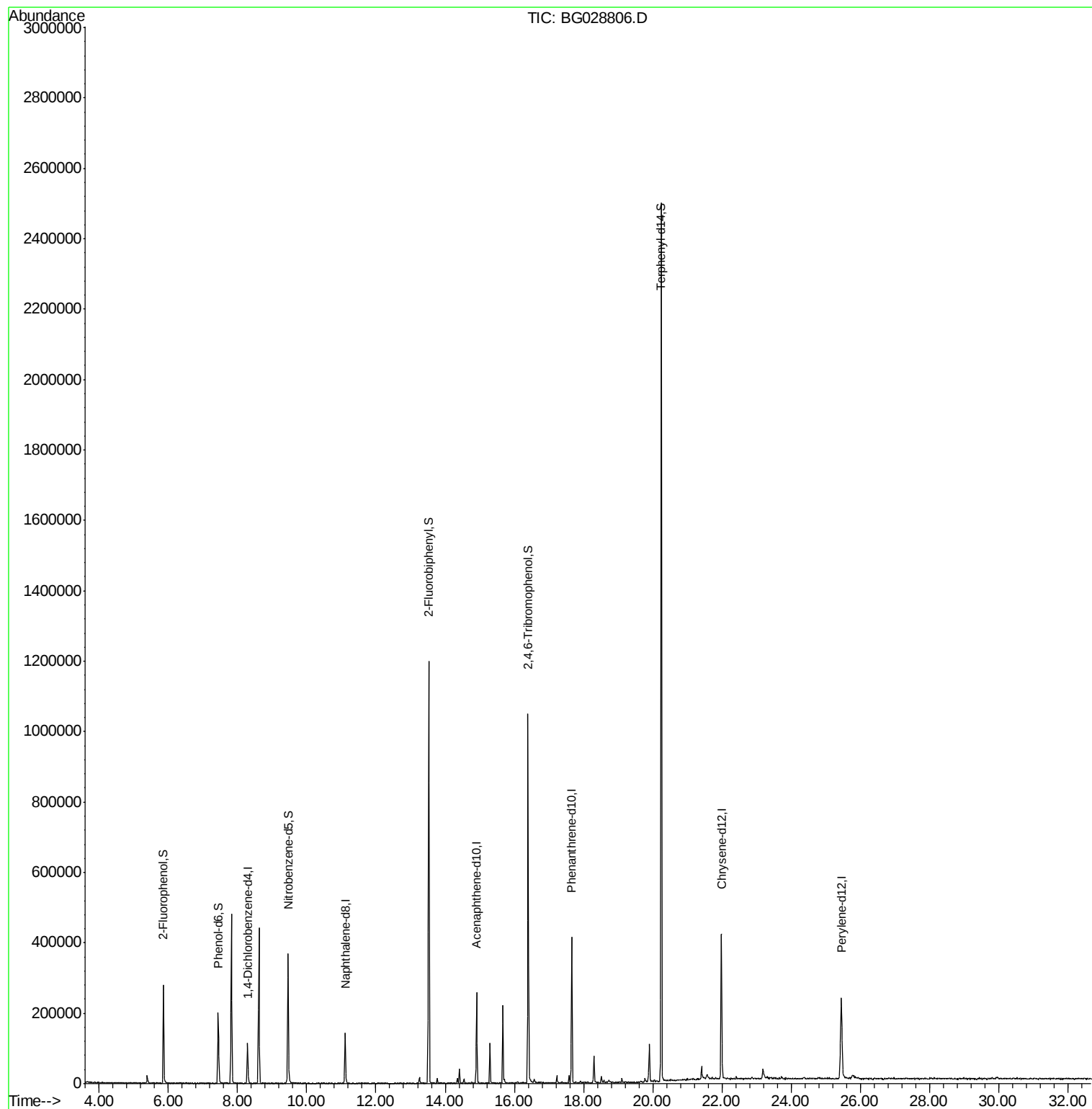
Target Compounds Qvalue

(#) = 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: BG028806.D

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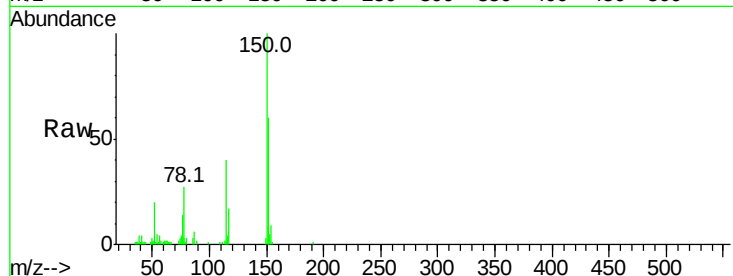
Tot Ion:152 Resp: 30735

Ion Ratio Lower Upper

152 100

150 165.4 114.0 171.0

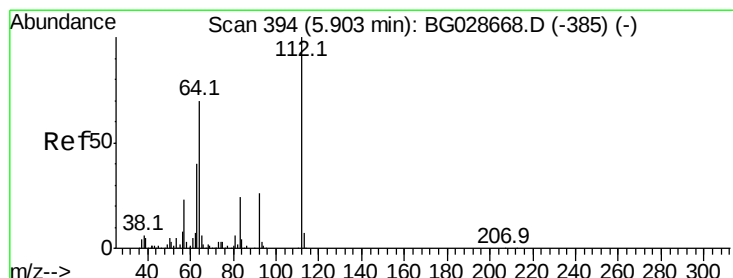
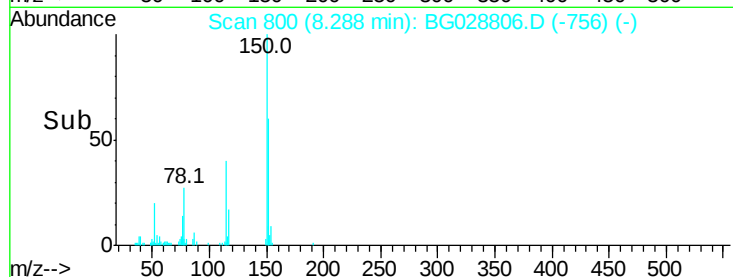
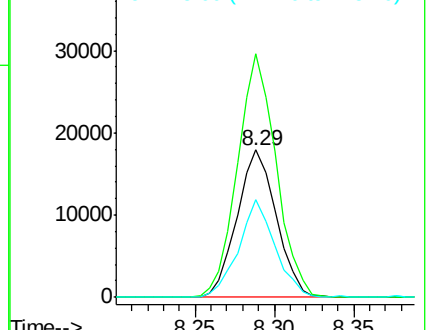
115 66.0 48.1 72.1



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: 63.392 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028806.D

Acq: 18 Sep 2017 22:19

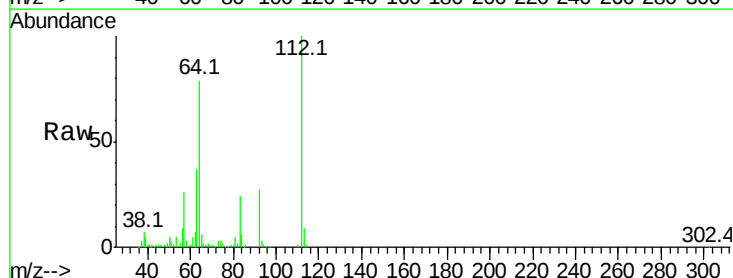
Tgt Ion:112 Resp: 118078

Ion Ratio Lower Upper

112 100

64 79.1 61.8 92.6

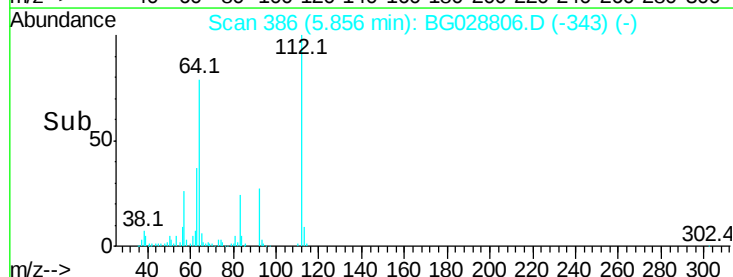
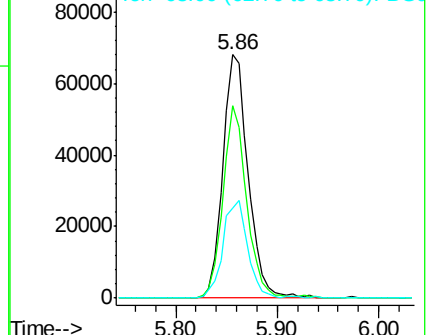
63 37.1 37.2 55.8#

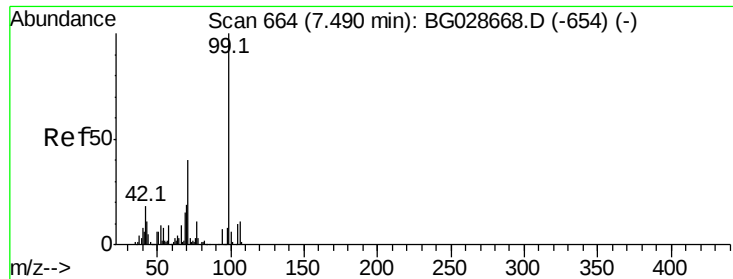


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.771 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028806.D

Acq: 18 Sep 2017 22:19

Instrument :

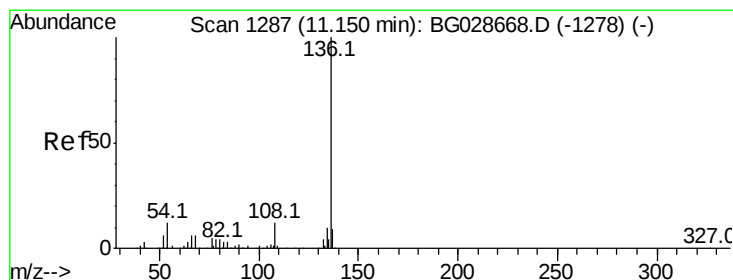
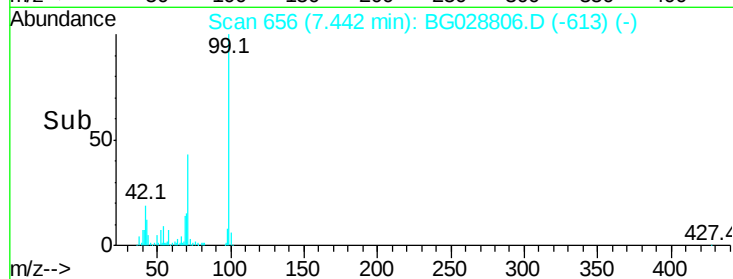
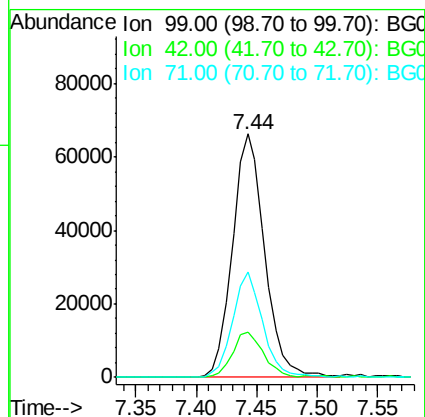
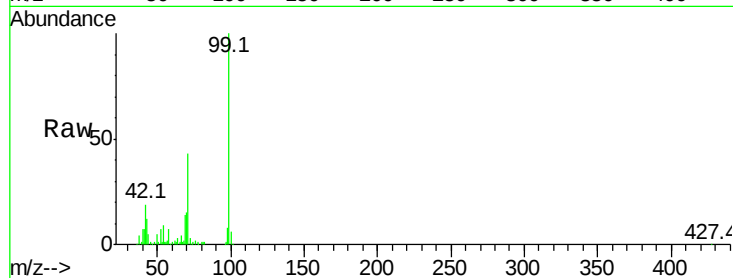
BNA_G

ClientSampleId :

20170602-COMP-C

Tot Ion: 99 Resp: 122756

Ion	Ratio	Lower	Upper
99	100		
42	18.6	20.5	30.7#
71	43.0	37.6	56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.11 min Scan# 1280

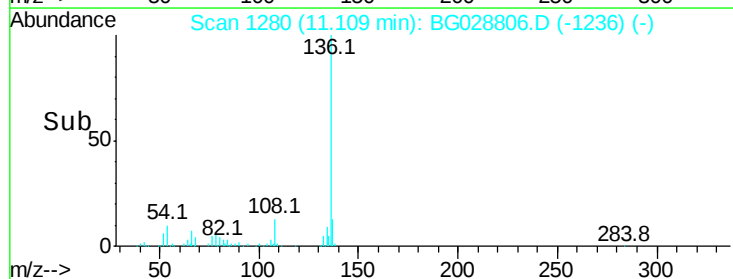
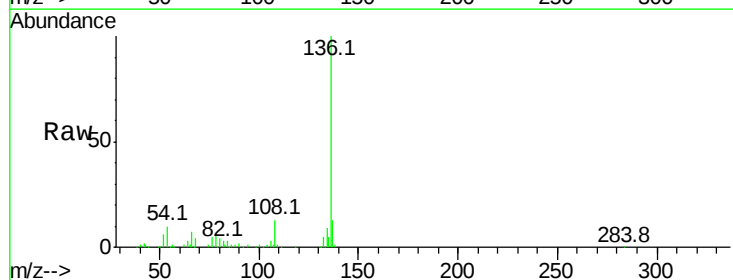
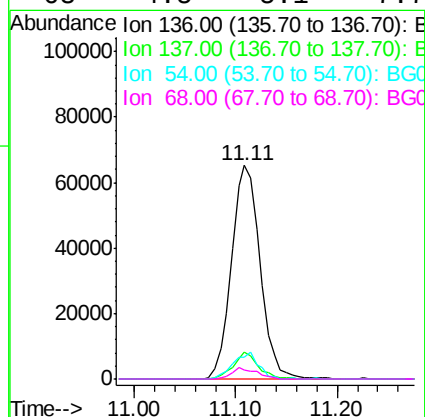
Delta R.T. -0.04 min

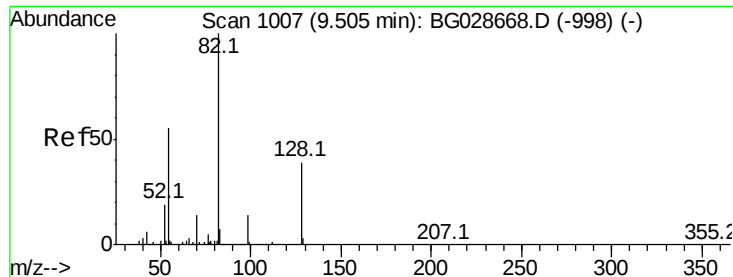
Lab File: BG028806.D

Acq: 18 Sep 2017 22:19

Tgt Ion: 136 Resp: 127772

Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.9	13.3
54	10.3	9.3	13.9
68	4.5	5.1	7.7#





#23

Nitrobenzene-d5

Concen: 90.118 ng

RT: 9.46 min Scan# 1000

Delta R.T. -0.04 min

Lab File: BG028806.D

Acq: 18 Sep 2017 22:19

Instrument :

BNA_G

ClientSampleId :

20170602-COMP-C

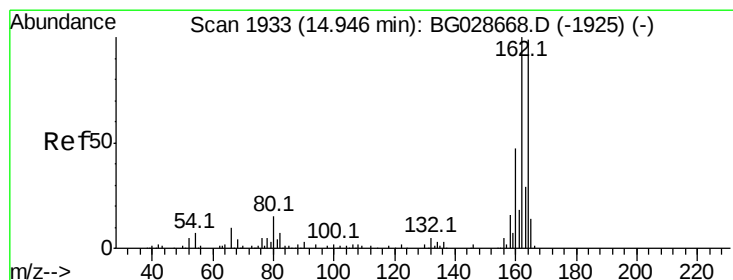
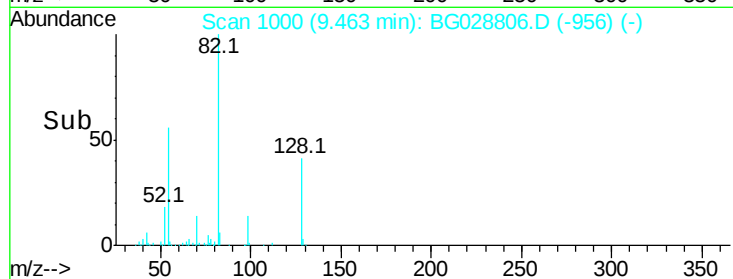
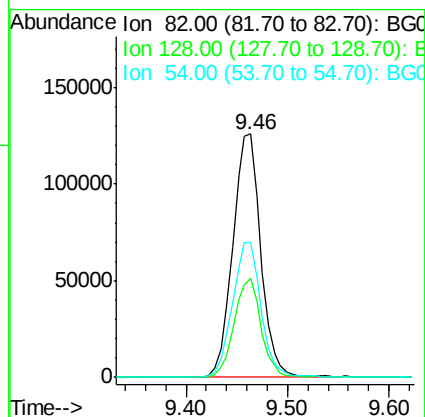
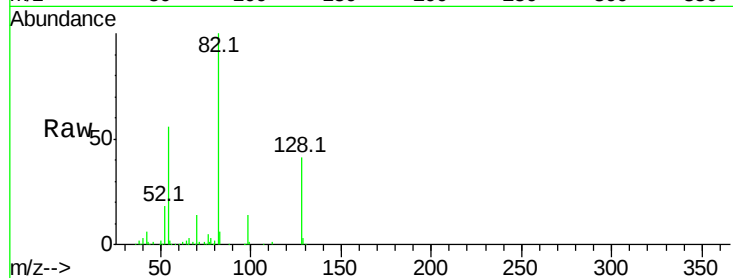
Tot Ion: 82 Resp: 240702

Ion Ratio Lower Upper

82 100

128 40.7 26.4 39.6#

54 55.5 49.4 74.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.90 min Scan# 1926

Delta R.T. -0.04 min

Lab File: BG028806.D

Acq: 18 Sep 2017 22:19

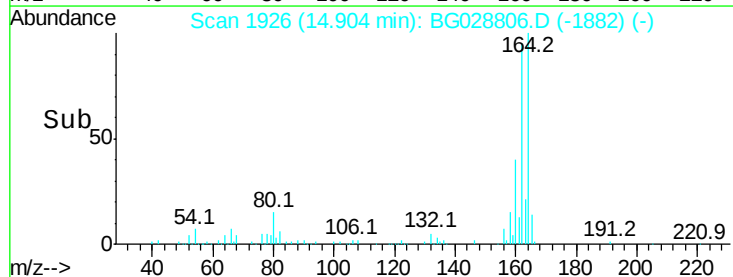
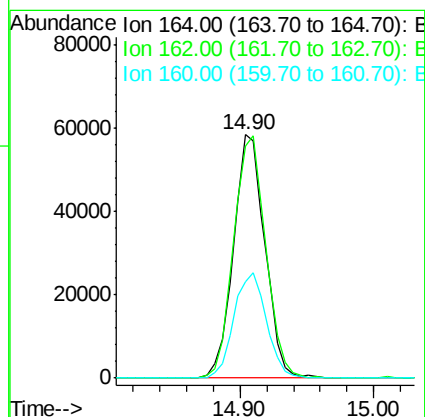
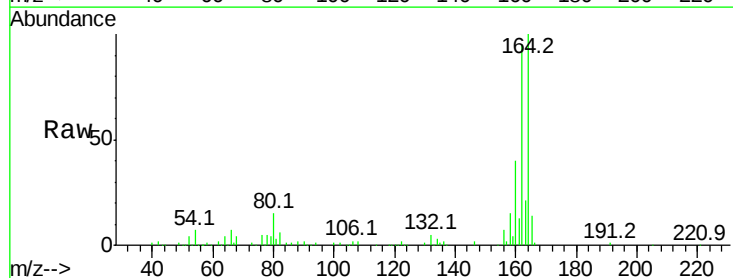
Tgt Ion: 164 Resp: 95351

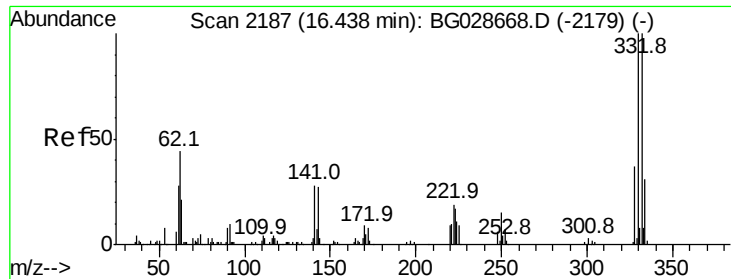
Ion Ratio Lower Upper

164 100

162 95.4 85.1 127.7

160 39.7 34.7 52.1

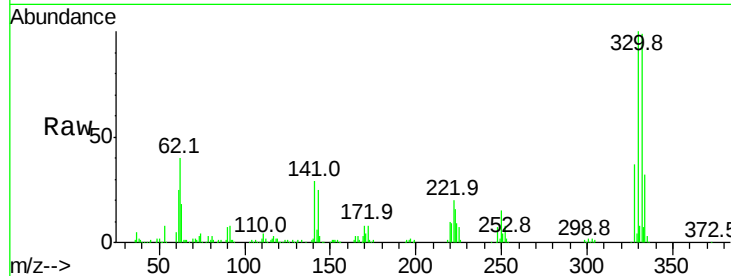




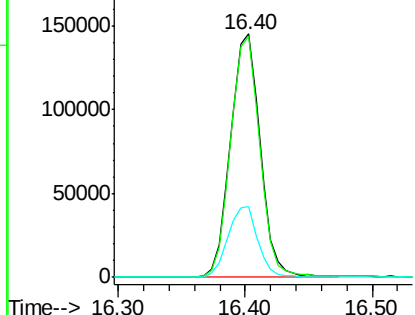
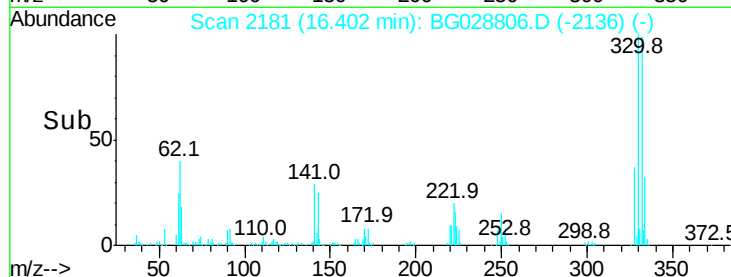
#41
 2,4,6-Tribromophenol
 Concen: 149.545 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028806.D
 Acq: 18 Sep 2017 22:19

Instrument :
 BNA_G
 ClientSampleId :
 20170602-COMP-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	29.3	32.1	48.1#

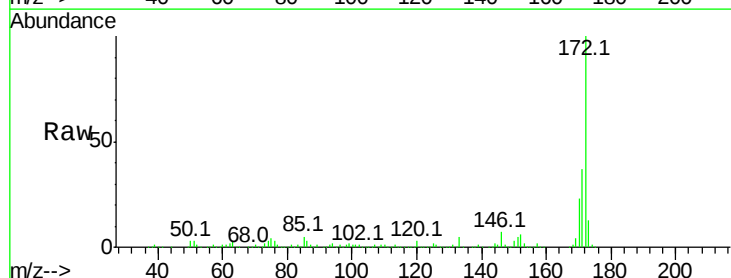


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

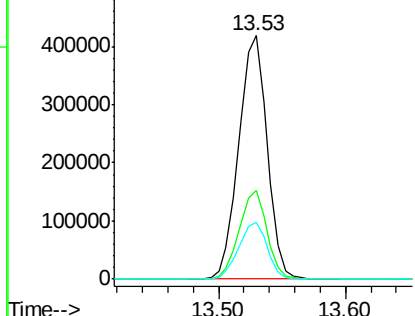
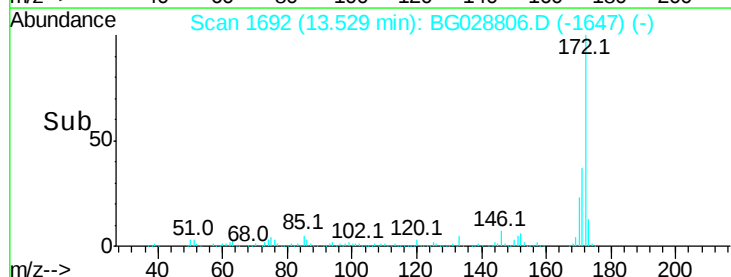


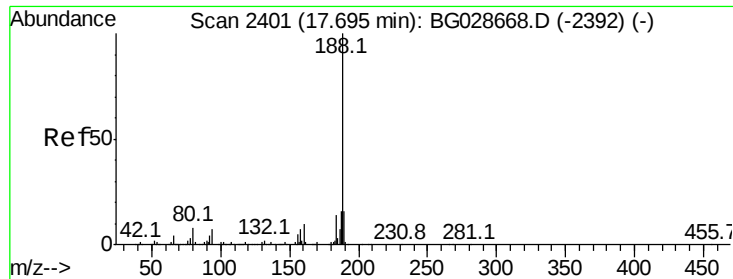
#44
 2-Fluorobiphenyl
 Concen: 90.876 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028806.D
 Acq: 18 Sep 2017 22:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	32.2	48.2
170	23.4	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: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028806.D

Acq: 18 Sep 2017 22:19

Instrument :

BNA_G

ClientSampleId :

20170602-COMP-C

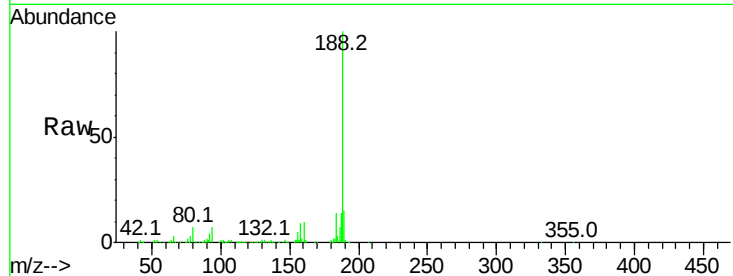
Tot Ion:188 Resp: 267262

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.8

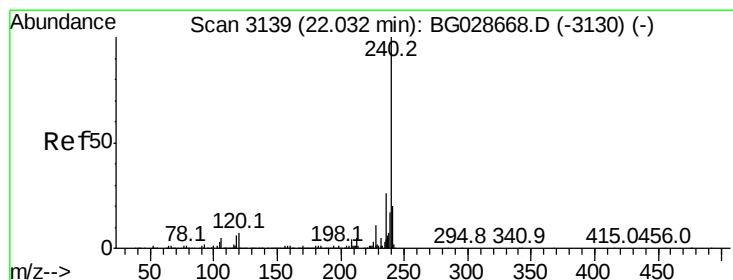
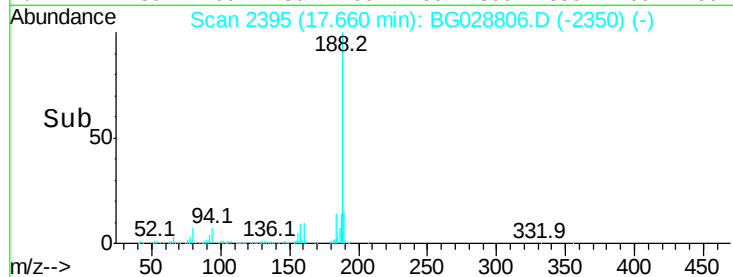
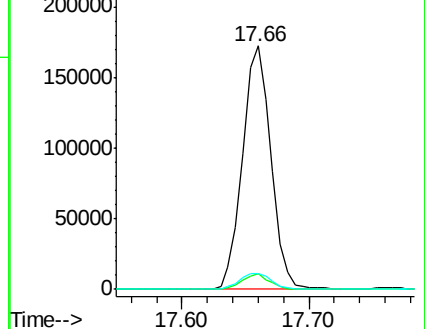
80 6.6 7.5 11.3#



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# 3130

Delta R.T. -0.05 min

Lab File: BG028806.D

Acq: 18 Sep 2017 22:19

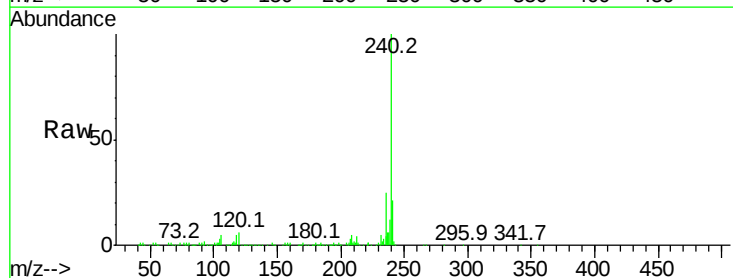
Tgt Ion:240 Resp: 298092

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

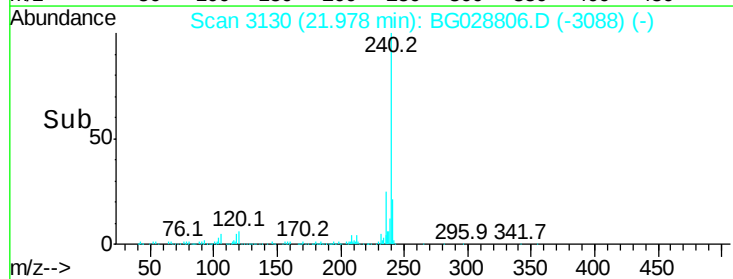
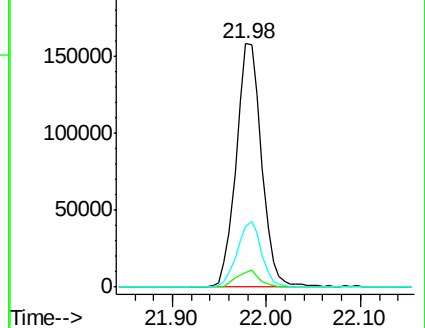
236 24.9 22.2 33.4

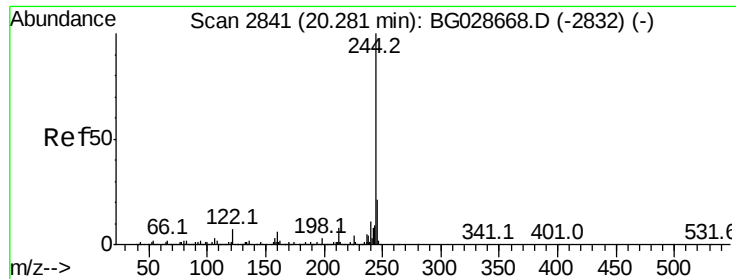


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.630 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028806.D

Acq: 18 Sep 2017 22:19

Instrument :

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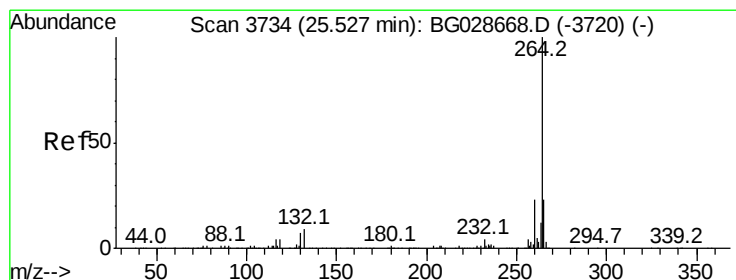
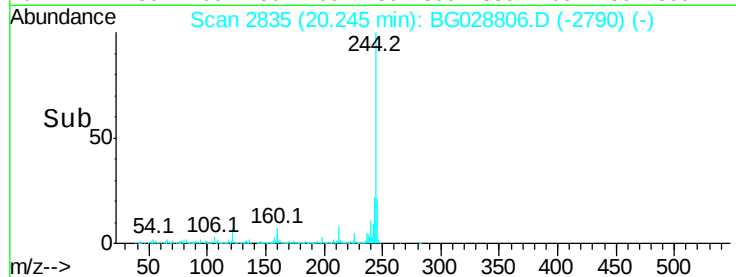
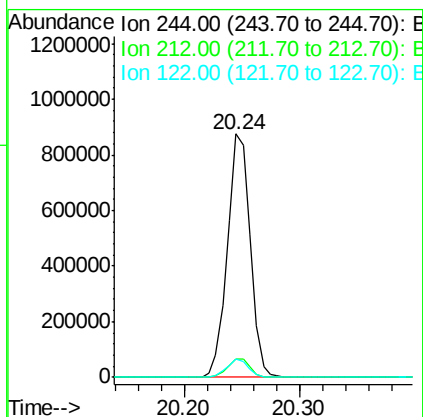
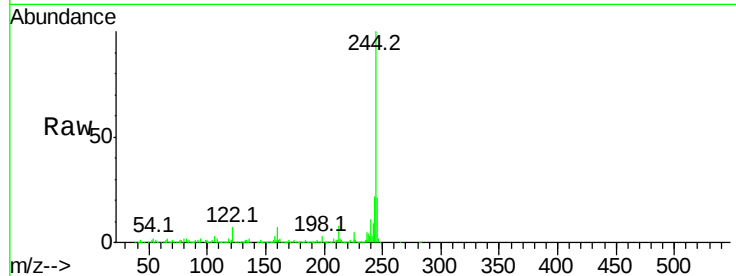
Tot Ion:244 Resp: 1196942

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

122 7.3 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028806.D

Acq: 18 Sep 2017 22:19

Tgt Ion:264 Resp: 307848

Ion Ratio Lower Upper

264 100

260 24.3 21.8 32.8

265 21.8 18.2 27.4

