

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028830.D
 Acq On : 20 Sep 2017 13:57
 Operator : SJ/JU
 Sample : PB102449BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 21 01:23:29 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	26415	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	112935	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	84093	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	250373	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	275533	20.00	ng	-0.05
86) Perylene-d12	25.46	264	276891	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	226683	141.60	ng	-0.04
7) Phenol-d6	7.44	99	306763	127.27	ng	-0.05
23) Nitrobenzene-d5	9.46	82	189313	80.19	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	187258	134.64	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	515376	81.72	ng	-0.04
78) Terphenyl-d14	20.25	244	1082020	83.75	ng	-0.03

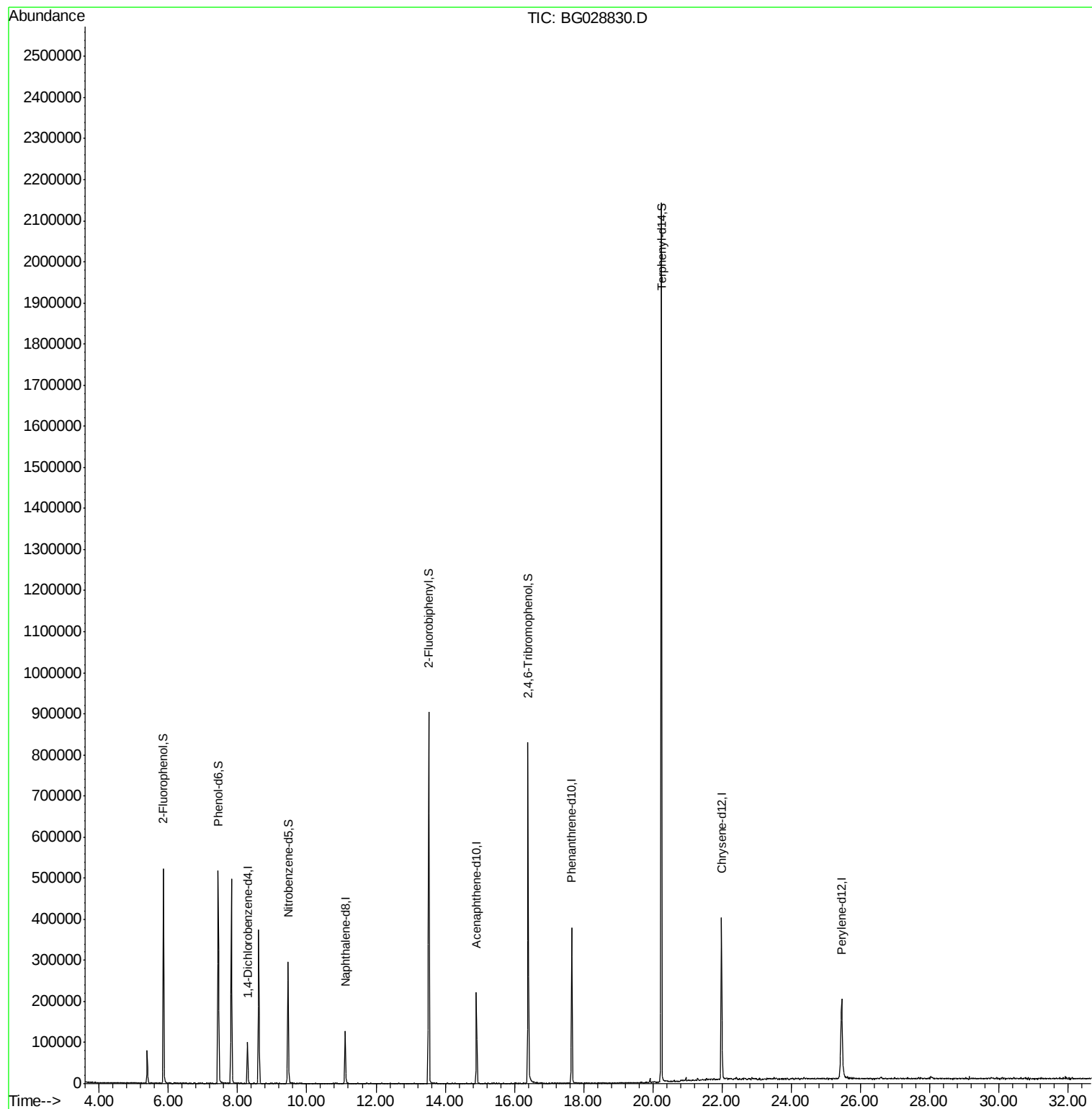
Target Compounds Qvalue

(#) = 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: BG028830.D

Acq: 20 Sep 2017 13:57

Instrument :

BNA_G

ClientSampleId :

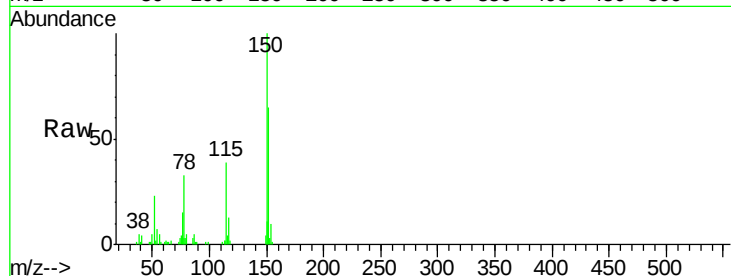
Tot Ion:152 Resp: 26415

Ion Ratio Lower Upper

152 100

150 153.1 114.0 171.0

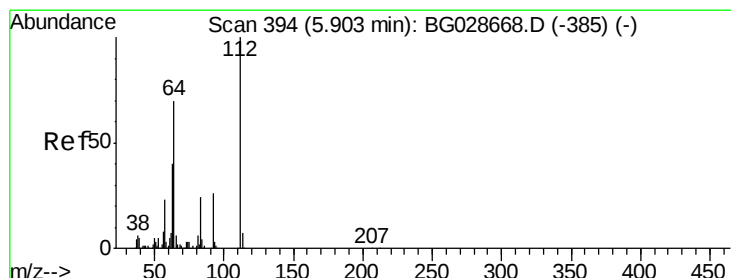
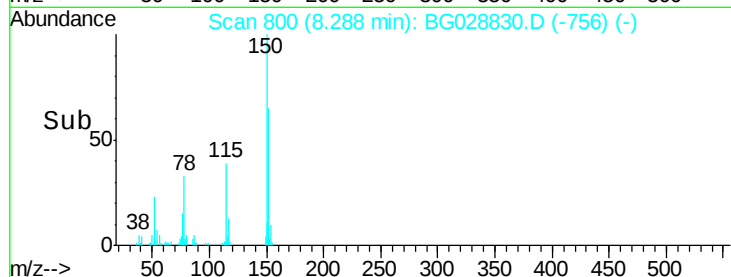
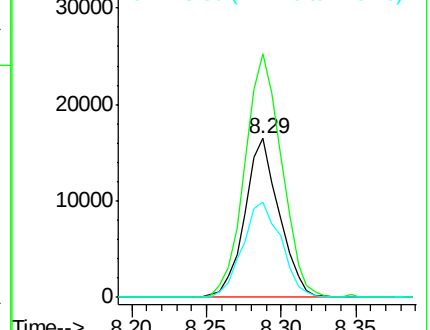
115 59.8 48.1 72.1



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: 141.60 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028830.D

Acq: 20 Sep 2017 13:57

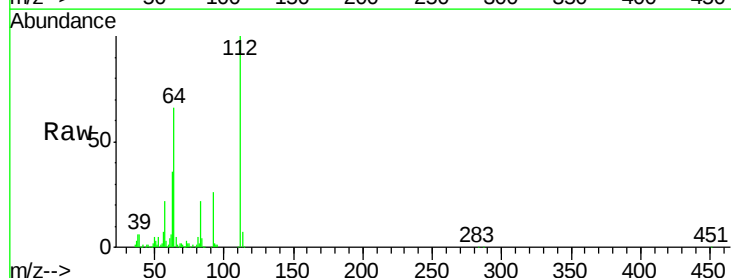
Tgt Ion:112 Resp: 226683

Ion Ratio Lower Upper

112 100

64 66.3 61.8 92.6

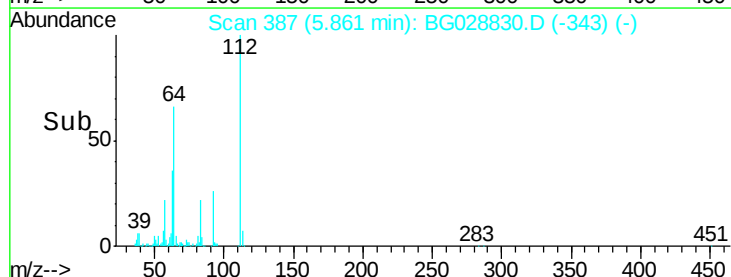
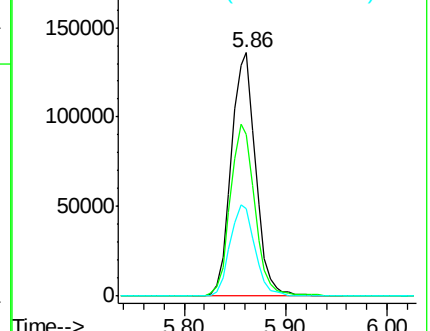
63 36.1 37.2 55.8#

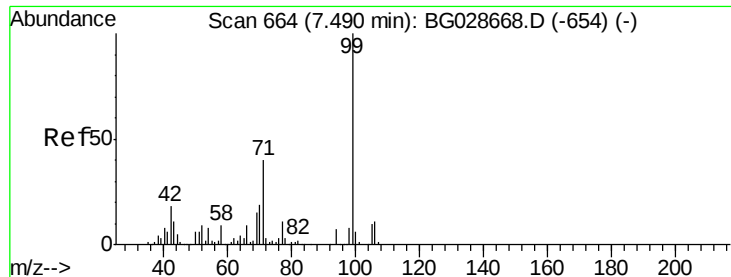


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.27 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028830.D

Acq: 20 Sep 2017 13:57

Instrument :

BNA_G

ClientSampleId :

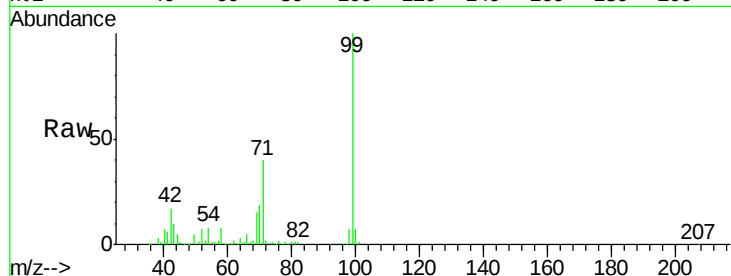
Tot Ion: 99 Resp: 306763

Ion Ratio Lower Upper

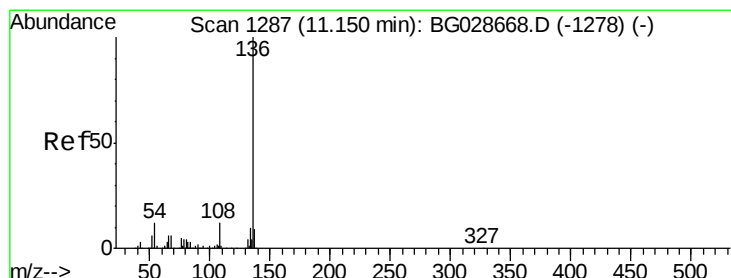
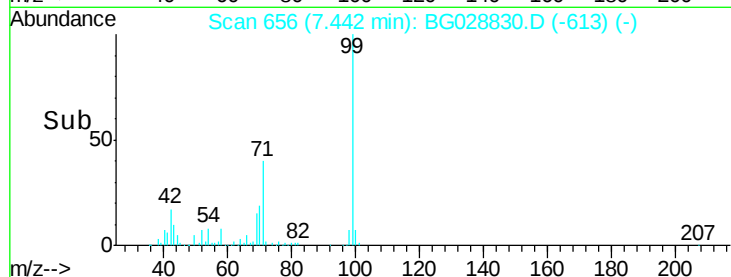
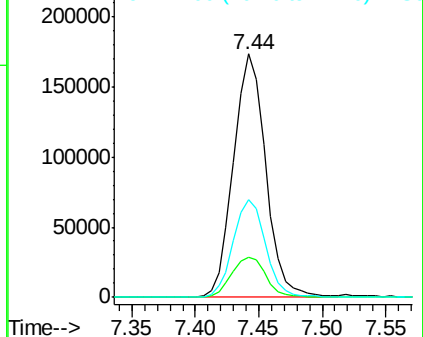
99 100

42 16.7 20.5 30.7#

71 40.2 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: BG028830.D

Acq: 20 Sep 2017 13:57

Tgt Ion: 136 Resp: 112935

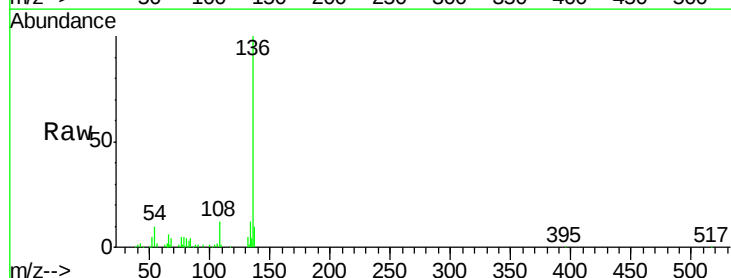
Ion Ratio Lower Upper

136 100

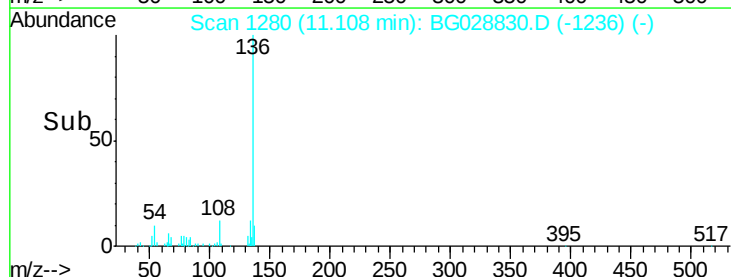
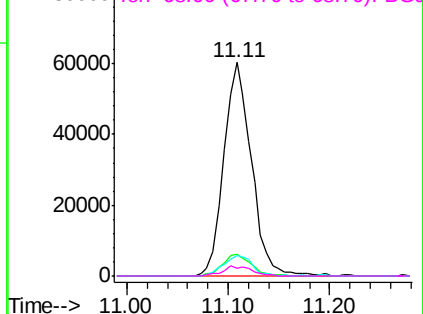
137 10.5 8.9 13.3

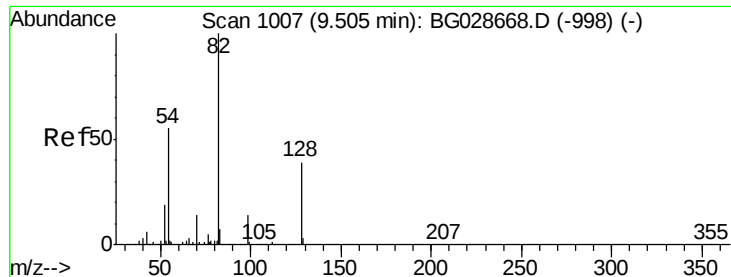
54 9.5 9.3 13.9

68 3.7 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

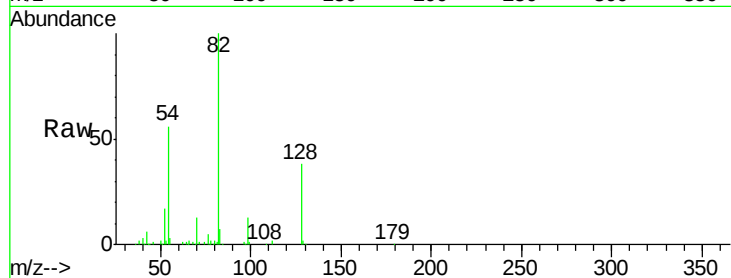




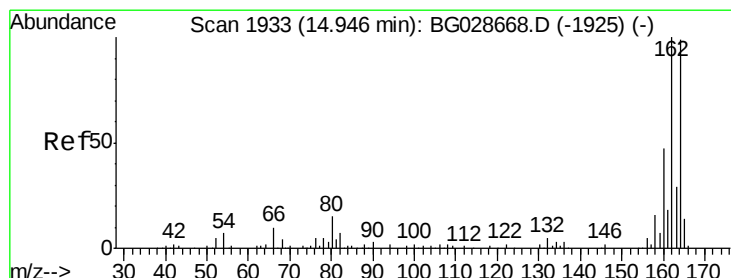
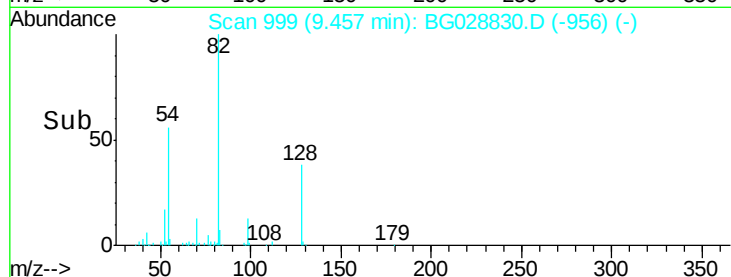
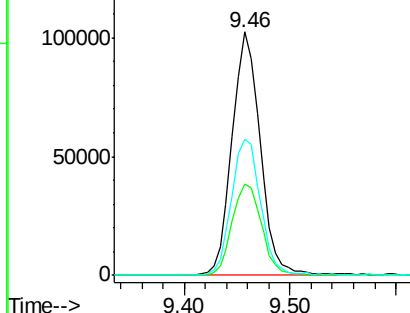
#23
 Nitrobenzene-d5
 Concen: 80.19 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028830.D
 Acq: 20 Sep 2017 13:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.6	26.4	39.6
54	55.7	49.4	74.2

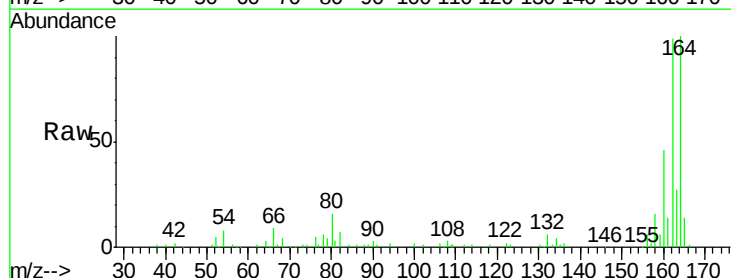


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

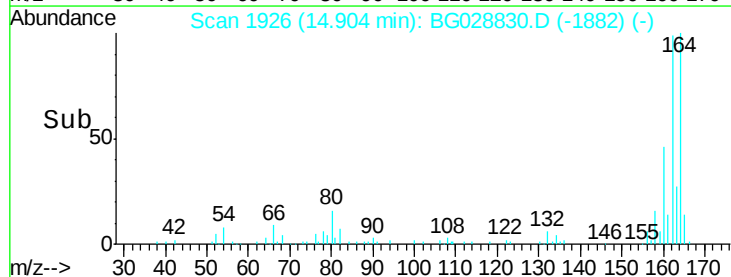
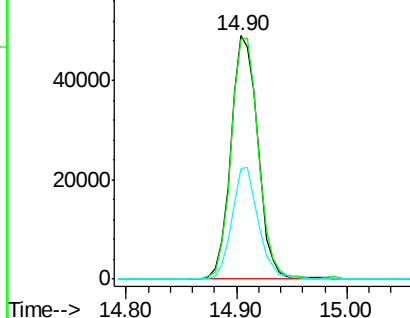


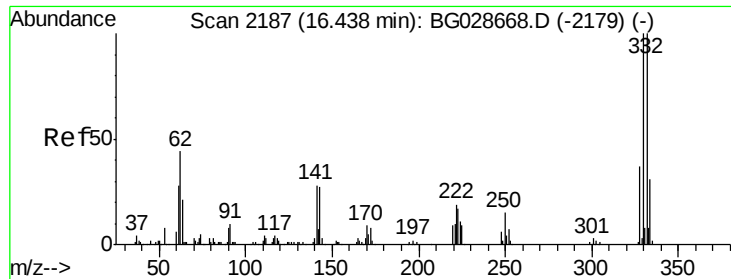
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028830.D
 Acq: 20 Sep 2017 13:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	85.1	127.7
160	45.6	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

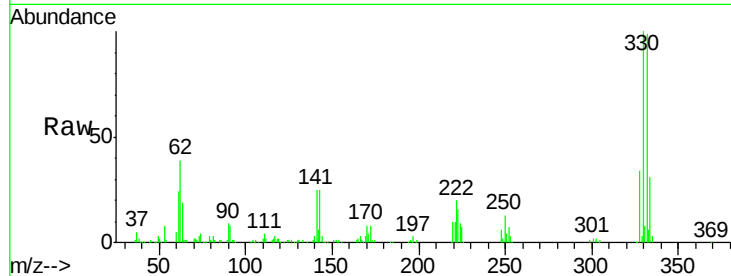




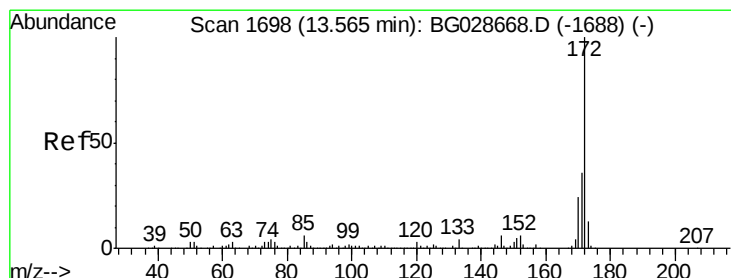
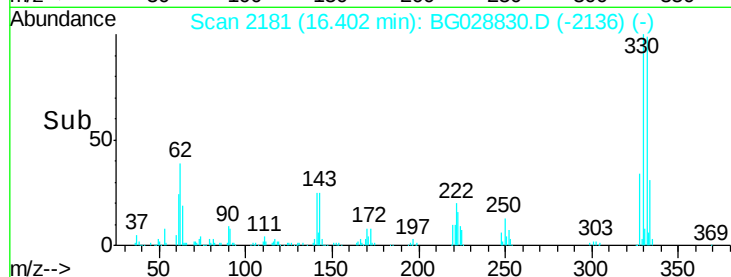
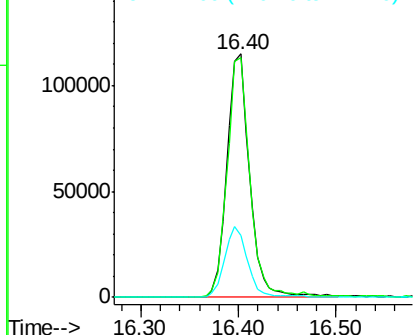
#41
2,4,6-Tribromophenol
Concen: 134.64 ng
RT: 16.40 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.3	115.9
141	29.6	32.1	48.1#

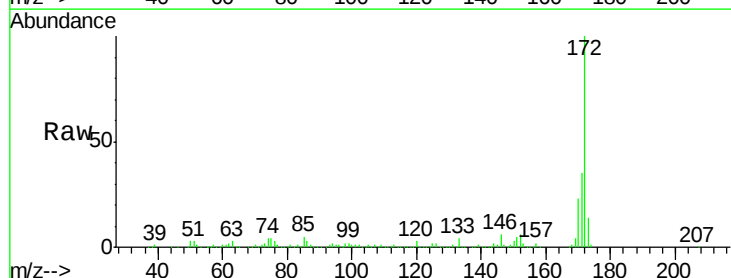


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

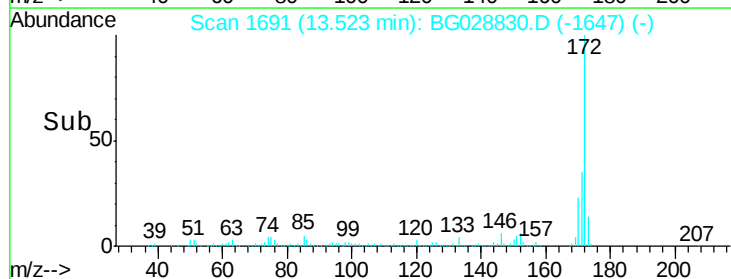
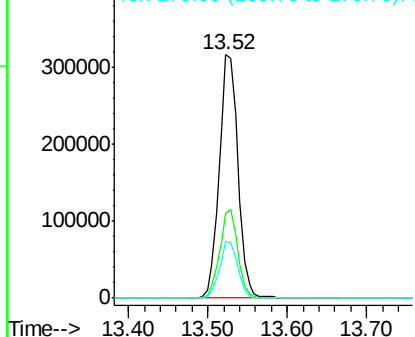


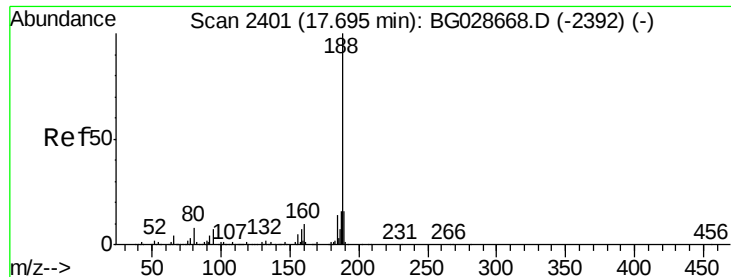
#44
2-Fluorobiphenyl
Concen: 81.72 ng
RT: 13.52 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	32.2	48.2
170	23.2	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

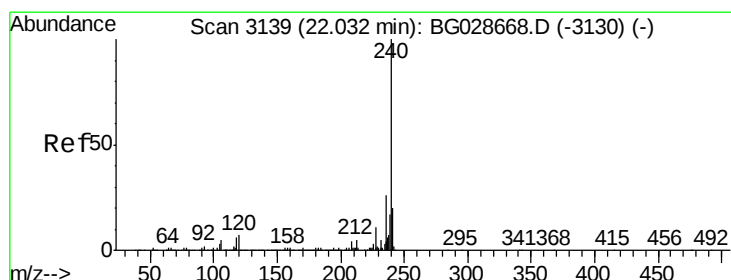
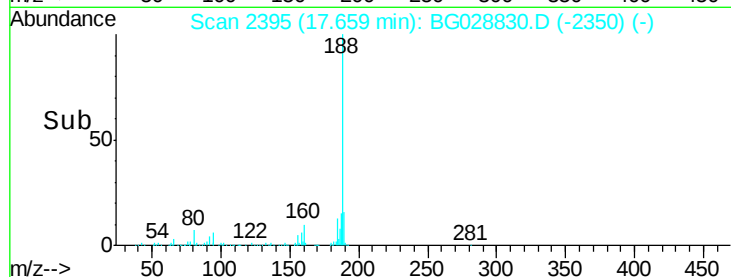
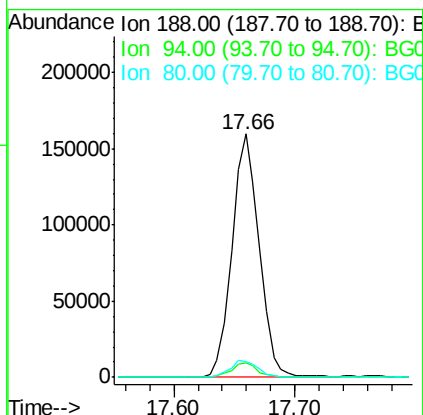
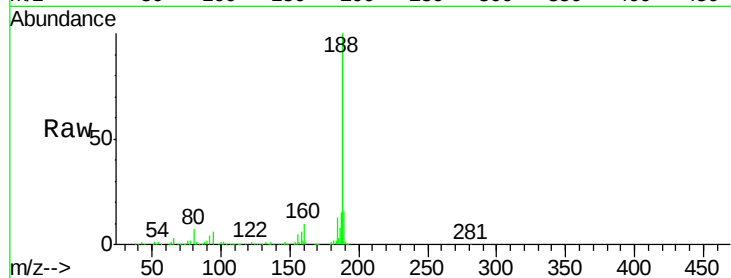




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

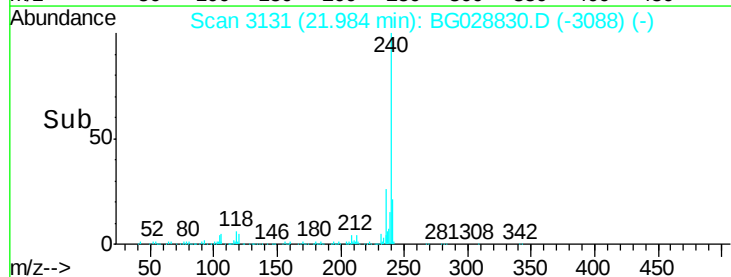
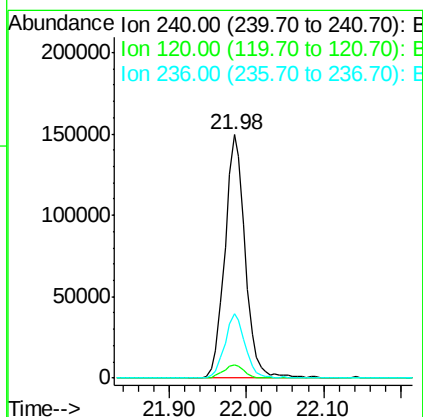
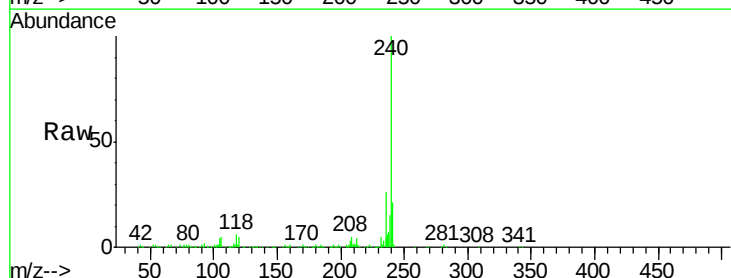
Instrument :
BNA_G
ClientSampleId :

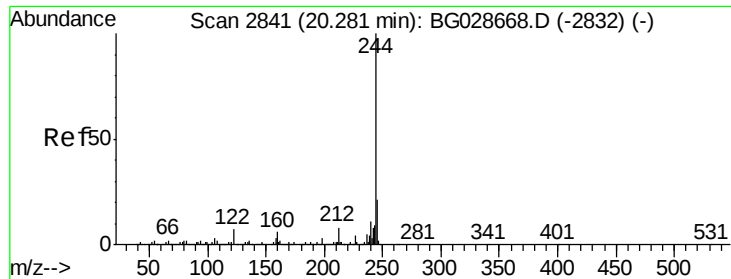
Tot Ion:188 Resp: 250373
Ion Ratio Lower Upper
188 100
94 6.1 5.8 8.8
80 6.6 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

Tgt Ion:240 Resp: 275533
Ion Ratio Lower Upper
240 100
120 5.3 5.7 8.5#
236 26.2 22.2 33.4





#78

Terphenyl-d14

Concen: 83.75 ng

RT: 20.25 min Scan# 2836

Delta R.T. -0.03 min

Lab File: BG028830.D

Acq: 20 Sep 2017 13:57

Instrument :

BNA_G

ClientSampled :

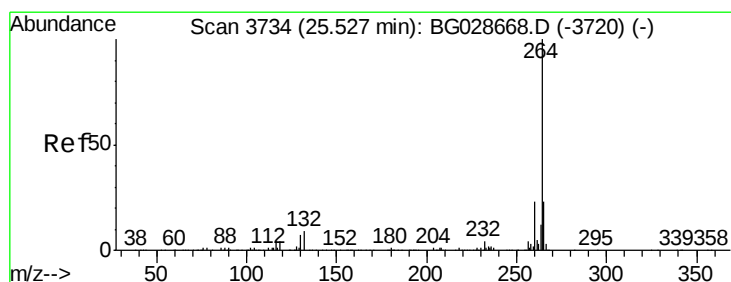
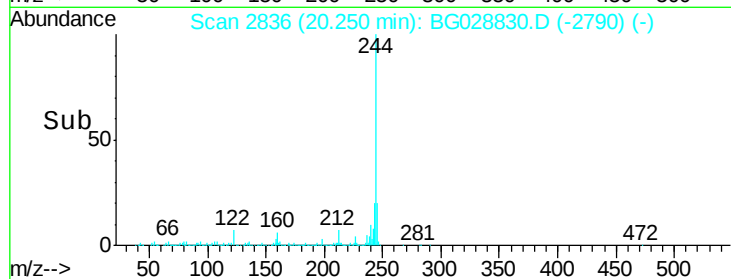
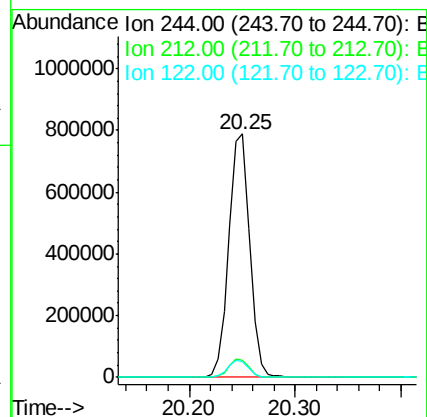
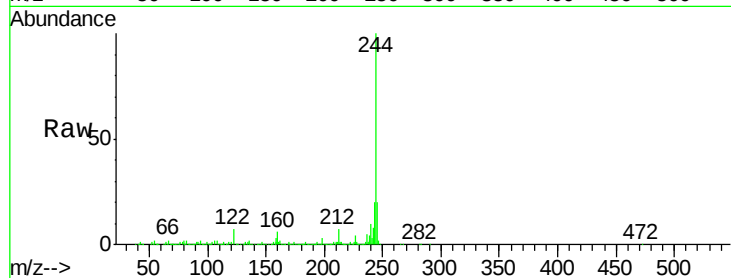
Tot Ion:244 Resp: 1082020

Ion Ratio Lower Upper

244 100

212 7.1 10.0 15.0#

122 6.6 8.6 12.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.46 min Scan# 3723

Delta R.T. -0.07 min

Lab File: BG028830.D

Acq: 20 Sep 2017 13:57

Tgt Ion:264 Resp: 276891

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 21.7 18.2 27.4

