

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028831.D
 Acq On : 20 Sep 2017 14:36
 Operator : SJ/JU
 Sample : I5113-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RL-1-0-12.25-SPLP

Quant Time: Sep 21 01:23:48 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	28996	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	125200	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	95643	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	279494	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	307294	20.00	ng	-0.05
86) Perylene-d12	25.45	264	310381	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	229974	130.87	ng	-0.05
7) Phenol-d6	7.44	99	311745	117.83	ng	-0.05
23) Nitrobenzene-d5	9.46	82	197816	75.58	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	193706	122.45	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	549476	76.61	ng	-0.04
78) Terphenyl-d14	20.25	244	1140614	79.16	ng	-0.04

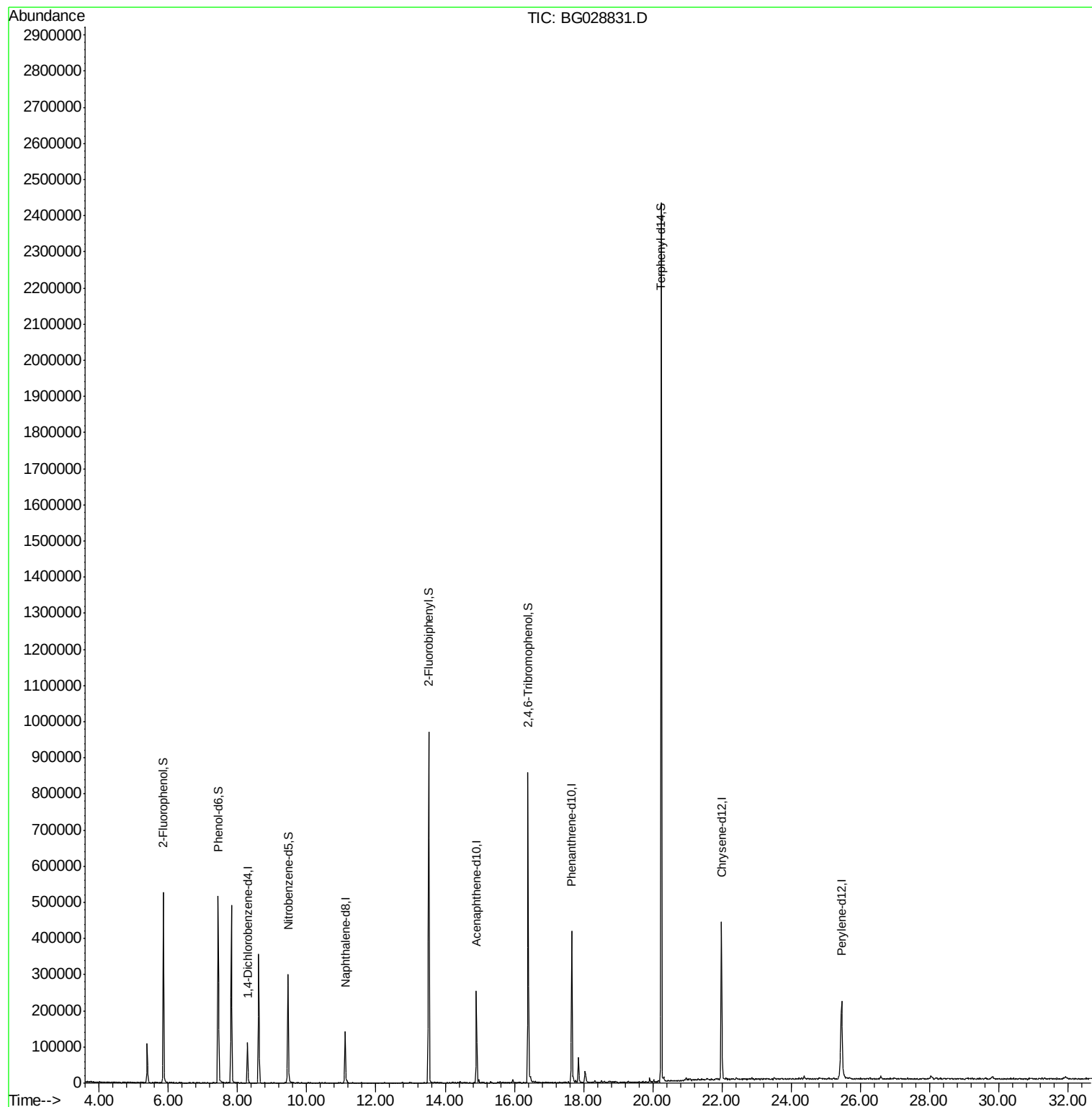
Target Compounds Qvalue

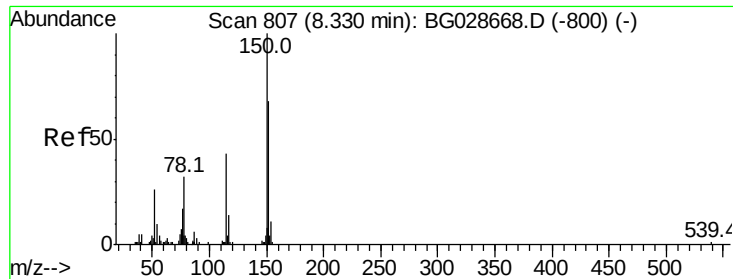
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG028831.D

Acq: 20 Sep 2017 14:36

Instrument :

BNA_G

ClientSampleId :

RL-1-0-12.25-SPLP

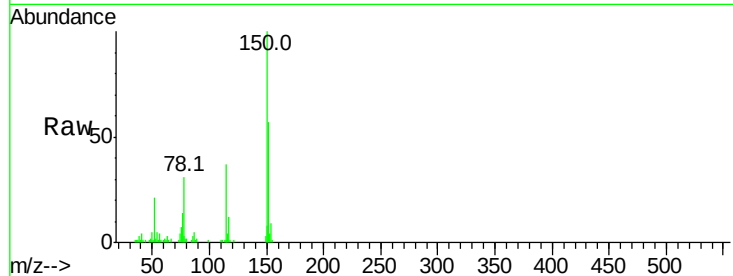
Tot Ion:152 Resp: 28996

Ion Ratio Lower Upper

152 100

150 174.5 114.0 171.0#

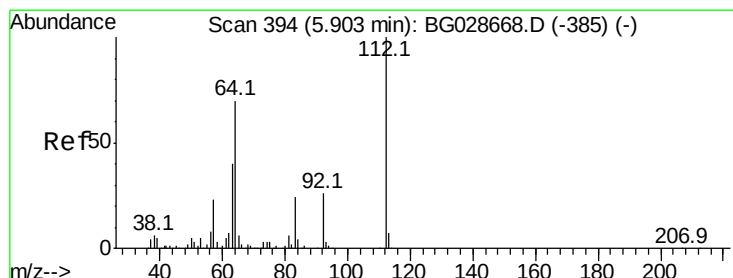
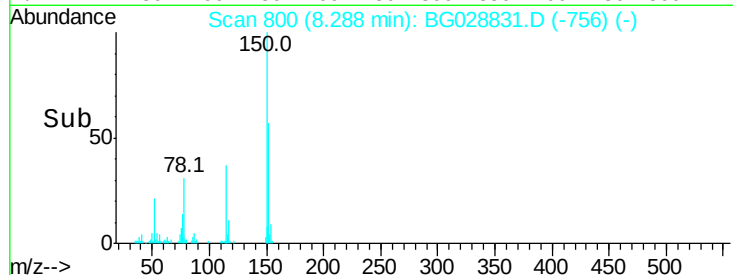
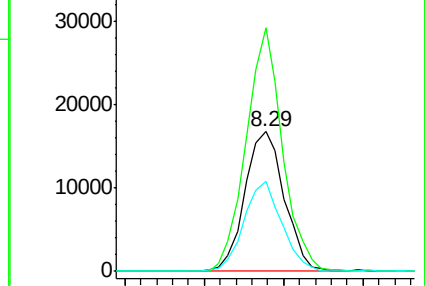
115 64.1 48.1 72.1



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: 130.869 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028831.D

Acq: 20 Sep 2017 14:36

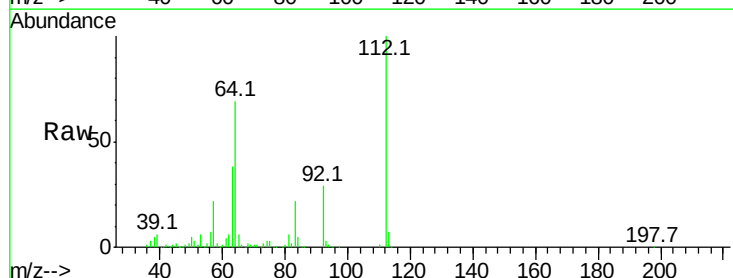
Tgt Ion:112 Resp: 229974

Ion Ratio Lower Upper

112 100

64 68.9 61.8 92.6

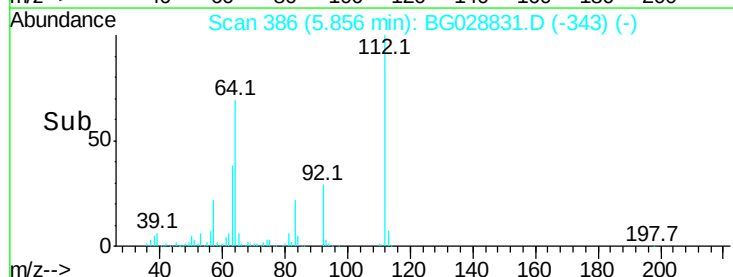
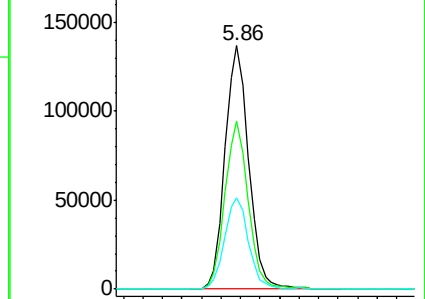
63 37.8 37.2 55.8

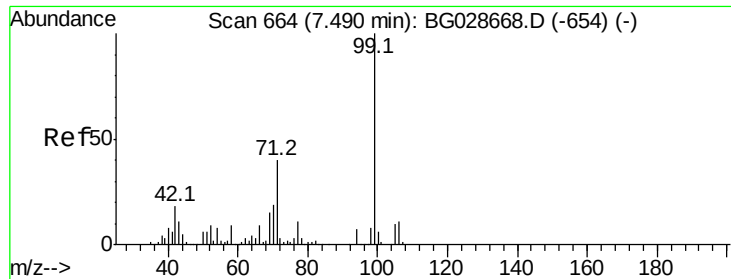


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.826 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028831.D

Acq: 20 Sep 2017 14:36

Instrument :

BNA_G

ClientSampleId :

RL-1-0-12.25-SPLP

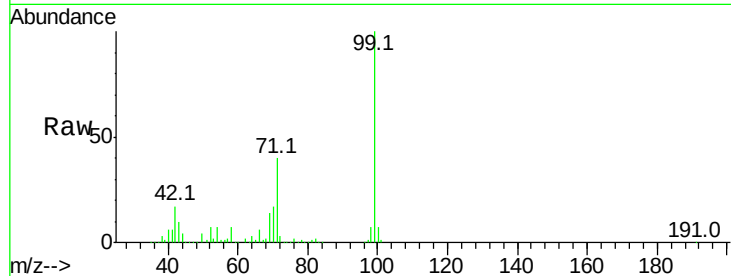
Tot Ion: 99 Resp: 311745

Ion Ratio Lower Upper

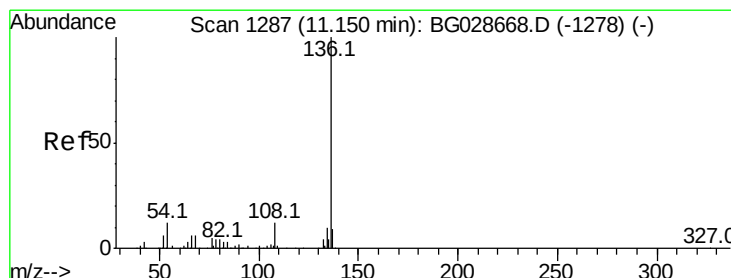
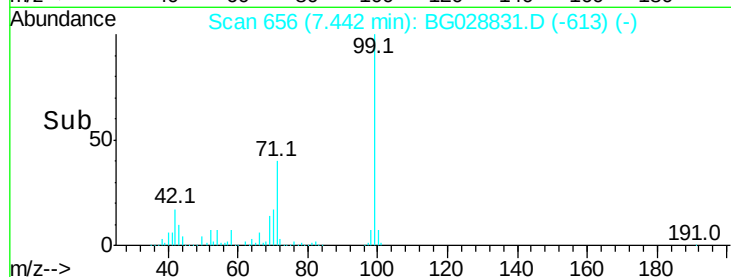
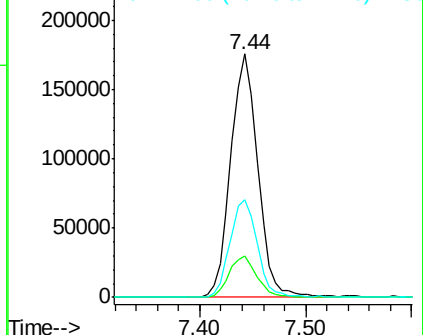
99 100

42 16.9 20.5 30.7#

71 40.3 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: 20.000 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028831.D

Acq: 20 Sep 2017 14:36

Tgt Ion: 136 Resp: 125200

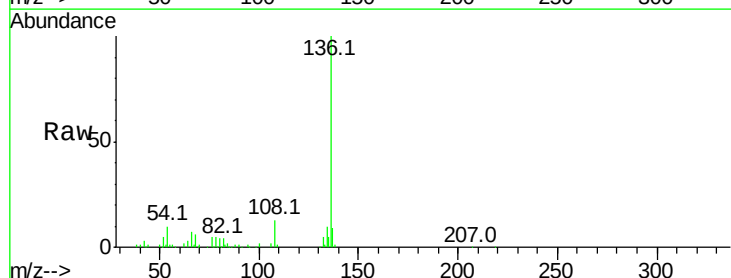
Ion Ratio Lower Upper

136 100

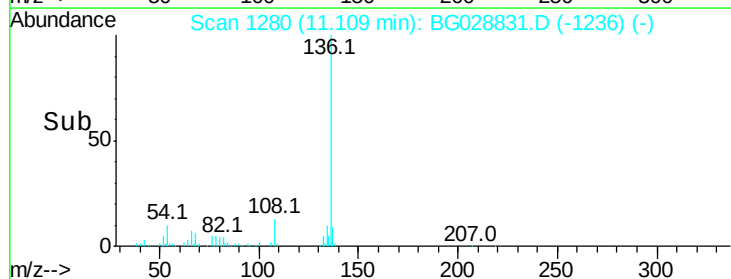
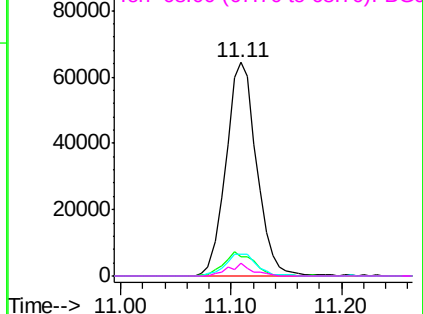
137 9.2 8.9 13.3

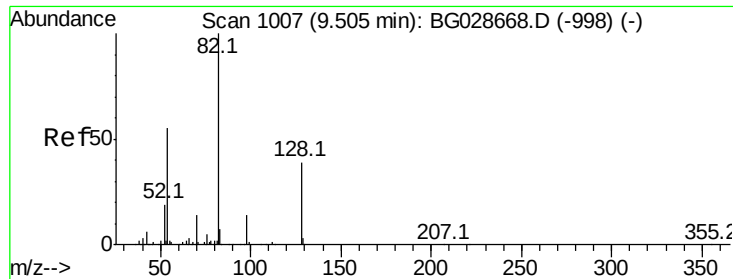
54 10.5 9.3 13.9

68 6.2 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

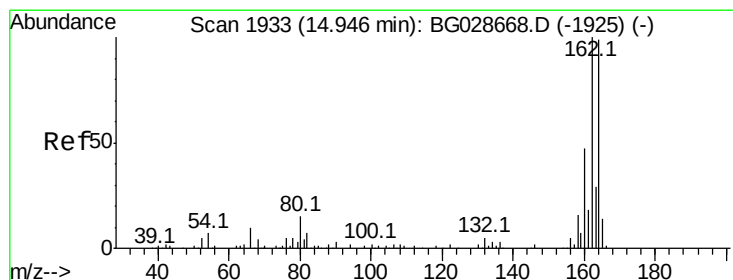
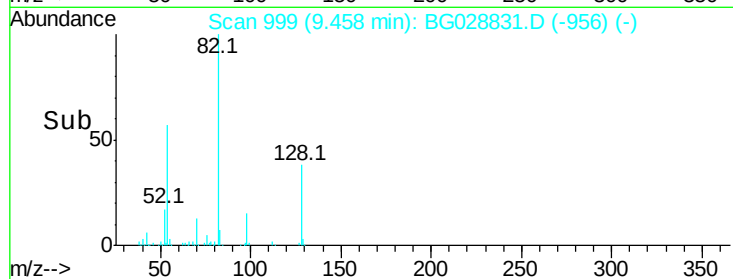
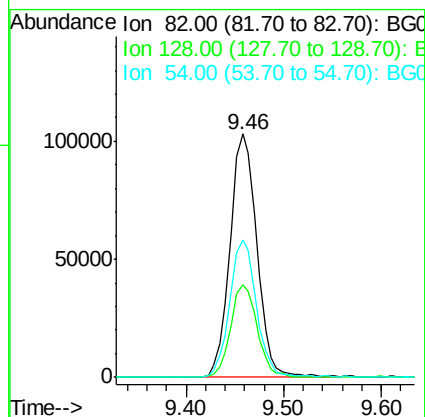
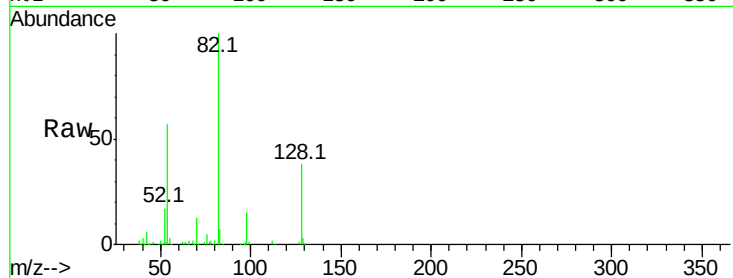




#23
Nitrobenzene-d5
Concen: 75.583 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028831.D
Acq: 20 Sep 2017 14:36

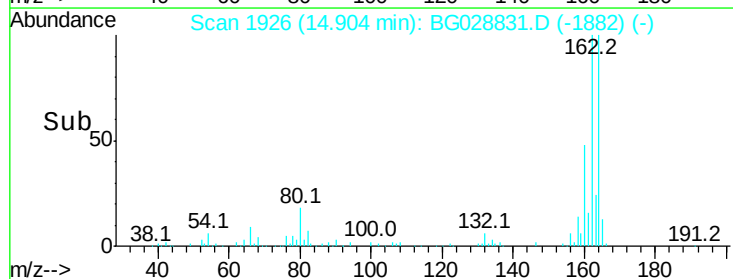
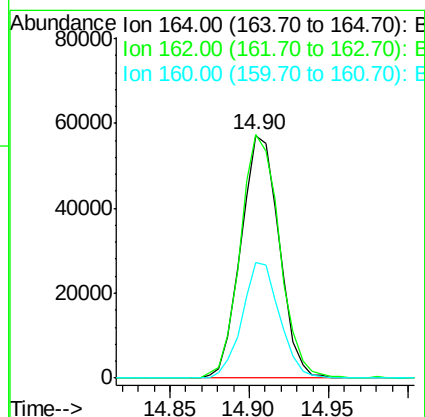
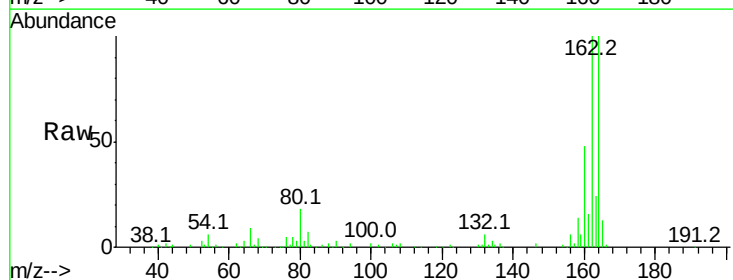
Instrument :
BNA_G
ClientSampleId :
RL-1-0-12.25-SPLP

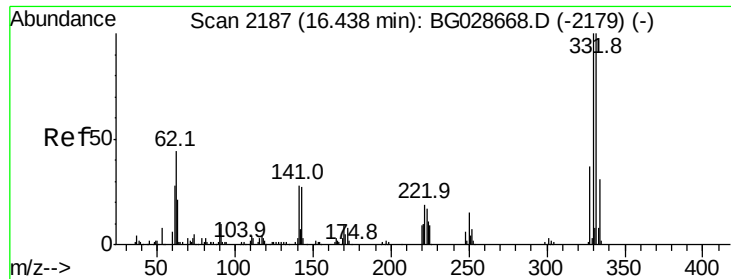
Tot Ion	82	Resp	197816
Ion Ratio	100	Lower	Upper
128	37.9	26.4	39.6
54	56.7	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028831.D
Acq: 20 Sep 2017 14:36

Tgt Ion	164	Resp	95643
Ion Ratio	100	Lower	Upper
162	100.5	85.1	127.7
160	47.9	34.7	52.1

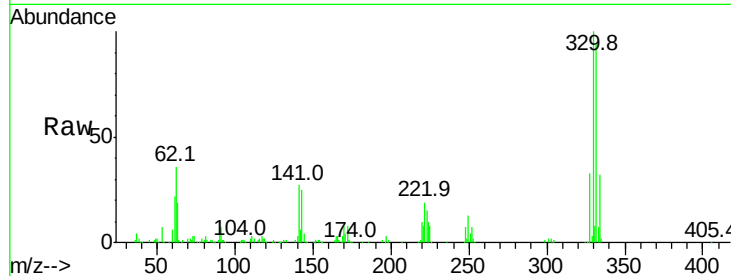




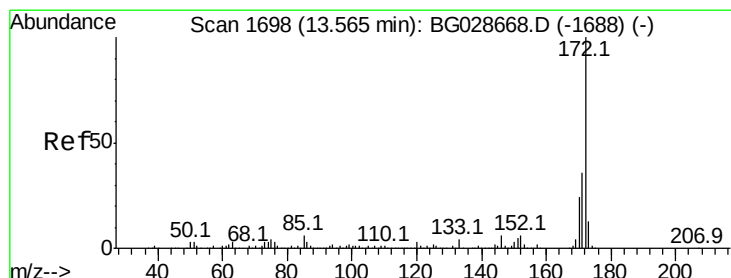
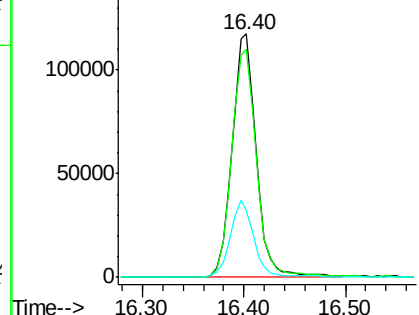
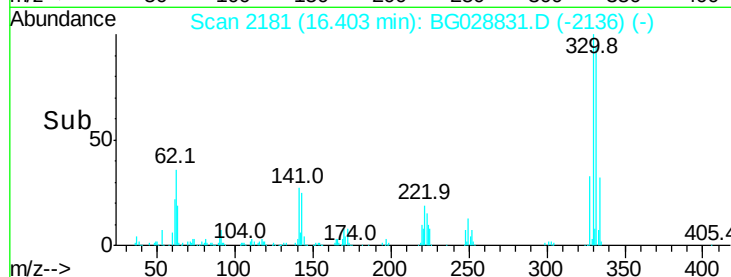
#41
 2,4,6-Tribromophenol
 Concen: 122.453 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028831.D
 Acq: 20 Sep 2017 14:36

Instrument :
 BNA_G
 ClientSampleId :
 RL-1-0-12.25-SPLP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	31.2	32.1	48.1#

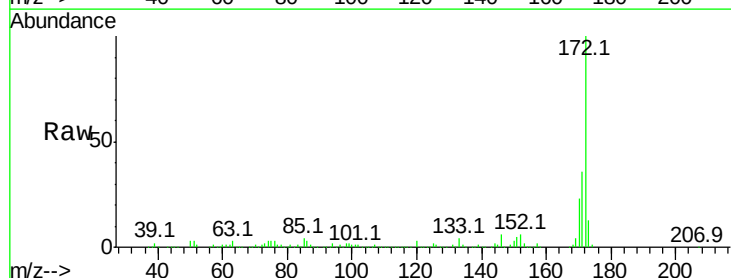


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

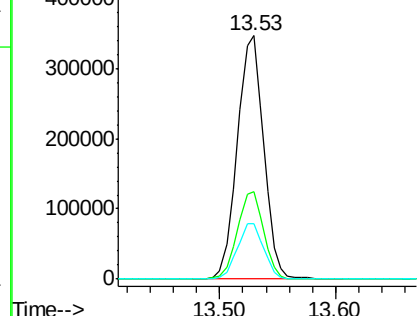
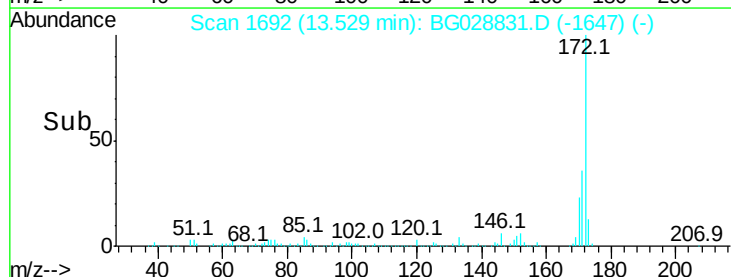


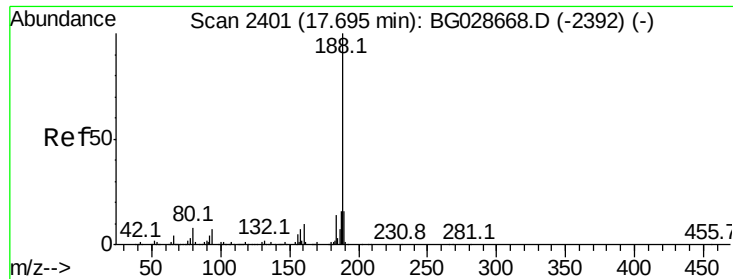
#44
 2-Fluorobiphenyl
 Concen: 76.606 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028831.D
 Acq: 20 Sep 2017 14:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	32.2	48.2
170	22.8	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

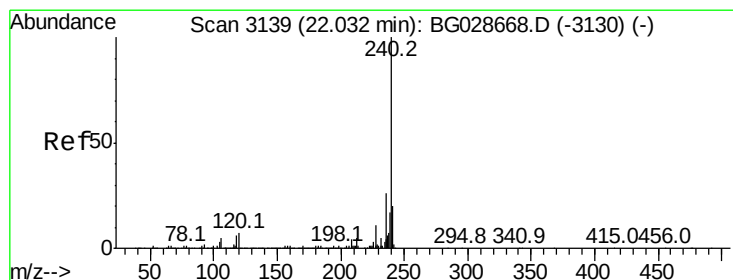
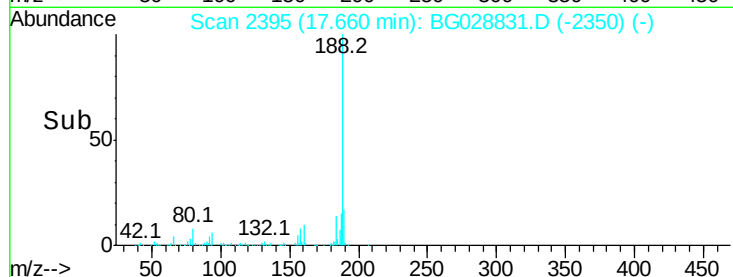
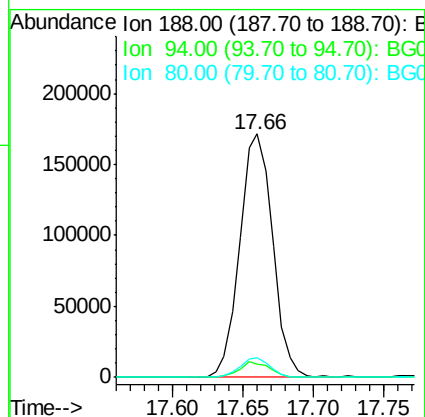
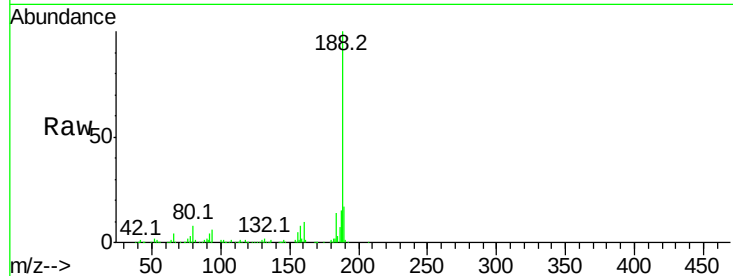




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028831.D
Acq: 20 Sep 2017 14:36

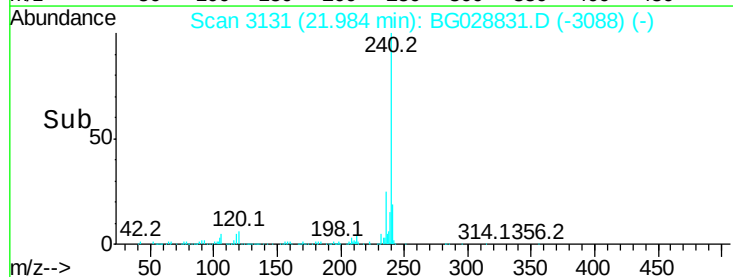
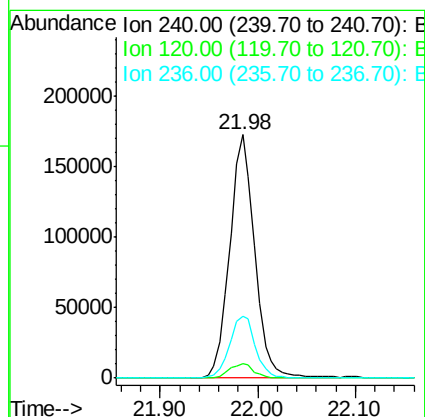
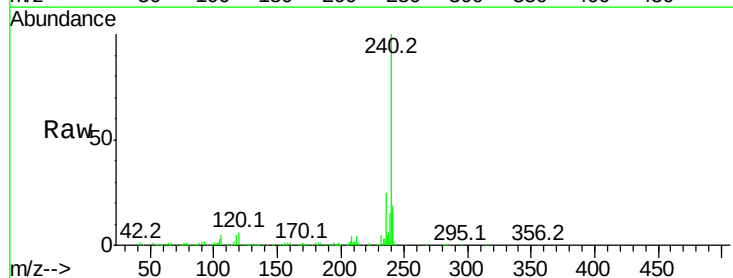
Instrument :
BNA_G
ClientSampleId :
RL-1-0-12.25-SPLP

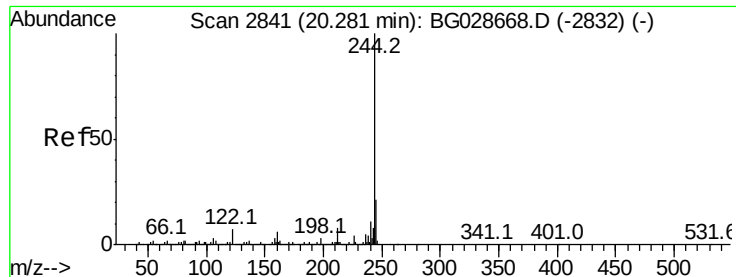
Tot Ion:188 Resp: 279494
Ion Ratio Lower Upper
188 100
94 5.6 5.8 8.8#
80 7.9 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028831.D
Acq: 20 Sep 2017 14:36

Tgt Ion:240 Resp: 307294
Ion Ratio Lower Upper
240 100
120 6.2 5.7 8.5
236 25.4 22.2 33.4





#78

Terphenyl-d14

Concen: 79.157 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028831.D

Acq: 20 Sep 2017 14:36

Instrument :

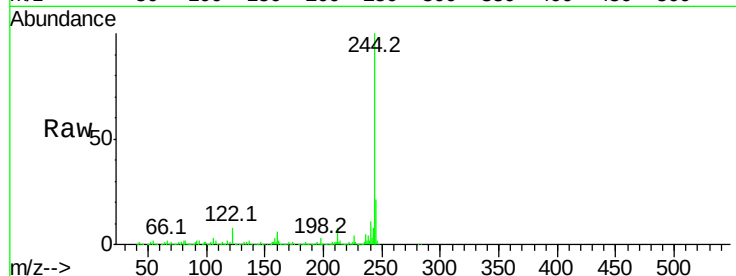
BNA_G

ClientSampleId :

RL-1-0-12.25-SPLP

Tot Ion:244 Resp: 1140614

Ion	Ratio	Lower	Upper
244	100		
212	7.6	10.0	15.0#
122	7.7	8.6	12.8#

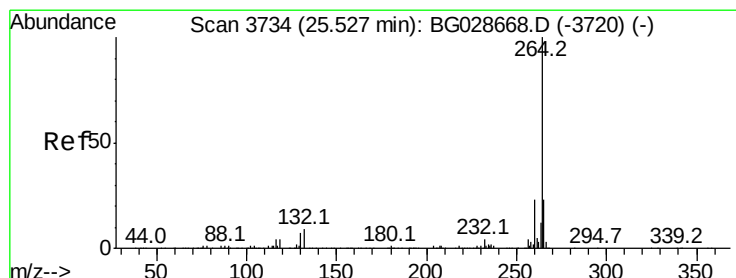
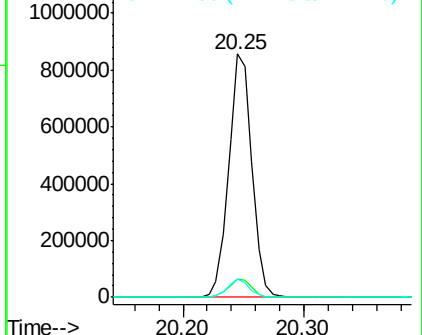
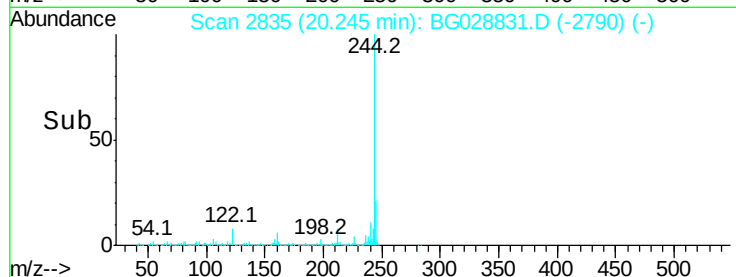


Abundance

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

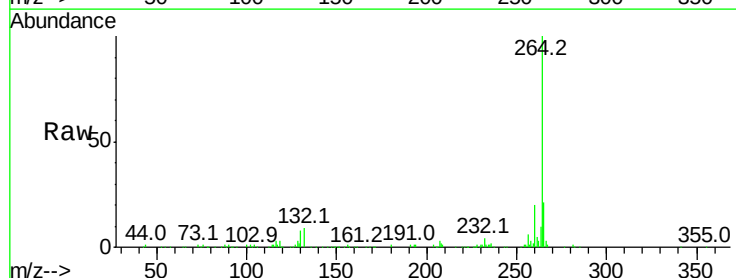
Delta R.T. -0.08 min

Lab File: BG028831.D

Acq: 20 Sep 2017 14:36

Tgt Ion:264 Resp: 310381

Ion	Ratio	Lower	Upper
264	100		
260	20.3	21.8	32.8#
265	21.3	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

