

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
 Data File : BG028949.D
 Acq On : 27 Sep 2017 19:04
 Operator : SJ/JU
 Sample : PB102649TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102649TB

Quant Time: Sep 28 01:27:19 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	8.28	152	23266	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	95619	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	72672	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	225978	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	265453	20.00	ng	-0.06
86) Perylene-d12	25.42	264	264185	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	190759	135.29	ng	-0.06
7) Phenol-d6	7.43	99	253622	119.47	ng	-0.06
23) Nitrobenzene-d5	9.45	82	161424	80.76	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	159824	132.97	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	426353	78.23	ng	-0.05
78) Terphenyl-d14	20.24	244	1043342	83.82	ng	-0.04

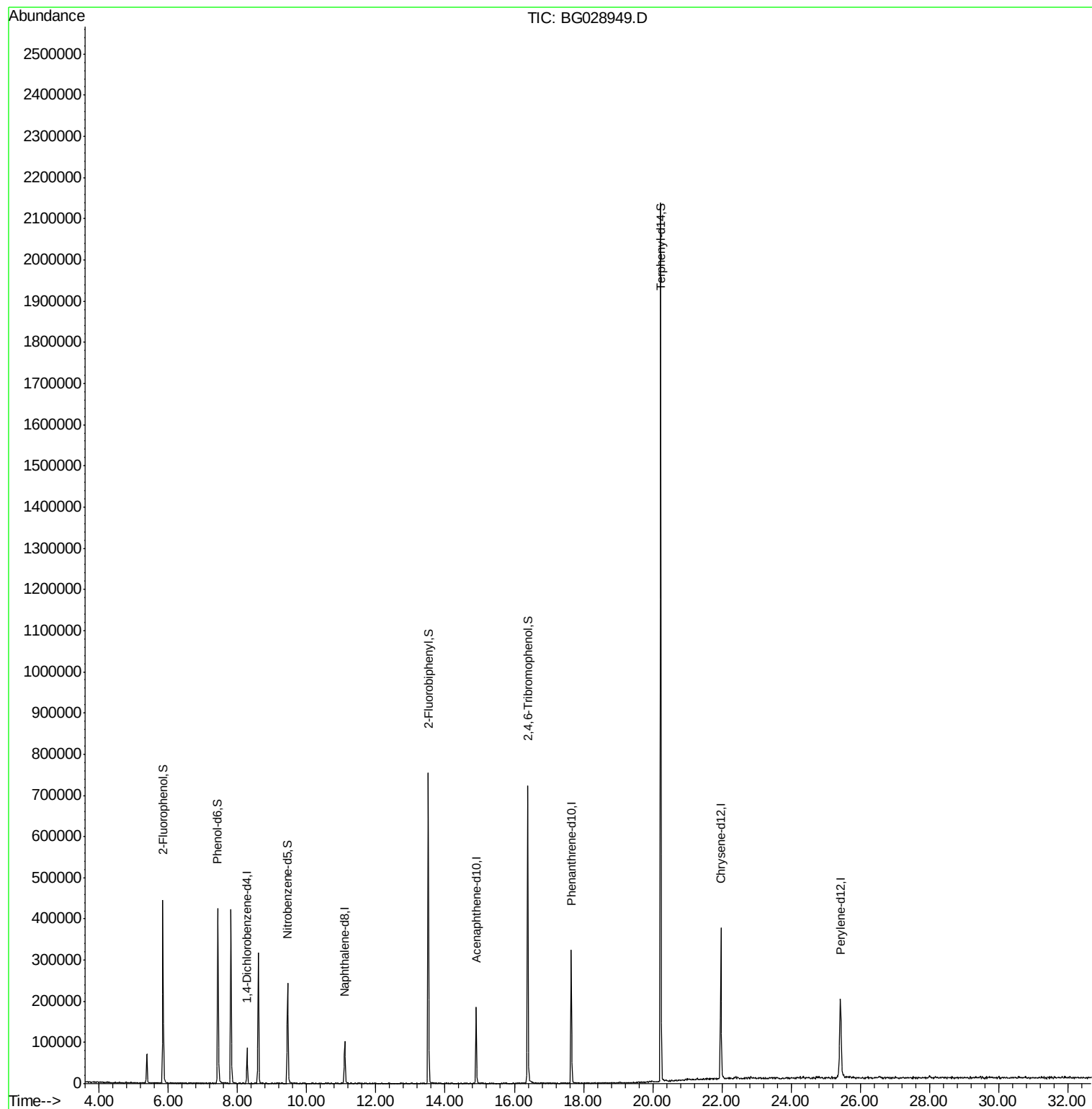
Target Compounds Qvalue

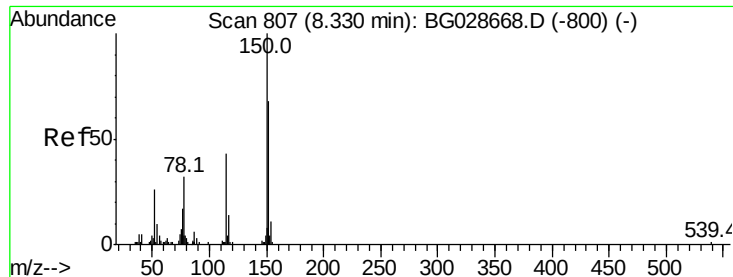
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
Data File : BG028949.D
Acq On : 27 Sep 2017 19:04
Operator : SJ/JU
Sample : PB102649TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102649TB

Quant Time: Sep 28 01:27:19 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



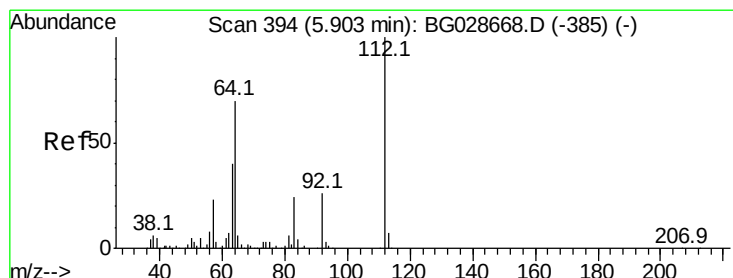
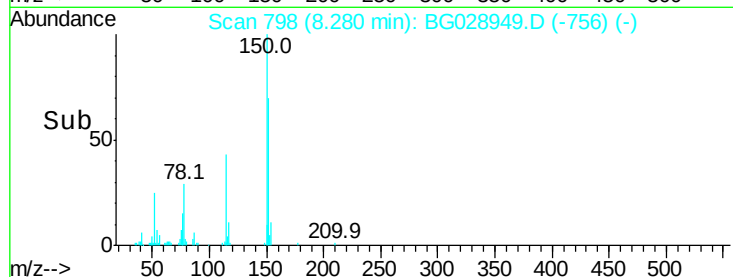
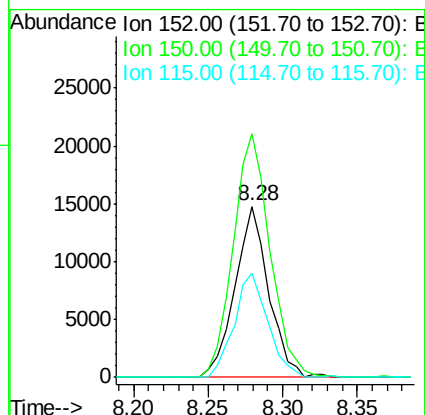
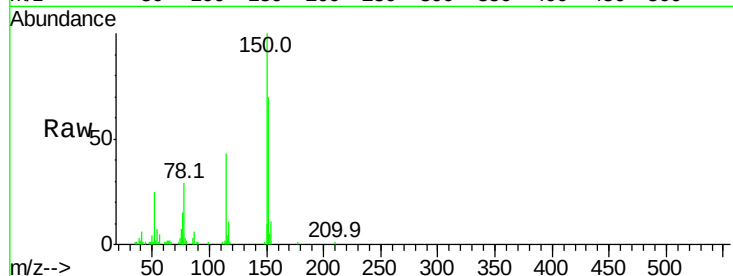


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028949.D
Acq: 27 Sep 2017 19:04

Instrument :
BNA_G
ClientSampled :
PB102649TB

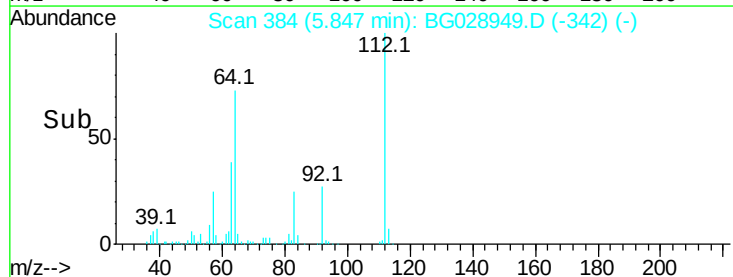
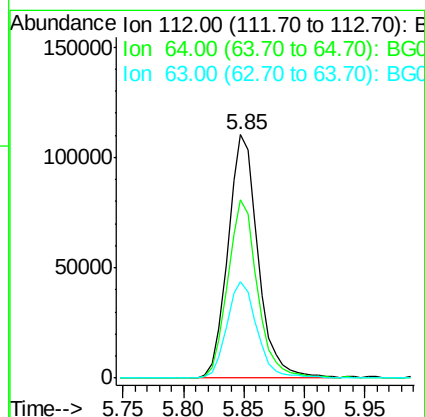
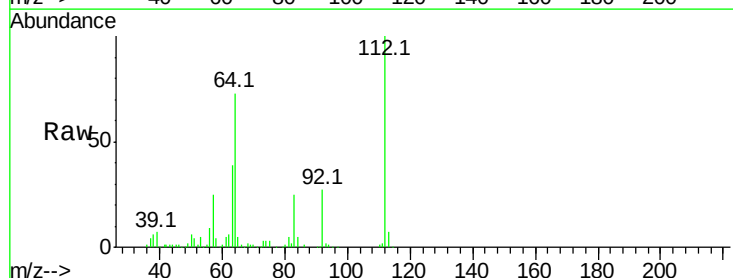
Tot Ion:152 Resp: 23266
Ion Ratio Lower Upper
152 100
150 142.6 114.0 171.0
115 61.0 48.1 72.1

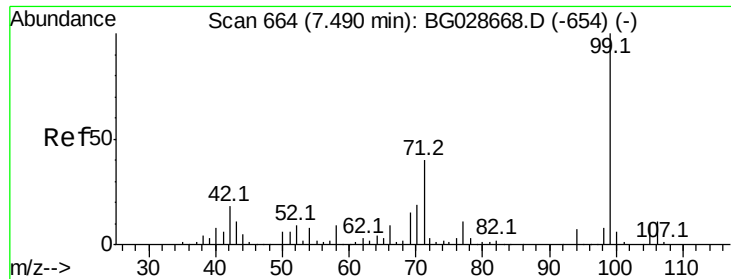


#5

2-Fluorophenol
Concen: 135.288 ng
RT: 5.85 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028949.D
Acq: 27 Sep 2017 19:04

Tgt Ion:112 Resp: 190759
Ion Ratio Lower Upper
112 100
64 73.2 61.8 92.6
63 39.4 37.2 55.8





#7

Phenol-d6

Concen: 119.467 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028949.D

Acq: 27 Sep 2017 19:04

Instrument :

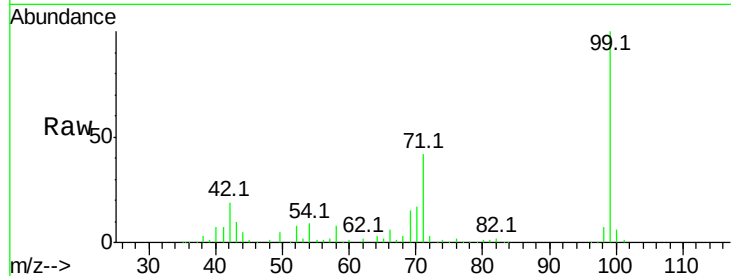
BNA_G

ClientSampleId :

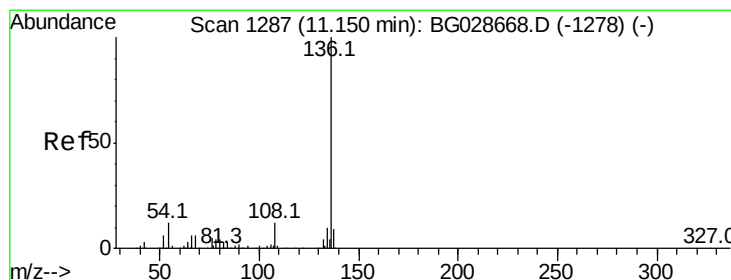
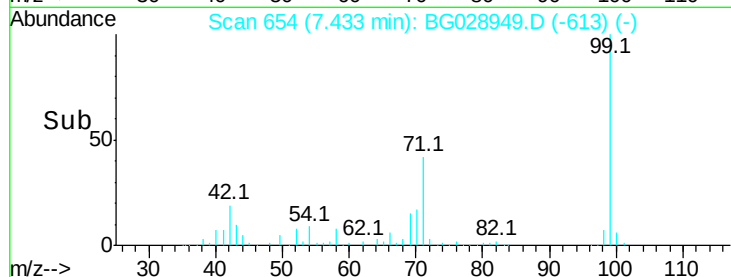
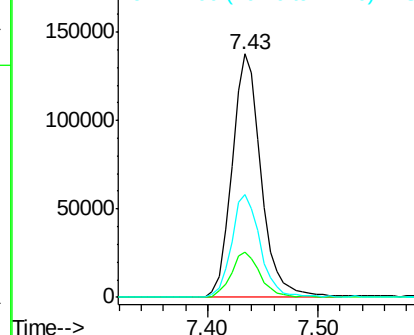
PB102649TB

Tot Ion: 99 Resp: 253622

Ion	Ratio	Lower	Upper
99	100		
42	18.8	20.5	30.7#
71	42.4	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: 11.10 min Scan# 1278

Delta R.T. -0.05 min

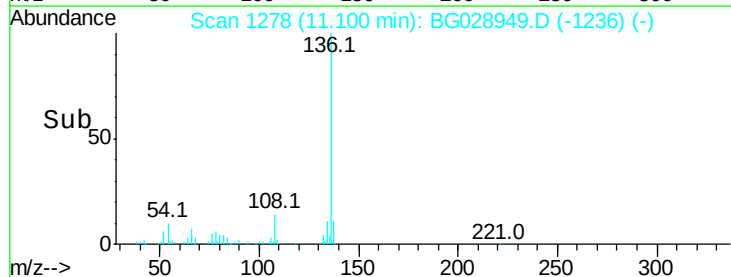
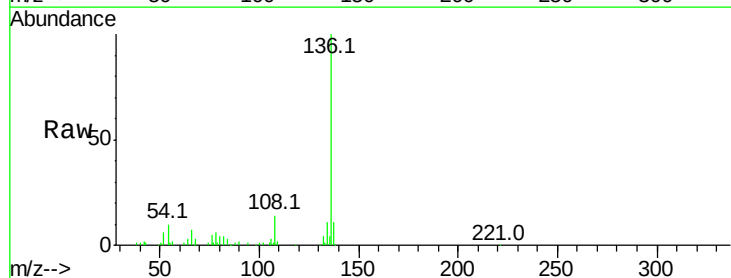
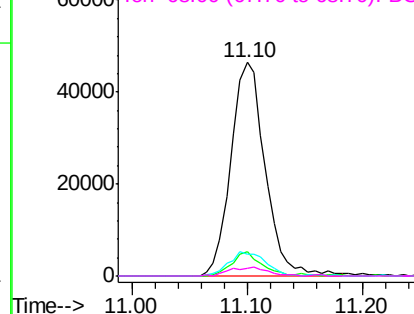
Lab File: BG028949.D

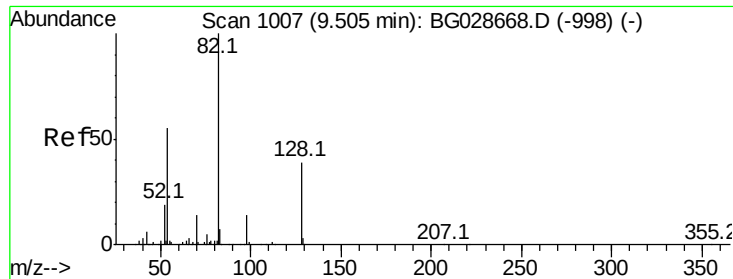
Acq: 27 Sep 2017 19:04

Tgt Ion: 136 Resp: 95619

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.2	9.3	13.9
68	3.4	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: 80.759 ng

RT: 9.45 min Scan# 997

Delta R.T. -0.06 min

Lab File: BG028949.D

Acq: 27 Sep 2017 19:04

Instrument :

BNA_G

ClientSampleId :

PB102649TB

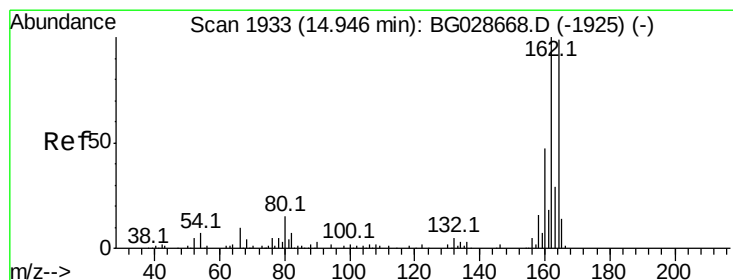
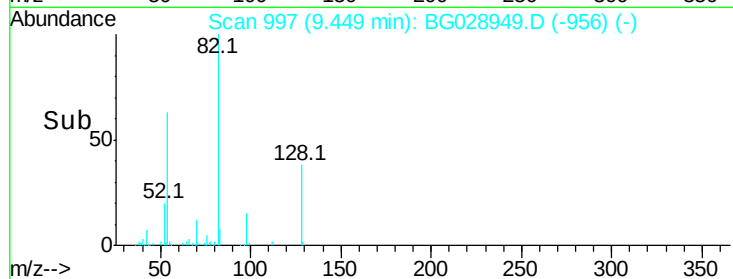
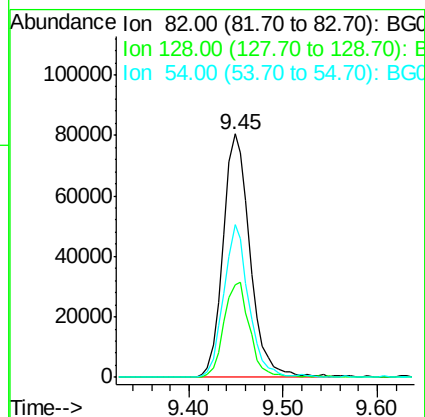
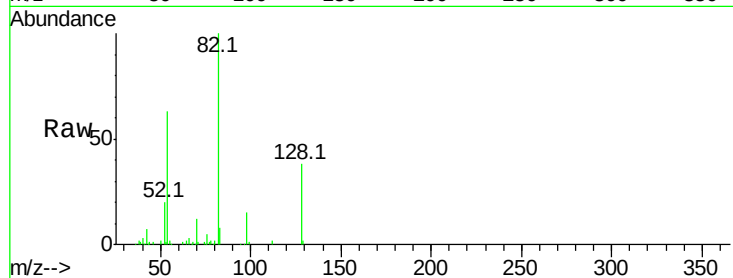
Tot Ion: 82 Resp: 161424

Ion Ratio Lower Upper

82 100

128 38.1 26.4 39.6

54 62.8 49.4 74.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.90 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028949.D

Acq: 27 Sep 2017 19:04

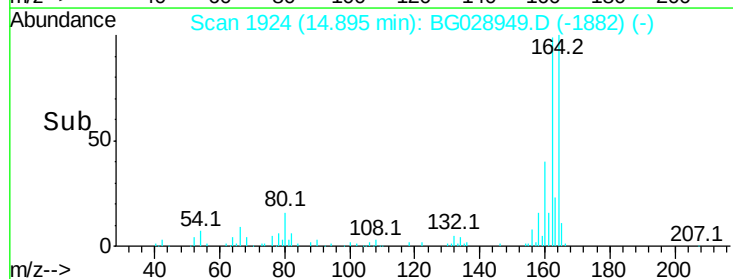
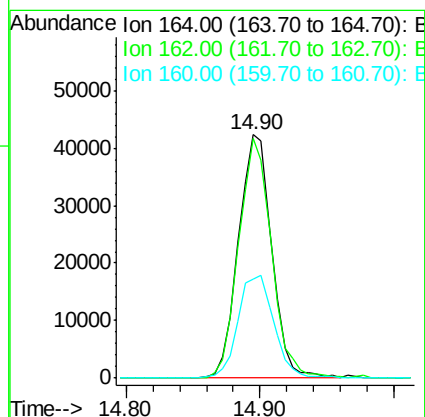
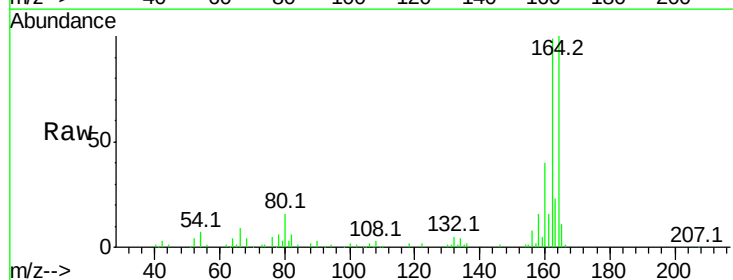
Tgt Ion: 164 Resp: 72672

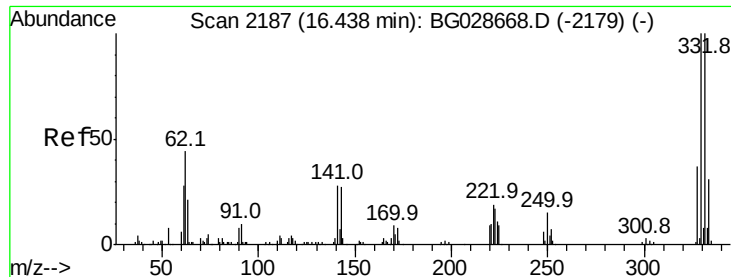
Ion Ratio Lower Upper

164 100

162 98.5 85.1 127.7

160 40.5 34.7 52.1

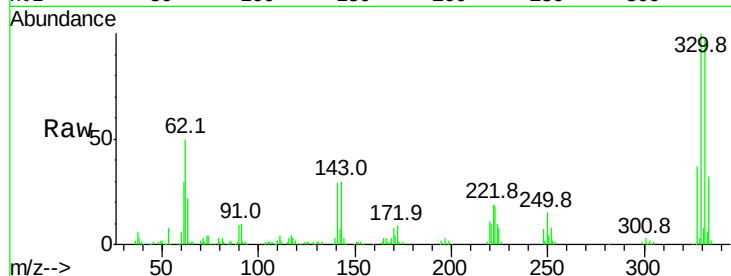




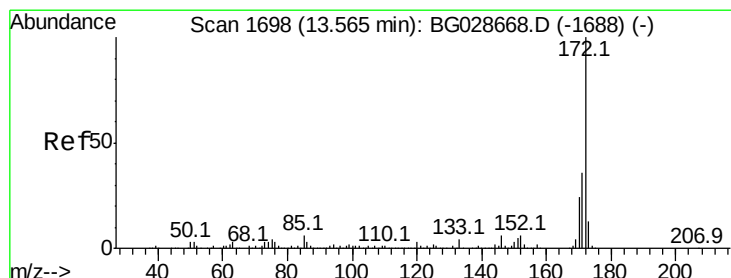
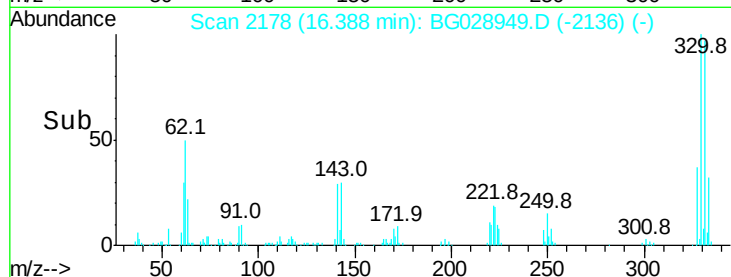
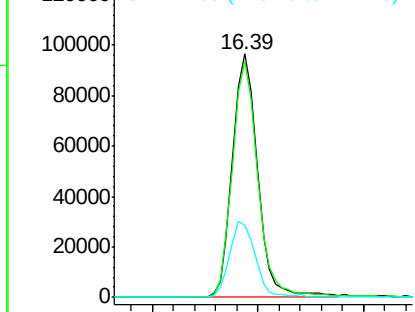
#41
 2,4,6-Tribromophenol
 Concen: 132.971 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028949.D
 Acq: 27 Sep 2017 19:04

Instrument :
 BNA_G
 ClientSampleId :
 PB102649TB

Tot Ion:330 Resp: 159824
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.3 115.9
 141 32.0 32.1 48.1#

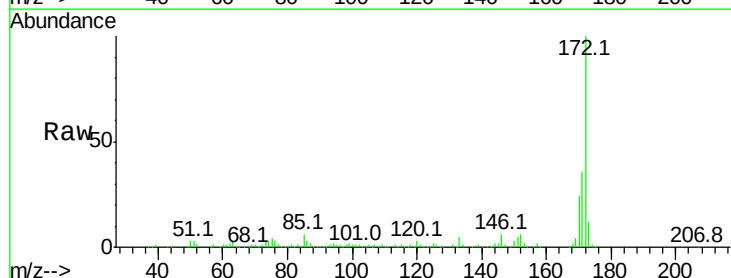


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

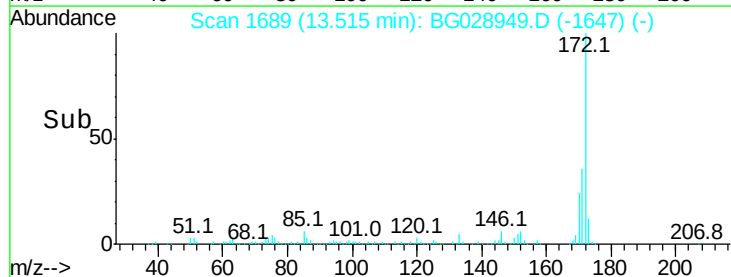
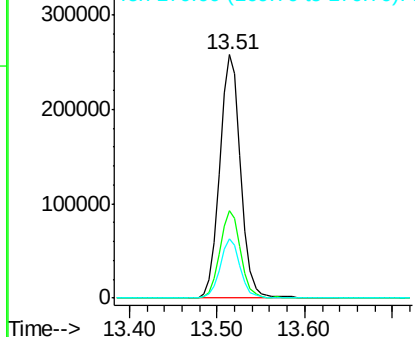


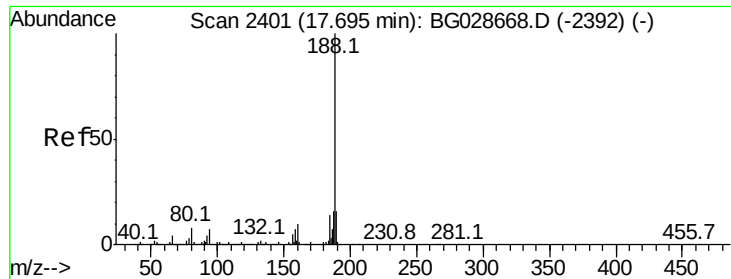
#44
 2-Fluorobiphenyl
 Concen: 78.229 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028949.D
 Acq: 27 Sep 2017 19:04

Tgt Ion:172 Resp: 426353
 Ion Ratio Lower Upper
 172 100
 171 36.1 32.2 48.2
 170 24.3 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

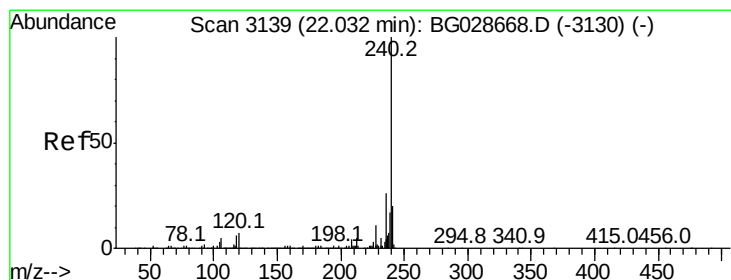
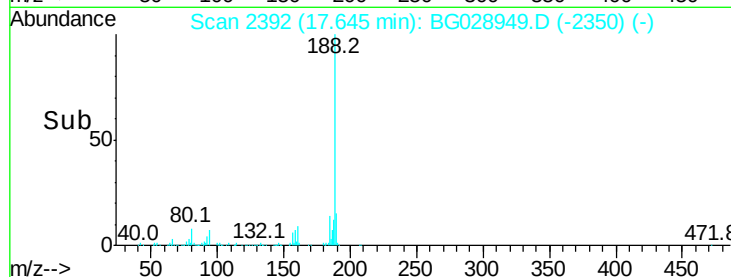
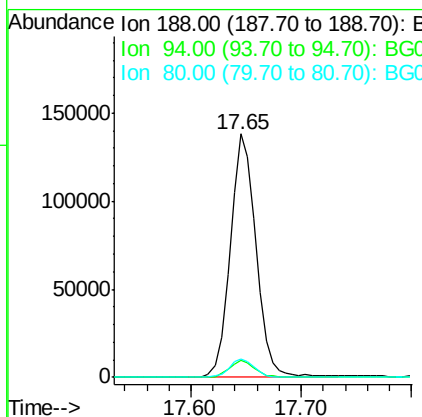
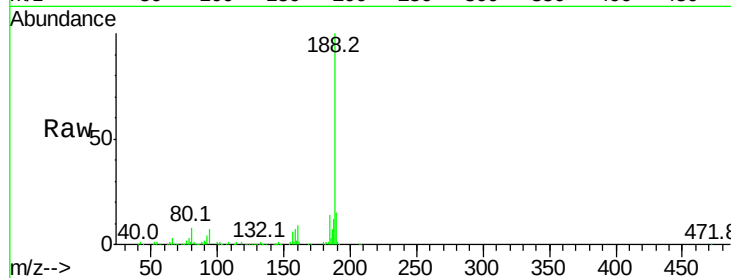




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028949.D
Acq: 27 Sep 2017 19:04

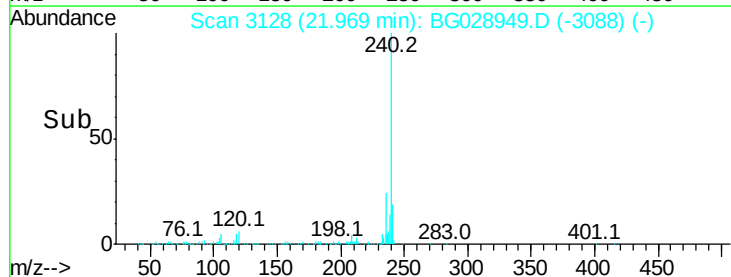
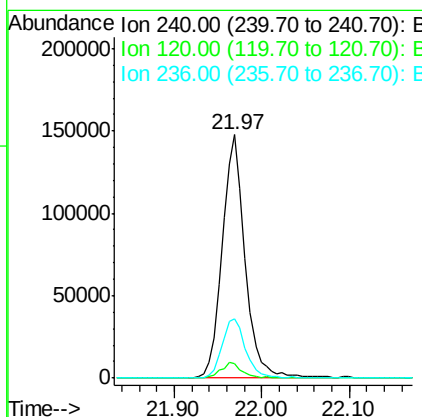
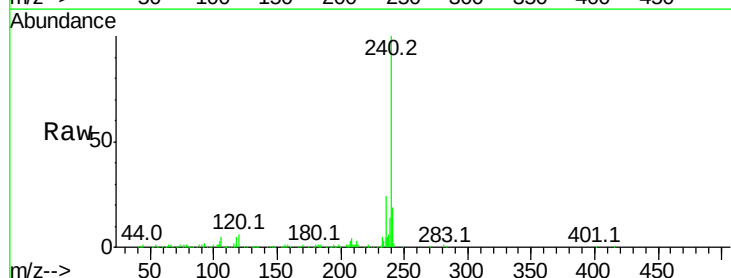
Instrument :
BNA_G
ClientSampleId :
PB102649TB

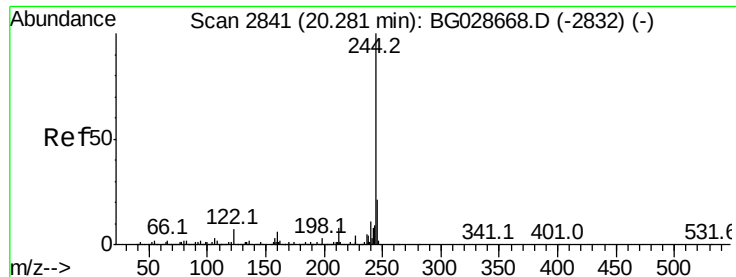
Tot Ion:188 Resp: 225978
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.8
80 7.5 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.06 min
Lab File: BG028949.D
Acq: 27 Sep 2017 19:04

Tgt Ion:240 Resp: 265453
Ion Ratio Lower Upper
240 100
120 5.8 5.7 8.5
236 24.4 22.2 33.4





#78

Terphenyl-d14

Concen: 83.819 ng

RT: 20.24 min Scan# 2833

Delta R.T. -0.04 min

Lab File: BG028949.D

Acq: 27 Sep 2017 19:04

Instrument :

BNA_G

ClientSampleId :

PB102649TB

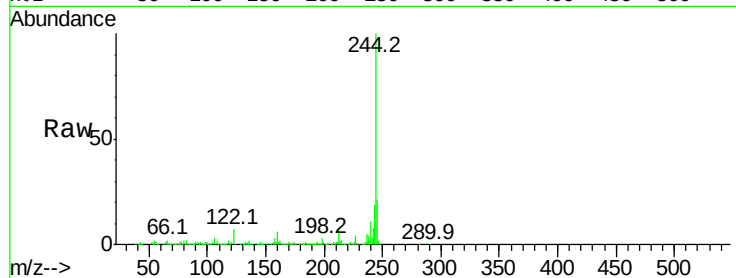
Tot Ion:244 Resp: 1043342

Ion Ratio Lower Upper

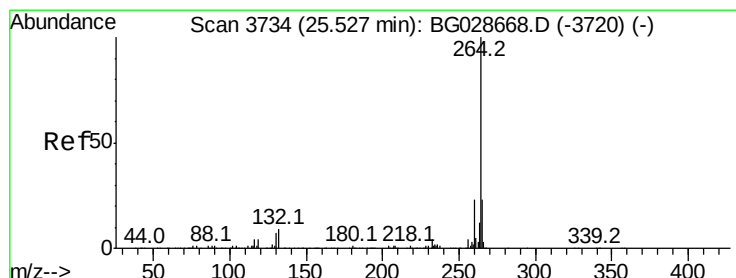
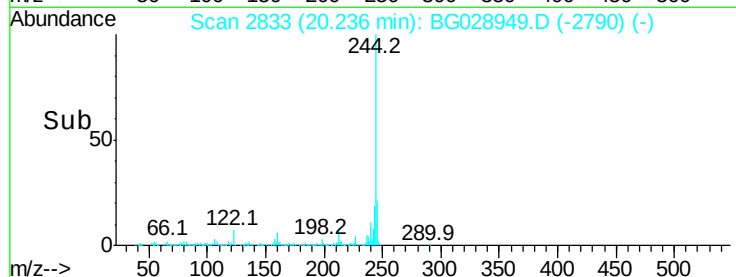
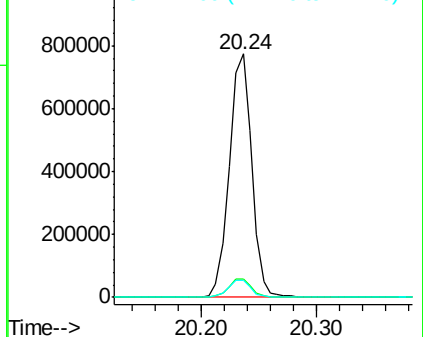
244 100

212 7.8 10.0 15.0#

122 6.8 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: 25.42 min Scan# 3716

Delta R.T. -0.10 min

Lab File: BG028949.D

Acq: 27 Sep 2017 19:04

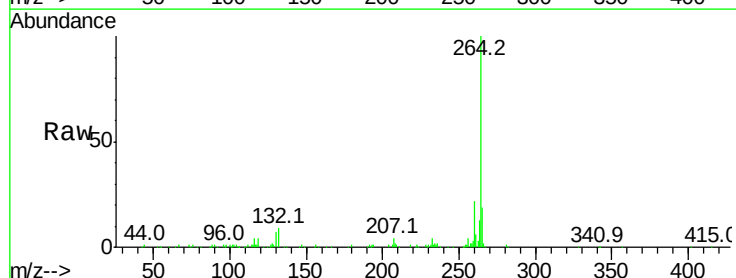
Tgt Ion:264 Resp: 264185

Ion Ratio Lower Upper

264 100

260 22.2 21.8 32.8

265 19.1 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

