

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

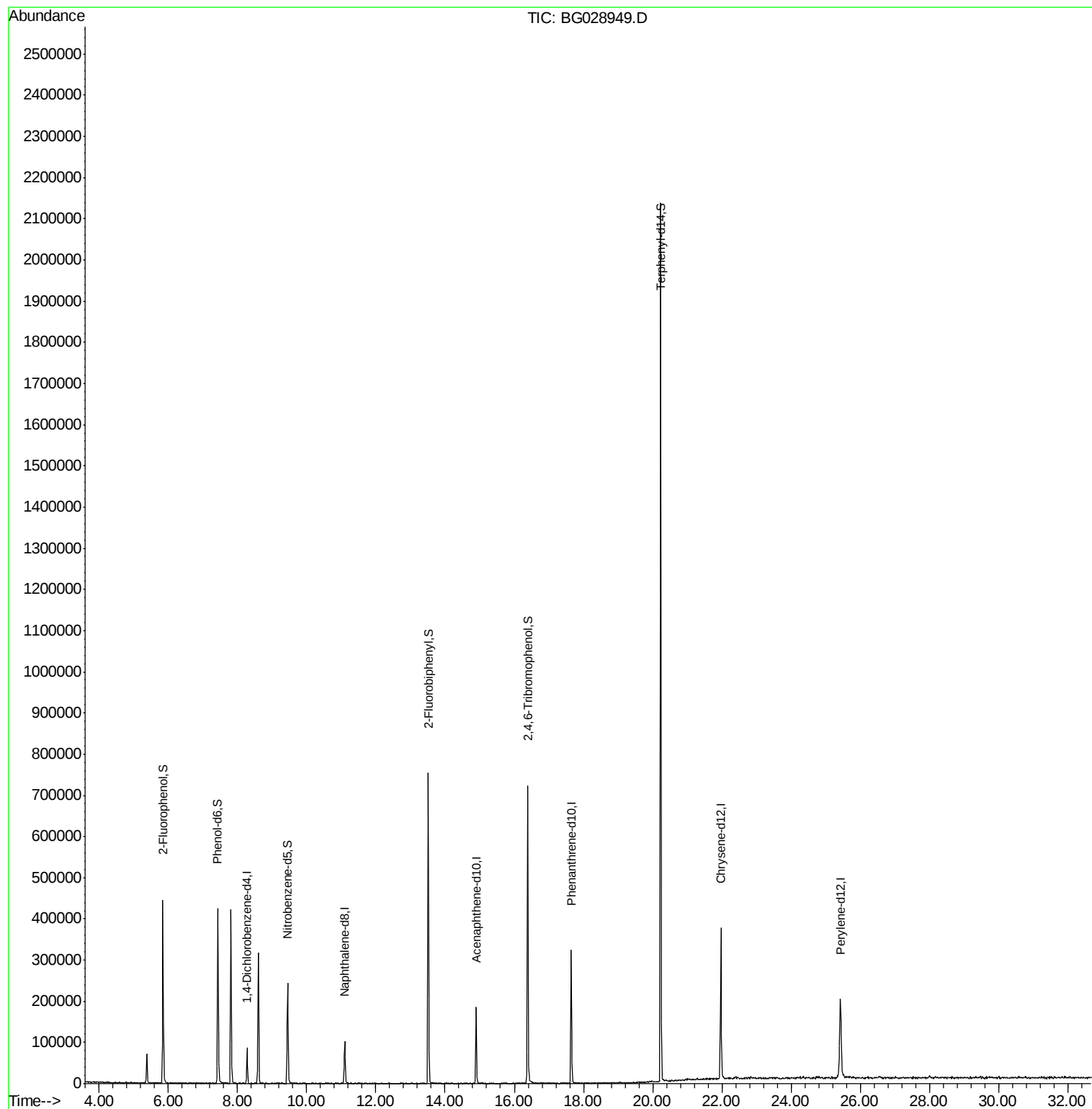
Target Compounds Qvalue

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

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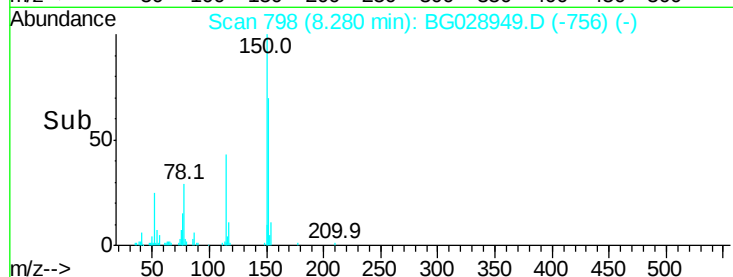
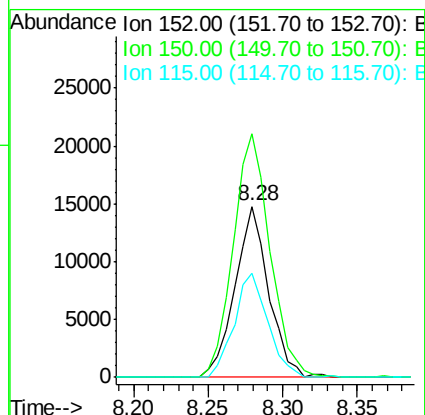
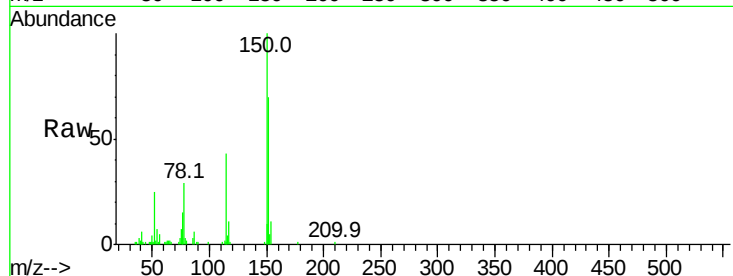


#1

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

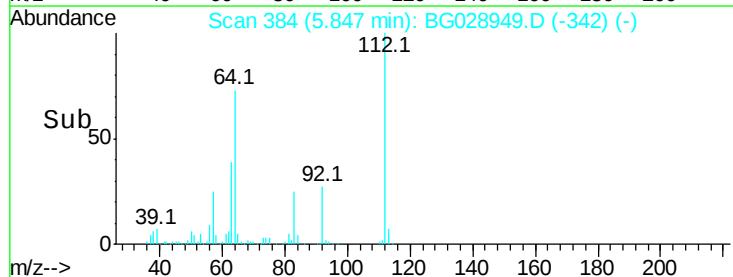
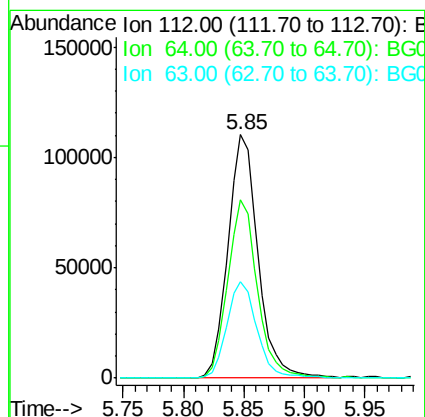
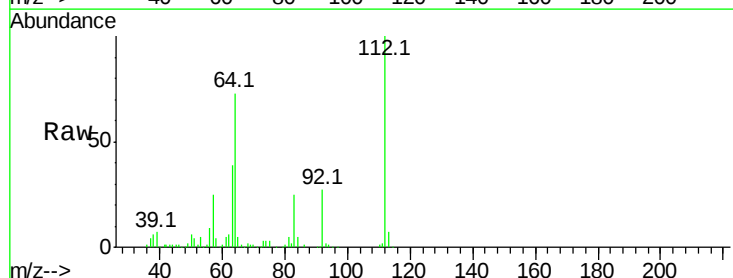
Tot Ion:152 Resp: 23266
Ion Ratio Lower Upper
152 100
150 142.6 114.0 171.0
115 61.0 48.1 72.1



#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

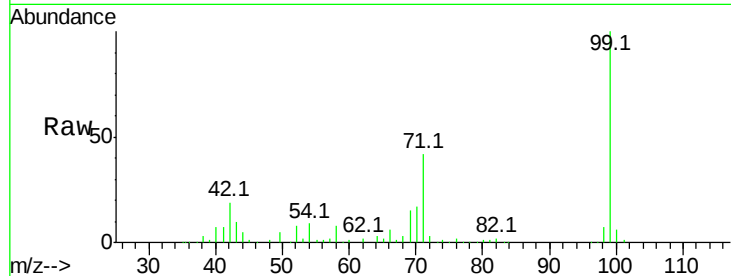
Tot Ion: 99 Resp: 253622

Ion Ratio Lower Upper

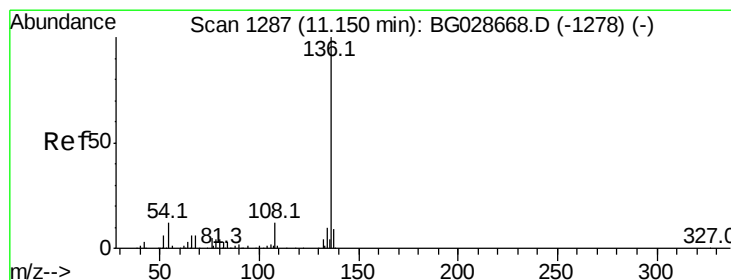
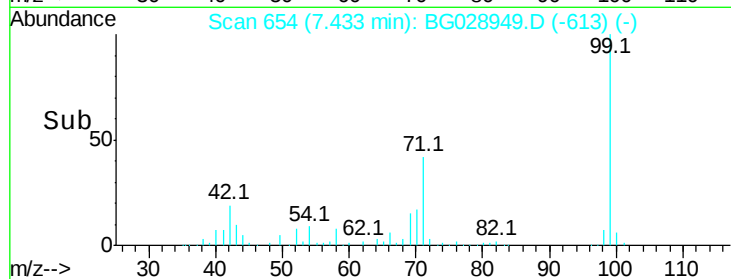
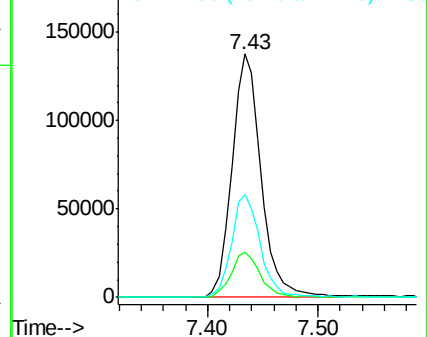
99 100

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

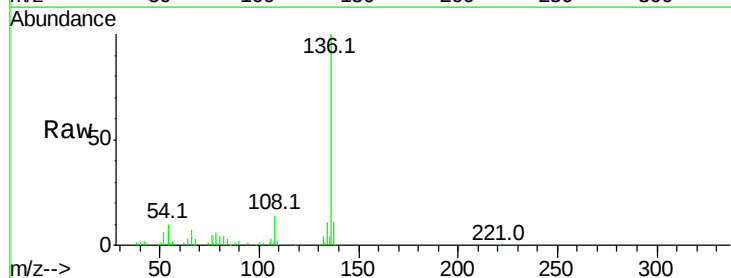
Ion Ratio Lower Upper

136 100

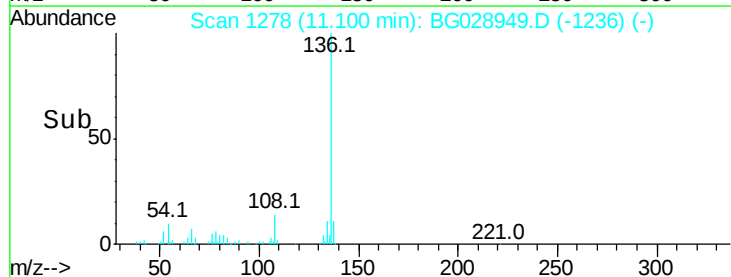
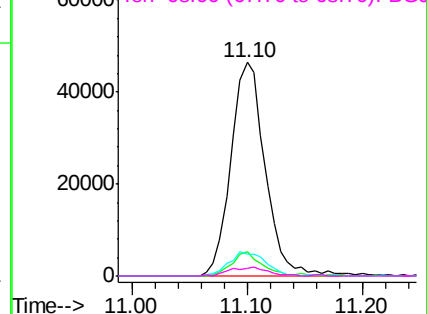
137 11.4 8.9 13.3

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

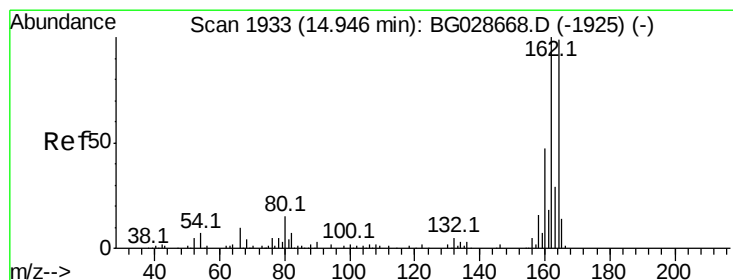
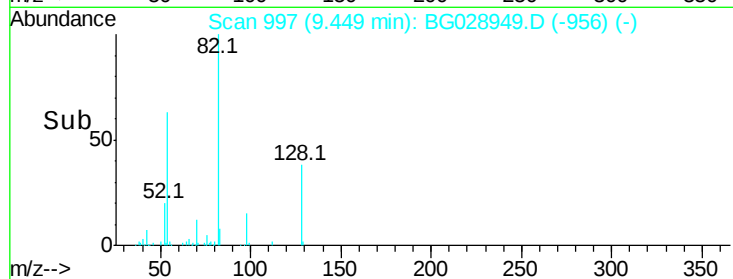
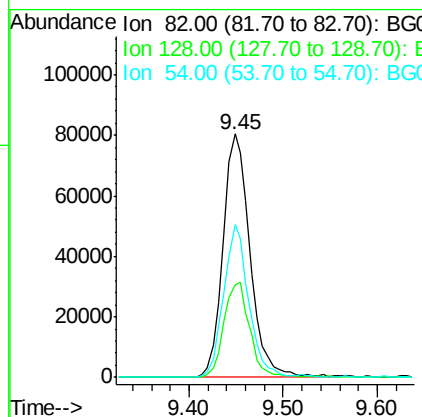
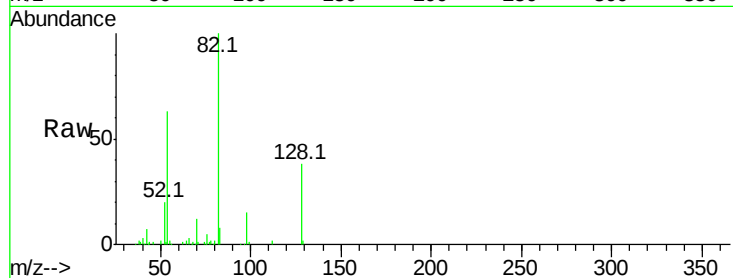




#23
 Nitrobenzene-d5
 Concen: 80.759 ng
 RT: 9.45 min Scan# 997
 Delta R.T. -0.06 min
 Lab File: BG028949.D
 Acq: 27 Sep 2017 19:04

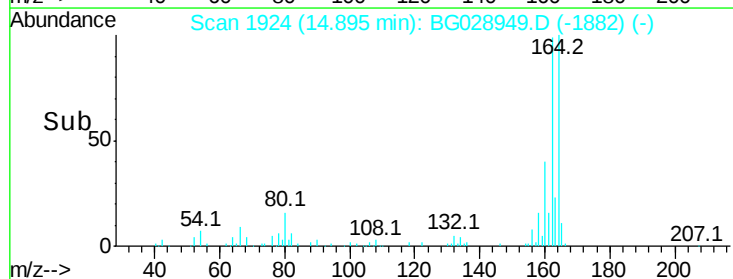
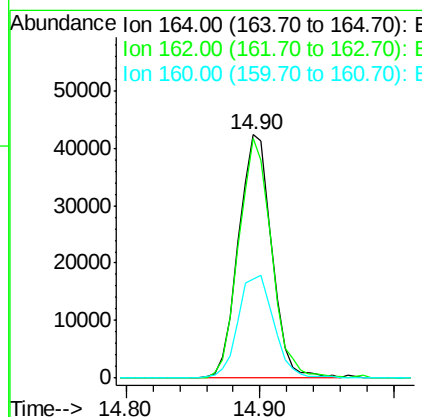
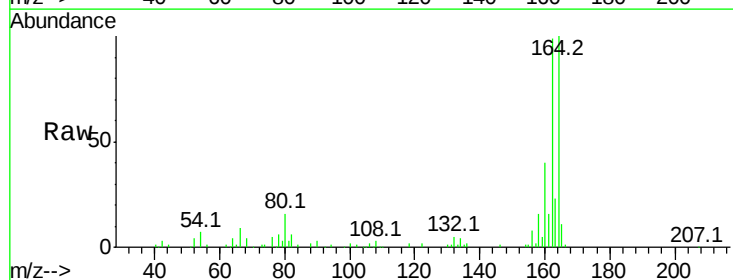
Instrument :
 BNA_G
 ClientSampleId :
 PB102649TB

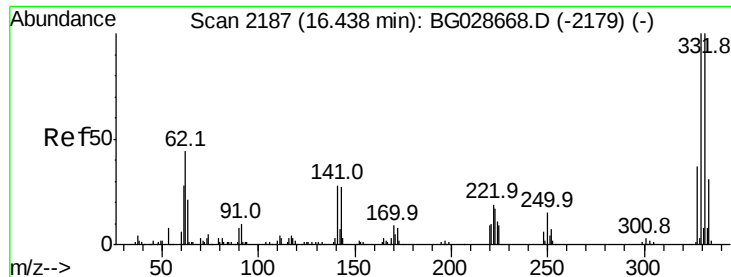
Tot Ion	82	Resp	161424
Ion Ratio	Lower	Upper	
82	100		
128	38.1	26.4	39.6
54	62.8	49.4	74.2



#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

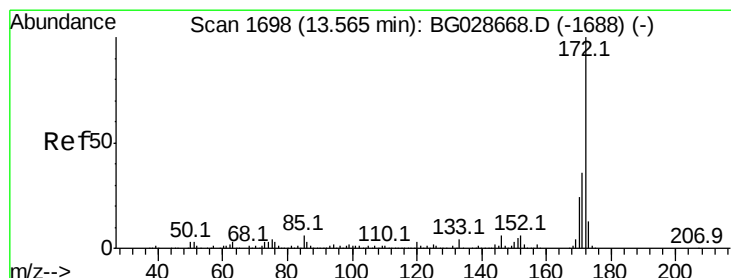
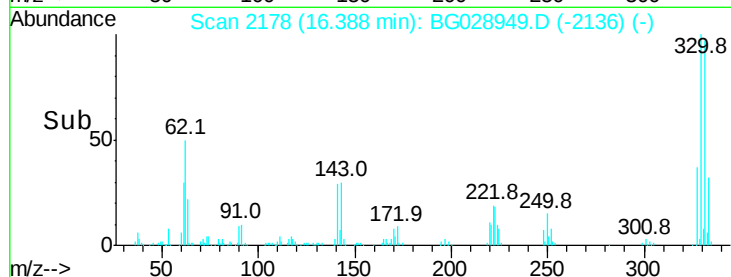
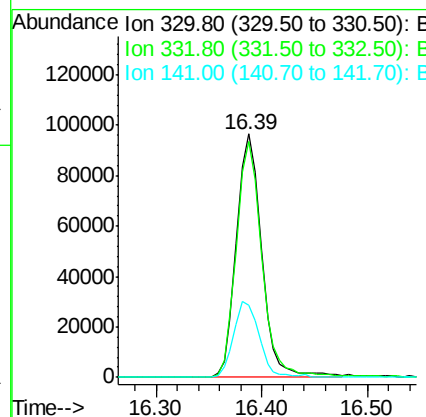
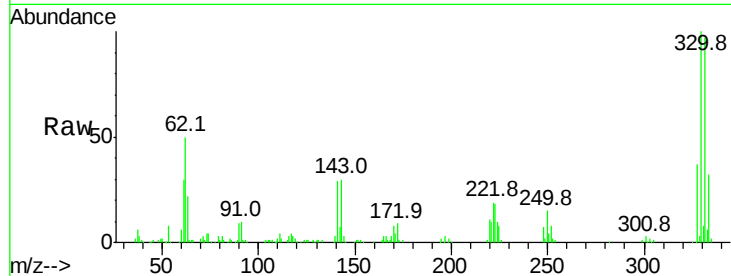




#41
 2,4,6-Tribromophenol
 Concen: 132.971 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028949.D
 Acq: 27 Sep 2017 19:04

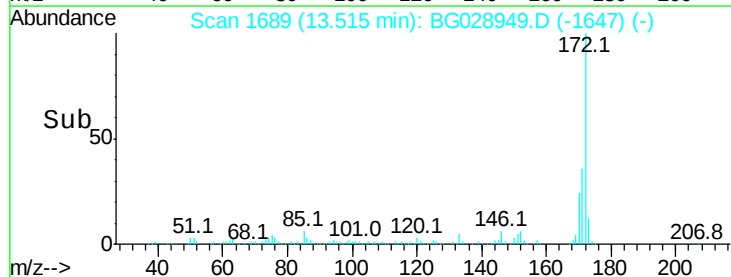
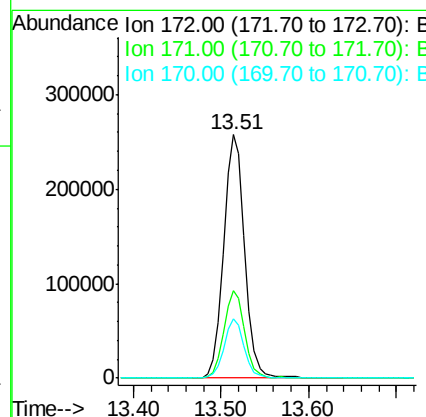
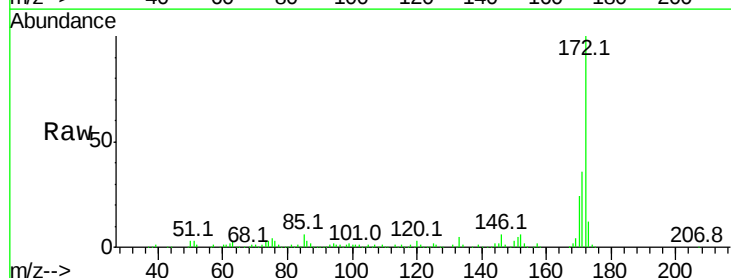
Instrument :
 BNA_G
 ClientSampleId :
 PB102649TB

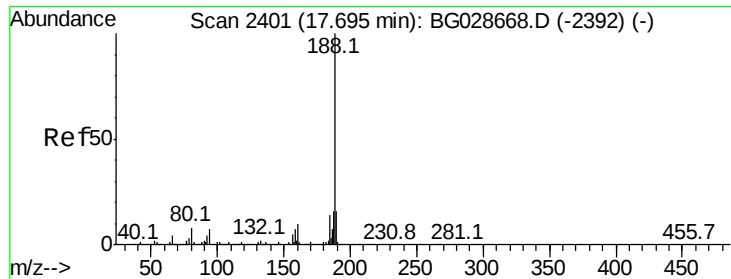
Tot Ion:330 Resp: 159824
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.3 115.9
 141 32.0 32.1 48.1#



#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





#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

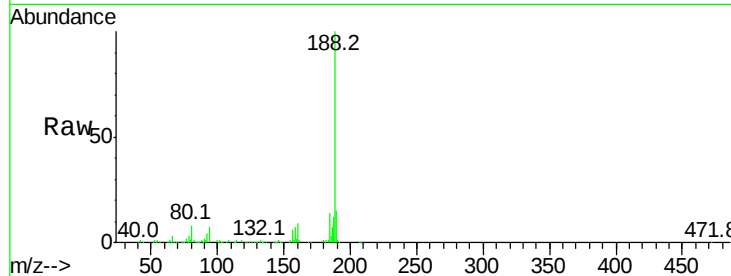
Tot Ion:188 Resp: 225978

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

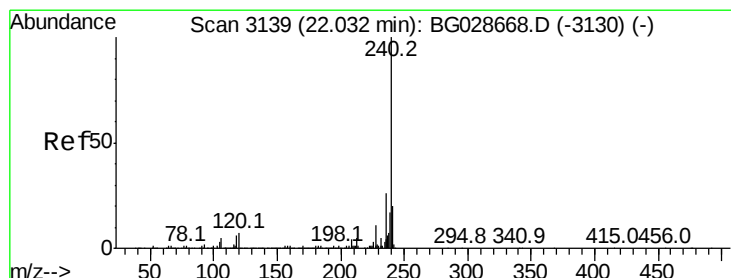
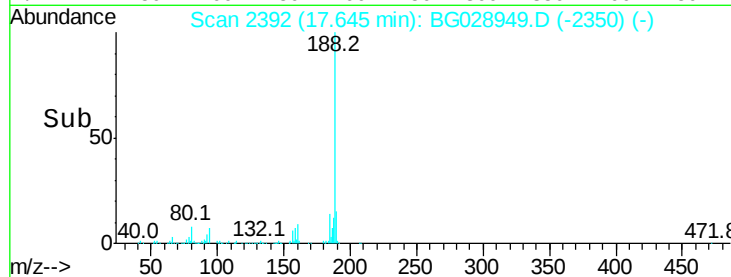
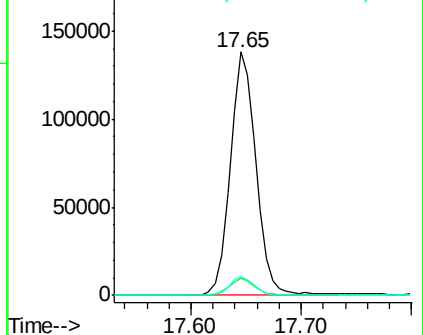
80 7.5 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#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

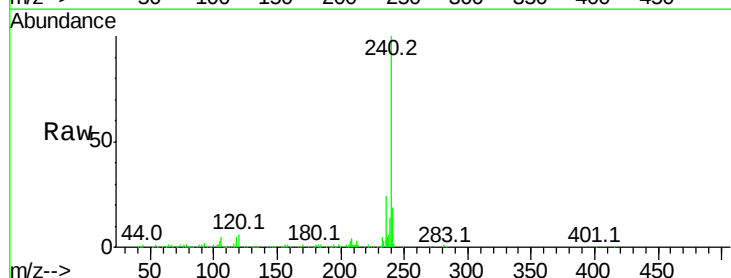
Tgt Ion:240 Resp: 265453

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

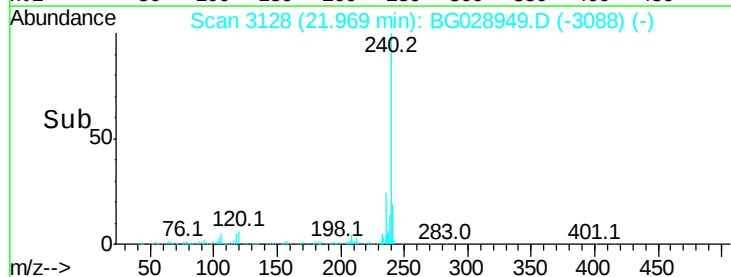
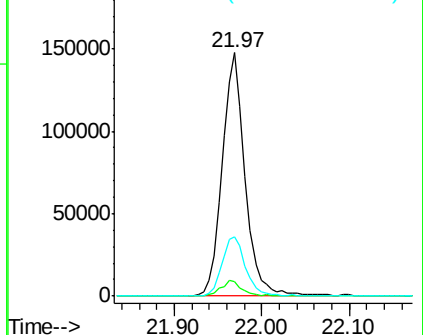
236 24.4 22.2 33.4

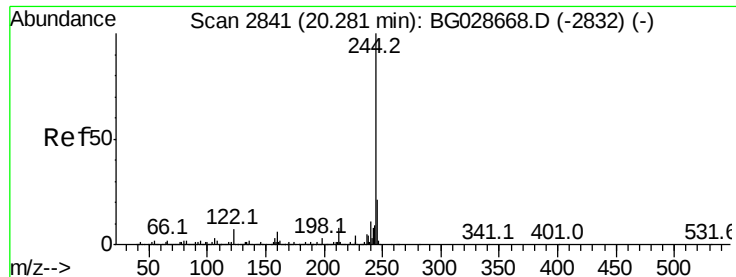


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 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

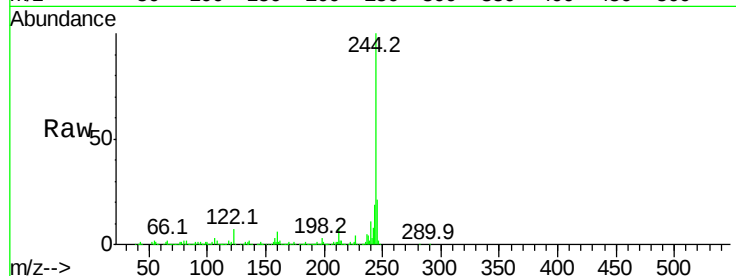
Tot Ion:244 Resp: 1043342

Ion Ratio Lower Upper

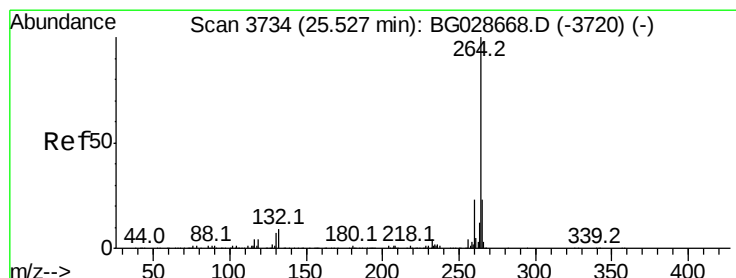
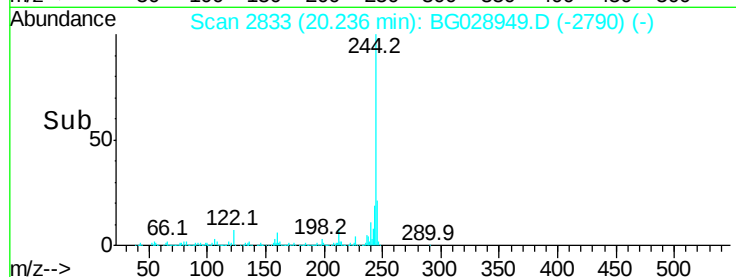
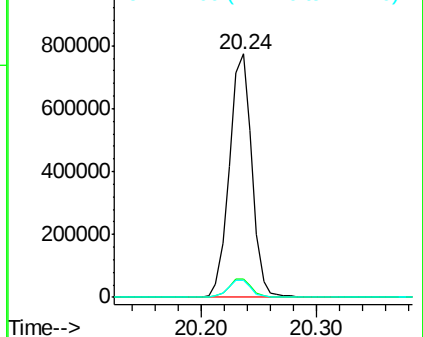
244 100

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

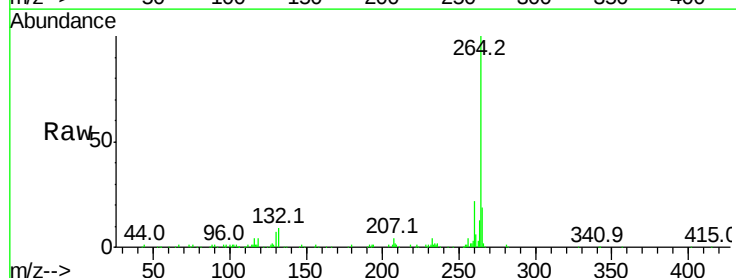
Tgt Ion:264 Resp: 264185

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

