

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028909.D
 Acq On : 25 Sep 2017 15:54
 Operator : SJ/JU
 Sample : PB102294BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102294BL

Quant Time: Sep 26 01:48:14 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	24991	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	101071	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	70175	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	219994	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	277633	20.00	ng	-0.06
86) Perylene-d12	25.42	264	273433	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	226995	149.88	ng	-0.06
7) Phenol-d6	7.43	99	312095	136.86	ng	-0.06
23) Nitrobenzene-d5	9.45	82	193169	91.43	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	184513	158.97	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	508473	96.62	ng	-0.05
78) Terphenyl-d14	20.24	244	1151215	88.43	ng	-0.05

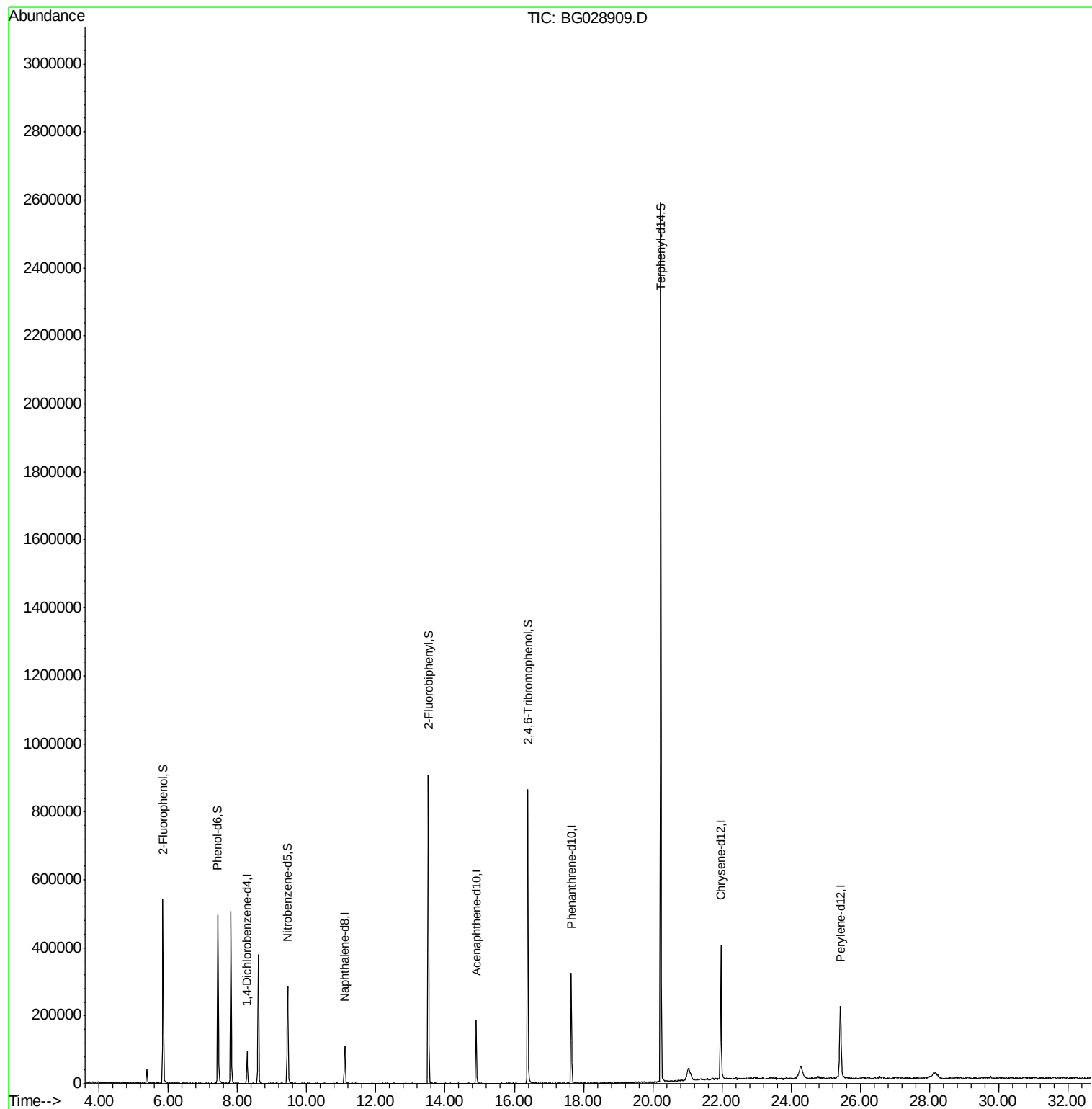
Target Compounds Qvalue

(#) = 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: BG028909.D

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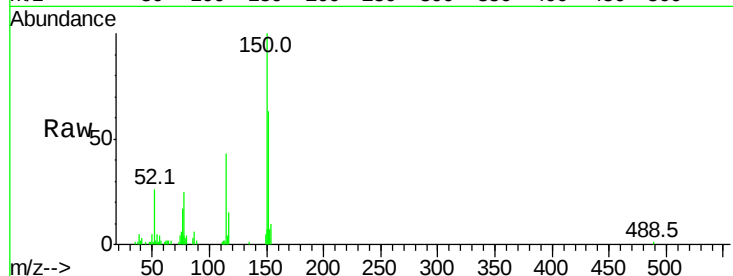
Tot Ion:152 Resp: 24991

Ion Ratio Lower Upper

152 100

150 159.2 114.0 171.0

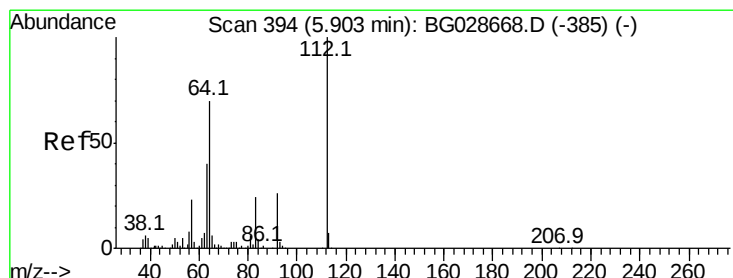
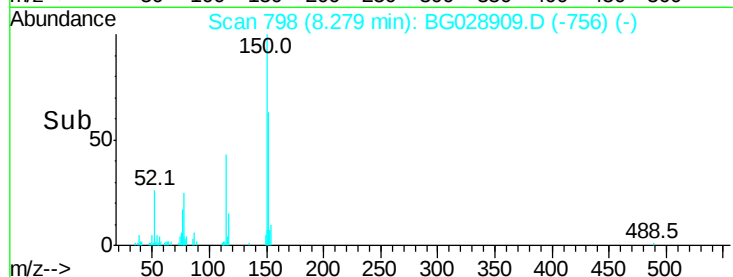
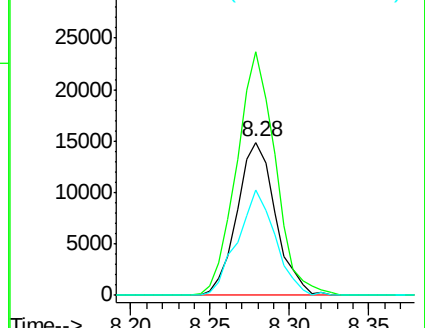
115 68.6 48.1 72.1



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: 149.875 ng

RT: 5.85 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028909.D

Acq: 25 Sep 2017 15:54

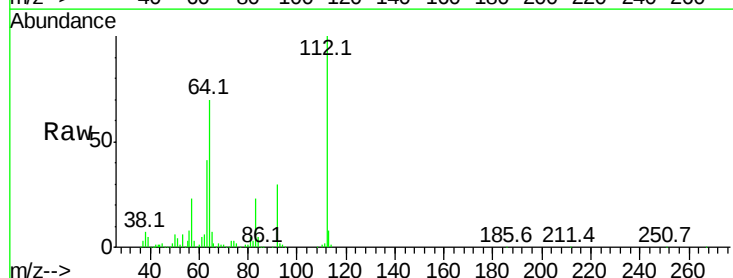
Tgt Ion:112 Resp: 226995

Ion Ratio Lower Upper

112 100

64 70.5 61.8 92.6

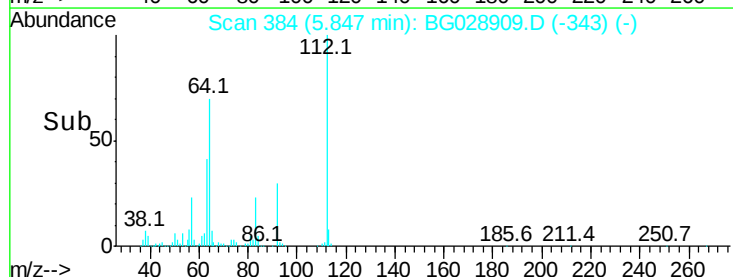
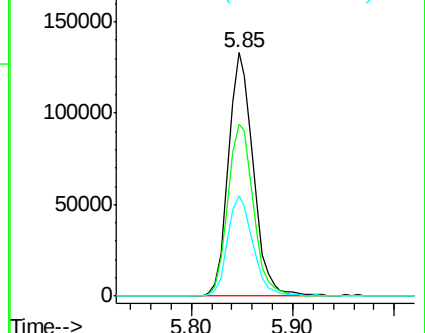
63 41.3 37.2 55.8

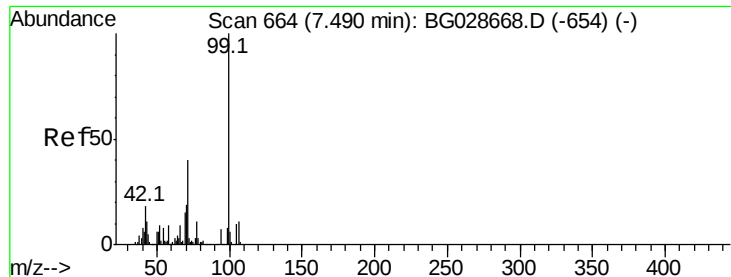


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.862 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028909.D

Acq: 25 Sep 2017 15:54

Instrument :

BNA_G

ClientSampleId :

PB102294BL

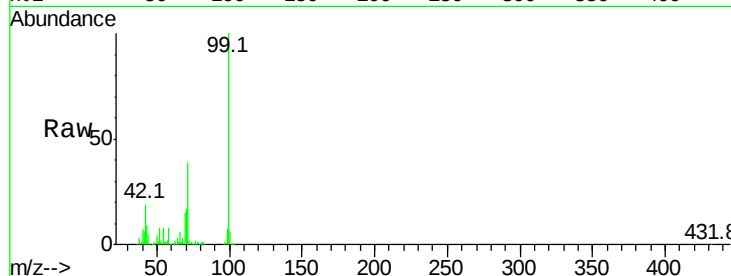
Tot Ion: 99 Resp: 312095

Ion Ratio Lower Upper

99 100

42 19.0 20.5 30.7#

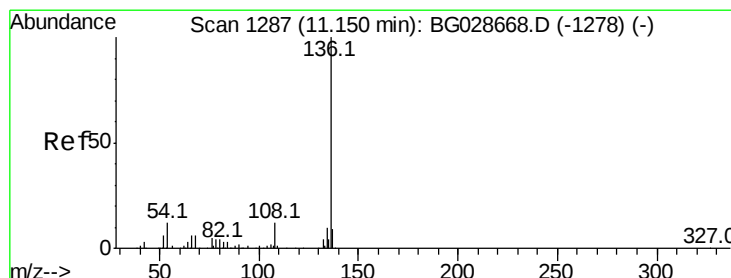
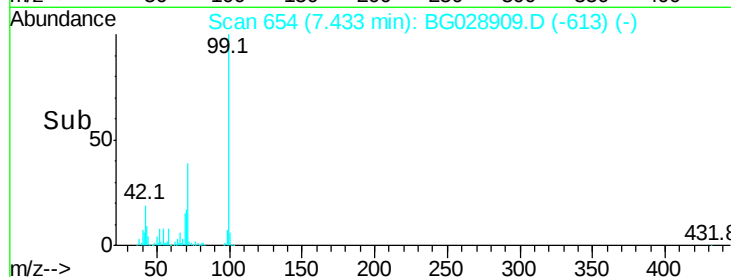
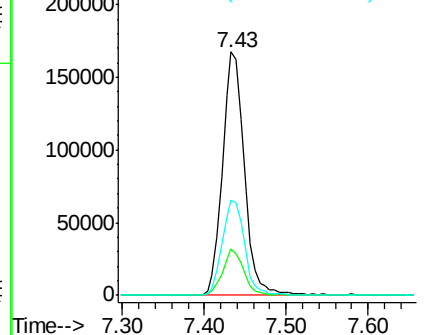
71 39.1 37.6 56.4



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: BG028909.D

Acq: 25 Sep 2017 15:54

Tgt Ion: 136 Resp: 101071

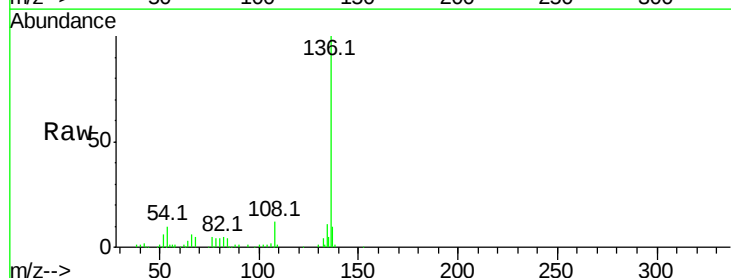
Ion Ratio Lower Upper

136 100

137 9.5 8.9 13.3

54 9.9 9.3 13.9

68 5.2 5.1 7.7

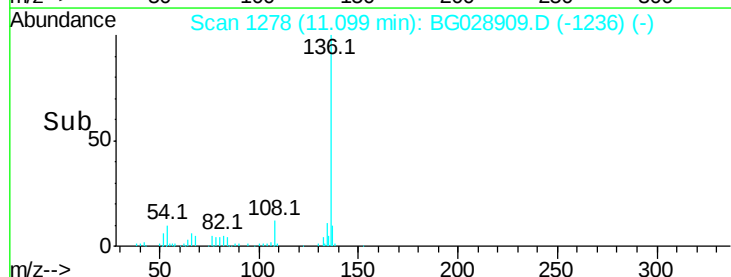
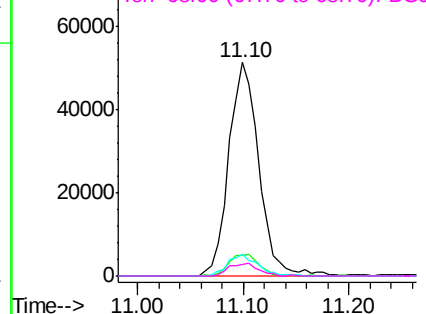


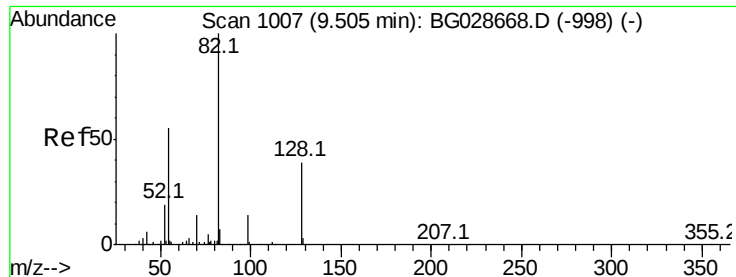
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

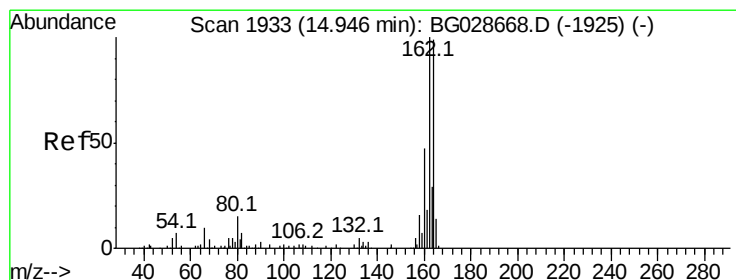
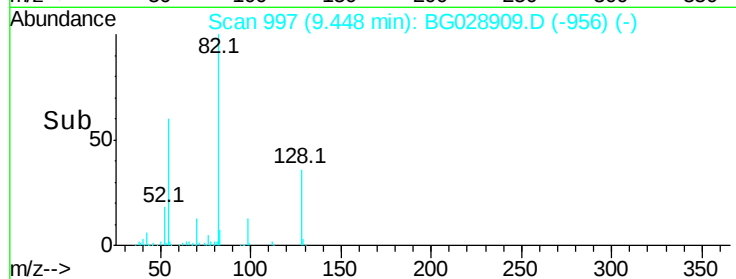
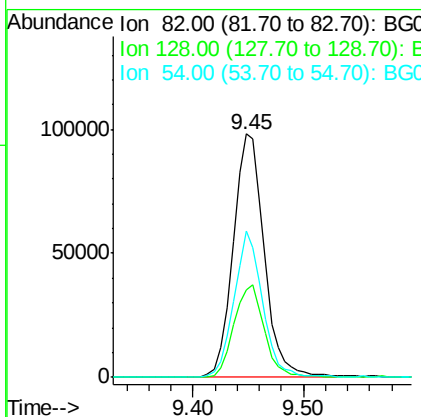
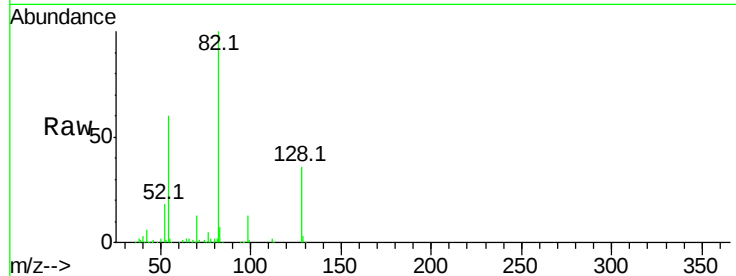




#23
 Nitrobenzene-d5
 Concen: 91.428 ng
 RT: 9.45 min Scan# 997
 Delta R.T. -0.06 min
 Lab File: BG028909.D
 Acq: 25 Sep 2017 15:54

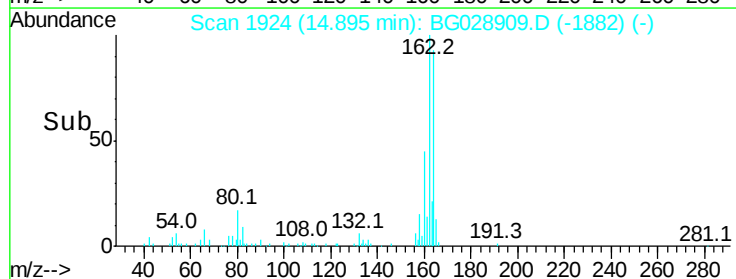
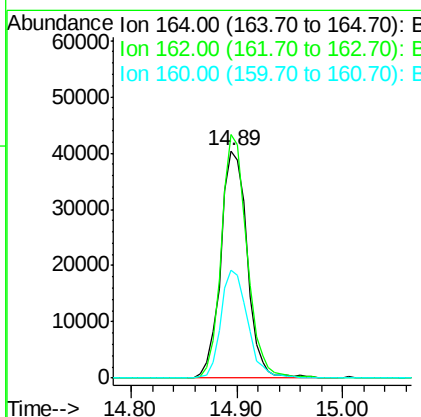
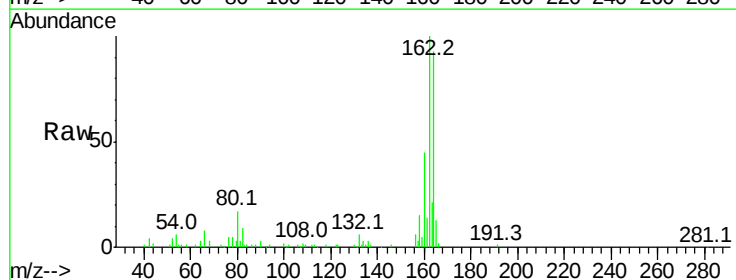
Instrument :
 BNA_G
 ClientSampleId :
 PB102294BL

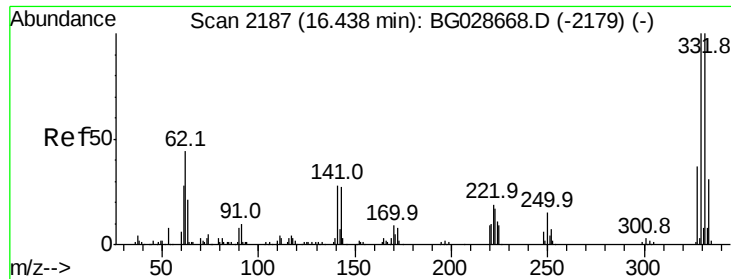
Tot Ion	82	Resp	193169
Ion	Ratio	Lower	Upper
82	100		
128	35.7	26.4	39.6
54	60.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. -0.05 min
 Lab File: BG028909.D
 Acq: 25 Sep 2017 15:54

Tgt Ion	164	Resp	70175
Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.1	127.7
160	47.7	34.7	52.1

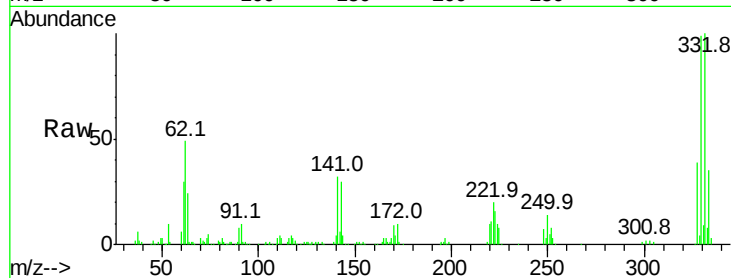




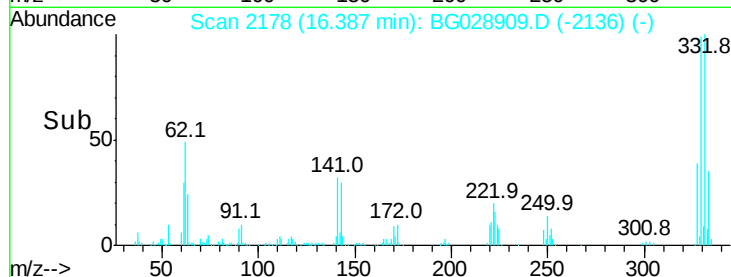
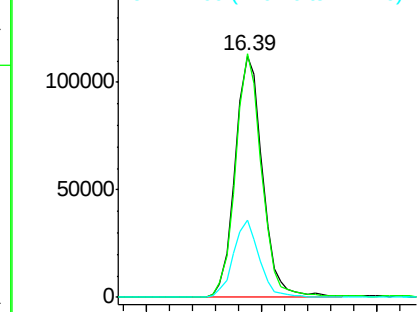
#41
 2,4,6-Tribromophenol
 Concen: 158.974 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028909.D
 Acq: 25 Sep 2017 15:54

Instrument :
 BNA_G
 ClientSampleId :
 PB102294BL

Tot Ion:330 Resp: 184513
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 30.5 32.1 48.1#

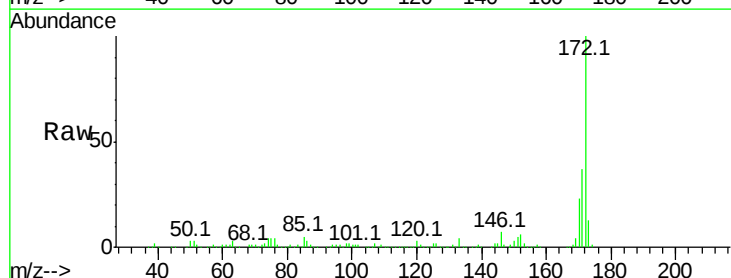


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

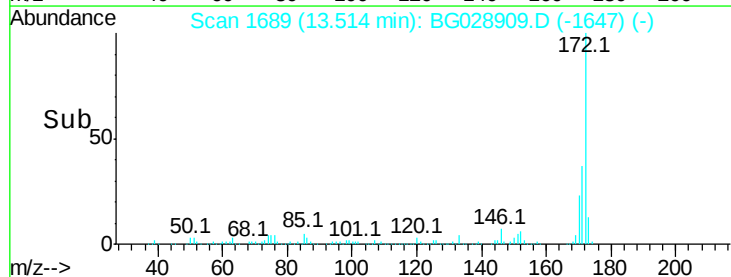
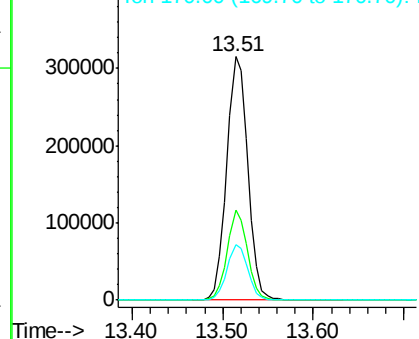


#44
 2-Fluorobiphenyl
 Concen: 96.617 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028909.D
 Acq: 25 Sep 2017 15:54

Tgt Ion:172 Resp: 508473
 Ion Ratio Lower Upper
 172 100
 171 36.8 32.2 48.2
 170 22.9 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# 2393

Delta R.T. -0.05 min

Lab File: BG028909.D

Acq: 25 Sep 2017 15:54

Instrument :

BNA_G

ClientSampleId :

PB102294BL

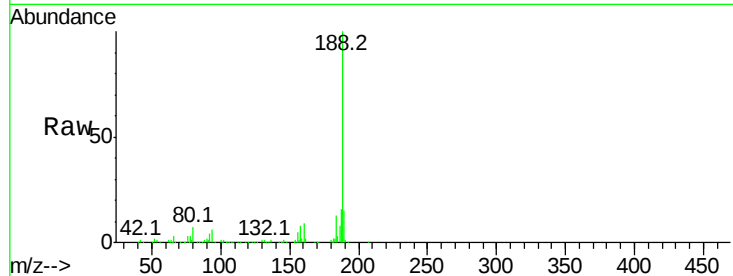
Tot Ion:188 Resp: 219994

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

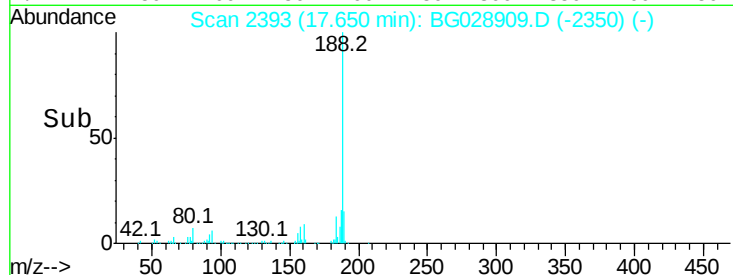
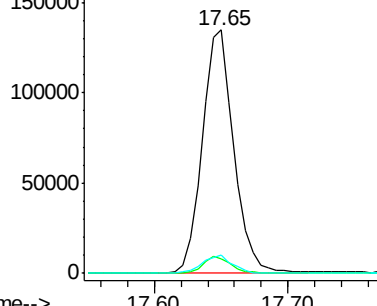
80 7.4 7.5 11.3#



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: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028909.D

Acq: 25 Sep 2017 15:54

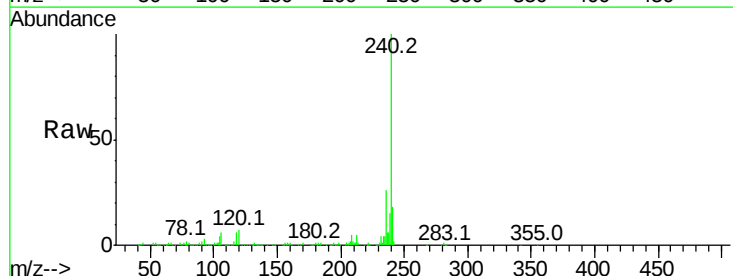
Tgt Ion:240 Resp: 277633

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

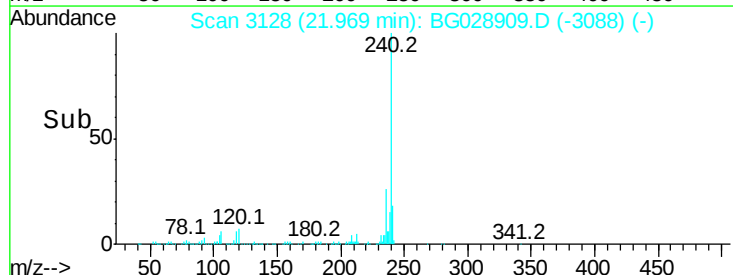
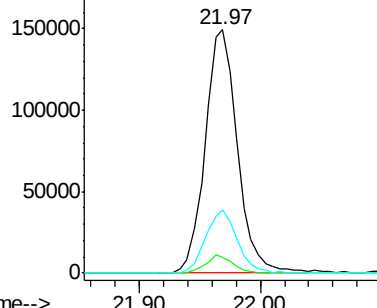
236 26.1 22.2 33.4

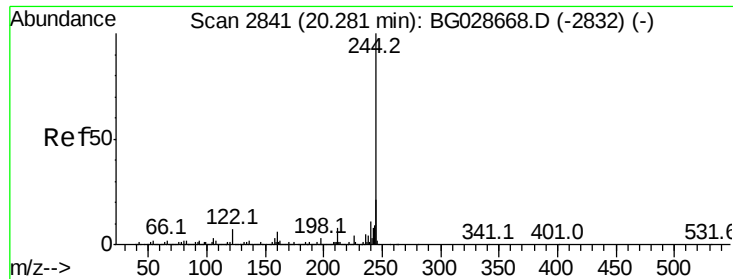


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.428 ng

RT: 20.24 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028909.D

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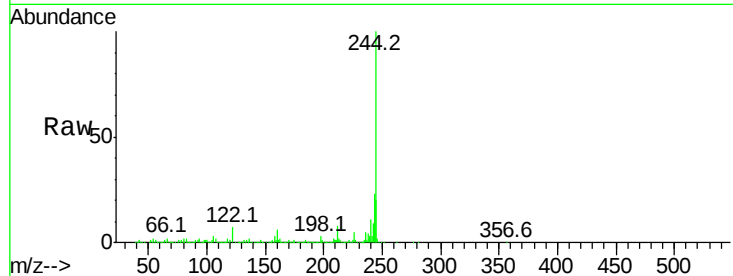
Tot Ion:244 Resp: 1151215

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

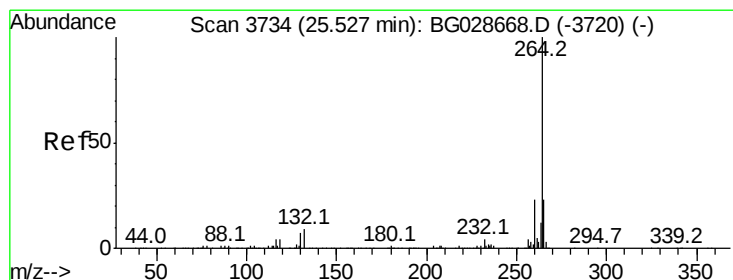
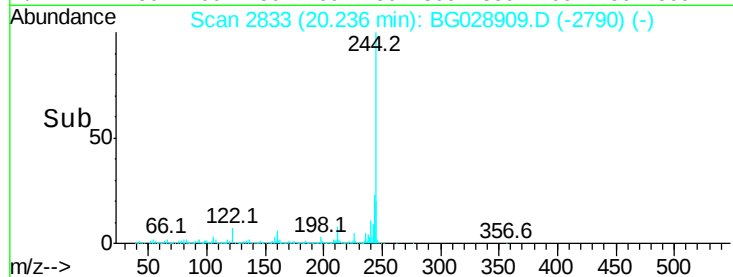
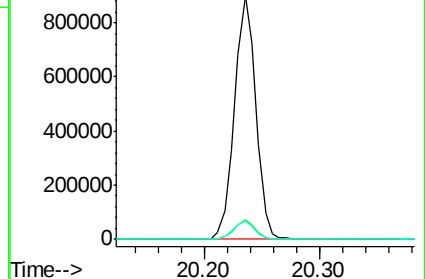
122 7.5 8.6 12.8#



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: BG028909.D

Acq: 25 Sep 2017 15:54

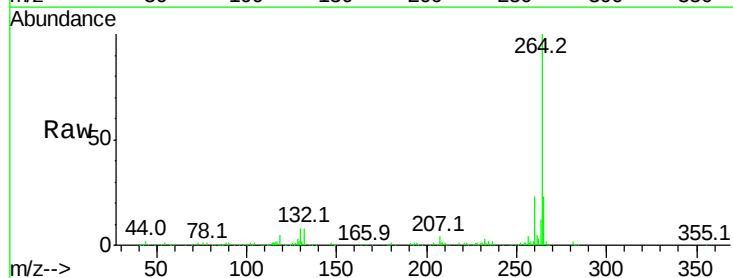
Tgt Ion:264 Resp: 273433

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 23.3 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

