

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028657.D
 Acq On : 12 Sep 2017 1:45
 Operator : SJ/JU
 Sample : I5180-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 04:45:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	37915	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	145047	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	107849	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	287808	20.00	ng	0.00
75) Chrysene-d12	22.02	240	342437	20.00	ng	-0.01
86) Perylene-d12	25.53	264	331103	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	92833	41.23	ng	0.00
7) Phenol-d6	7.49	99	74399	22.78	ng	0.00
23) Nitrobenzene-d5	9.50	82	289020	91.50	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	159355	97.22	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	731809	88.77	ng	0.00
78) Terphenyl-d14	20.28	244	1311892	82.54	ng	0.00

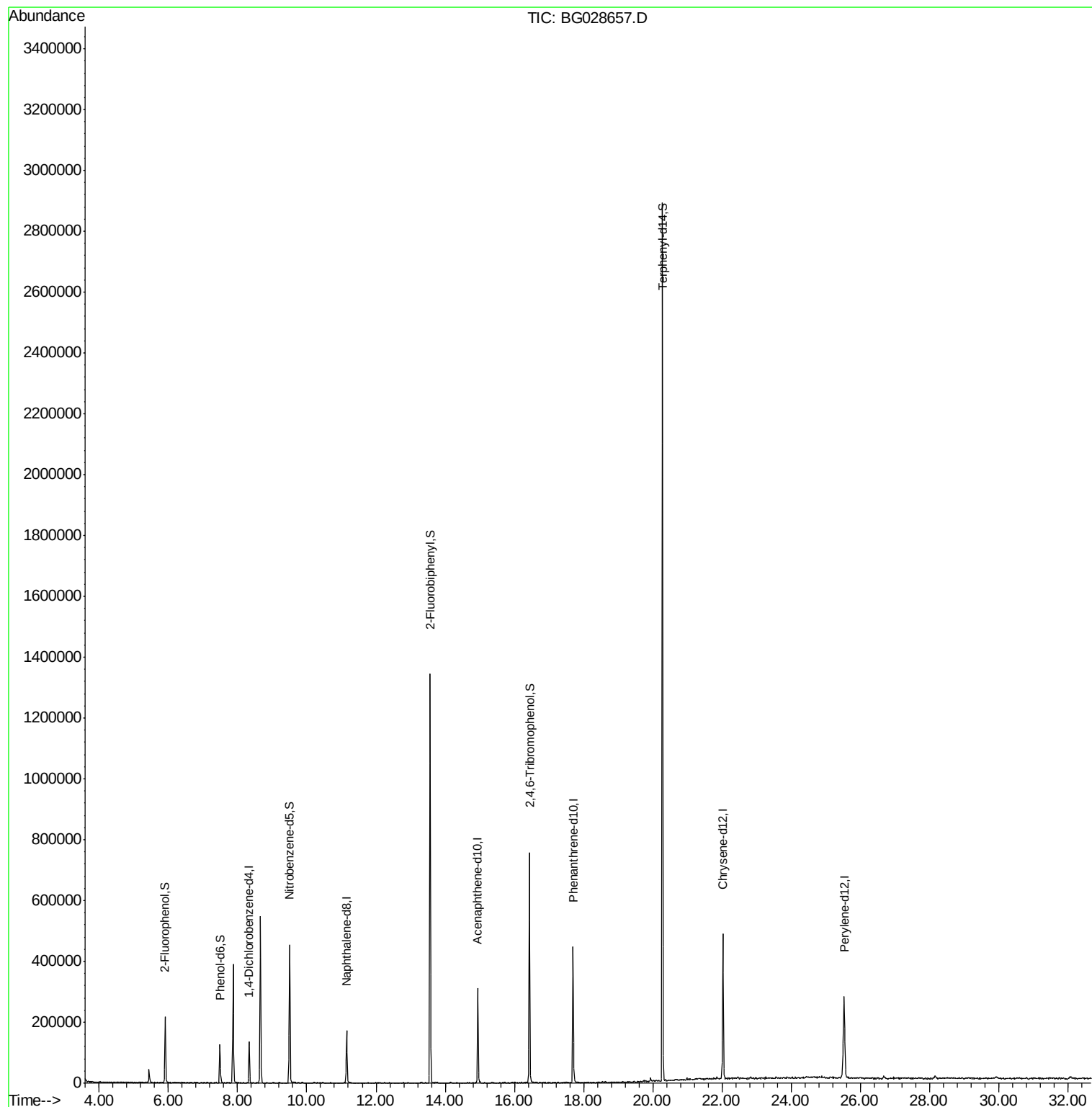
Target Compounds Qvalue

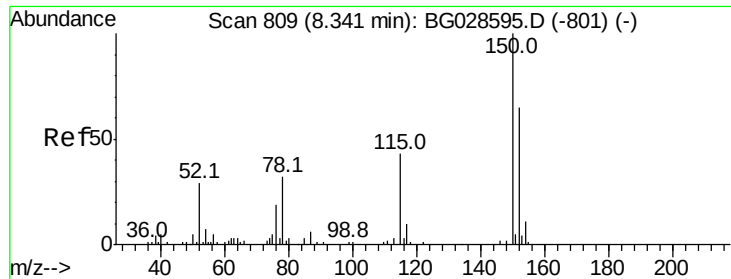
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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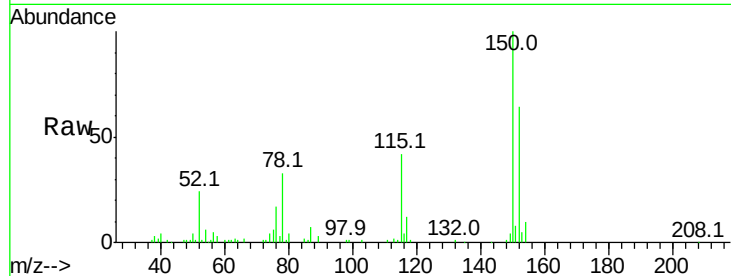


#1

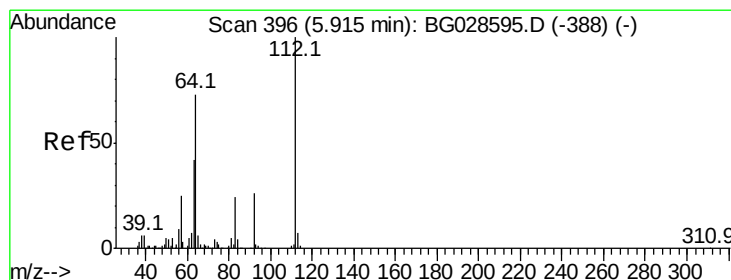
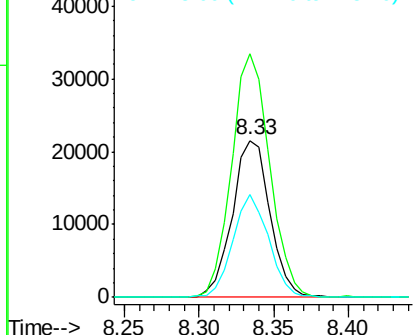
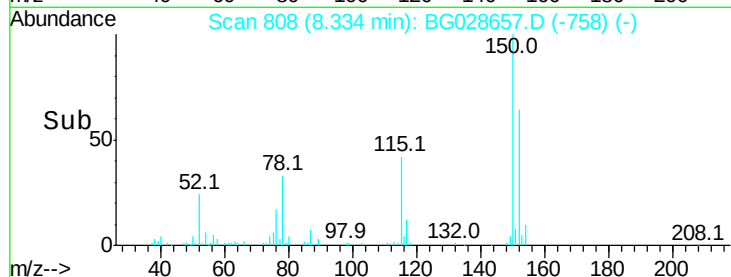
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028657.D
Acq: 12 Sep 2017 1:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 37915
Ion Ratio Lower Upper
152 100
150 155.1 114.0 171.0
115 65.8 48.1 72.1



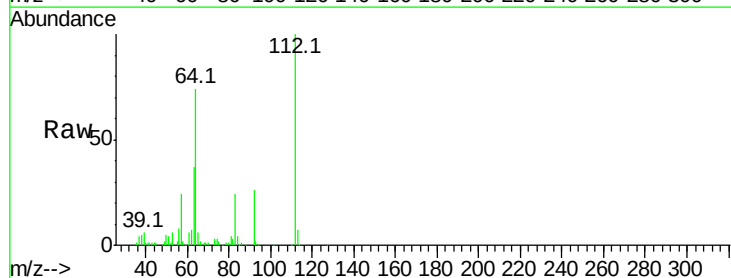
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



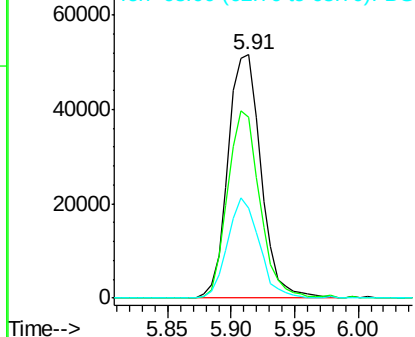
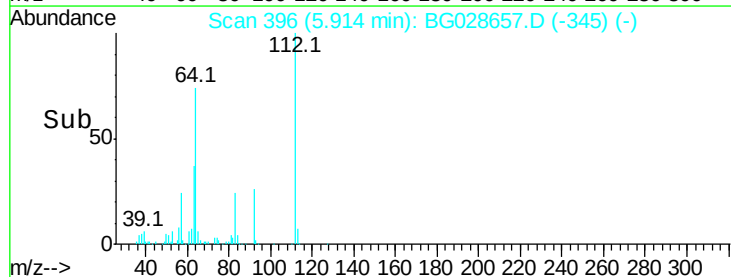
#5

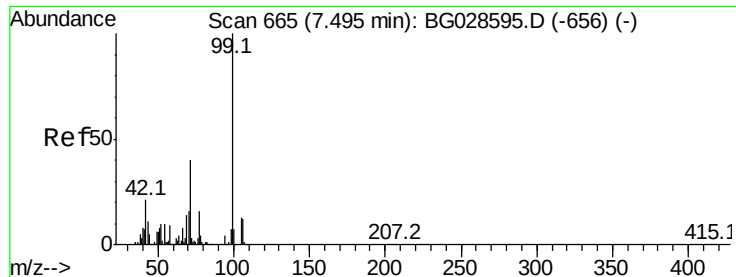
2-Fluorophenol
Concen: 41.225 ng
RT: 5.91 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG028657.D
Acq: 12 Sep 2017 1:45

Tgt Ion:112 Resp: 92833
Ion Ratio Lower Upper
112 100
64 74.1 61.8 92.6
63 36.9 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: 22.778 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028657.D

Acq: 12 Sep 2017 1:45

Instrument :

BNA_G

ClientSampled :

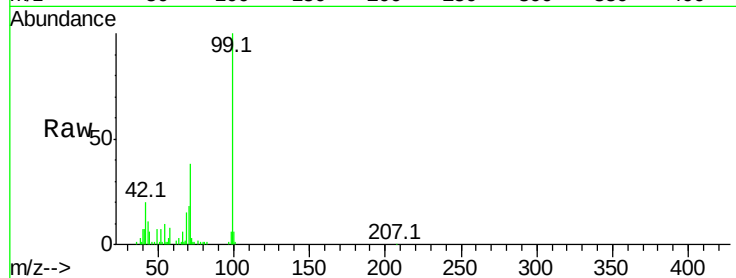
Tot Ion: 99 Resp: 74399

Ion Ratio Lower Upper

99 100

42 19.5 20.5 30.7#

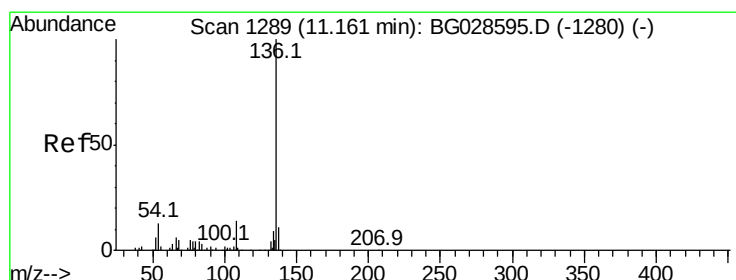
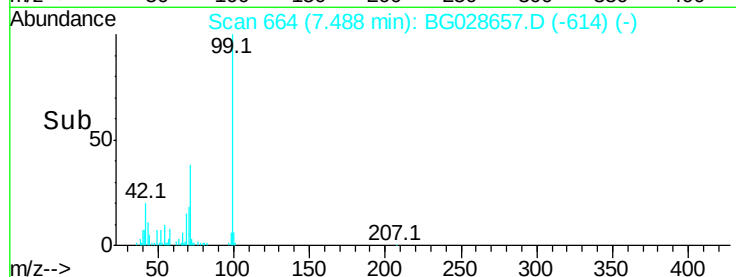
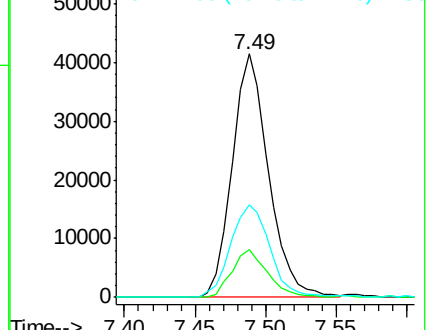
71 37.9 37.6 56.4



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: 11.15 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG028657.D

Acq: 12 Sep 2017 1:45

Tgt Ion: 136 Resp: 145047

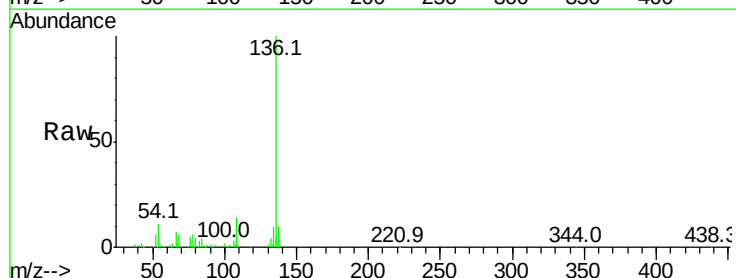
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 11.2 9.3 13.9

68 6.1 5.1 7.7

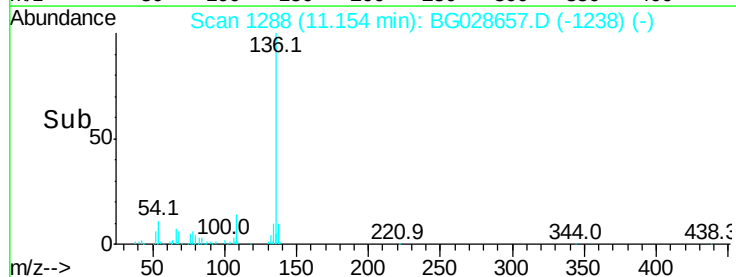
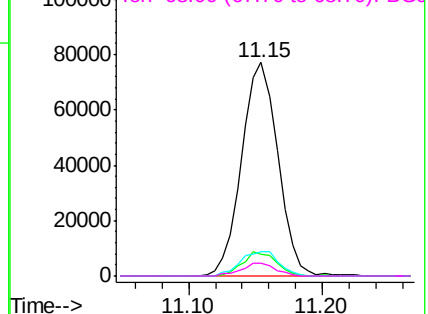


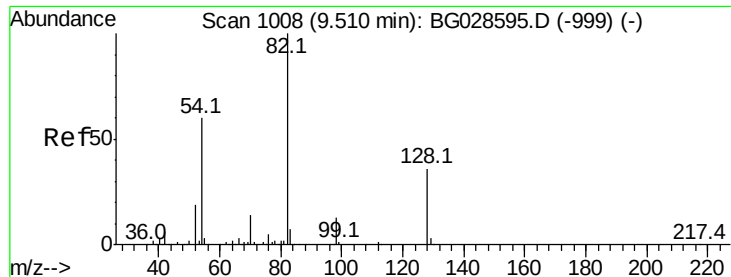
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

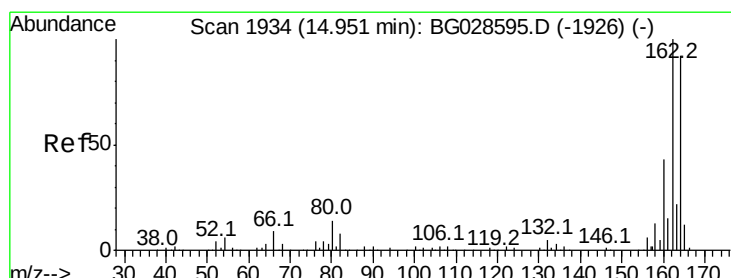
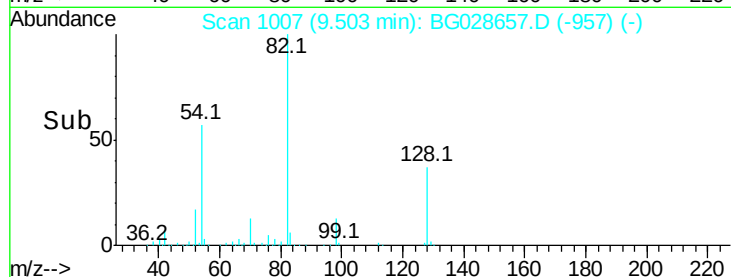
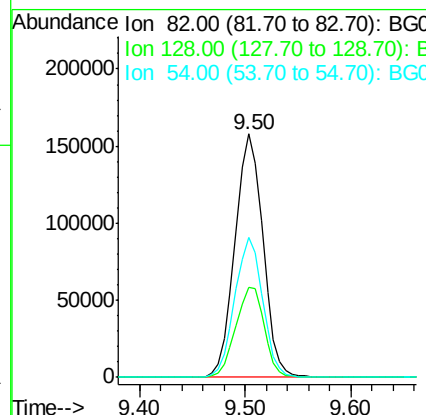
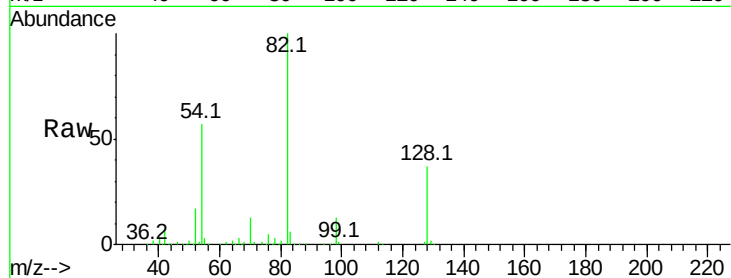




#23
 Nitrobenzene-d5
 Concen: 91.496 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028657.D
 Acq: 12 Sep 2017 1:45

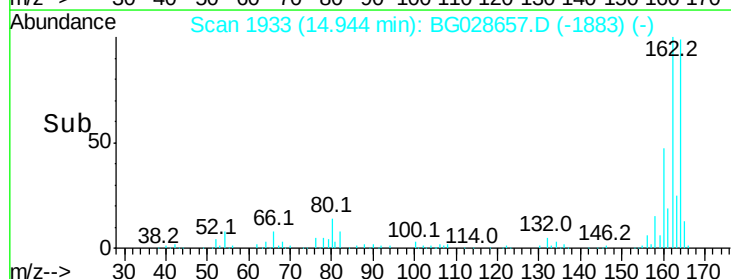
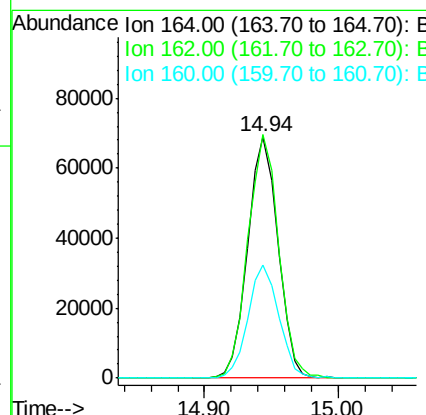
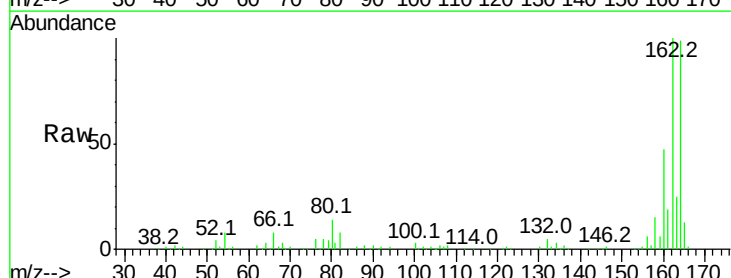
Instrument :
 BNA_G
 ClientSampled :

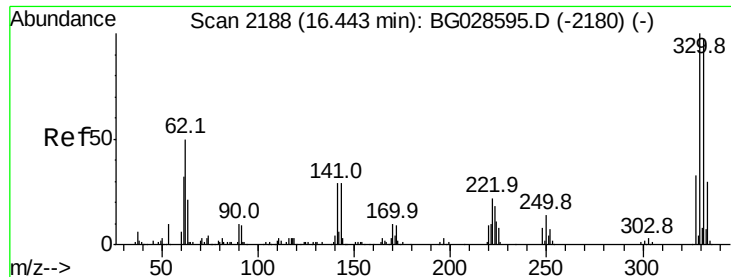
Tot Ion: 82 Resp: 289020
 Ion Ratio Lower Upper
 82 100
 128 37.1 26.4 39.6
 54 57.4 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG028657.D
 Acq: 12 Sep 2017 1:45

Tgt Ion: 164 Resp: 107849
 Ion Ratio Lower Upper
 164 100
 162 100.9 85.1 127.7
 160 47.0 34.7 52.1

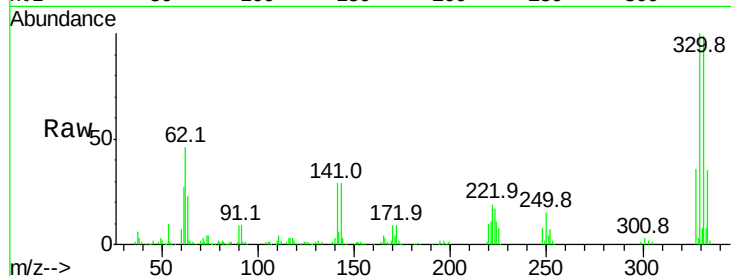




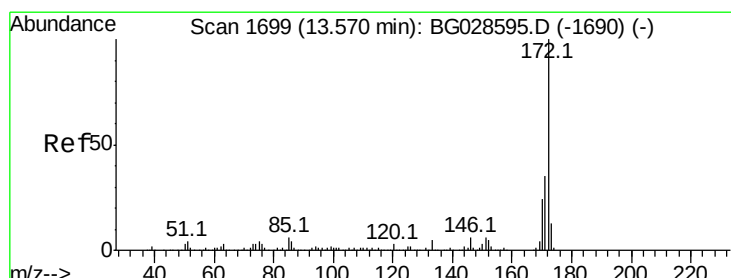
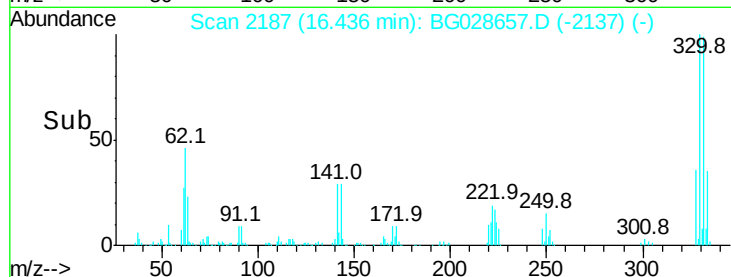
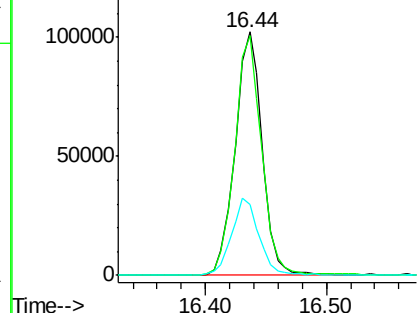
#41
 2,4,6-Tribromophenol
 Concen: 97.215 ng
 RT: 16.44 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG028657.D
 Acq: 12 Sep 2017 1:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.3	115.9
141	31.8	32.1	48.1#

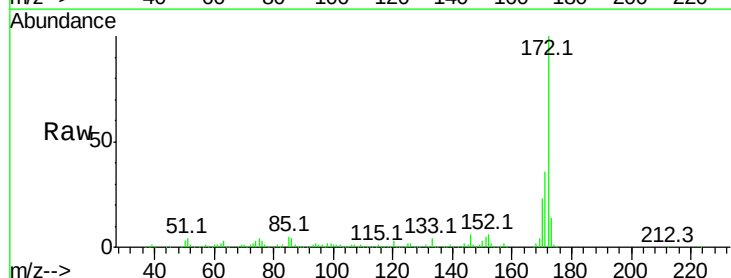


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

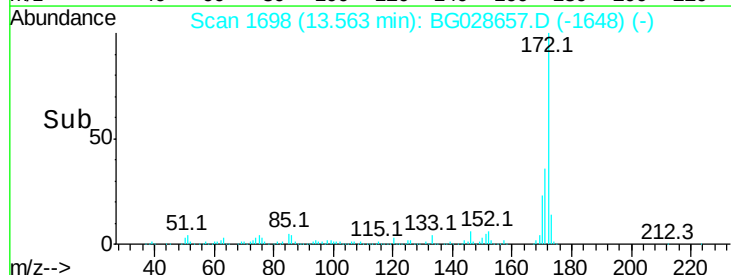
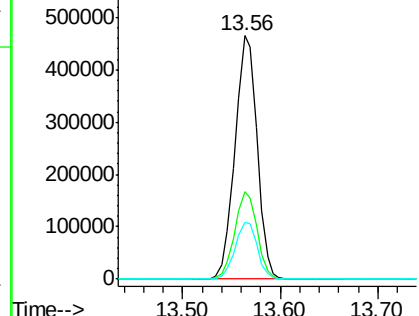


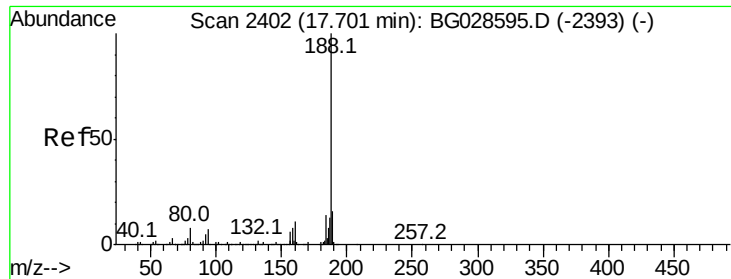
#44
 2-Fluorobiphenyl
 Concen: 88.770 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028657.D
 Acq: 12 Sep 2017 1:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	23.4	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: 17.69 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BG028657.D

Acq: 12 Sep 2017 1:45

Instrument :

BNA_G

ClientSampleId :

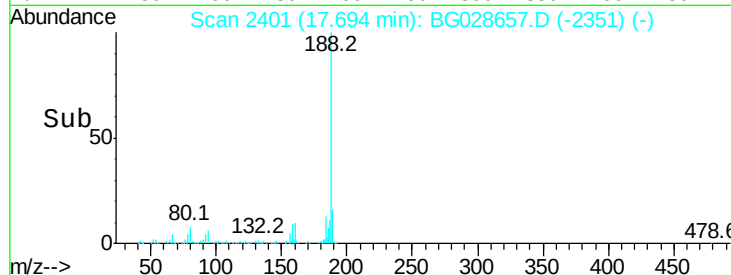
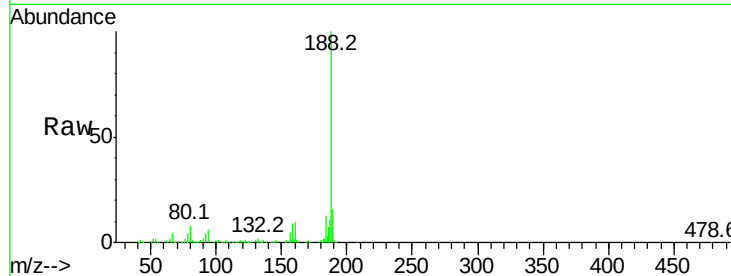
Tot Ion:188 Resp: 287808

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

80 7.7 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

250000

200000

150000

100000

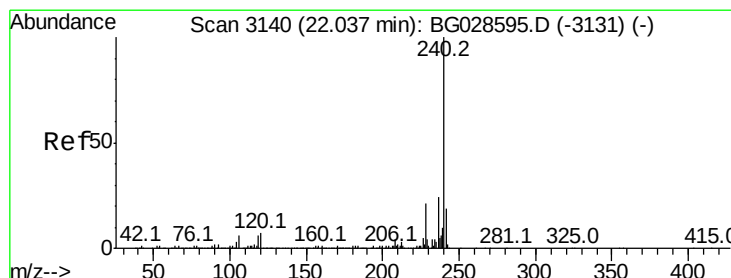
50000

0

17.69

17.60 17.65 17.70 17.75

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028657.D

Acq: 12 Sep 2017 1:45

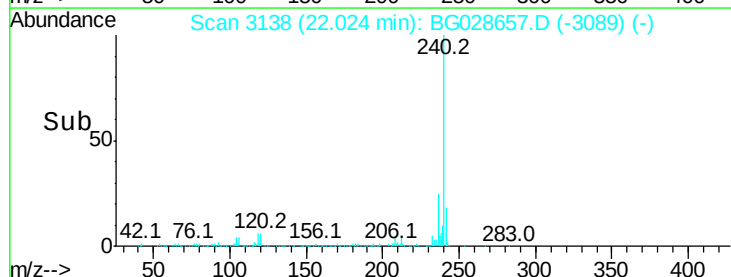
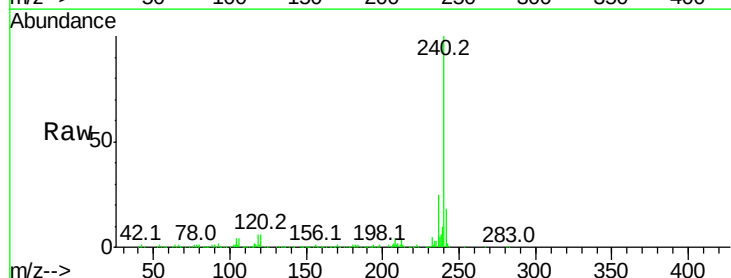
Tgt Ion:240 Resp: 342437

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

236 24.9 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

250000

200000

150000

100000

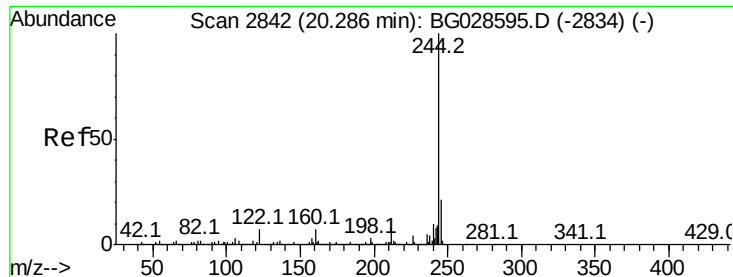
50000

0

22.02

21.90 22.00 22.10

Time-->



#78

Terphenyl-d14

Concen: 82.541 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028657.D

Acq: 12 Sep 2017 1:45

Instrument :

BNA_G

ClientSampleId :

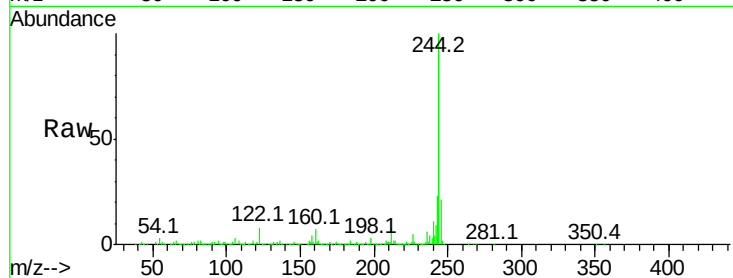
Tot Ion:244 Resp: 1311892

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

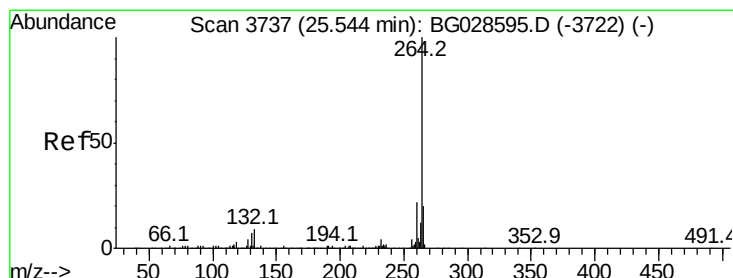
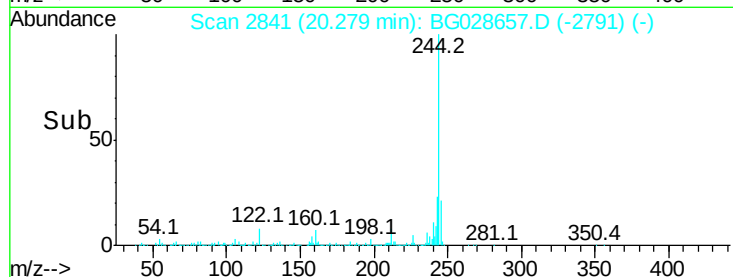
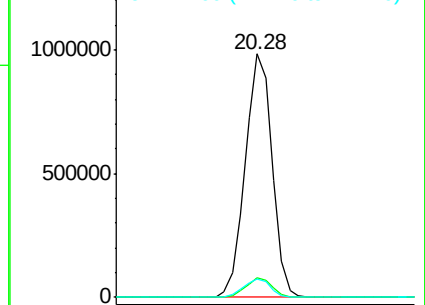
122 7.6 8.6 12.8#



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: 25.53 min Scan# 3734

Delta R.T. -0.02 min

Lab File: BG028657.D

Acq: 12 Sep 2017 1:45

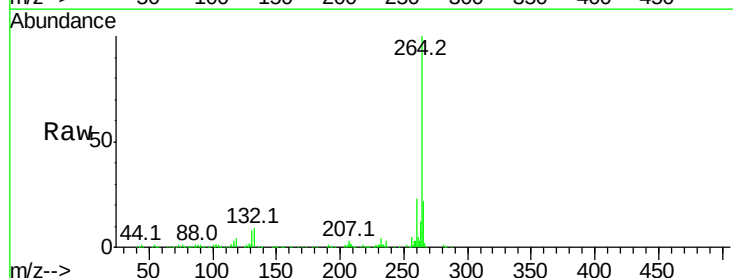
Tgt Ion:264 Resp: 331103

Ion Ratio Lower Upper

264 100

260 23.0 21.8 32.8

265 22.2 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

