

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028658.D
 Acq On : 12 Sep 2017 2:24
 Operator : SJ/JU
 Sample : I5180-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 04:45:35 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	8.34	152	37887	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	151582	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	116225	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	306948	20.00	ng	0.00
75) Chrysene-d12	22.03	240	355051	20.00	ng	0.00
86) Perylene-d12	25.53	264	350547	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	92576	41.14	ng	0.00
7) Phenol-d6	7.49	99	74584	22.85	ng	0.00
23) Nitrobenzene-d5	9.50	82	287112	86.97	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	168594	95.44	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	751036	84.54	ng	0.00
78) Terphenyl-d14	20.28	244	1336264	81.09	ng	0.00

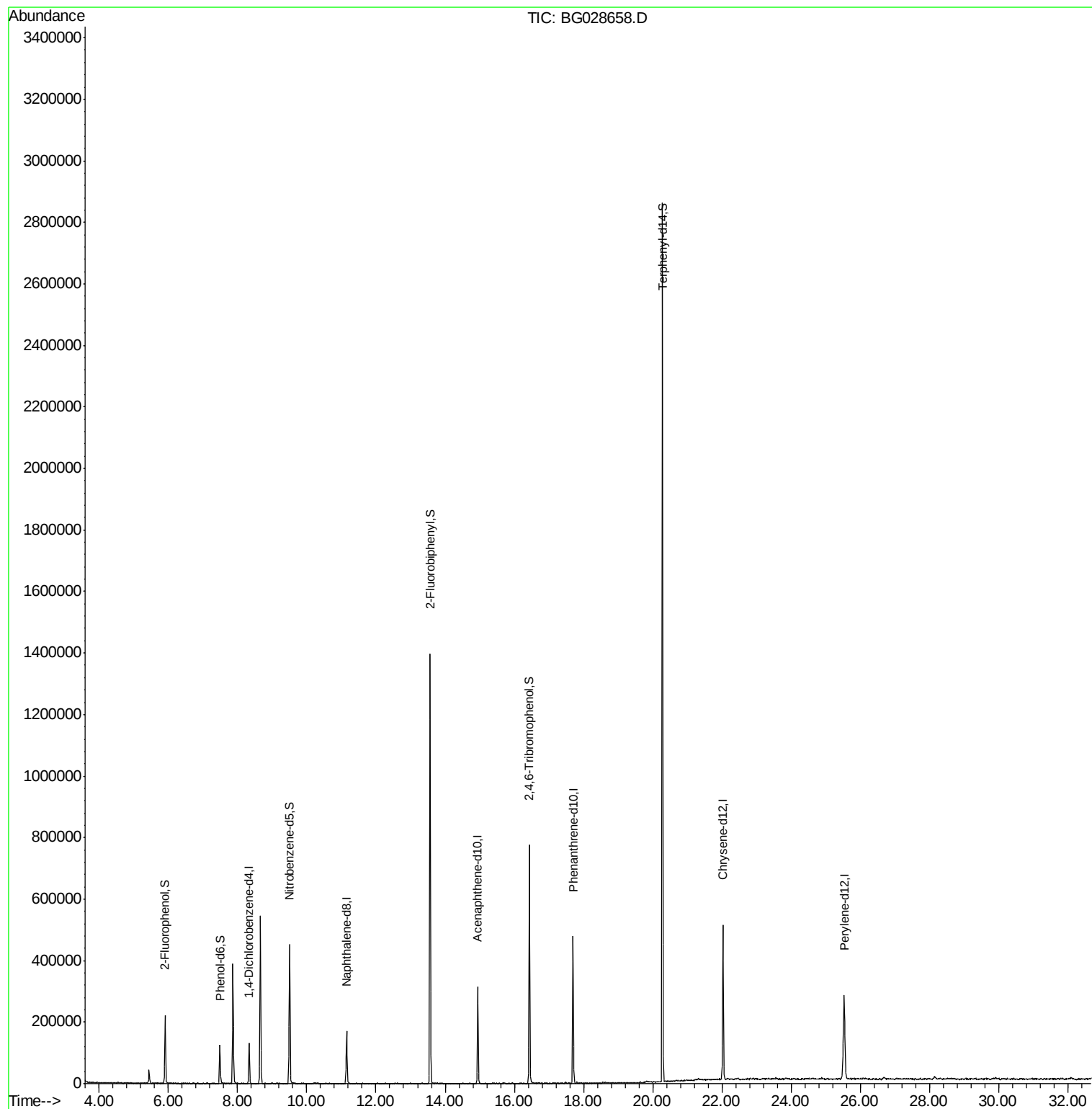
Target Compounds Qvalue

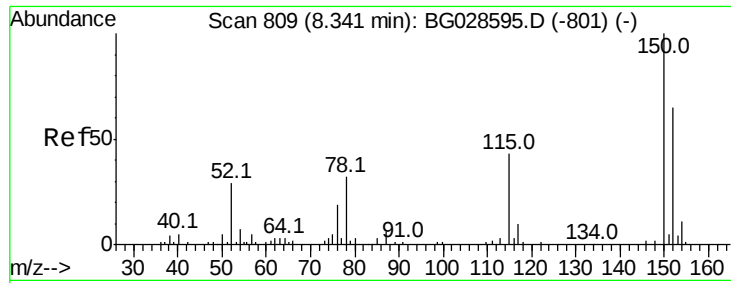
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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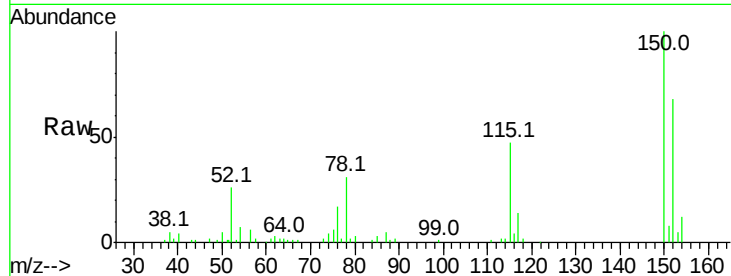


#1

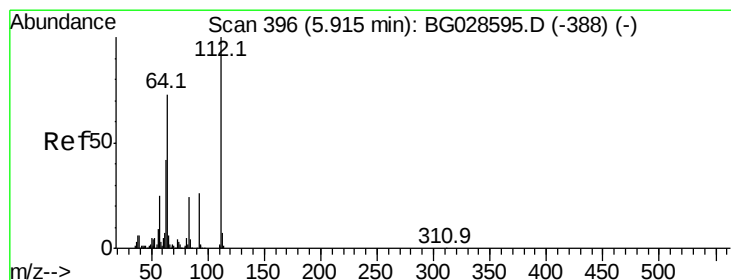
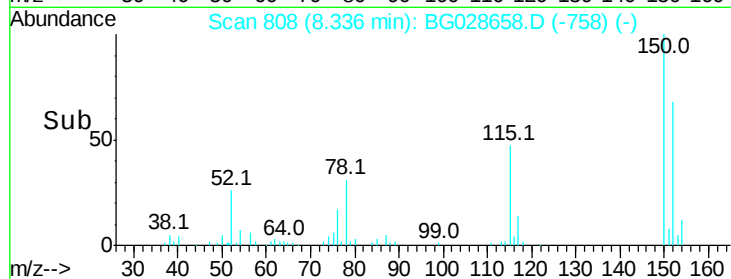
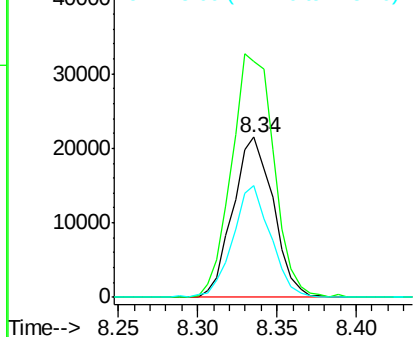
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028658.D
Acq: 12 Sep 2017 2:24

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	114.0	171.0
115	69.8	48.1	72.1



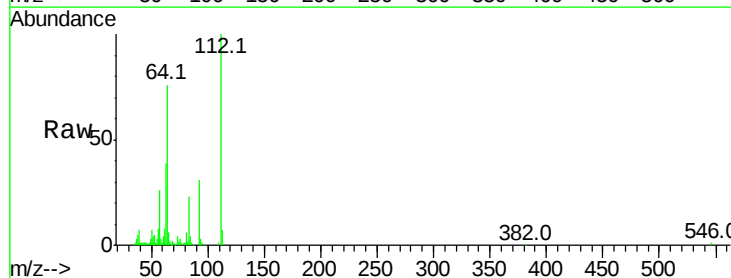
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



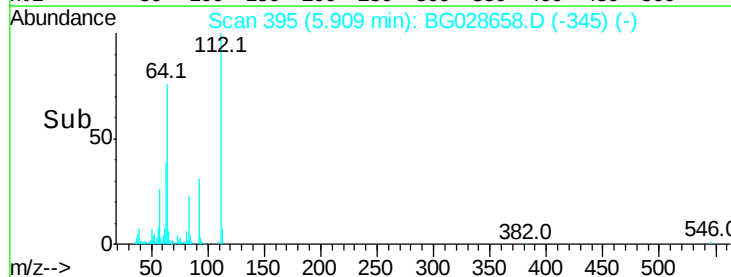
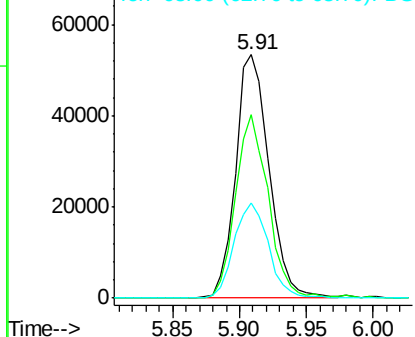
#5

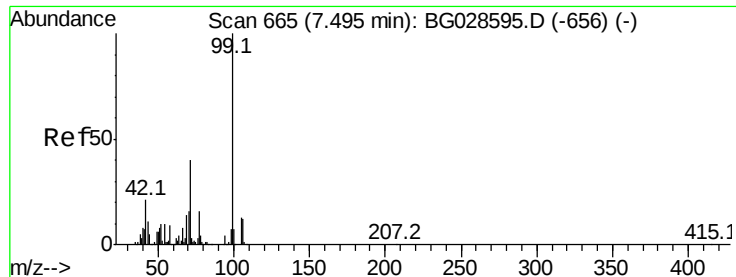
2-Fluorophenol
Concen: 41.142 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG028658.D
Acq: 12 Sep 2017 2:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.6	61.8	92.6
63	39.3	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGO
Ion 63.00 (62.70 to 63.70): BGO





#7

Phenol-d6

Concen: 22.852 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028658.D

Acq: 12 Sep 2017 2:24

Instrument :

BNA_G

ClientSampled :

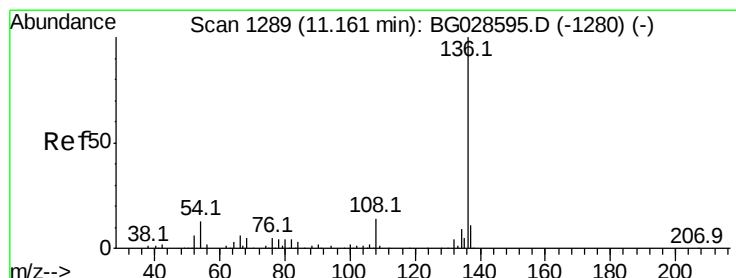
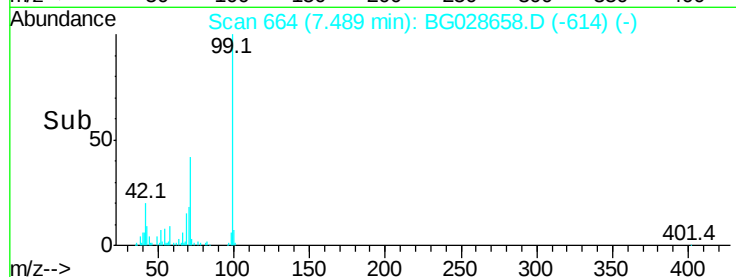
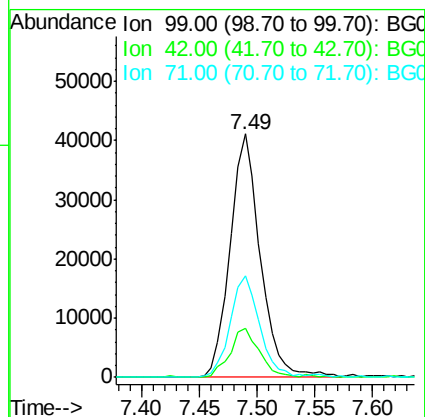
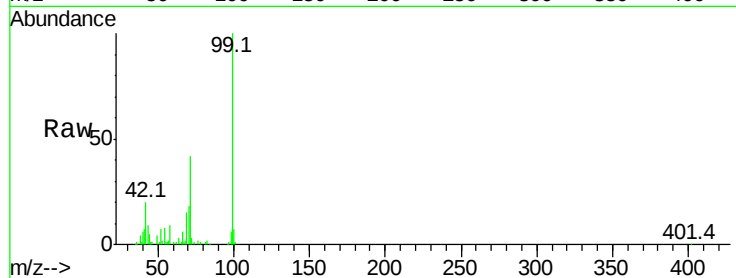
Tot Ion: 99 Resp: 74584

Ion Ratio Lower Upper

99 100

42 20.1 20.5 30.7#

71 41.7 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG028658.D

Acq: 12 Sep 2017 2:24

Tgt Ion: 136 Resp: 151582

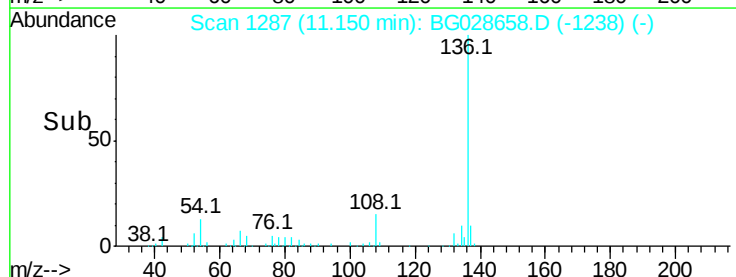
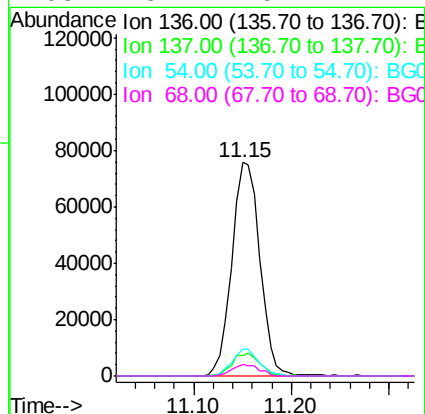
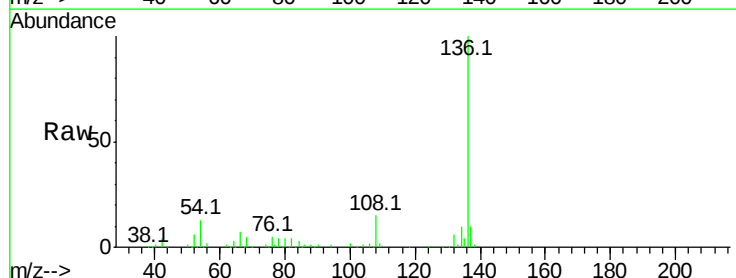
Ion Ratio Lower Upper

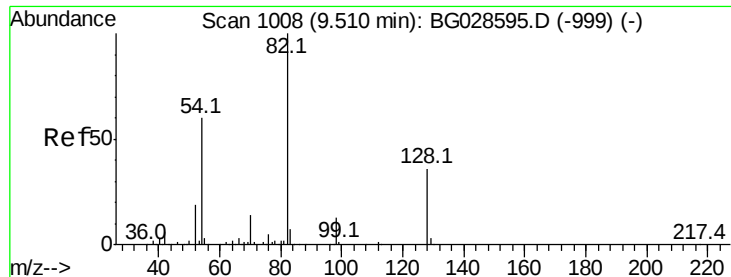
136 100

137 9.8 8.9 13.3

54 12.7 9.3 13.9

68 5.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 86.973 ng

RT: 9.50 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG028658.D

Acq: 12 Sep 2017 2:24

Instrument :

BNA_G

ClientSampleId :

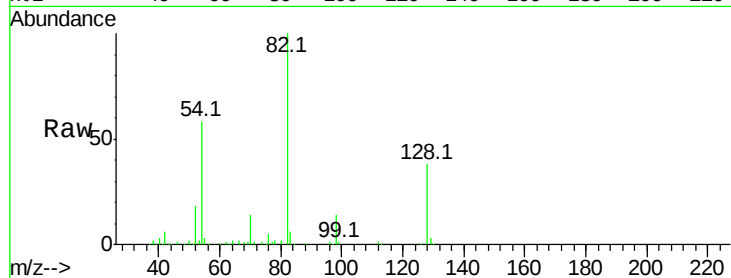
Tot Ion: 82 Resp: 287112

Ion Ratio Lower Upper

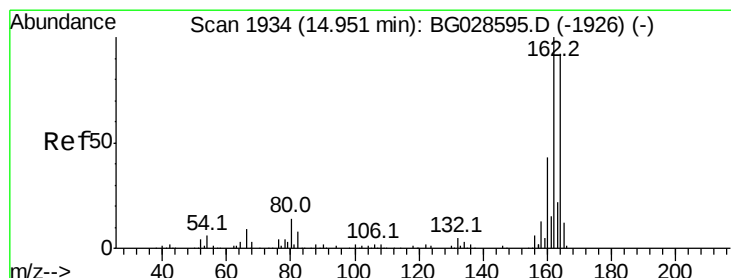
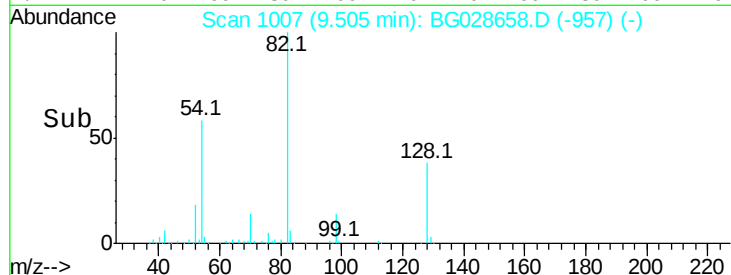
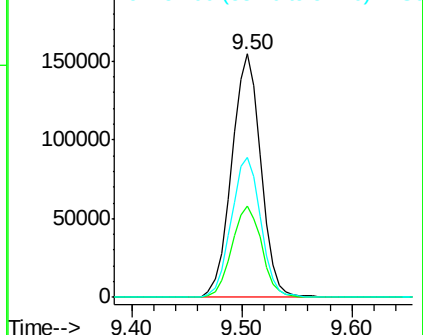
82 100

128 37.8 26.4 39.6

54 57.6 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG028658.D

Acq: 12 Sep 2017 2:24

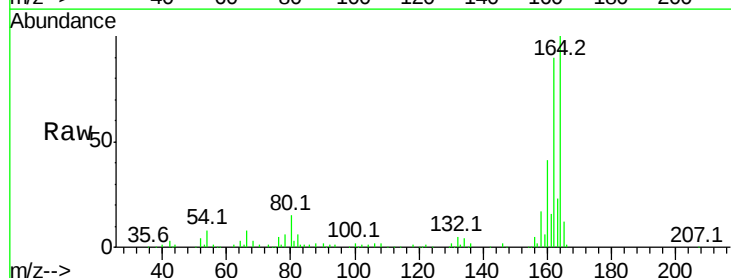
Tgt Ion: 164 Resp: 116225

Ion Ratio Lower Upper

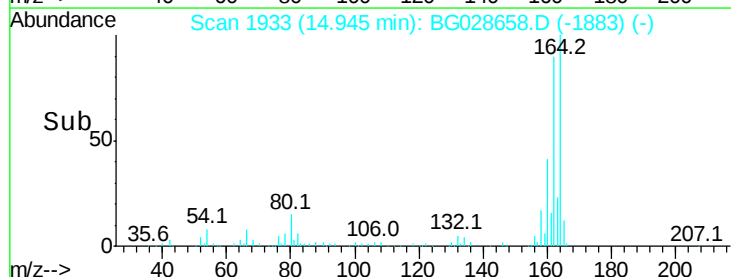
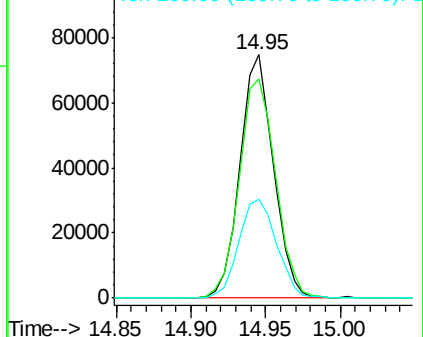
164 100

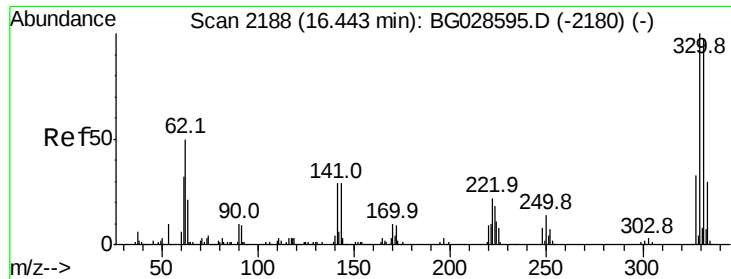
162 90.0 85.1 127.7

160 40.6 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

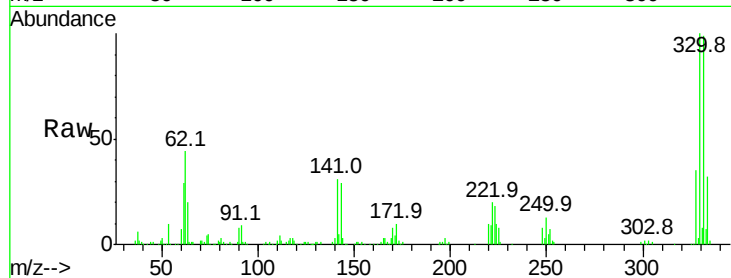




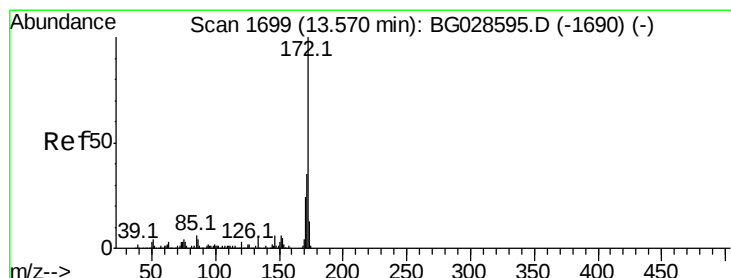
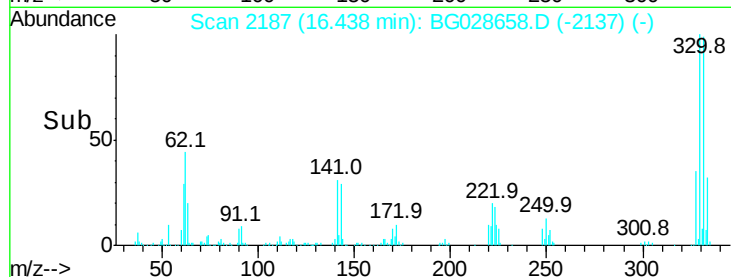
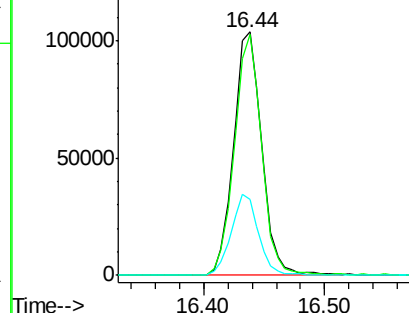
#41
 2,4,6-Tribromophenol
 Concen: 95.440 ng
 RT: 16.44 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG028658.D
 Acq: 12 Sep 2017 2:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	32.2	32.1	48.1

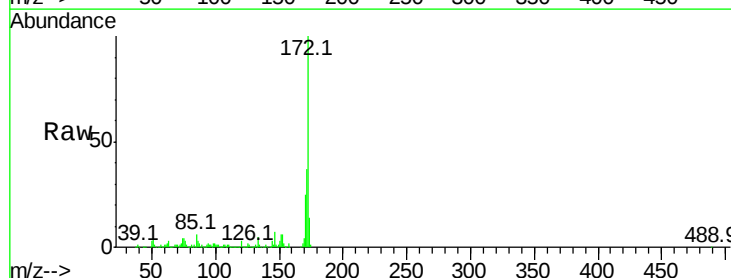


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

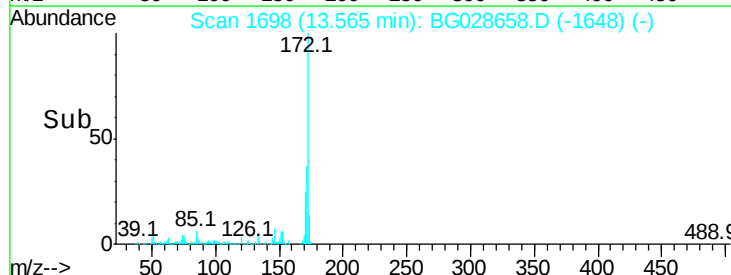
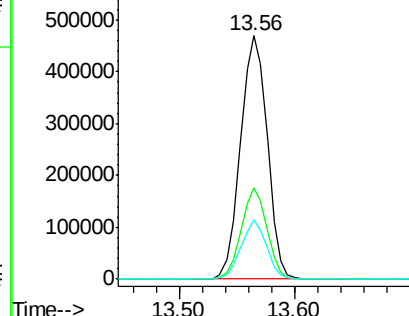


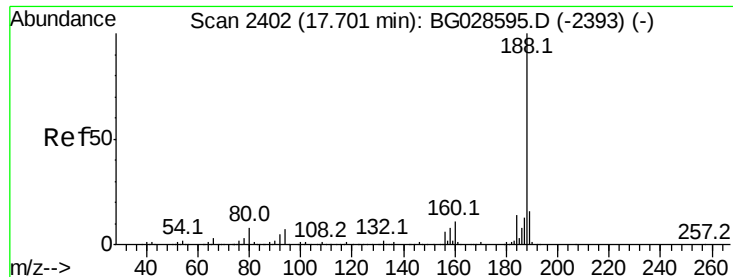
#44
 2-Fluorobiphenyl
 Concen: 84.536 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028658.D
 Acq: 12 Sep 2017 2:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	24.6	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: 17.70 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BG028658.D

Acq: 12 Sep 2017 2:24

Instrument :

BNA_G

ClientSampleId :

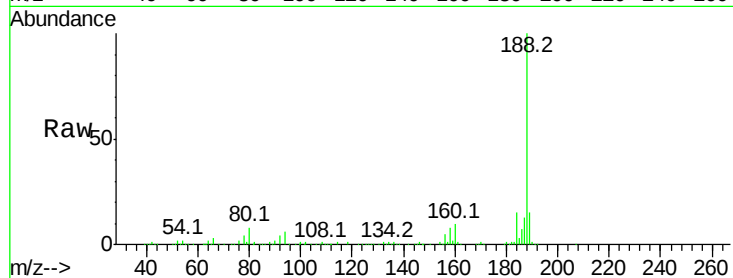
Tot Ion:188 Resp: 306948

Ion Ratio Lower Upper

188 100

94 6.0 5.8 8.8

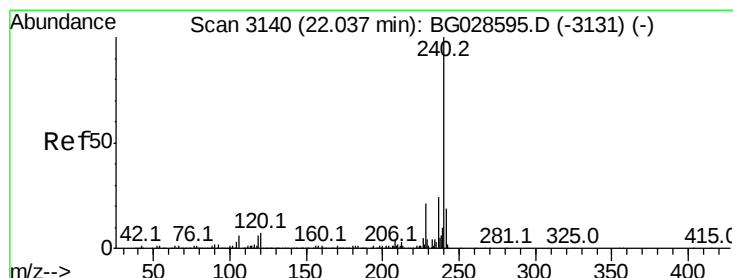
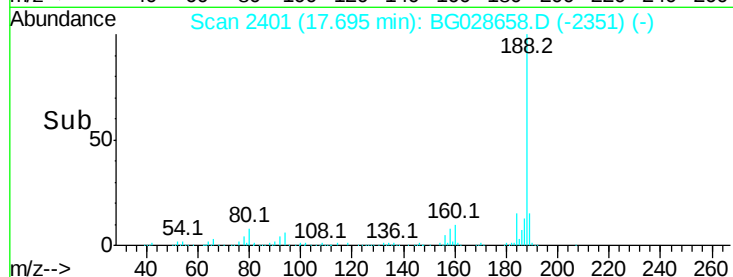
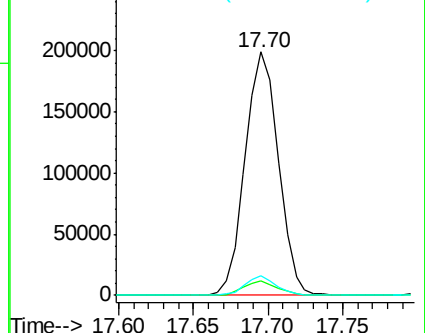
80 8.0 7.5 11.3



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: 22.03 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG028658.D

Acq: 12 Sep 2017 2:24

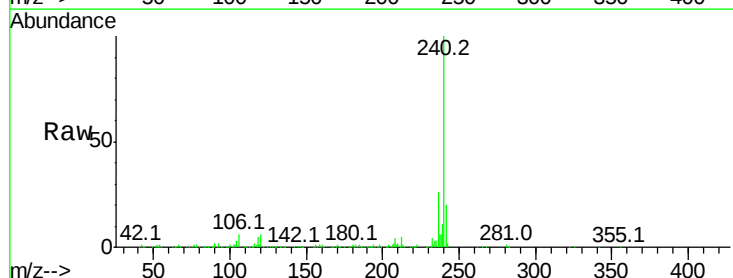
Tgt Ion:240 Resp: 355051

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

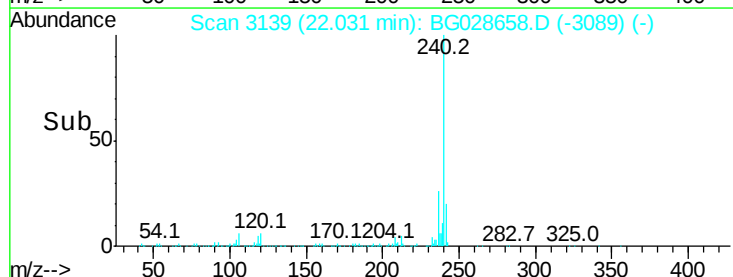
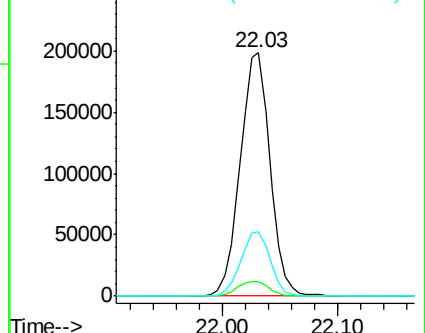
236 26.5 22.2 33.4

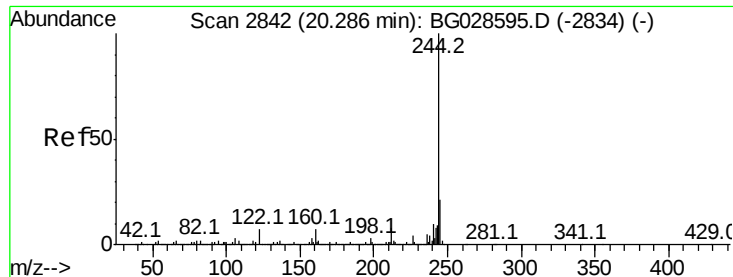


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.087 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028658.D

Acq: 12 Sep 2017 2:24

Instrument :

BNA_G

ClientSampleId :

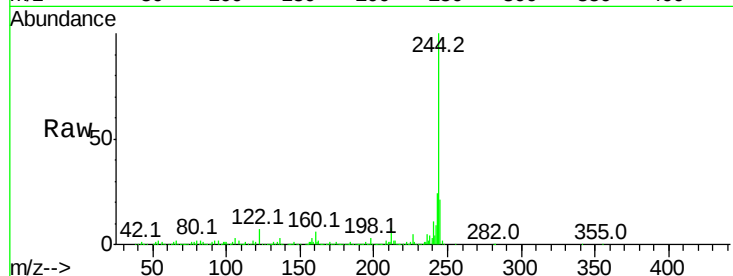
Tot Ion:244 Resp: 1336264

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

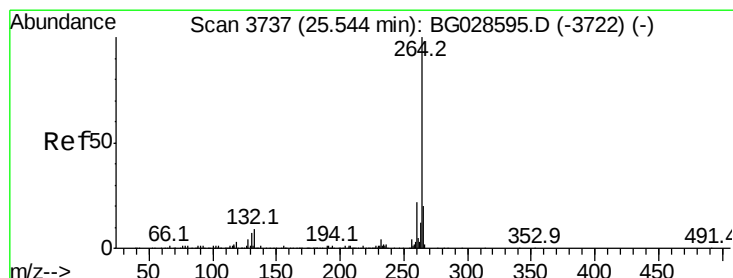
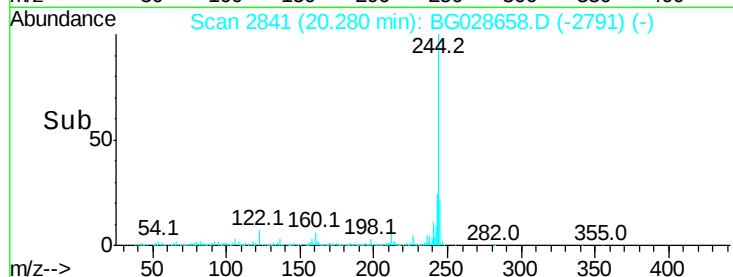
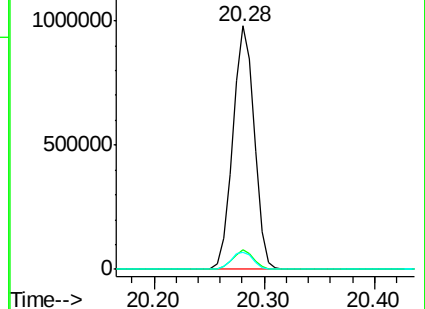
122 7.2 8.6 12.8#



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# 3735

Delta R.T. -0.01 min

Lab File: BG028658.D

Acq: 12 Sep 2017 2:24

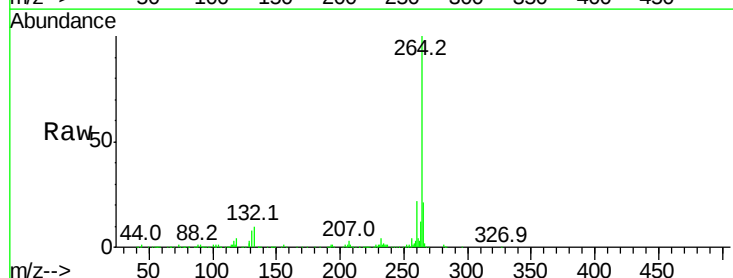
Tgt Ion:264 Resp: 350547

Ion Ratio Lower Upper

264 100

260 22.0 21.8 32.8

265 20.8 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

