

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028638.D
 Acq On : 11 Sep 2017 12:38
 Operator : SJ/JU
 Sample : PB102150BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102150BL

Quant Time: Sep 12 04:37:53 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	36566	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	136679	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	94401	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	265858	20.00	ng	0.00
75) Chrysene-d12	22.03	240	328283	20.00	ng	-0.01
86) Perylene-d12	25.53	264	317136	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	310776	143.10	ng	0.00
7) Phenol-d6	7.49	99	409306	129.94	ng	0.00
23) Nitrobenzene-d5	9.50	82	259273	87.10	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	228756	159.43	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	655585	90.85	ng	0.00
78) Terphenyl-d14	20.28	244	1323151	86.84	ng	0.00

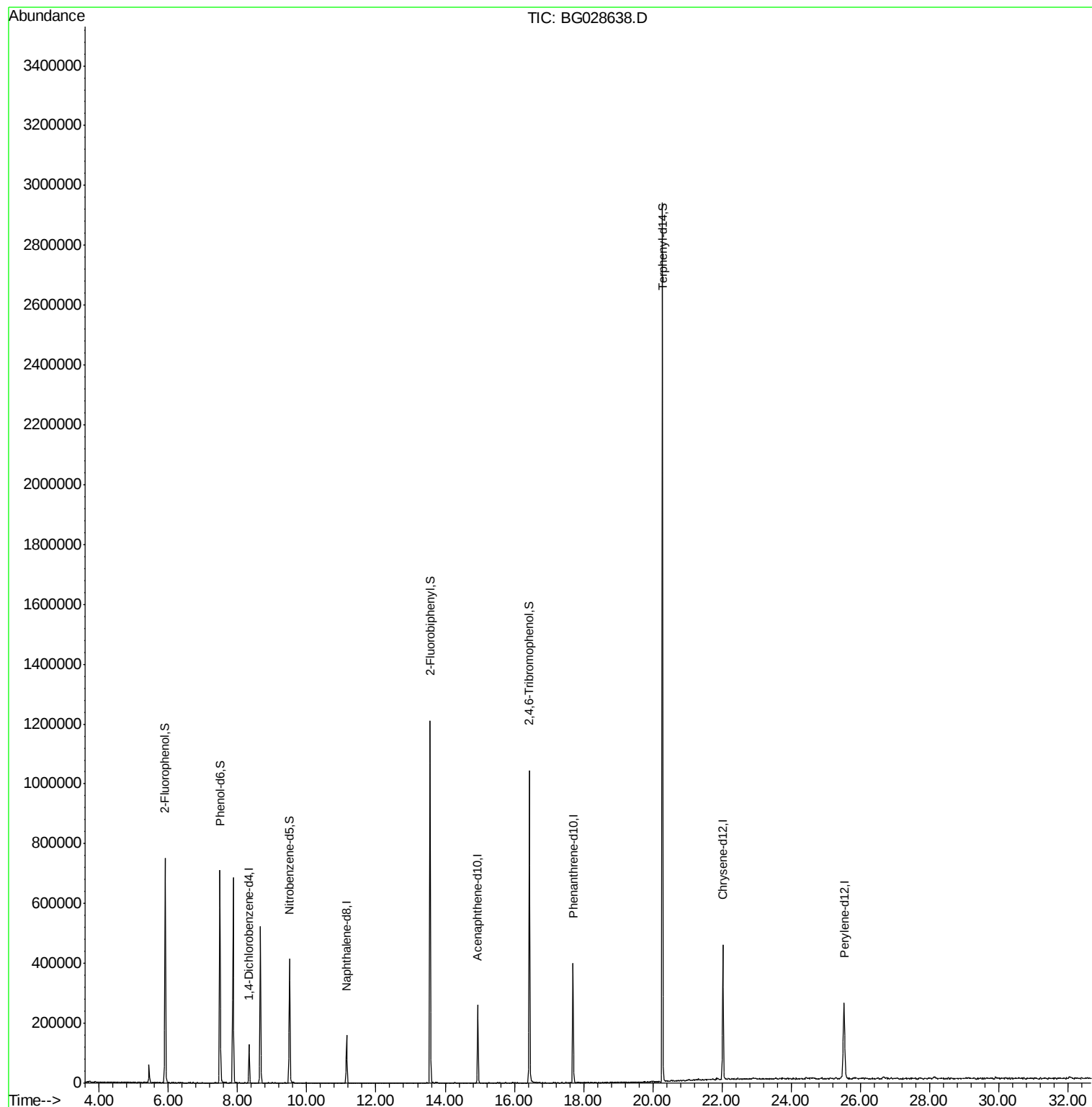
Target Compounds Qvalue

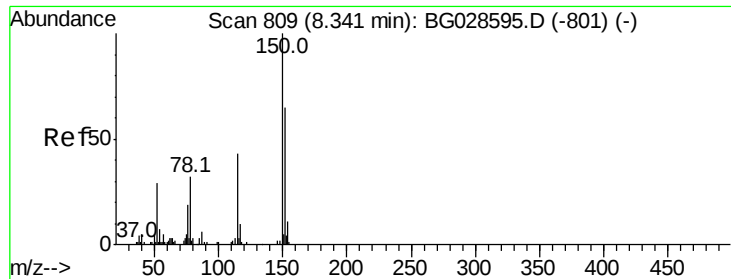
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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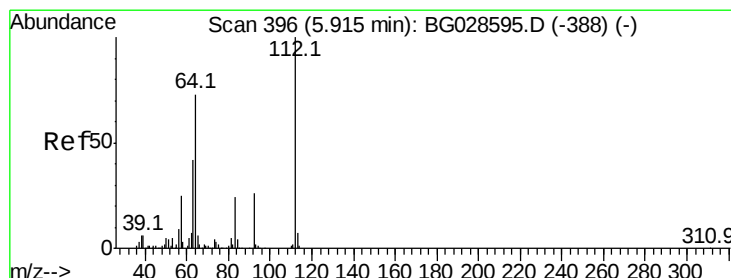
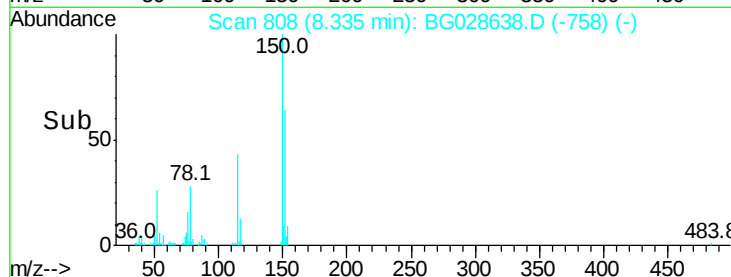
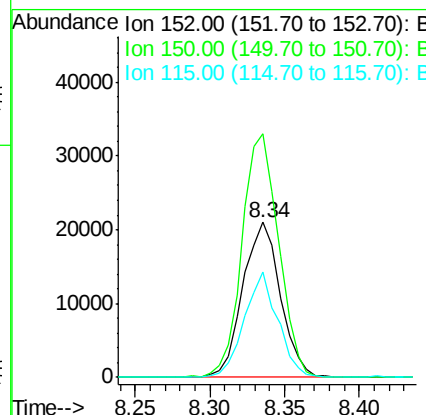
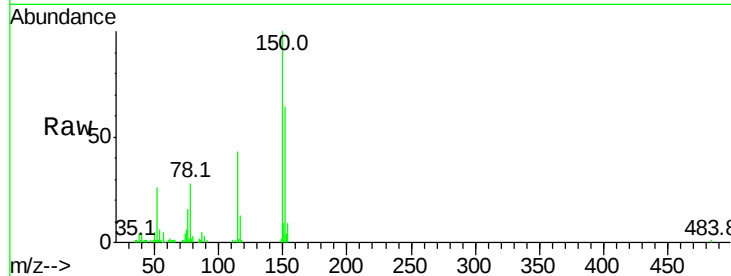


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.34 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BG028638.D
 Acq: 11 Sep 2017 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB102150BL

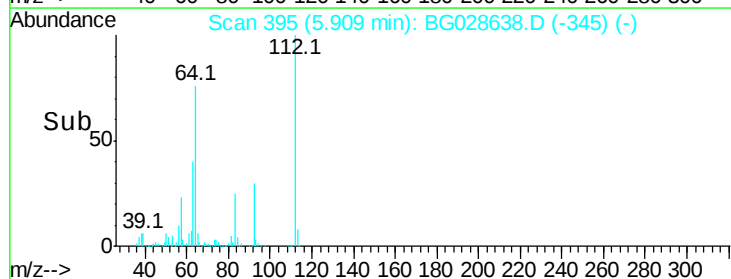
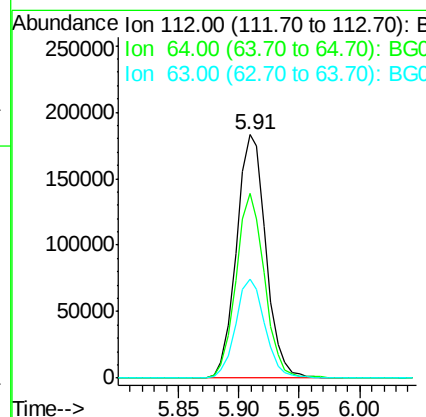
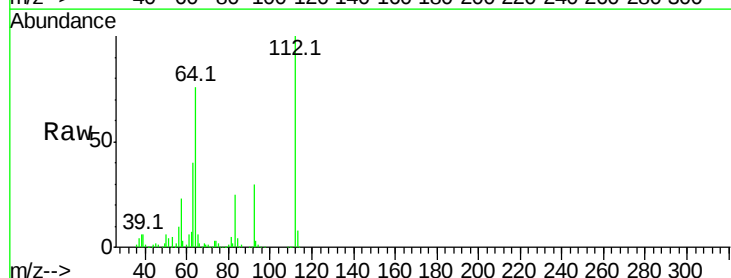
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	114.0	171.0
115	68.1	48.1	72.1

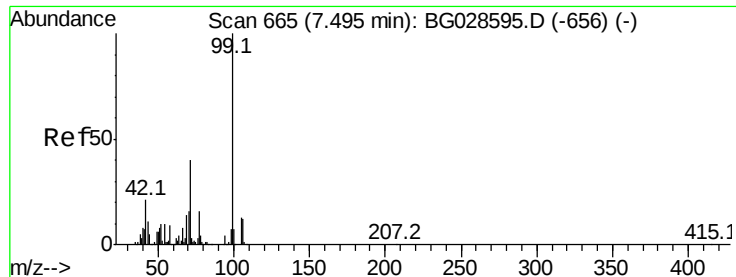


#5

2-Fluorophenol
 Concen: 143.101 ng
 RT: 5.91 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BG028638.D
 Acq: 11 Sep 2017 12:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.7	61.8	92.6
63	40.4	37.2	55.8





#7

Phenol-d6

Concen: 129.937 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028638.D

Acq: 11 Sep 2017 12:38

Instrument :

BNA_G

ClientSampleId :

PB102150BL

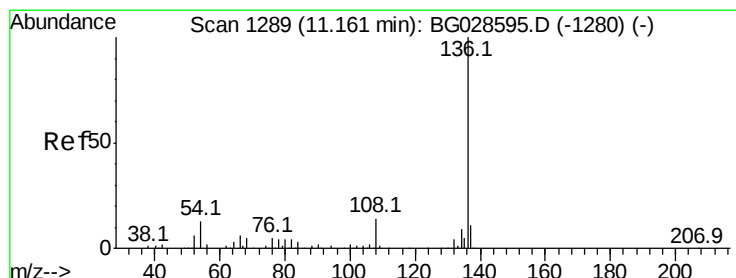
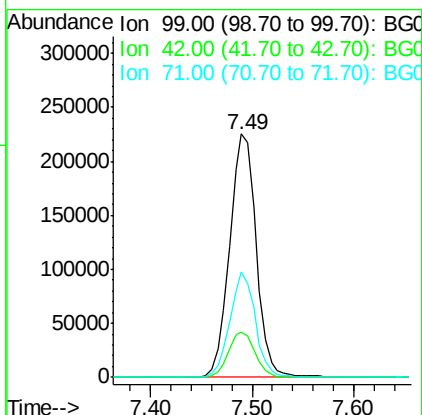
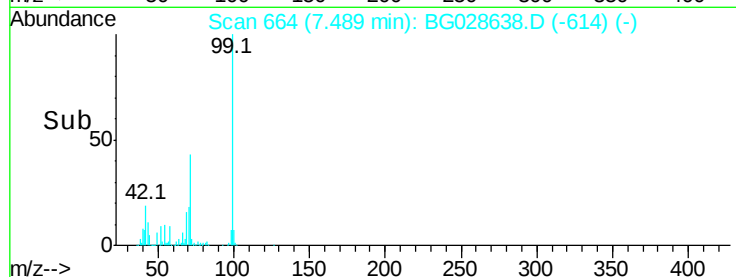
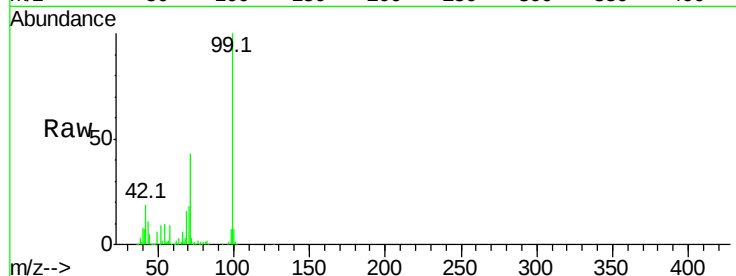
Tot Ion: 99 Resp: 409306

Ion Ratio Lower Upper

99 100

42 18.6 20.5 30.7#

71 43.2 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: BG028638.D

Acq: 11 Sep 2017 12:38

Tgt Ion: 136 Resp: 136679

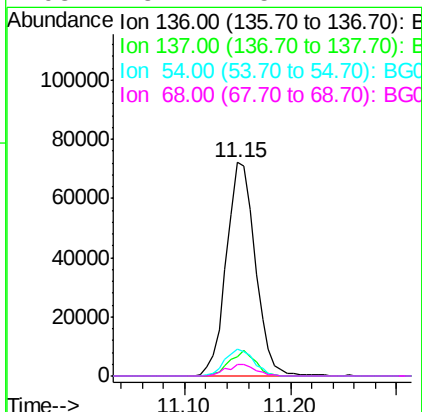
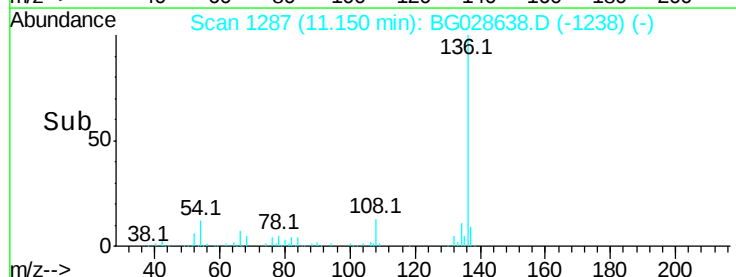
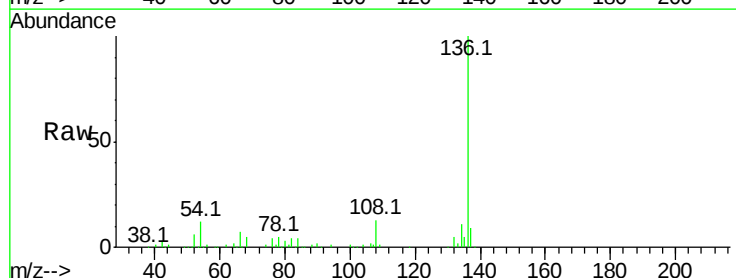
Ion Ratio Lower Upper

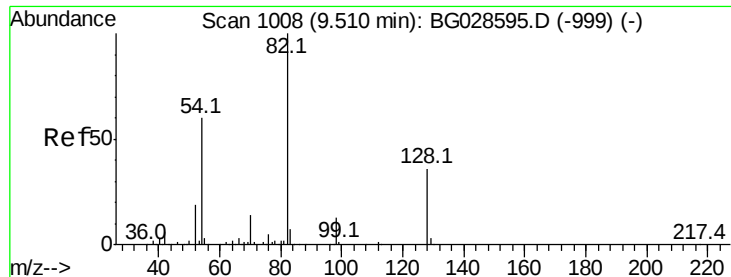
136 100

137 9.0 8.9 13.3

54 12.3 9.3 13.9

68 5.4 5.1 7.7

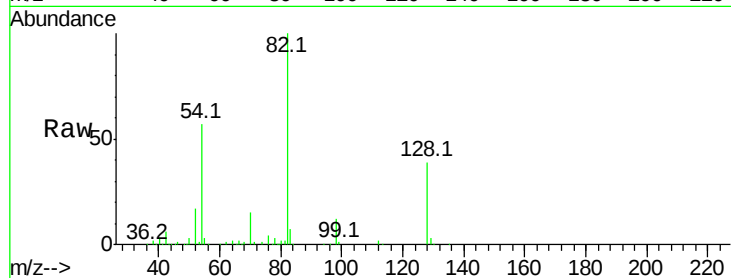




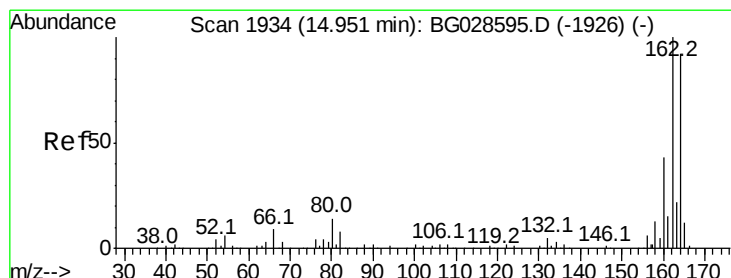
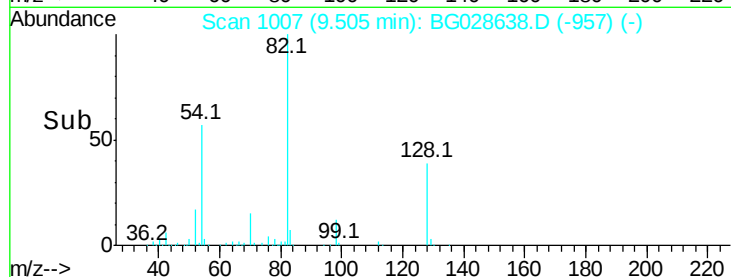
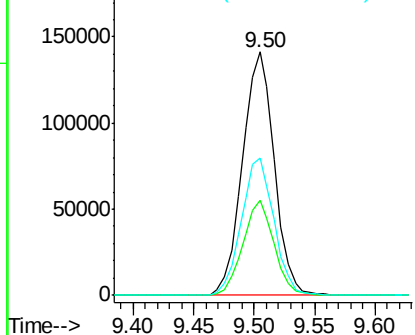
#23
 Nitrobenzene-d5
 Concen: 87.104 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028638.D
 Acq: 11 Sep 2017 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB102150BL

Tot Ion: 82 Resp: 259273
 Ion Ratio Lower Upper
 82 100
 128 39.2 26.4 39.6
 54 56.7 49.4 74.2

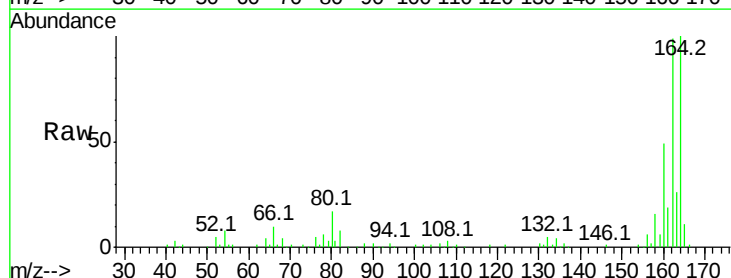


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

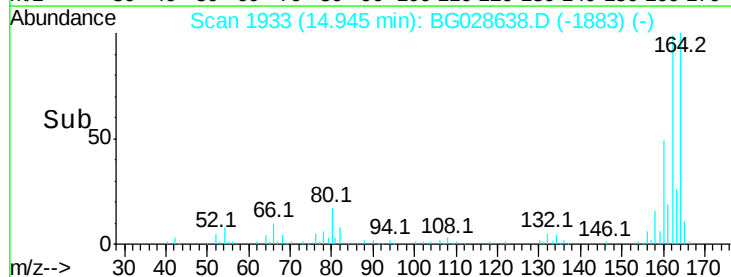
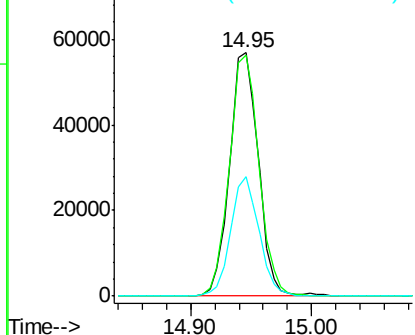


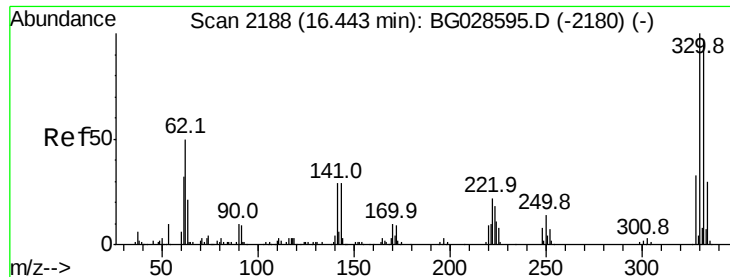
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.95 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG028638.D
 Acq: 11 Sep 2017 12:38

Tgt Ion: 164 Resp: 94401
 Ion Ratio Lower Upper
 164 100
 162 99.2 85.1 127.7
 160 48.9 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

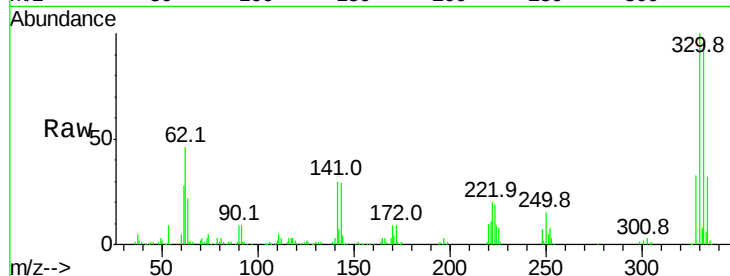




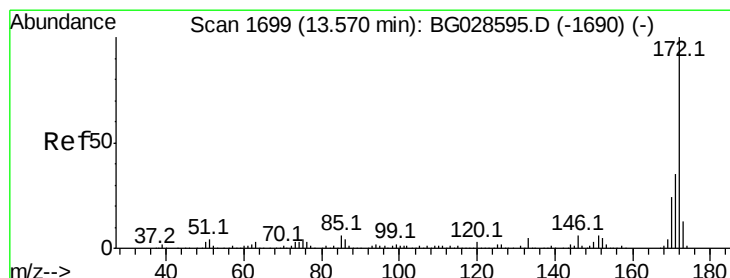
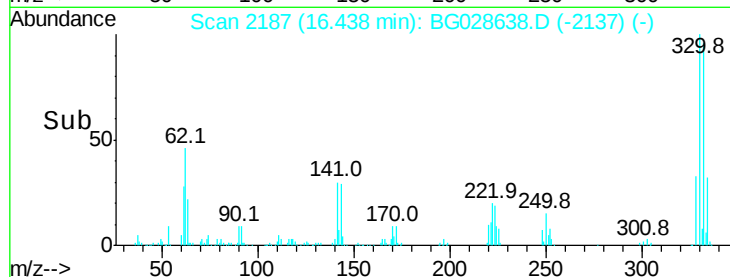
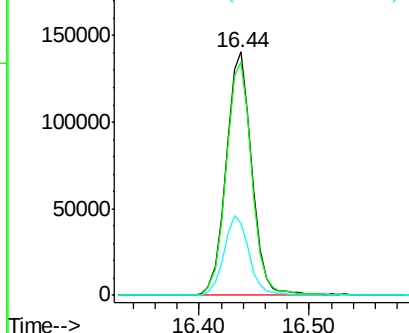
#41
 2,4,6-Tribromophenol
 Concen: 159.434 ng
 RT: 16.44 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG028638.D
 Acq: 11 Sep 2017 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB102150BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	32.1	32.1	48.1

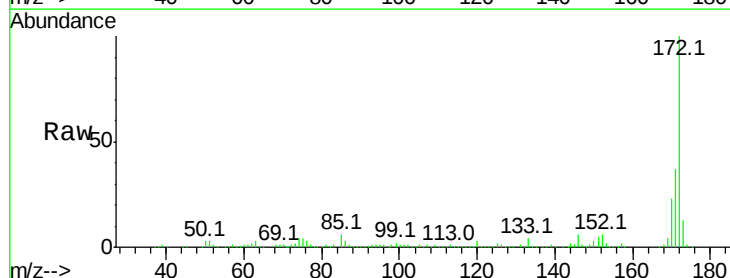


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

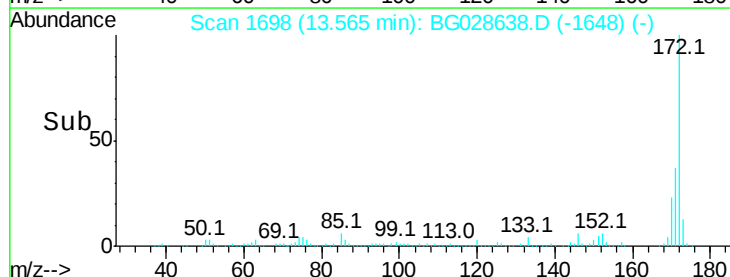
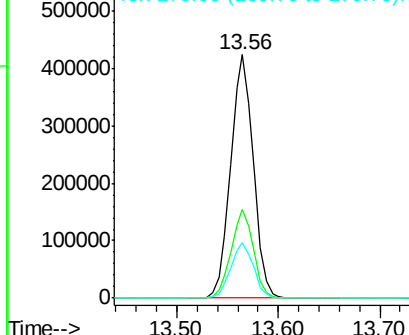


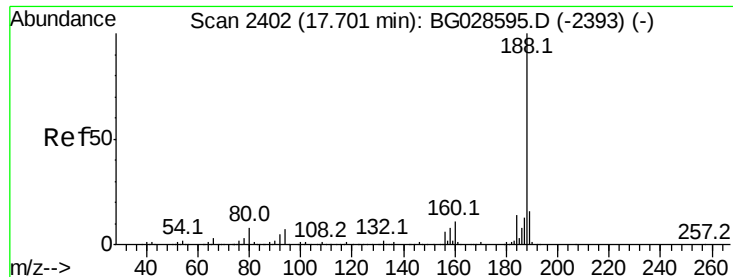
#44
 2-Fluorobiphenyl
 Concen: 90.852 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028638.D
 Acq: 11 Sep 2017 12:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.2	48.2
170	22.6	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: BG028638.D

Acq: 11 Sep 2017 12:38

Instrument :

BNA_G

ClientSampleId :

PB102150BL

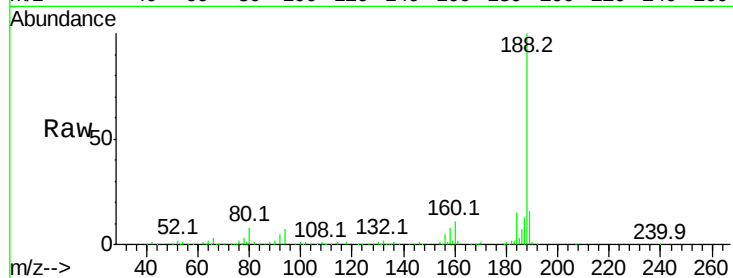
Tot Ion:188 Resp: 265858

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.8

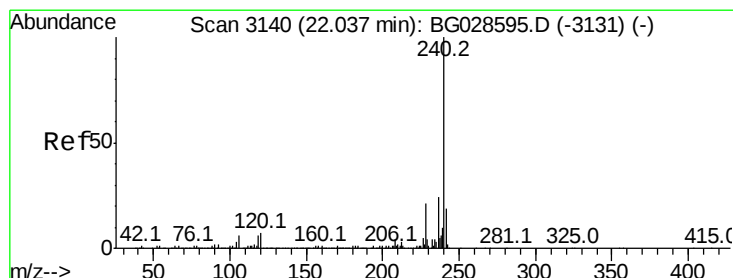
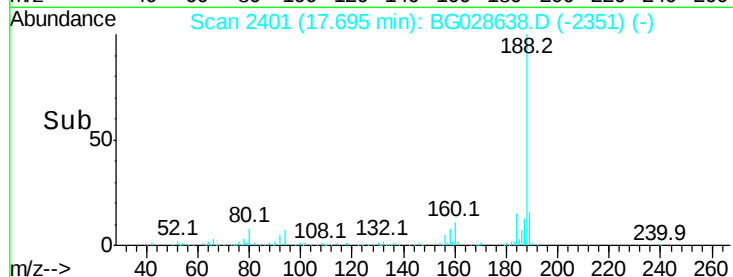
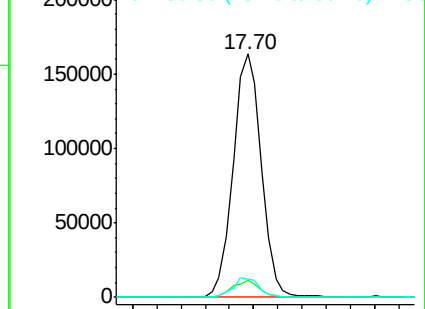
80 7.6 7.5 11.3



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: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028638.D

Acq: 11 Sep 2017 12:38

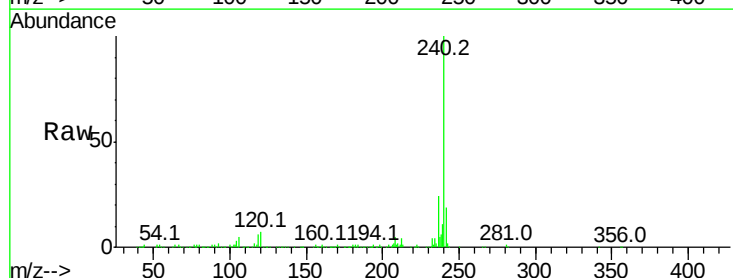
Tgt Ion:240 Resp: 328283

Ion Ratio Lower Upper

240 100

120 6.6 5.7 8.5

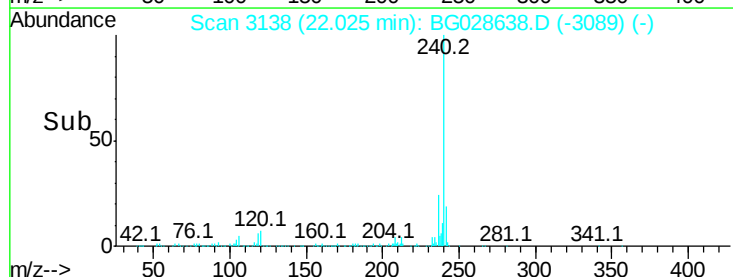
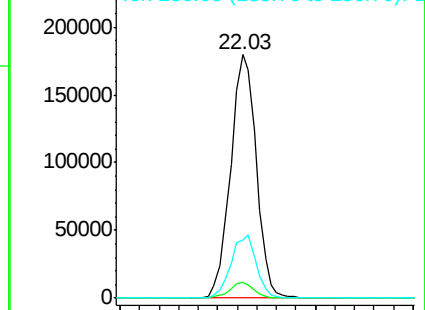
236 24.0 22.2 33.4

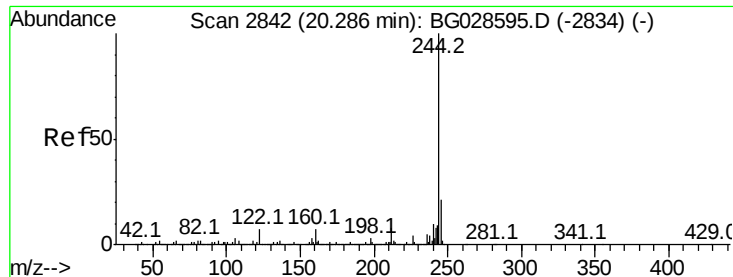


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.838 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028638.D

Acq: 11 Sep 2017 12:38

Instrument :

BNA_G

ClientSampleId :

PB102150BL

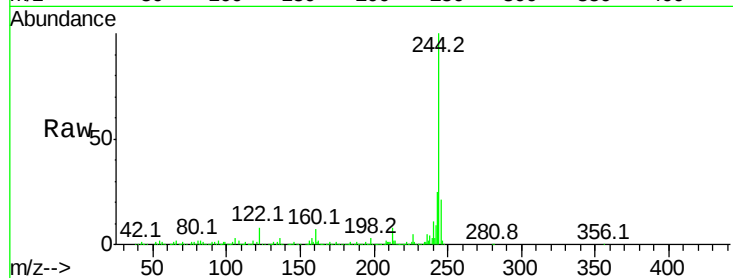
Tot Ion:244 Resp: 1323151

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

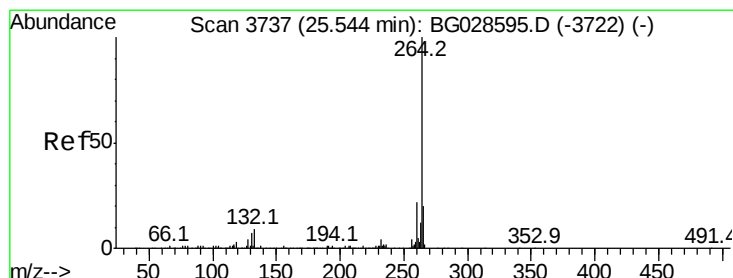
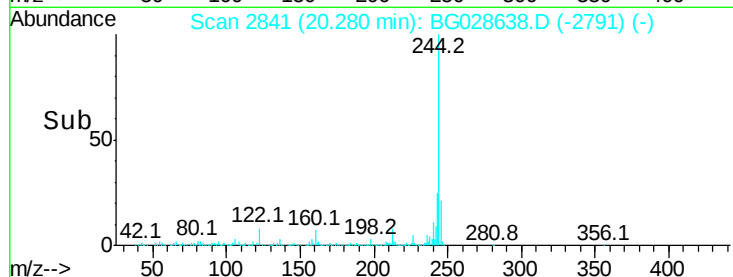
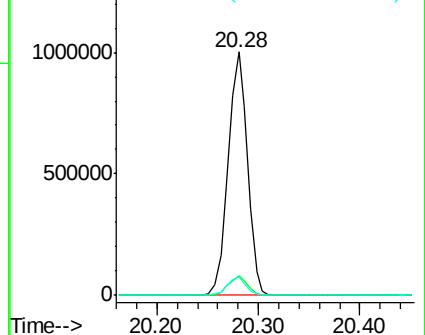
122 7.7 8.6 12.8#



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: BG028638.D

Acq: 11 Sep 2017 12:38

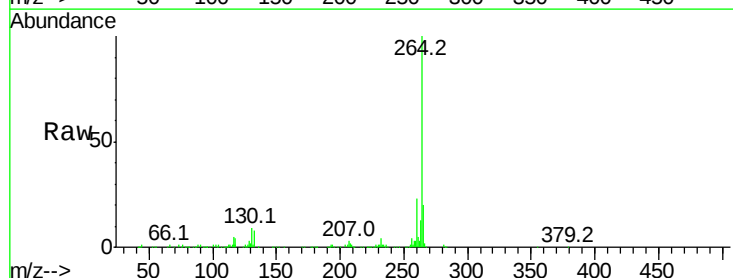
Tgt Ion:264 Resp: 317136

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 19.6 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

