

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028699.D
 Acq On : 13 Sep 2017 15:27
 Operator : SJ/JU
 Sample : I5189-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09-090717

Quant Time: Sep 14 08:32:48 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	8.33	152	27497	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	108084	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	79750	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	246058	20.00	ng	0.00
75) Chrysene-d12	22.02	240	284581	20.00	ng	-0.01
86) Perylene-d12	25.53	264	289029	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	106918	64.16	ng	0.00
7) Phenol-d6	7.48	99	90587	36.10	ng	0.00
23) Nitrobenzene-d5	9.50	82	235801	104.36	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	249812	189.39	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	612518	102.41	ng	0.00
78) Terphenyl-d14	20.28	244	1352085	101.32	ng	0.00

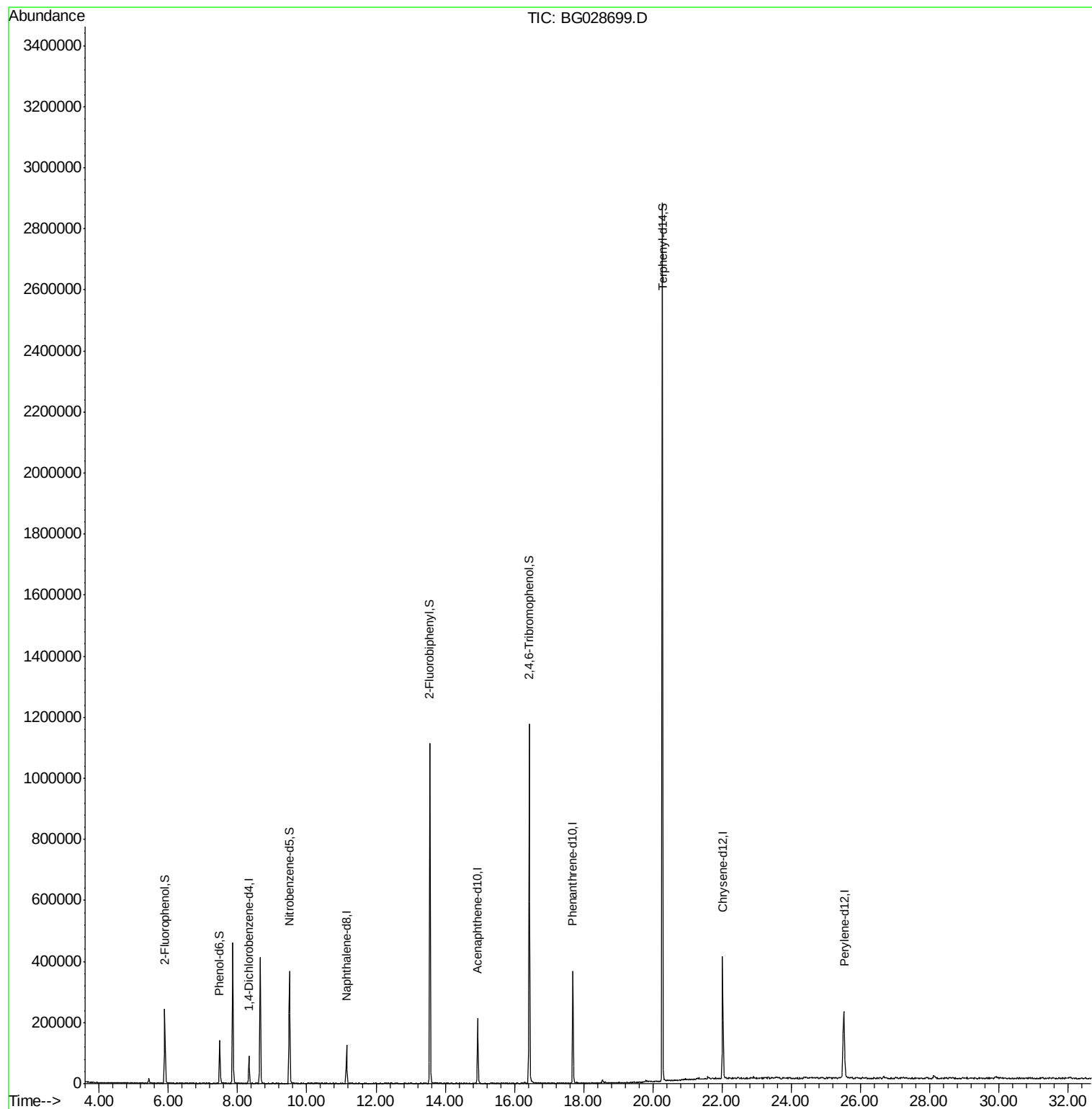
Target Compounds Qvalue

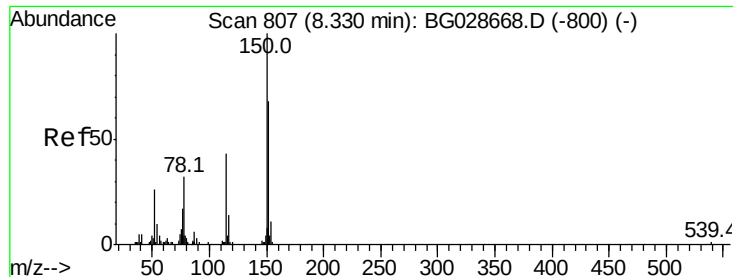
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG028699.D

Acq: 13 Sep 2017 15:27

Instrument :

BNA_G

ClientSampleId :

C-MW-09-090717

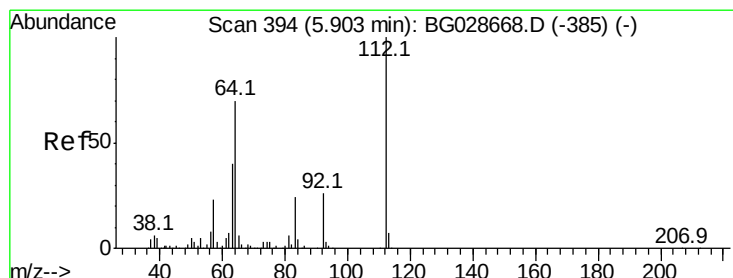
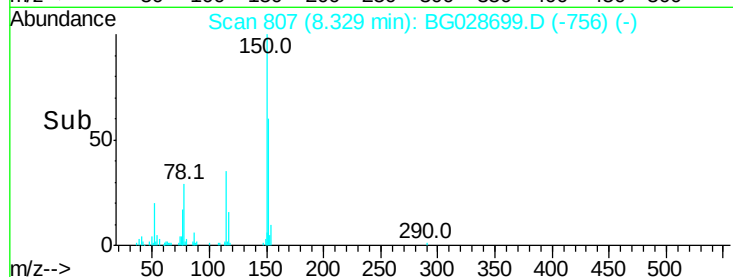
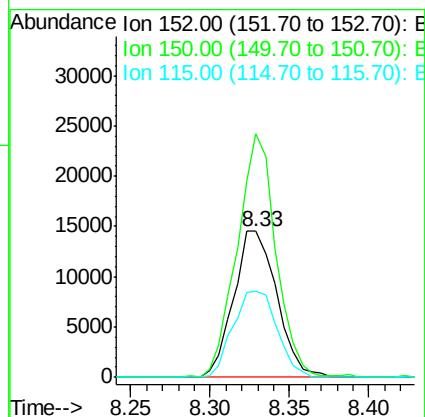
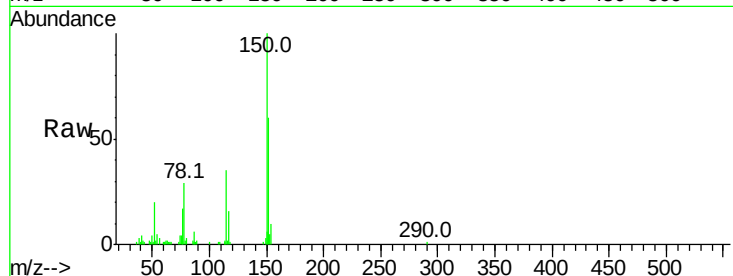
Tot Ion:152 Resp: 27497

Ion Ratio Lower Upper

152 100

150 166.4 114.0 171.0

115 58.8 48.1 72.1



#5

2-Fluorophenol

Concen: 64.160 ng

RT: 5.90 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG028699.D

Acq: 13 Sep 2017 15:27

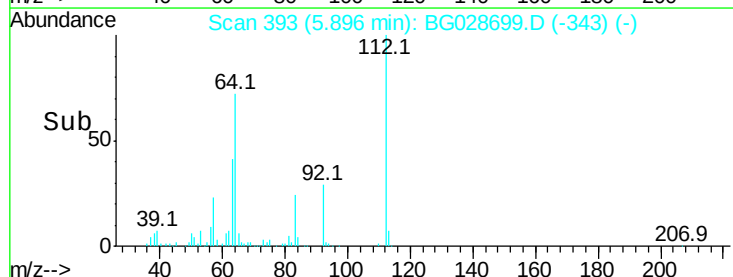
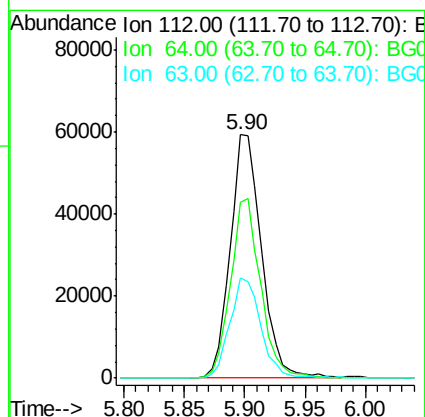
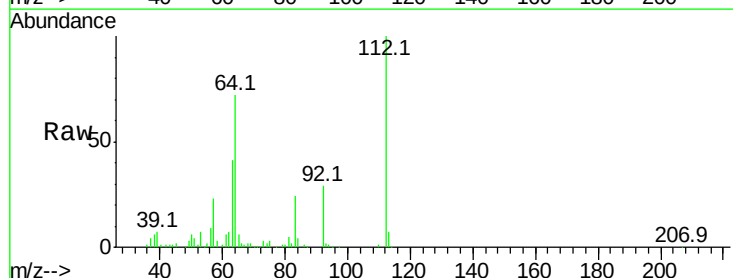
Tgt Ion:112 Resp: 106918

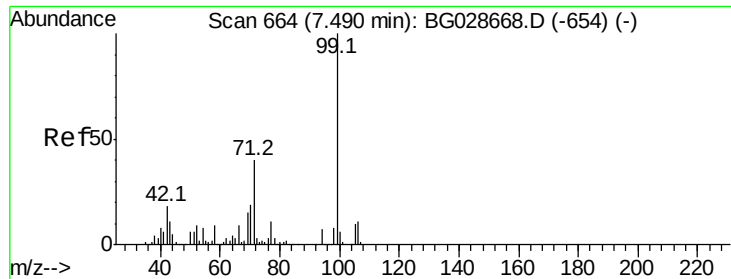
Ion Ratio Lower Upper

112 100

64 72.0 61.8 92.6

63 41.0 37.2 55.8





#7

Phenol-d6

Concen: 36.105 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028699.D

Acq: 13 Sep 2017 15:27

Instrument :

BNA_G

ClientSampleId :

C-MW-09-090717

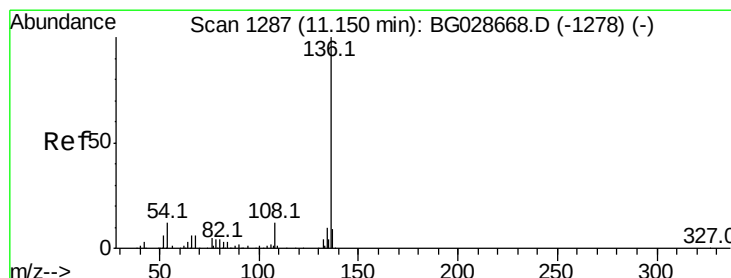
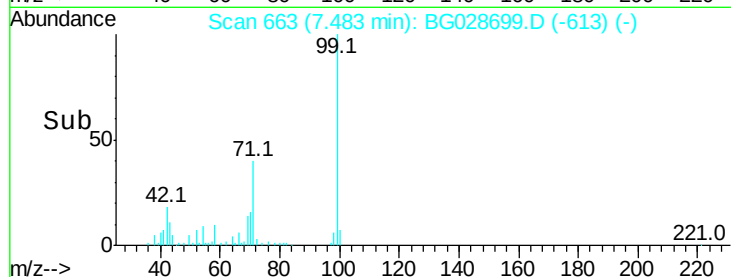
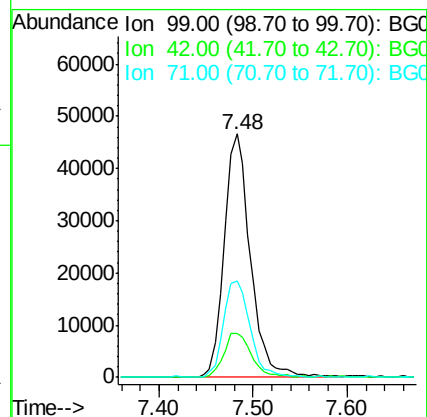
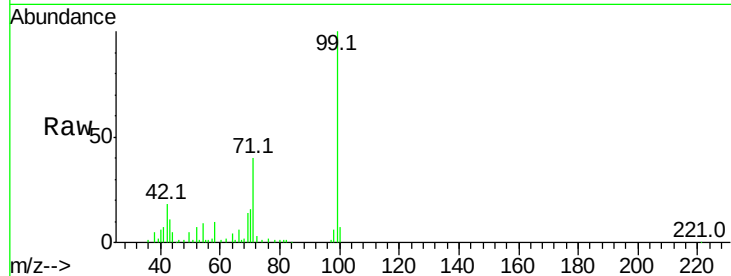
Tot Ion: 99 Resp: 90587

Ion Ratio Lower Upper

99 100

42 18.1 20.5 30.7#

71 39.6 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028699.D

Acq: 13 Sep 2017 15:27

Tgt Ion: 136 Resp: 108084

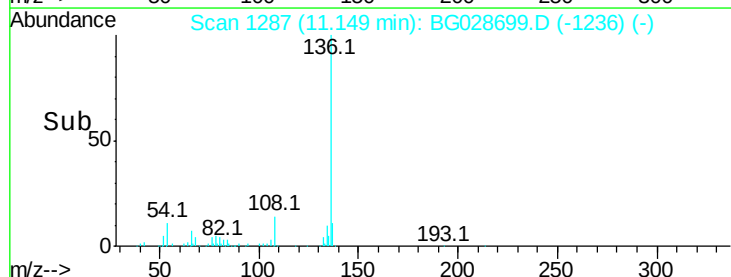
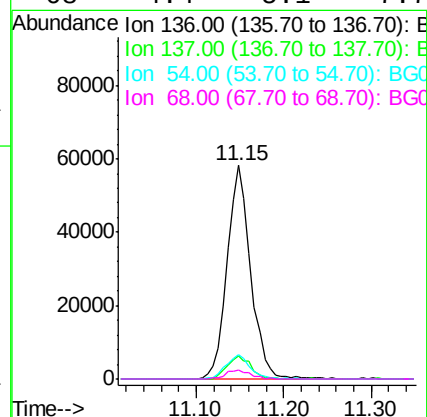
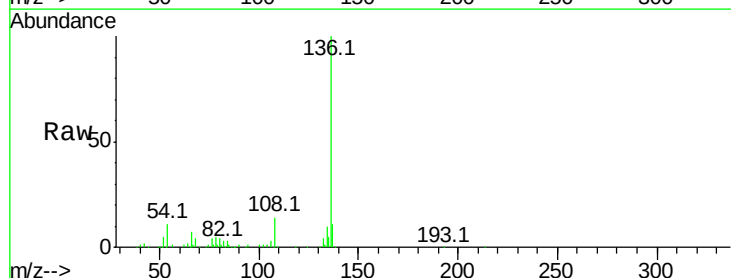
Ion Ratio Lower Upper

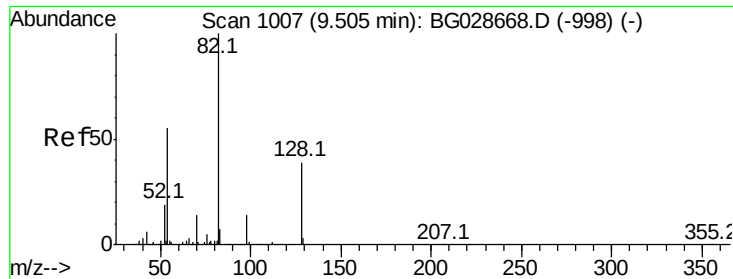
136 100

137 10.8 8.9 13.3

54 11.1 9.3 13.9

68 4.4 5.1 7.7#

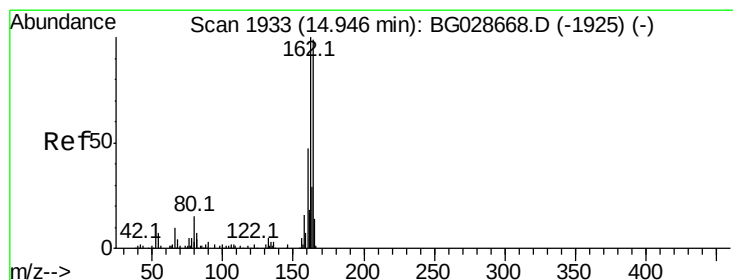
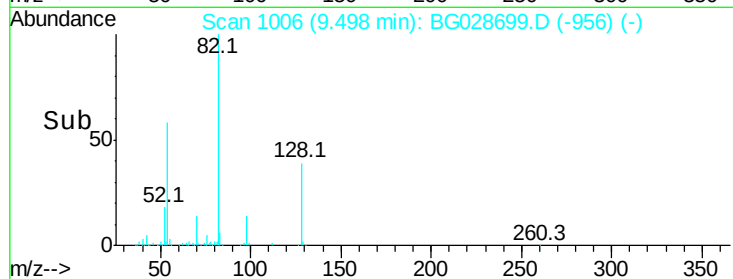
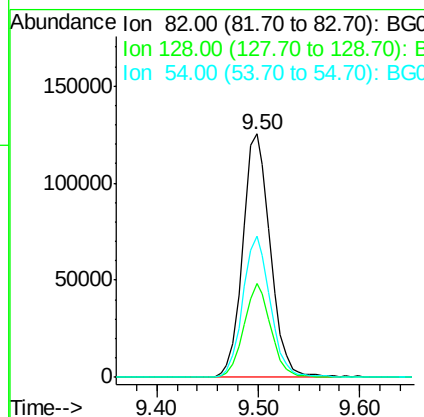
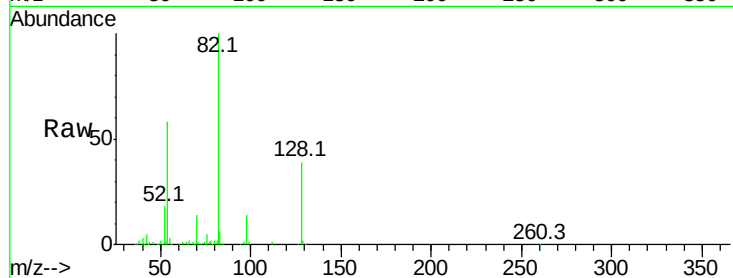




#23
 Nitrobenzene-d5
 Concen: 104.364 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028699.D
 Acq: 13 Sep 2017 15:27

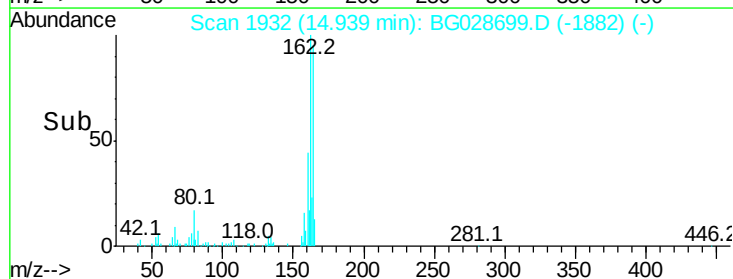
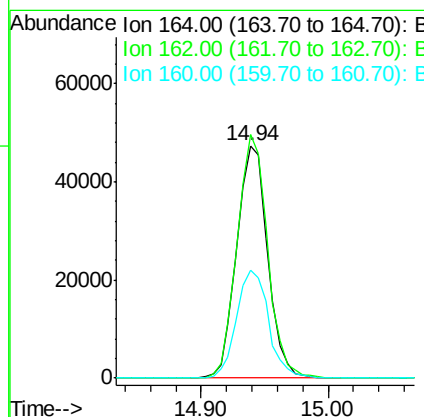
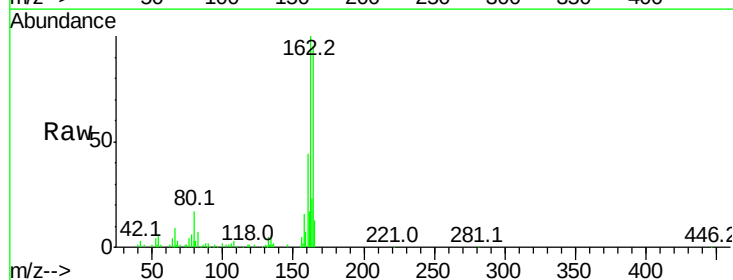
Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09-090717

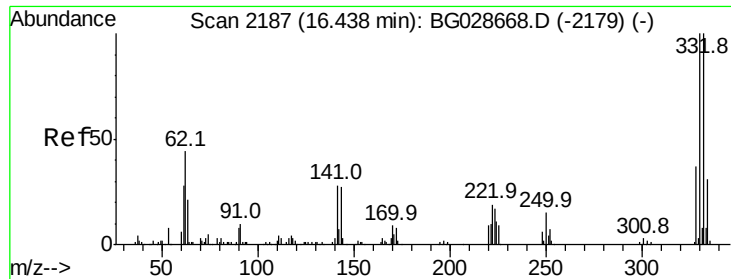
Tot Ion	82	Resp	235801
Ion	Ratio	Lower	Upper
82	100		
128	38.7	26.4	39.6
54	58.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028699.D
 Acq: 13 Sep 2017 15:27

Tgt Ion	164	Resp	79750
Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.1	127.7
160	46.5	34.7	52.1

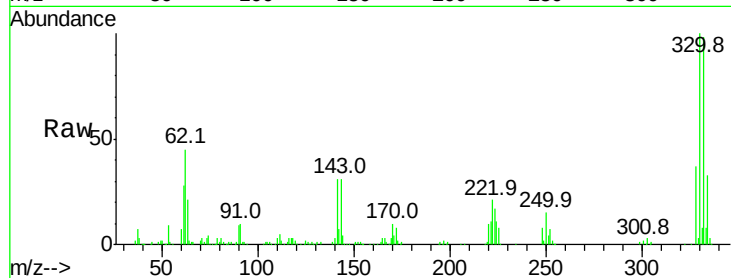




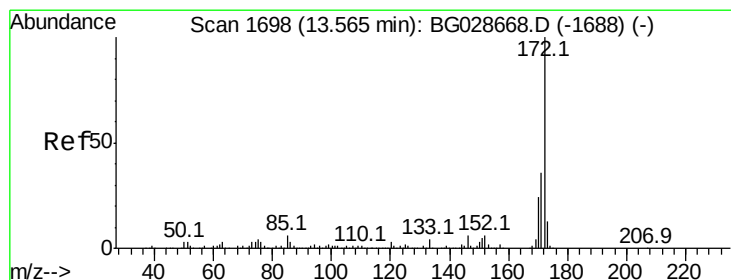
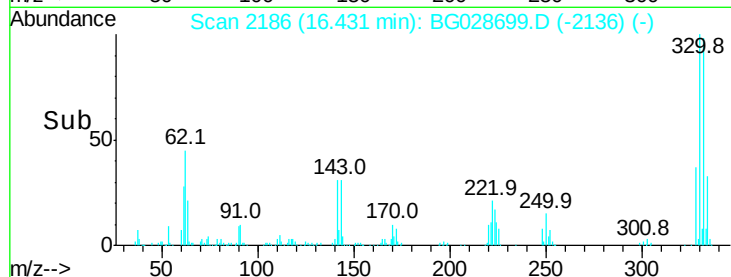
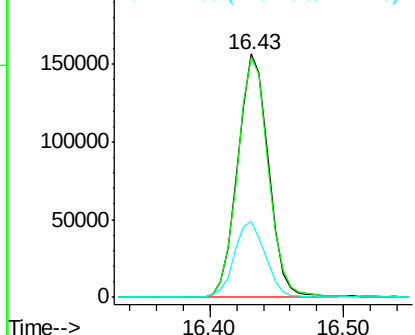
#41
 2,4,6-Tribromophenol
 Concen: 189.393 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028699.D
 Acq: 13 Sep 2017 15:27

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09-090717

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.3	115.9
141	31.7	32.1	48.1#

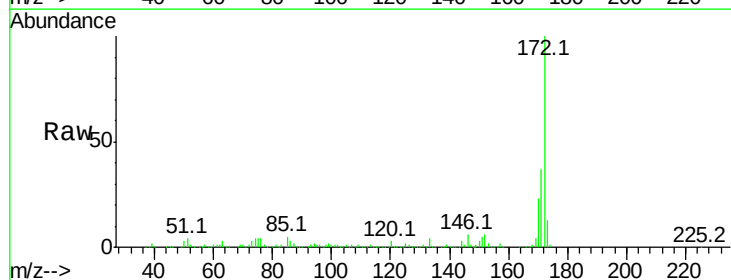


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

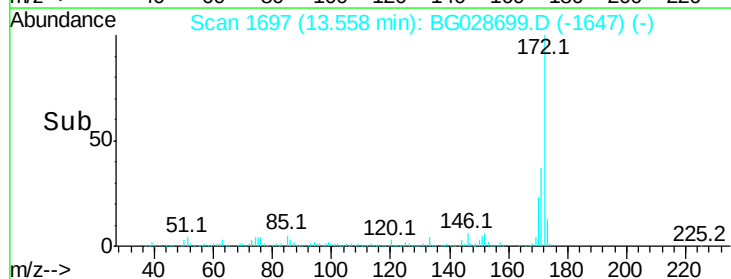
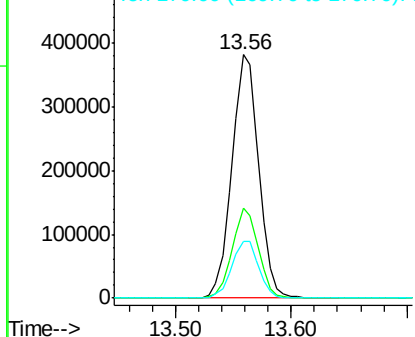


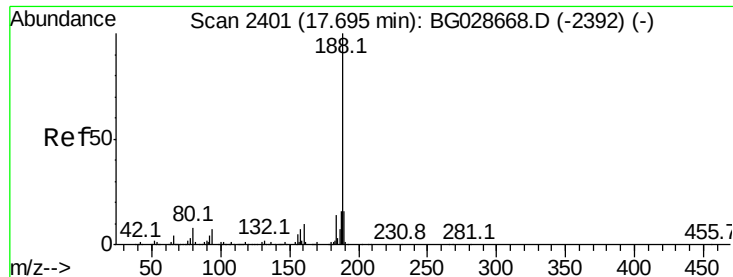
#44
 2-Fluorobiphenyl
 Concen: 102.413 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028699.D
 Acq: 13 Sep 2017 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	23.1	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. -0.00 min

Lab File: BG028699.D

Acq: 13 Sep 2017 15:27

Instrument :

BNA_G

ClientSampleId :

C-MW-09-090717

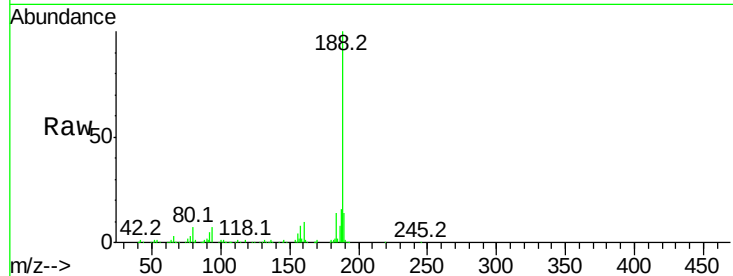
Tot Ion:188 Resp: 246058

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.8

80 6.5 7.5 11.3#

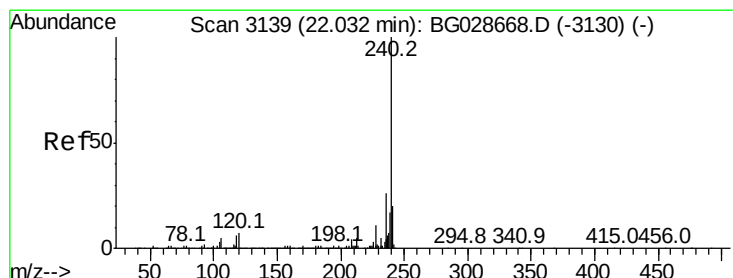
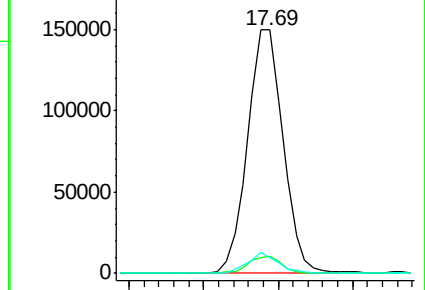
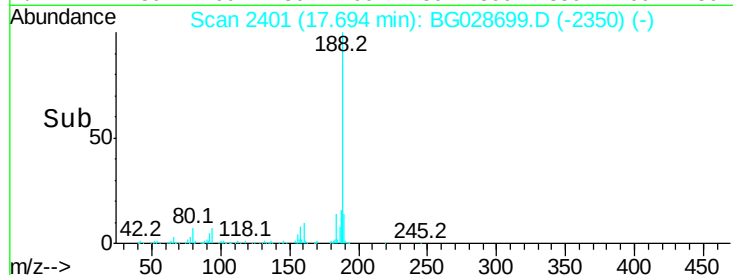


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.69



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028699.D

Acq: 13 Sep 2017 15:27

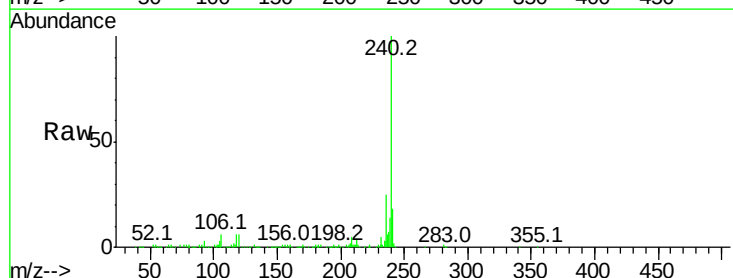
Tgt Ion:240 Resp: 284581

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

236 24.9 22.2 33.4

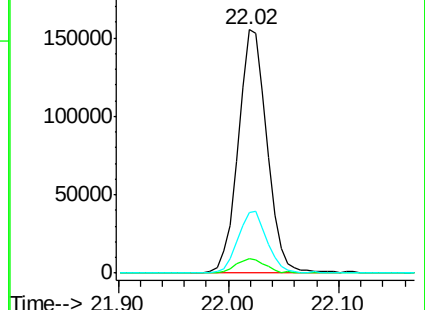
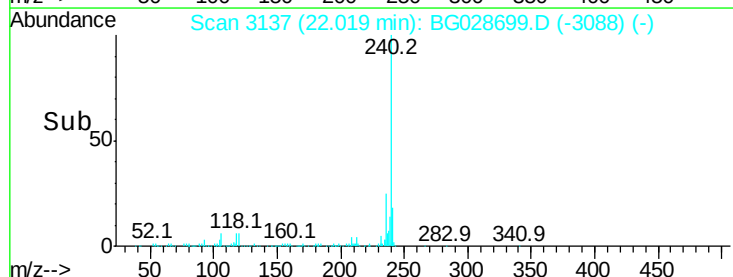


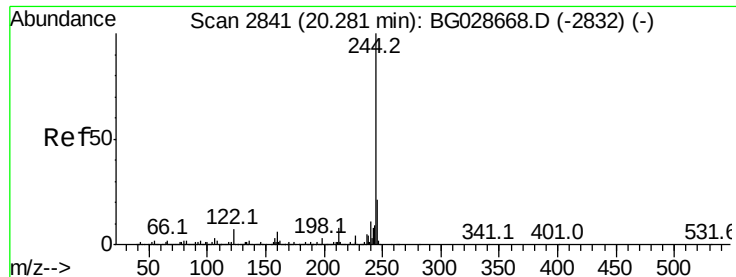
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

22.02





#78

Terphenyl-d14

Concen: 101.321 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028699.D

Acq: 13 Sep 2017 15:27

Instrument :

BNA_G

ClientSampleId :

C-MW-09-090717

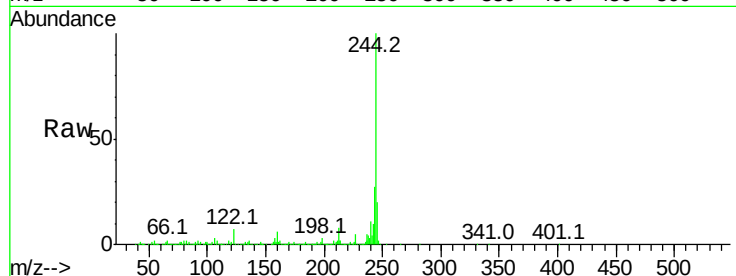
Tot Ion:244 Resp: 1352085

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

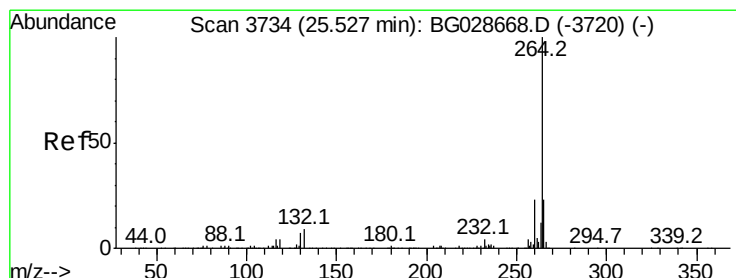
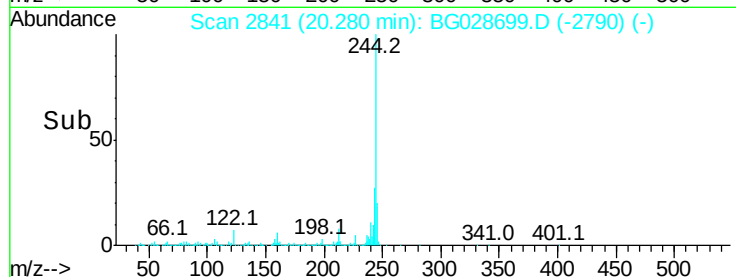
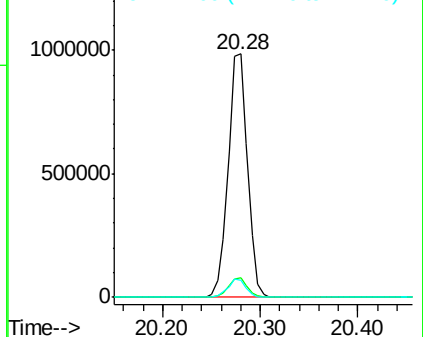
122 7.0 8.6 12.8#



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. -0.00 min

Lab File: BG028699.D

Acq: 13 Sep 2017 15:27

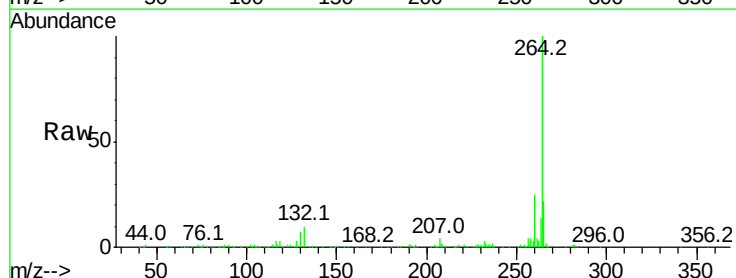
Tgt Ion:264 Resp: 289029

Ion Ratio Lower Upper

264 100

260 24.9 21.8 32.8

265 21.7 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

