

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028695.D
 Acq On : 13 Sep 2017 12:51
 Operator : SJ/JU
 Sample : I5189-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-05-090717

Quant Time: Sep 13 13:28:48 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

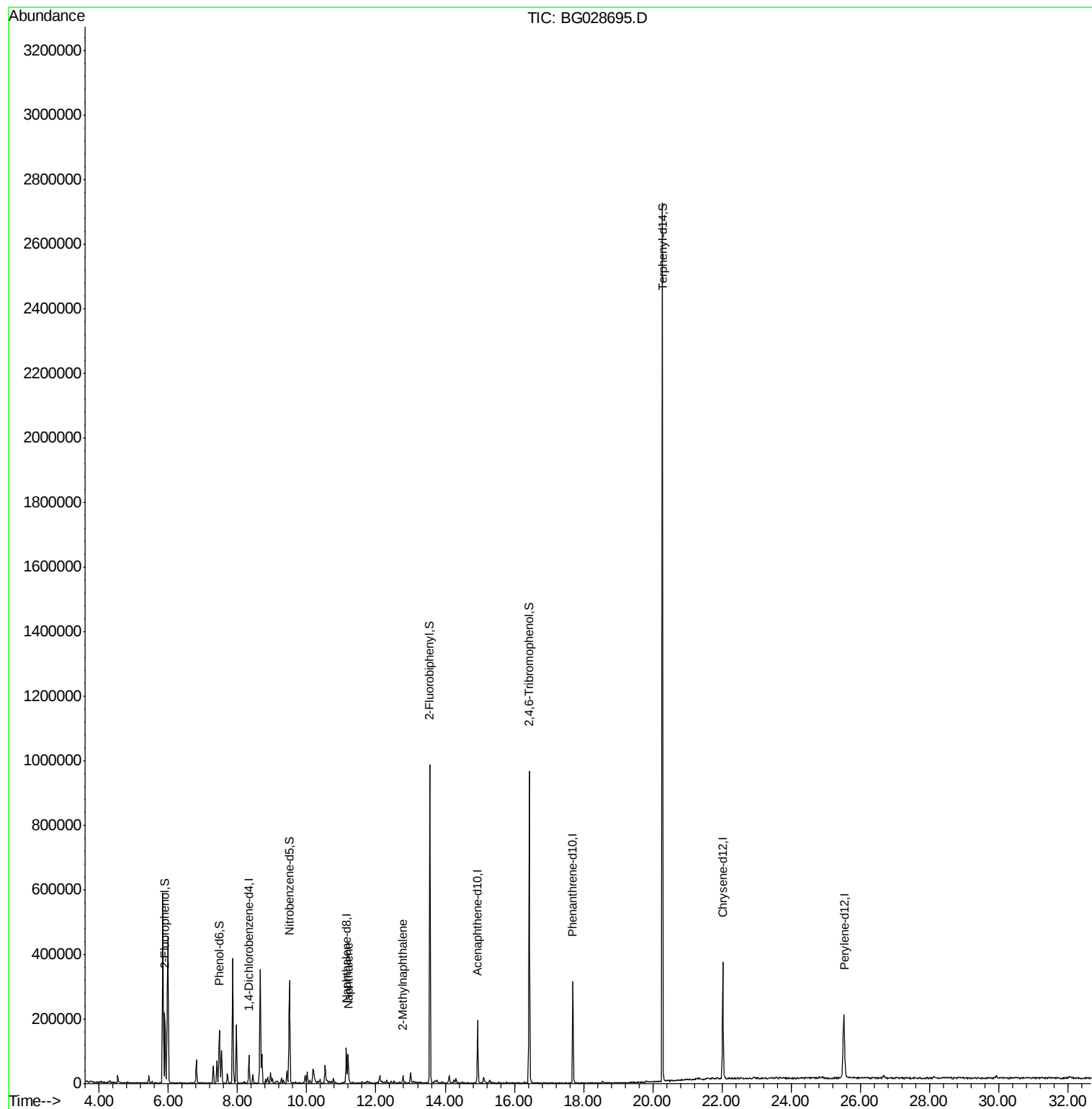
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	23759	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	94765	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	68346	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	208997	20.00	ng	0.00
75) Chrysene-d12	22.02	240	258370	20.00	ng	-0.01
86) Perylene-d12	25.52	264	263237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	97335	67.60	ng	0.00
7) Phenol-d6	7.48	99	80069	36.93	ng	0.00
23) Nitrobenzene-d5	9.50	82	200159	101.04	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	210477	186.20	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	523653	102.16	ng	0.00
78) Terphenyl-d14	20.28	244	1260396	104.03	ng	0.00
Target Compounds						
31) Naphthalene	11.20	128	72469	14.642	ng	97
37) 2-Methylnaphthalene	12.78	142	11939	3.231	ng	94

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

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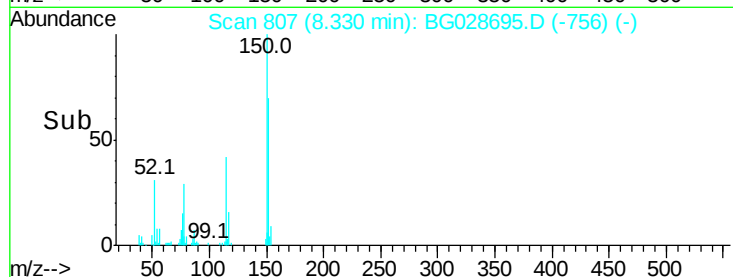
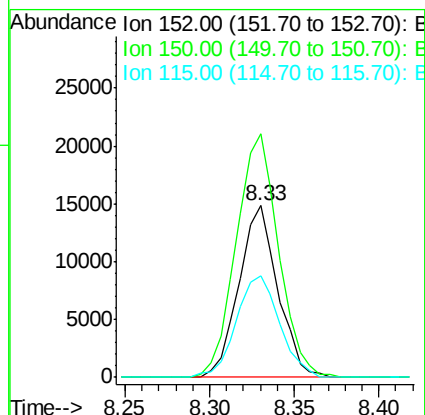
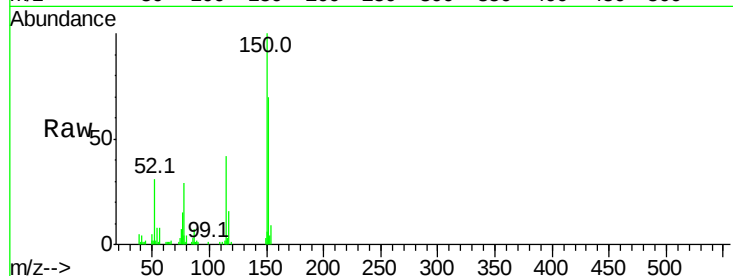


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG028695.D
Acq: 13 Sep 2017 12:51

Instrument :
BNA_G
ClientSampleId :
PR-MW-05-090717

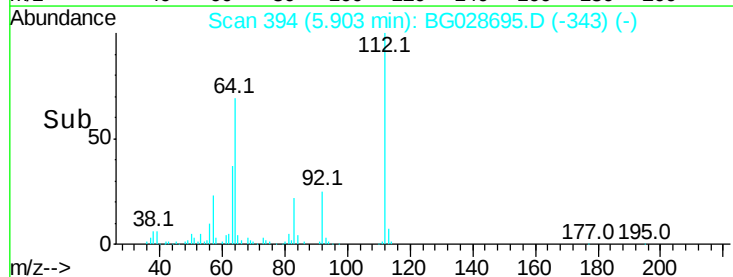
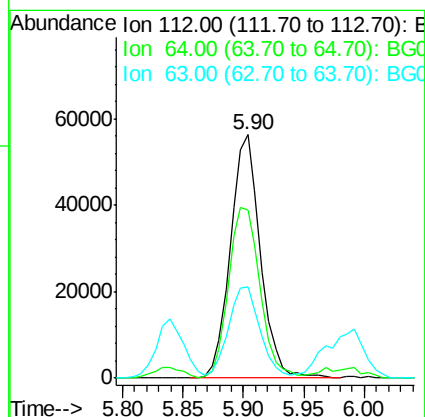
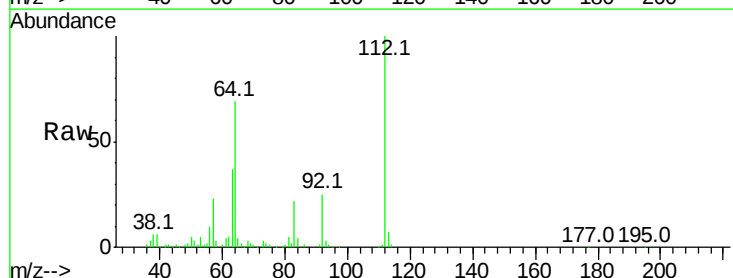
Tot Ion:152 Resp: 23759
Ion Ratio Lower Upper
152 100
150 141.9 114.0 171.0
115 59.5 48.1 72.1

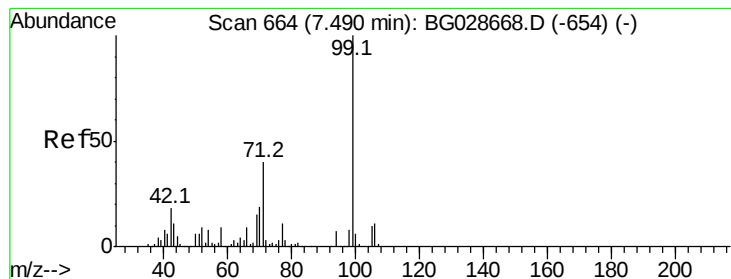


#5

2-Fluorophenol
Concen: 67.599 ng
RT: 5.90 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028695.D
Acq: 13 Sep 2017 12:51

Tgt Ion:112 Resp: 97335
Ion Ratio Lower Upper
112 100
64 68.9 61.8 92.6
63 37.4 37.2 55.8





#7

Phenol-d6

Concen: 36.933 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028695.D

Acq: 13 Sep 2017 12:51

Instrument :

BNA_G

ClientSampleId :

PR-MW-05-090717

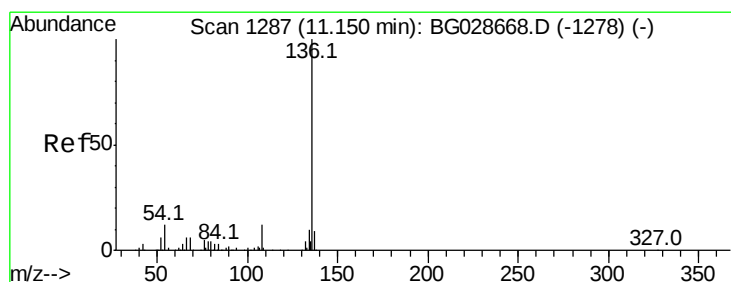
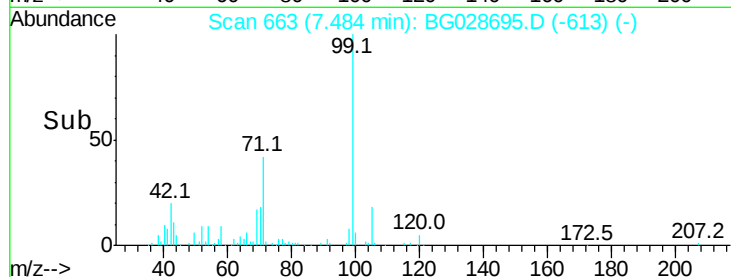
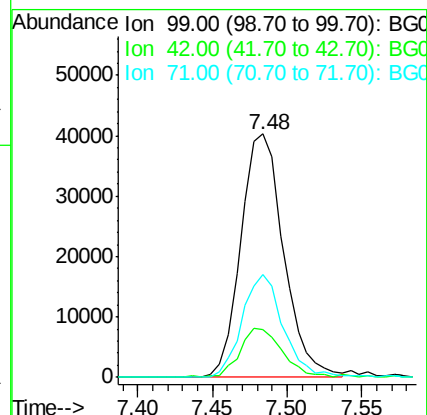
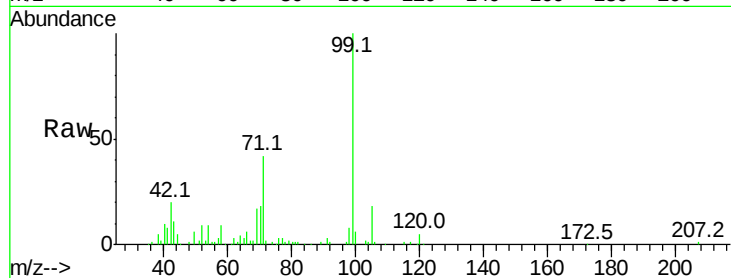
Tot Ion: 99 Resp: 80069

Ion Ratio Lower Upper

99 100

42 19.6 20.5 30.7#

71 42.2 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: BG028695.D

Acq: 13 Sep 2017 12:51

Tgt Ion: 136 Resp: 94765

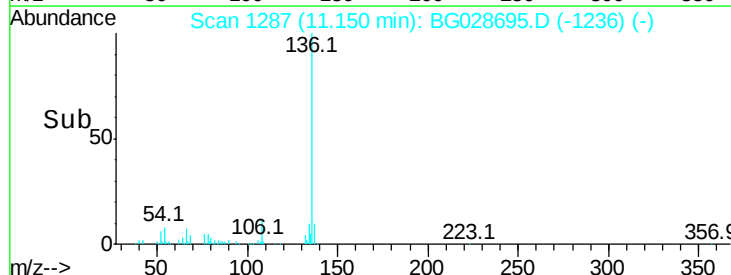
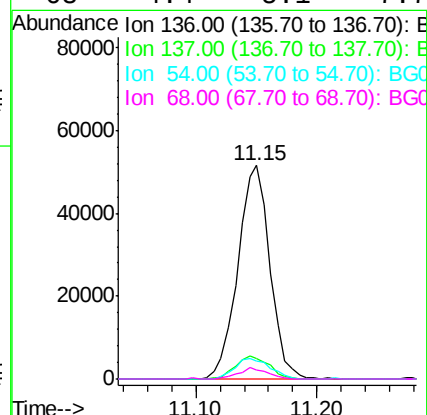
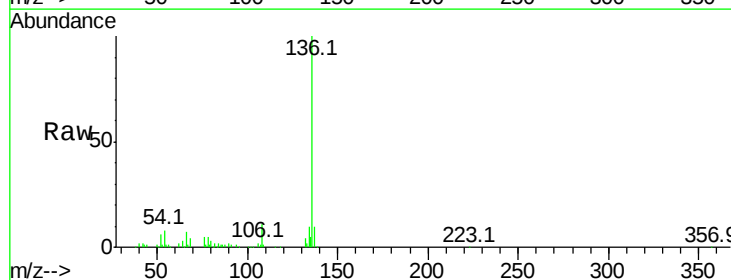
Ion Ratio Lower Upper

136 100

137 9.6 8.9 13.3

54 8.3 9.3 13.9#

68 4.4 5.1 7.7#

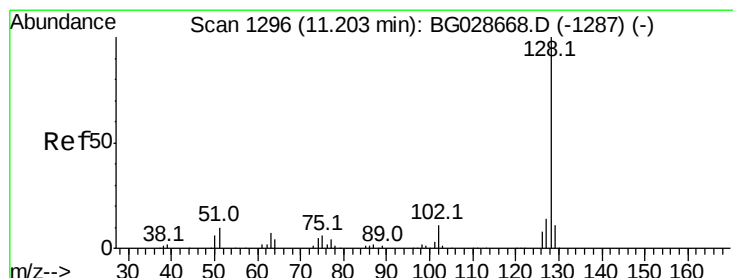
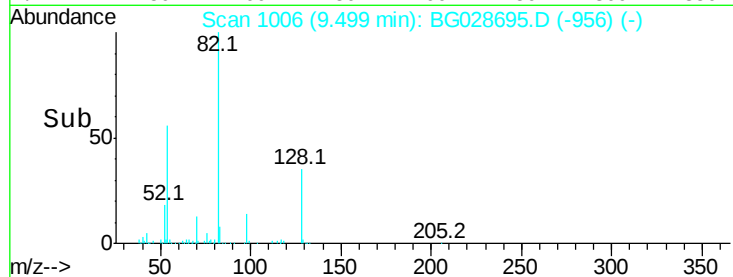
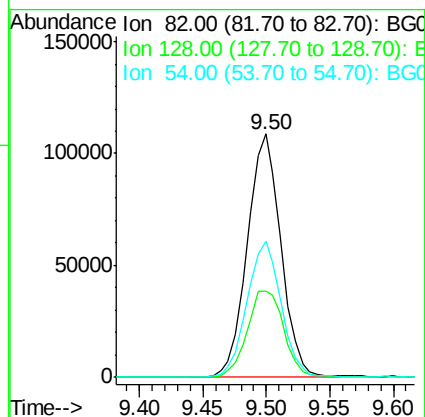
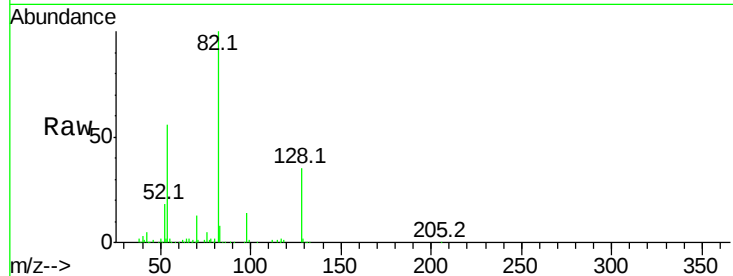




#23
 Nitrobenzene-d5
 Concen: 101.040 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028695.D
 Acq: 13 Sep 2017 12:51

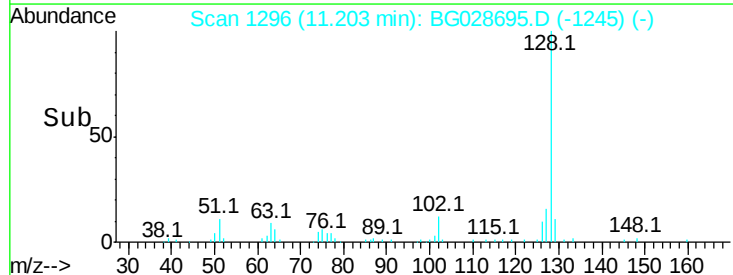
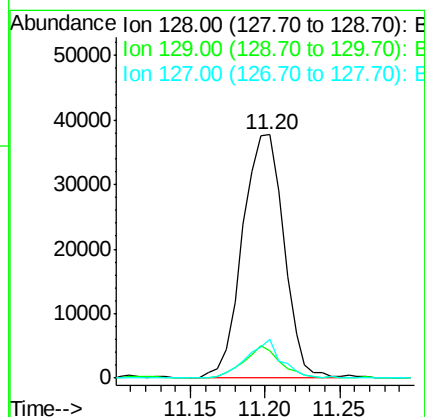
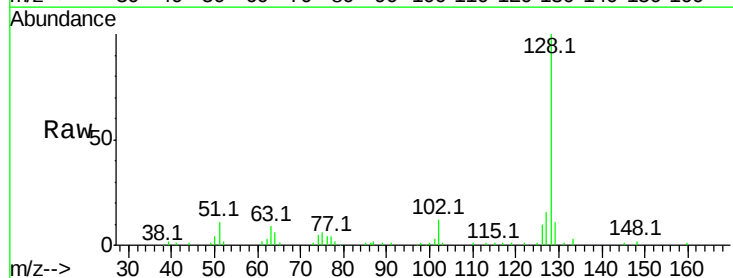
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-05-090717

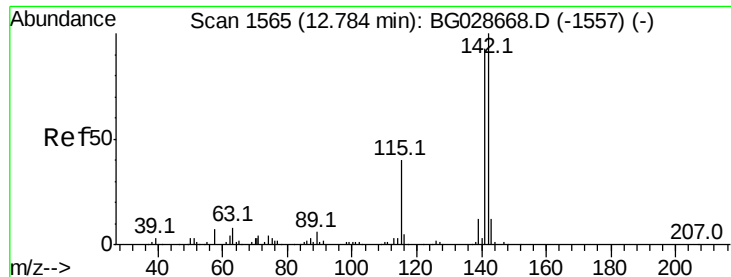
Tot Ion	82	Resp	200159
Ion	Ratio	Lower	Upper
82	100		
128	35.4	26.4	39.6
54	55.9	49.4	74.2



#31
 Naphthalene
 Concen: 14.642 ng
 RT: 11.20 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BG028695.D
 Acq: 13 Sep 2017 12:51

Tgt Ion	128	Resp	72469
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	15.7	11.4	17.0

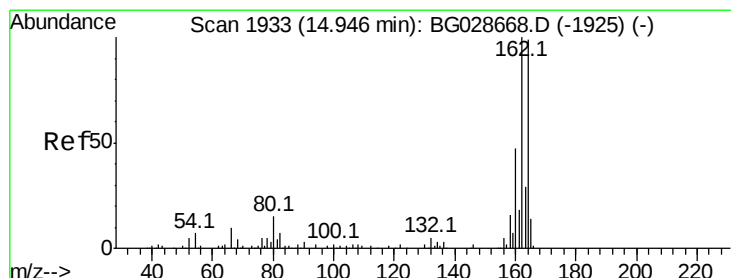
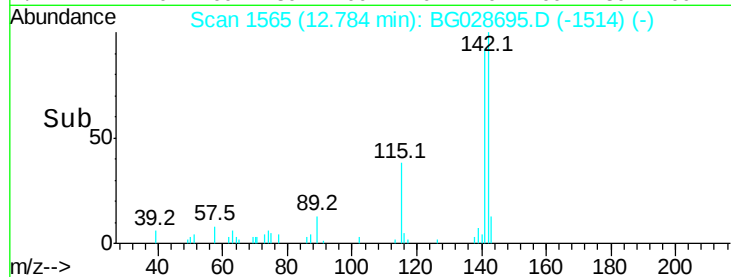
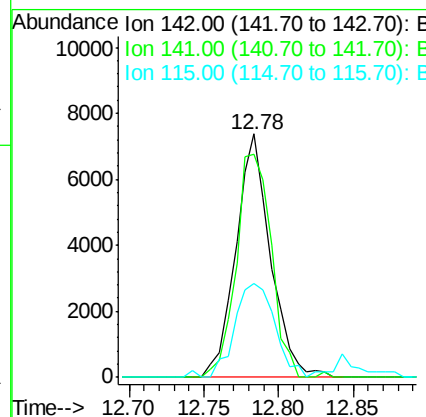
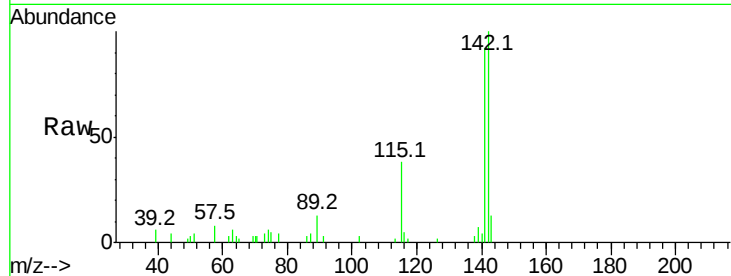




#37
 2-Methylnaphthalene
 Concen: 3.231 ng
 RT: 12.78 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BG028695.D
 Acq: 13 Sep 2017 12:51

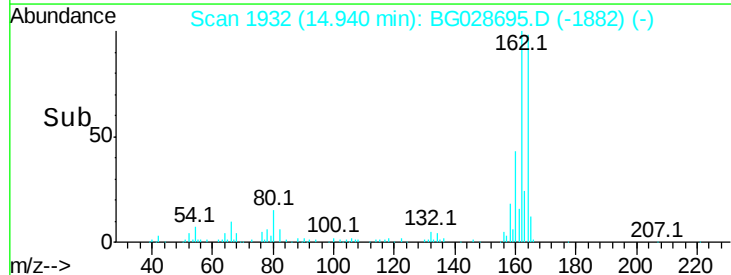
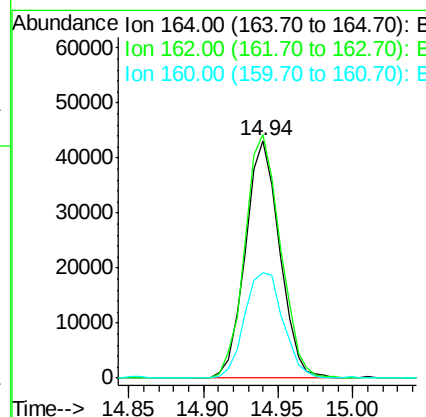
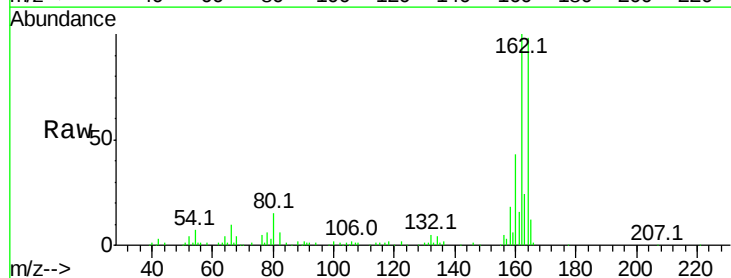
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-05-090717

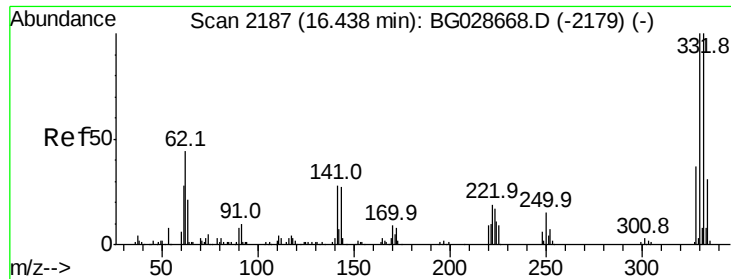
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.4	105.6
115	38.3	35.5	53.3



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028695.D
 Acq: 13 Sep 2017 12:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	85.1	127.7
160	44.4	34.7	52.1

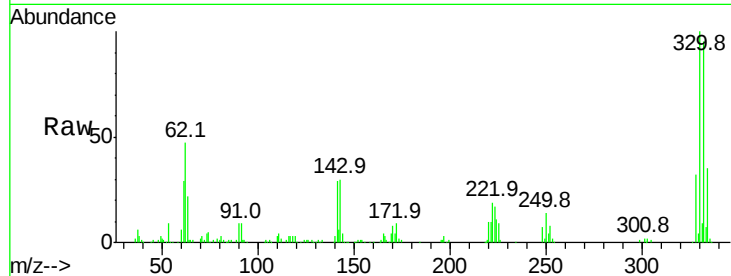




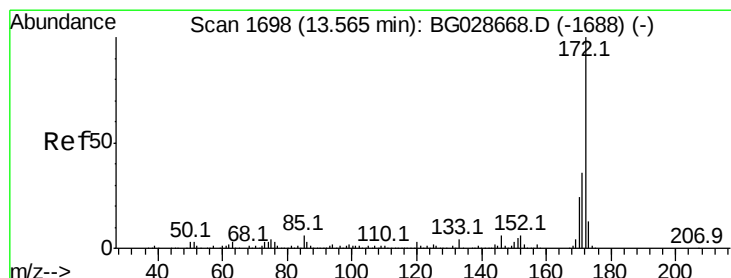
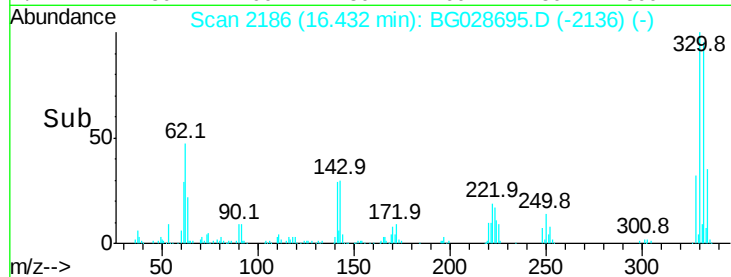
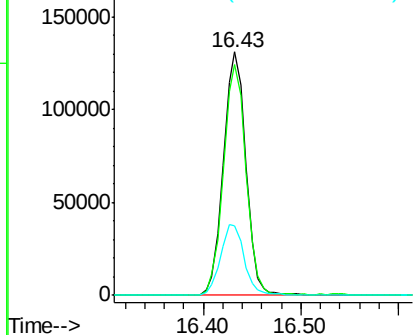
#41
 2,4,6-Tribromophenol
 Concen: 186.197 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028695.D
 Acq: 13 Sep 2017 12:51

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-05-090717

Tot Ion:330 Resp: 210477
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.3 115.9
 141 30.6 32.1 48.1#

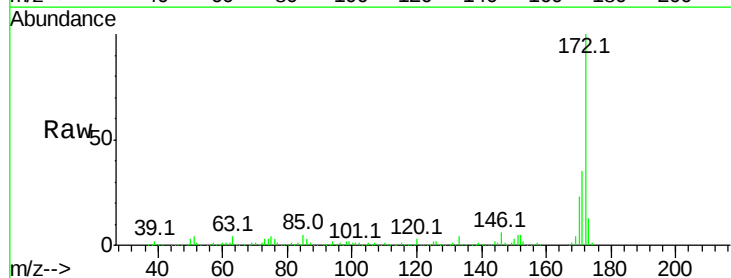


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

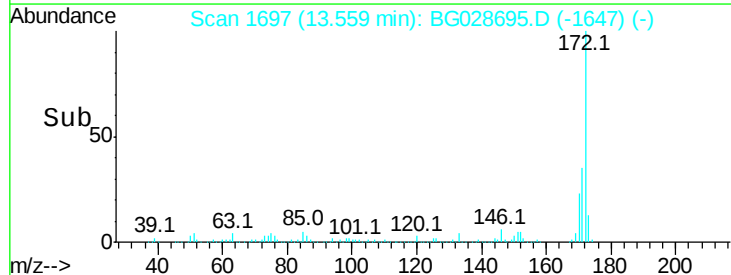
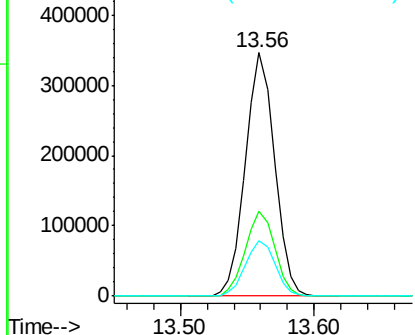


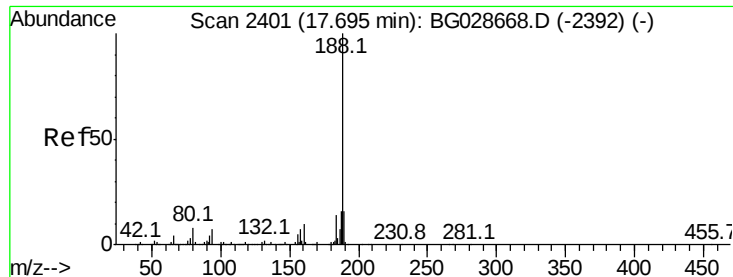
#44
 2-Fluorobiphenyl
 Concen: 102.164 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028695.D
 Acq: 13 Sep 2017 12:51

Tgt Ion:172 Resp: 523653
 Ion Ratio Lower Upper
 172 100
 171 34.7 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: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028695.D

Acq: 13 Sep 2017 12:51

Instrument :

BNA_G

ClientSampleId :

PR-MW-05-090717

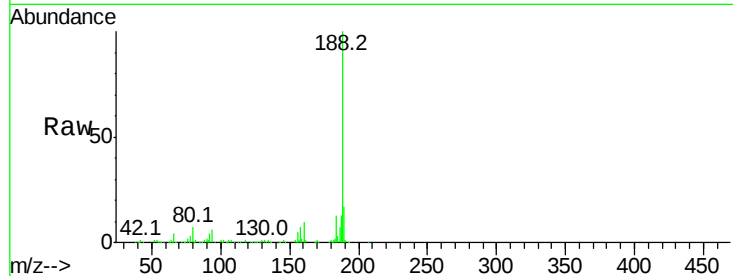
Tot Ion:188 Resp: 208997

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

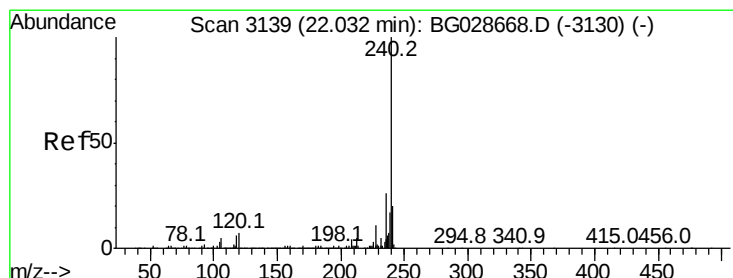
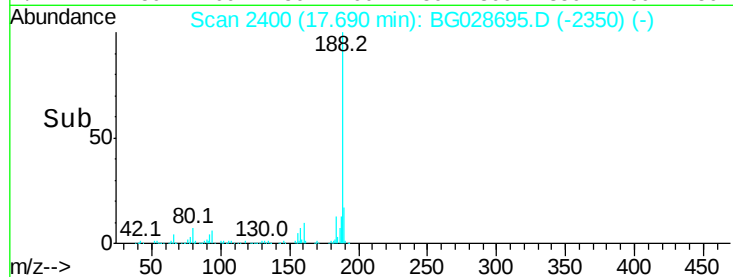
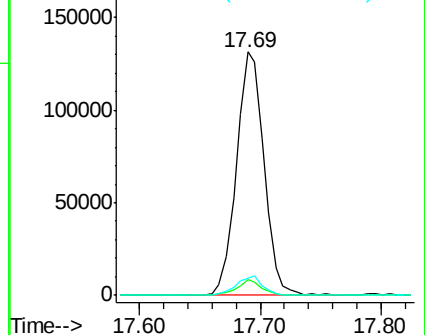
80 6.8 7.5 11.3#



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: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028695.D

Acq: 13 Sep 2017 12:51

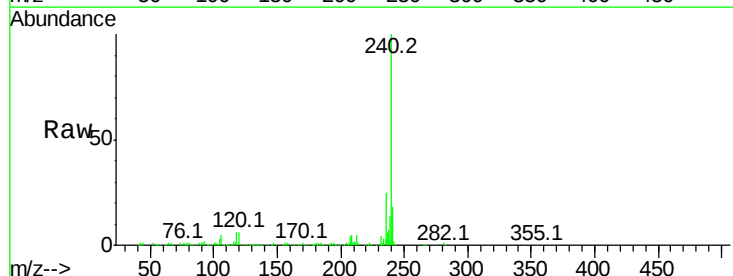
Tgt Ion:240 Resp: 258370

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

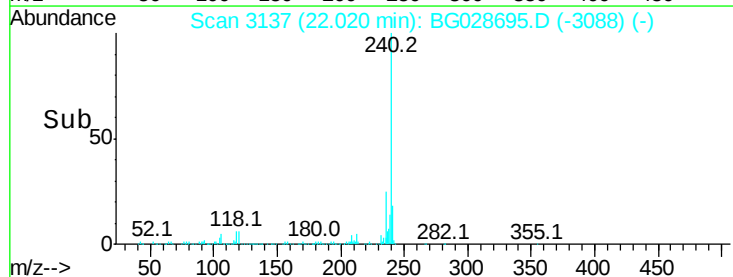
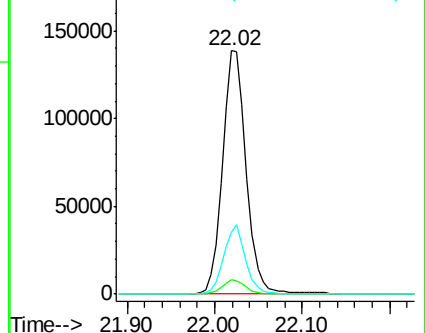
236 25.3 22.2 33.4

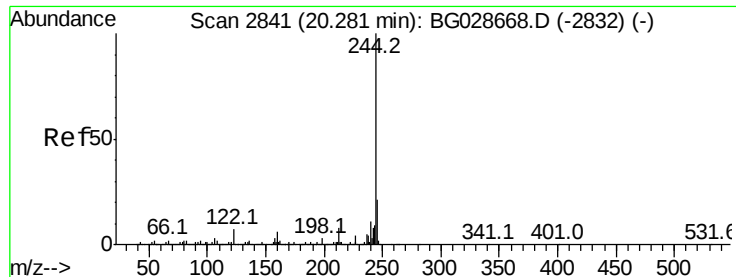


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.032 ng

RT: 20.28 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG028695.D

Acq: 13 Sep 2017 12:51

Instrument :

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ClientSampleId :

PR-MW-05-090717

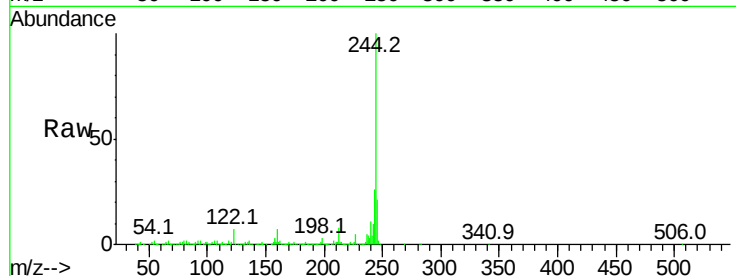
Tot Ion:244 Resp: 1260396

Ion Ratio Lower Upper

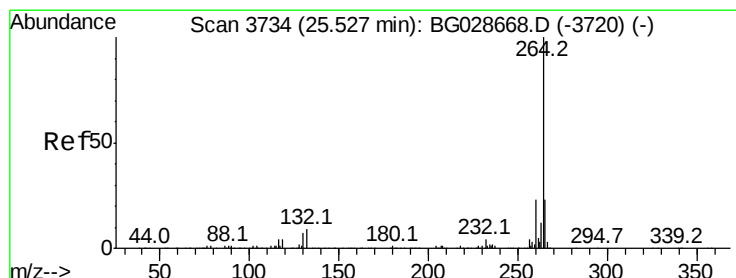
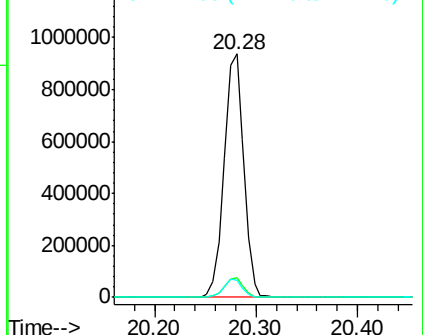
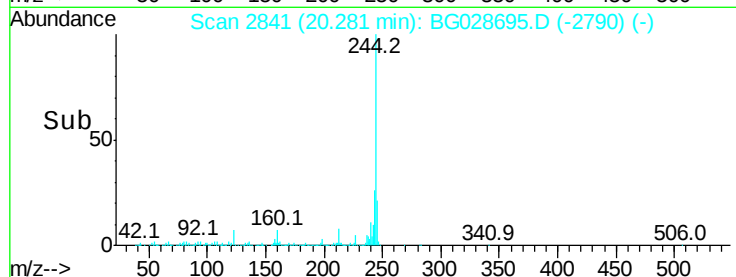
244 100

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: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028695.D

Acq: 13 Sep 2017 12:51

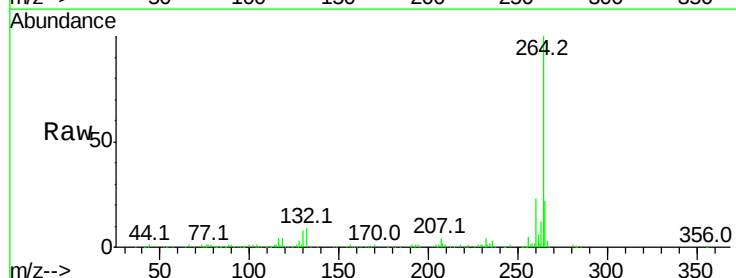
Tgt Ion:264 Resp: 263237

Ion Ratio Lower Upper

264 100

260 22.8 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

