

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028694.D
 Acq On : 13 Sep 2017 12:12
 Operator : SJ/JU
 Sample : I5171-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 12:54:59 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

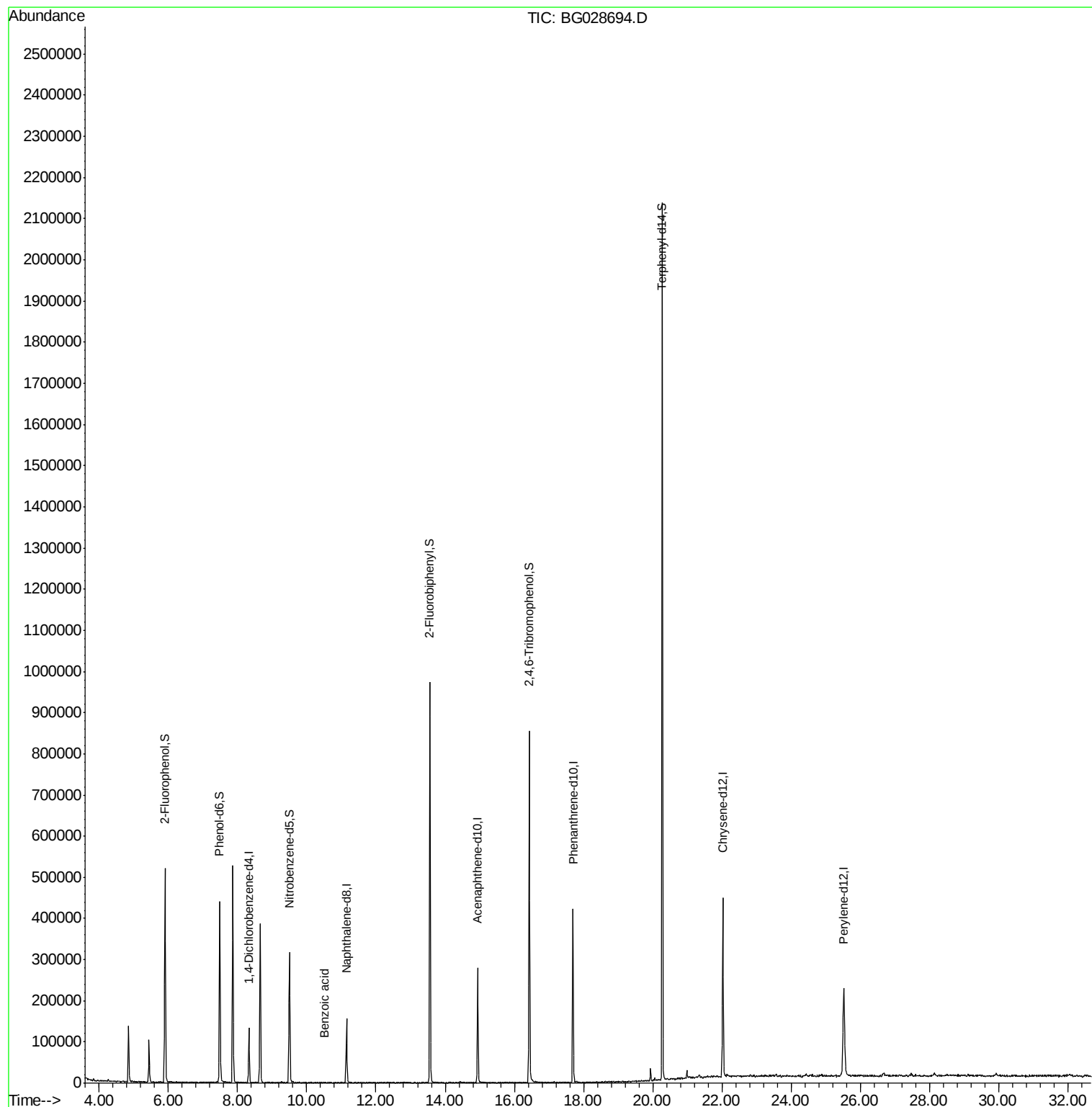
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	37337	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	144737	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	102619	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	286290	20.00	ng	0.00
75) Chrysene-d12	22.02	240	308450	20.00	ng	0.00
86) Perylene-d12	25.52	264	277454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	225873	99.82	ng	0.00
7) Phenol-d6	7.48	99	271452	79.68	ng	0.00
23) Nitrobenzene-d5	9.50	82	206554	68.27	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	193269	113.87	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	529759	68.84	ng	0.00
78) Terphenyl-d14	20.27	244	983600	68.00	ng	0.00
Target Compounds						
32) Benzoic acid	10.50	122	57	6.113	ng	Qvalue # 1

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

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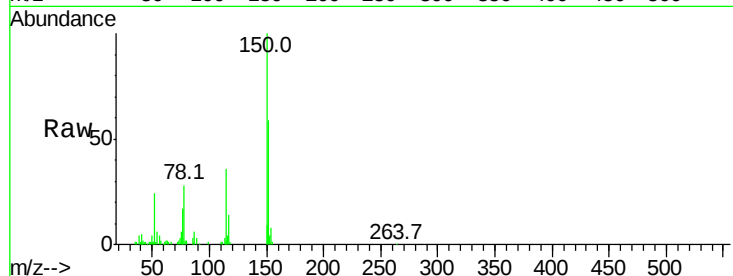


#1

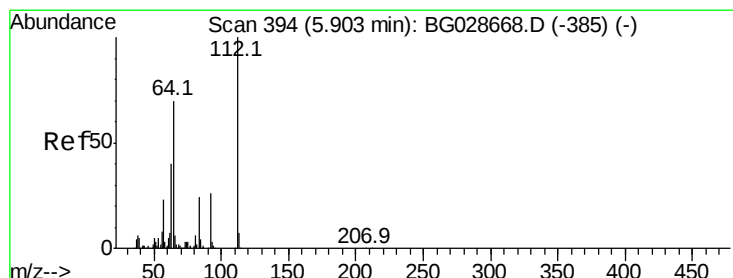
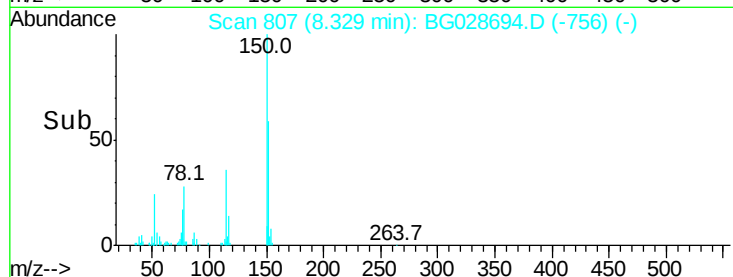
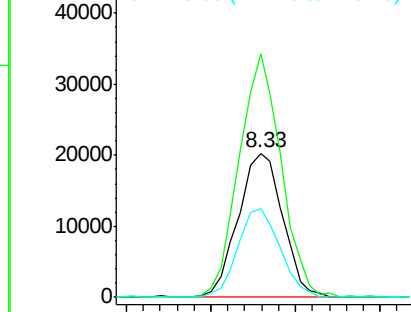
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028694.D
Acq: 13 Sep 2017 12:12

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.4	114.0	171.0
115	61.5	48.1	72.1



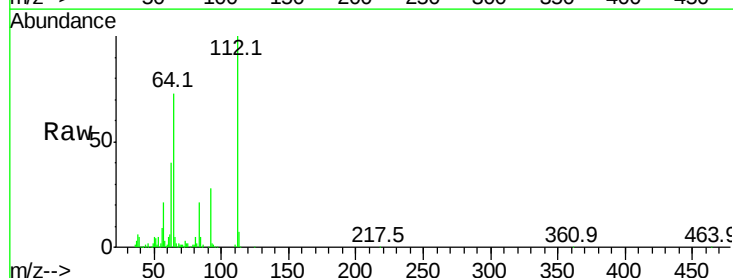
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



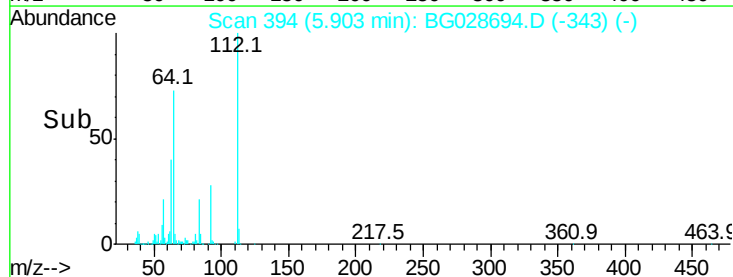
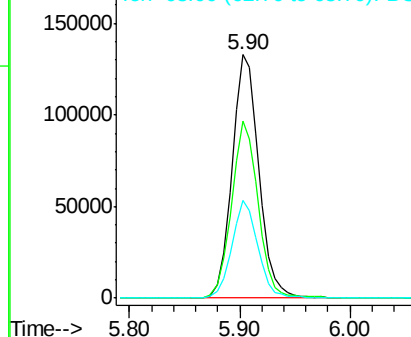
#5

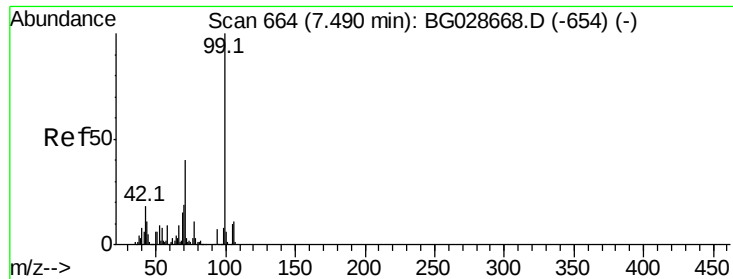
2-Fluorophenol
Concen: 99.821 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028694.D
Acq: 13 Sep 2017 12:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.5	61.8	92.6
63	40.3	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 79.677 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028694.D

Acq: 13 Sep 2017 12:12

Instrument :

BNA_G

ClientSampleId :

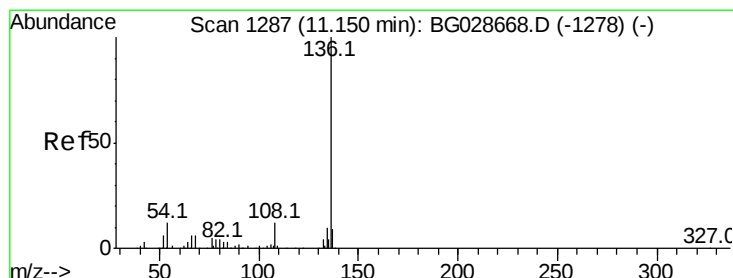
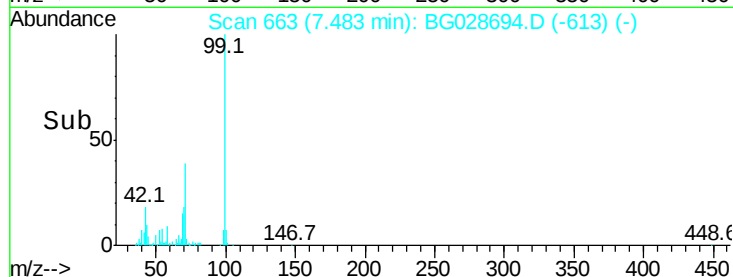
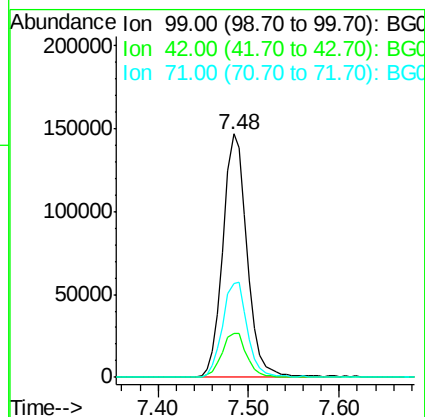
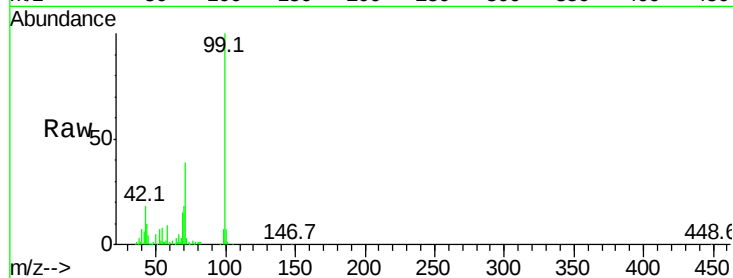
Tot Ion: 99 Resp: 271452

Ion Ratio Lower Upper

99 100

42 18.2 20.5 30.7#

71 38.8 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: BG028694.D

Acq: 13 Sep 2017 12:12

Tgt Ion: 136 Resp: 144737

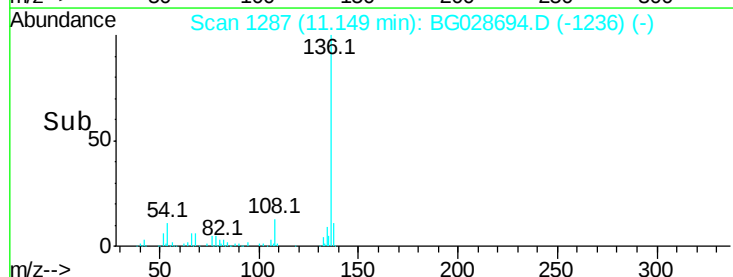
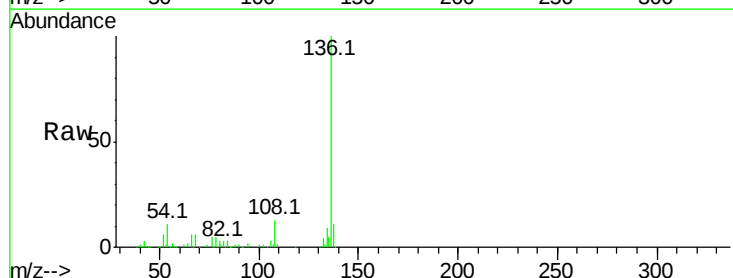
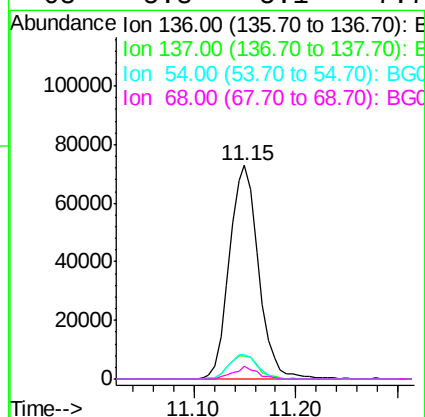
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 11.2 9.3 13.9

68 5.8 5.1 7.7

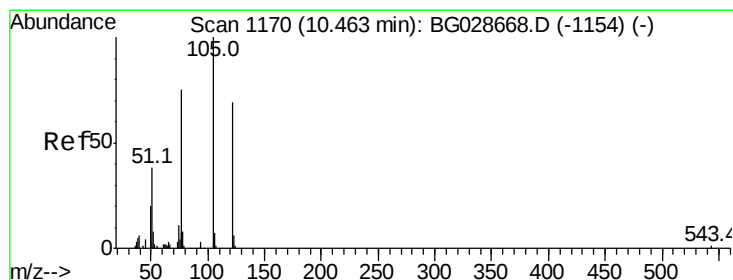
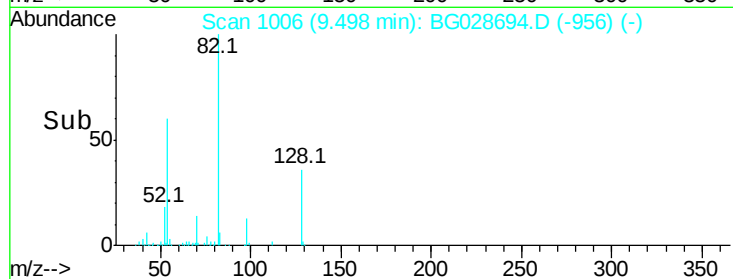
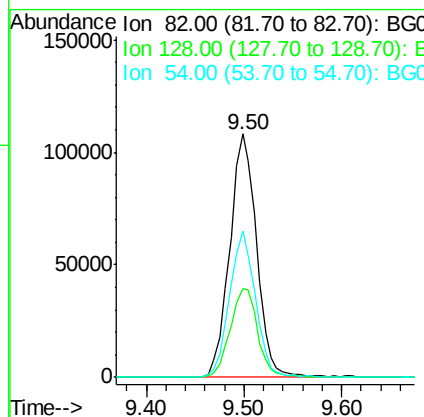
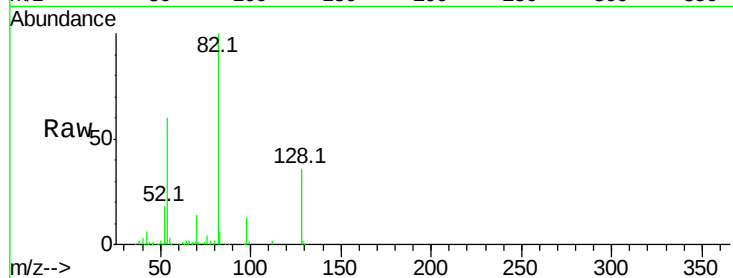




#23
 Nitrobenzene-d5
 Concen: 68.269 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028694.D
 Acq: 13 Sep 2017 12:12

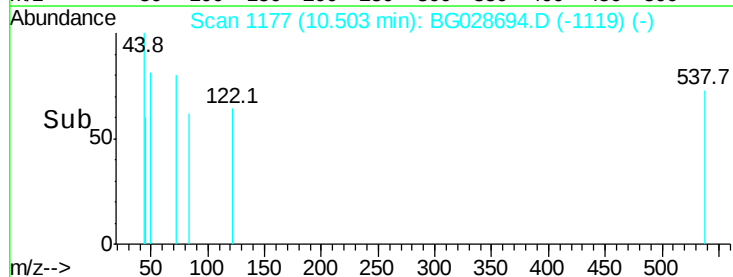
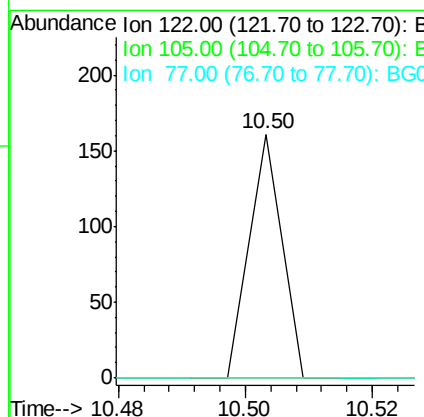
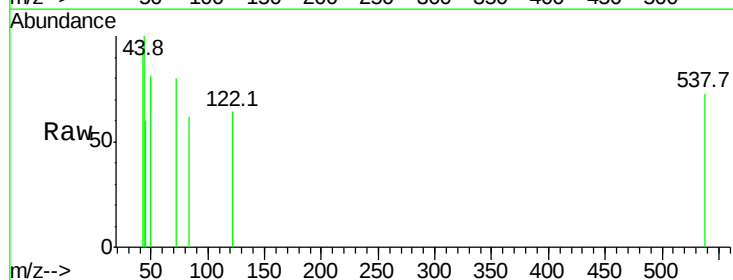
Instrument :
 BNA_G
 ClientSampleId :

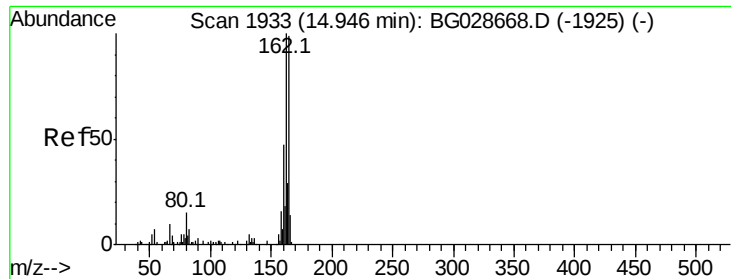
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.5	26.4	39.6
54	60.3	49.4	74.2



#32
 Benzoic acid
 Concen: 6.113 ng
 RT: 10.50 min Scan# 1177
 Delta R.T. 0.04 min
 Lab File: BG028694.D
 Acq: 13 Sep 2017 12:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028694.D

Acq: 13 Sep 2017 12:12

Instrument :

BNA_G

ClientSampleId :

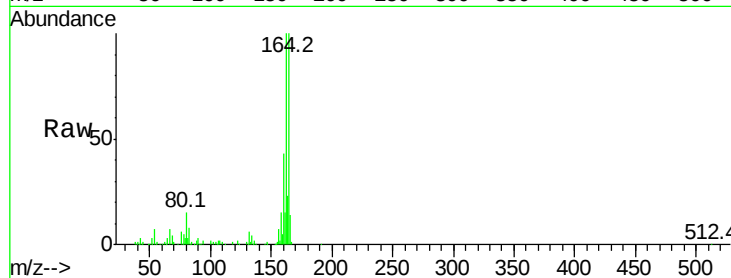
Tot Ion:164 Resp: 102619

Ion Ratio Lower Upper

164 100

162 100.3 85.1 127.7

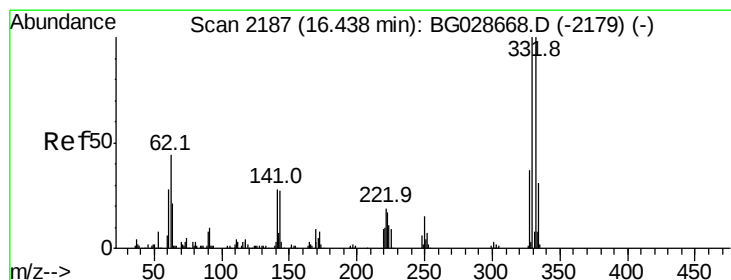
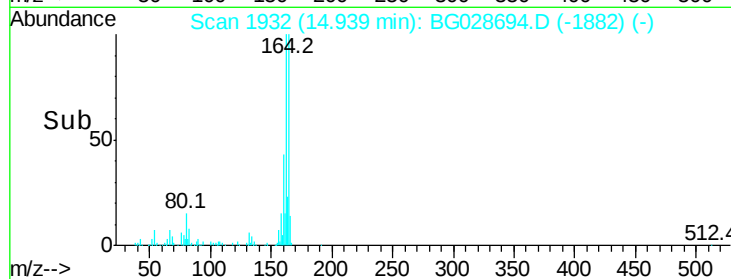
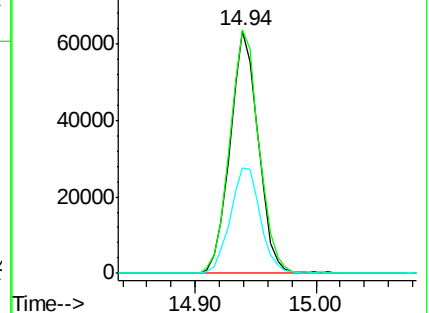
160 43.6 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 113.871 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028694.D

Acq: 13 Sep 2017 12:12

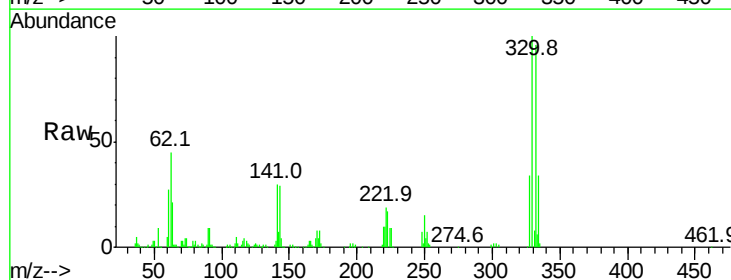
Tgt Ion:330 Resp: 193269

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

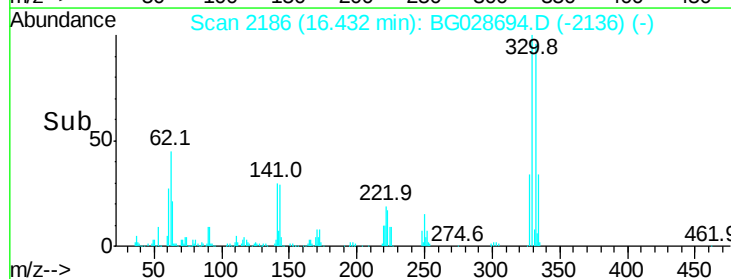
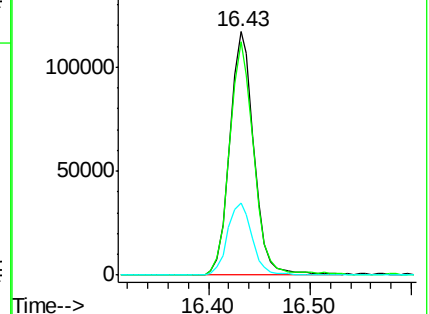
141 30.5 32.1 48.1#

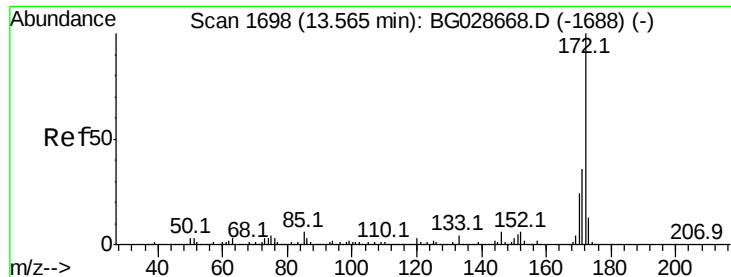


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

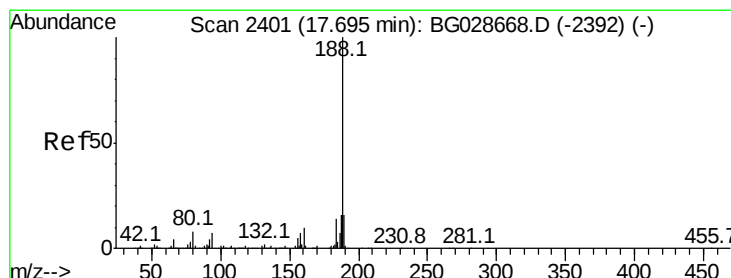
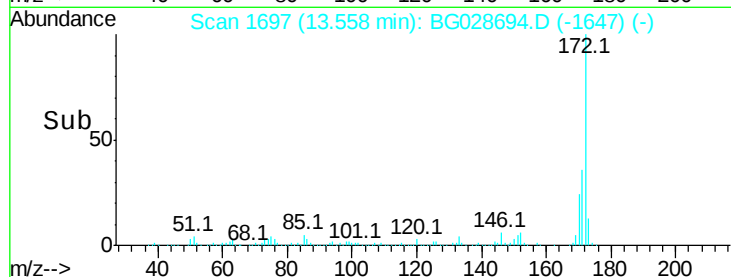
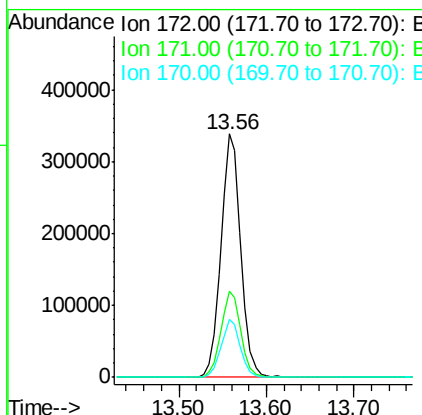
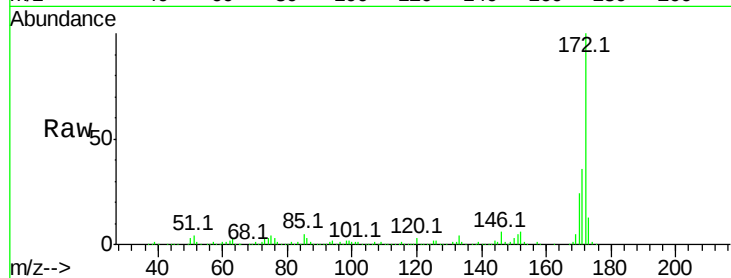




#44
2-Fluorobiphenyl
Concen: 68.836 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028694.D
Acq: 13 Sep 2017 12:12

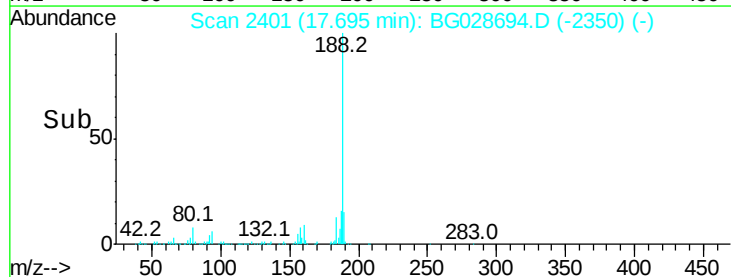
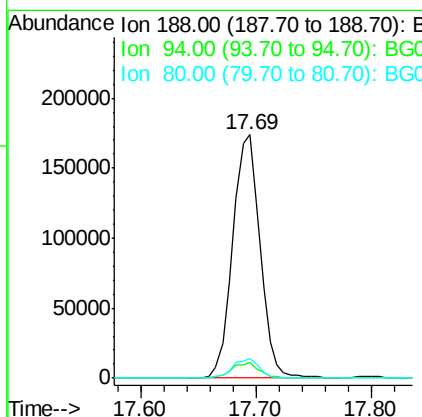
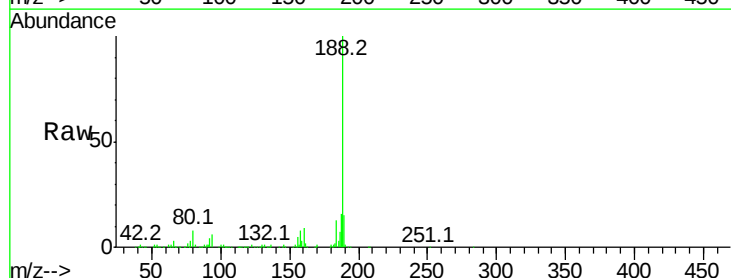
Instrument :
BNA_G
ClientSampleId :

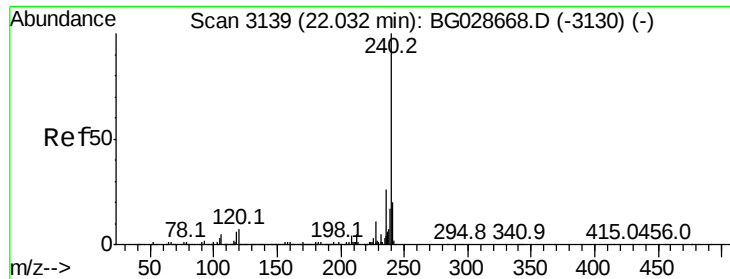
Tot Ion:172 Resp: 529759
Ion Ratio Lower Upper
172 100
171 35.5 32.2 48.2
170 23.6 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG028694.D
Acq: 13 Sep 2017 12:12

Tgt Ion:188 Resp: 286290
Ion Ratio Lower Upper
188 100
94 6.3 5.8 8.8
80 8.0 7.5 11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028694.D

Acq: 13 Sep 2017 12:12

Instrument :

BNA_G

ClientSampleId :

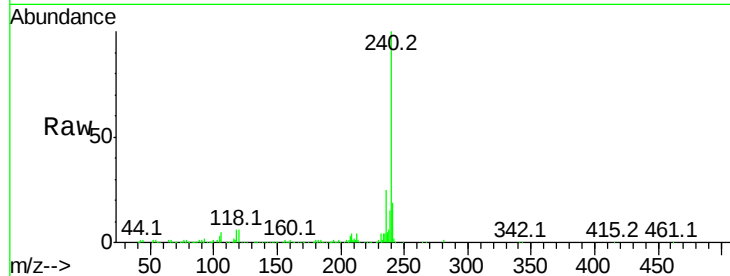
Tot Ion:240 Resp: 308450

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

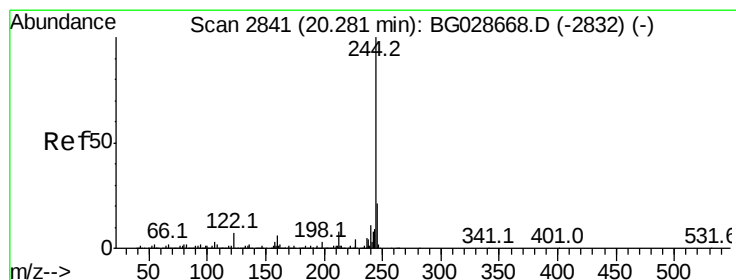
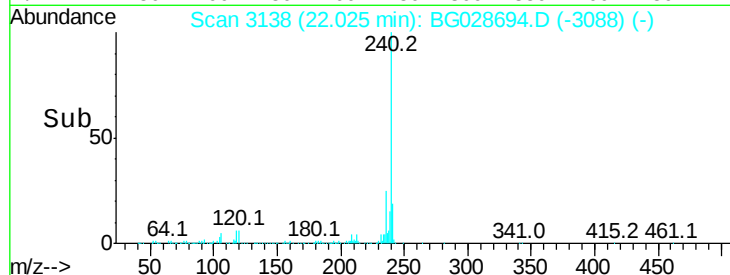
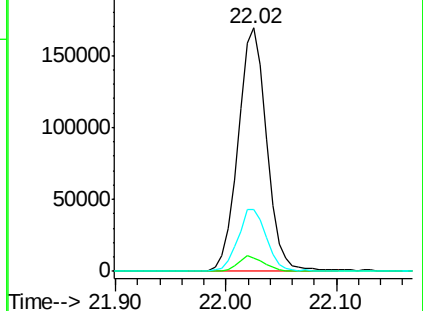
236 25.3 22.2 33.4



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: 68.004 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028694.D

Acq: 13 Sep 2017 12:12

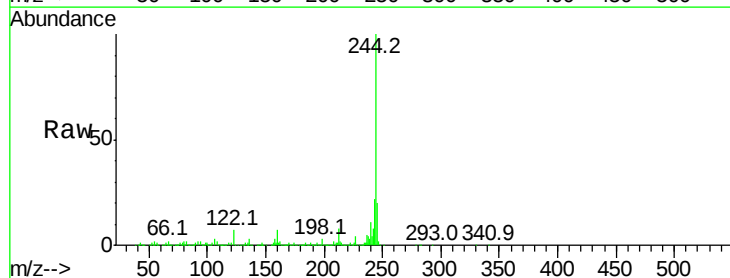
Tgt Ion:244 Resp: 983600

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

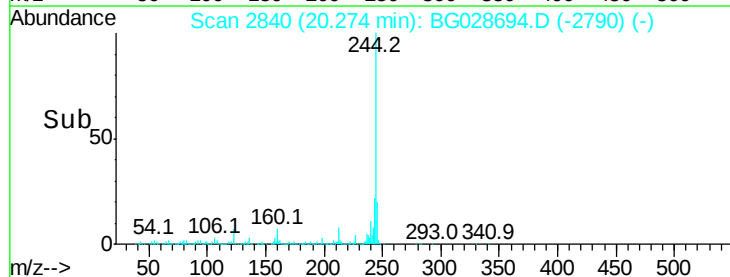
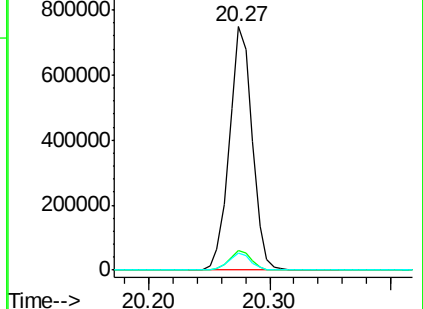
122 7.1 8.6 12.8#

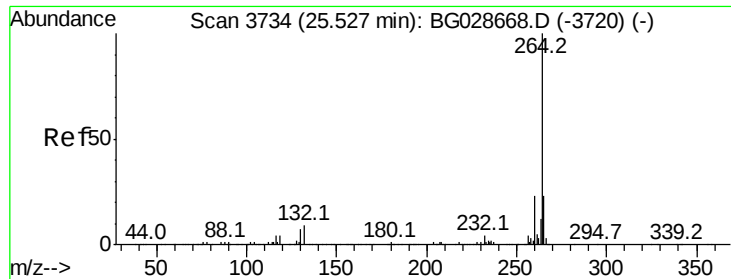


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

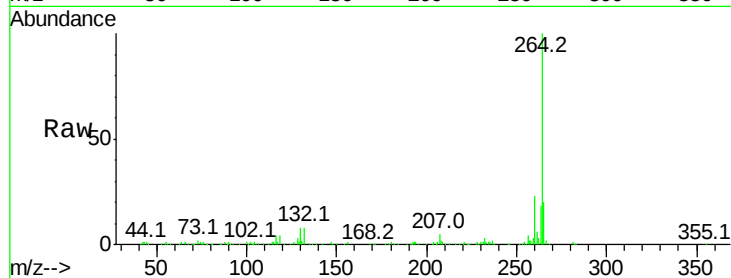




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.52 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BG028694.D
Acq: 13 Sep 2017 12:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	19.9	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

