

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033150.D
 Acq On : 14 Mar 2018 17:08
 Operator : SJ/JU
 Sample : J1890-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM

Quant Time: Mar 14 17:52:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

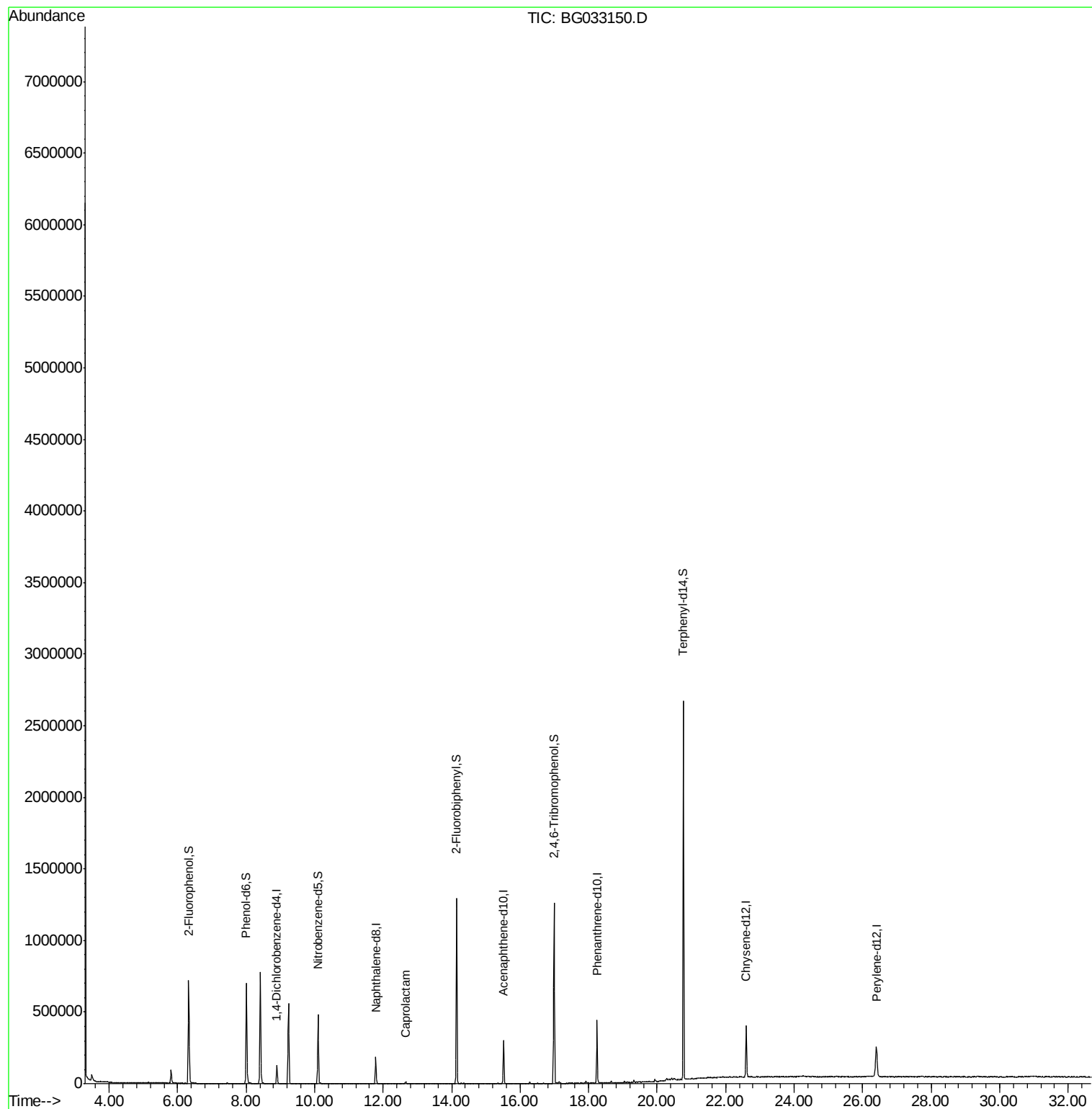
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	38787	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	167804	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	100849	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	257261	20.00	ng	0.00
75) Chrysene-d12	22.60	240	237232	20.00	ng	0.00
86) Perylene-d12	26.40	264	251778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	341326	140.79	ng	0.00
7) Phenol-d6	8.01	99	428209	126.72	ng	0.00
23) Nitrobenzene-d5	10.10	82	303932	120.95	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	238668	225.08	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	676084	96.69	ng	0.00
78) Terphenyl-d14	20.77	244	1179185	111.68	ng	0.00
Target Compounds						
35) Caprolactam	12.65	113	2173	2.337	ng	Qvalue # 84

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

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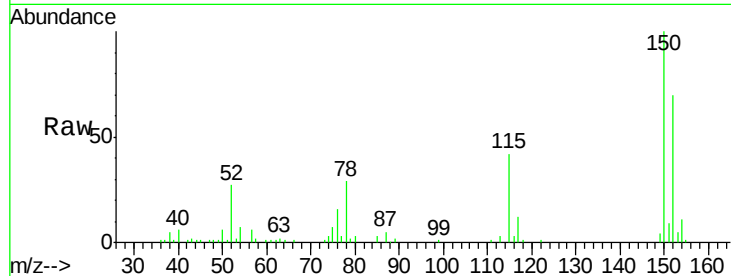


#1

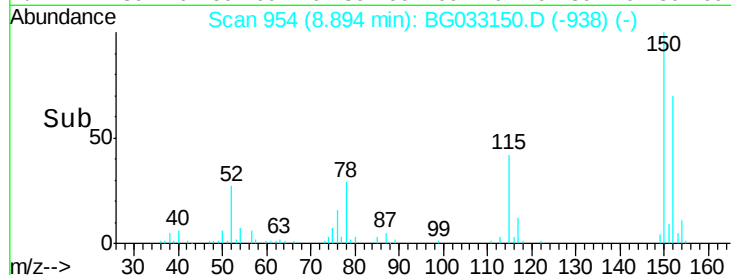
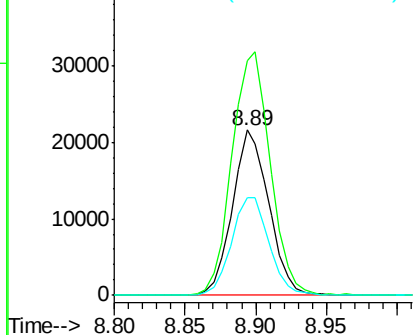
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033150.D
Acq: 14 Mar 2018 17:08

Instrument :
BNA_G
ClientSampled :
DRUM

Tot Ion:152 Resp: 38787
Ion Ratio Lower Upper
152 100
150 142.4 126.6 189.8
115 59.1 53.0 79.4



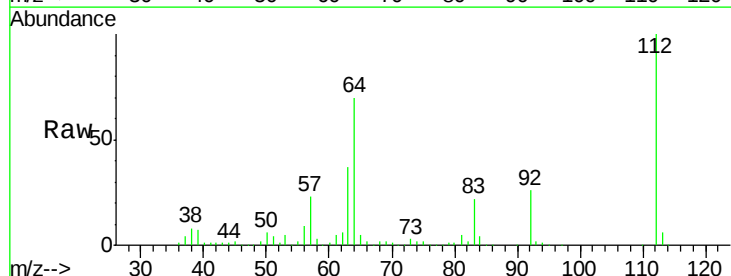
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



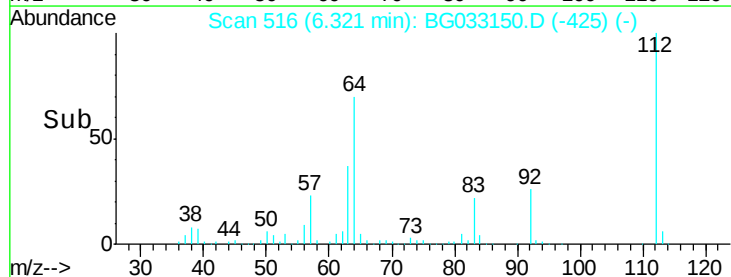
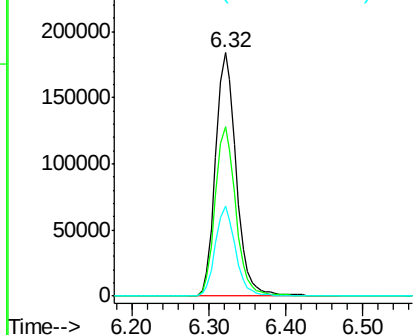
#5

2-Fluorophenol
Concen: 140.787 ng
RT: 6.32 min Scan# 516
Delta R.T. 0.00 min
Lab File: BG033150.D
Acq: 14 Mar 2018 17:08

Tgt Ion:112 Resp: 341326
Ion Ratio Lower Upper
112 100
64 69.6 56.3 84.5
63 36.8 30.1 45.1



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





#7

Phenol-d6

Concen: 126.716 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033150.D

Acq: 14 Mar 2018 17:08

Instrument :

BNA_G

ClientSampleId :

DRUM

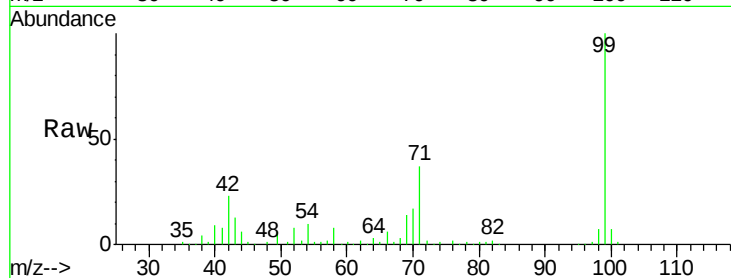
Tot Ion: 99 Resp: 428209

Ion Ratio Lower Upper

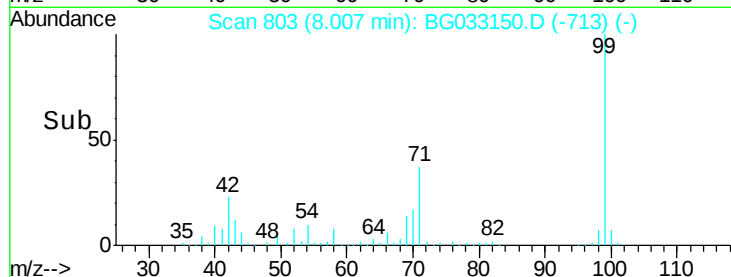
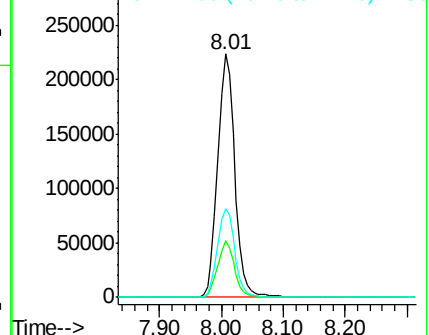
99 100

42 23.3 14.1 21.1#

71 36.7 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033150.D

Acq: 14 Mar 2018 17:08

Tgt Ion: 136 Resp: 167804

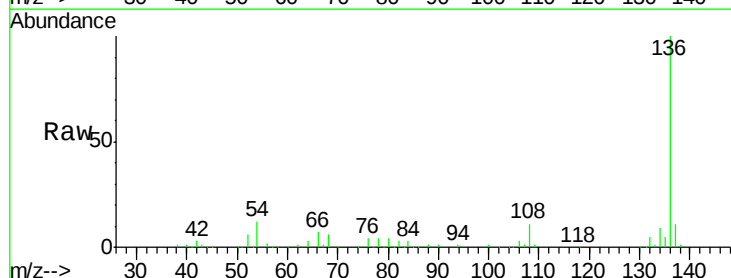
Ion Ratio Lower Upper

136 100

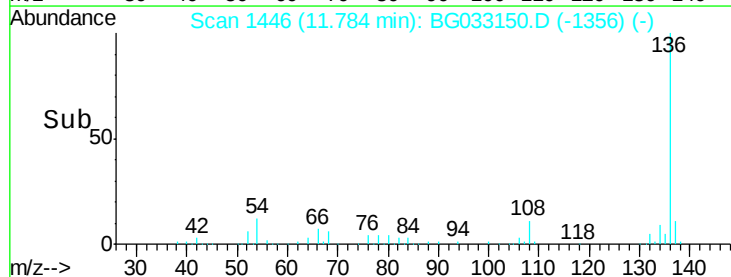
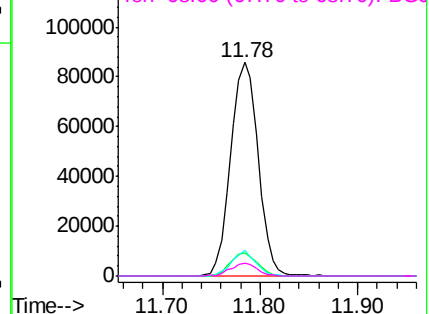
137 10.9 9.2 13.8

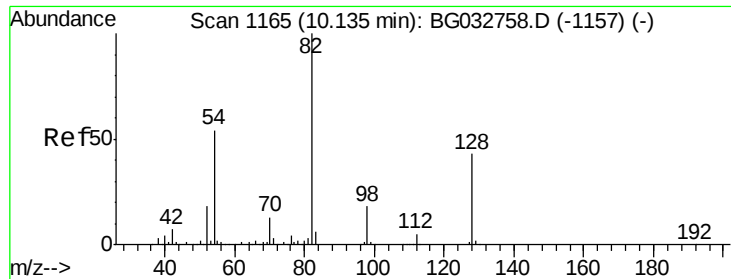
54 11.8 10.3 15.5

68 5.9 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

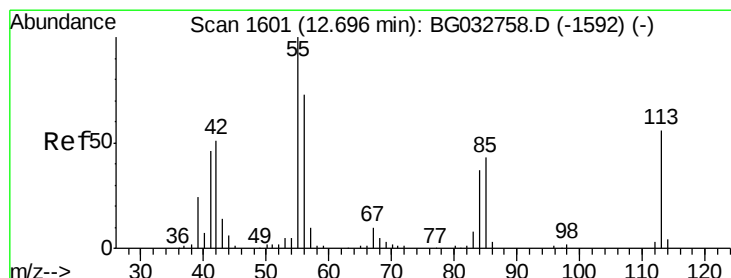
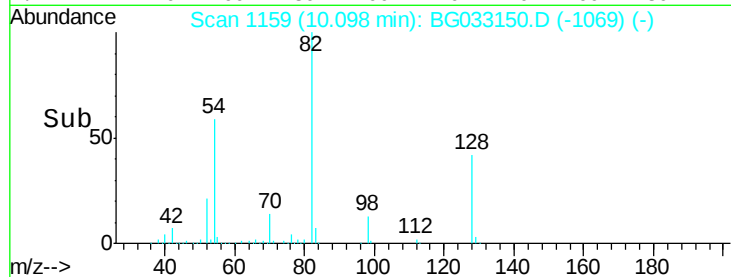
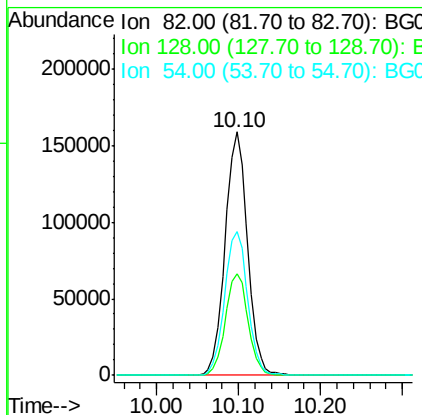
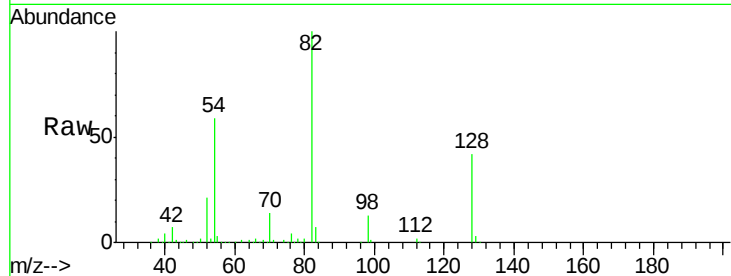




#23
Nitrobenzene-d5
Concen: 120.945 ng
RT: 10.10 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BG033150.D
Acq: 14 Mar 2018 17:08

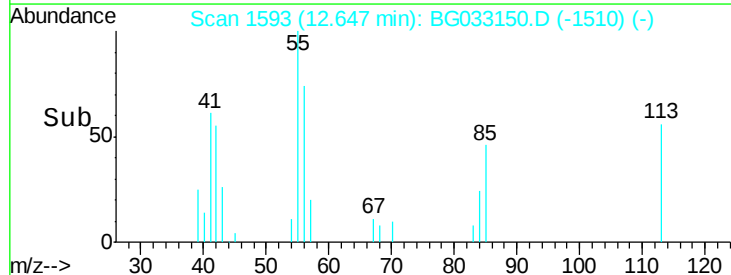
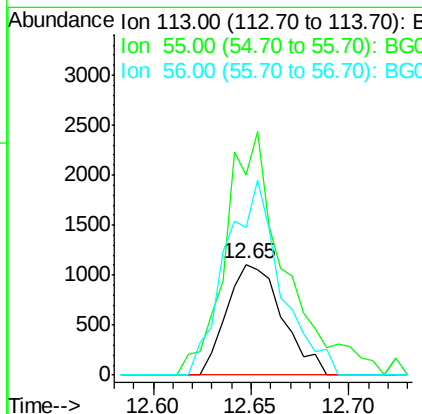
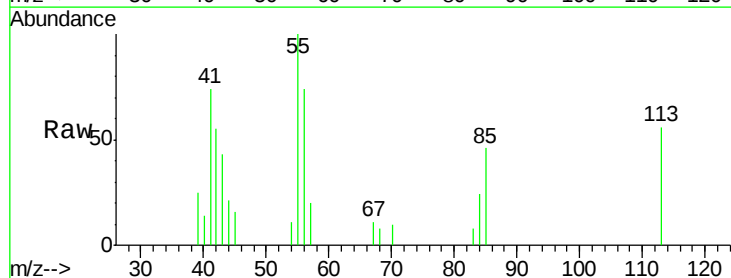
Instrument :
BNA_G
ClientSampleId :
DRUM

Tot Ion	82	Resp	303932
Ion Ratio	Lower	Upper	
82	100		
128	41.8	29.7	44.5
54	59.1	43.1	64.7



#35
Caprolactam
Concen: 2.337 ng
RT: 12.65 min Scan# 1593
Delta R.T. -0.04 min
Lab File: BG033150.D
Acq: 14 Mar 2018 17:08

Tgt Ion	113	Resp	2173
Ion Ratio	Lower	Upper	
113	100		
55	179.9	186.9	226.9#
56	132.8	130.9	170.9

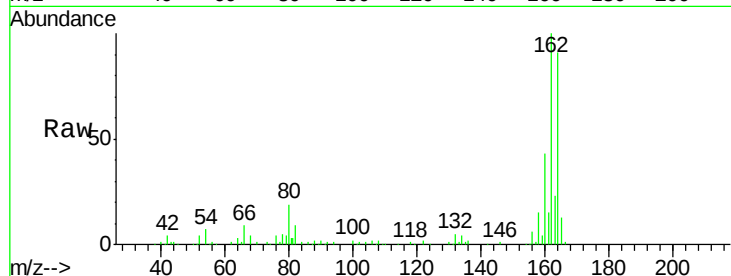




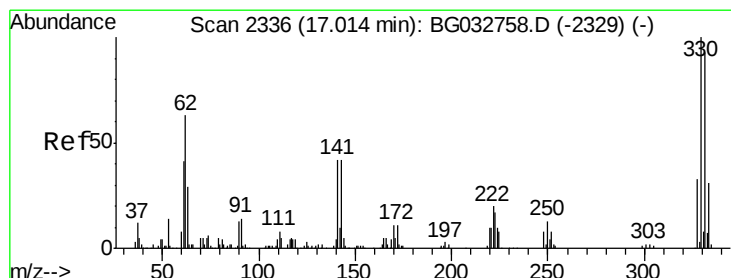
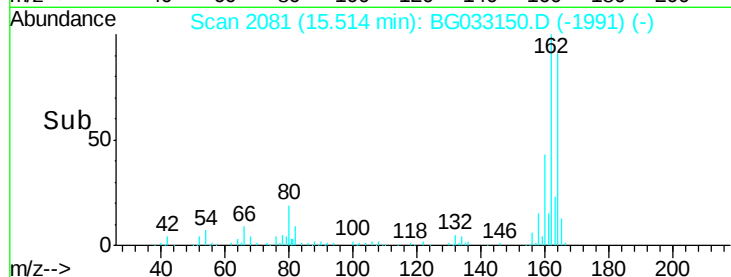
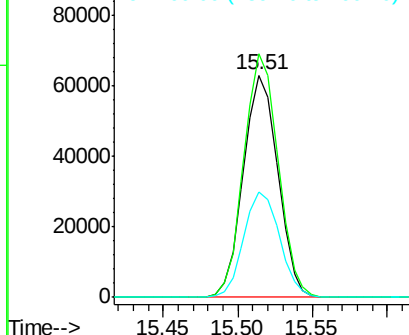
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG033150.D
Acq: 14 Mar 2018 17:08

Instrument :
BNA_G
ClientSampleId :
DRUM

Tot Ion:164 Resp: 100849
Ion Ratio Lower Upper
164 100
162 109.5 78.8 118.2
160 47.4 35.4 53.0

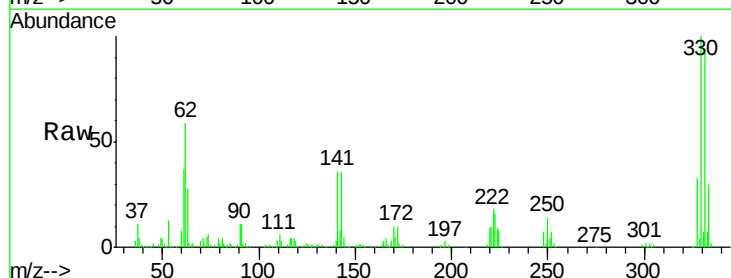


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

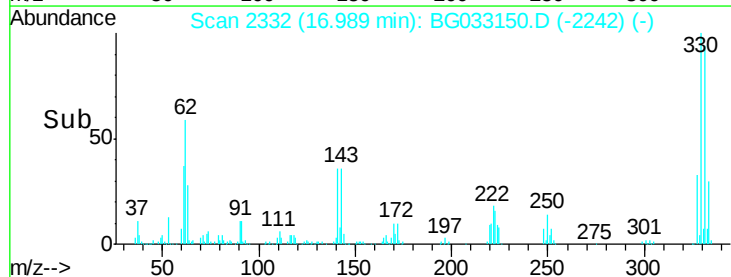
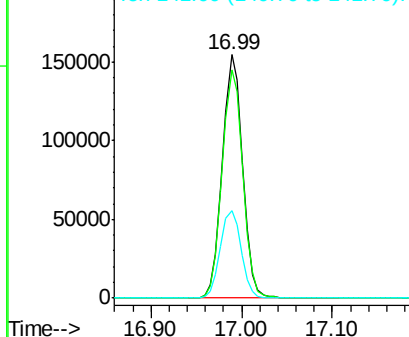


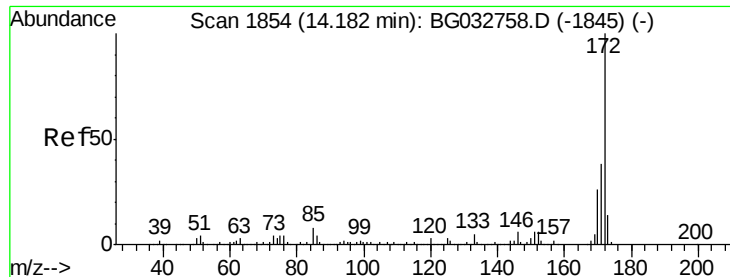
#41
2,4,6-Tribromophenol
Concen: 225.075 ng
RT: 16.99 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG033150.D
Acq: 14 Mar 2018 17:08

Tgt Ion:330 Resp: 238668
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 37.3 25.2 37.8



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

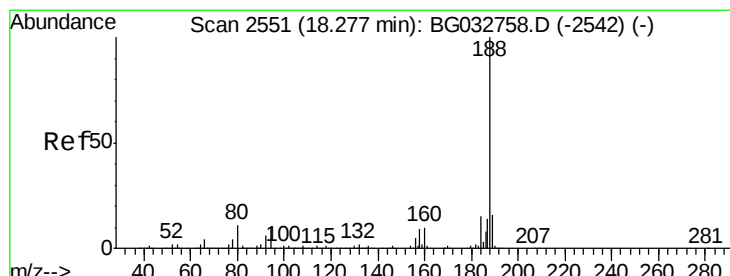
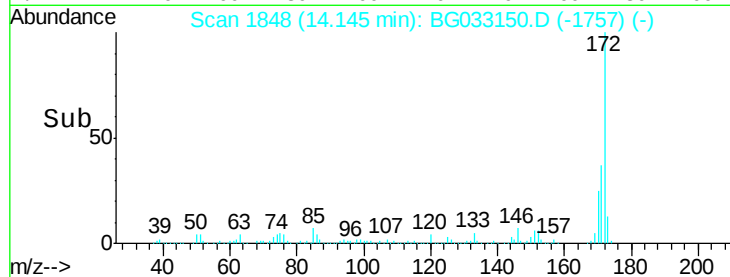
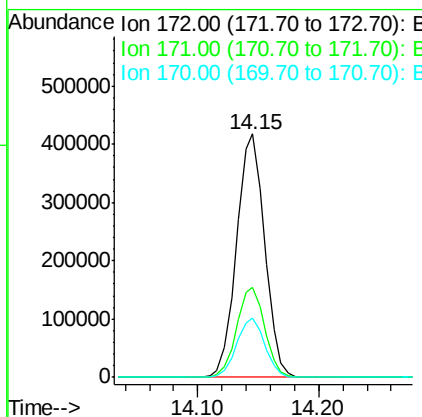
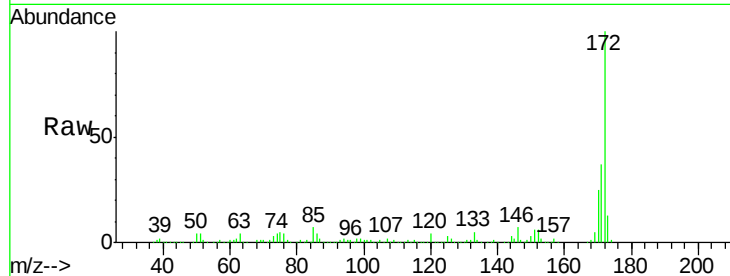




#44
 2-Fluorobiphenyl
 Concen: 96.688 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033150.D
 Acq: 14 Mar 2018 17:08

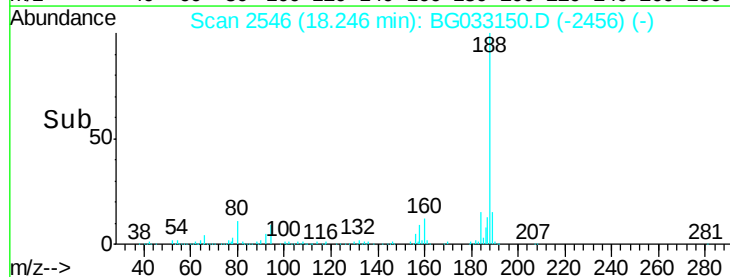
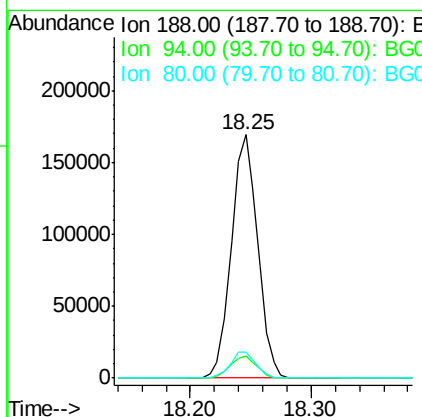
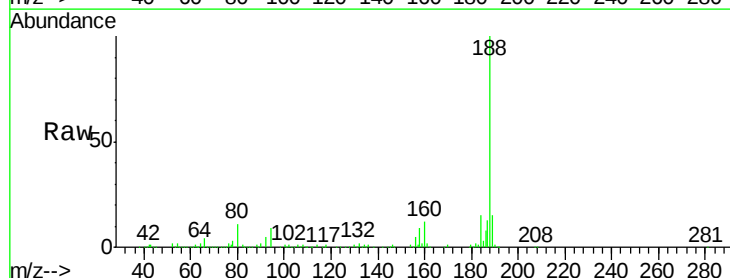
Instrument :
 BNA_G
 ClientSampled :
 DRUM

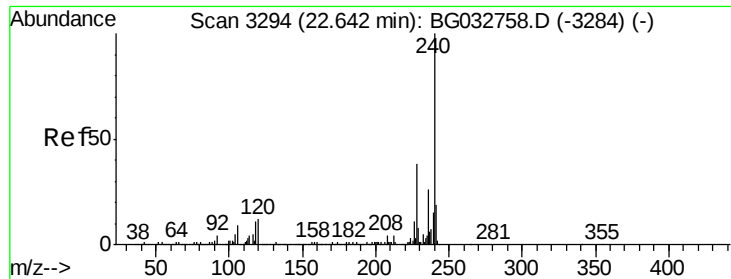
Tot Ion:172 Resp: 676084
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 24.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG033150.D
 Acq: 14 Mar 2018 17:08

Tgt Ion:188 Resp: 257261
 Ion Ratio Lower Upper
 188 100
 94 9.2 6.9 10.3
 80 10.7 7.7 11.5

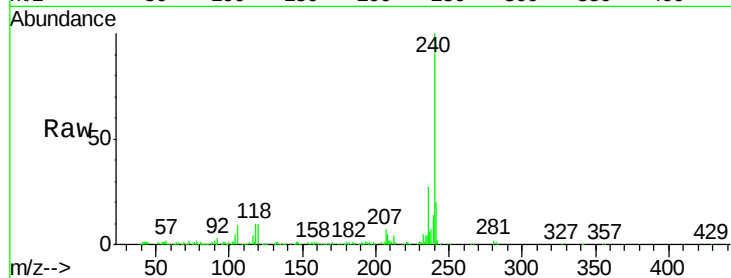




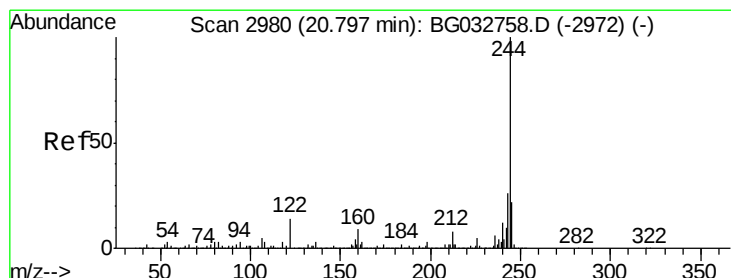
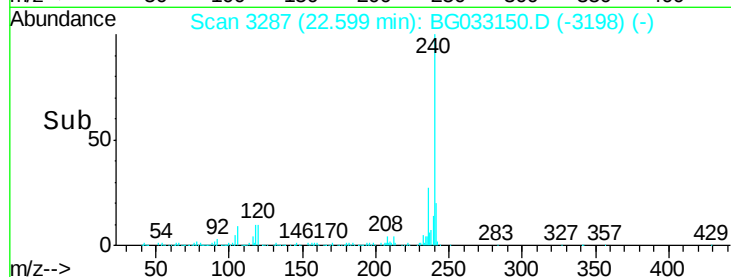
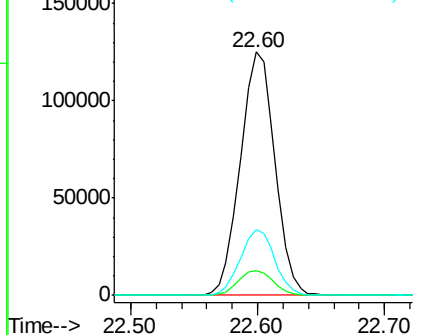
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3287
 Delta R.T. -0.01 min
 Lab File: BG033150.D
 Acq: 14 Mar 2018 17:08

Instrument :
 BNA_G
 ClientSampleId :
 DRUM

Tot Ion:240 Resp: 237232
 Ion Ratio Lower Upper
 240 100
 120 10.0 6.8 10.2
 236 27.0 20.9 31.3

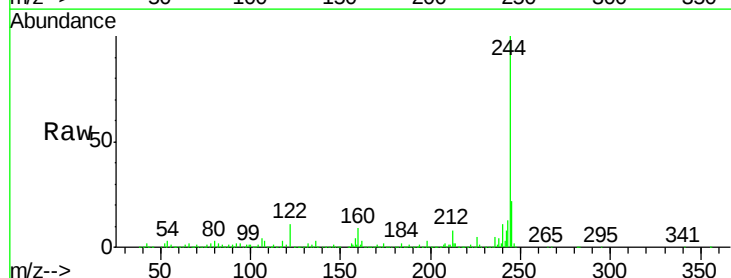


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

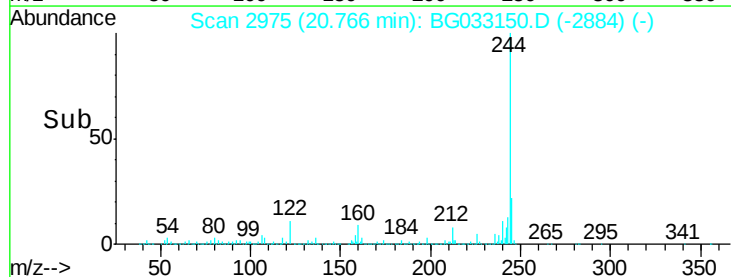
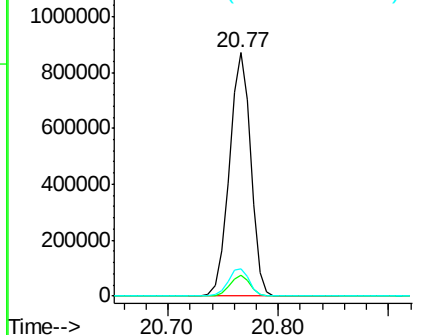


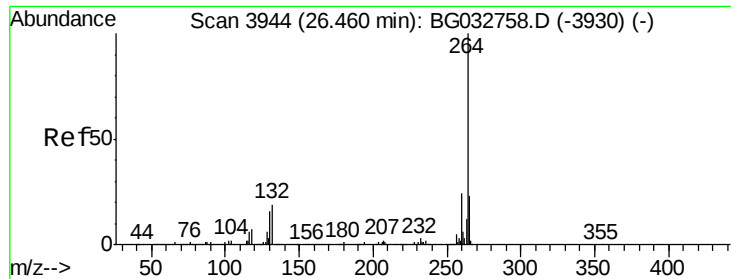
#78
 Terphenyl-d14
 Concen: 111.676 ng
 RT: 20.77 min Scan# 2975
 Delta R.T. 0.00 min
 Lab File: BG033150.D
 Acq: 14 Mar 2018 17:08

Tgt Ion:244 Resp: 1179185
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.8
 122 11.2 7.0 10.4#



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



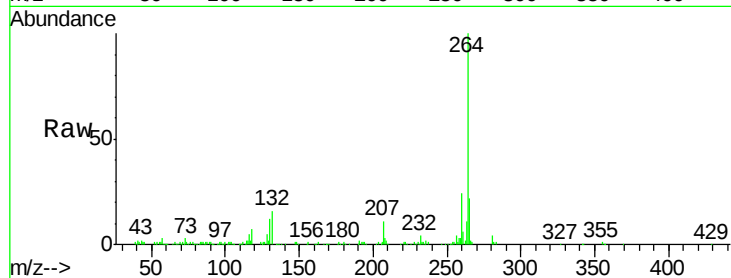


#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3934
Delta R.T. -0.01 min
Lab File: BG033150.D
Acq: 14 Mar 2018 17:08

Instrument :
BNA_G
ClientSampleId :
DRUM

Tot Ion:264 Resp: 251778

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.0	17.7	26.5



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

