

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
 Data File : BG031993.D
 Acq On : 11 Jan 2018 20:47
 Operator : SJ/JU
 Sample : J1070-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Quant Time: Jan 12 05:22:56 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 15:23:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	47969	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	207161	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	155580	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	401304	20.00	ng	0.00
75) Chrysene-d12	22.48	240	466432	20.00	ng	0.00
86) Perylene-d12	26.20	264	467105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	134775	51.17	ng	0.00
7) Phenol-d6	7.88	99	108955	31.86	ng	0.00
23) Nitrobenzene-d5	9.98	82	261173	95.20	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	339615	143.06	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1018068	82.13	ng	0.00
78) Terphenyl-d14	20.68	244	1860882	91.15	ng	0.00

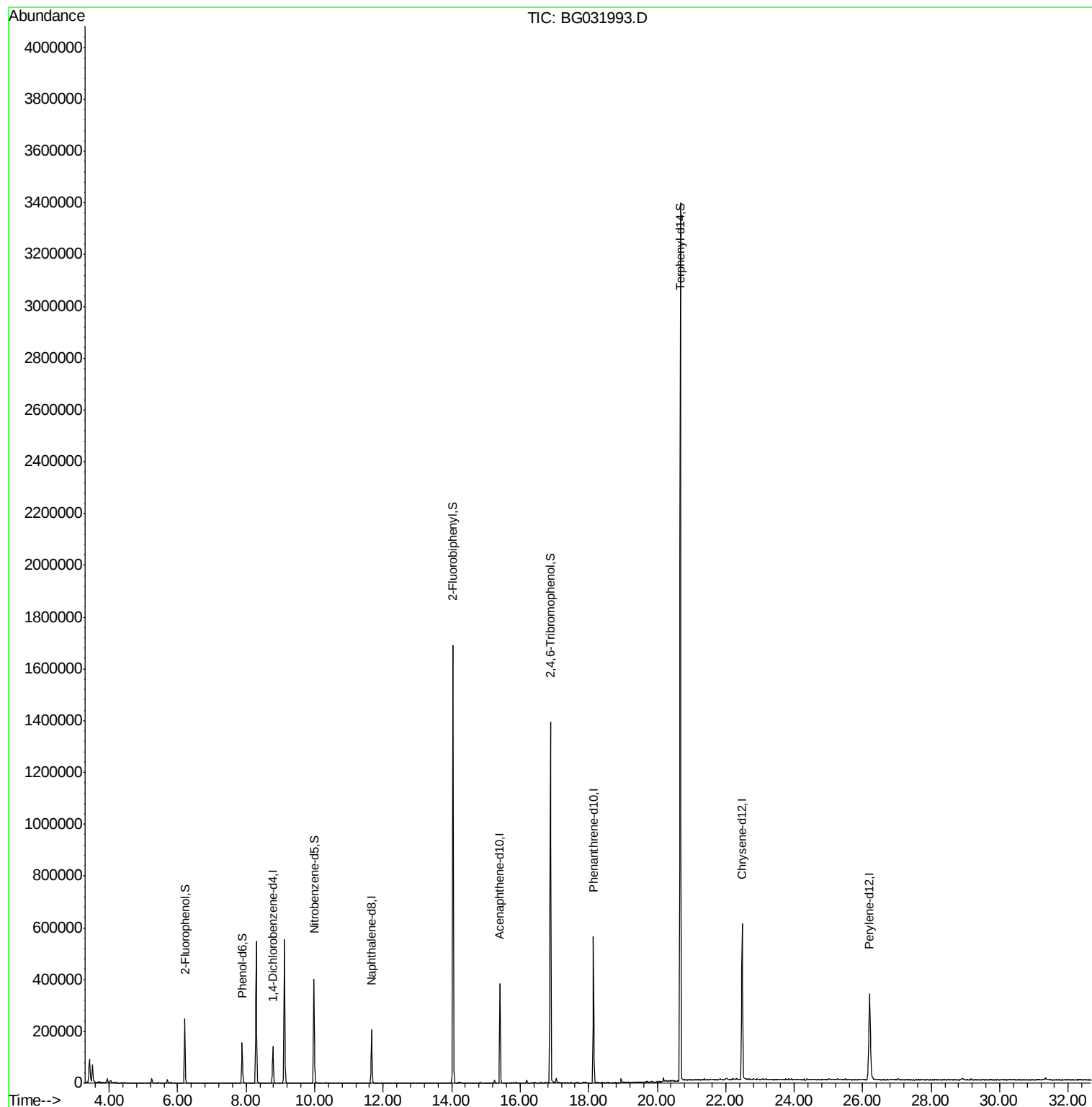
Target Compounds Qvalue

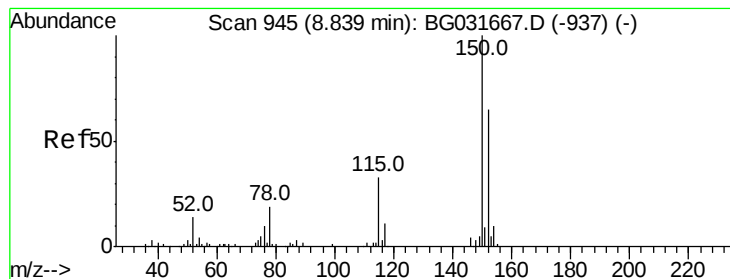
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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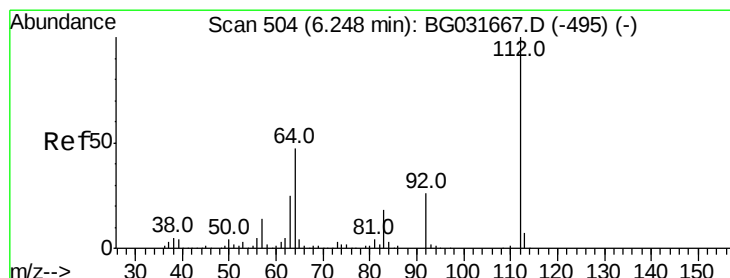
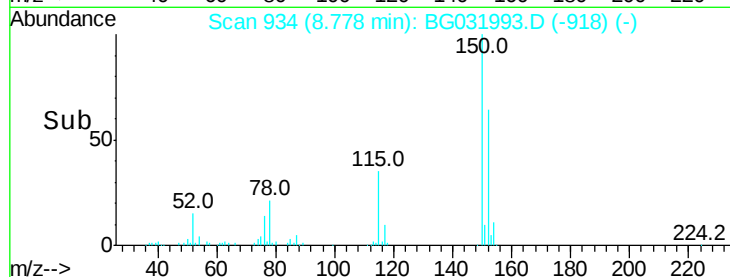
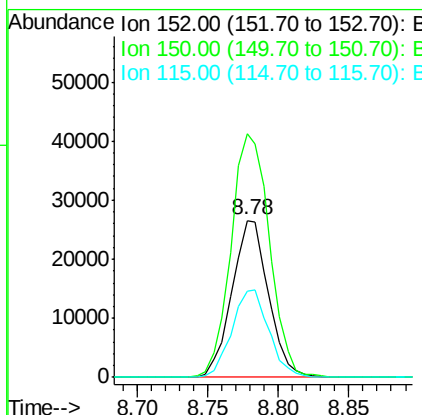
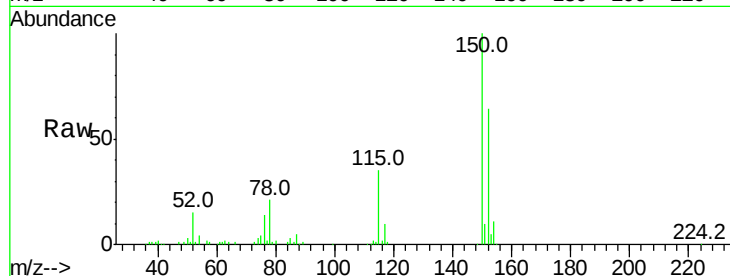


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG031993.D
Acq: 11 Jan 2018 20:47

Instrument :
BNA_G
ClientSampleId :
TW-1

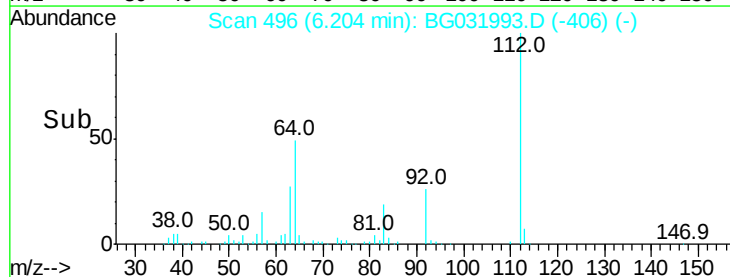
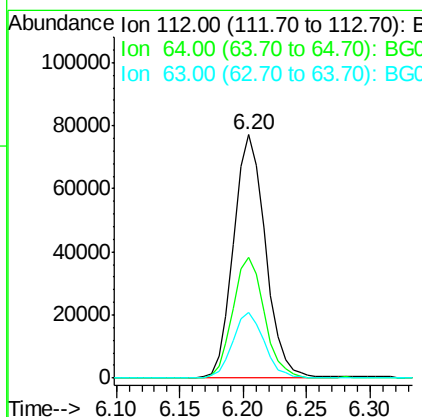
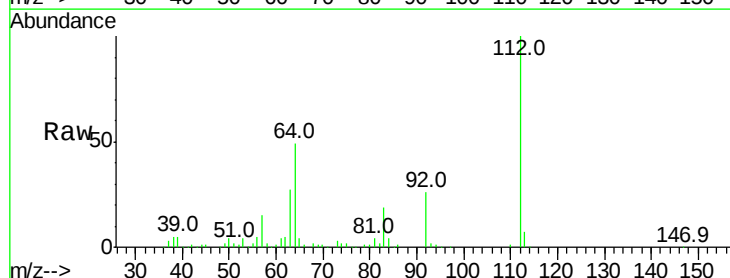
Tot Ion:152 Resp: 47969
Ion Ratio Lower Upper
152 100
150 155.4 126.6 189.8
115 54.8 53.0 79.4



#5

2-Fluorophenol
Concen: 51.174 ng
RT: 6.20 min Scan# 496
Delta R.T. 0.00 min
Lab File: BG031993.D
Acq: 11 Jan 2018 20:47

Tgt Ion:112 Resp: 134775
Ion Ratio Lower Upper
112 100
64 49.4 56.3 84.5#
63 27.0 30.1 45.1#





#7

Phenol-d6

Concen: 31.864 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG031993.D

Acq: 11 Jan 2018 20:47

Instrument :

BNA_G

ClientSampleId :

TW-1

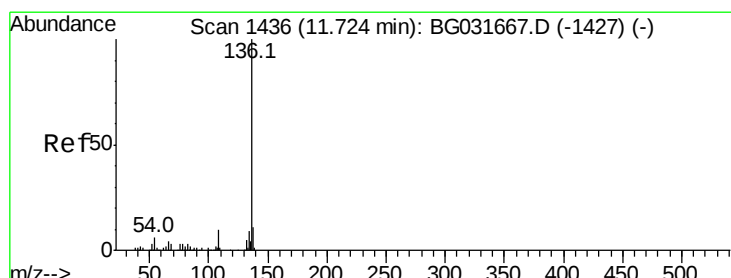
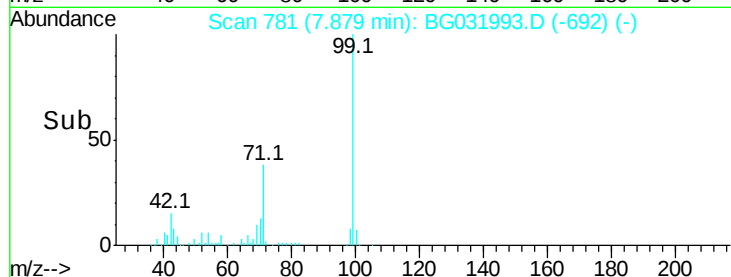
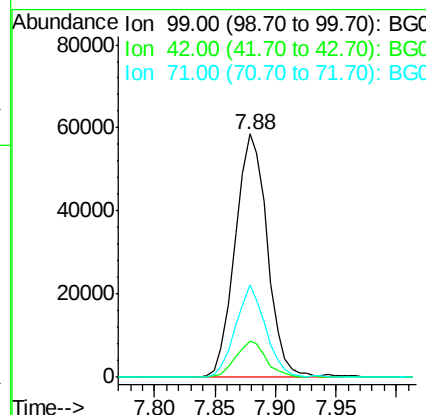
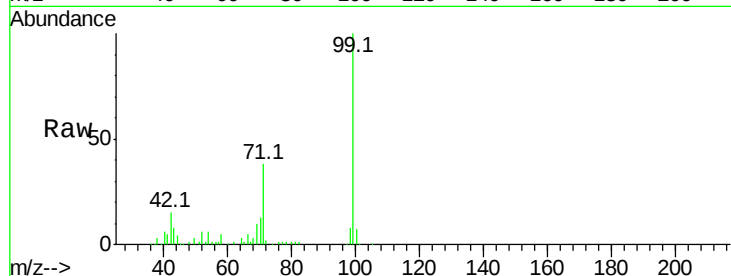
Tot Ion: 99 Resp: 108955

Ion Ratio Lower Upper

99 100

42 14.9 14.1 21.1

71 38.1 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.66 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BG031993.D

Acq: 11 Jan 2018 20:47

Tgt Ion: 136 Resp: 207161

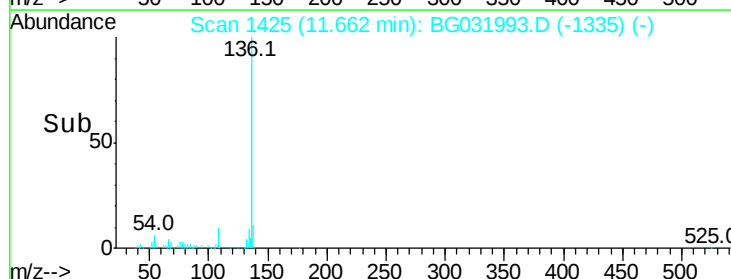
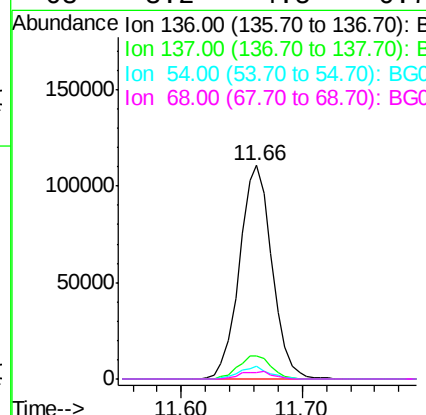
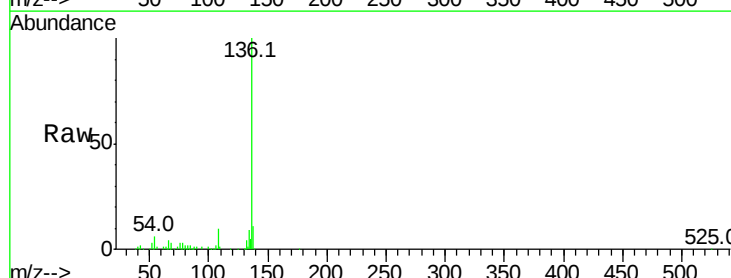
Ion Ratio Lower Upper

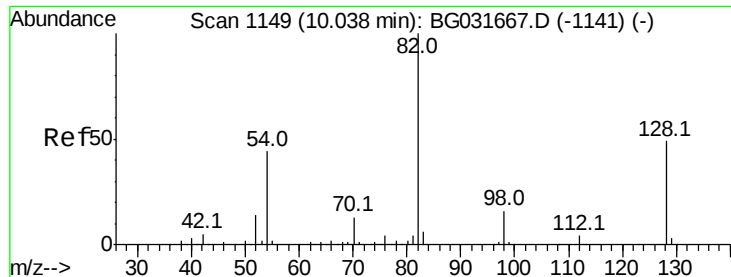
136 100

137 10.9 9.2 13.8

54 5.7 10.3 15.5#

68 3.2 4.5 6.7#

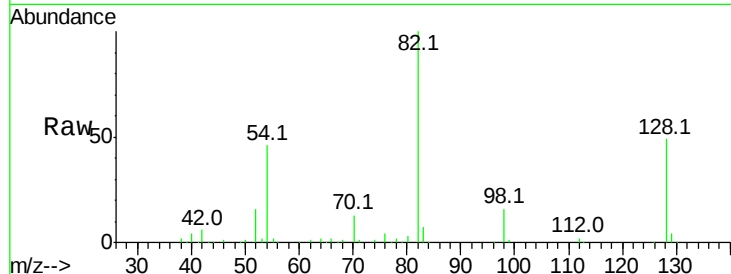




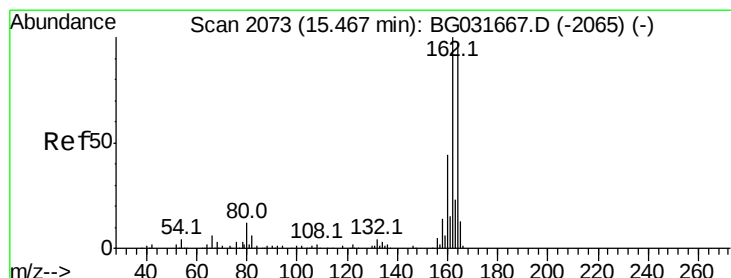
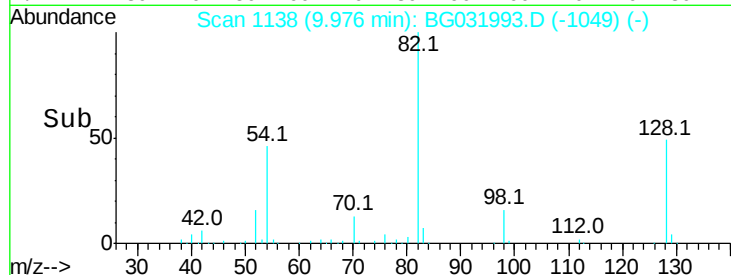
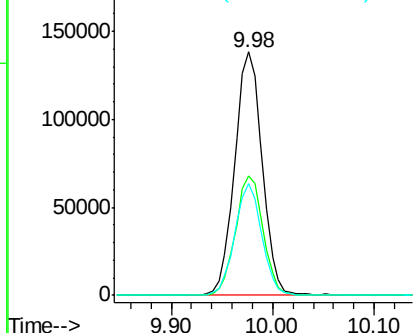
#23
Nitrobenzene-d5
Concen: 95.200 ng
RT: 9.98 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG031993.D
Acq: 11 Jan 2018 20:47

Instrument :
BNA_G
ClientSampleId :
TW-1

Tot Ion: 82 Resp: 261173
Ion Ratio Lower Upper
82 100
128 48.9 29.7 44.5#
54 45.8 43.1 64.7

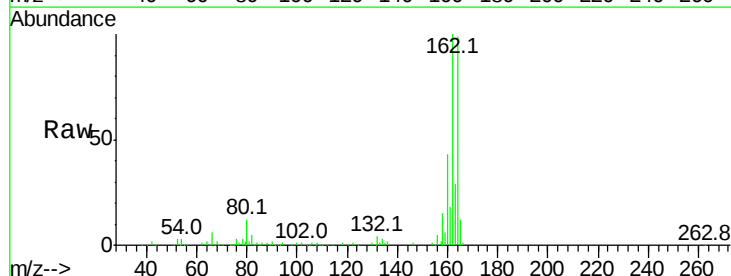


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

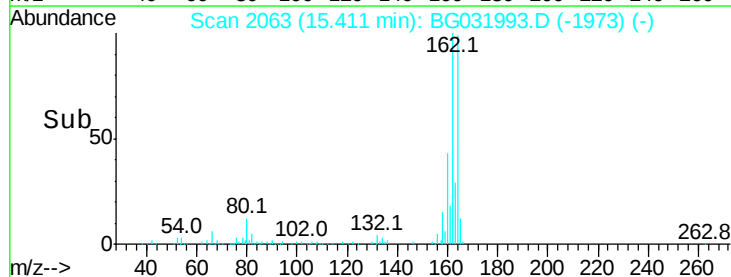
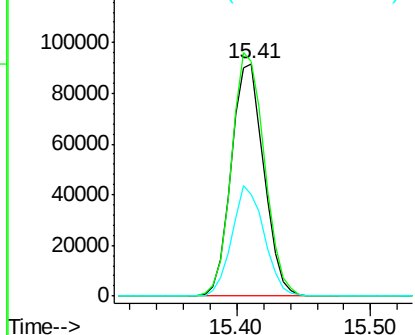


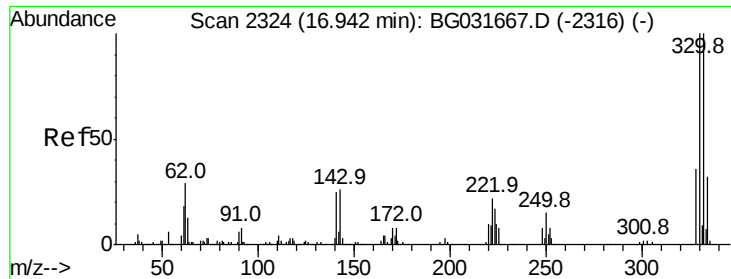
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BG031993.D
Acq: 11 Jan 2018 20:47

Tgt Ion:164 Resp: 155580
Ion Ratio Lower Upper
164 100
162 100.9 78.8 118.2
160 43.7 35.4 53.0



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

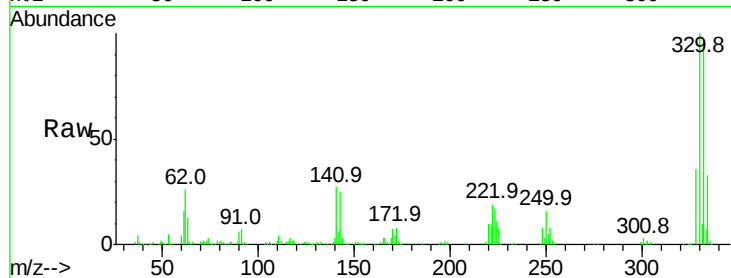




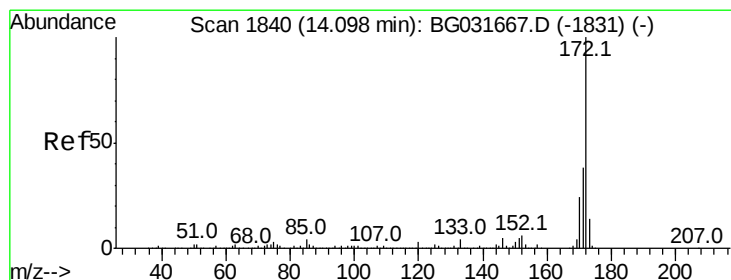
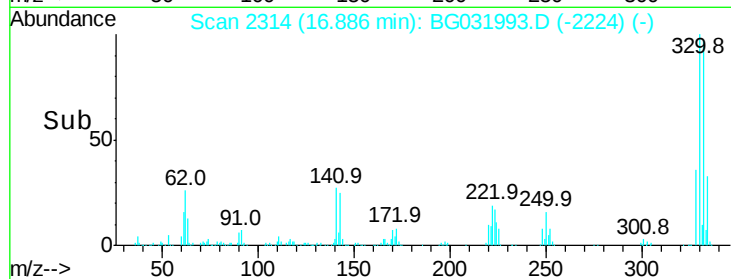
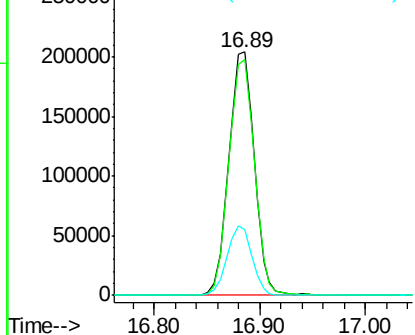
#41
 2,4,6-Tribromophenol
 Concen: 143.060 ng
 RT: 16.89 min Scan# 2314
 Delta R.T. 0.00 min
 Lab File: BG031993.D
 Acq: 11 Jan 2018 20:47

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	27.8	25.2	37.8

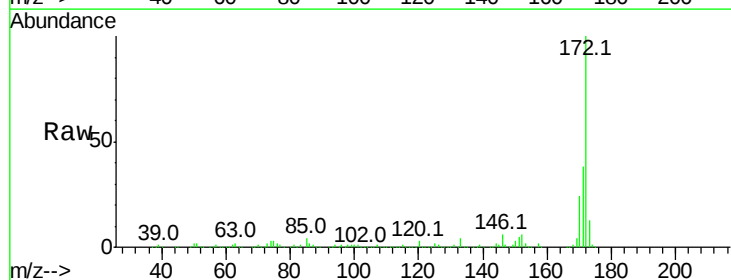


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

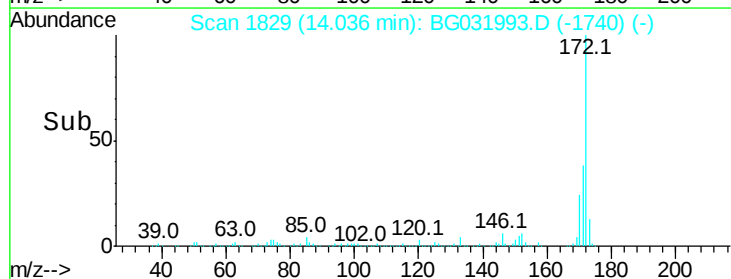
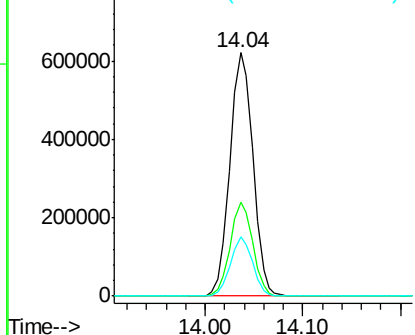


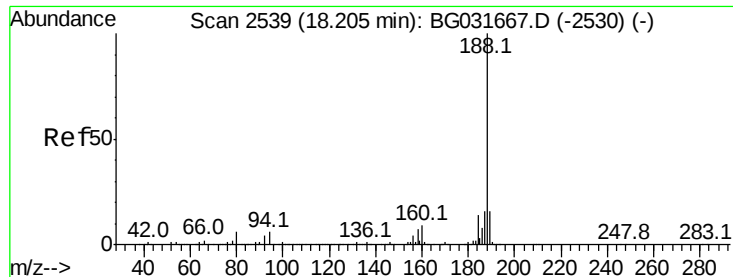
#44
 2-Fluorobiphenyl
 Concen: 82.132 ng
 RT: 14.04 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BG031993.D
 Acq: 11 Jan 2018 20:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.3	19.5	29.3



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

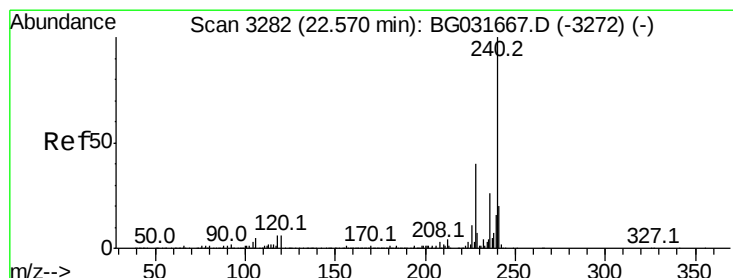
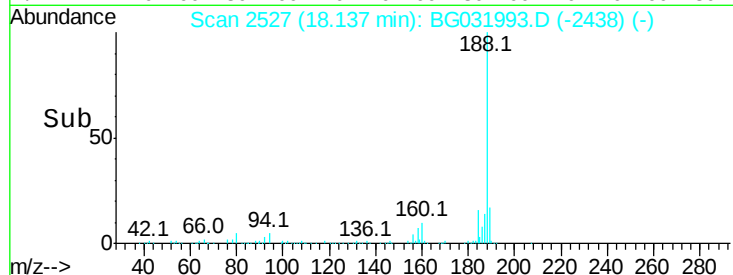
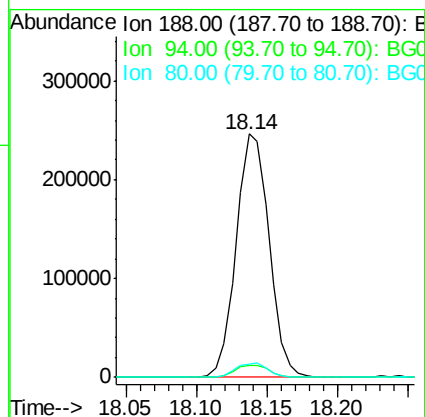
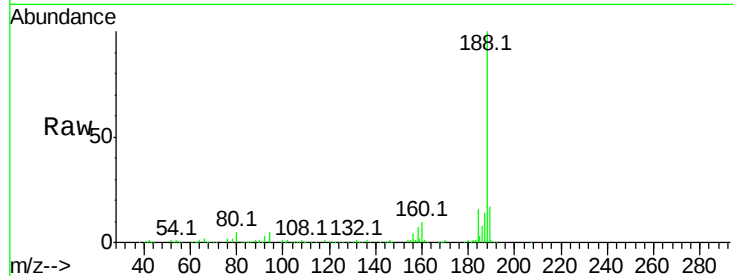




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG031993.D
Acq: 11 Jan 2018 20:47

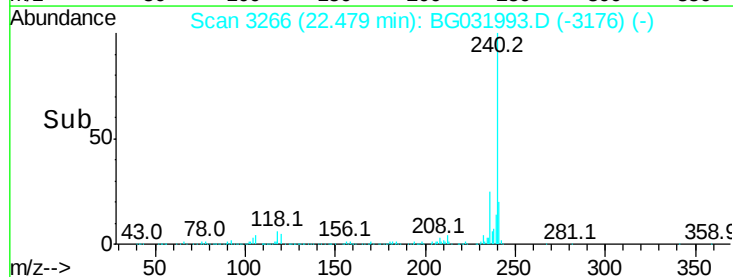
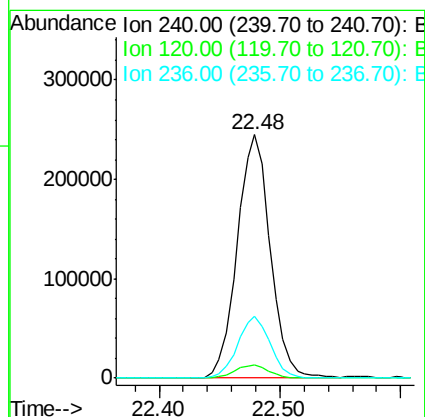
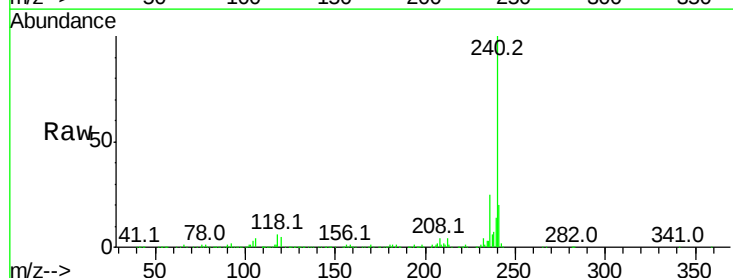
Instrument :
BNA_G
ClientSampleId :
TW-1

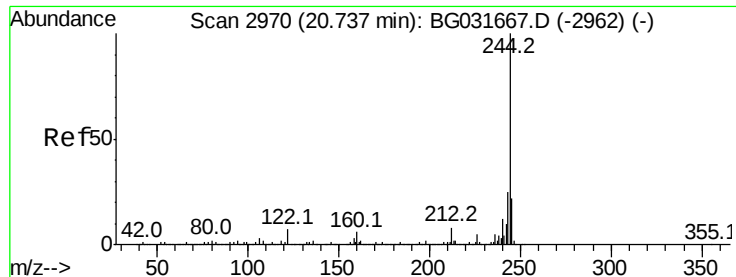
Tot Ion:188 Resp: 401304
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 5.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3266
Delta R.T. 0.00 min
Lab File: BG031993.D
Acq: 11 Jan 2018 20:47

Tgt Ion:240 Resp: 466432
Ion Ratio Lower Upper
240 100
120 5.3 6.8 10.2#
236 25.4 20.9 31.3





#78

Terphenyl-d14

Concen: 91.149 ng

RT: 20.68 min Scan# 2959

Delta R.T. 0.01 min

Lab File: BG031993.D

Acq: 11 Jan 2018 20:47

Instrument :

BNA_G

ClientSampleId :

TW-1

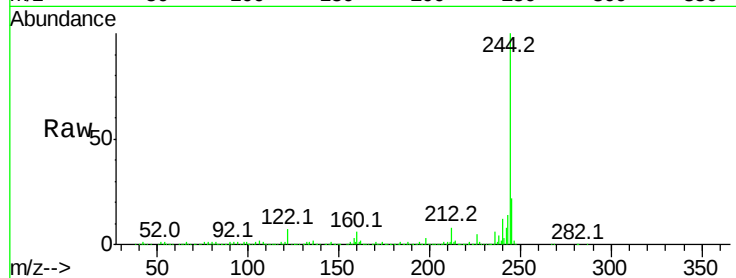
Tot Ion:244 Resp: 1860882

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

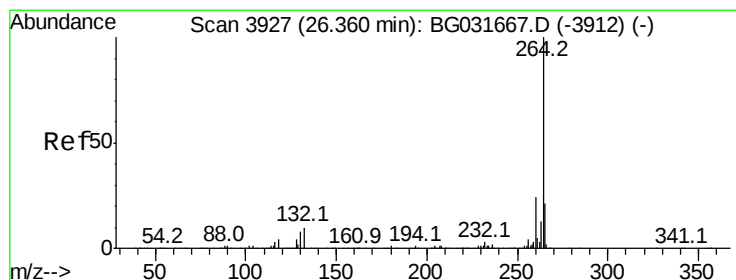
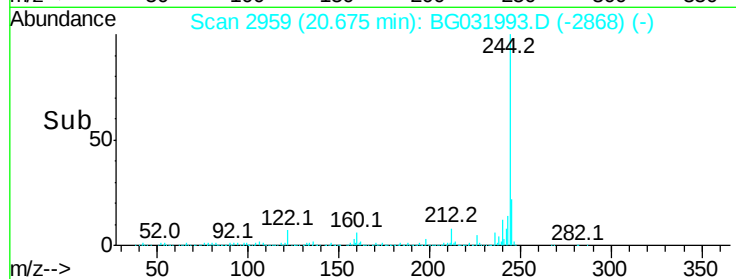
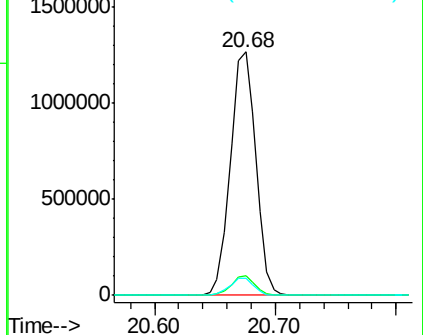
122 6.8 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.20 min Scan# 3899

Delta R.T. -0.01 min

Lab File: BG031993.D

Acq: 11 Jan 2018 20:47

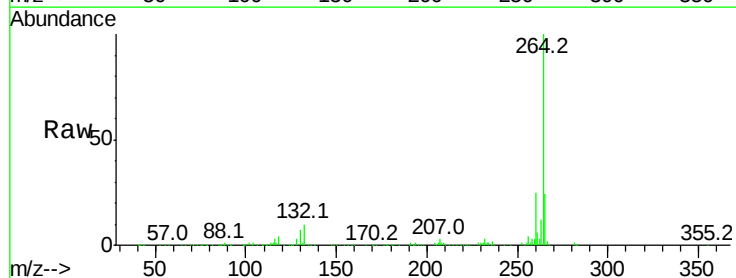
Tgt Ion:264 Resp: 467105

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 24.0 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

