

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033253.D
 Acq On : 19 Mar 2018 23:29
 Operator : SJ/JU
 Sample : J1953-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031418-TIDO-F-U-S

Quant Time: Mar 20 03:58:07 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

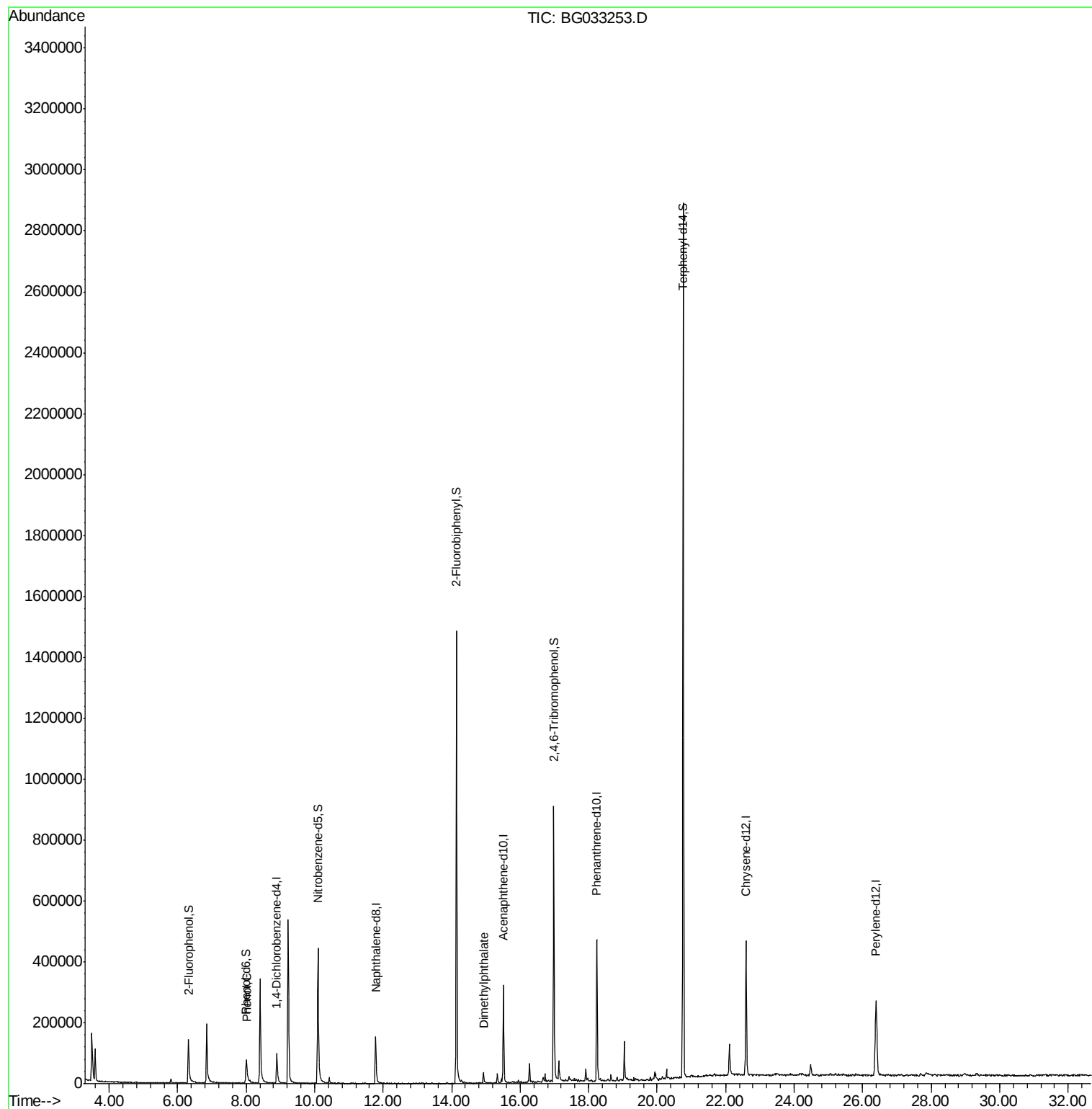
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	36342	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	157832	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	122045	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	332697	20.00	ng	0.00
75) Chrysene-d12	22.60	240	341593	20.00	ng	0.00
86) Perylene-d12	26.39	264	352055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	82948	42.80	ng	0.00
7) Phenol-d6	8.00	99	72886	21.89	ng	0.00
23) Nitrobenzene-d5	10.09	82	351574	102.34	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	191566	104.95	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	852863	100.88	ng	0.00
78) Terphenyl-d14	20.76	244	1412501	88.43	ng	0.00
Target Compounds						
10) Phenol	8.03	94	9120	2.774	ng	85
49) Dimethylphthalate	14.93	163	25014	2.355	ng	97

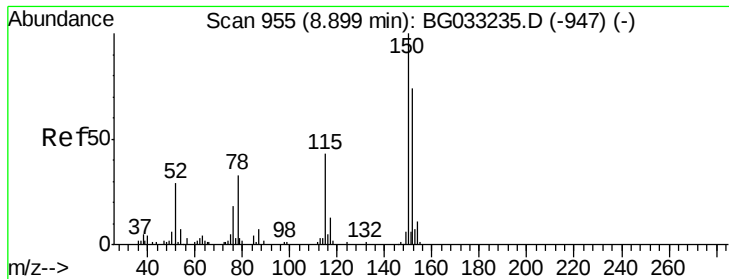
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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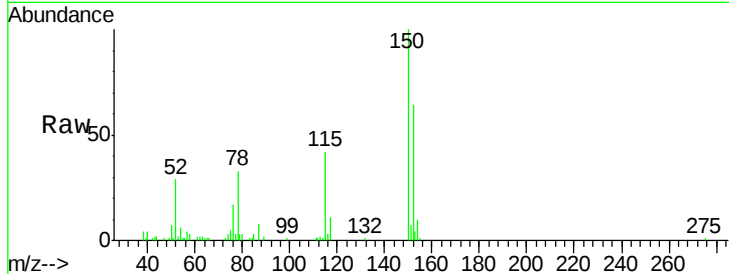


#1

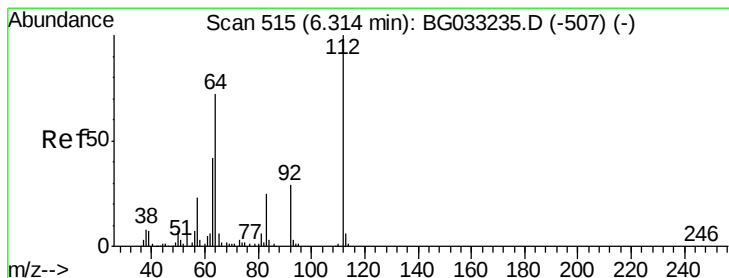
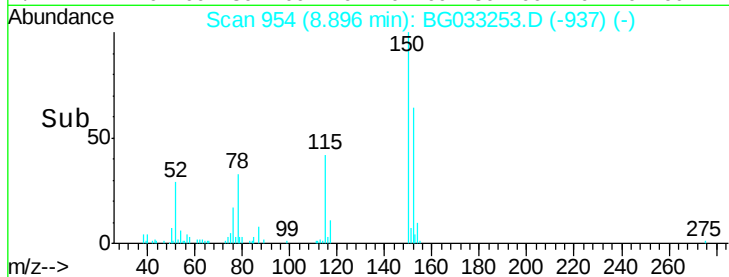
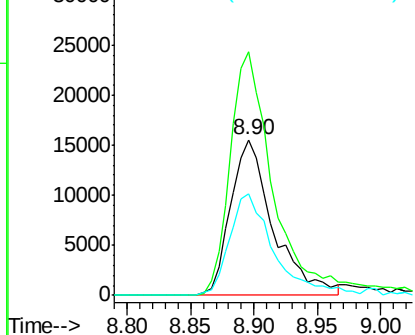
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

Instrument :
BNA_G
ClientSampleId :
031418-TIDO-F-U-S

Tot Ion:152 Resp: 36342
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 65.2 53.0 79.4



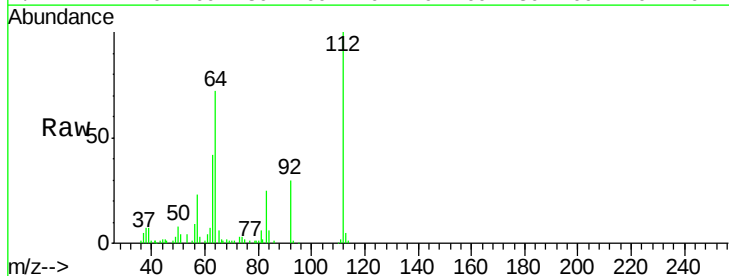
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



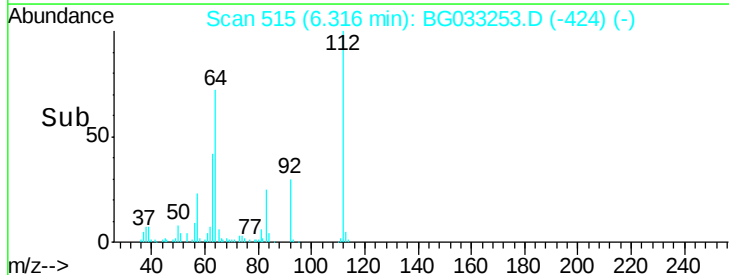
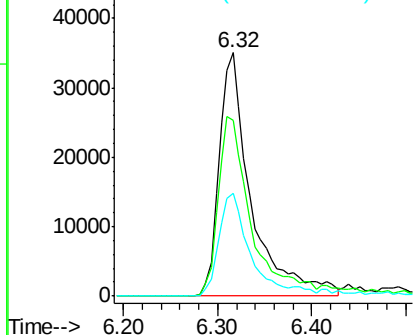
#5

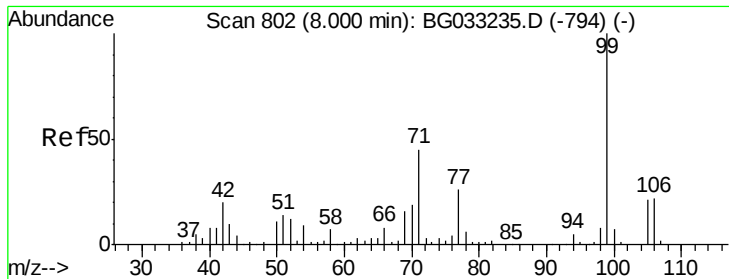
2-Fluorophenol
Concen: 42.798 ng
RT: 6.32 min Scan# 515
Delta R.T. 0.00 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

Tgt Ion:112 Resp: 82948
Ion Ratio Lower Upper
112 100
64 72.0 56.3 84.5
63 42.2 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: 21.887 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033253.D

Acq: 19 Mar 2018 23:29

Instrument :

BNA_G

ClientSampleId :

031418-TIDO-F-U-S

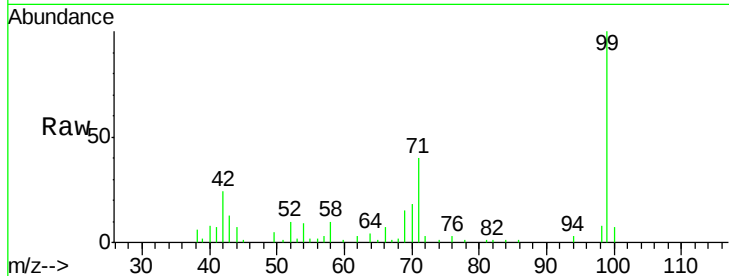
Tot Ion: 99 Resp: 72886

Ion Ratio Lower Upper

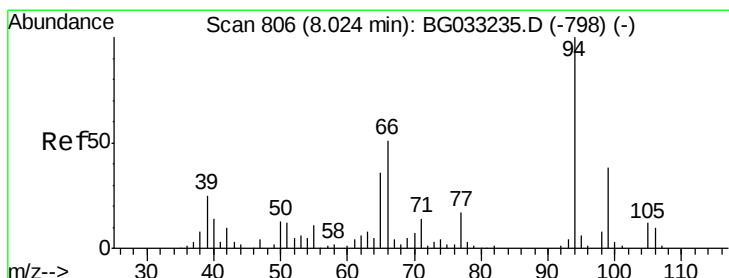
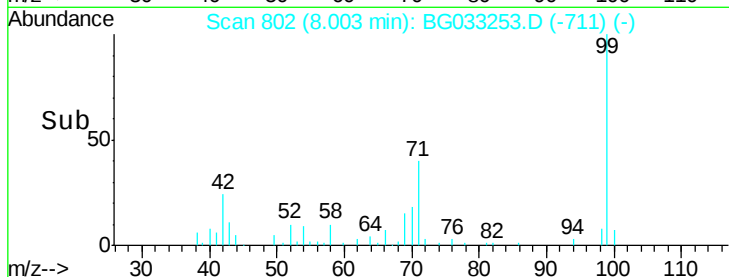
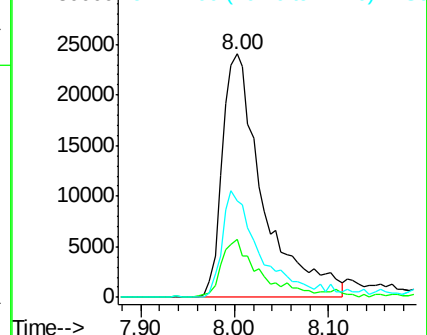
99 100

42 23.6 14.1 21.1#

71 39.6 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



#10

Phenol

Concen: 2.774 ng

RT: 8.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG033253.D

Acq: 19 Mar 2018 23:29

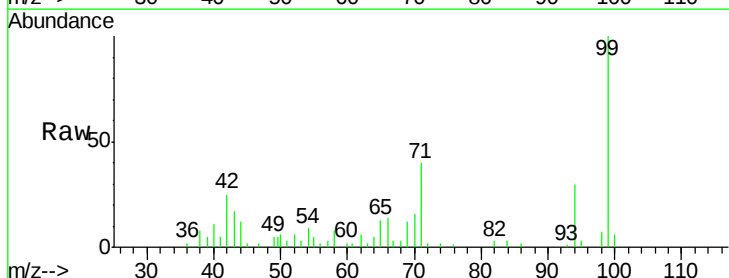
Tgt Ion: 94 Resp: 9120

Ion Ratio Lower Upper

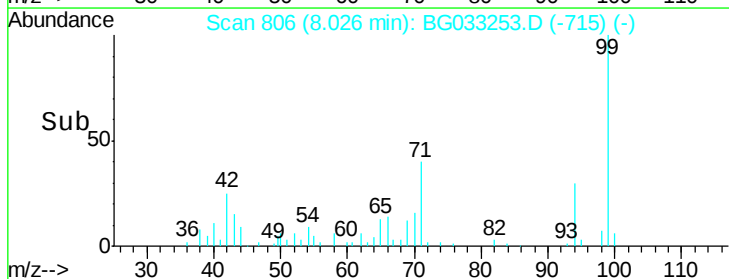
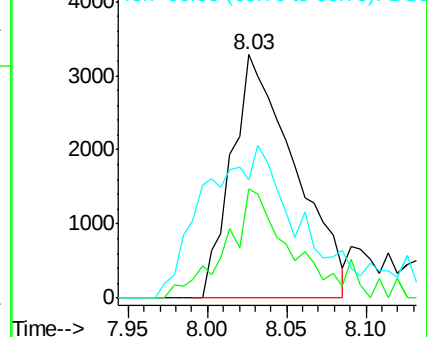
94 100

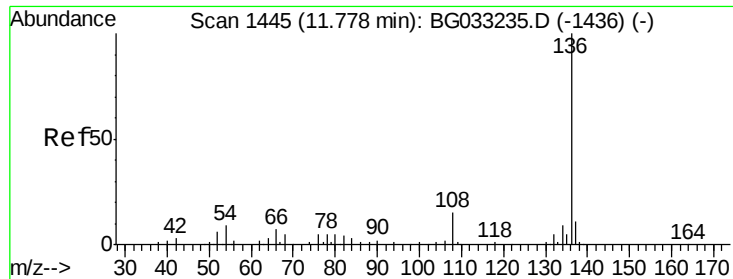
65 44.6 11.9 51.9

66 48.3 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BG033253.D

Acq: 19 Mar 2018 23:29

Instrument :

BNA_G

ClientSampleId :

031418-TIDO-F-U-S

Tot Ion:136 Resp: 157832

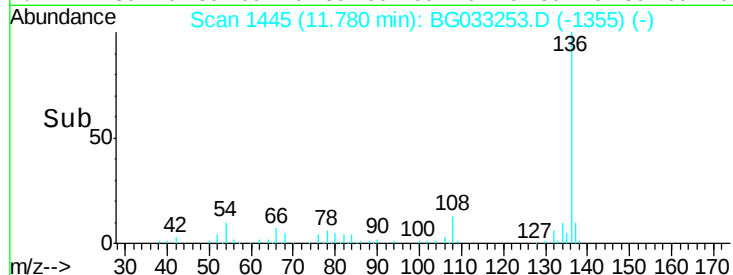
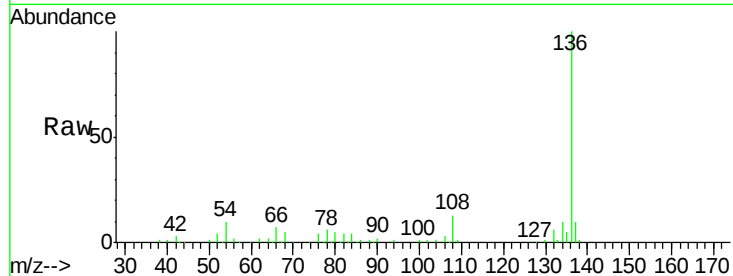
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 10.1 10.3 15.5#

68 4.8 4.5 6.7

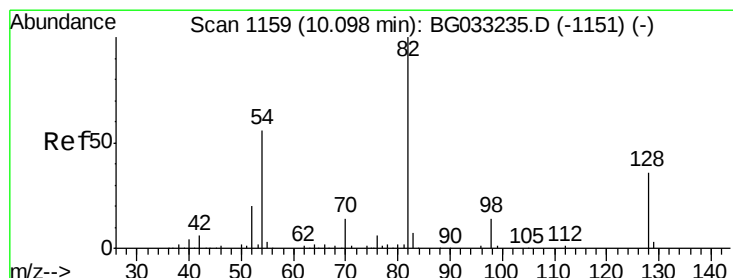
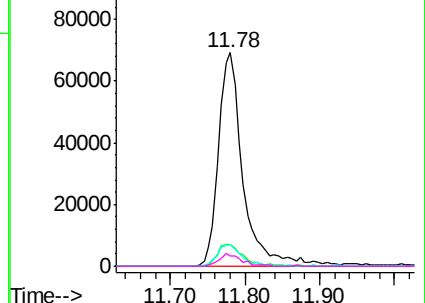


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 102.341 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033253.D

Acq: 19 Mar 2018 23:29

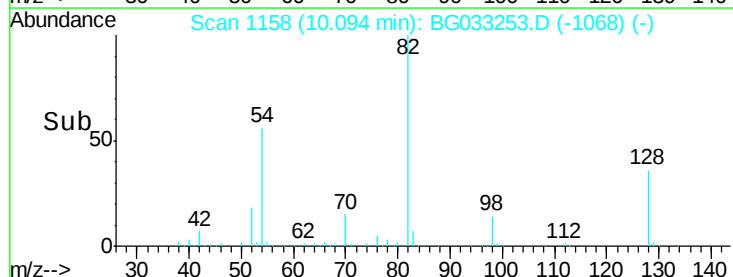
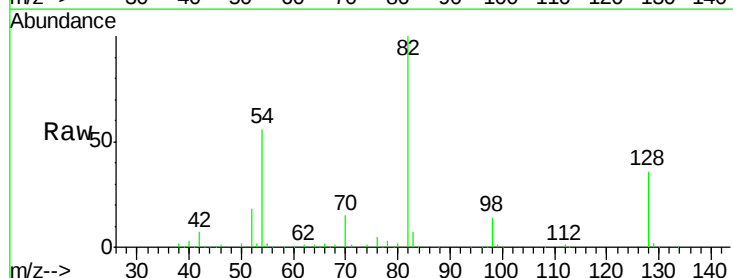
Tgt Ion: 82 Resp: 351574

Ion Ratio Lower Upper

82 100

128 35.7 29.7 44.5

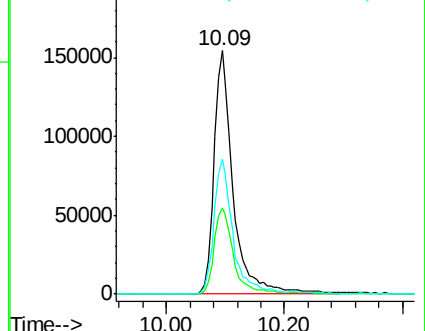
54 55.6 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

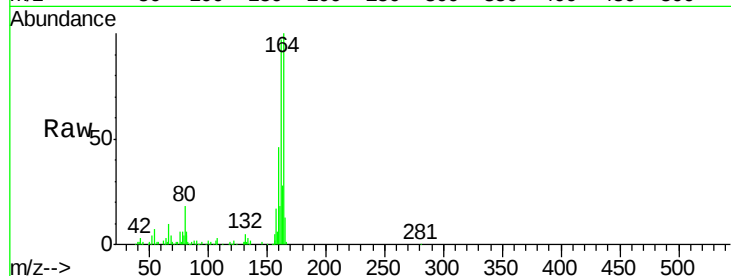




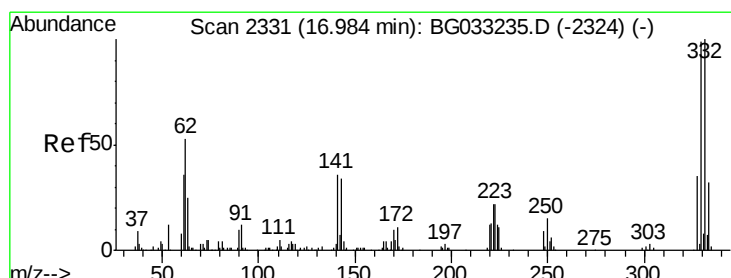
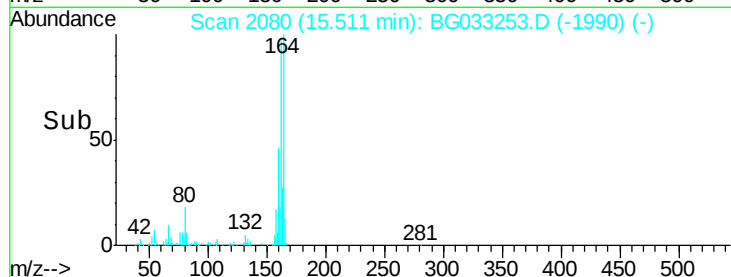
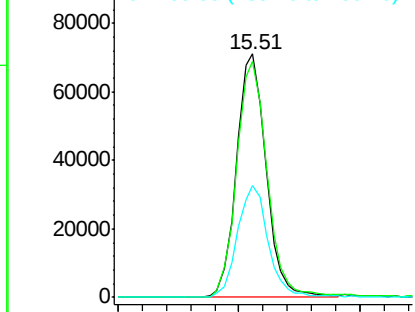
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

Instrument :
BNA_G
ClientSampleId :
031418-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.8	78.8	118.2
160	45.7	35.4	53.0

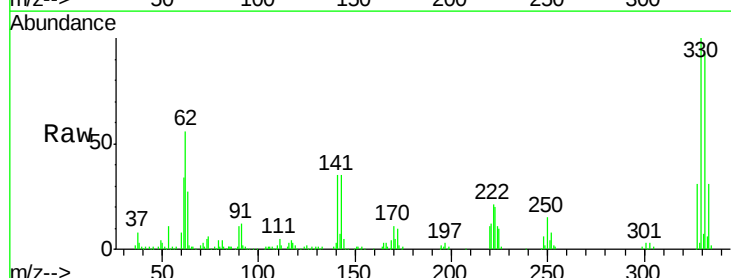


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

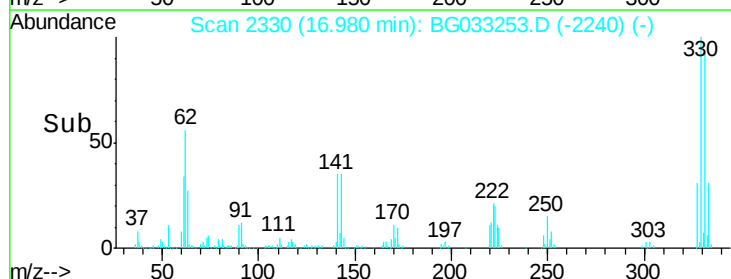
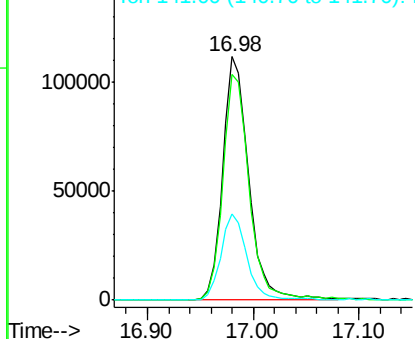


#41
2,4,6-Tribromophenol
Concen: 104.949 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	35.1	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

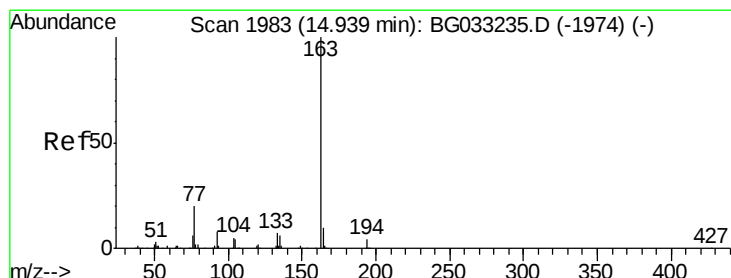
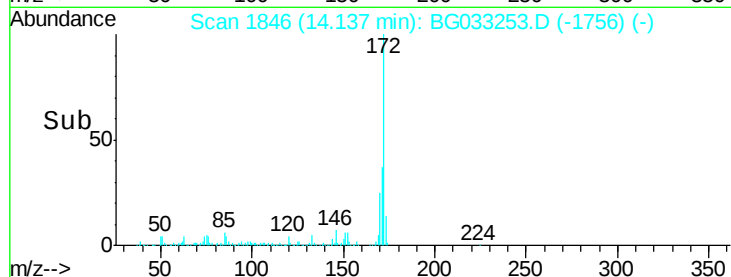
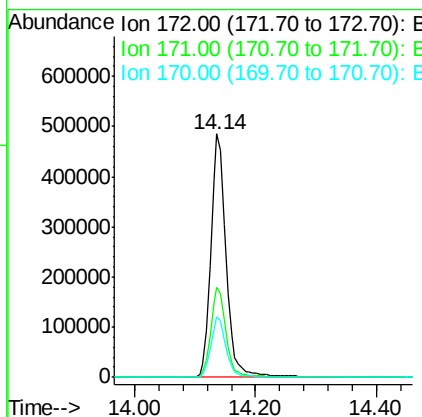
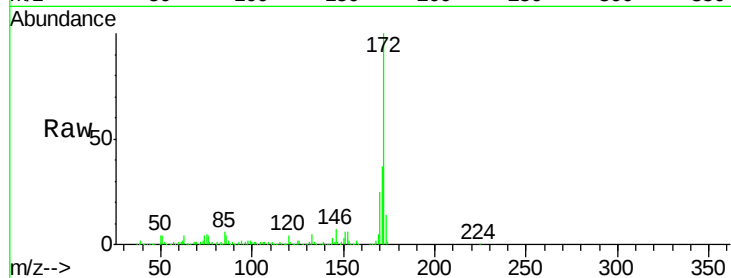




#44
2-Fluorobiphenyl
Concen: 100.883 ng
RT: 14.14 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

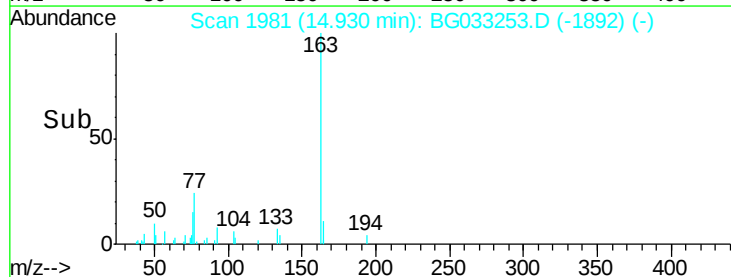
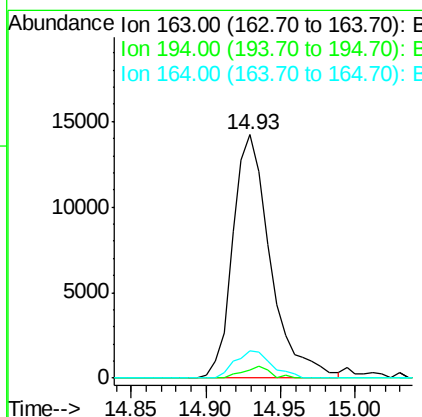
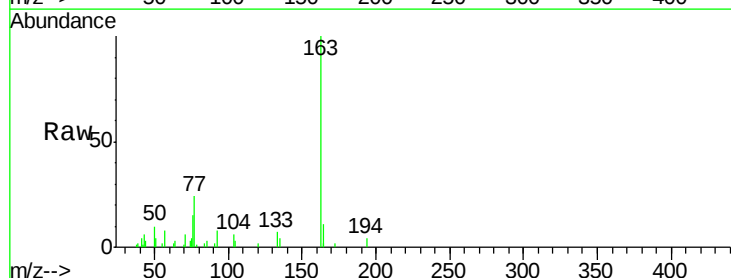
Instrument :
BNA_G
ClientSampleId :
031418-TIDO-F-U-S

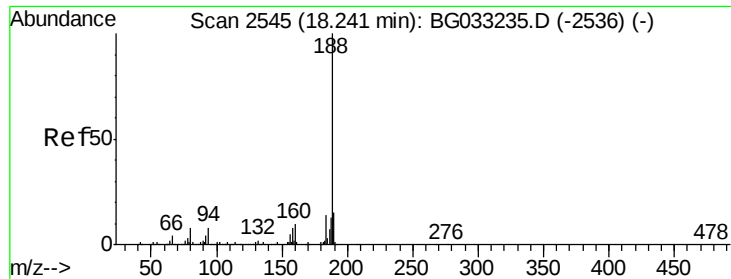
Tot Ion:172 Resp: 852863
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 25.1 19.5 29.3



#49
Dimethylphthalate
Concen: 2.355 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

Tgt Ion:163 Resp: 25014
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 11.3 8.2 12.4

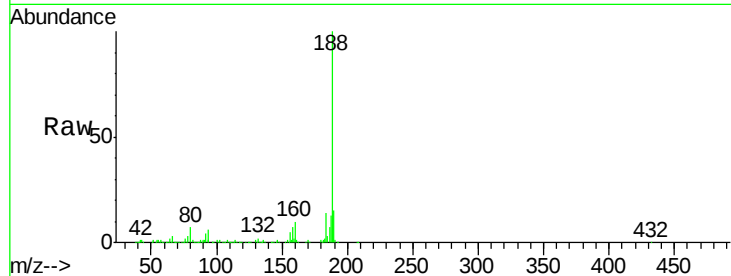




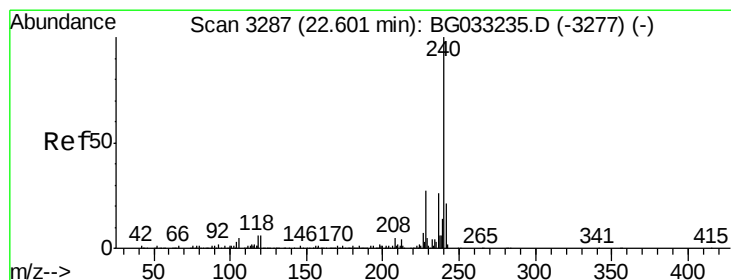
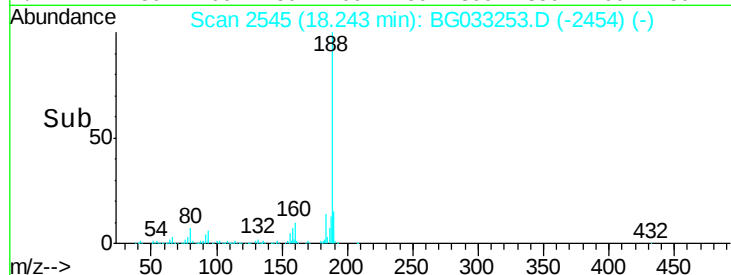
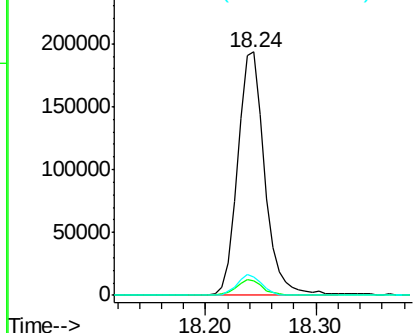
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

Instrument :
BNA_G
ClientSampleId :
031418-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.3	7.7	11.5#

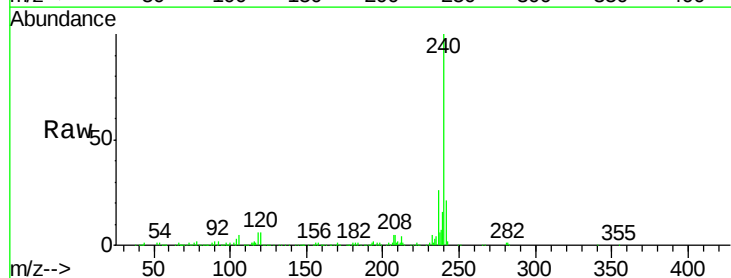


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

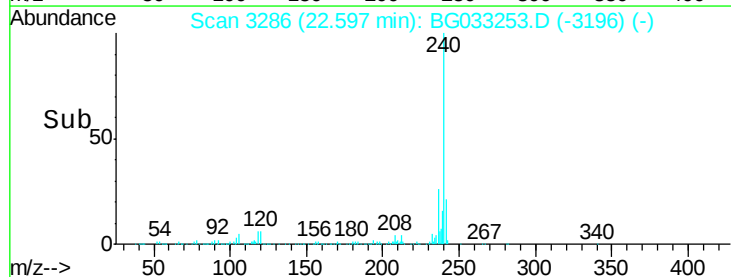
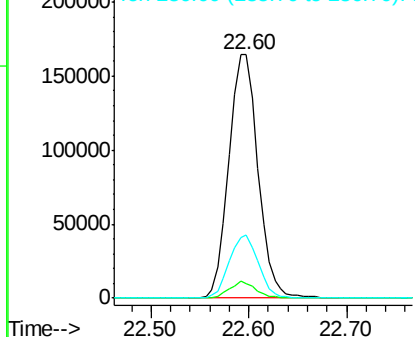


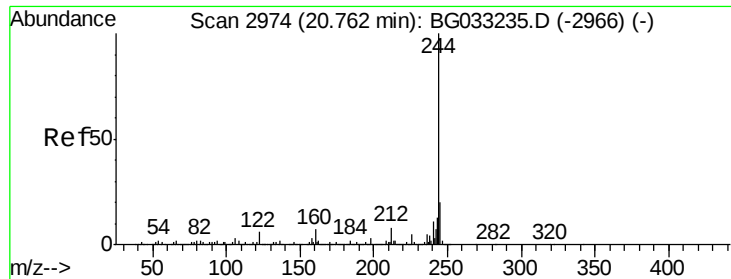
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3286
Delta R.T. -0.00 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	26.1	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: 88.432 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033253.D

Acq: 19 Mar 2018 23:29

Instrument :

BNA_G

ClientSampleId :

031418-TIDO-F-U-S

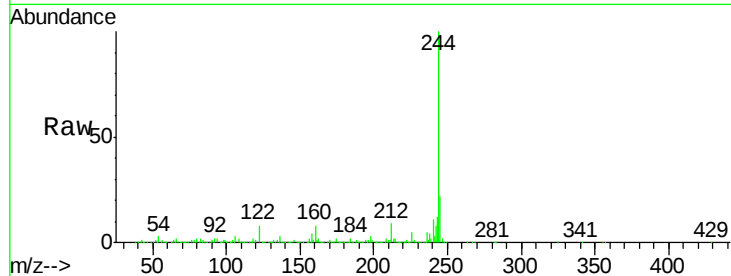
Tot Ion:244 Resp: 1412501

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

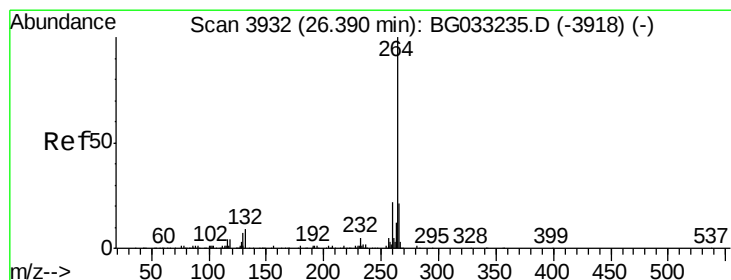
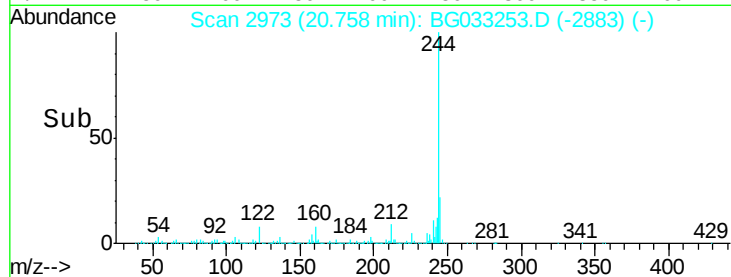
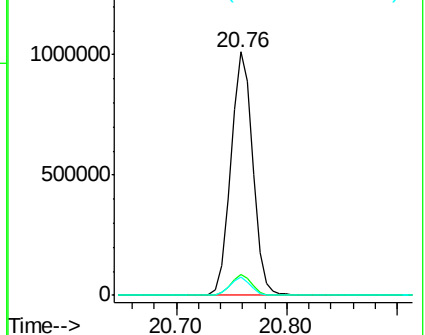
122 7.6 7.0 10.4



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: 26.39 min Scan# 3931

Delta R.T. -0.01 min

Lab File: BG033253.D

Acq: 19 Mar 2018 23:29

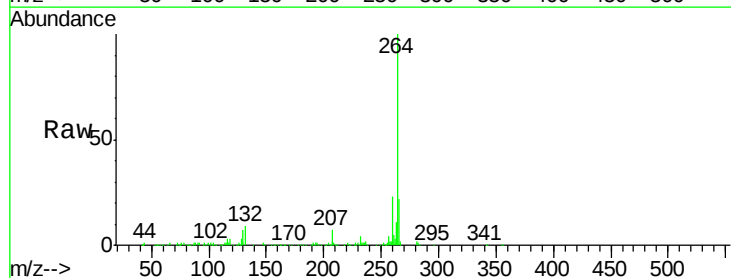
Tgt Ion:264 Resp: 352055

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.7 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

