

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033090.D
 Acq On : 12 Mar 2018 15:32
 Operator : SJ/JU
 Sample : J1868-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 030818-TIDO-F-U-S

Quant Time: Mar 12 16:35:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

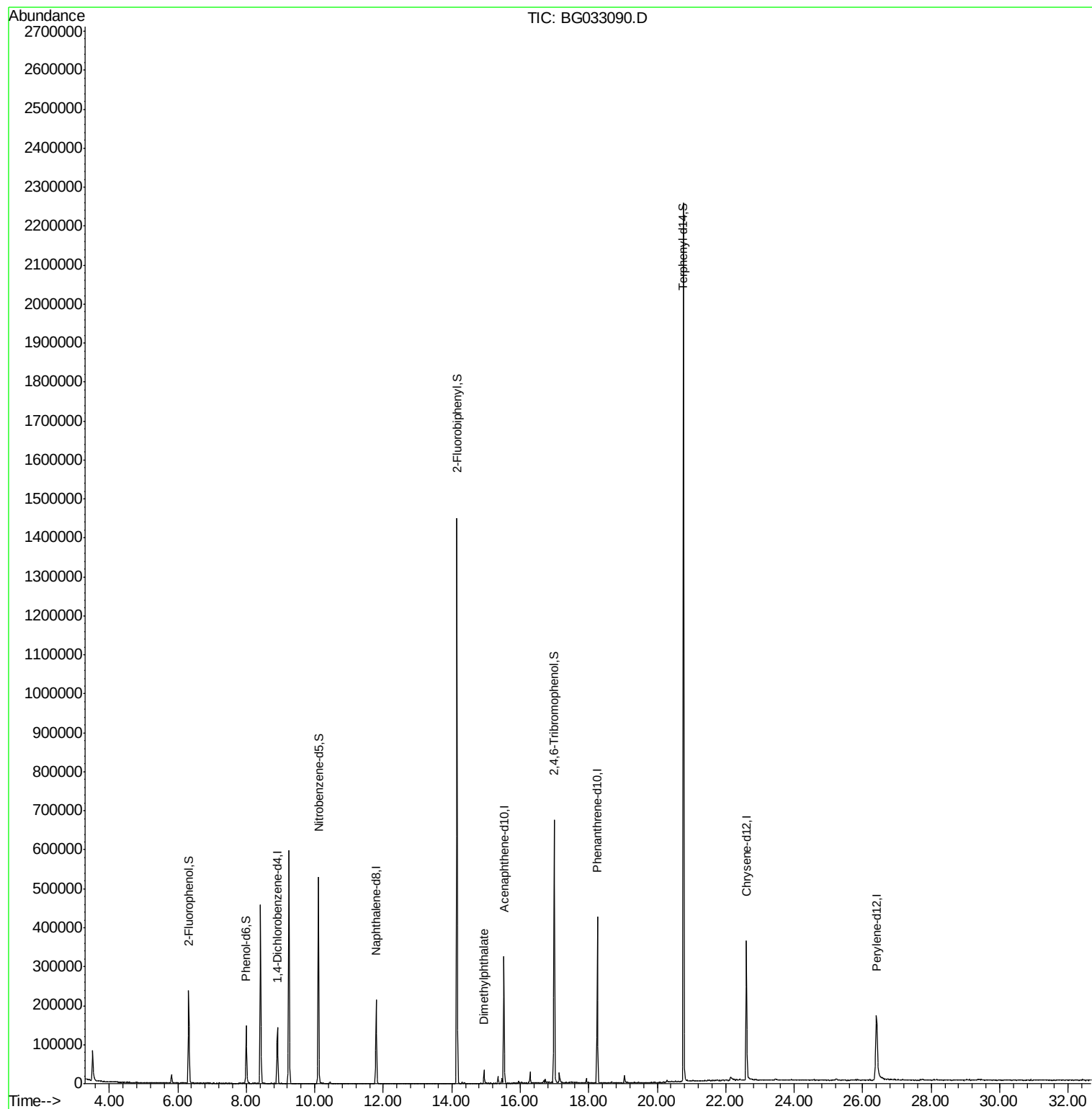
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	41798	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	189622	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	110983	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	258606	20.00	ng	0.00
75) Chrysene-d12	22.60	240	248531	20.00	ng	0.00
86) Perylene-d12	26.40	264	251092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	107641	41.20	ng	0.00
7) Phenol-d6	8.00	99	88380	24.27	ng	0.00
23) Nitrobenzene-d5	10.11	82	330807	116.86	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	125749	107.76	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	718950	93.43	ng	0.00
78) Terphenyl-d14	20.76	244	1076630	97.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.94	163	22880	2.428	ng	Qvalue # 97

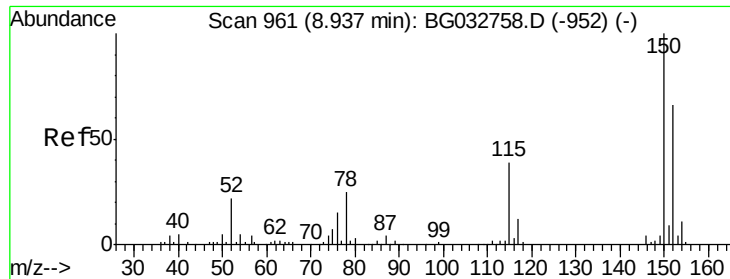
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 12 16:35:08 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



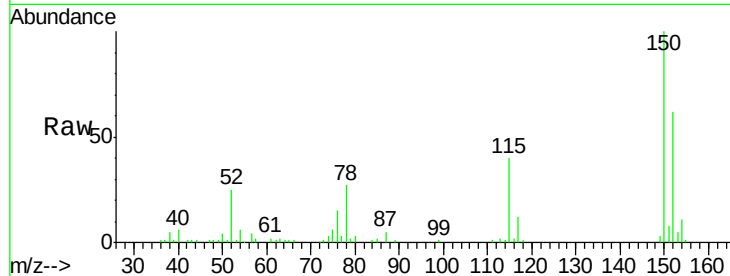


#1

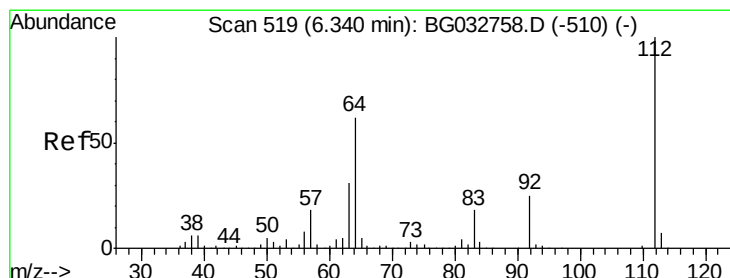
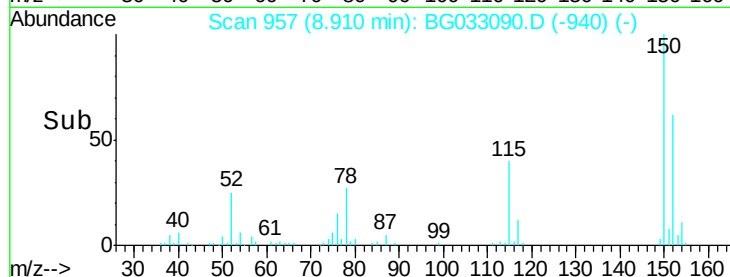
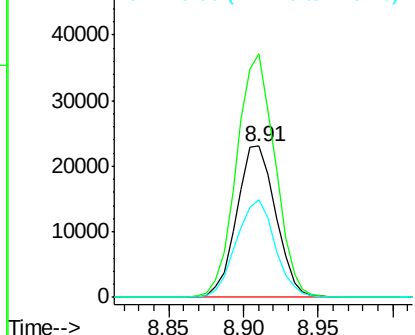
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033090.D
Acq: 12 Mar 2018 15:32

Instrument :
BNA_G
ClientSampleId :
030818-TIDO-F-U-S

Tot Ion:152 Resp: 41798
Ion Ratio Lower Upper
152 100
150 161.3 126.6 189.8
115 64.6 53.0 79.4



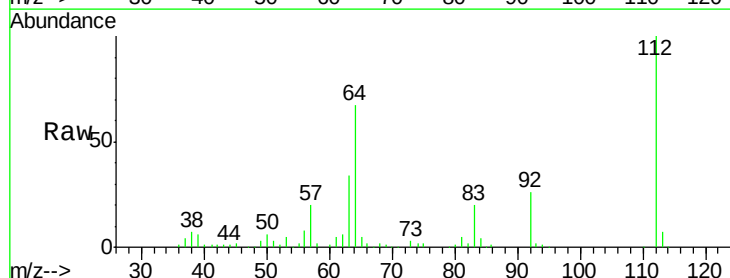
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



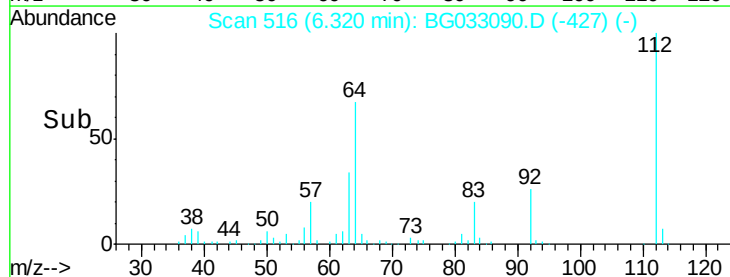
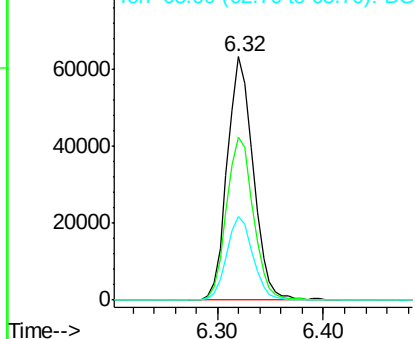
#5

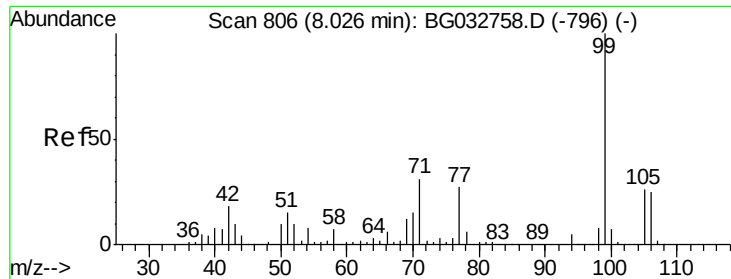
2-Fluorophenol
Concen: 41.201 ng
RT: 6.32 min Scan# 516
Delta R.T. -0.00 min
Lab File: BG033090.D
Acq: 12 Mar 2018 15:32

Tgt Ion:112 Resp: 107641
Ion Ratio Lower Upper
112 100
64 66.9 56.3 84.5
63 34.3 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: 24.269 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG033090.D

Acq: 12 Mar 2018 15:32

Instrument :

BNA_G

ClientSampleId :

030818-TIDO-F-U-S

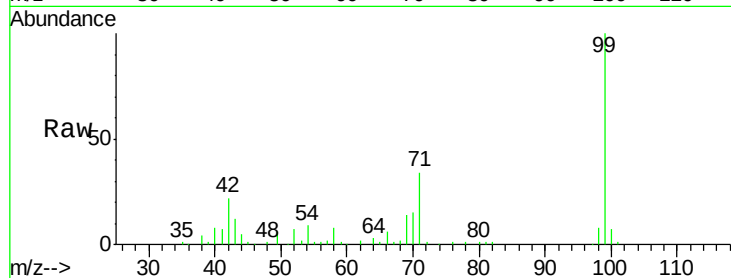
Tot Ion: 99 Resp: 88380

Ion Ratio Lower Upper

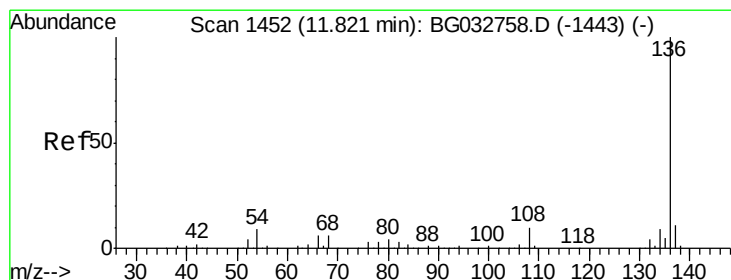
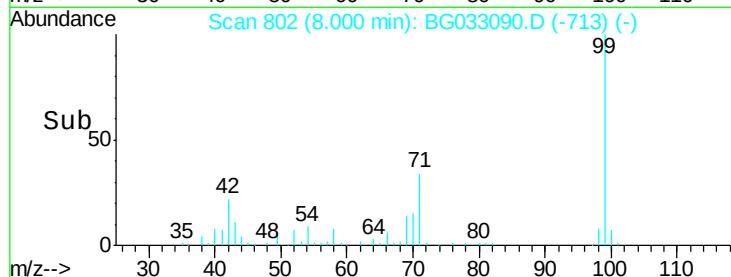
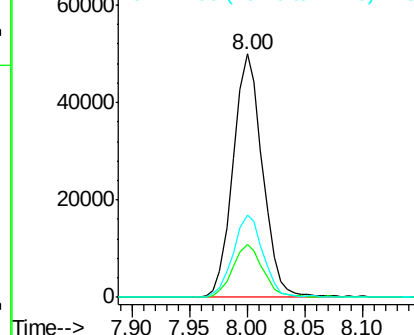
99 100

42 21.5 14.1 21.1#

71 34.0 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: 11.79 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BG033090.D

Acq: 12 Mar 2018 15:32

Tgt Ion: 136 Resp: 189622

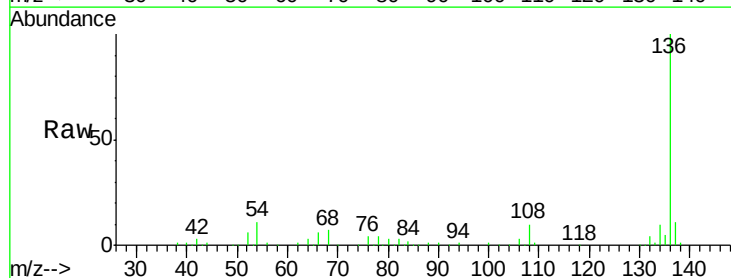
Ion Ratio Lower Upper

136 100

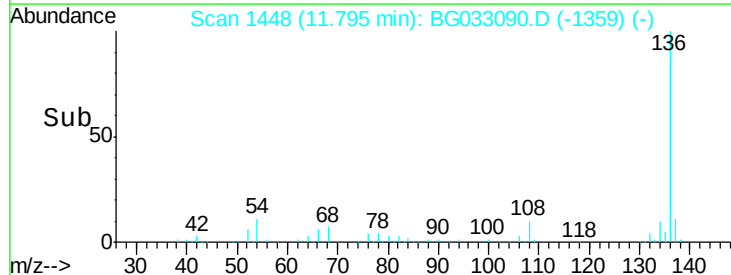
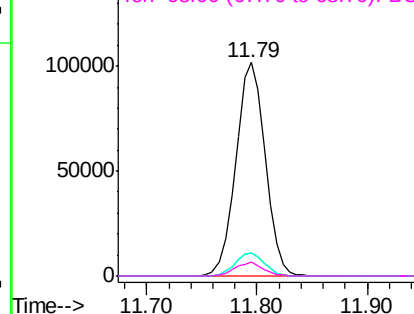
137 10.9 9.2 13.8

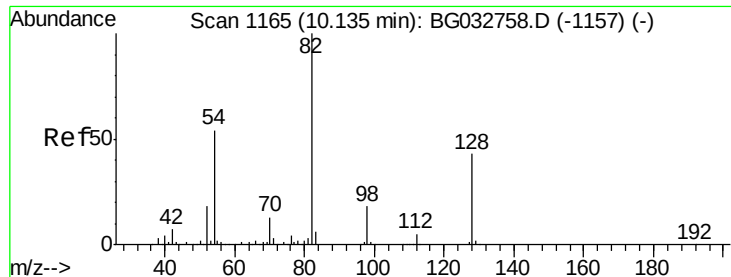
54 10.6 10.3 15.5

68 6.7 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

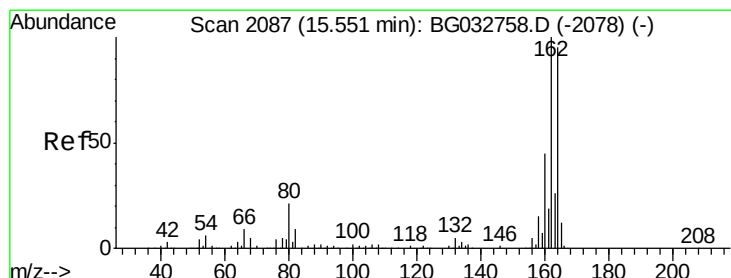
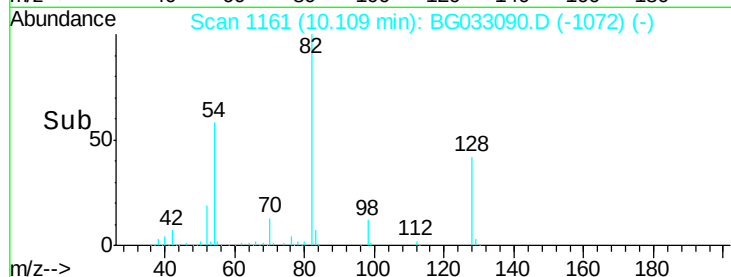
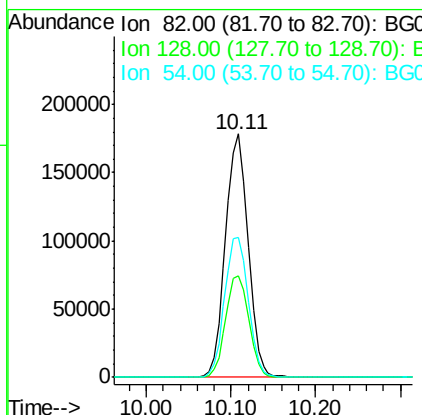
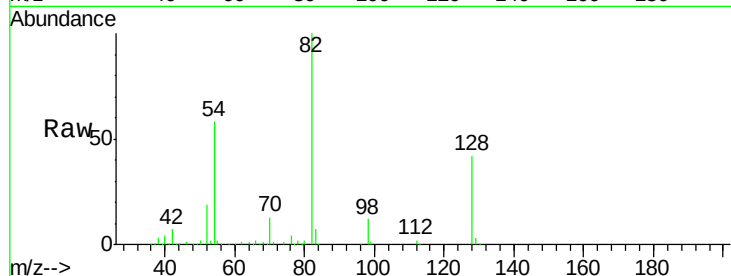




#23
 Nitrobenzene-d5
 Concen: 116.858 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033090.D
 Acq: 12 Mar 2018 15:32

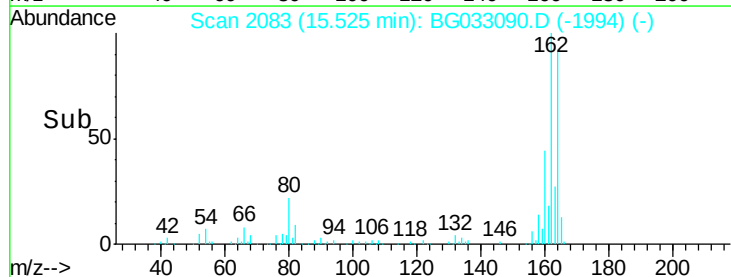
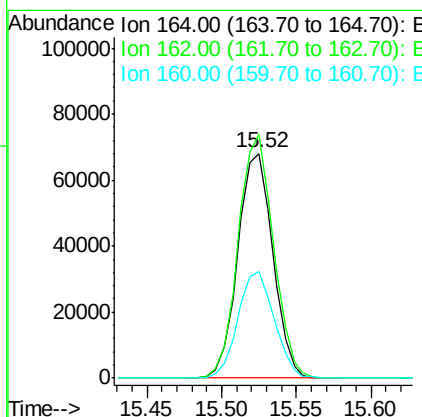
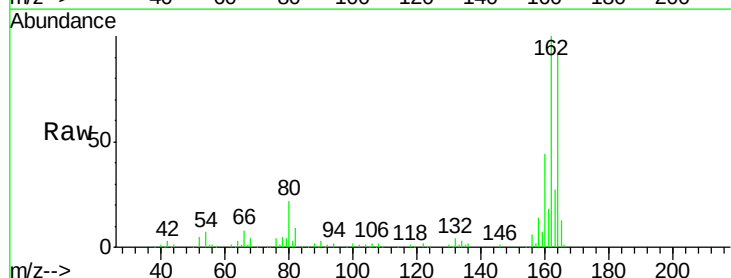
Instrument :
 BNA_G
 ClientSampleId :
 030818-TIDO-F-U-S

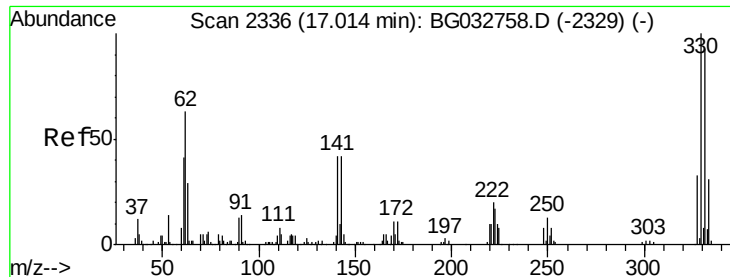
Tot Ion	82	Resp	330807
Ion Ratio	Lower	Upper	
82	100		
128	41.5	29.7	44.5
54	57.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033090.D
 Acq: 12 Mar 2018 15:32

Tgt Ion	164	Resp	110983
Ion Ratio	Lower	Upper	
164	100		
162	108.2	78.8	118.2
160	47.2	35.4	53.0

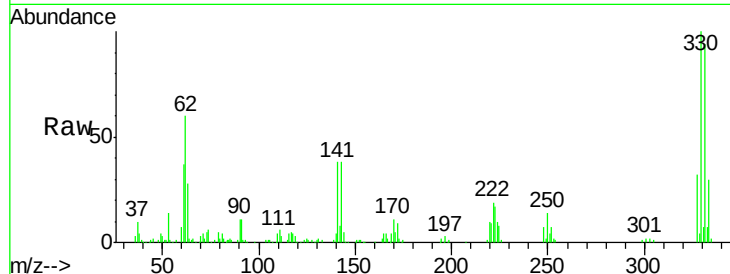




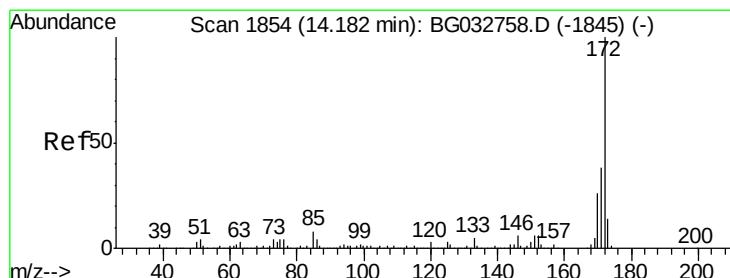
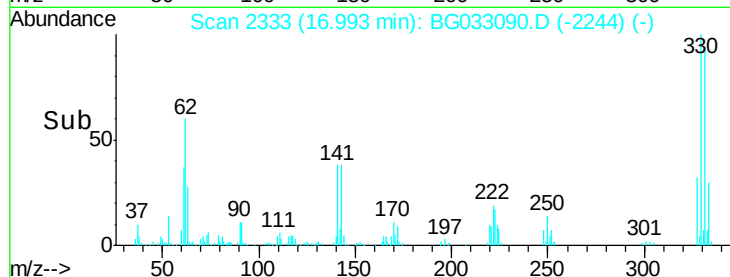
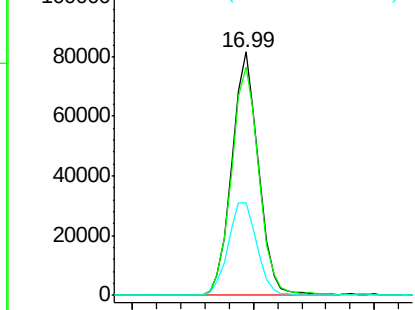
#41
 2,4,6-Tribromophenol
 Concen: 107.759 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033090.D
 Acq: 12 Mar 2018 15:32

Instrument :
 BNA_G
 ClientSampleId :
 030818-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	41.2	25.2	37.8#

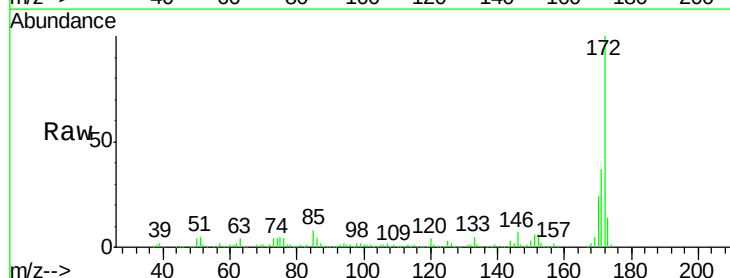


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

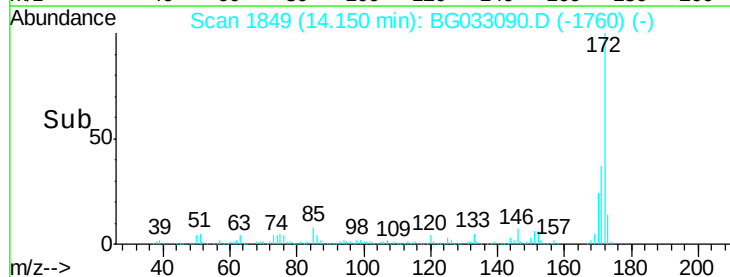
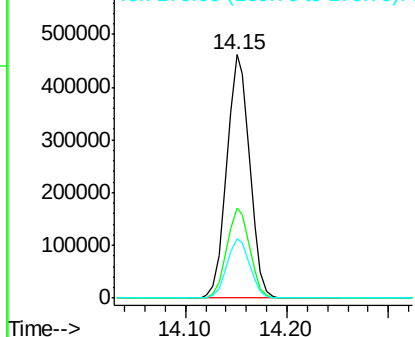


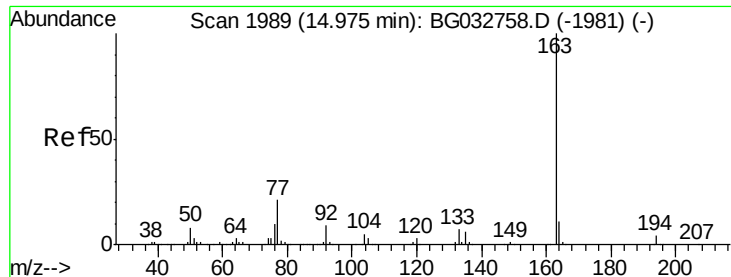
#44
 2-Fluorobiphenyl
 Concen: 93.429 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033090.D
 Acq: 12 Mar 2018 15:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.4	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





#49

Dimethylphthalate

Concen: 2.428 ng

RT: 14.94 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG033090.D

Acq: 12 Mar 2018 15:32

Instrument :

BNA_G

ClientSampleId :

030818-TIDO-F-U-S

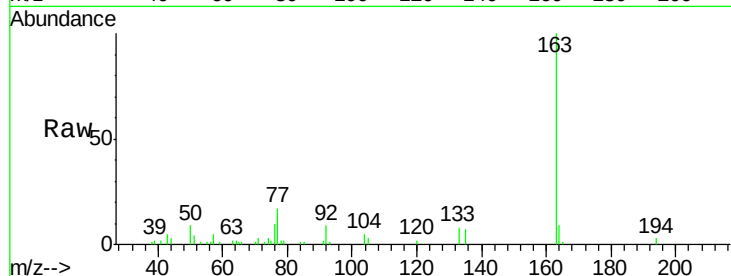
Tot Ion:163 Resp: 22880

Ion Ratio Lower Upper

163 100

194 3.4 3.4 5.2#

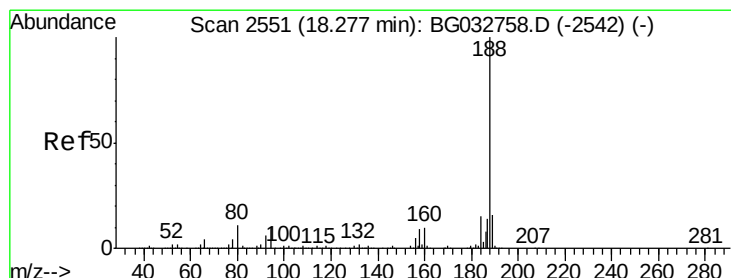
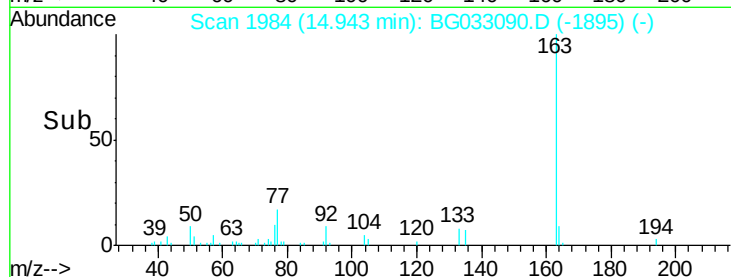
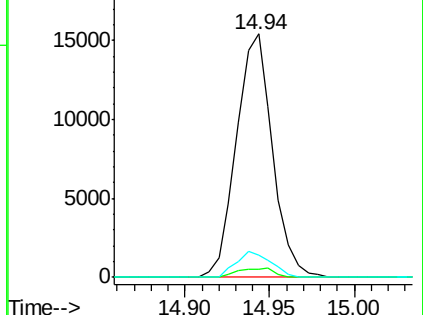
164 9.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BG033090.D

Acq: 12 Mar 2018 15:32

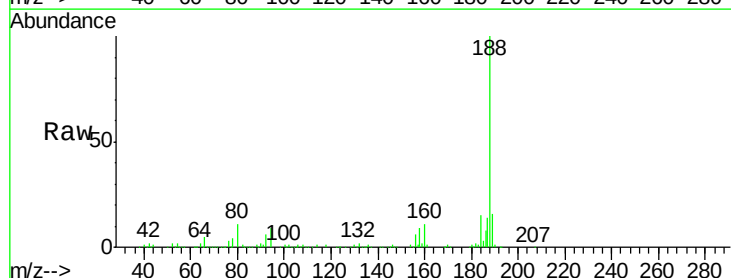
Tgt Ion:188 Resp: 258606

Ion Ratio Lower Upper

188 100

94 9.4 6.9 10.3

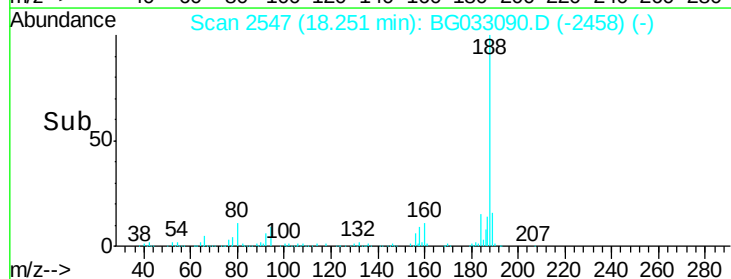
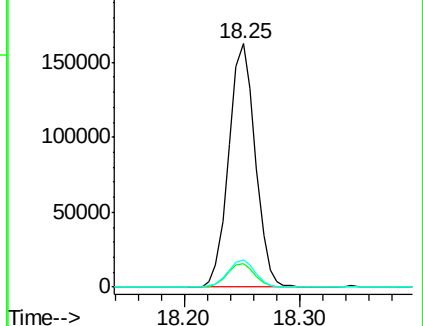
80 11.4 7.7 11.5

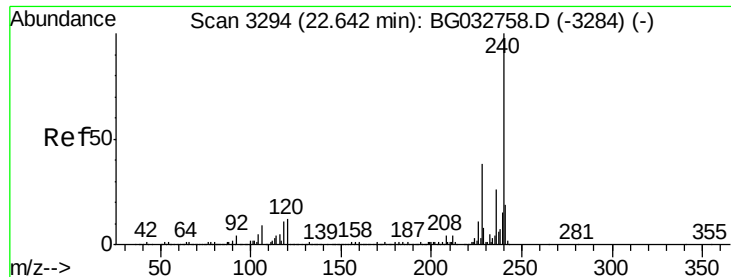


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3288

Delta R.T. -0.00 min

Lab File: BG033090.D

Acq: 12 Mar 2018 15:32

Instrument :

BNA_G

ClientSampleId :

030818-TIDO-F-U-S

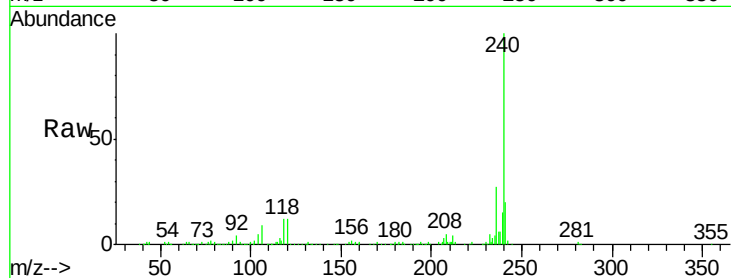
Tot Ion:240 Resp: 248531

Ion Ratio Lower Upper

240 100

120 11.9 6.8 10.2#

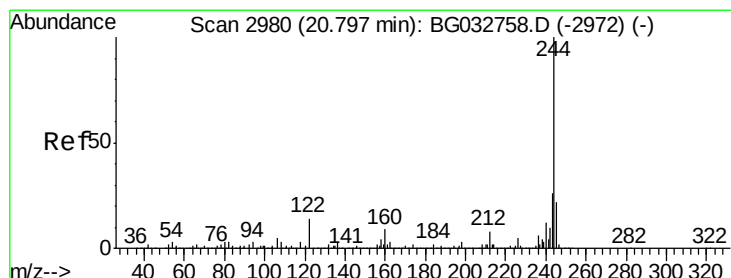
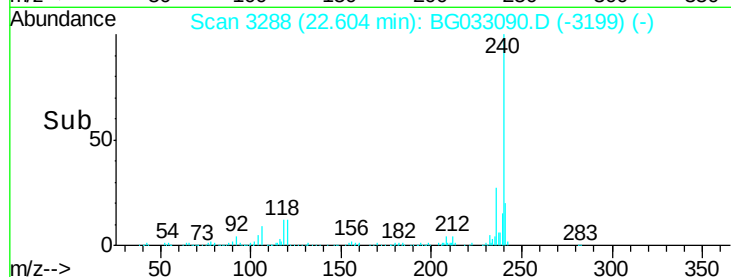
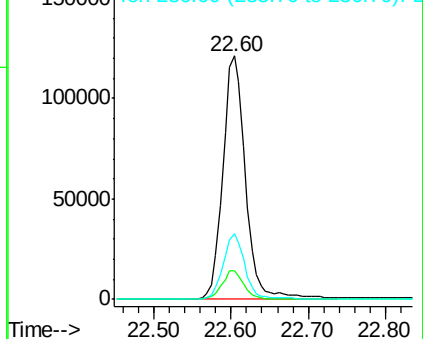
236 27.2 20.9 31.3



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: 97.328 ng

RT: 20.76 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG033090.D

Acq: 12 Mar 2018 15:32

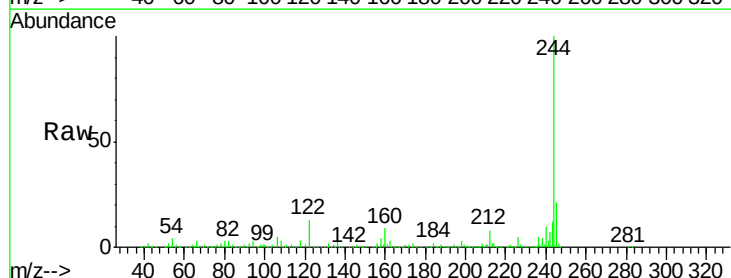
Tgt Ion:244 Resp: 1076630

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

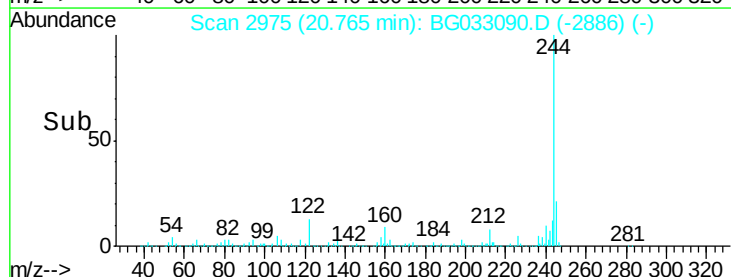
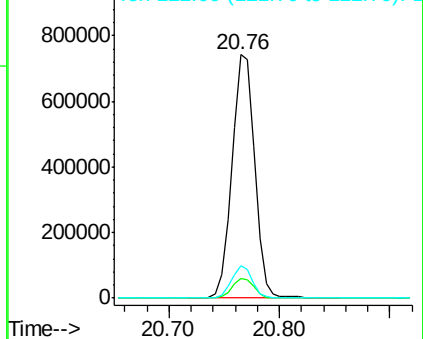
122 13.1 7.0 10.4#

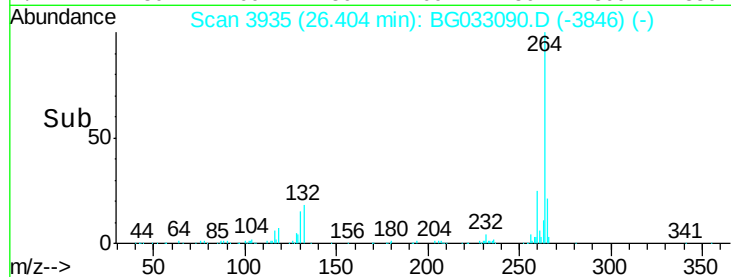
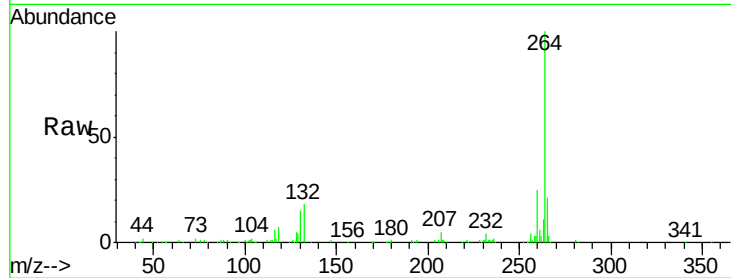
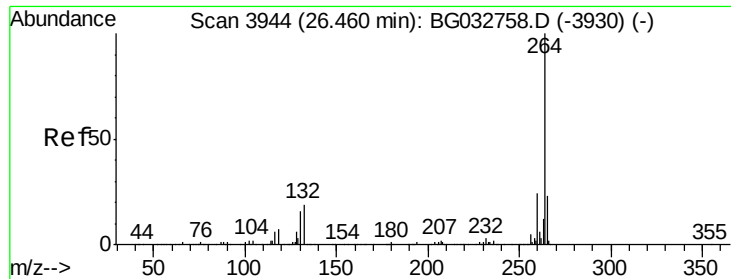


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3935

Delta R.T. -0.00 min

Lab File: BG033090.D

Acq: 12 Mar 2018 15:32

Instrument :

BNA_G

ClientSampleId :

030818-TIDO-F-U-S

Tot Ion:264 Resp: 251092

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 20.6 17.7 26.5

