

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033087.D
 Acq On : 12 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1868-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 030818-TIDO-F-D-B

Quant Time: Mar 12 15:45:52 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	39454	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	178957	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	101072	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	238269	20.00	ng	0.00
75) Chrysene-d12	22.60	240	233860	20.00	ng	0.00
86) Perylene-d12	26.40	264	233889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	104401	42.33	ng	0.00
7) Phenol-d6	8.00	99	86384	25.13	ng	0.00
23) Nitrobenzene-d5	10.10	82	306222	114.81	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	113192	106.51	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	665429	94.95	ng	0.00
78) Terphenyl-d14	20.77	244	1013263	97.35	ng	0.00

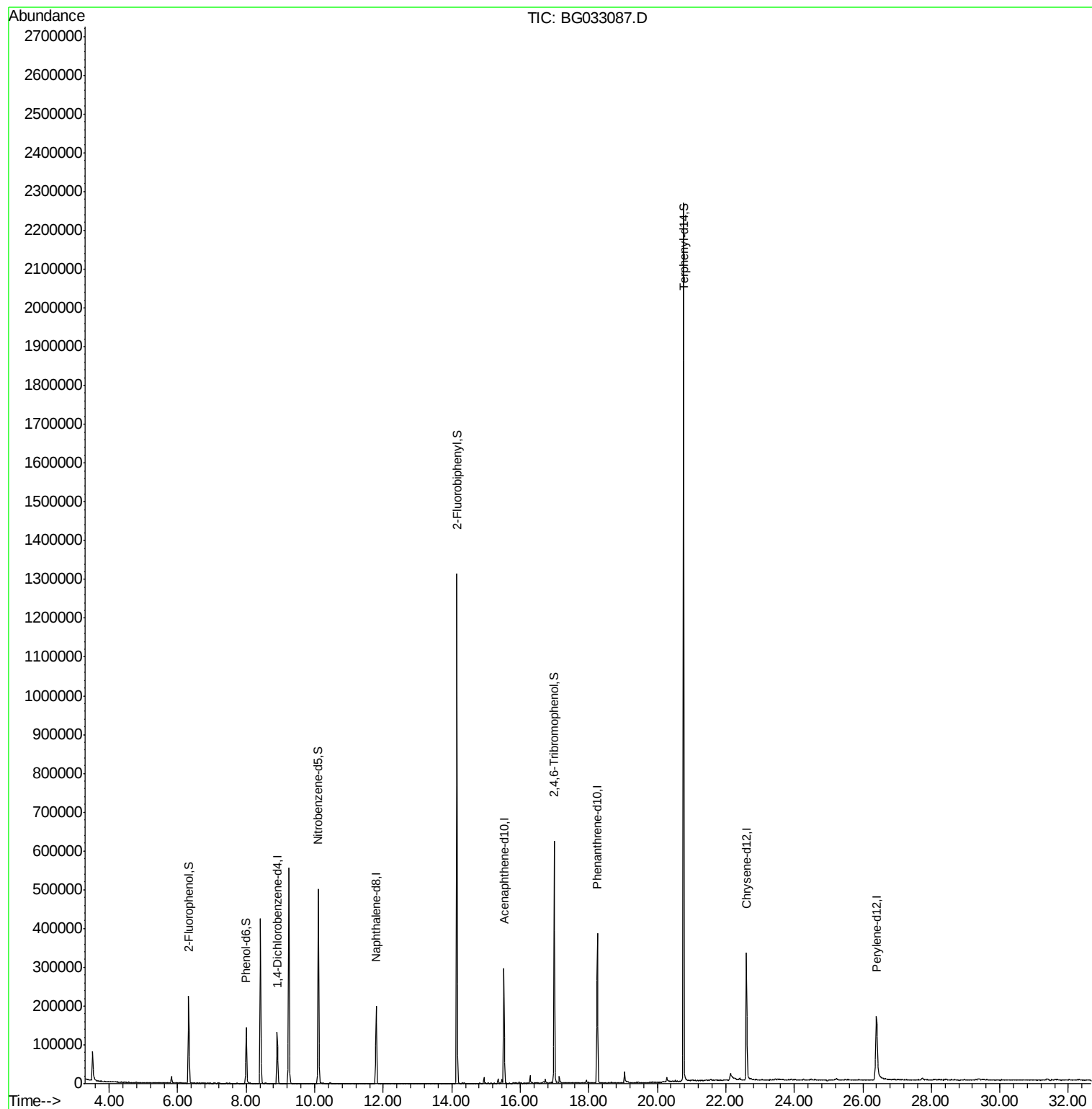
Target Compounds Qvalue

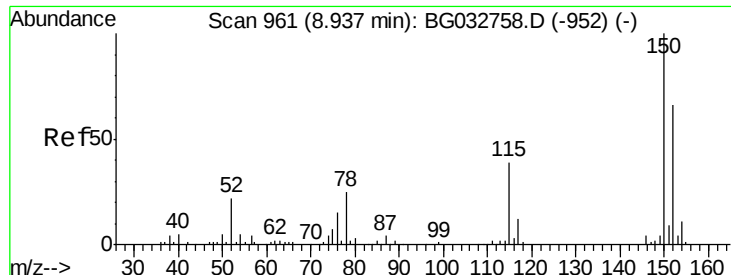
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG033087.D

Acq: 12 Mar 2018 13:38

Instrument :

BNA_G

ClientSampleId :

030818-TIDO-F-D-B

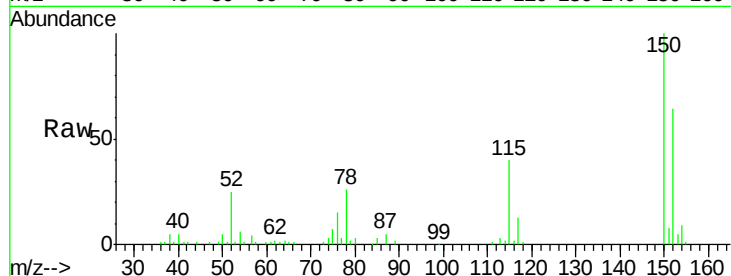
Tot Ion:152 Resp: 39454

Ion Ratio Lower Upper

152 100

150 157.4 126.6 189.8

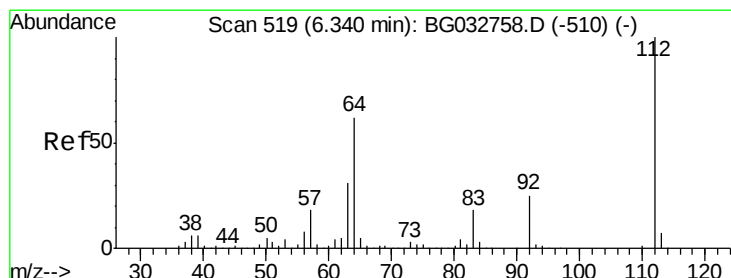
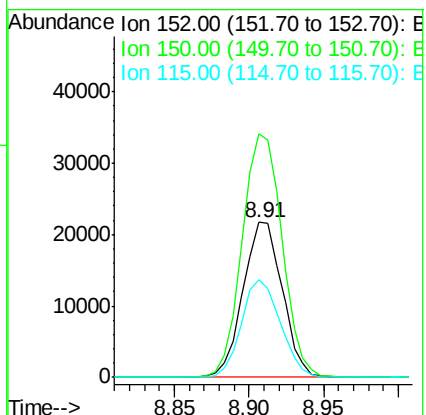
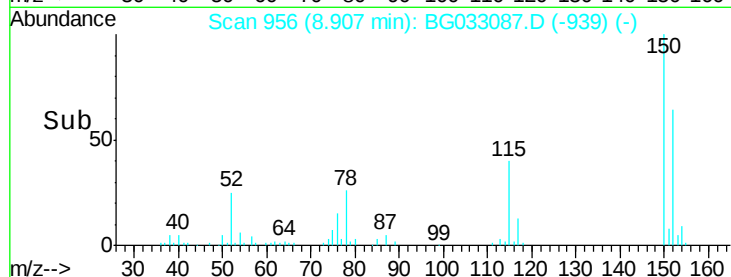
115 63.2 53.0 79.4



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: 42.334 ng

RT: 6.32 min Scan# 516

Delta R.T. -0.00 min

Lab File: BG033087.D

Acq: 12 Mar 2018 13:38

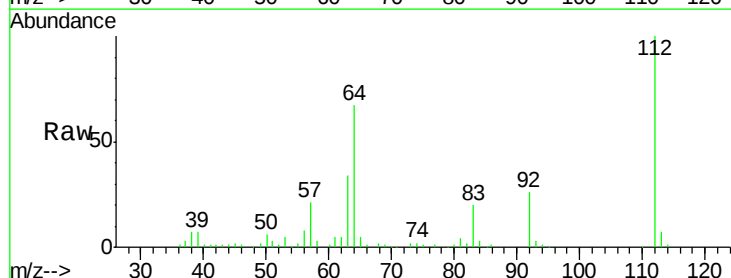
Tgt Ion:112 Resp: 104401

Ion Ratio Lower Upper

112 100

64 66.7 56.3 84.5

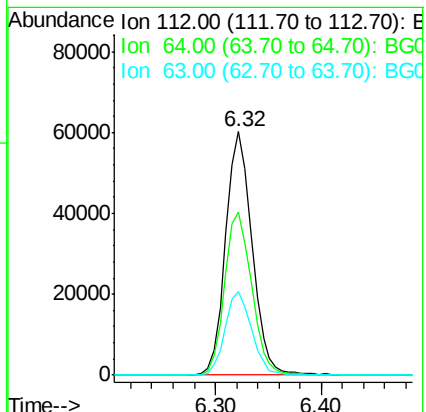
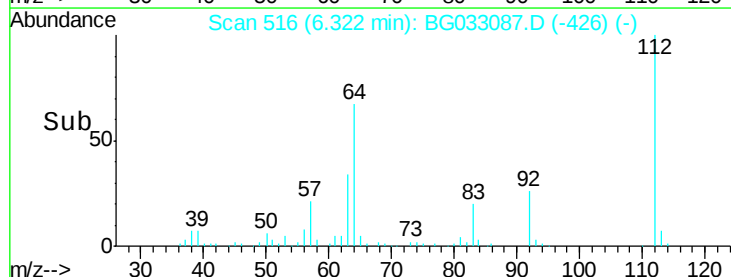
63 34.3 30.1 45.1



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: 25.131 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG033087.D

Acq: 12 Mar 2018 13:38

Instrument :

BNA_G

ClientSampleId :

030818-TIDO-F-D-B

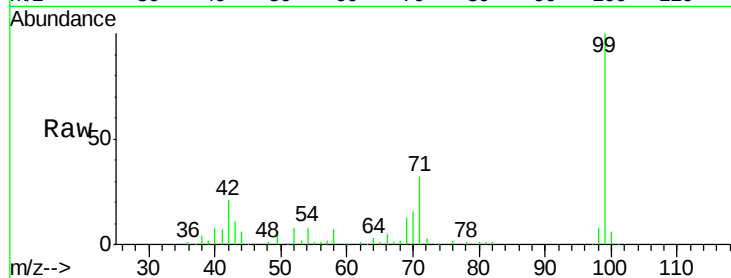
Tot Ion: 99 Resp: 86384

Ion Ratio Lower Upper

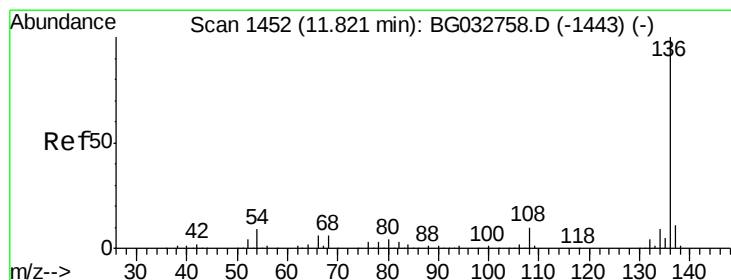
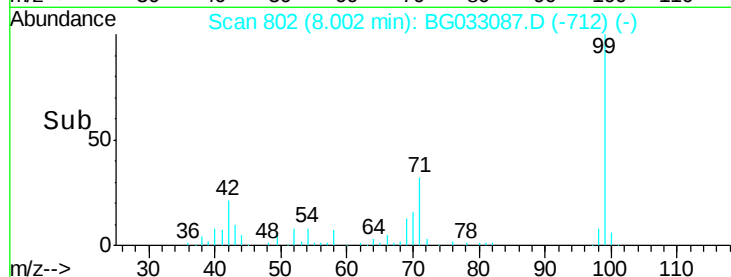
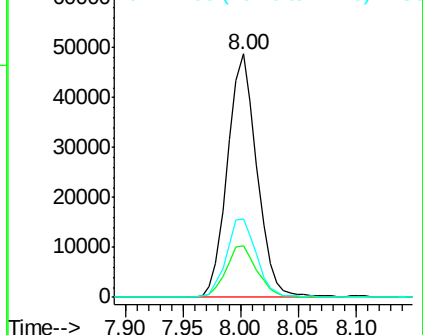
99 100

42 21.4 14.1 21.1#

71 32.3 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# 1447

Delta R.T. -0.01 min

Lab File: BG033087.D

Acq: 12 Mar 2018 13:38

Tgt Ion: 136 Resp: 178957

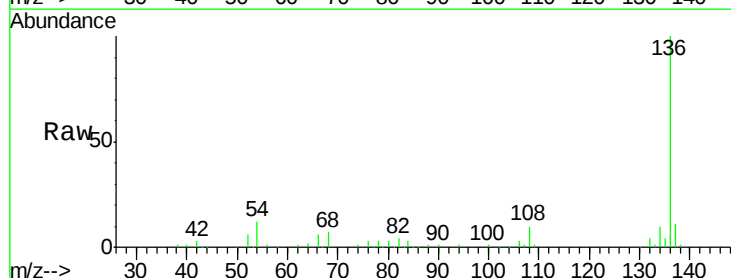
Ion Ratio Lower Upper

136 100

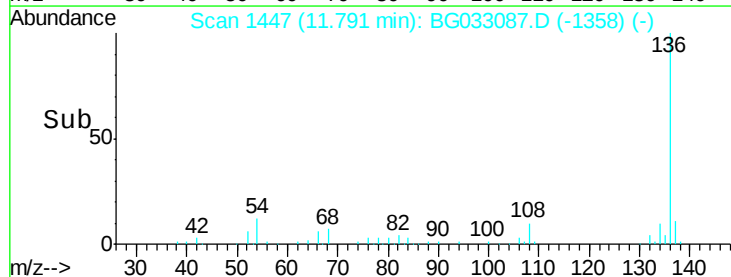
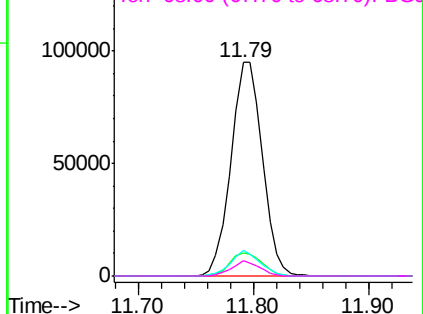
137 10.6 9.2 13.8

54 11.8 10.3 15.5

68 7.0 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

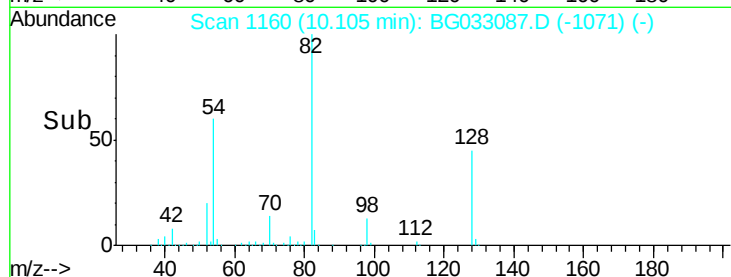
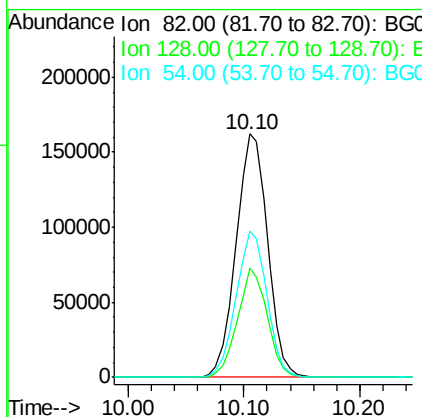
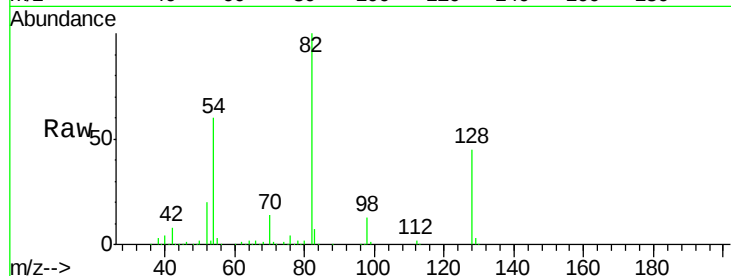




#23
 Nitrobenzene-d5
 Concen: 114.810 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BG033087.D
 Acq: 12 Mar 2018 13:38

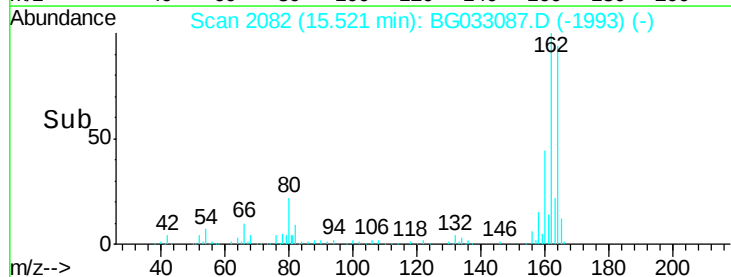
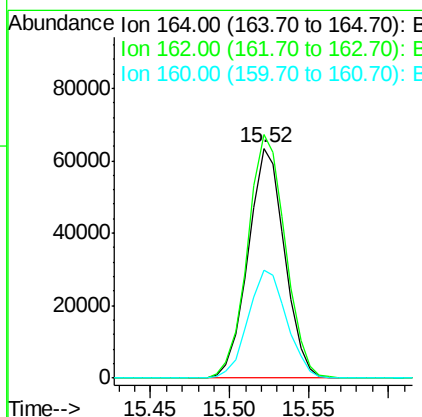
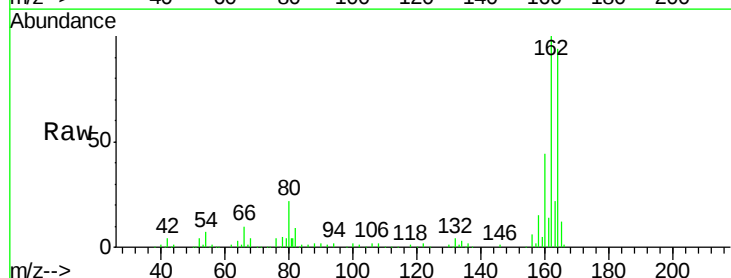
Instrument :
 BNA_G
 ClientSampleId :
 030818-TIDO-F-D-B

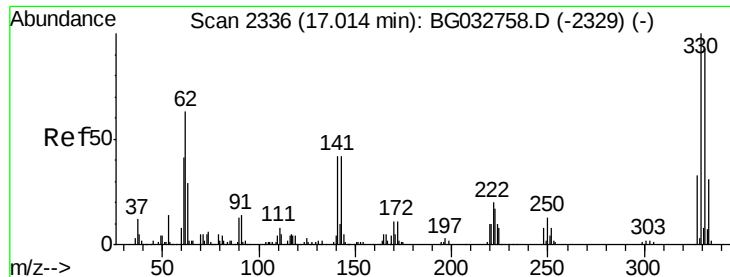
Tot Ion: 82 Resp: 306222
 Ion Ratio Lower Upper
 82 100
 128 44.6 29.7 44.5#
 54 60.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.01 min
 Lab File: BG033087.D
 Acq: 12 Mar 2018 13:38

Tgt Ion: 164 Resp: 101072
 Ion Ratio Lower Upper
 164 100
 162 106.1 78.8 118.2
 160 46.9 35.4 53.0

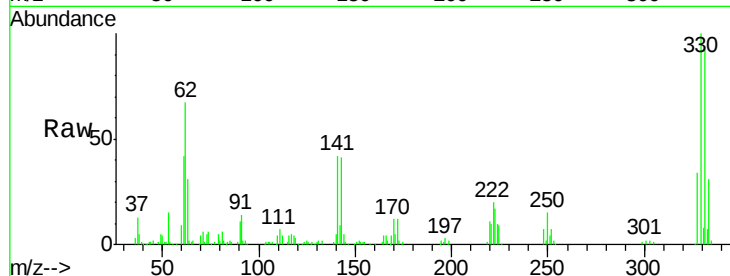




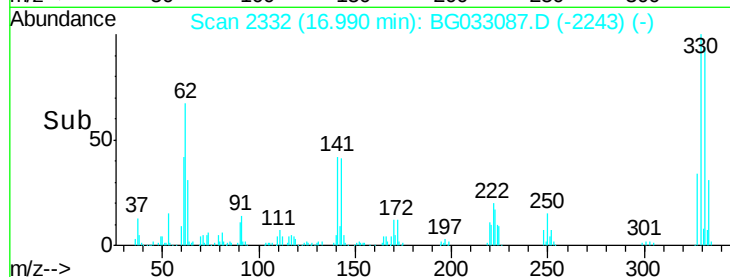
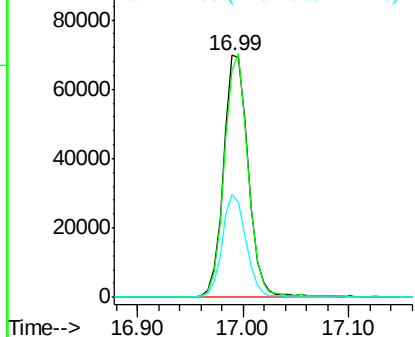
#41
 2,4,6-Tribromophenol
 Concen: 106.510 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.01 min
 Lab File: BG033087.D
 Acq: 12 Mar 2018 13:38

Instrument :
 BNA_G
 ClientSampleId :
 030818-TIDO-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	41.3	25.2	37.8#

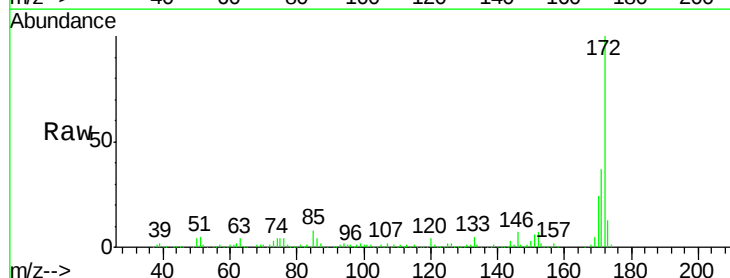


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

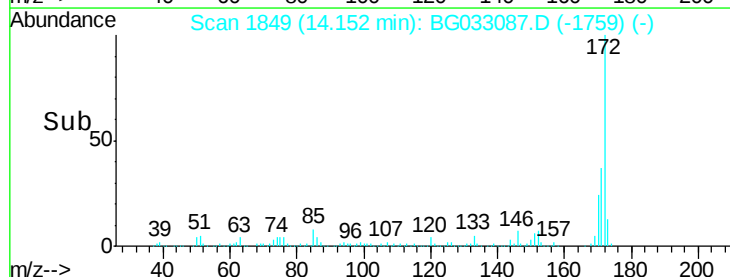
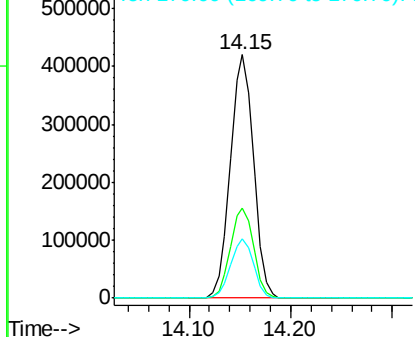


#44
 2-Fluorobiphenyl
 Concen: 94.954 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033087.D
 Acq: 12 Mar 2018 13:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.5	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

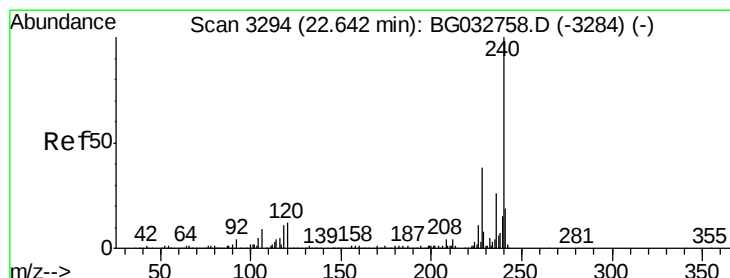
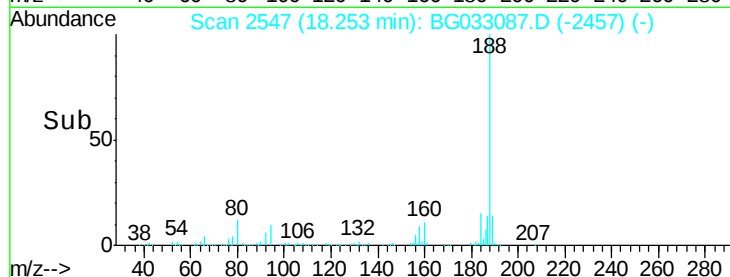
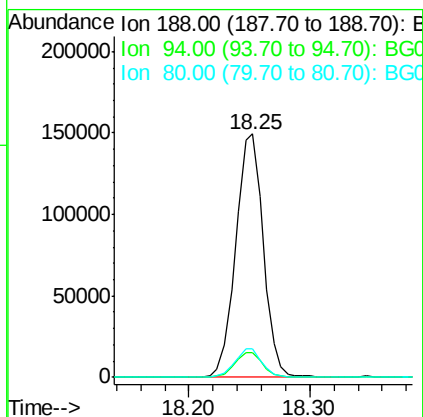
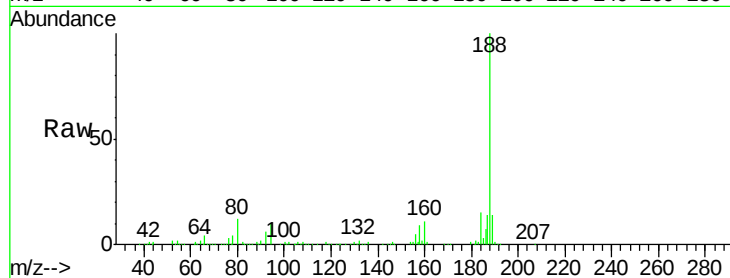




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033087.D
Acq: 12 Mar 2018 13:38

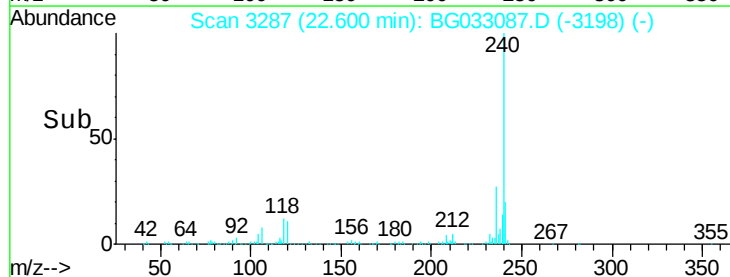
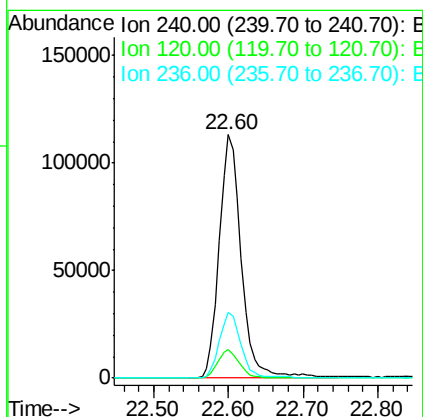
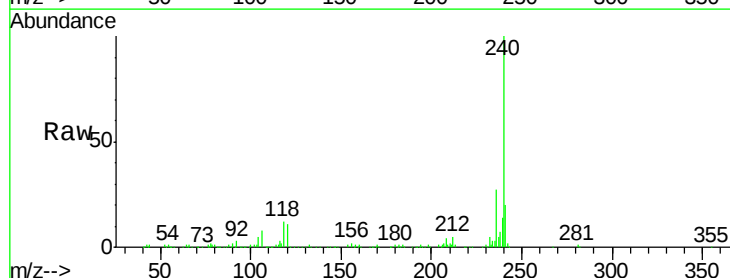
Instrument :
BNA_G
ClientSampleId :
030818-TIDO-F-D-B

Tot Ion:188 Resp: 238269
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 11.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3287
Delta R.T. -0.01 min
Lab File: BG033087.D
Acq: 12 Mar 2018 13:38

Tgt Ion:240 Resp: 233860
Ion Ratio Lower Upper
240 100
120 11.5 6.8 10.2#
236 26.8 20.9 31.3





#78

Terphenyl-d14

Concen: 97.346 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG033087.D

Acq: 12 Mar 2018 13:38

Instrument :

BNA_G

ClientSampleId :

030818-TIDO-F-D-B

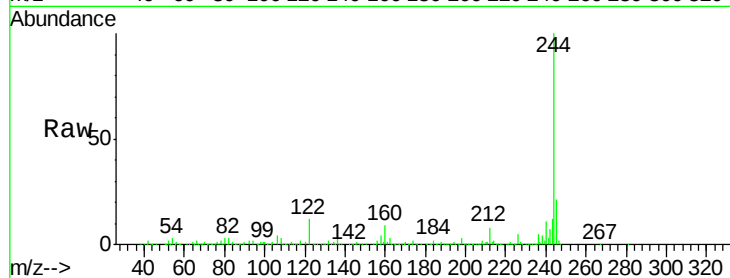
Tot Ion:244 Resp: 1013263

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

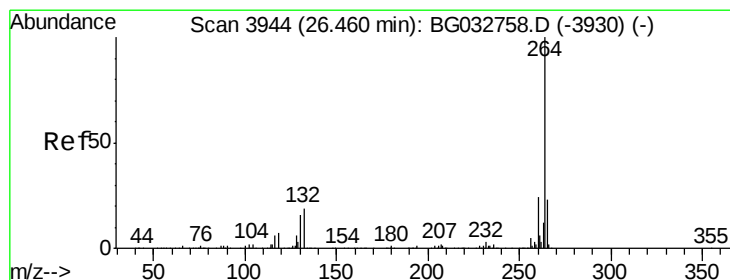
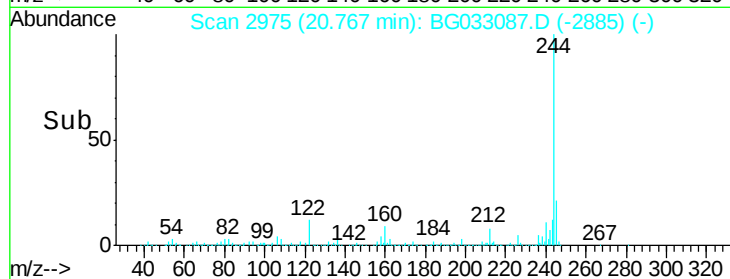
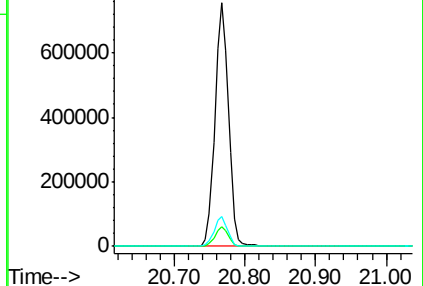
122 12.2 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BG033087.D

Acq: 12 Mar 2018 13:38

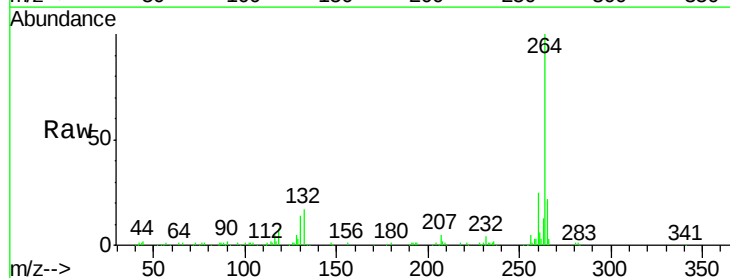
Tgt Ion:264 Resp: 233889

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 21.9 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

