

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031792.D
 Acq On : 27 Dec 2017 10:53
 Operator : SJ/JU
 Sample : I7009-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121917-TIDO-F-U-S

Quant Time: Dec 27 11:27:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	44110	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	181285	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	134462	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	375020	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	461430	20.00	ng	-0.06
86) Perylene-d12	26.25	264	485446	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	42792	17.67	ng	-0.02
7) Phenol-d6	7.90	99	33523	10.66	ng	-0.03
23) Nitrobenzene-d5	10.00	82	99055	41.26	ng	-0.03
41) 2,4,6-Tribromophenol	16.90	330	90852	44.28	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	430630	40.20	ng	-0.03
78) Terphenyl-d14	20.70	244	874541	43.30	ng	-0.04

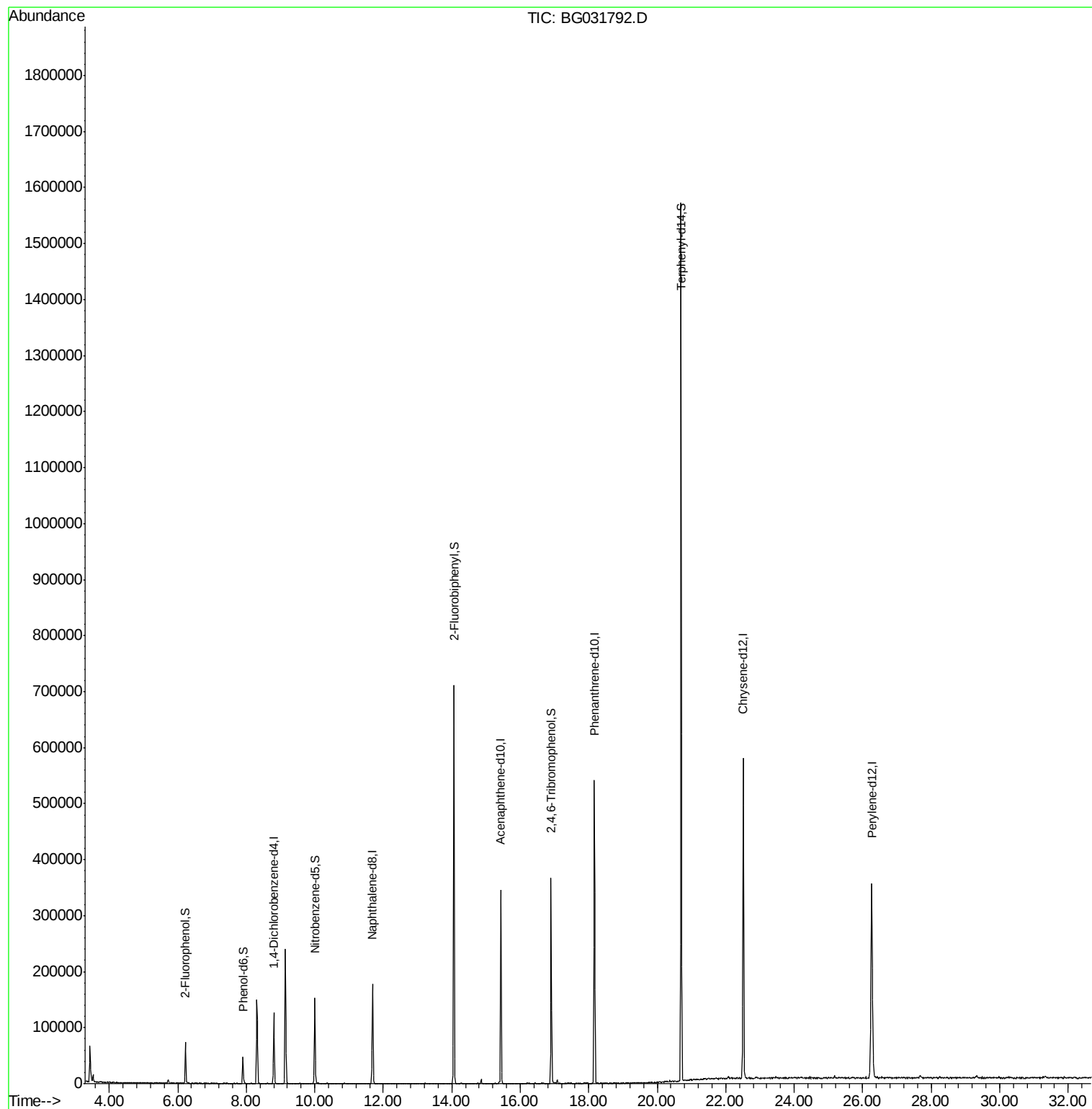
Target Compounds Qvalue

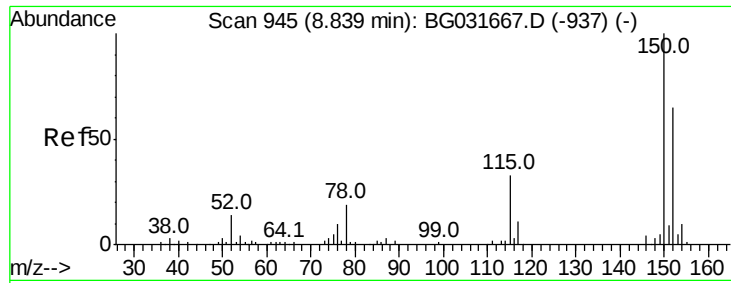
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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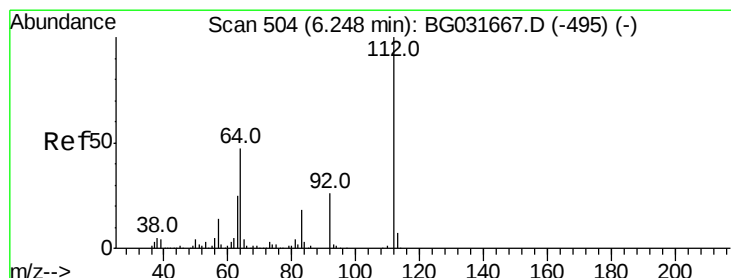
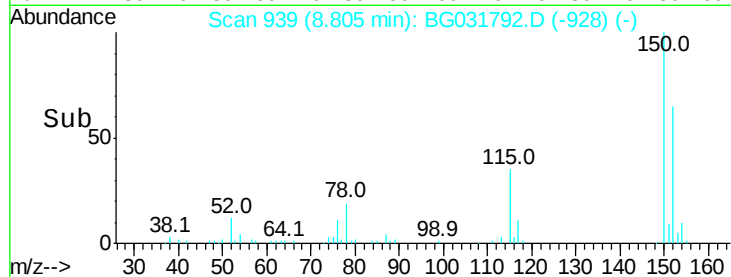
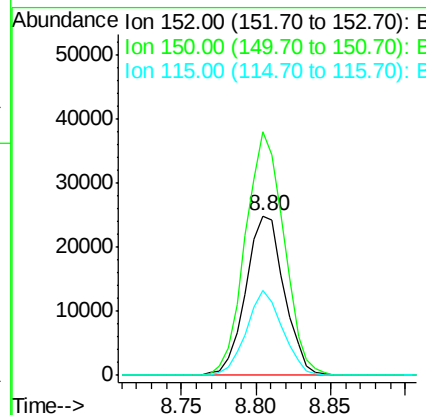
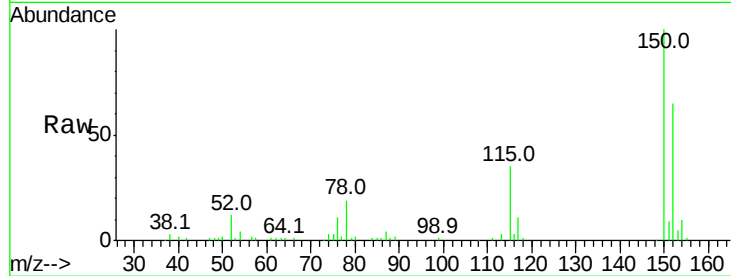


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.80 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BG031792.D
 Acq: 27 Dec 2017 10:53

Instrument :
 BNA_G
 ClientSampleId :
 121917-TIDO-F-U-S

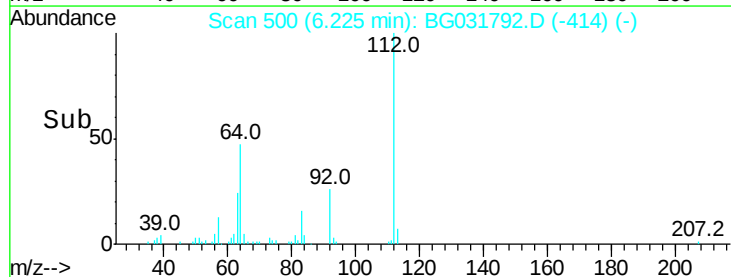
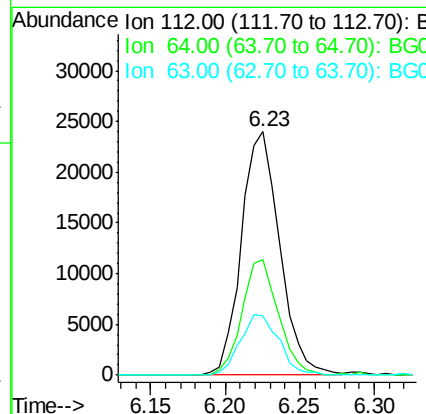
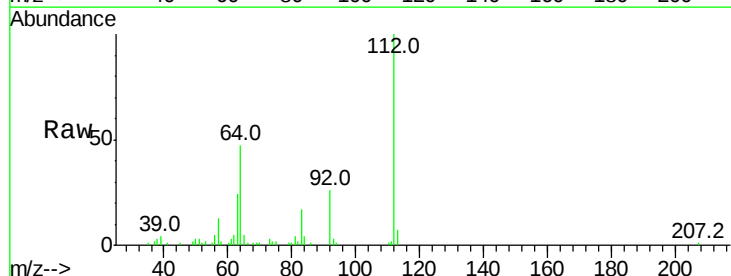
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.6	189.8
115	53.2	53.0	79.4



#5

2-Fluorophenol
 Concen: 17.670 ng
 RT: 6.23 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BG031792.D
 Acq: 27 Dec 2017 10:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.2	56.3	84.5#
63	24.3	30.1	45.1#





#7

Phenol-d6

Concen: 10.662 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031792.D

Acq: 27 Dec 2017 10:53

Instrument :

BNA_G

ClientSampleId :

121917-TIDO-F-U-S

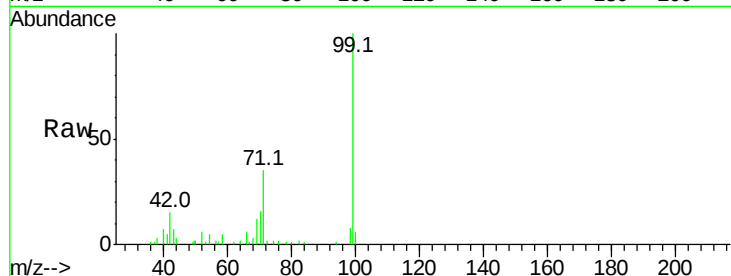
Tot Ion: 99 Resp: 33523

Ion Ratio Lower Upper

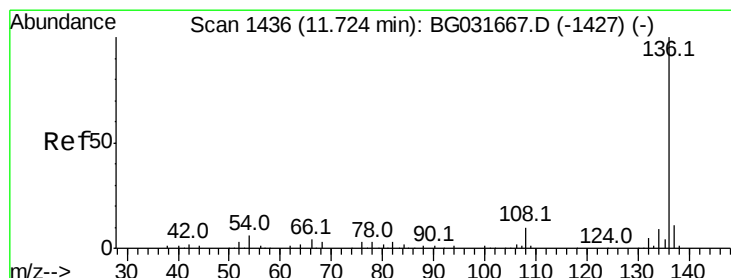
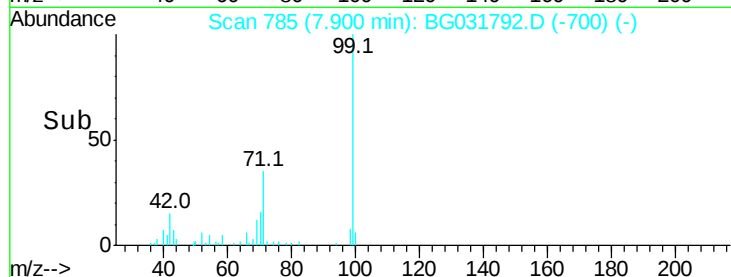
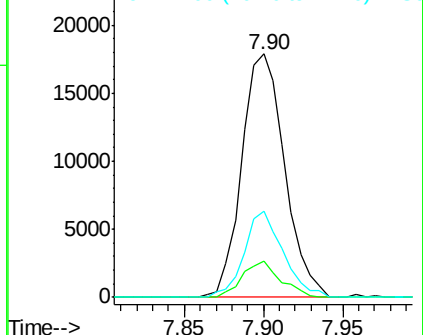
99 100

42 14.8 14.1 21.1

71 35.1 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: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031792.D

Acq: 27 Dec 2017 10:53

Tgt Ion: 136 Resp: 181285

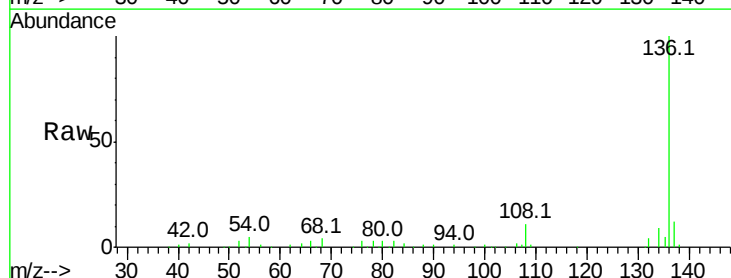
Ion Ratio Lower Upper

136 100

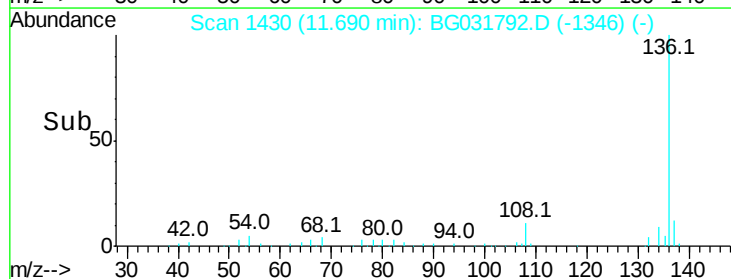
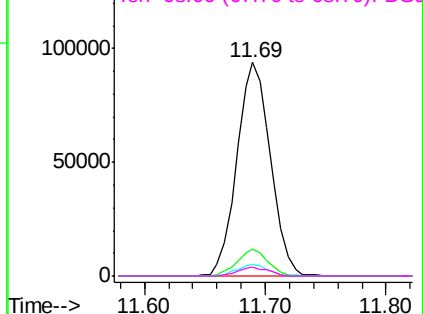
137 12.4 9.2 13.8

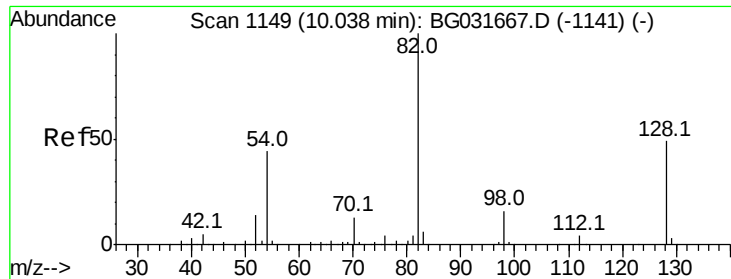
54 5.1 10.3 15.5#

68 4.4 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

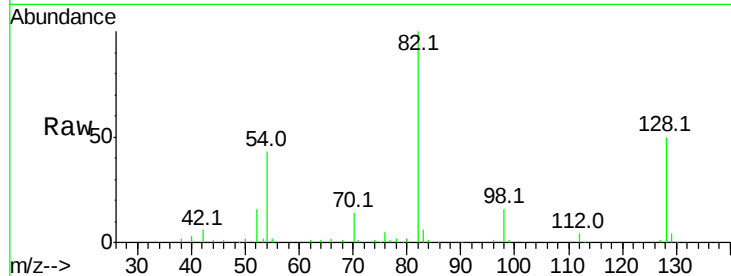




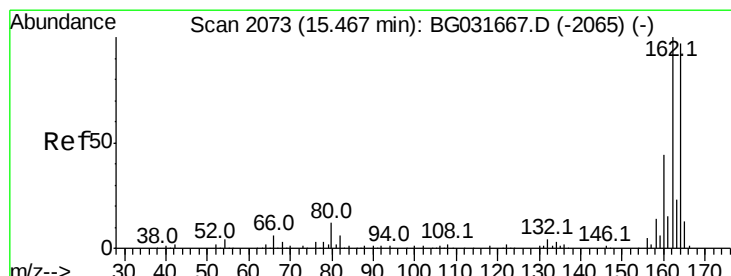
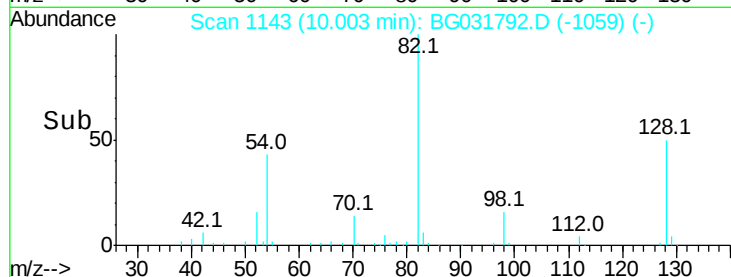
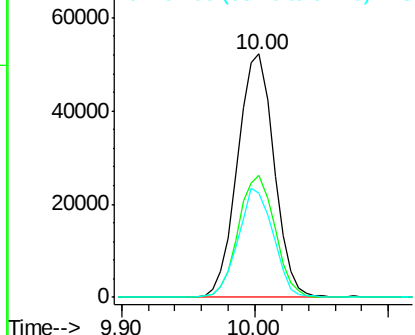
#23
Nitrobenzene-d5
Concen: 41.260 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BG031792.D
Acq: 27 Dec 2017 10:53

Instrument :
BNA_G
ClientSampleId :
121917-TIDO-F-U-S

Tot Ion: 82 Resp: 99055
Ion Ratio Lower Upper
82 100
128 50.2 29.7 44.5#
54 42.6 43.1 64.7#

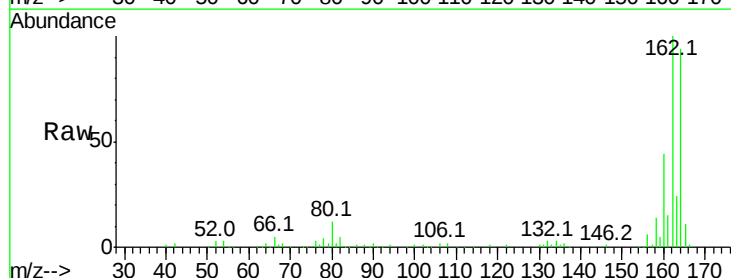


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

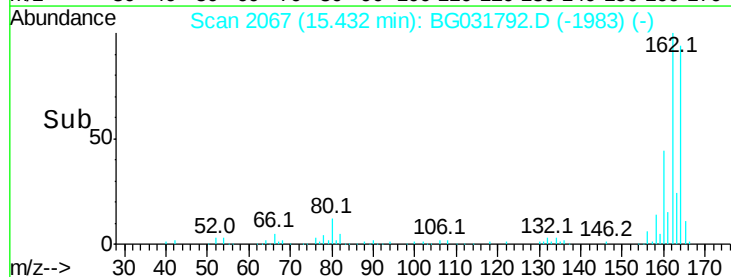
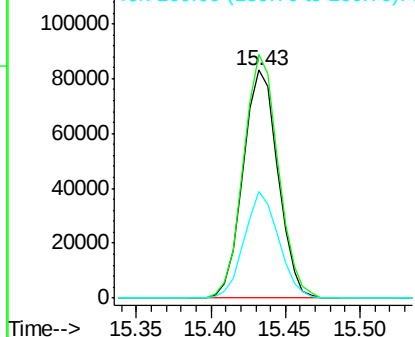


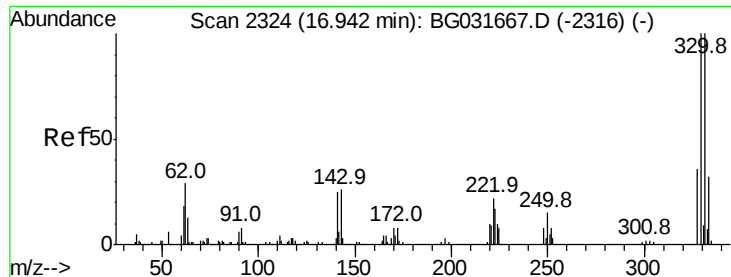
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031792.D
Acq: 27 Dec 2017 10:53

Tgt Ion:164 Resp: 134462
Ion Ratio Lower Upper
164 100
162 106.9 78.8 118.2
160 46.8 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

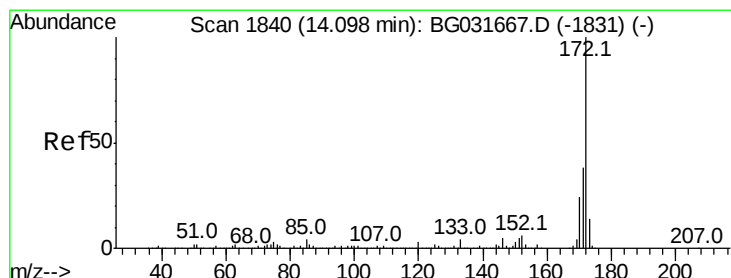
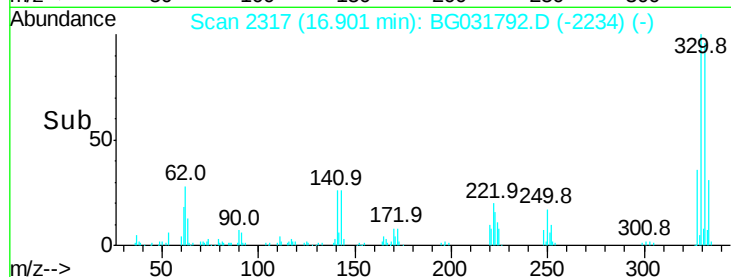
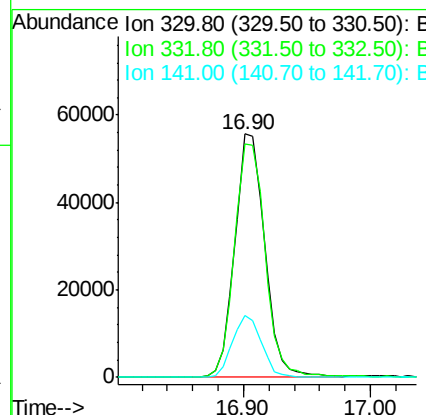
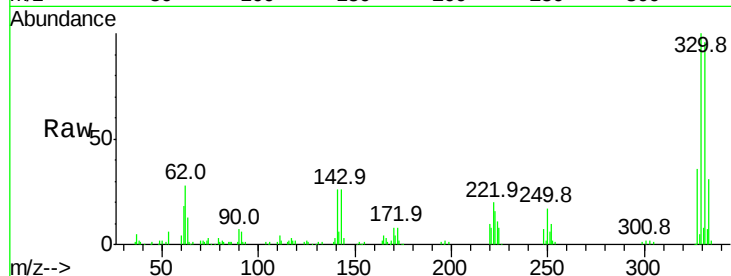




#41
 2,4,6-Tribromophenol
 Concen: 44.281 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. -0.04 min
 Lab File: BG031792.D
 Acq: 27 Dec 2017 10:53

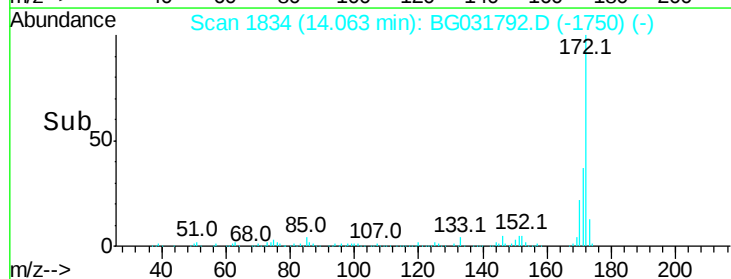
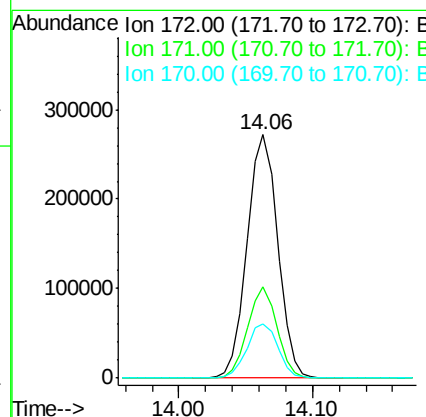
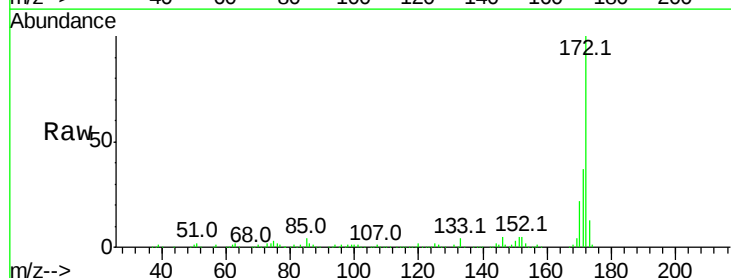
Instrument :
 BNA_G
 ClientSampleId :
 121917-TIDO-F-U-S

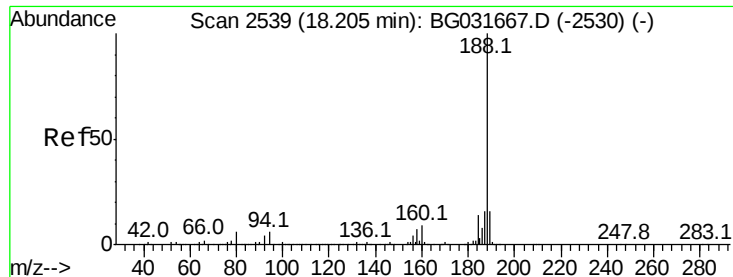
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	24.7	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 40.197 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031792.D
 Acq: 27 Dec 2017 10:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	22.2	19.5	29.3

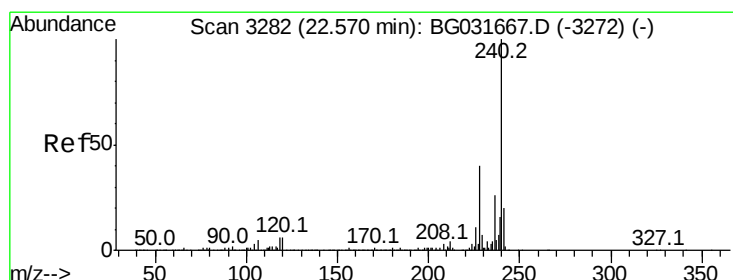
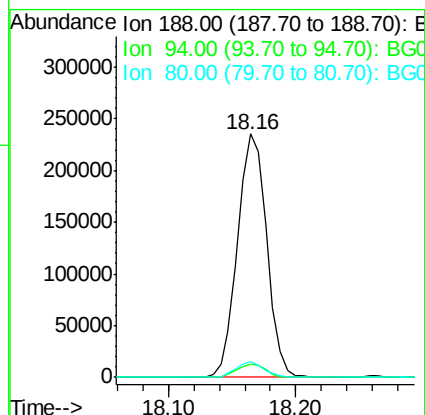
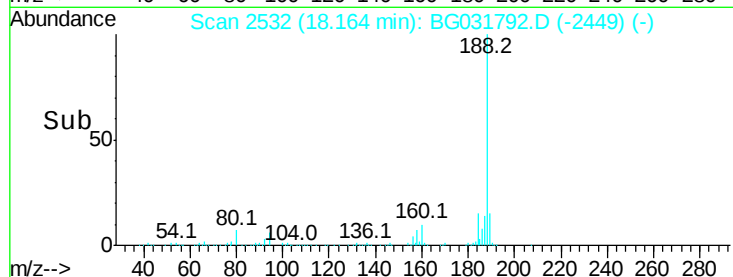
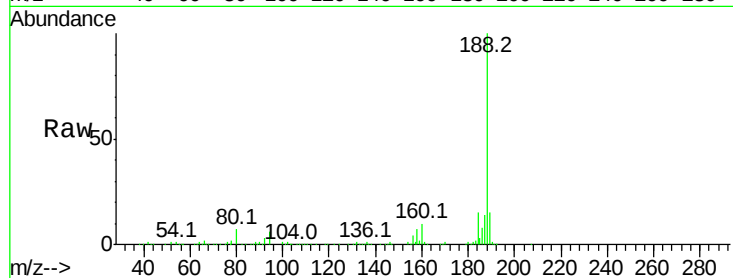




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031792.D
Acq: 27 Dec 2017 10:53

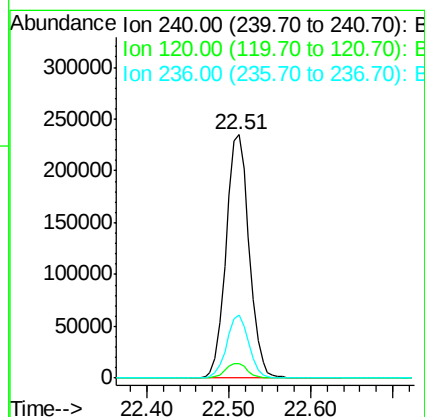
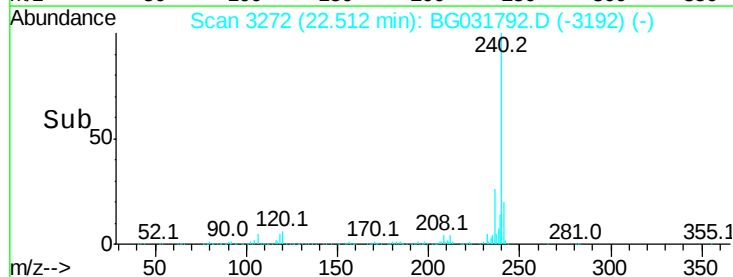
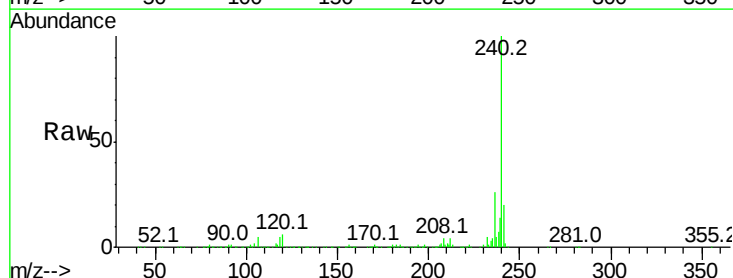
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BNA_G
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121917-TIDO-F-U-S

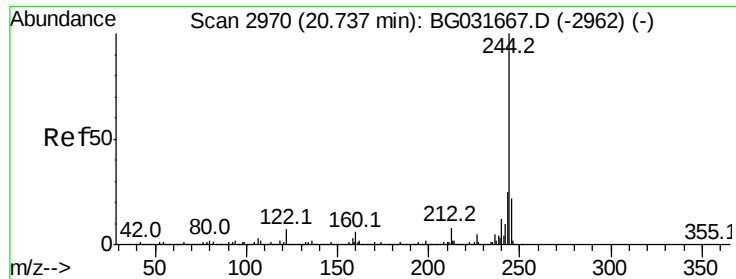
Tot Ion:188 Resp: 375020
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 6.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031792.D
Acq: 27 Dec 2017 10:53

Tgt Ion:240 Resp: 461430
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 43.301 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031792.D

Acq: 27 Dec 2017 10:53

Instrument :

BNA_G

ClientSampleId :

121917-TIDO-F-U-S

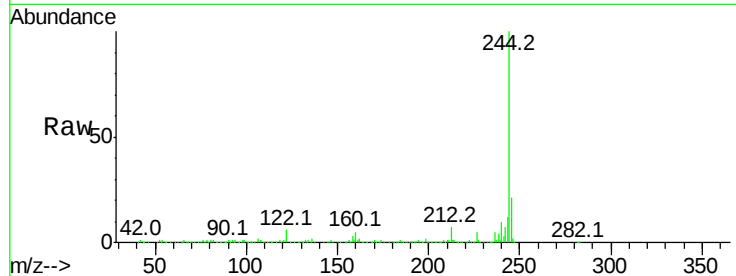
Tot Ion:244 Resp: 874541

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

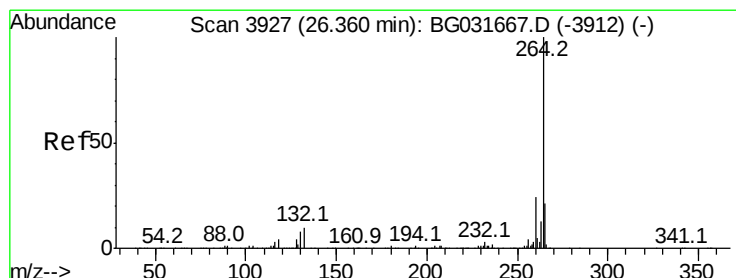
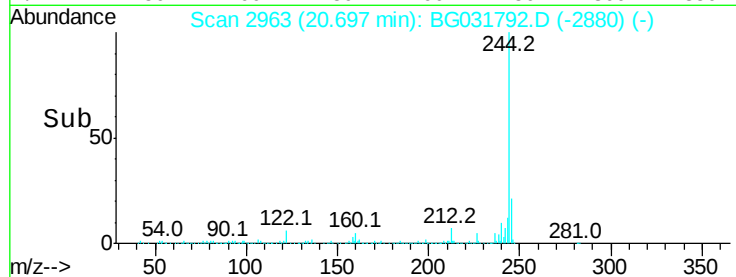
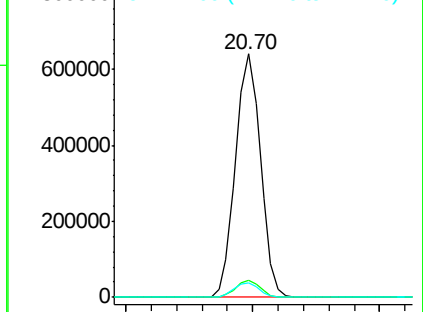
122 6.1 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.25 min Scan# 3909

Delta R.T. -0.11 min

Lab File: BG031792.D

Acq: 27 Dec 2017 10:53

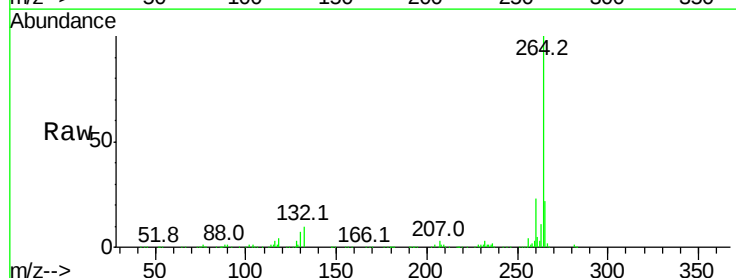
Tgt Ion:264 Resp: 485446

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.6 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

