

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
 Data File : BG033859.D
 Acq On : 18 Apr 2018 00:07
 Operator : SJ/JU
 Sample : PB108313TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108313TB

Manual Integrations
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Sohil
 4/18/2018 3:04:04 PM

Quant Time: Apr 18 11:19:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 18:35:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.84	152	25904m	20.00	ng	0.00
21) Naphthalene-d8	11.72	136	119892	20.00	ng	0.00
38) Acenaphthene-d10	15.44	164	97199	20.00	ng	0.00
63) Phenanthrene-d10	18.18	188	298084	20.00	ng	0.00
75) Chrysene-d12	22.52	240	297111	20.00	ng	-0.02
86) Perylene-d12	26.27	264	326426	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.26	112	200254	144.96	ng	0.00
7) Phenol-d6	7.96	99	324130m	136.55	ng	0.00
23) Nitrobenzene-d5	10.04	82	206457	79.12	ng	0.00
41) 2,4,6-Tribromophenol	16.92	330	197867	136.11	ng	0.00
44) 2-Fluorobiphenyl	14.07	172	616053	91.50	ng	0.00
78) Terphenyl-d14	20.70	244	1276577	91.89	ng	0.00

Target Compounds Qvalue

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

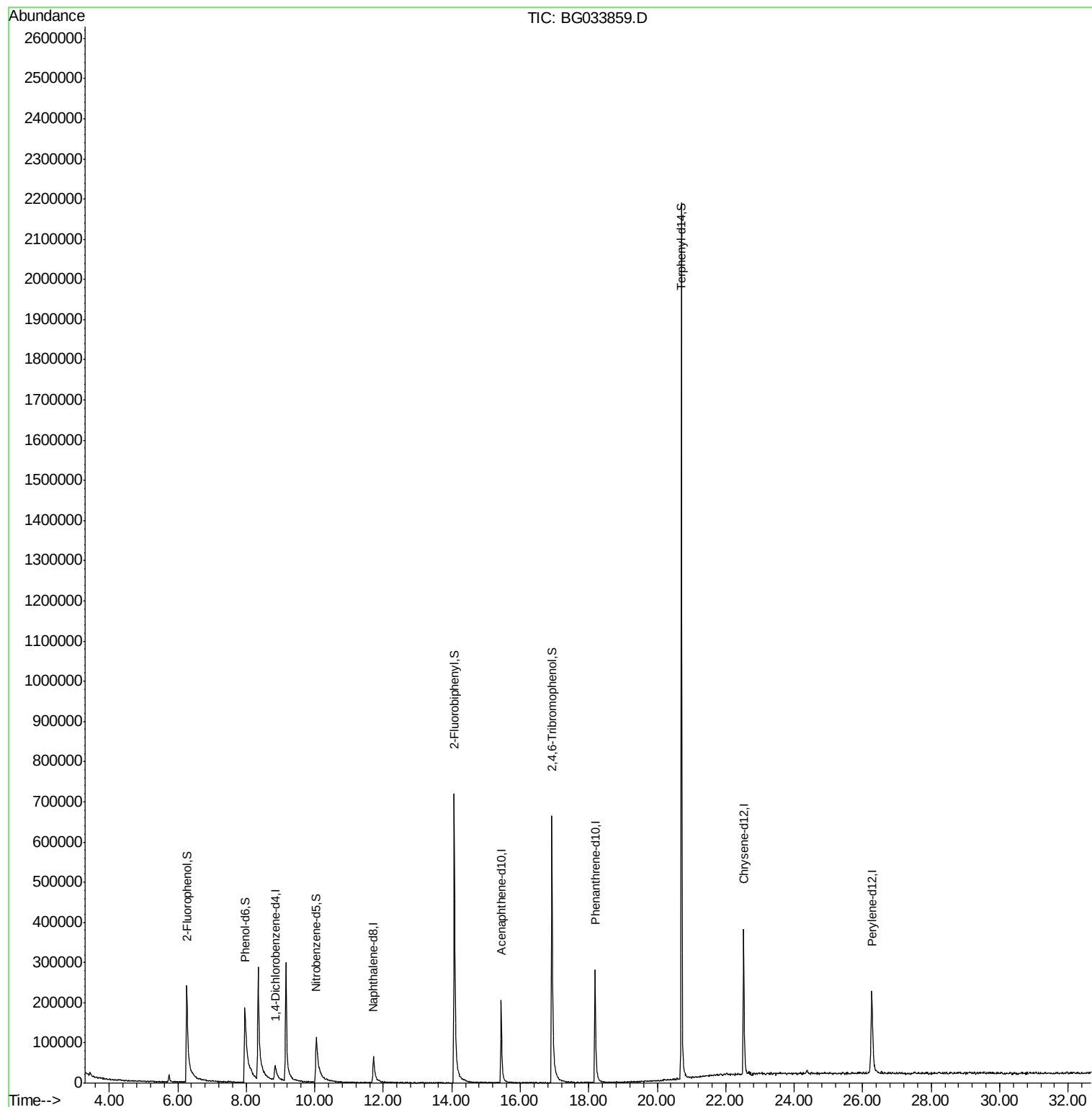
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
Data File : BG033859.D
Acq On : 18 Apr 2018 00:07
Operator : SJ/JU
Sample : PB108313TB
Misc :
ALS Vial : 15 Sample Multiplier: 1

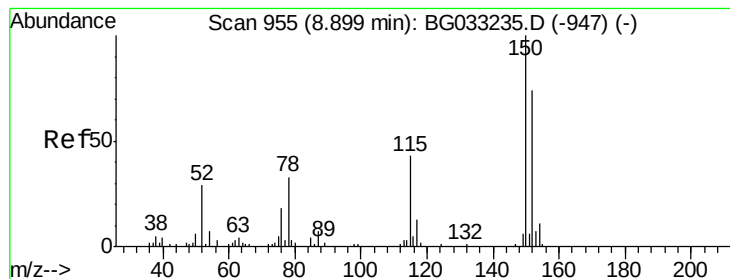
Instrument :
BNA_G
ClientSampleId :
PB108313TB

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#1

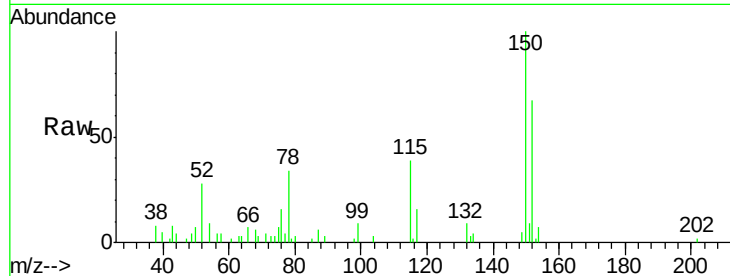
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 8.84 min Scan# 945
Delta R.T. 0.01 min
Lab File: BG033859.D
Acq: 18 Apr 2018 00:07

Instrument :
BNA_G
ClientSampleId :
PB108313TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	126.6	189.8
115	57.7	53.0	79.4

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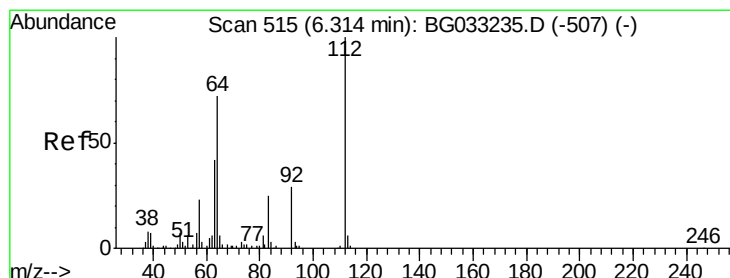
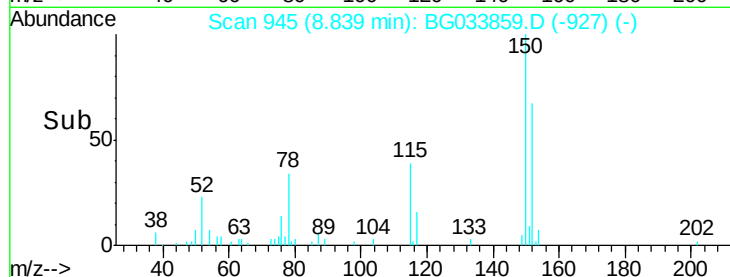
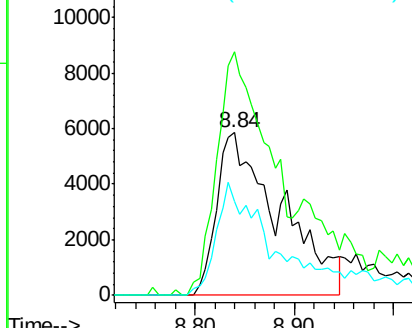


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

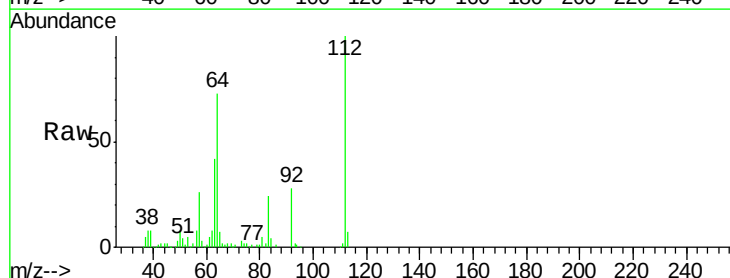
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 144.958 ng
RT: 6.26 min Scan# 506
Delta R.T. -0.00 min
Lab File: BG033859.D
Acq: 18 Apr 2018 00:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	56.3	84.5
63	41.8	30.1	45.1

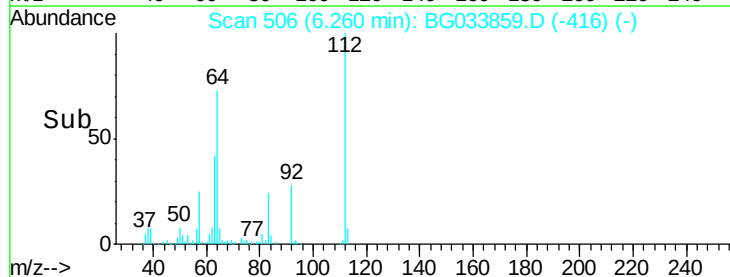
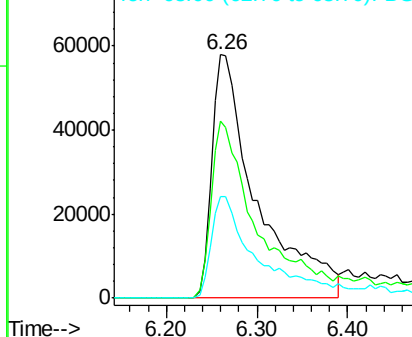


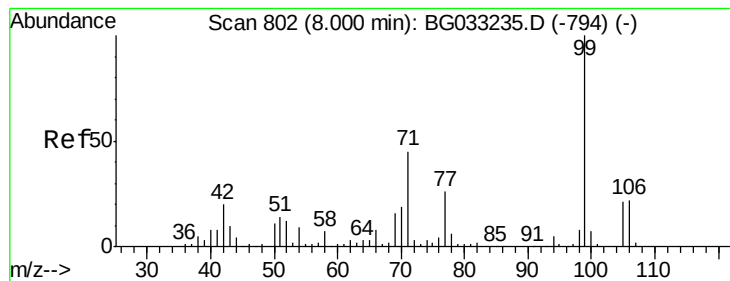
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 136.555 ng/mL

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG033859.D

Acq: 18 Apr 2018 00:07

Instrument :

BNA_G

ClientSampleID :

PB108313TB

Tot Ion: 99 Resp: 324130

Ion Ratio Lower Upper

99 100

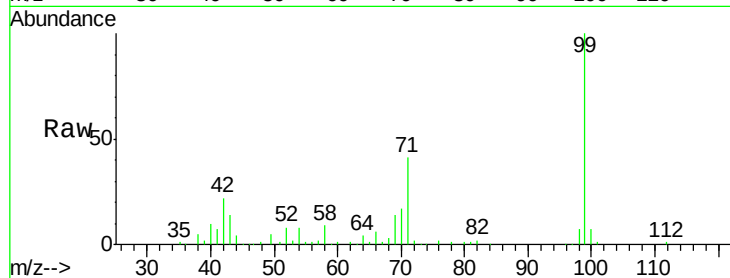
42 21.9 14.1 21.1#

71 41.0 26.1 39.1#

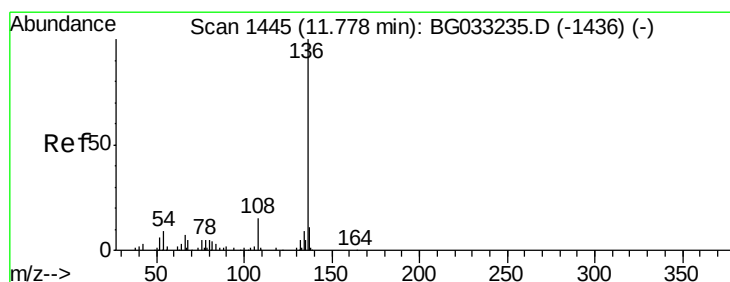
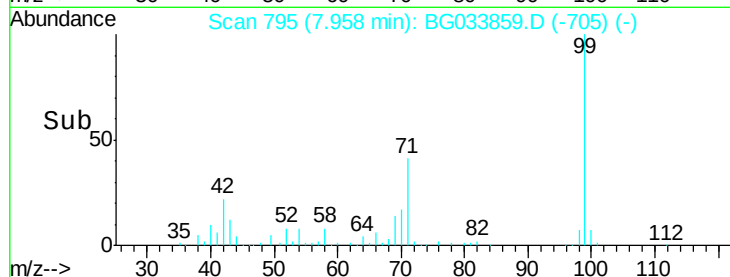
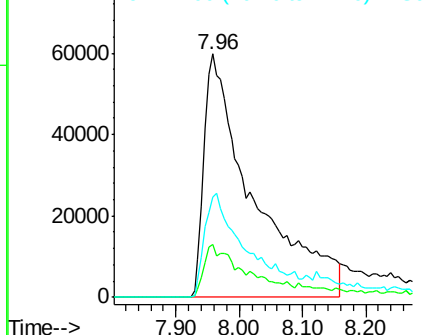
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.72 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BG033859.D

Acq: 18 Apr 2018 00:07

Tgt Ion: 136 Resp: 119892

Ion Ratio Lower Upper

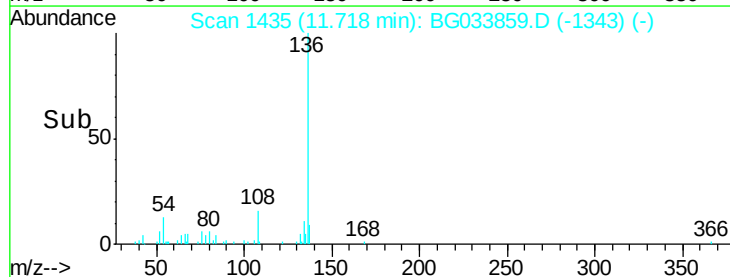
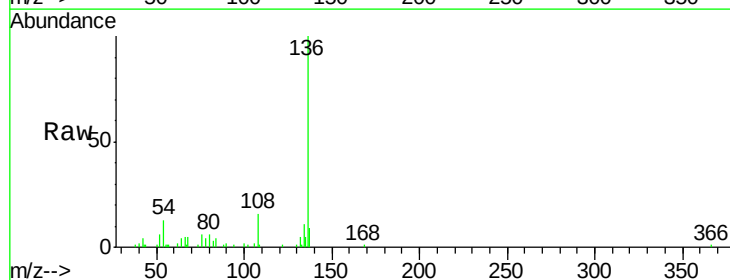
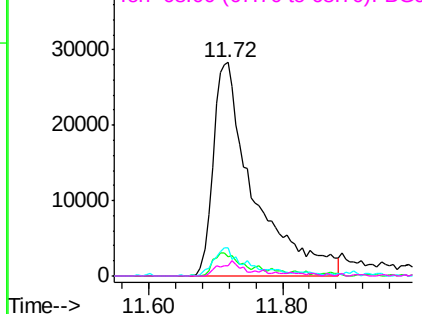
136 100

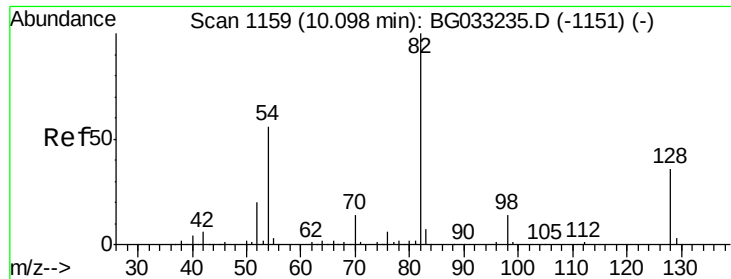
137 8.9 9.2 13.8#

54 12.9 10.3 15.5

68 4.7 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





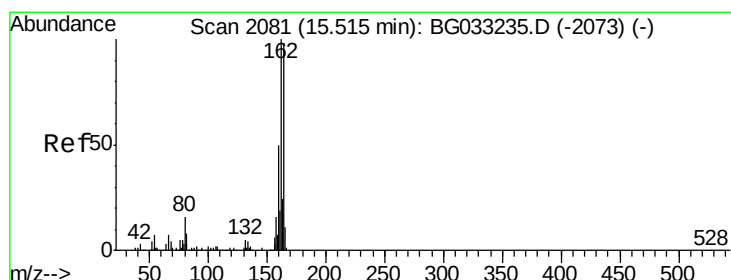
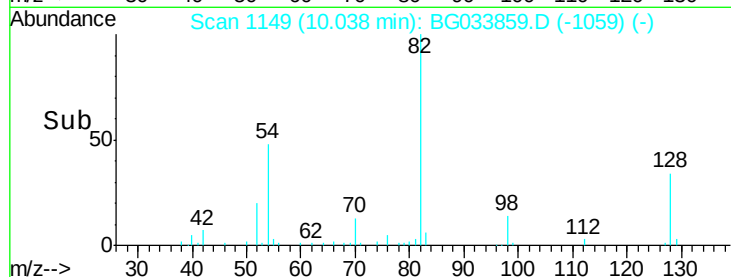
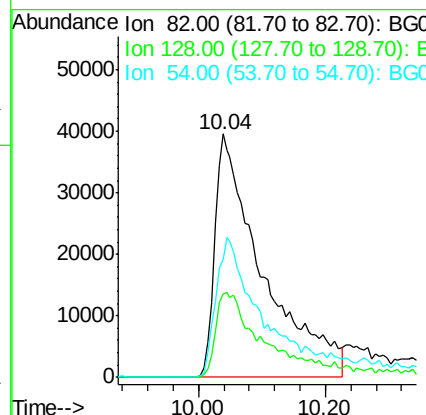
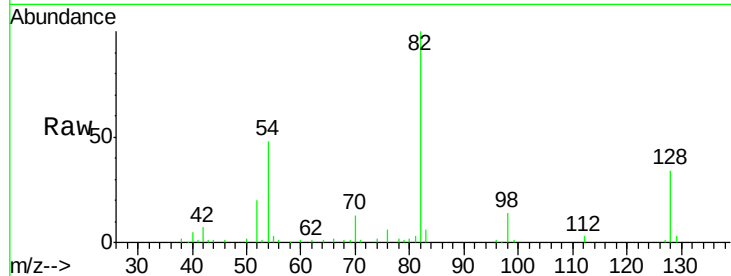
#23
Nitrobenzene-d5
Concen: 79.117 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG033859.D
Acq: 18 Apr 2018 00:07

Instrument :
BNA_G
ClientSampled :
PB108313TB

Tot Ion	82	Resp	206457
Ion Ratio	100	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	48.3	43.1	64.7

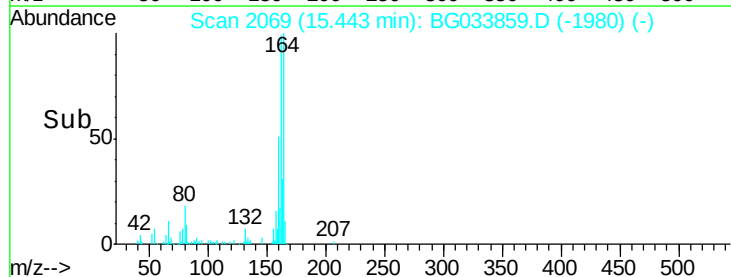
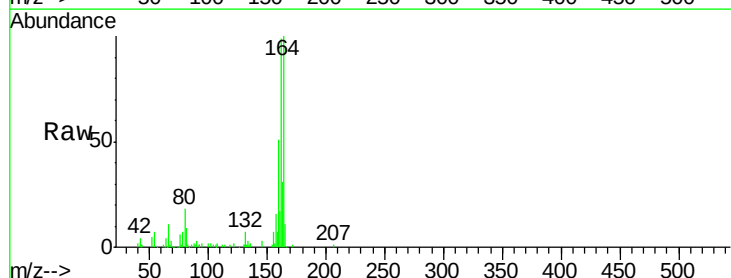
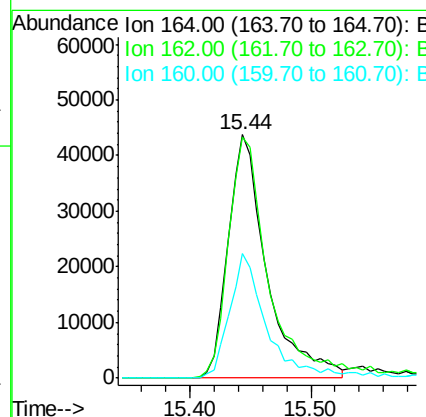
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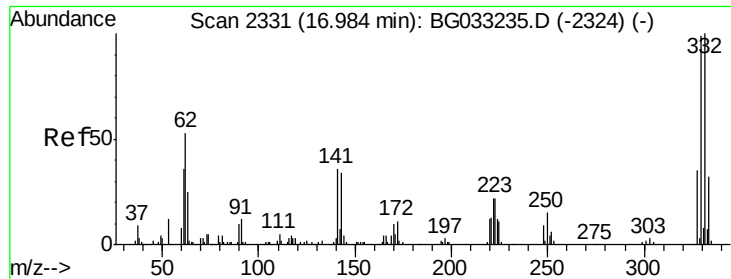
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BG033859.D
Acq: 18 Apr 2018 00:07

Tgt Ion	164	Resp	97199
Ion Ratio	100	Lower	Upper
164	100		
162	99.2	78.8	118.2
160	51.3	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 136.110 ng

RT: 16.92 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG033859.D

Acq: 18 Apr 2018 00:07

Instrument :

BNA_G

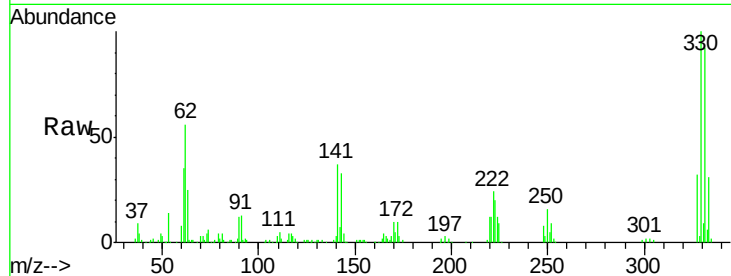
ClientSampled :

PB108313TB

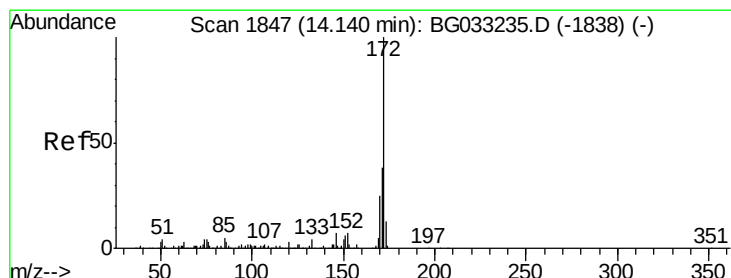
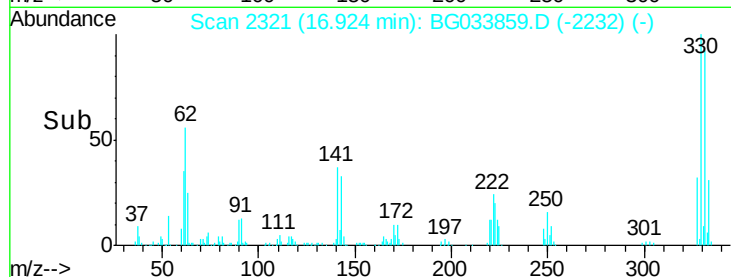
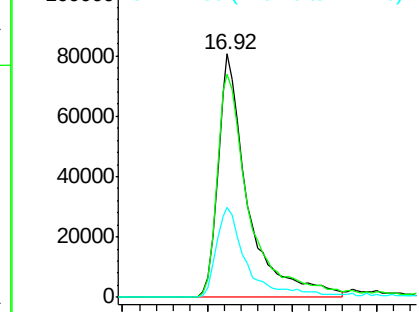
Tot Ion:	330	Resp:	197867
Ion Ratio	Lower	Upper	
330	100		
332	100.4	77.0	115.6
141	37.4	25.2	37.8

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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: 91.498 ng

RT: 14.07 min Scan# 1836

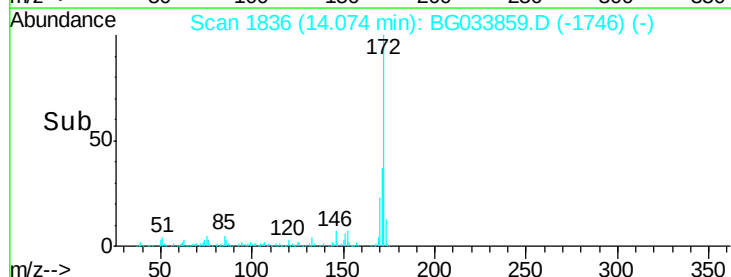
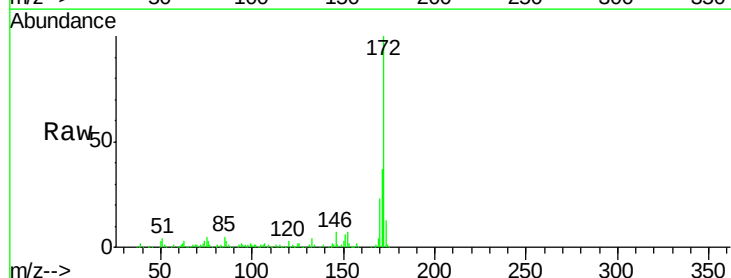
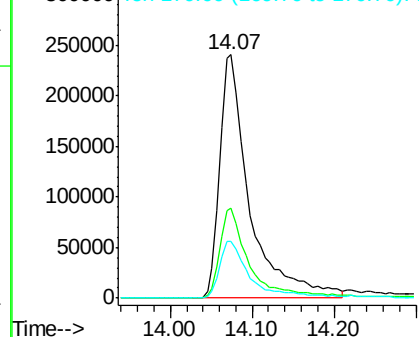
Delta R.T. -0.00 min

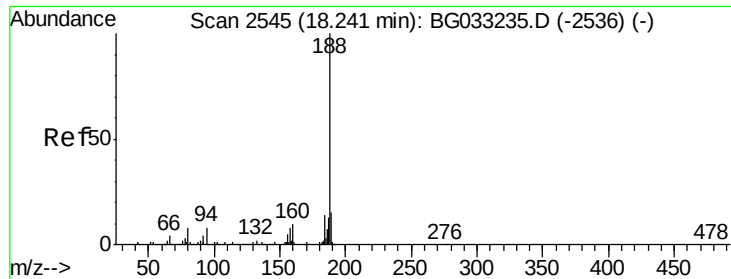
Lab File: BG033859.D

Acq: 18 Apr 2018 00:07

Tgt Ion:	172	Resp:	616053
Ion Ratio	Lower	Upper	
172	100		
171	37.1	30.0	45.0
170	23.1	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





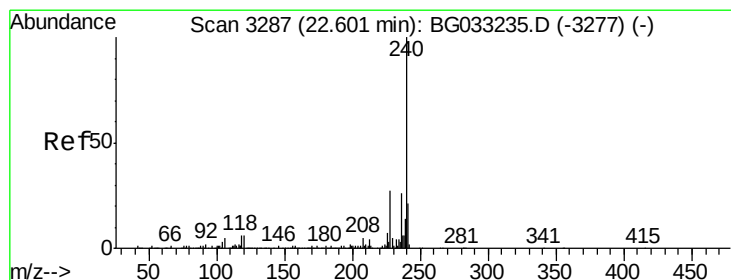
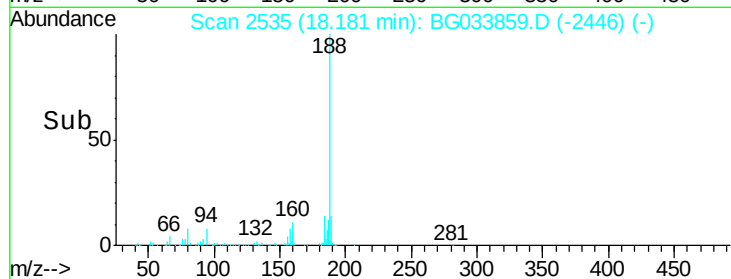
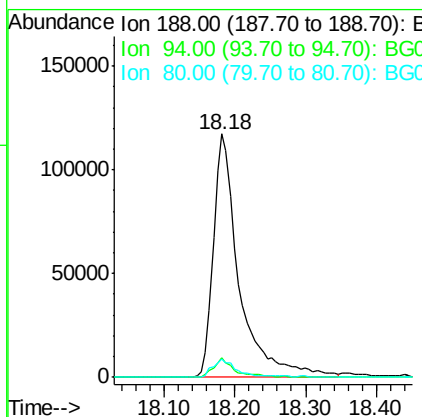
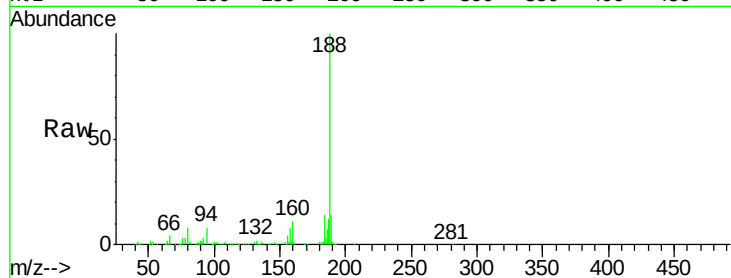
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.18 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BG033859.D
Acq: 18 Apr 2018 00:07

Instrument :
BNA_G
ClientSampleId :
PB108313TB

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.9	6.9	10.3
80	7.7	7.7	11.5

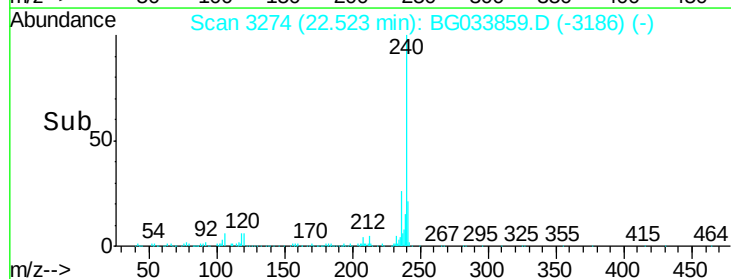
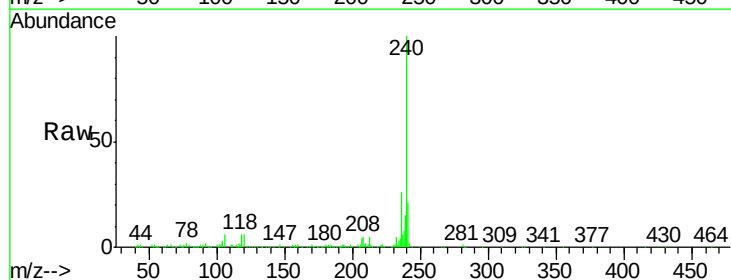
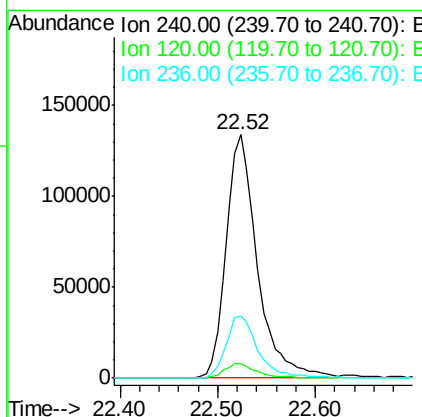
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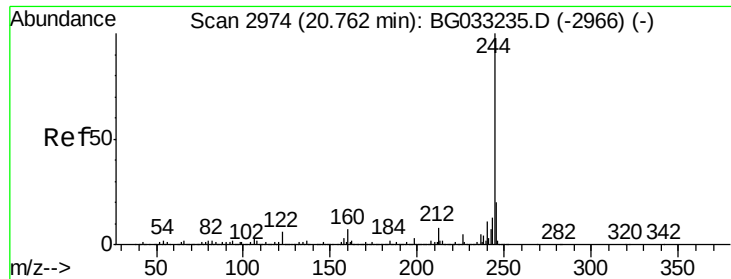
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.52 min Scan# 3274
Delta R.T. -0.02 min
Lab File: BG033859.D
Acq: 18 Apr 2018 00:07

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	25.6	20.9	31.3





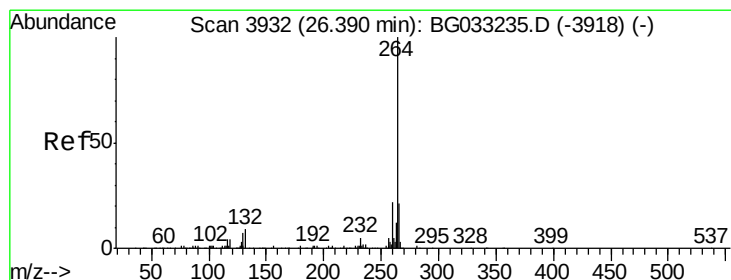
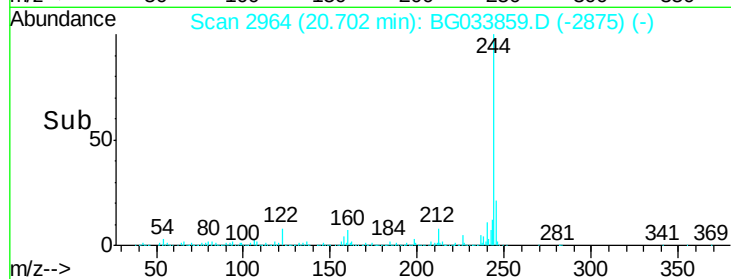
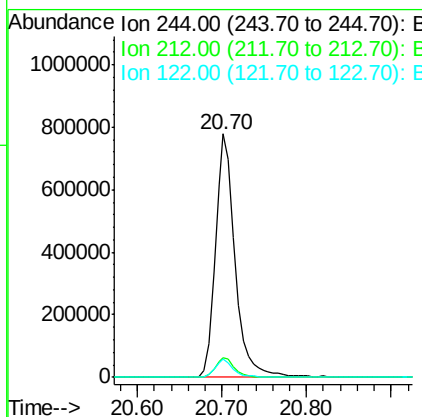
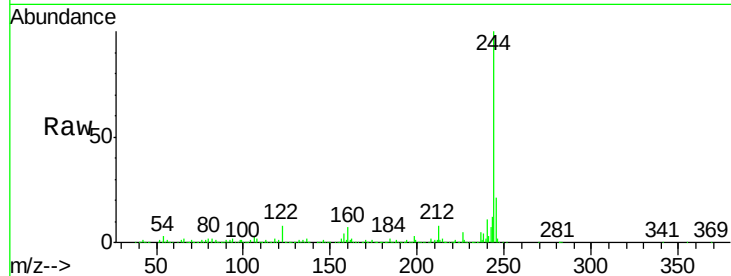
#78
 Terphenyl-d14
 Concen: 91.888 ng
 RT: 20.70 min Scan# 2964
 Delta R.T. -0.01 min
 Lab File: BG033859.D
 Acq: 18 Apr 2018 00:07

Instrument :
 BNA_G
 ClientSampleId :
 PB108313TB

Tot Ion:244 Resp: 1276577
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 7.7 7.0 10.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.04 min
 Lab File: BG033859.D
 Acq: 18 Apr 2018 00:07

Tgt Ion:264 Resp: 326426
 Ion Ratio Lower Upper
 264 100
 260 20.4 17.4 26.0
 265 22.3 17.7 26.5

