

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
 Data File : BG033852.D
 Acq On : 17 Apr 2018 19:44
 Operator : SJ/JU
 Sample : J2370-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CG

Manual Integrations
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Quant Time: Apr 18 04:19:56 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	26469	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	130455	20.00	ng	0.00
38) Acenaphthene-d10	15.44	164	108455	20.00	ng	0.00
63) Phenanthrene-d10	18.18	188	323889	20.00	ng	0.00
75) Chrysene-d12	22.52	240	325819	20.00	ng	-0.01
86) Perylene-d12	26.27	264	350880	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.27	112	236029	167.21	ng	0.00
7) Phenol-d6	7.95	99	334030m	137.72	ng	0.00
23) Nitrobenzene-d5	10.03	82	287467	101.24	ng	0.00
41) 2,4,6-Tribromophenol	16.92	330	269331	166.04	ng	0.00
44) 2-Fluorobiphenyl	14.07	172	772636	102.84	ng	0.00
78) Terphenyl-d14	20.70	244	1570830	103.11	ng	0.00

Target Compounds Qvalue

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

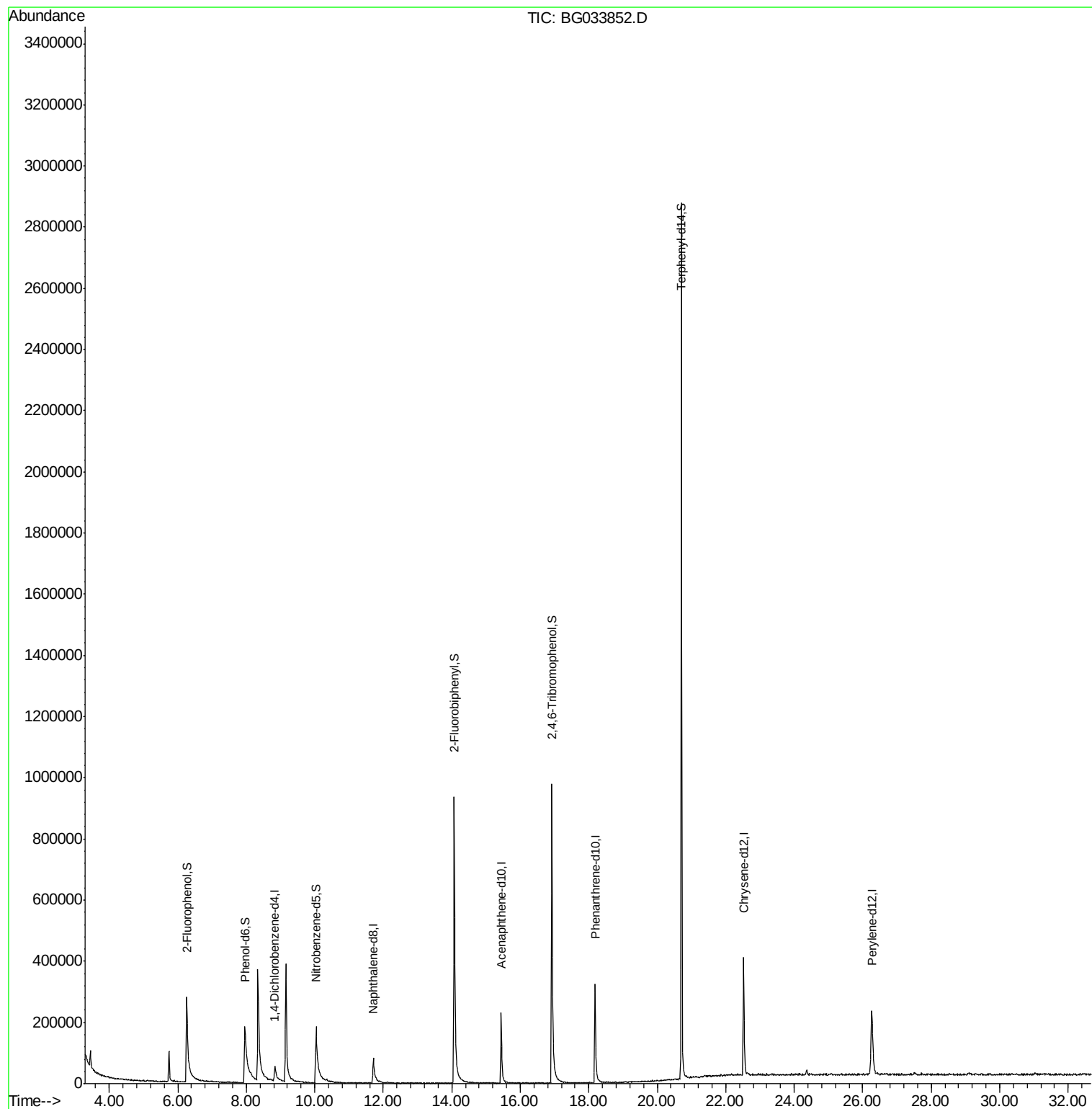
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
Data File : BG033852.D
Acq On : 17 Apr 2018 19:44
Operator : SJ/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

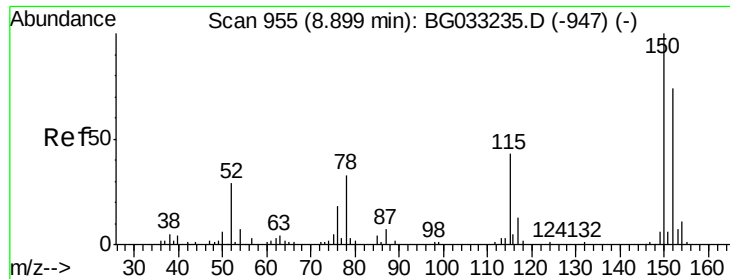
Instrument :
BNA_G
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#1

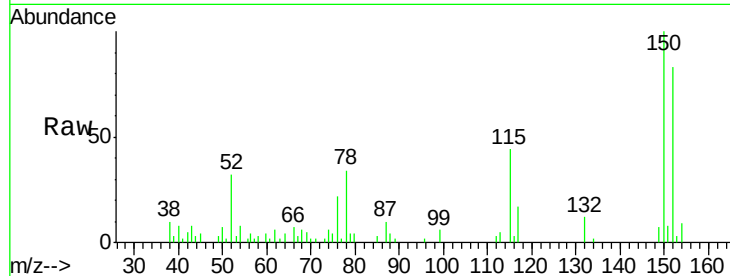
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.84 min Scan# 945
Delta R.T. 0.01 min
Lab File: BG033852.D
Acq: 17 Apr 2018 19:44

Instrument :
BNA_G
ClientSampled :
CG

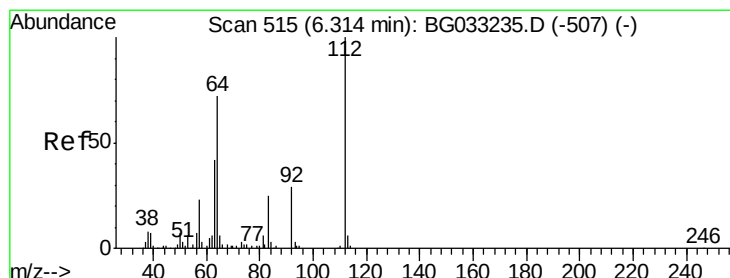
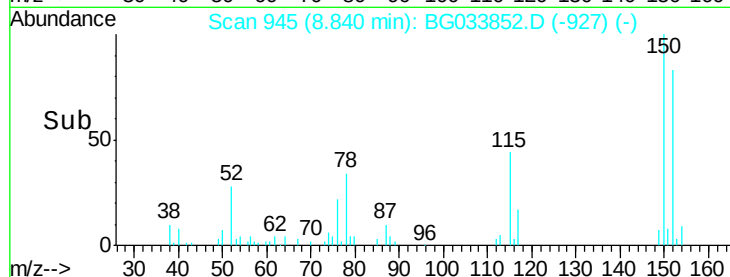
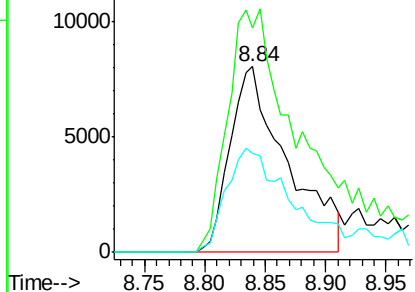
Tot Ion	Ratio	Lower	Upper
152	100		
150	117.5	126.6	189.8#
115	52.0	53.0	79.4#

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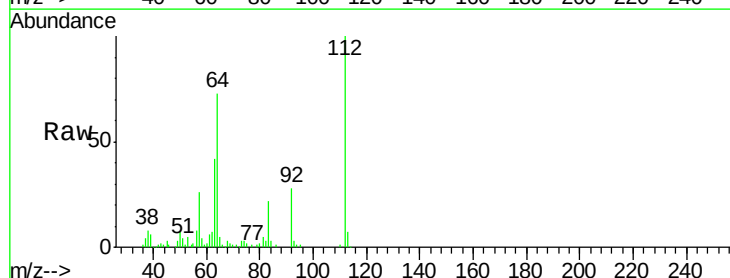
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



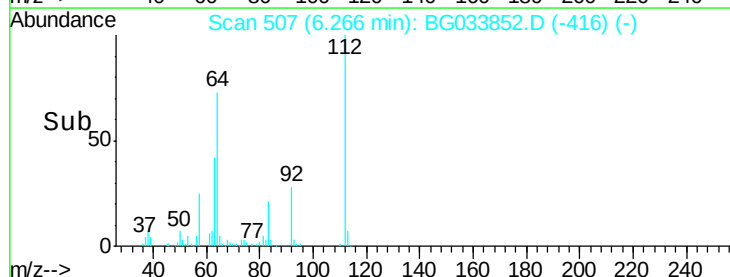
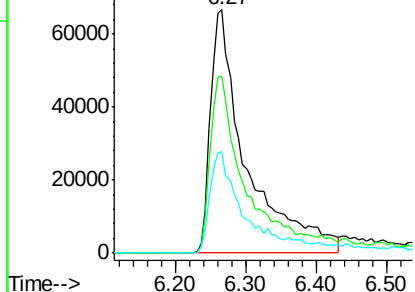
#5

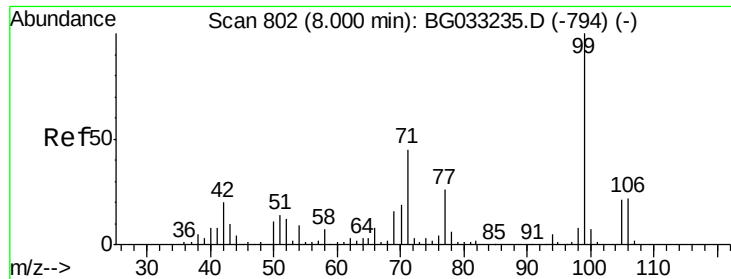
2-Fluorophenol
Concen: 167.208 ng
RT: 6.27 min Scan# 507
Delta R.T. 0.00 min
Lab File: BG033852.D
Acq: 17 Apr 2018 19:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	56.3	84.5
63	41.9	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: 137.722 ng/mL

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG033852.D

Acq: 17 Apr 2018 19:44

Instrument :

BNA_G

ClientSampled :

CG

Tot Ion: 99 Resp: 334030

Ion Ratio Lower Upper

99 100

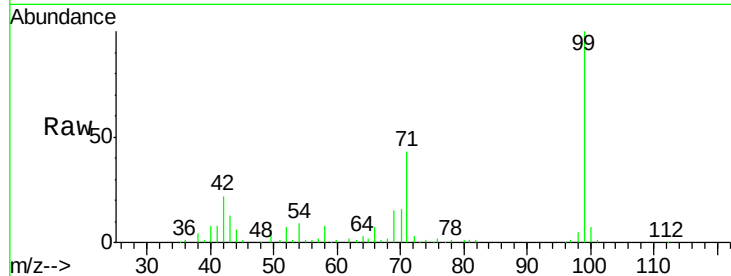
42 22.1 14.1 21.1#

71 43.2 26.1 39.1#

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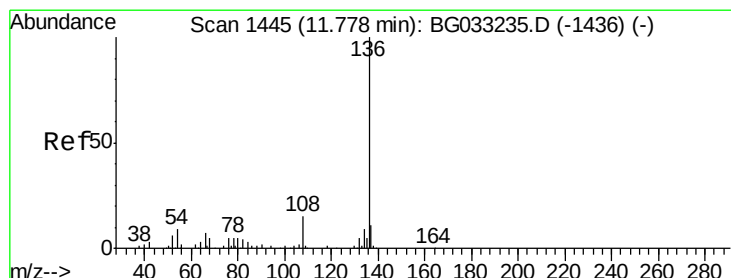
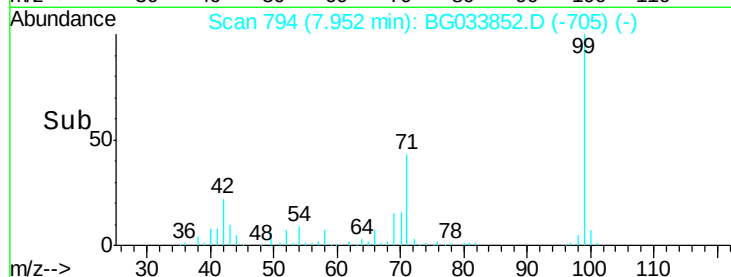
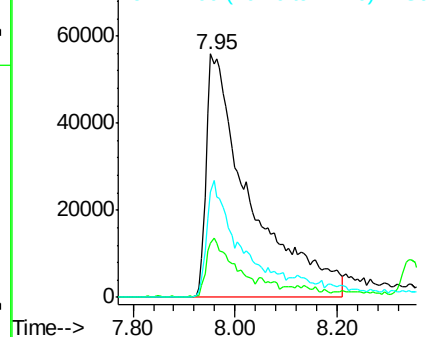
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Abundance Ion 99.00 (98.70 to 99.70): BGC

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/mL

RT: 11.71 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BG033852.D

Acq: 17 Apr 2018 19:44

Tgt Ion: 136 Resp: 130455

Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 10.0 10.3 15.5#

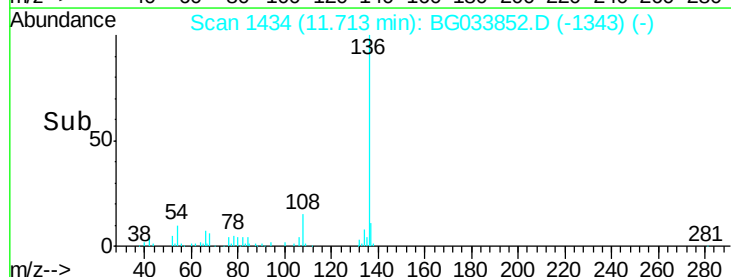
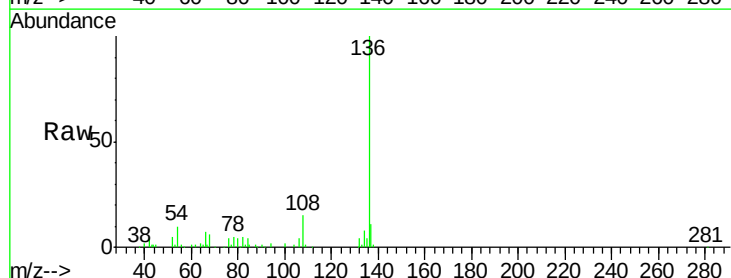
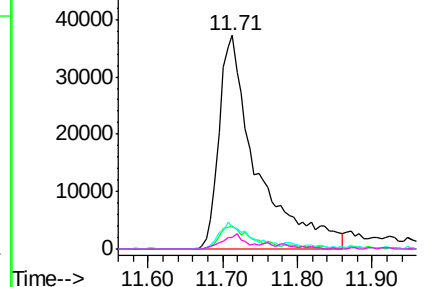
68 5.6 4.5 6.7

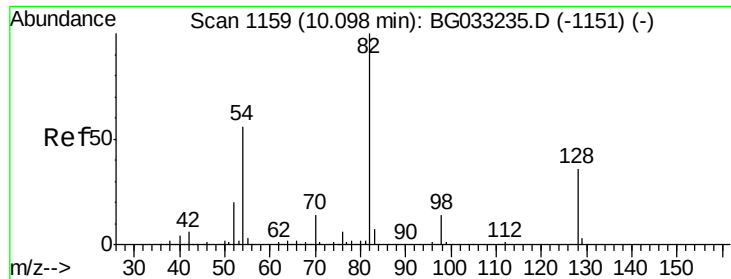
Abundance Ion 136.00 (135.70 to 136.70): BGC

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





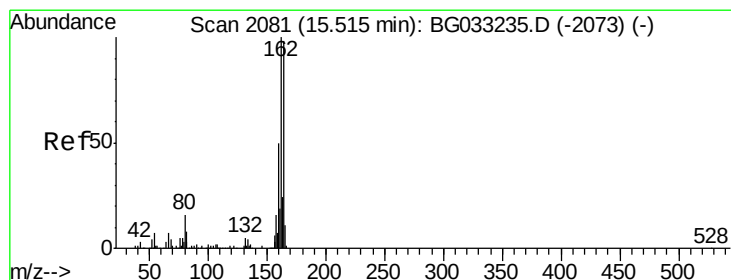
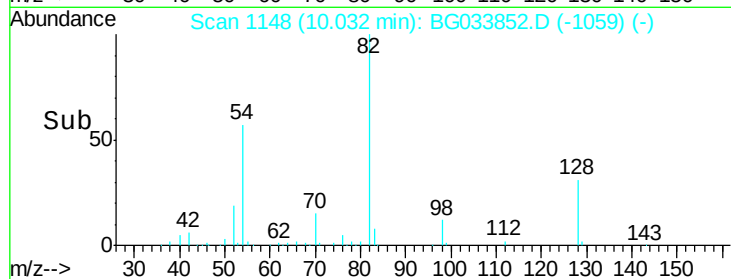
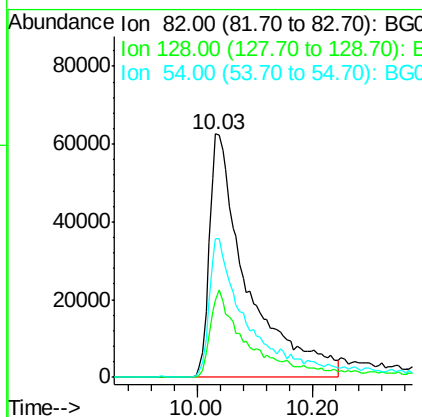
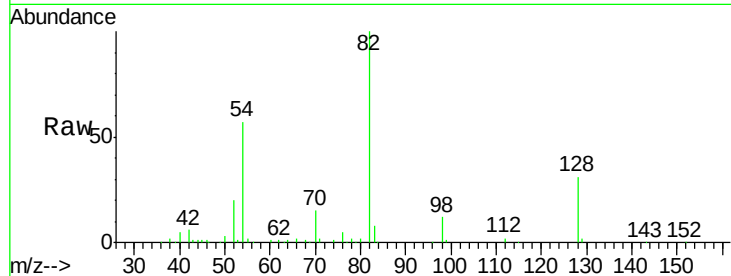
#23
Nitrobenzene-d5
Concen: 101.241 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG033852.D
Acq: 17 Apr 2018 19:44

Instrument :
BNA_G
ClientSampled :
CG

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.5	29.7	44.5
54	56.9	43.1	64.7

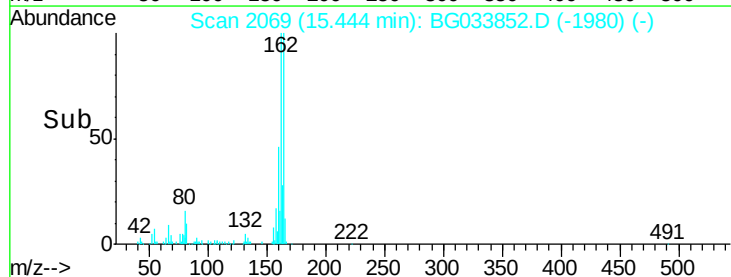
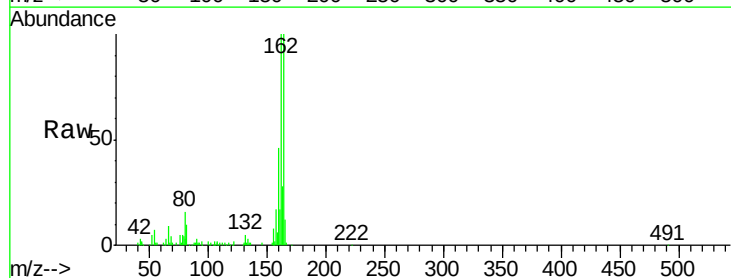
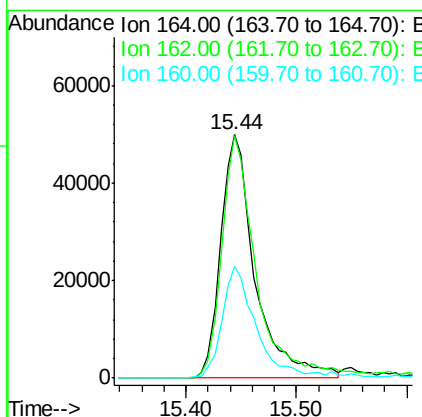
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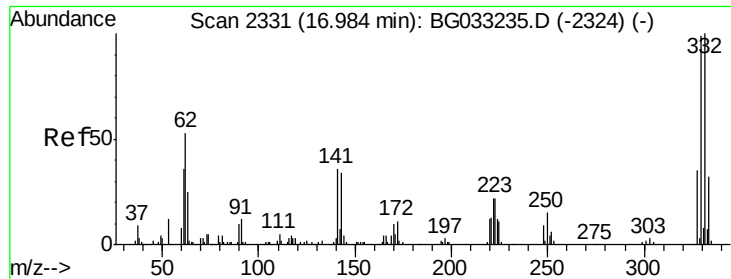
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BG033852.D
Acq: 17 Apr 2018 19:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.8	118.2
160	46.1	35.4	53.0





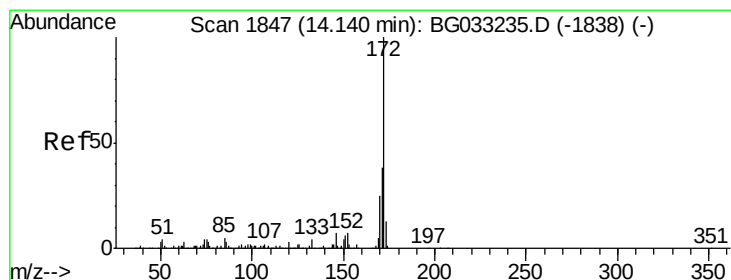
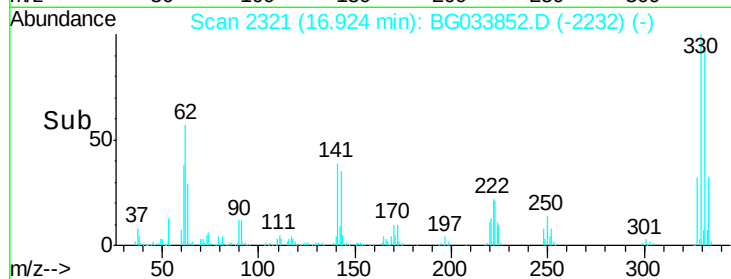
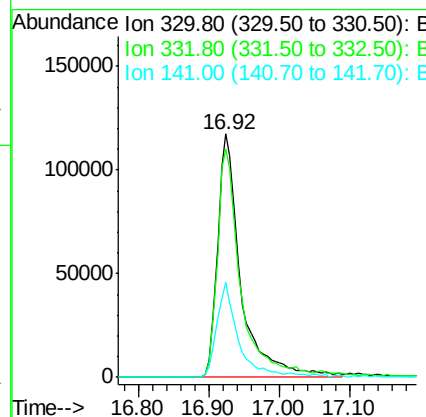
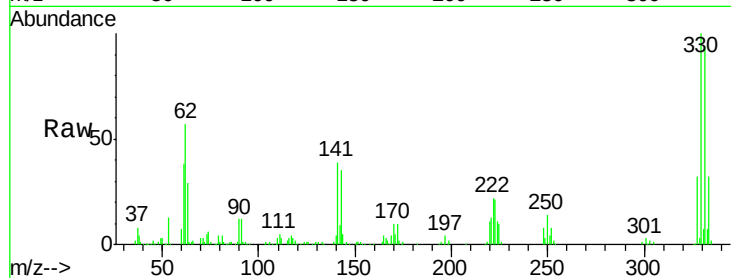
#41
 2,4,6-Tribromophenol
 Concen: 166.041 ng
 RT: 16.92 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG033852.D
 Acq: 17 Apr 2018 19:44

Instrument :
 BNA_G
 ClientSampled :
 CG

Tot Ion	Ratio	Resp	Lower	Upper
330	100	269331		
332	92.7	77.0	115.6	
141	34.9	25.2	37.8	

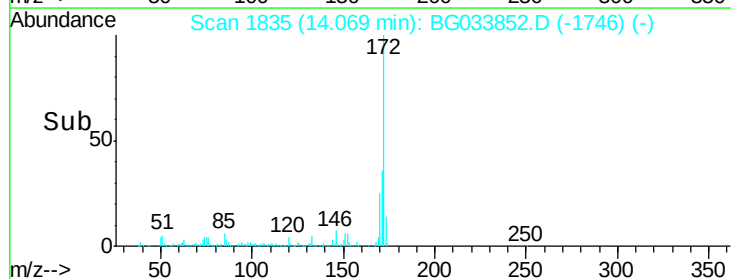
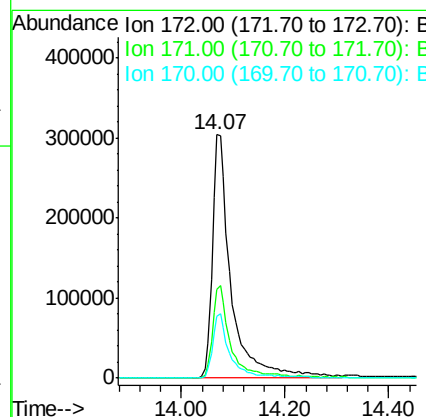
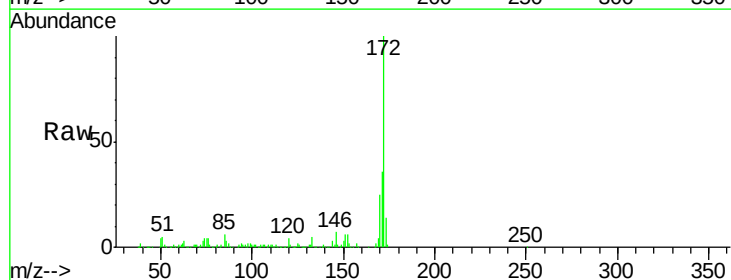
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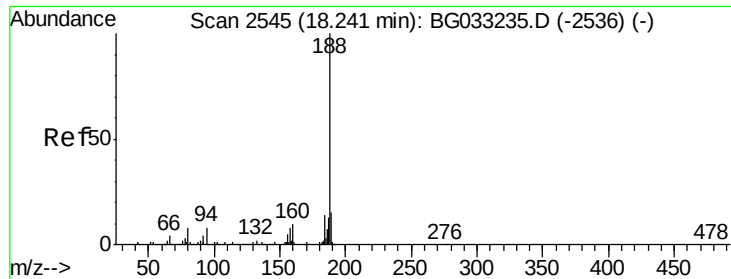
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#44
 2-Fluorobiphenyl
 Concen: 102.845 ng
 RT: 14.07 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG033852.D
 Acq: 17 Apr 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	772636		
171	36.4	30.0	45.0	
170	25.2	19.5	29.3	





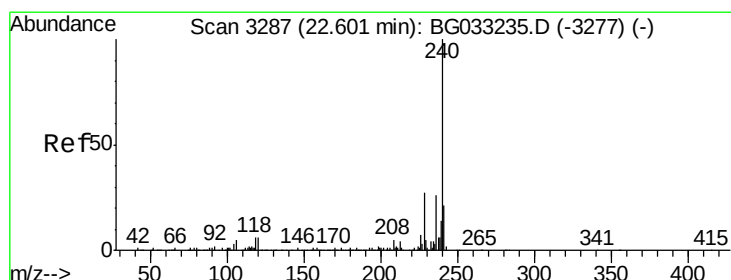
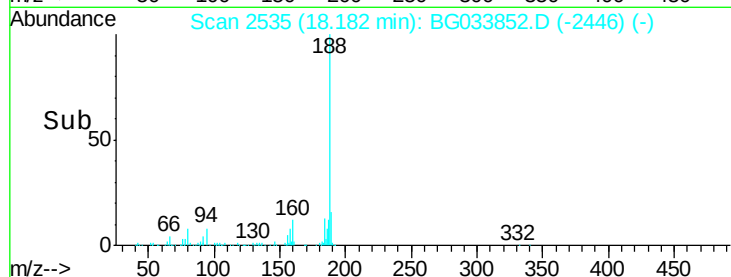
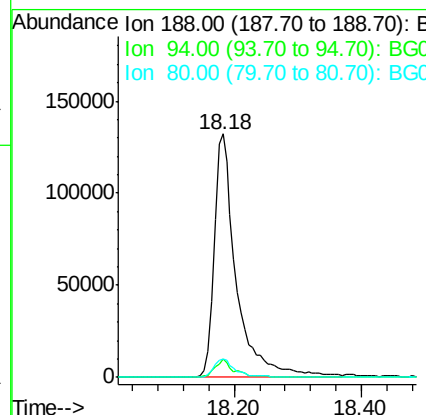
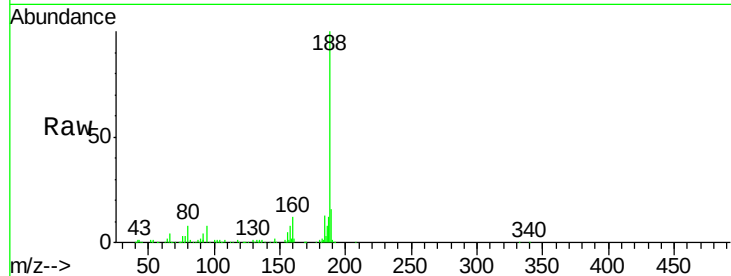
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.18 min Scan# 2535
 Delta R.T. -0.01 min
 Lab File: BG033852.D
 Acq: 17 Apr 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 CG

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.6	6.9	10.3
80	7.7	7.7	11.5#

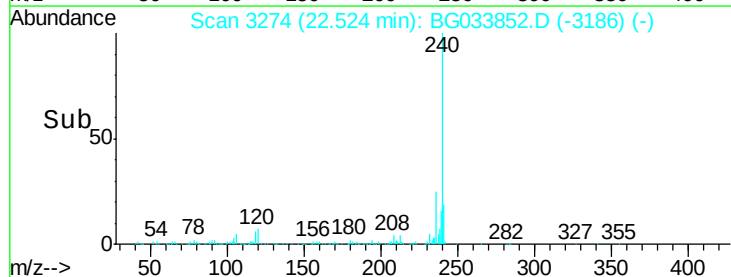
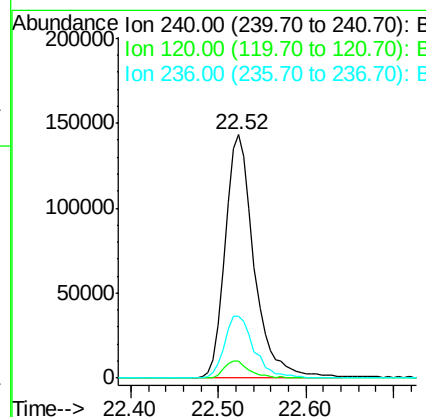
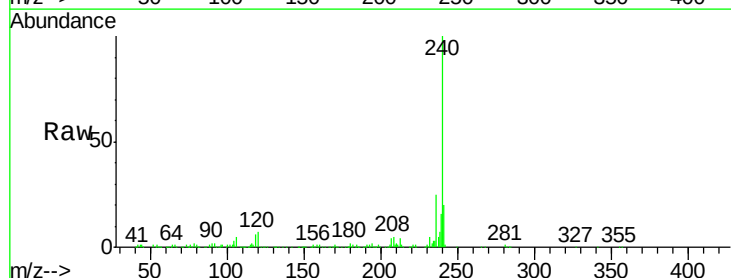
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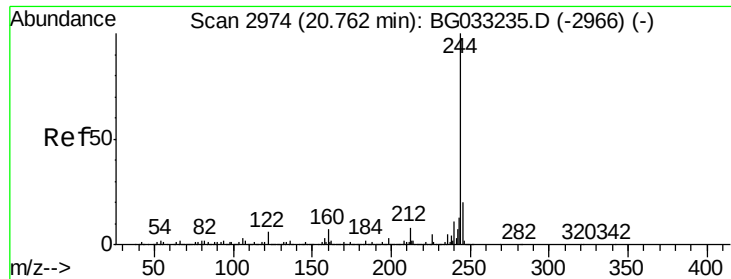
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.52 min Scan# 3274
 Delta R.T. -0.01 min
 Lab File: BG033852.D
 Acq: 17 Apr 2018 19:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.0	6.8	10.2
236	25.4	20.9	31.3





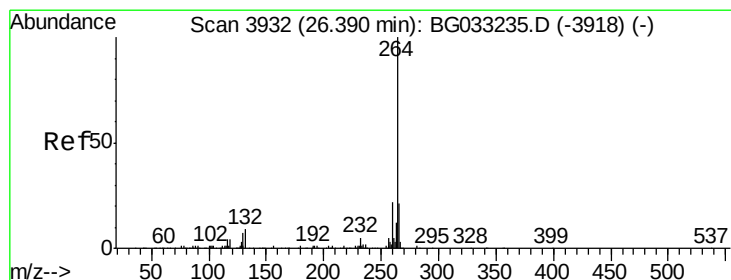
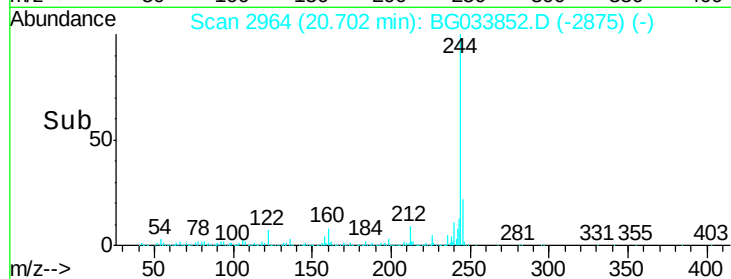
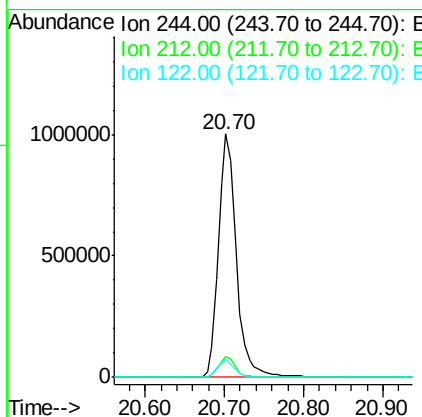
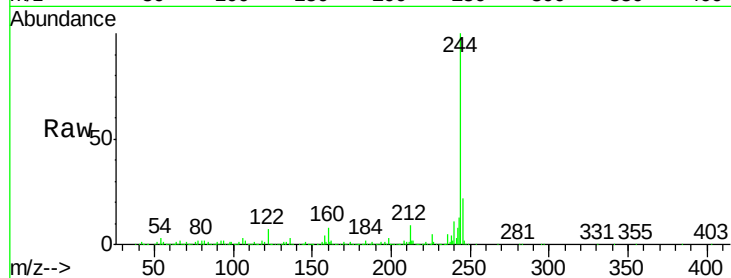
#78
 Terphenyl-d14
 Concen: 103.106 ng
 RT: 20.70 min Scan# 2964
 Delta R.T. -0.01 min
 Lab File: BG033852.D
 Acq: 17 Apr 2018 19:44

Instrument :
 BNA_G
 ClientSampled :
 CG

Tot Ion:244 Resp: 1570830
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.8 8.8
 122 7.3 7.0 10.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.27 min Scan# 3912
 Delta R.T. -0.04 min
 Lab File: BG033852.D
 Acq: 17 Apr 2018 19:44

Tgt Ion:264 Resp: 350880
 Ion Ratio Lower Upper
 264 100
 260 21.2 17.4 26.0
 265 19.5 17.7 26.5

