

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033842.D
 Acq On : 17 Apr 2018 8:33
 Operator : SJ/JU
 Sample : J2392-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041318-JETB-F-U-B

Manual Integrations
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 4/17/2018 5:21:34 PM

Quant Time: Apr 17 09:07:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	21795	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	113787	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	94771	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	272387	20.00	ng	0.00
75) Chrysene-d12	22.55	240	292233	20.00	ng	0.00
86) Perylene-d12	26.31	264	316079	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	55309m	47.58	ng	0.00
7) Phenol-d6	8.02	99	60234m	30.16	ng	0.04
23) Nitrobenzene-d5	10.06	82	228183	92.13	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	146072	103.06	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	722255	110.02	ng	0.00
78) Terphenyl-d14	20.72	244	1494082	109.34	ng	0.00

Target Compounds Qvalue

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

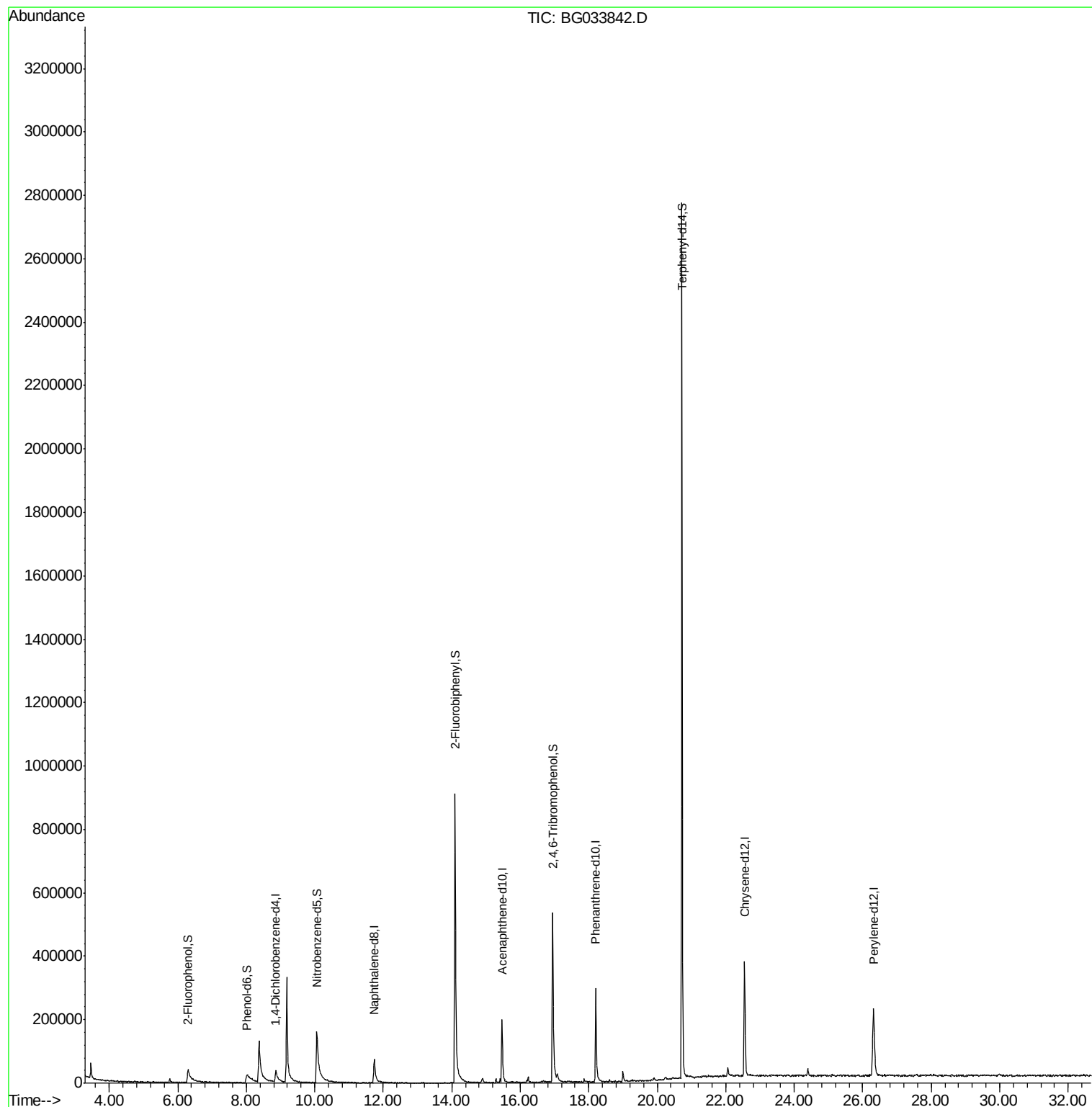
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
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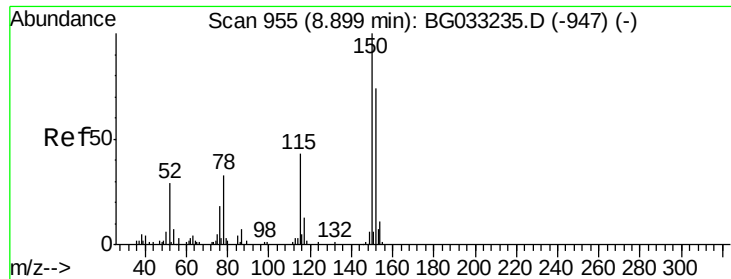
Instrument :
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QLast Update : Mon Apr 16 11:44:01 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG033842.D

Acq: 17 Apr 2018 8:33

Instrument :

BNA_G

ClientSampleId :

041318-JETB-F-U-B

Tot Ion:152 Resp: 21795

Ion Ratio Lower Upper

152 100

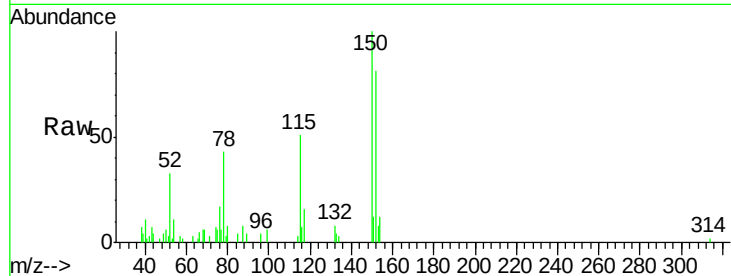
150 124.2 126.6 189.8#

115 63.0 53.0 79.4

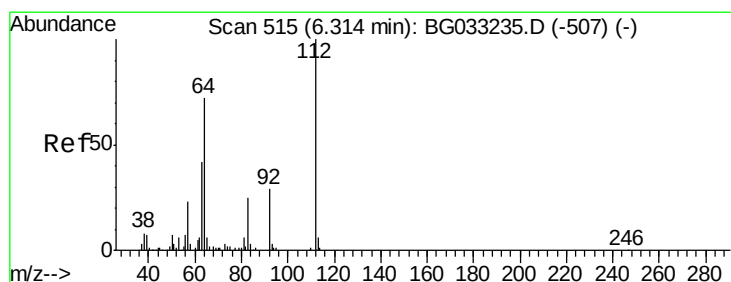
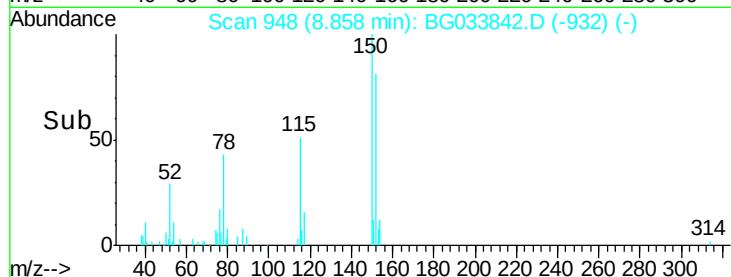
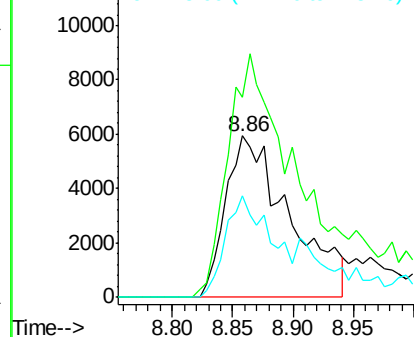
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 47.585 ng m

RT: 6.30 min Scan# 512

Delta R.T. 0.00 min

Lab File: BG033842.D

Acq: 17 Apr 2018 8:33

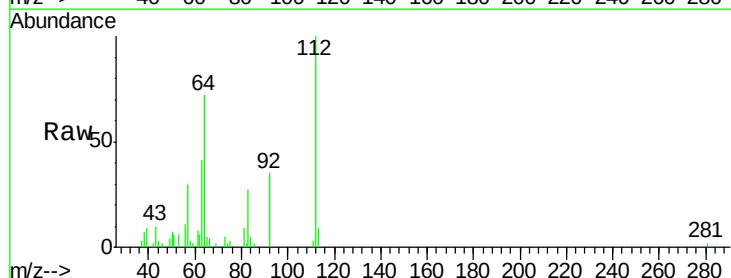
Tgt Ion:112 Resp: 55309

Ion Ratio Lower Upper

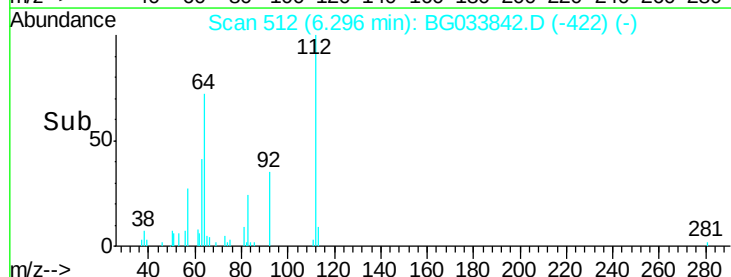
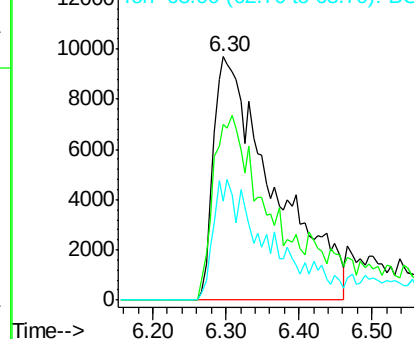
112 100

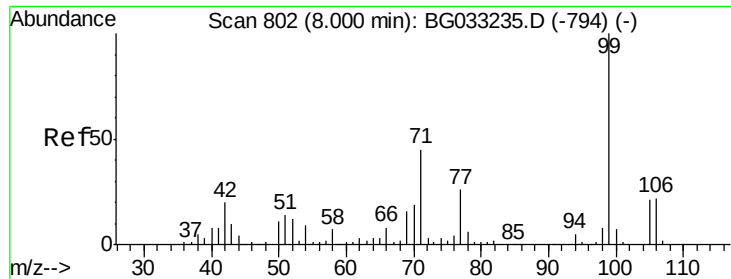
64 72.3 56.3 84.5

63 40.5 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: 30.161 ng/mL

RT: 8.02 min Scan# 806

Delta R.T. 0.04 min

Lab File: BG033842.D

Acq: 17 Apr 2018 8:33

Instrument :

BNA_G

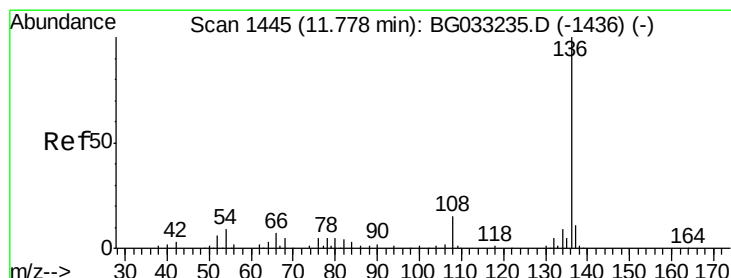
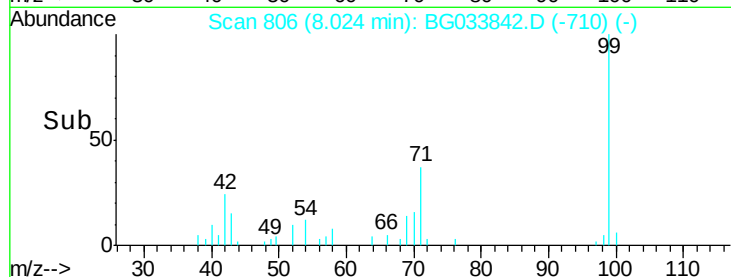
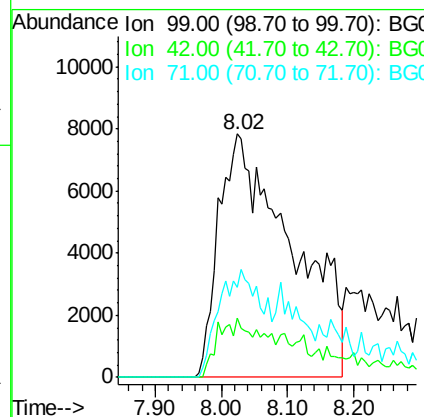
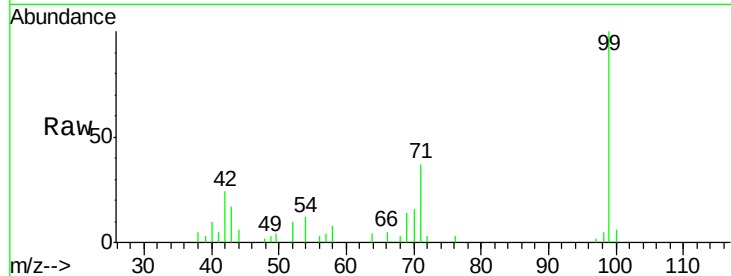
ClientSampleID :

041318-JETB-F-U-B

Tot Ion:	99	Resp:	60234
Ion	Ratio	Lower	Upper
99	100		
42	24.3	14.1	21.1#
71	37.2	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng/mL

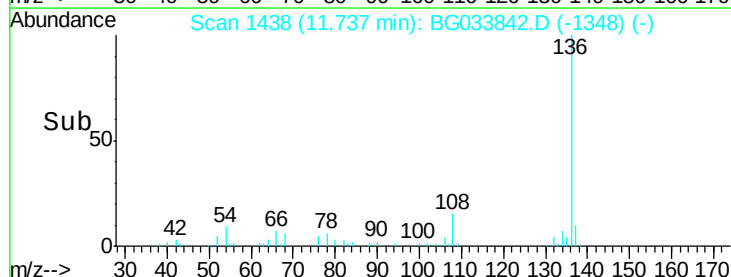
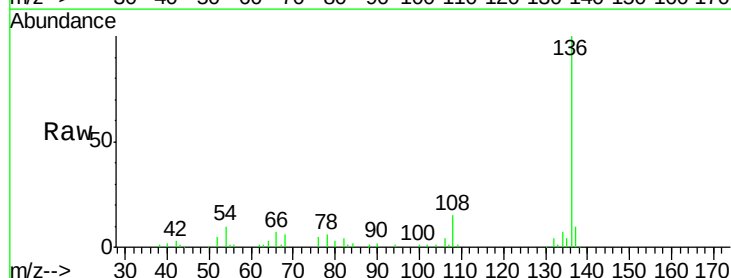
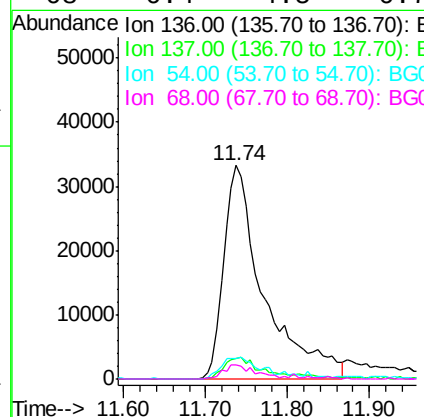
RT: 11.74 min Scan# 1438

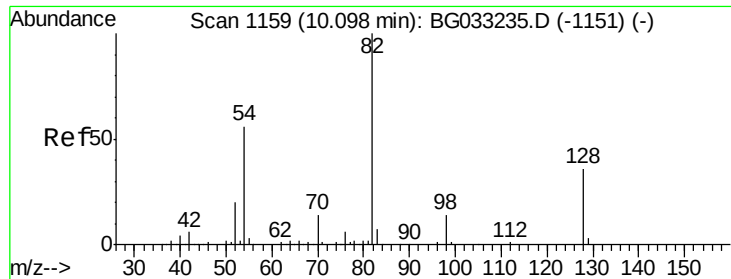
Delta R.T. 0.00 min

Lab File: BG033842.D

Acq: 17 Apr 2018 8:33

Tgt Ion:	136	Resp:	113787
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.2	13.8
54	9.8	10.3	15.5#
68	6.4	4.5	6.7





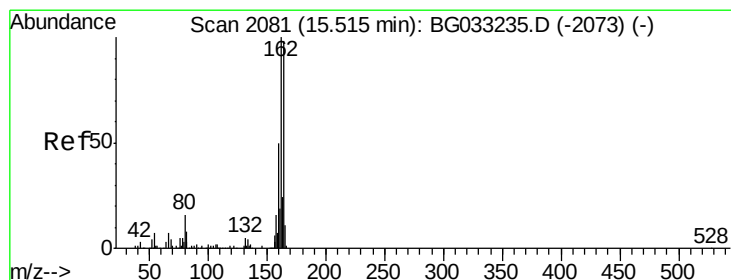
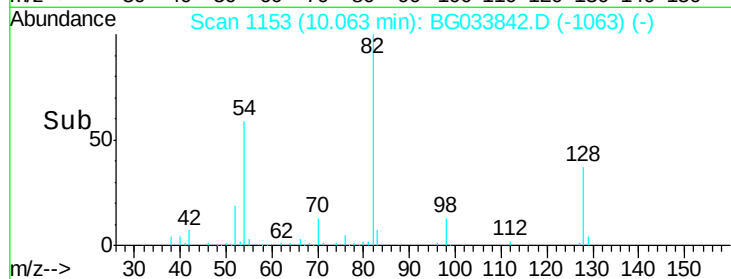
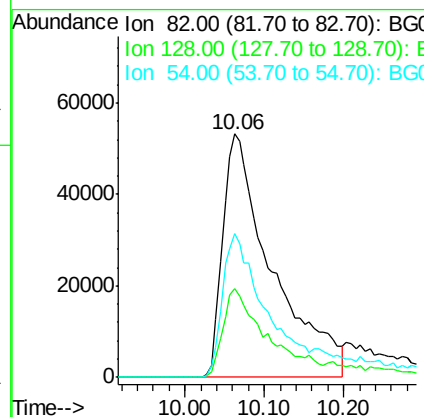
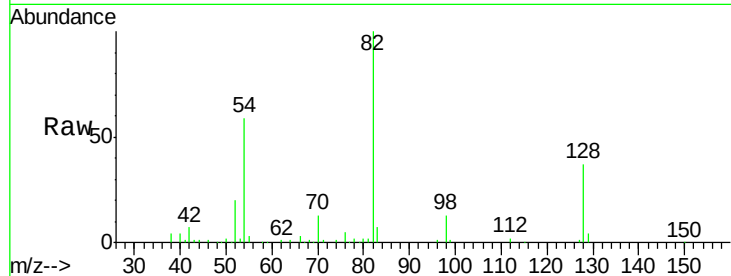
#23
 Nitrobenzene-d5
 Concen: 92.134 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033842.D
 Acq: 17 Apr 2018 8:33

Instrument :
 BNA_G
 ClientSampleId :
 041318-JETB-F-U-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.7	44.5
54	58.9	43.1	64.7

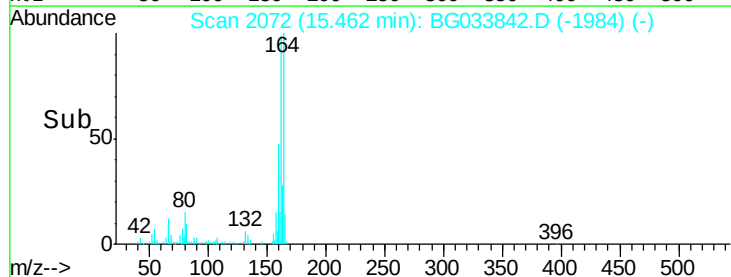
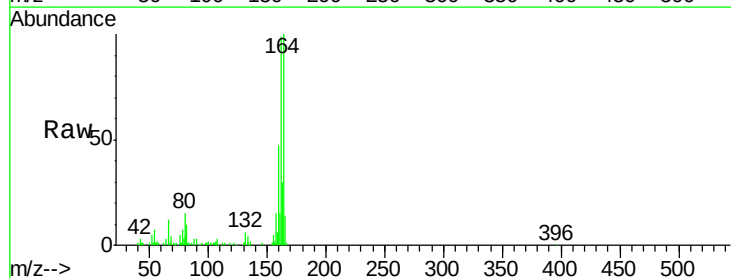
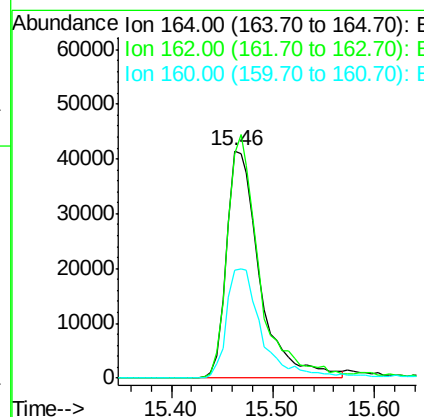
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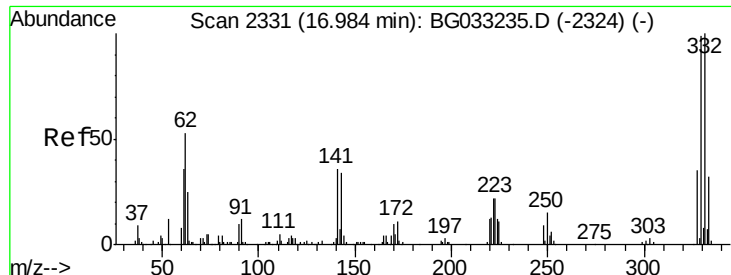
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BG033842.D
 Acq: 17 Apr 2018 8:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.8	118.2
160	47.5	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 103.056 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG033842.D

Acq: 17 Apr 2018 8:33

Instrument :

BNA_G

ClientSampleId :

041318-JETB-F-U-B

Tot Ion:330 Resp: 146072

Ion Ratio Lower Upper

330 100

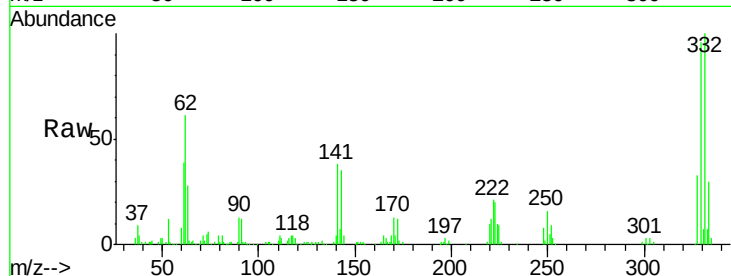
332 97.1 77.0 115.6

141 40.4 25.2 37.8#

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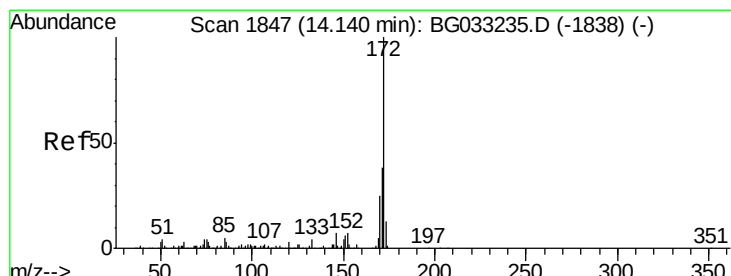
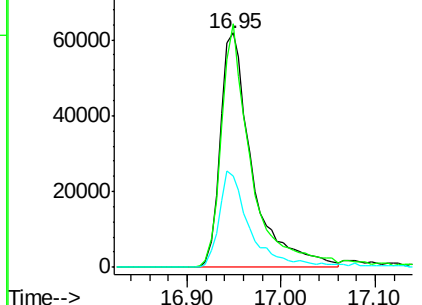
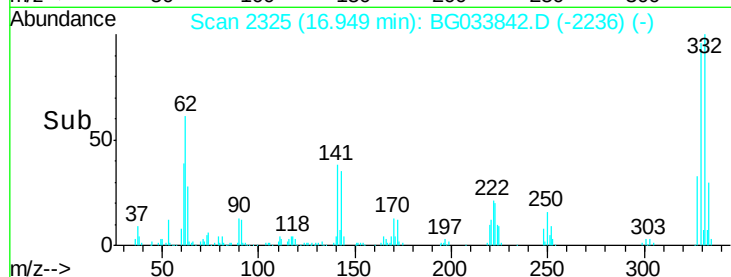
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 110.020 ng

RT: 14.10 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BG033842.D

Acq: 17 Apr 2018 8:33

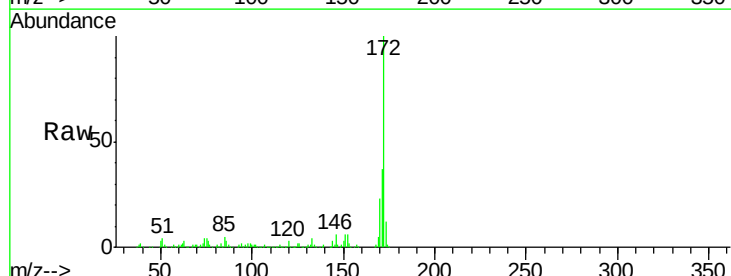
Tgt Ion:172 Resp: 722255

Ion Ratio Lower Upper

172 100

171 37.4 30.0 45.0

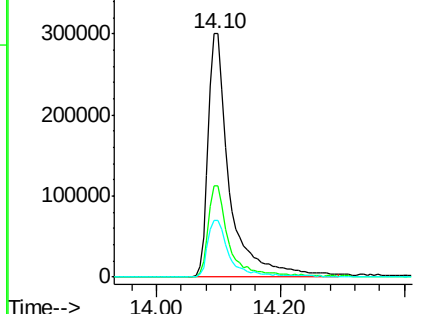
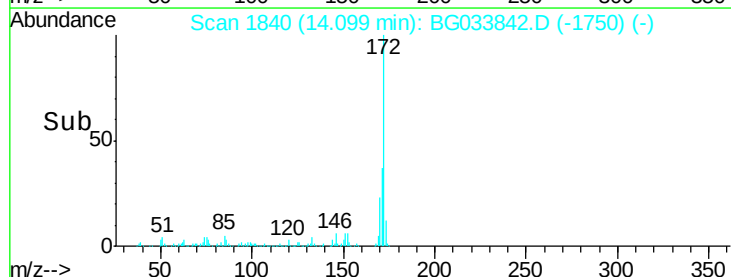
170 23.2 19.5 29.3

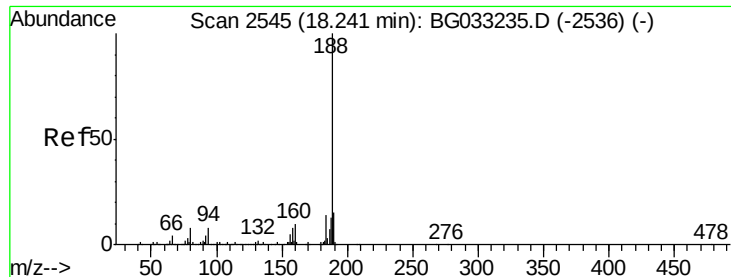


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





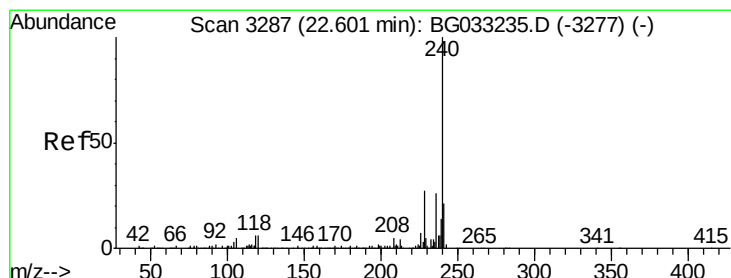
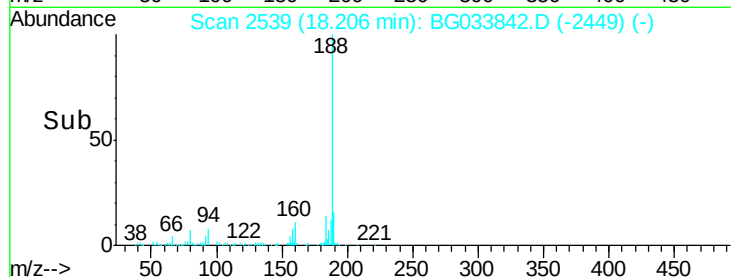
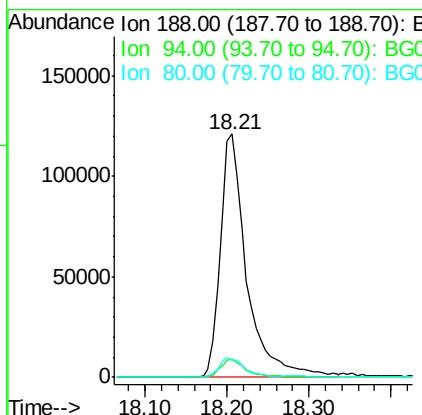
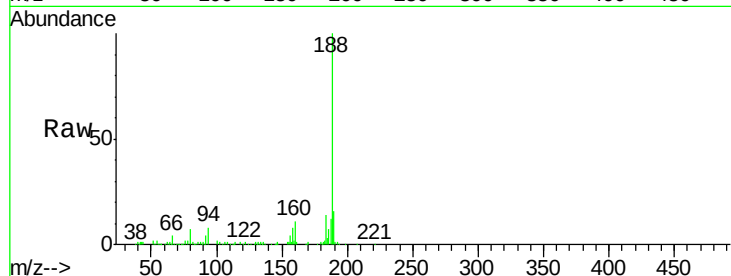
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033842.D
Acq: 17 Apr 2018 8:33

Instrument :
BNA_G
ClientSampleId :
041318-JETB-F-U-B

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.6	6.9	10.3
80	7.1	7.7	11.5#

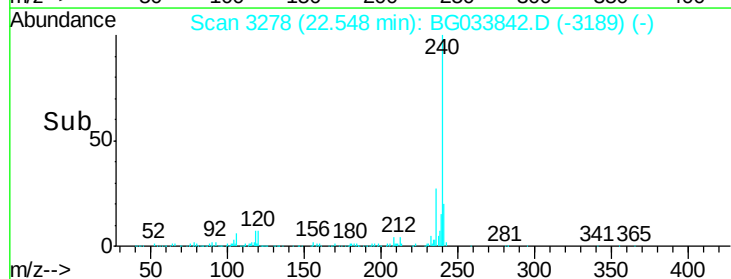
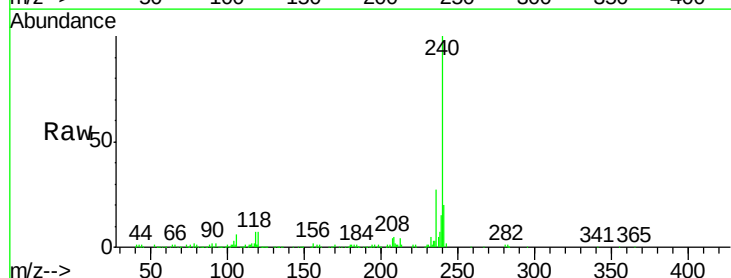
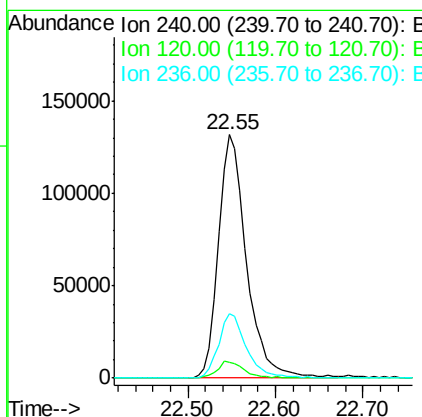
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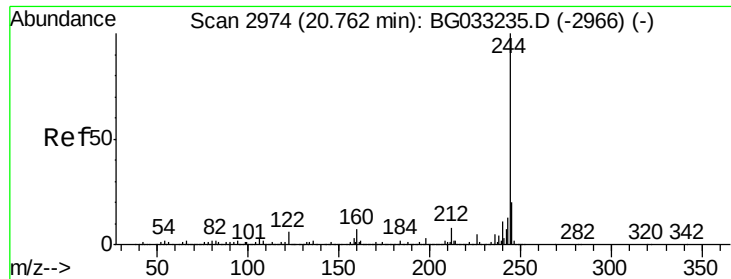
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033842.D
Acq: 17 Apr 2018 8:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.6	6.8	10.2#
236	26.7	20.9	31.3





#78
 Terphenyl-d14
 Concen: 109.339 ng
 RT: 20.72 min Scan# 2967
 Delta R.T. -0.01 min
 Lab File: BG033842.D
 Acq: 17 Apr 2018 8:33

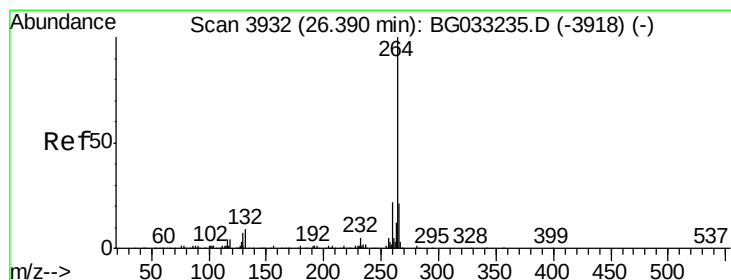
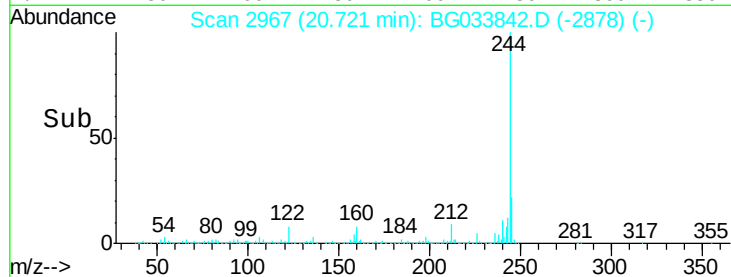
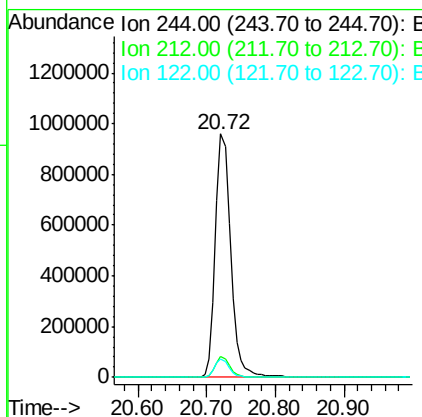
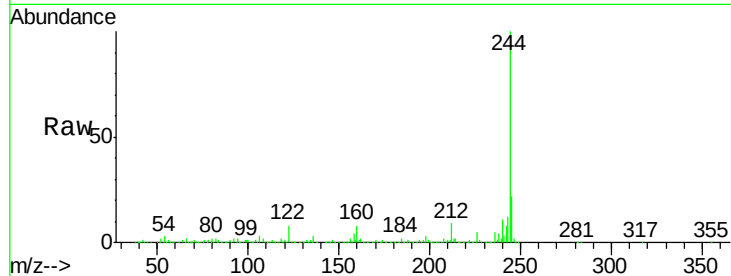
Instrument :
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Tot Ion:244 Resp: 1494082

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.5	7.0	10.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BG033842.D
 Acq: 17 Apr 2018 8:33

Tgt Ion:264 Resp: 316079

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.3	17.7	26.5

