

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033830.D
 Acq On : 17 Apr 2018 1:01
 Operator : SJ/JU
 Sample : J2391-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041218-DBRI-F-U-S

Manual Integrations
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 4/17/2018 5:20:57 PM

Quant Time: Apr 17 05:02:30 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	23682	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	100939	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	97668	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	278864	20.00	ng	0.00
75) Chrysene-d12	22.55	240	295110	20.00	ng	0.00
86) Perylene-d12	26.32	264	316153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	43944	34.79	ng	0.00
7) Phenol-d6	8.02	99	37554m	17.31	ng	0.04
23) Nitrobenzene-d5	10.06	82	230203	104.78	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	141407	96.81	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	655675	96.92	ng	0.00
78) Terphenyl-d14	20.72	244	1385258	100.39	ng	0.00

Target Compounds Qvalue

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

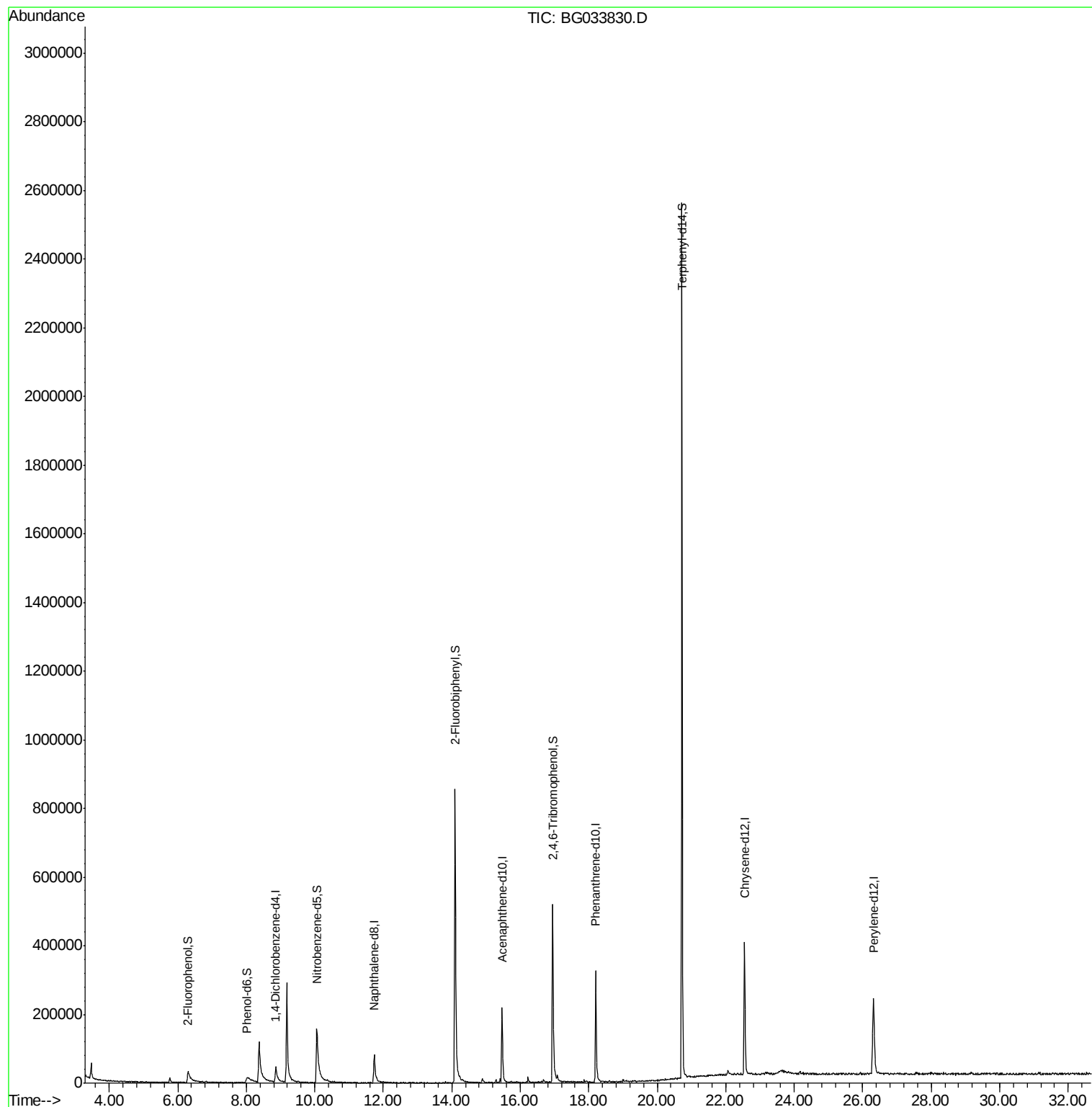
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033830.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

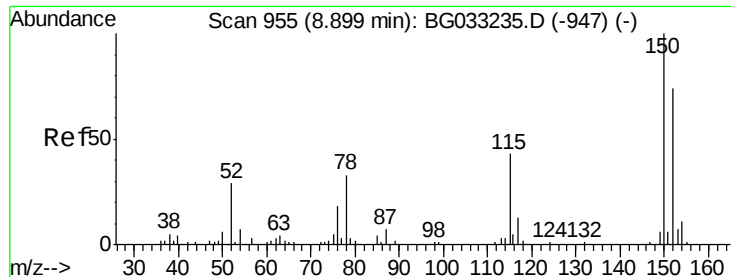
Instrument :
BNA_G
ClientSampleId :
041218-DBRI-F-U-S

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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#1

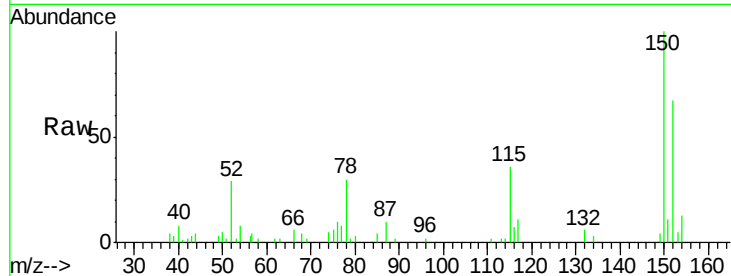
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033830.D
Acq: 17 Apr 2018 1:01

Instrument :
BNA_G
ClientSampleId :
041218-DBRI-F-U-S

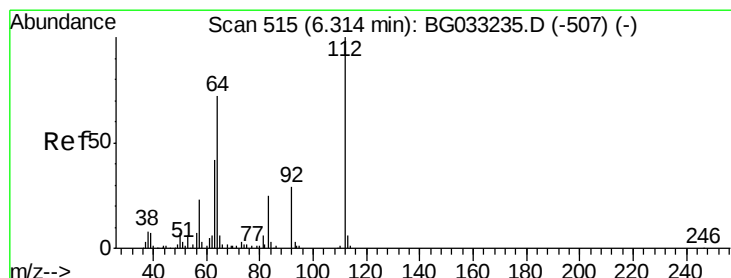
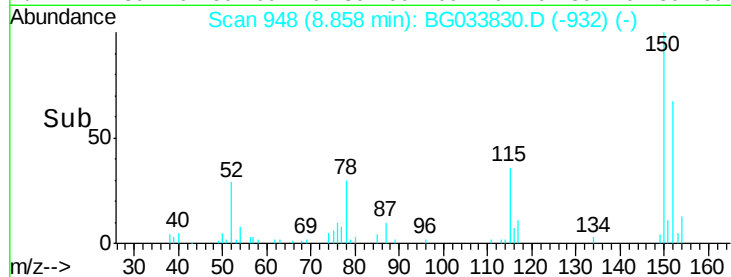
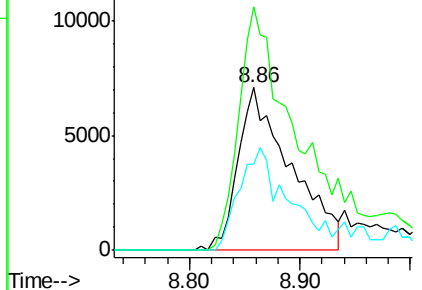
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	126.6	189.8
115	53.3	53.0	79.4

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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

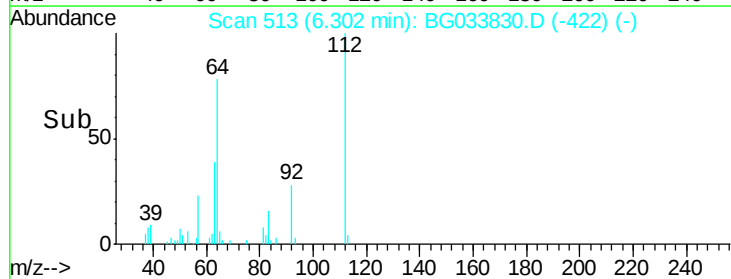
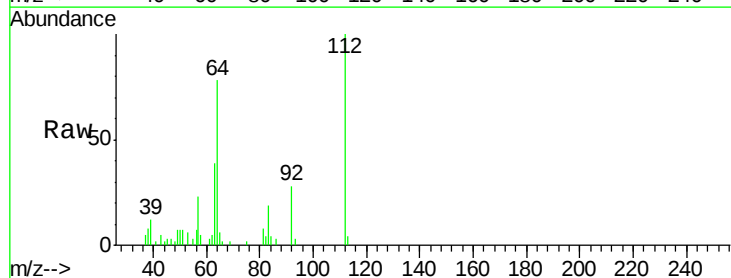
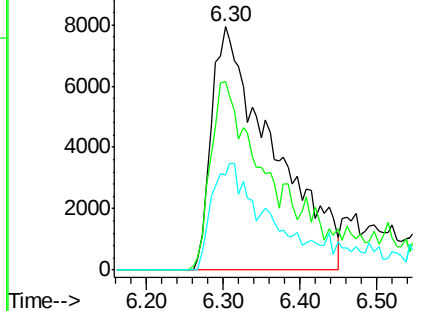


#5

2-Fluorophenol
Concen: 34.794 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033830.D
Acq: 17 Apr 2018 1:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.6	56.3	84.5
63	39.1	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: 17.306 ng/mL

RT: 8.02 min Scan# 806

Delta R.T. 0.04 min

Lab File: BG033830.D

Acq: 17 Apr 2018 1:01

Instrument :

BNA_G

ClientSampleId :

041218-DBRI-F-U-S

Tot Ion: 99 Resp: 37554

Ion Ratio Lower Upper

99 100

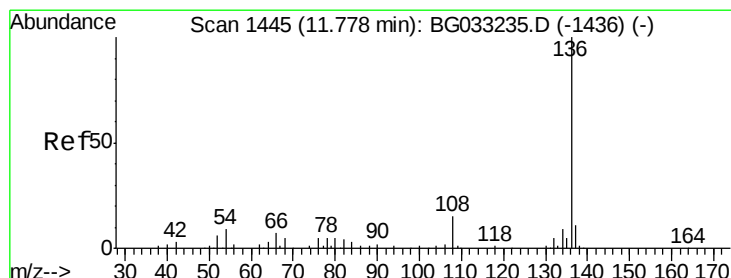
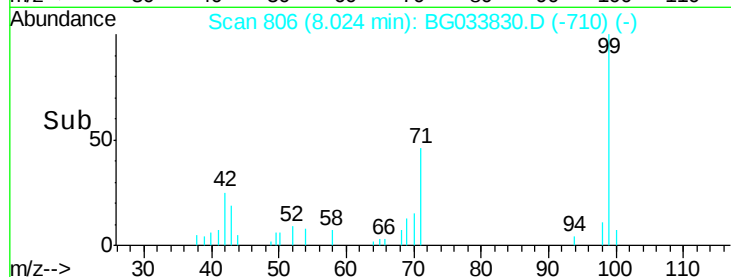
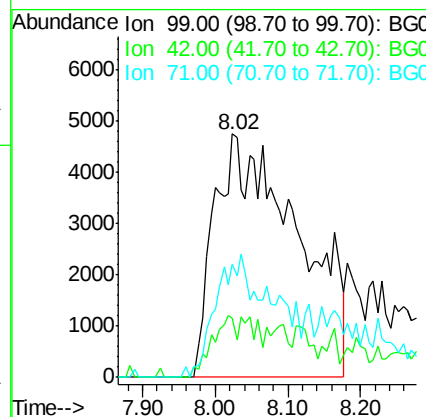
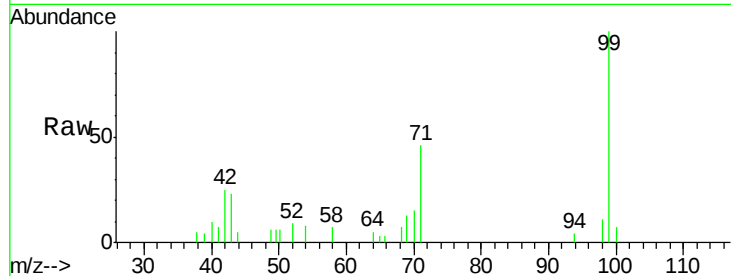
42 24.6 14.1 21.1#

71 46.4 26.1 39.1#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BG033830.D

Acq: 17 Apr 2018 1:01

Tgt Ion: 136 Resp: 100939

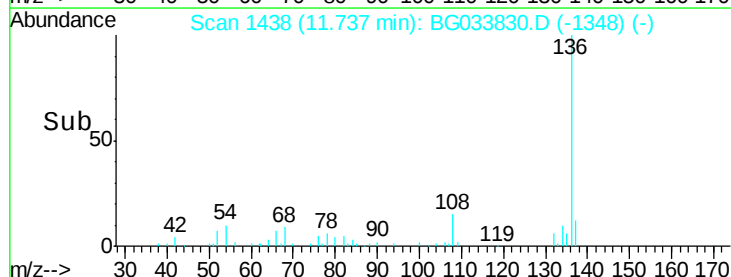
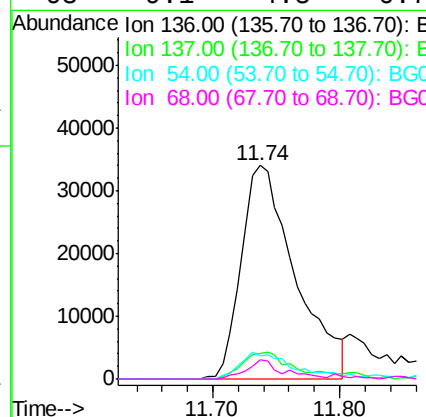
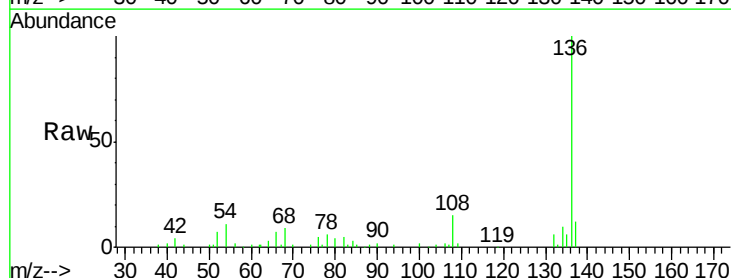
Ion Ratio Lower Upper

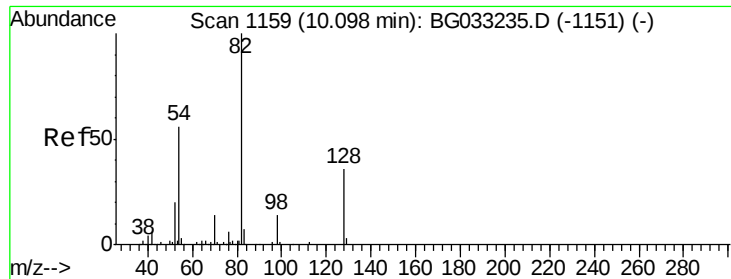
136 100

137 11.7 9.2 13.8

54 10.7 10.3 15.5

68 9.1 4.5 6.7#





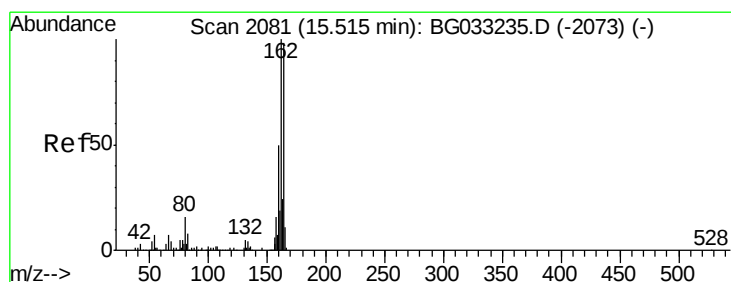
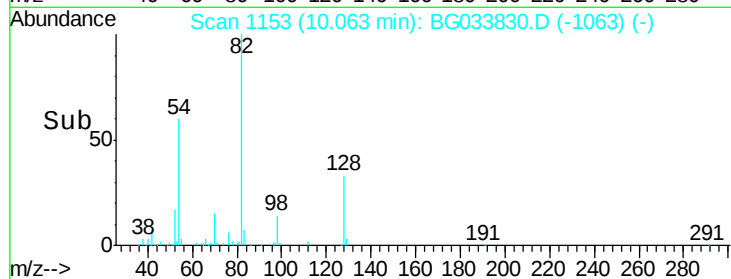
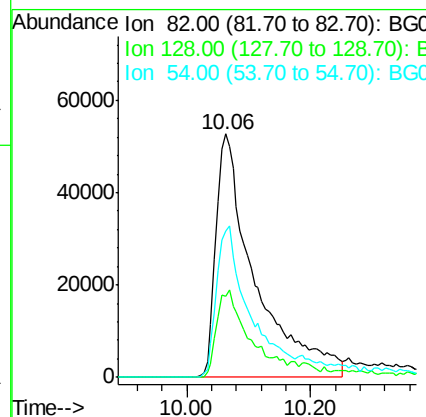
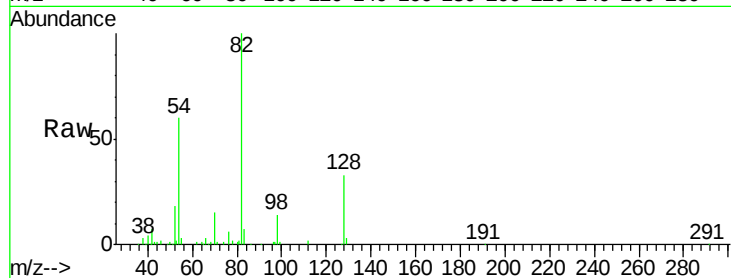
#23
 Nitrobenzene-d5
 Concen: 104.781 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033830.D
 Acq: 17 Apr 2018 1:01

Instrument :
 BNA_G
 ClientSampleId :
 041218-DBRI-F-U-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.1	29.7	44.5
54	60.3	43.1	64.7

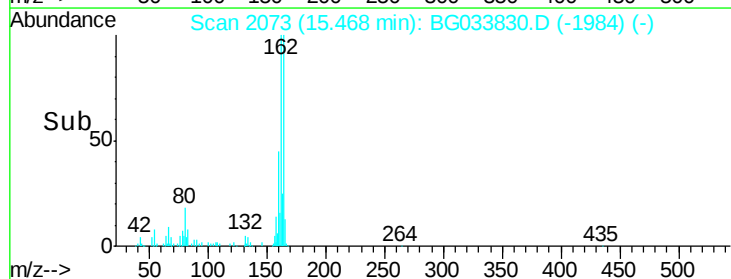
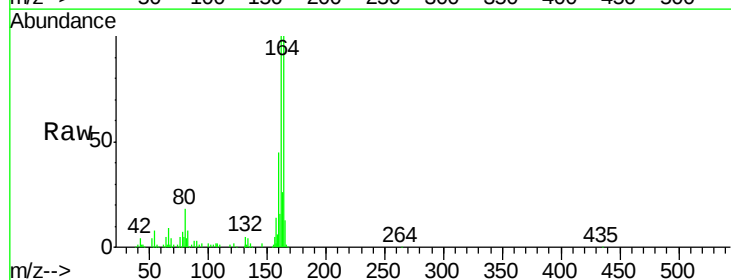
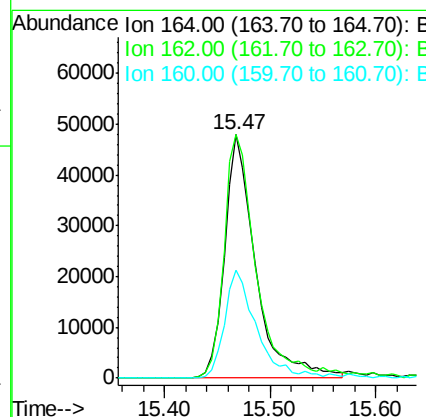
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033830.D
 Acq: 17 Apr 2018 1:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.8	118.2
160	44.6	35.4	53.0





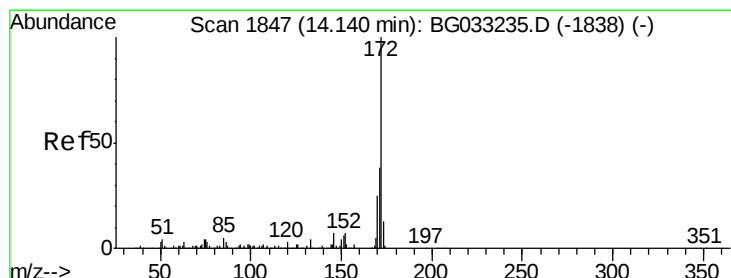
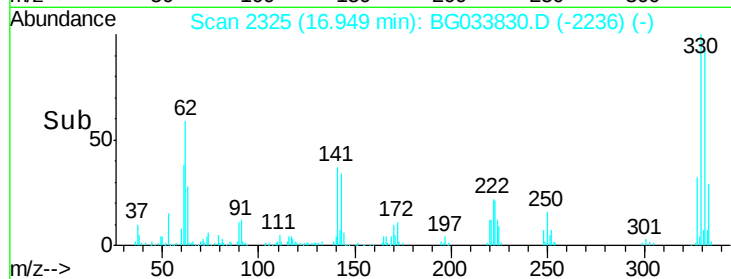
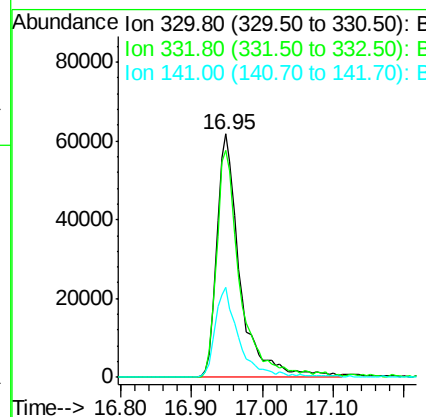
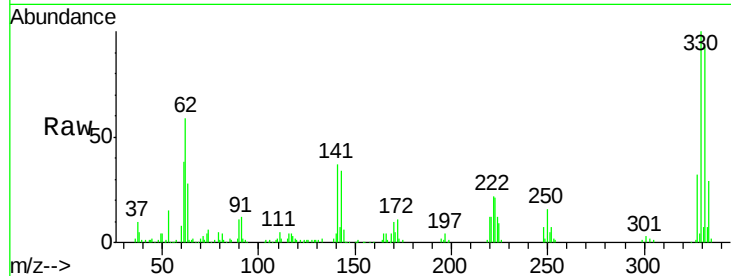
#41
 2,4,6-Tribromophenol
 Concen: 96.805 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033830.D
 Acq: 17 Apr 2018 1:01

Instrument :
 BNA_G
 ClientSampleId :
 041218-DBRI-F-U-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.6	77.0	115.6	
141	37.2	25.2	37.8	

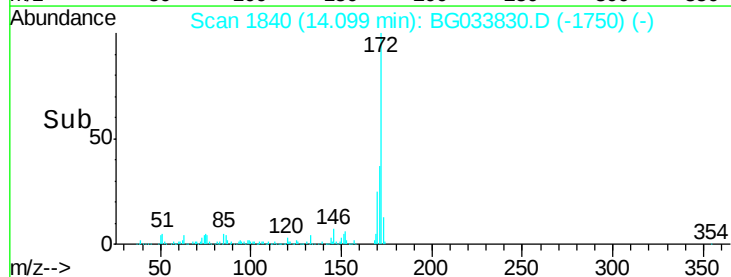
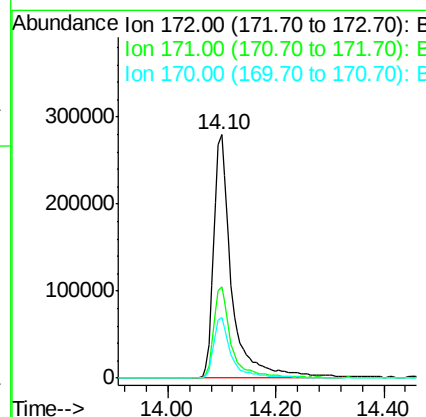
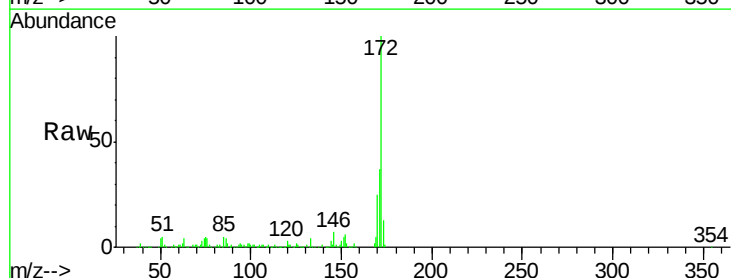
Manual Integrations
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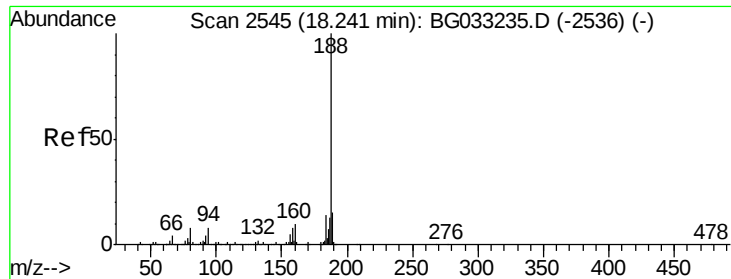
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#44
 2-Fluorobiphenyl
 Concen: 96.916 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033830.D
 Acq: 17 Apr 2018 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.5	30.0	45.0	
170	24.9	19.5	29.3	





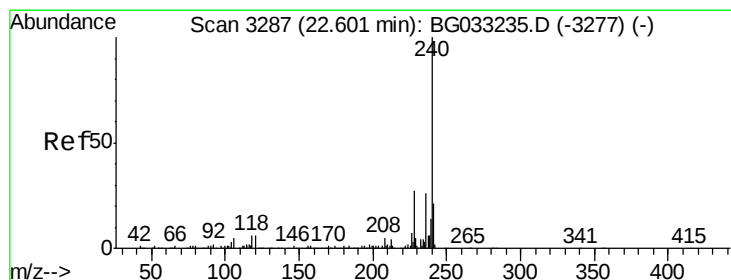
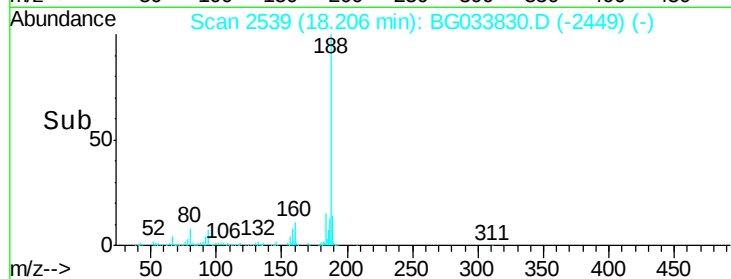
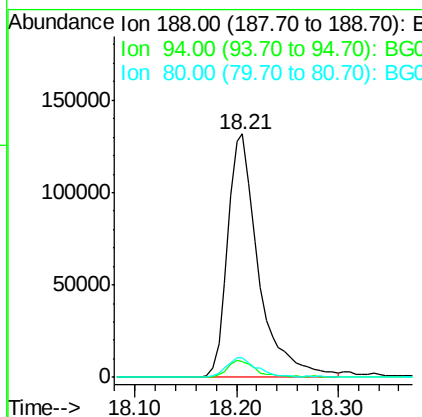
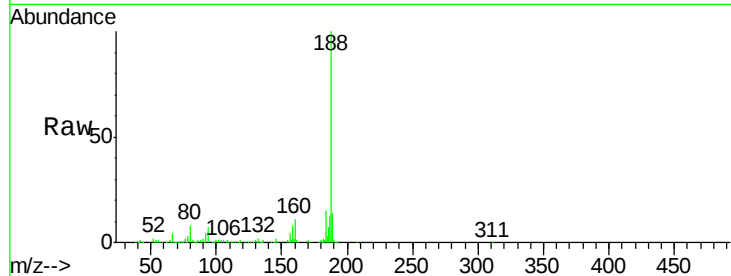
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033830.D
Acq: 17 Apr 2018 1:01

Instrument :
BNA_G
ClientSampleId :
041218-DBRI-F-U-S

Tot Ion	Ratio	Resp	Lower	Upper
188	100	278864		
94	6.7		6.9	10.3#
80	8.2		7.7	11.5

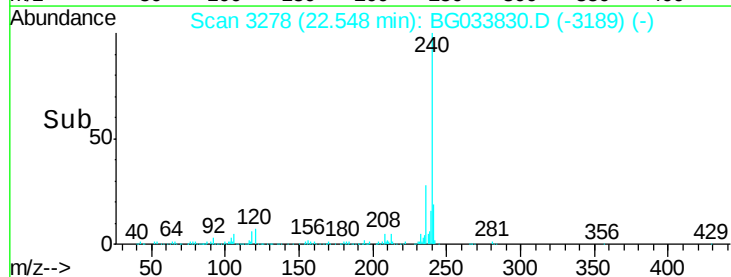
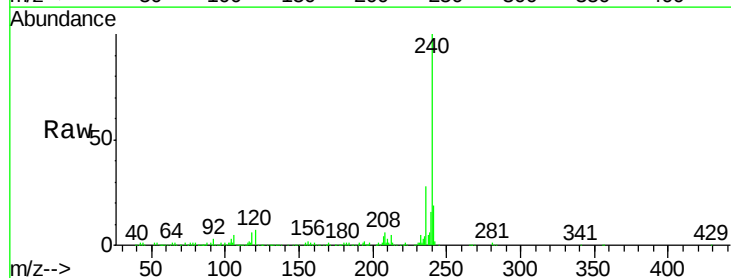
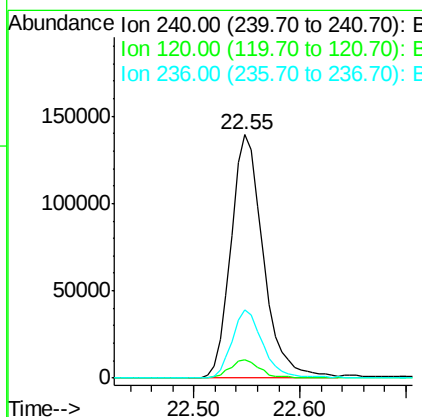
Manual Integrations
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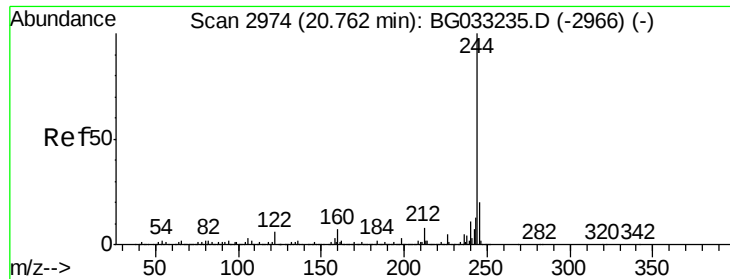
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033830.D
Acq: 17 Apr 2018 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	295110		
120	7.3		6.8	10.2
236	28.1		20.9	31.3





#78

Terphenyl-d14

Concen: 100.387 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG033830.D

Acq: 17 Apr 2018 1:01

Instrument :

BNA_G

ClientSampleId :

041218-DBRI-F-U-S

Tot Ion:244 Resp: 1385258

Ion Ratio Lower Upper

244 100

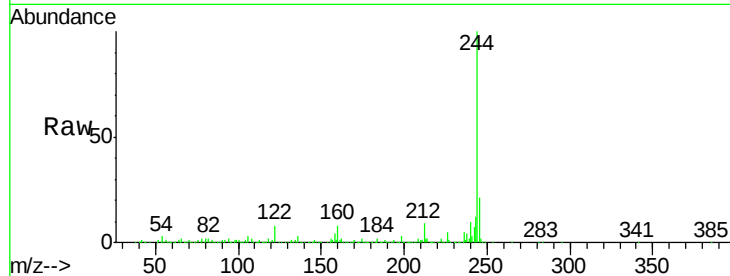
212 8.7 5.8 8.8

122 7.8 7.0 10.4

Manual Integrations
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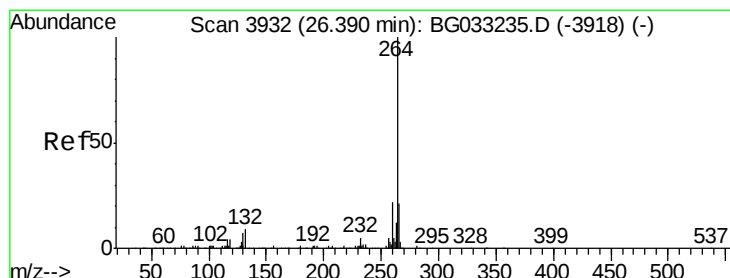
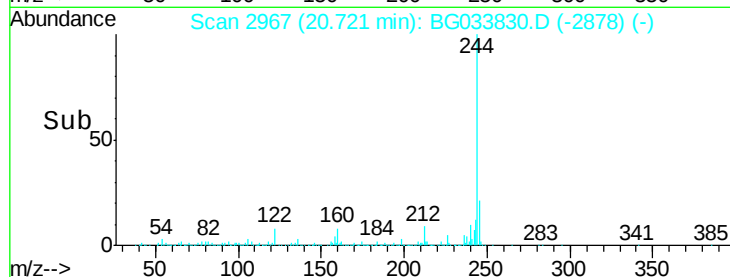
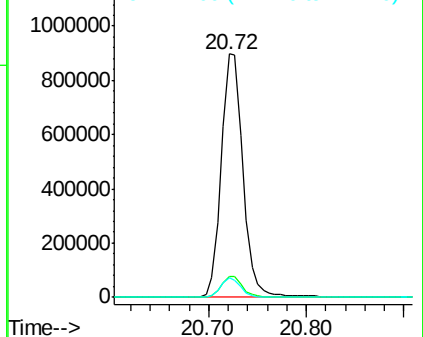
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.32 min Scan# 3920

Delta R.T. -0.01 min

Lab File: BG033830.D

Acq: 17 Apr 2018 1:01

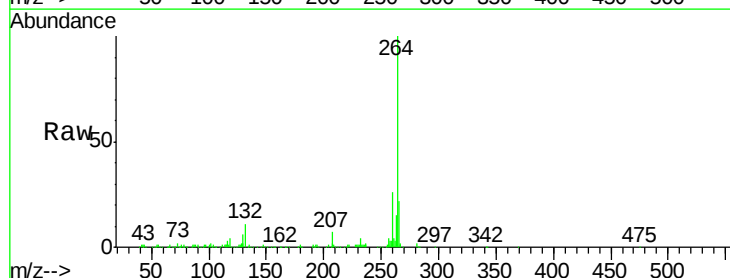
Tgt Ion:264 Resp: 316153

Ion Ratio Lower Upper

264 100

260 25.9 17.4 26.0

265 22.0 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

