

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033823.D
 Acq On : 16 Apr 2018 19:22
 Operator : SJ/JU
 Sample : J2391-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 4/17/2018 5:20:45 PM

Quant Time: Apr 17 04:20:57 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	19959	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	109130	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	90694	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	269287	20.00	ng	0.00
75) Chrysene-d12	22.55	240	283313	20.00	ng	0.00
86) Perylene-d12	26.31	264	308193	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	50612m	47.55	ng	0.00
7) Phenol-d6	8.01	99	51793m	28.32	ng	0.02
23) Nitrobenzene-d5	10.06	82	200473	84.40	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	129733	95.64	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	564743	89.89	ng	0.00
78) Terphenyl-d14	20.72	244	1279106	96.55	ng	0.00

Target Compounds Qvalue

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

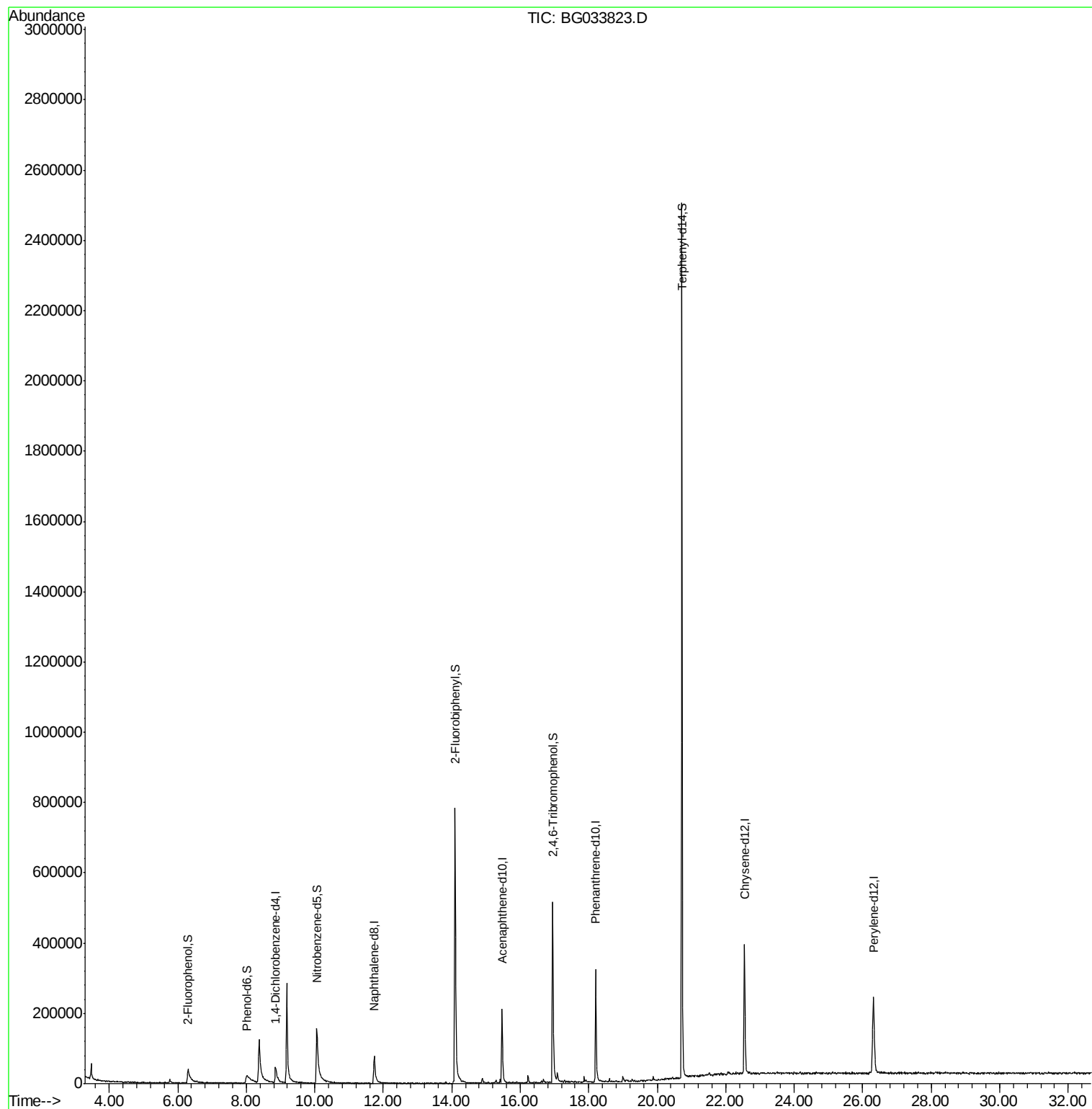
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
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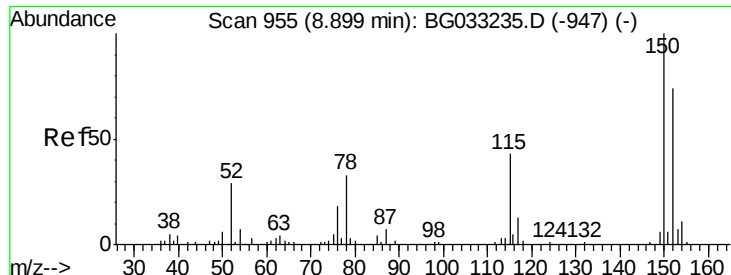
Instrument :
BNA_G
ClientSampleId :
041218-DBRI-F-U-B

Manual Integrations
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Quant Time: Apr 17 04:20:57 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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#1

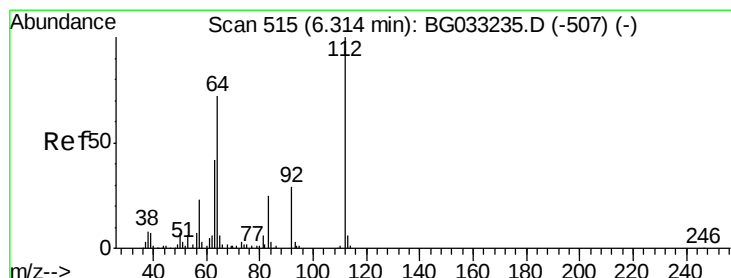
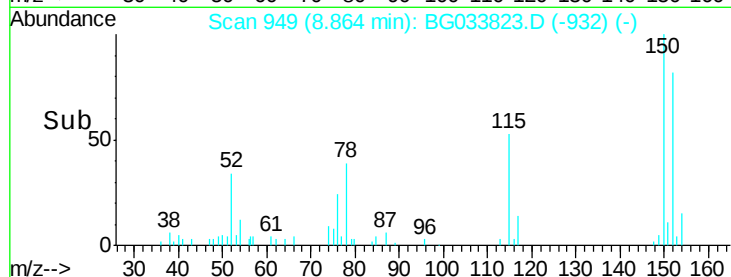
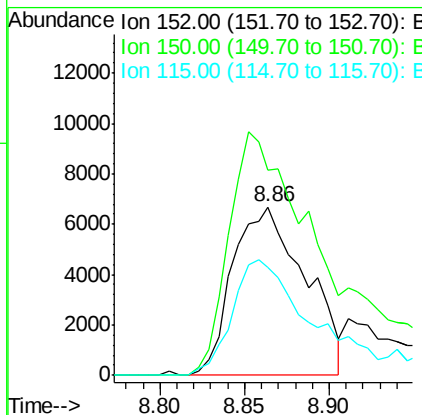
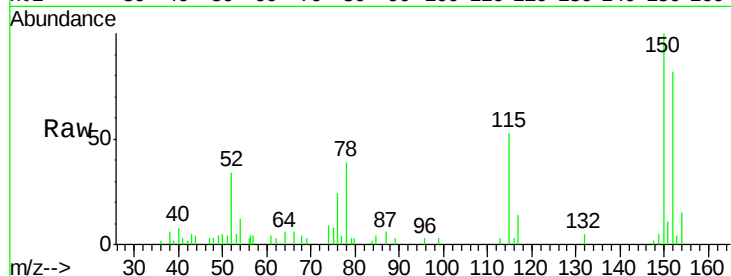
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	122.1	126.6	189.8#
115	64.4	53.0	79.4

Manual Integrations
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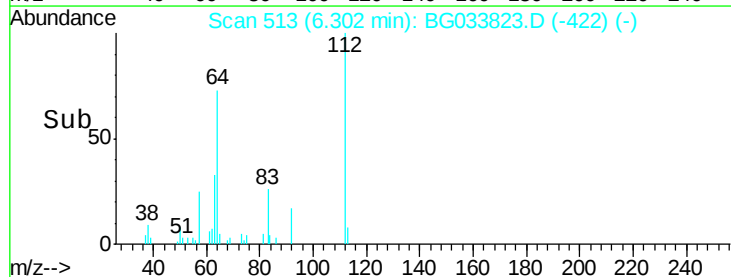
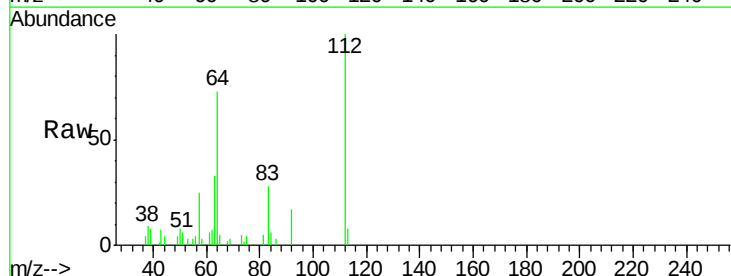
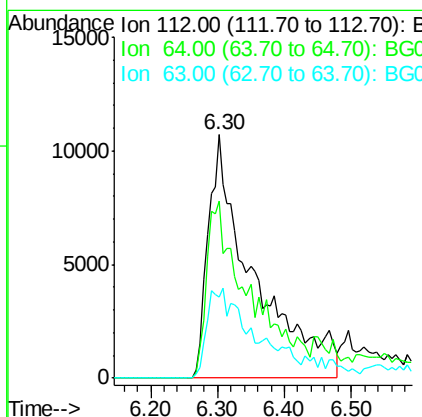
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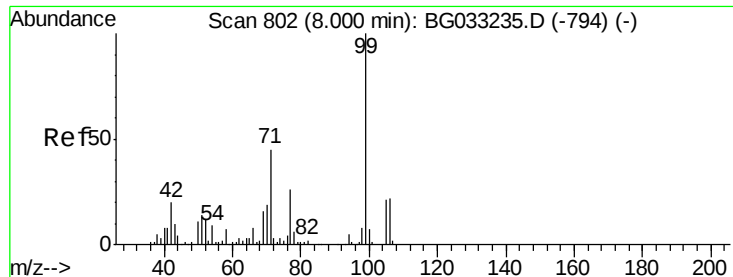


#5

2-Fluorophenol
Concen: 47.549 ng m
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	56.3	84.5
63	33.3	30.1	45.1





#7

Phenol-d6

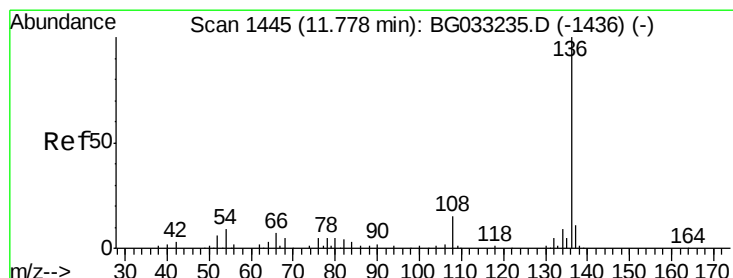
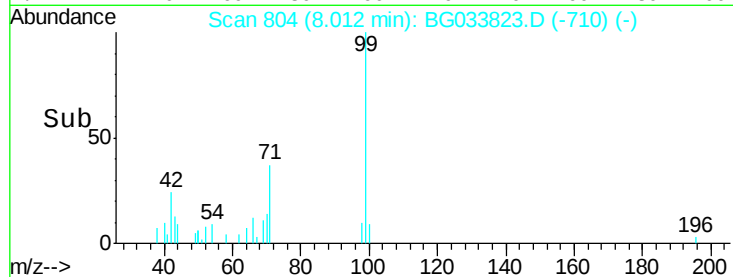
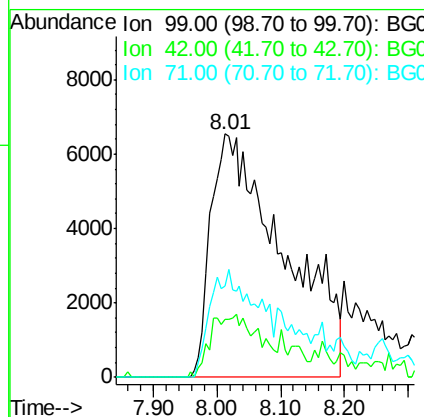
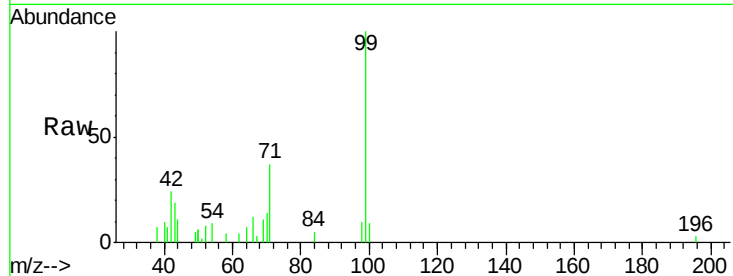
Concen: 28.320 ng/ml
 RT: 8.01 min Scan# 804
 Delta R.T. 0.02 min
 Lab File: BG033823.D
 Acq: 16 Apr 2018 19:22

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		51793		
42	23.7	14.1	21.1#		
71	37.3	26.1	39.1		

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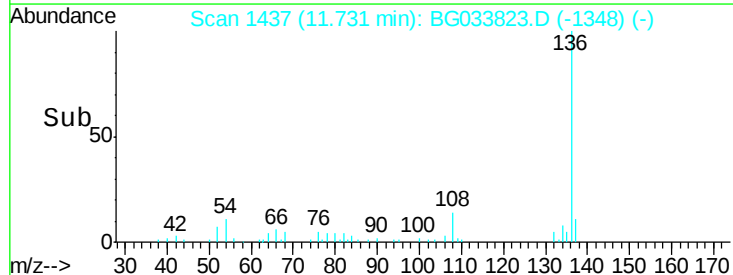
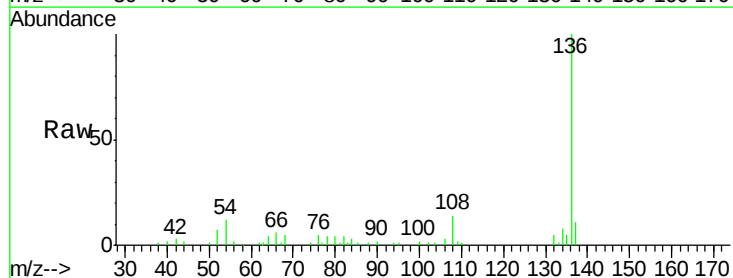
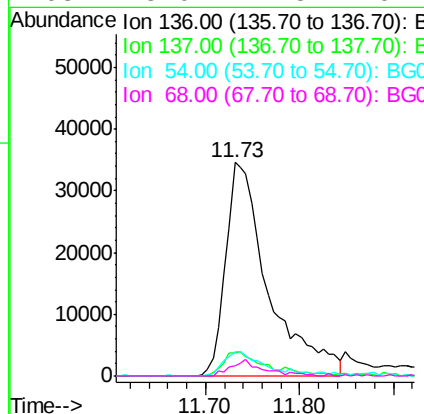


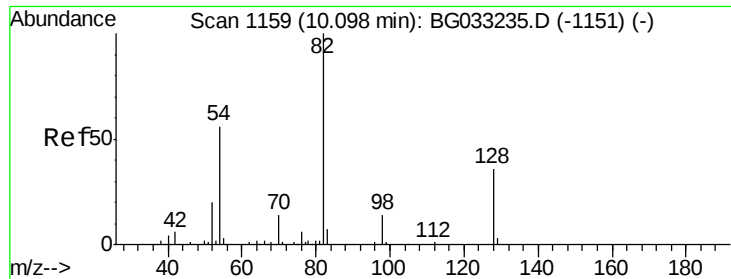
#21

Naphthalene-d8

Concen: 20.000 ng
 RT: 11.73 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BG033823.D
 Acq: 16 Apr 2018 19:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		109130		
137	10.6	9.2	13.8		
54	11.7	10.3	15.5		
68	5.0	4.5	6.7		





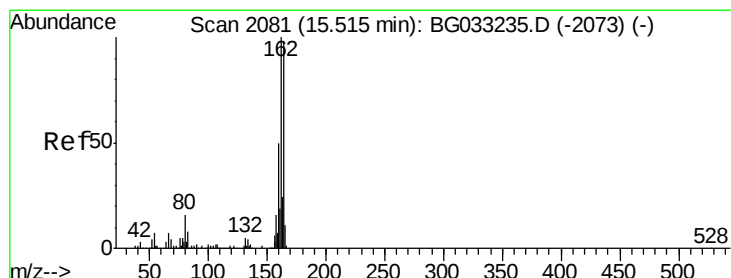
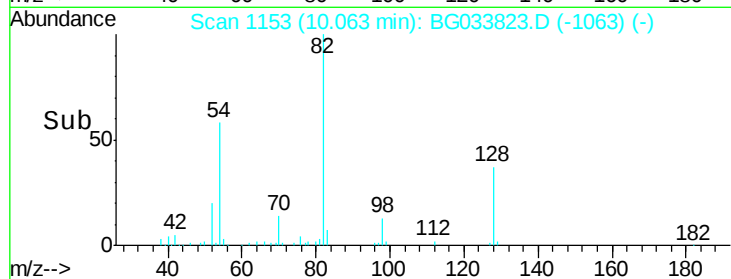
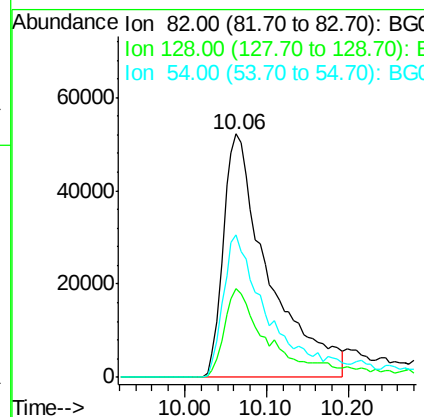
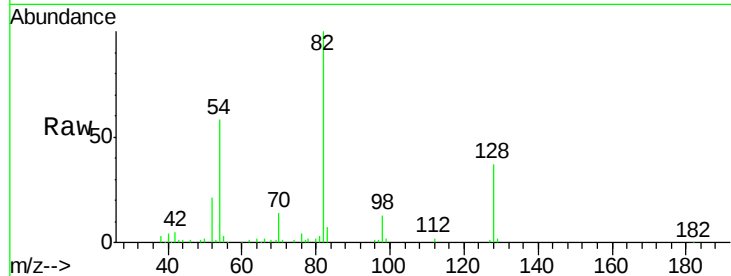
#23
Nitrobenzene-d5
Concen: 84.400 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.7	44.5
54	58.4	43.1	64.7

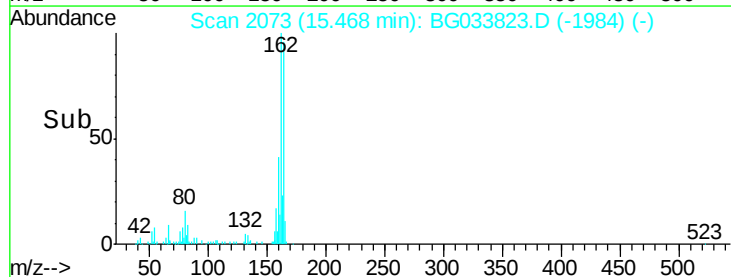
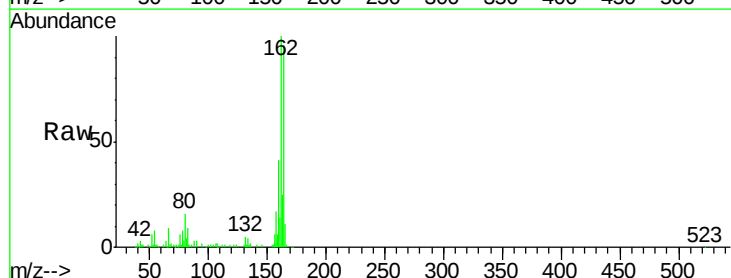
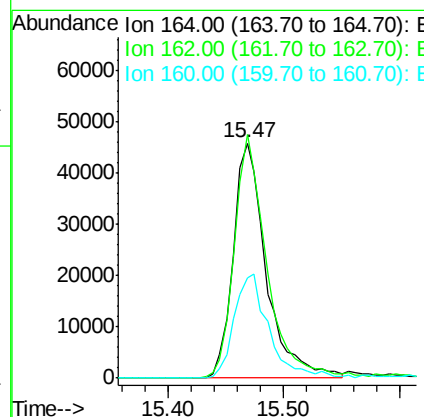
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.8	118.2
160	43.0	35.4	53.0





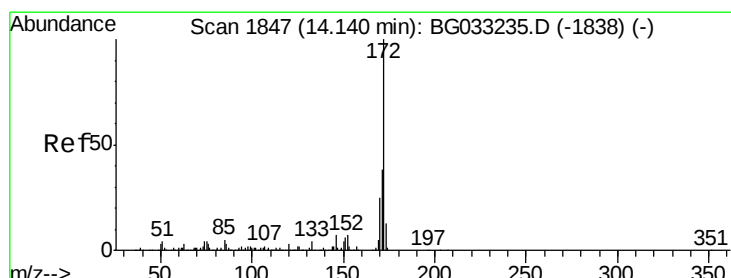
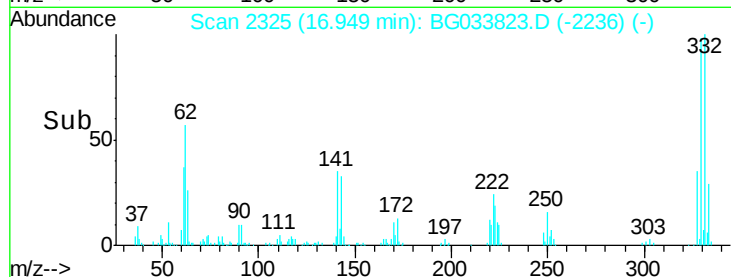
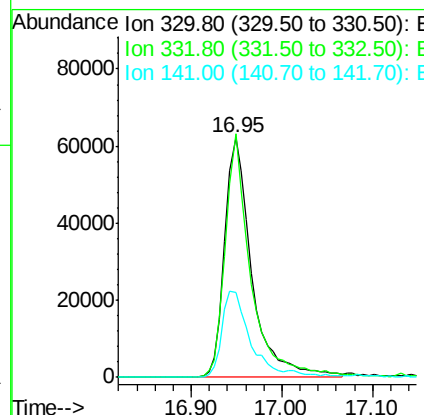
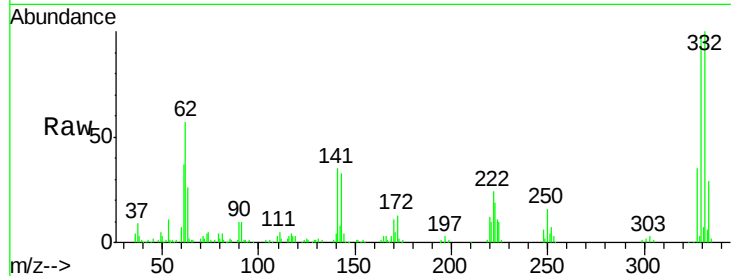
#41
 2,4,6-Tribromophenol
 Concen: 95.643 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033823.D
 Acq: 16 Apr 2018 19:22

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.0	115.6	
141	35.9	25.2	37.8	

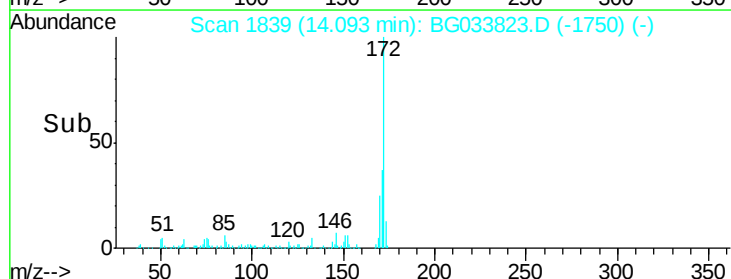
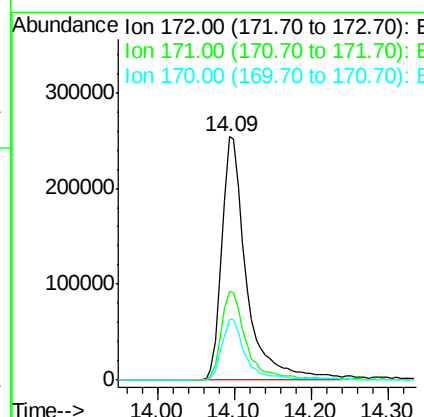
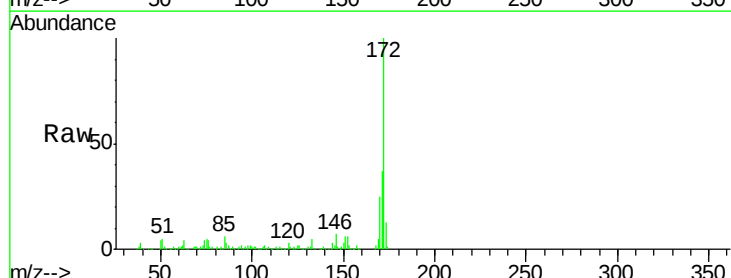
Manual Integrations
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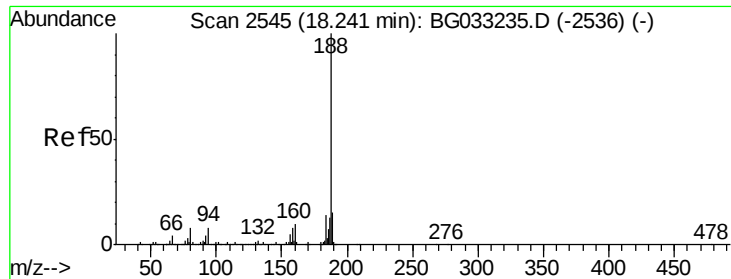
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#44
 2-Fluorobiphenyl
 Concen: 89.894 ng
 RT: 14.09 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG033823.D
 Acq: 16 Apr 2018 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	30.0	45.0	
170	25.0	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: BG033823.D

Acq: 16 Apr 2018 19:22

Instrument :

BNA_G

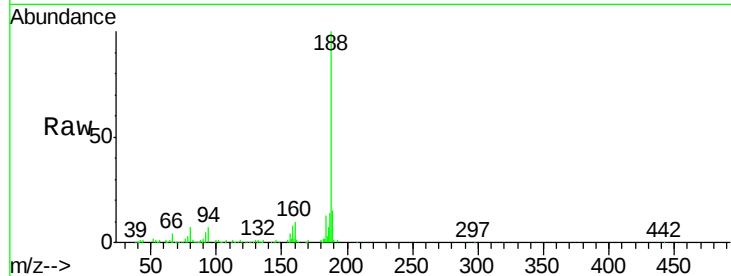
ClientSampleId :

041218-DBRI-F-U-B

Tot Ion:	188	Resp:	269287
Ion Ratio	Lower	Upper	
188	100		
94	7.1	6.9	10.3
80	6.9	7.7	11.5#

Manual Integrations
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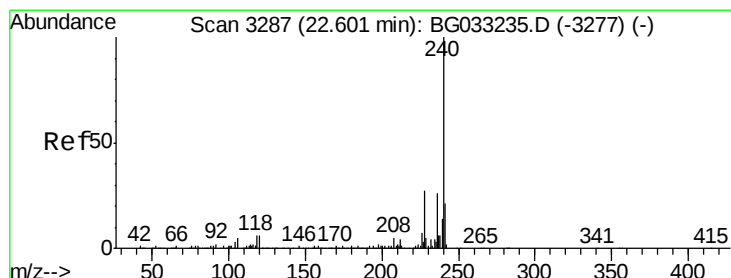
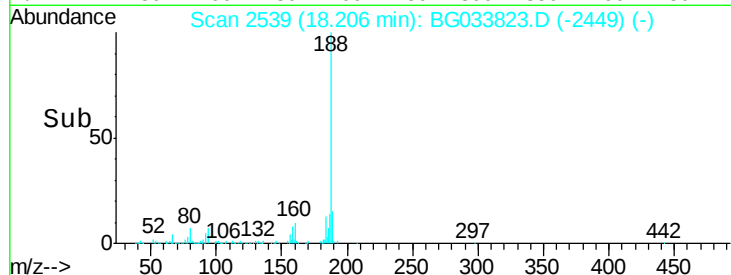
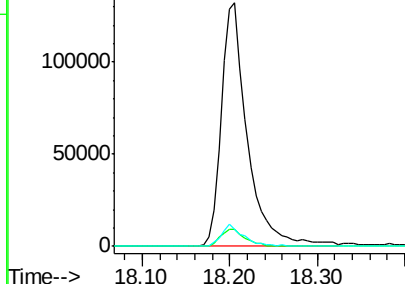
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033823.D

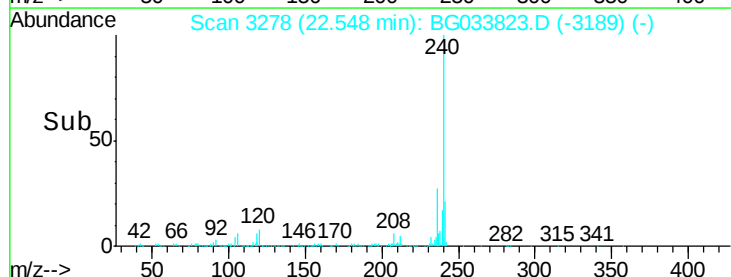
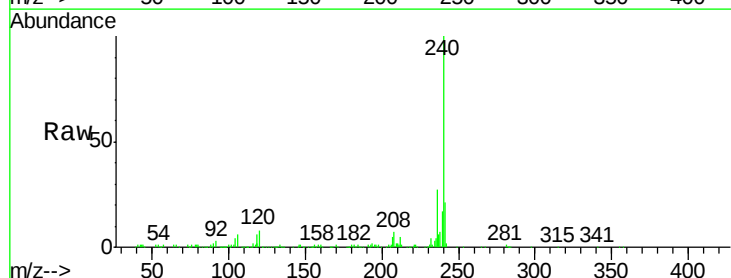
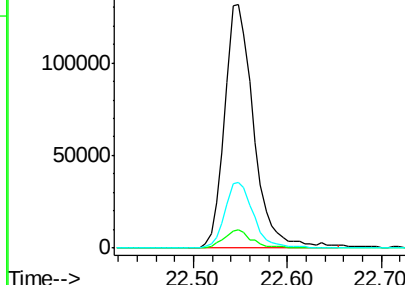
Acq: 16 Apr 2018 19:22

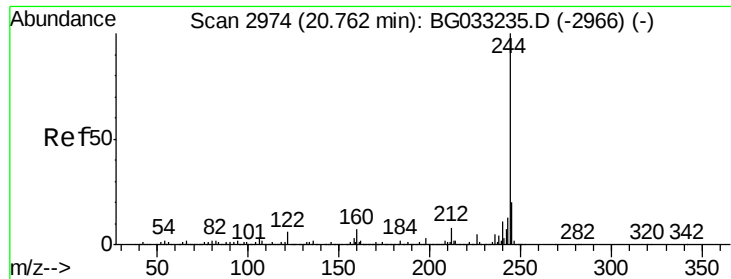
Tgt Ion:	240	Resp:	283313
Ion Ratio	Lower	Upper	
240	100		
120	7.7	6.8	10.2
236	27.1	20.9	31.3

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.554 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG033823.D

Acq: 16 Apr 2018 19:22

Instrument :

BNA_G

ClientSampleId :

041218-DBRI-F-U-B

Tot Ion:244 Resp: 1279106

Ion Ratio Lower Upper

244 100

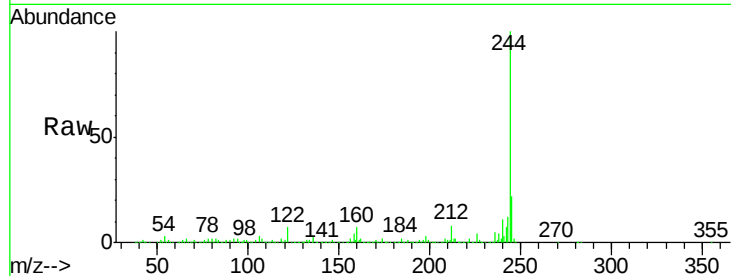
212 8.4 5.8 8.8

122 7.5 7.0 10.4

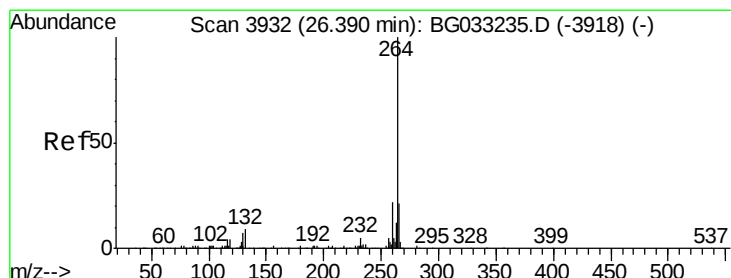
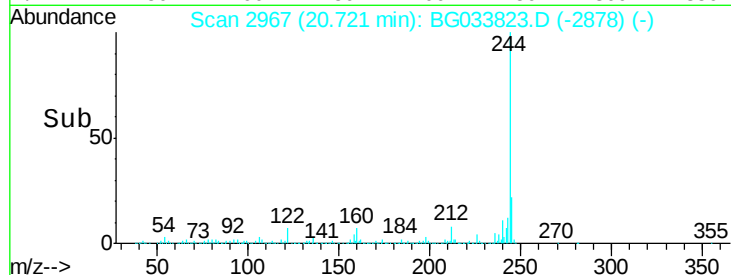
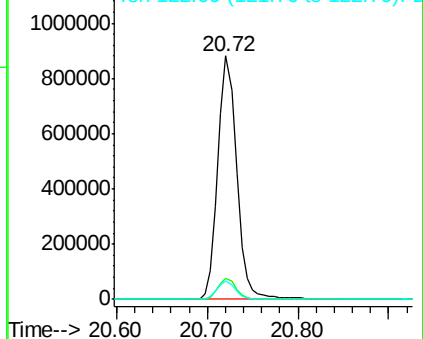
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Abundance Ion 244.00 (243.70 to 244.70): E
1200000
Ion 212.00 (211.70 to 212.70): E
1000000
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.31 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BG033823.D

Acq: 16 Apr 2018 19:22

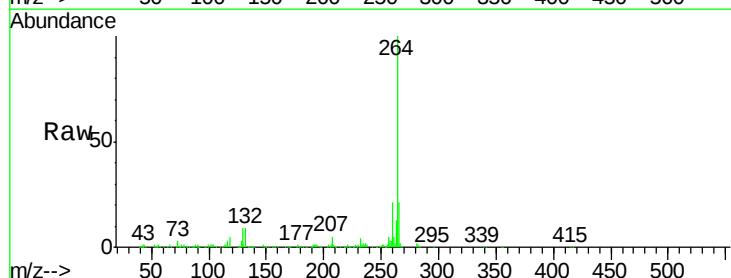
Tgt Ion:264 Resp: 308193

Ion Ratio Lower Upper

264 100

260 21.2 17.4 26.0

265 21.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
120000
Ion 260.00 (259.70 to 260.70): E
100000
Ion 265.00 (264.70 to 265.70): E

