

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
 Data File : BG033855.D
 Acq On : 17 Apr 2018 21:37
 Operator : SJ/JU
 Sample : J2411-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-3

Manual Integrations
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Quant Time: Apr 18 05:10:39 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	8.83	152	23525	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	126606	20.00	ng	0.00
38) Acenaphthene-d10	15.45	164	105324	20.00	ng	0.00
63) Phenanthrene-d10	18.18	188	312162	20.00	ng	-0.01
75) Chrysene-d12	22.52	240	312605	20.00	ng	-0.02
86) Perylene-d12	26.26	264	306069	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.26	112	233869m	186.41	ng	0.00
7) Phenol-d6	7.96	99	333761	154.83	ng	0.00
23) Nitrobenzene-d5	10.03	82	289974	105.23	ng	0.00
41) 2,4,6-Tribromophenol	16.92	330	259876	164.98	ng	-0.01
44) 2-Fluorobiphenyl	14.07	172	747522	102.46	ng	0.00
78) Terphenyl-d14	20.70	244	1538145	105.23	ng	0.00

Target Compounds Qvalue

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

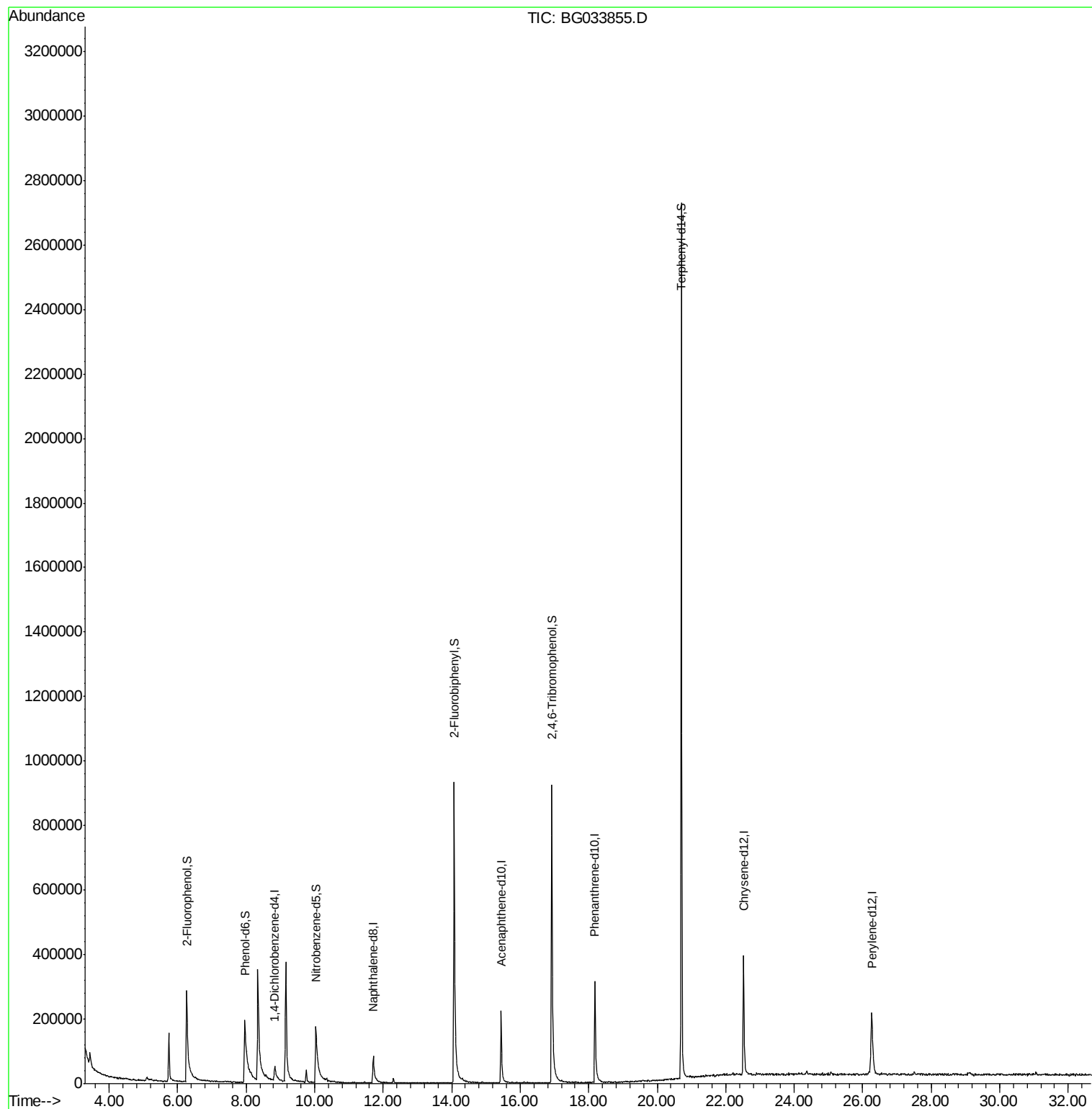
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
Data File : BG033855.D
Acq On : 17 Apr 2018 21:37
Operator : SJ/JU
Sample : J2411-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

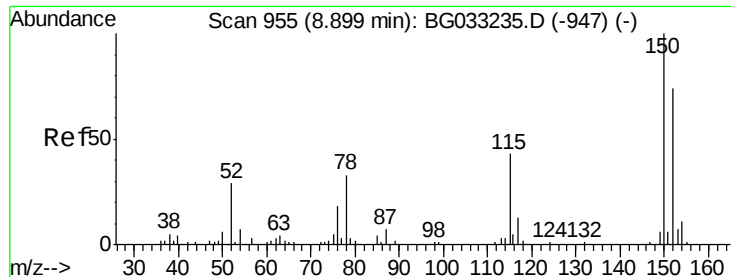
Instrument :
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#1

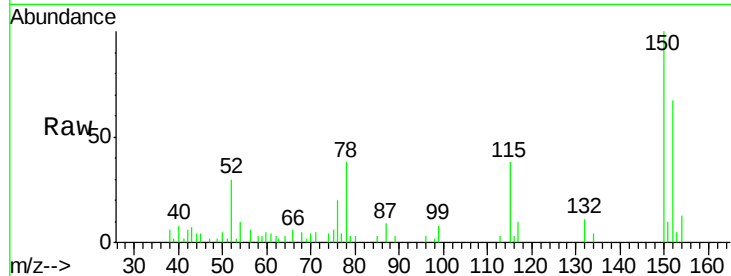
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG033855.D
Acq: 17 Apr 2018 21:37

Instrument :
BNA_G
ClientSampleId :
DRUM-1-3

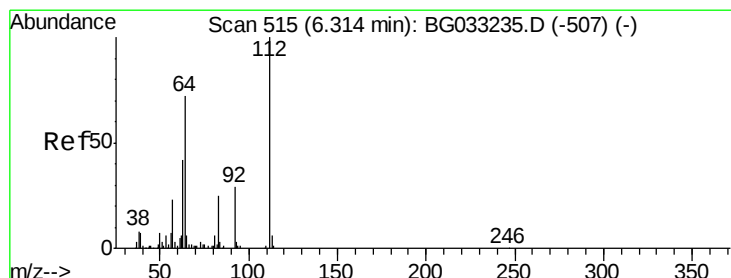
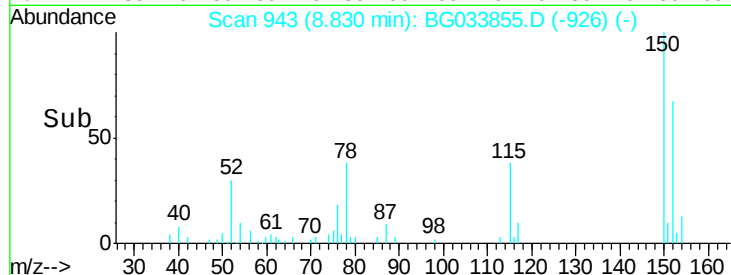
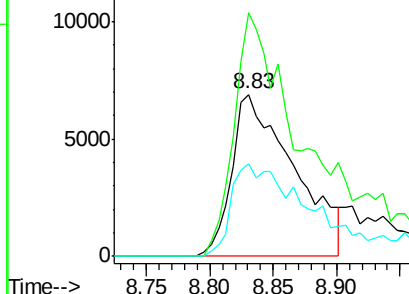
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	126.6	189.8
115	57.0	53.0	79.4

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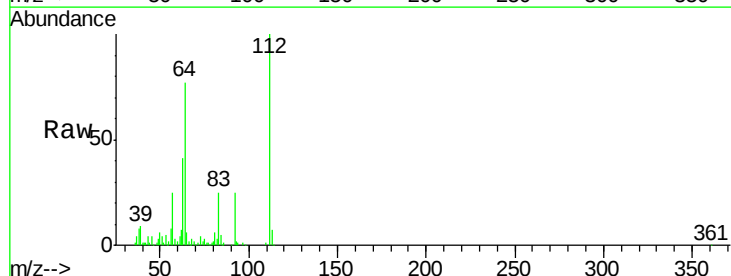
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



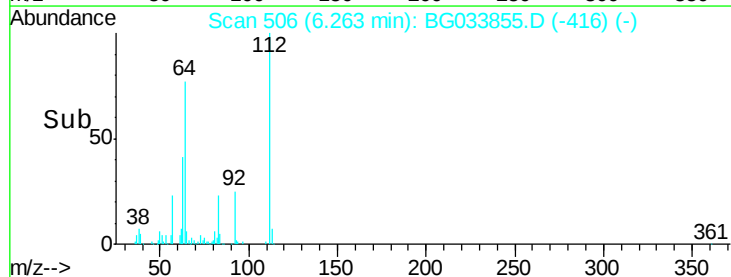
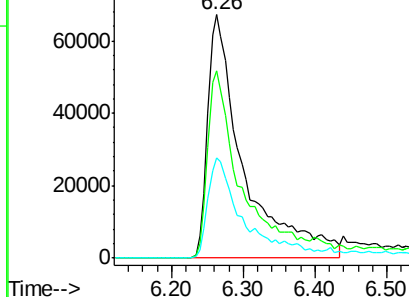
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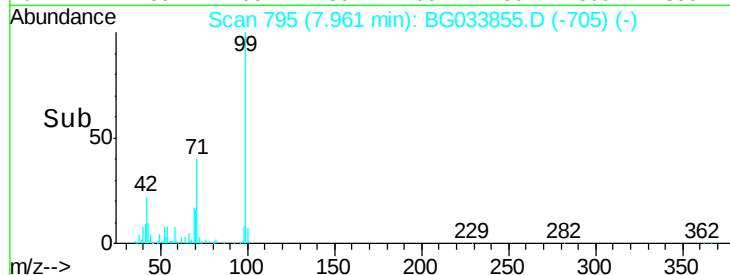
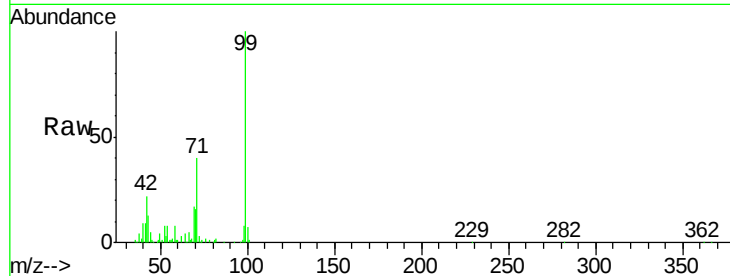
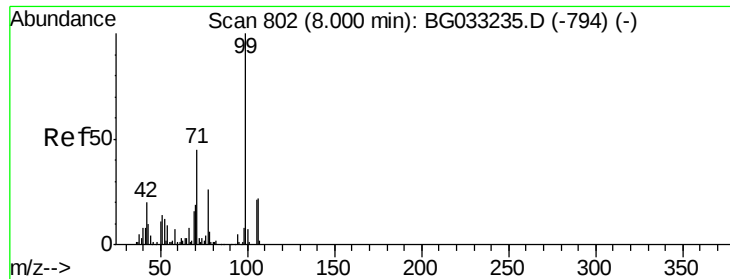
2-Fluorophenol
Concen: 186.411 ng m
RT: 6.26 min Scan# 506
Delta R.T. -0.00 min
Lab File: BG033855.D
Acq: 17 Apr 2018 21:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.2	56.3	84.5
63	41.0	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: 154.832 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG033855.D

Acq: 17 Apr 2018 21:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		333761		
42	22.0	14.1	21.1#		
71	40.2	26.1	39.1#		

Instrument :

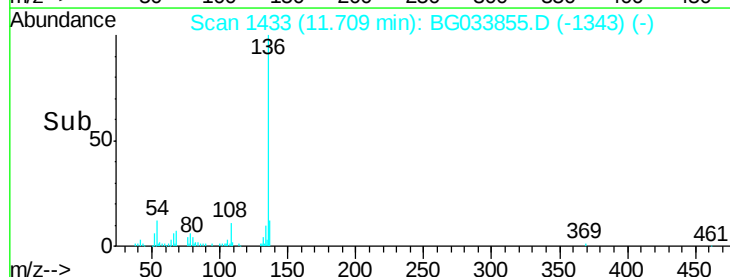
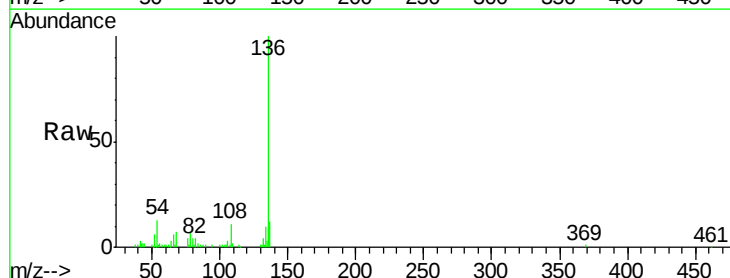
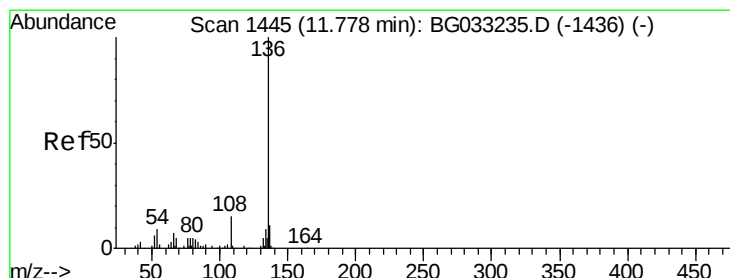
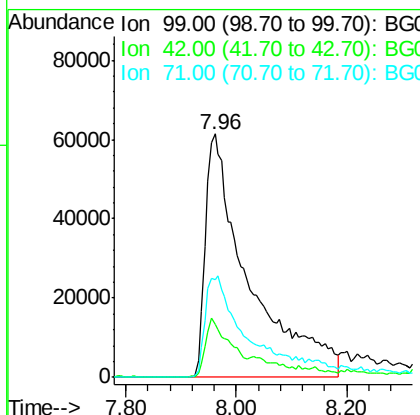
BNA_G

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

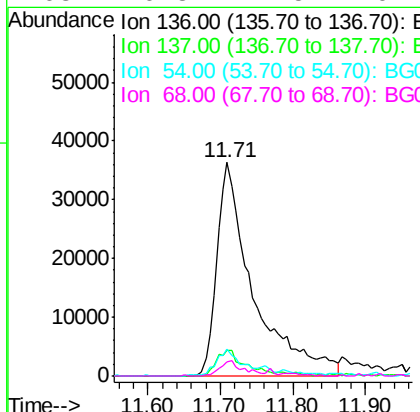
RT: 11.71 min Scan# 1433

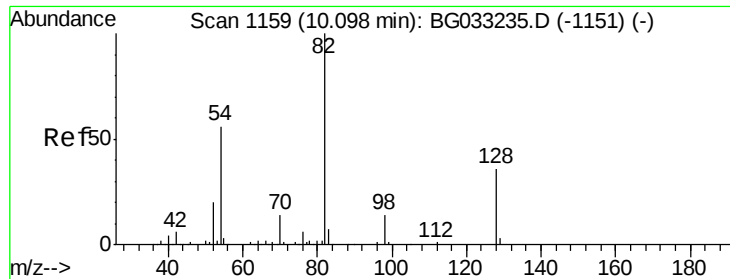
Delta R.T. -0.00 min

Lab File: BG033855.D

Acq: 17 Apr 2018 21:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		126606		
137	12.2	9.2	13.8		
54	12.7	10.3	15.5		
68	6.8	4.5	6.7#		





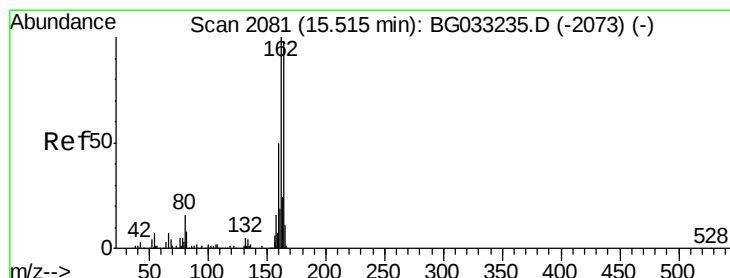
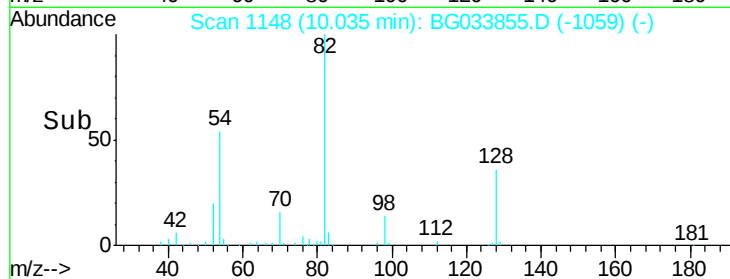
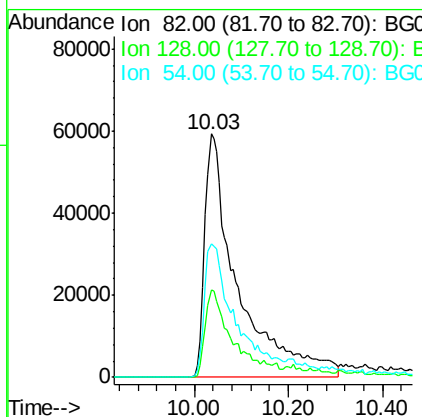
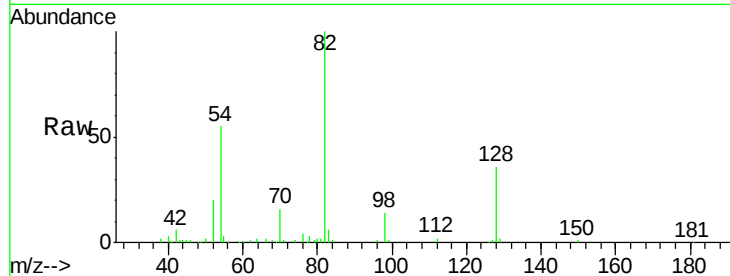
#23
 Nitrobenzene-d5
 Concen: 105.229 ng
 RT: 10.03 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BG033855.D
 Acq: 17 Apr 2018 21:37

Instrument :
 BNA_G
 ClientSampled :
 DRUM-1-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100	289974		
128	35.9	29.7	44.5	
54	54.7	43.1	64.7	

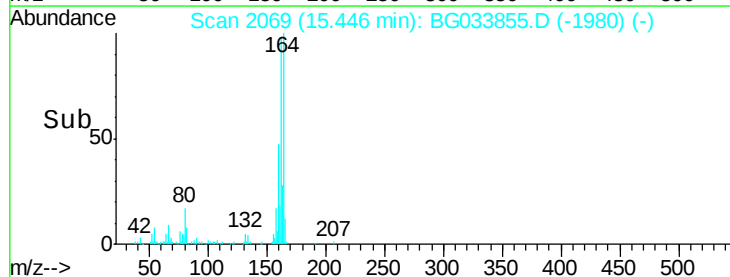
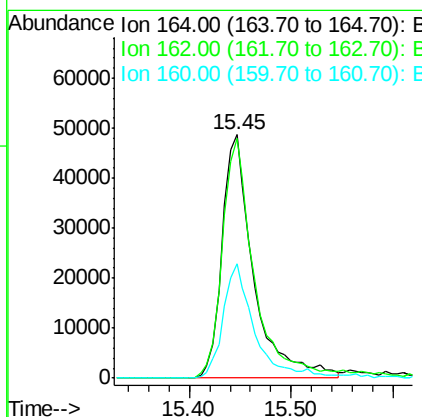
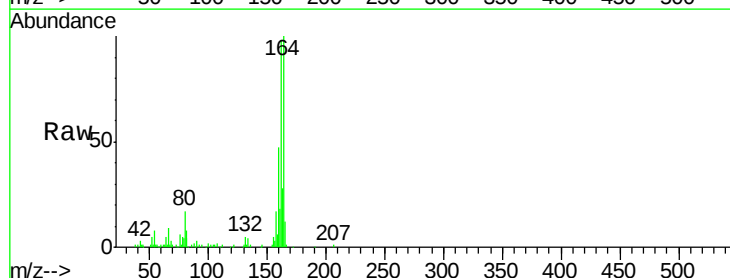
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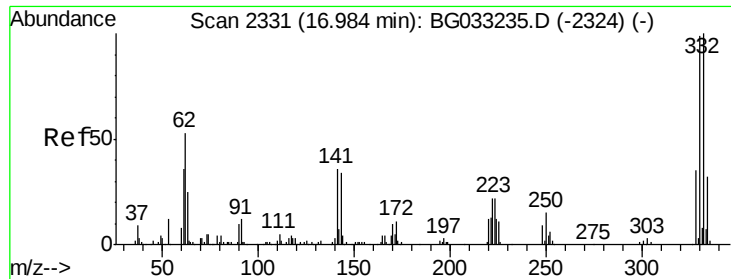
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BG033855.D
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105324		
162	98.3	78.8	118.2	
160	47.0	35.4	53.0	





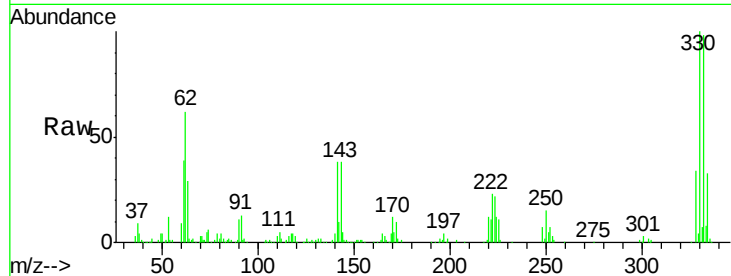
#41
 2,4,6-Tribromophenol
 Concen: 164.975 ng
 RT: 16.92 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG033855.D
 Acq: 17 Apr 2018 21:37

Instrument :
 BNA_G
 ClientSampled :
 DRUM-1-3

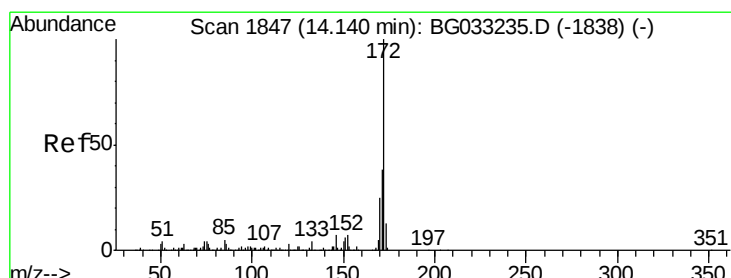
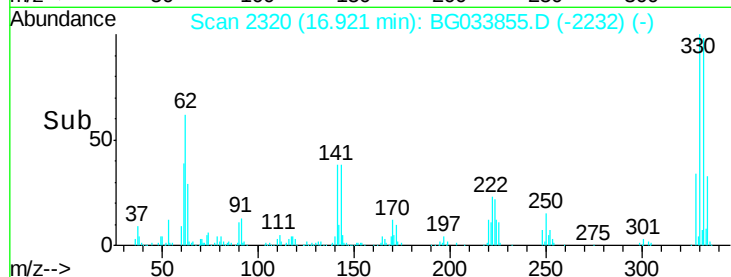
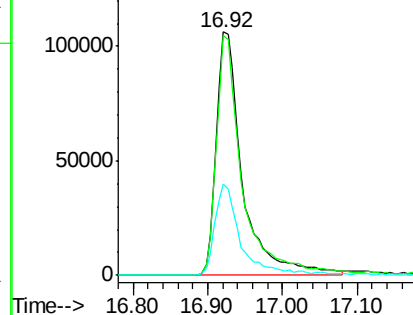
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	77.0	115.6	
141	36.1	25.2	37.8	

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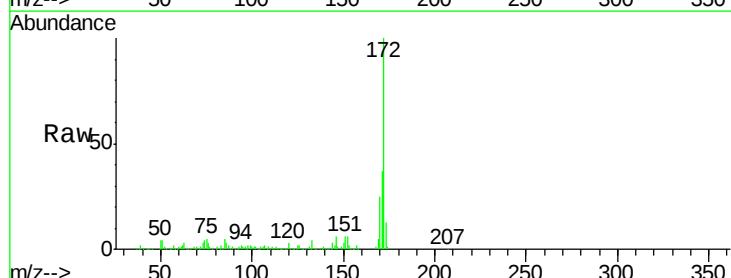


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

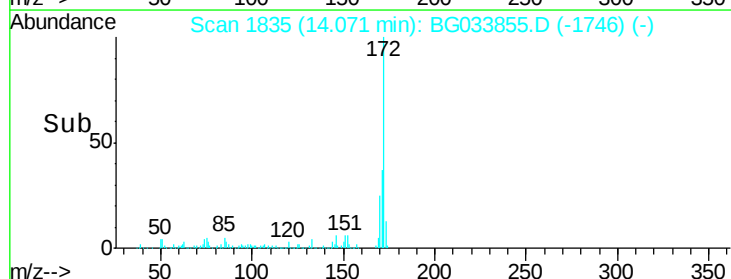
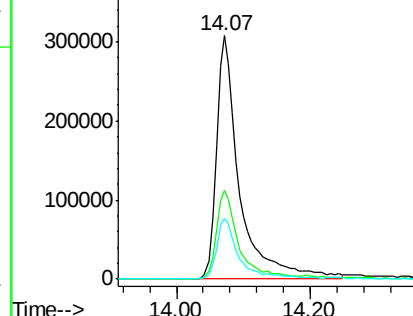


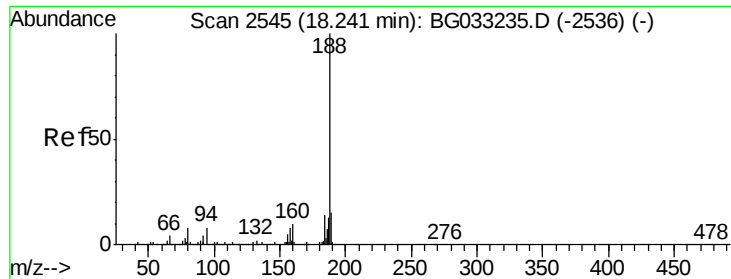
#44
 2-Fluorobiphenyl
 Concen: 102.460 ng
 RT: 14.07 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG033855.D
 Acq: 17 Apr 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	30.0	45.0	
170	25.1	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





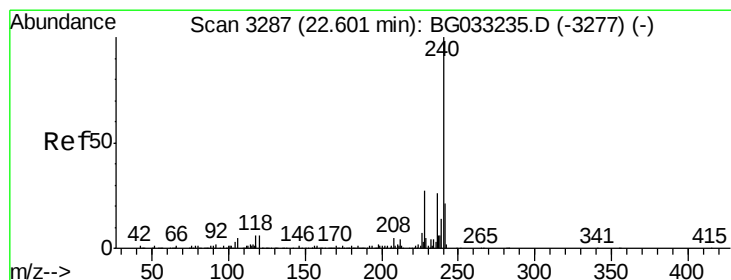
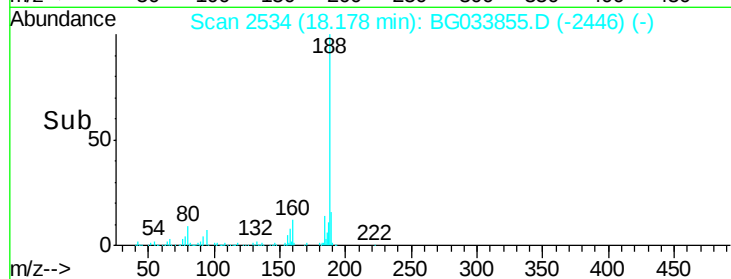
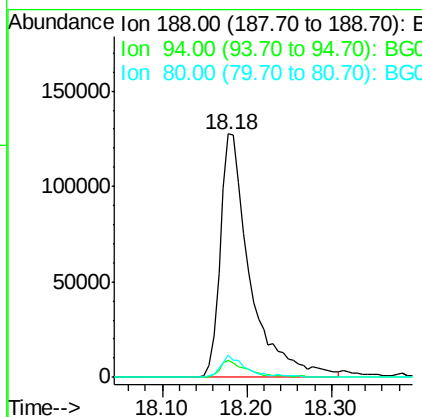
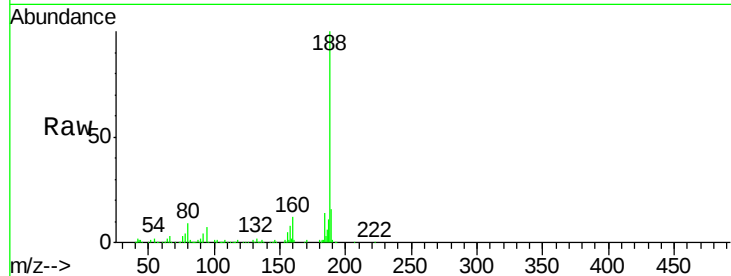
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.18 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BG033855.D
Acq: 17 Apr 2018 21:37

Instrument :
BNA_G
ClientSampleId :
DRUM-1-3

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.9	6.9	10.3#
80	8.9	7.7	11.5

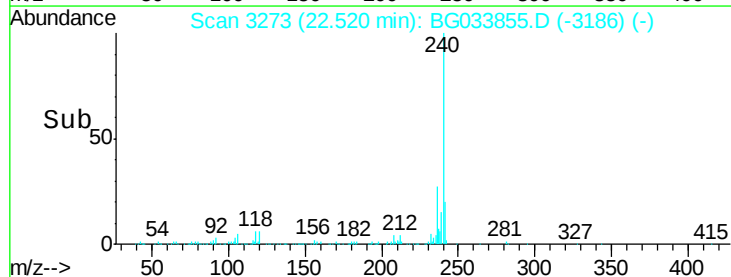
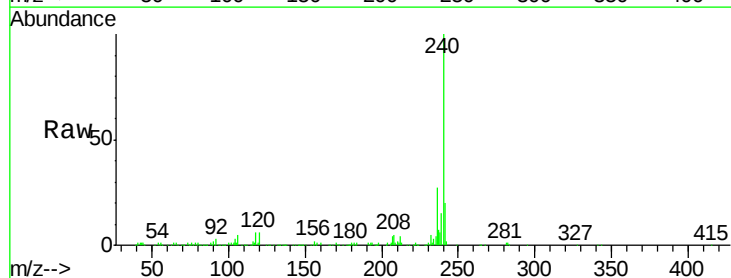
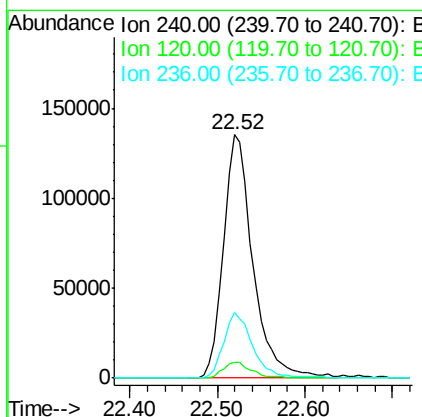
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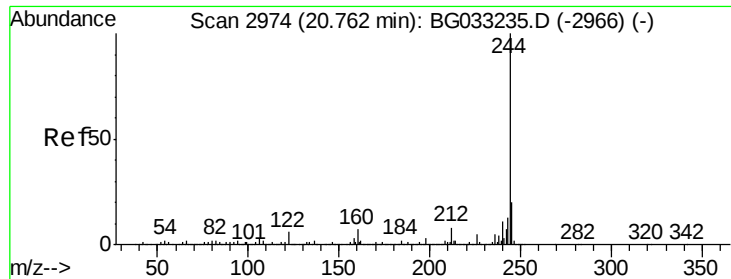
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.52 min Scan# 3273
Delta R.T. -0.02 min
Lab File: BG033855.D
Acq: 17 Apr 2018 21:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	6.3	6.8	10.2#
236	26.8	20.9	31.3





#78

Terphenyl-d14

Concen: 105.228 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BG033855.D

Acq: 17 Apr 2018 21:37

Instrument :

BNA_G

ClientSampleId :

DRUM-1-3

Tot Ion:244 Resp: 1538145

Ion Ratio Lower Upper

244 100

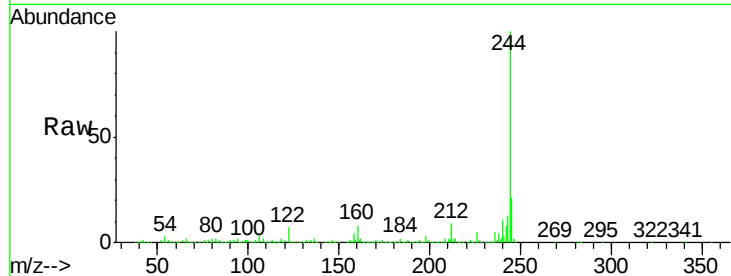
212 8.8 5.8 8.8#

122 6.9 7.0 10.4#

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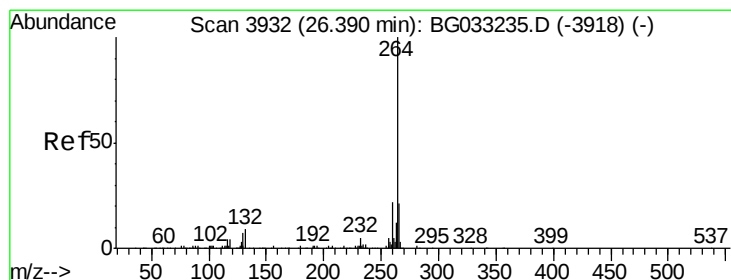
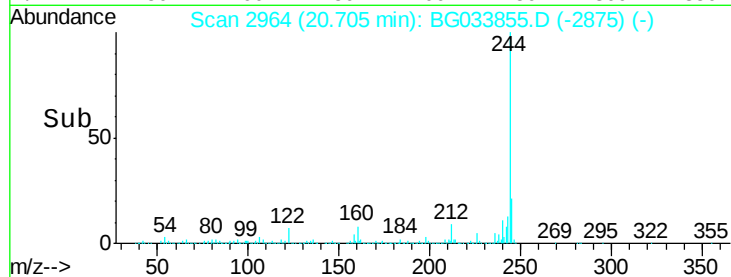
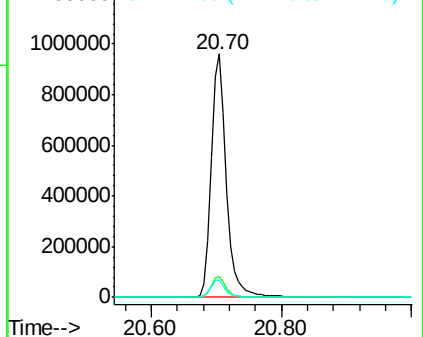
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.26 min Scan# 3910

Delta R.T. -0.05 min

Lab File: BG033855.D

Acq: 17 Apr 2018 21:37

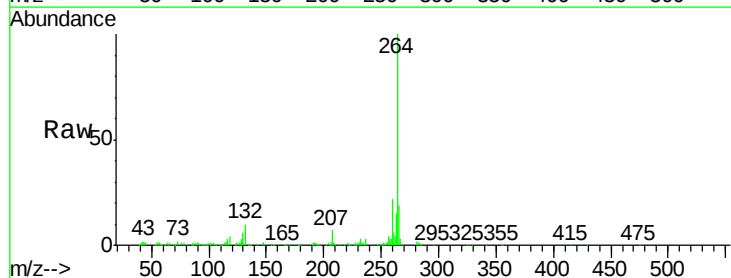
Tgt Ion:264 Resp: 306069

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 19.0 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

