

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033812.D
 Acq On : 16 Apr 2018 12:26
 Operator : SJ/JU
 Sample : J2348-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 281

Manual Integrations
 APPROVED

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Quant Time: Apr 16 14:10:16 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	22581	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	108474	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	85412	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	259382	20.00	ng	0.00
75) Chrysene-d12	22.55	240	286659	20.00	ng	0.00
86) Perylene-d12	26.32	264	304685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	243295	202.03	ng	0.00
7) Phenol-d6	7.99	99	349170m	168.75	ng	0.00
23) Nitrobenzene-d5	10.06	82	272885	115.58	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	232491	182.00	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	663421	112.13	ng	0.00
78) Terphenyl-d14	20.73	244	1589035	118.55	ng	0.00
Target Compounds						
76) Benzidine	20.39	184	28238m	3.632	ng	Qvalue

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

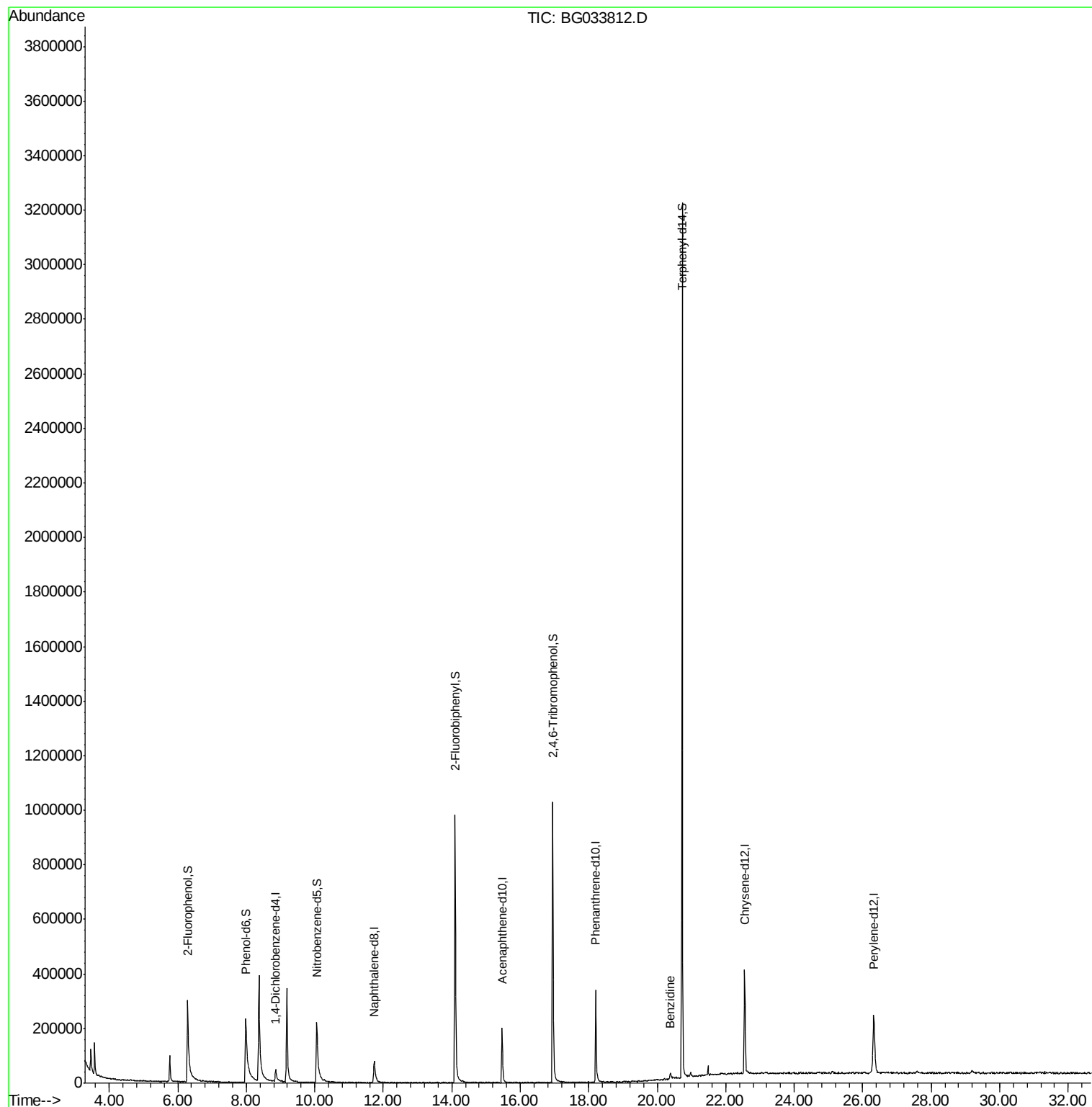
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033812.D
Acq On : 16 Apr 2018 12:26
Operator : SJ/JU
Sample : J2348-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

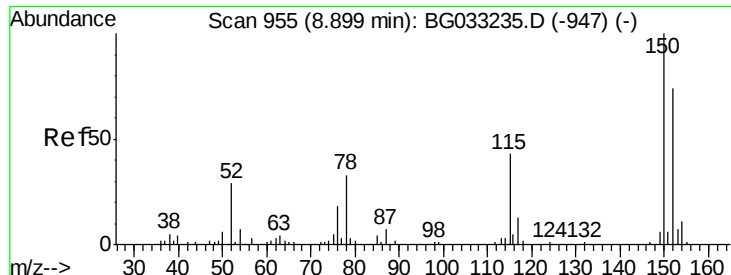
Instrument :
BNA_G
ClientSampleId :
281

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Quant Time: Apr 16 14:10:16 2018
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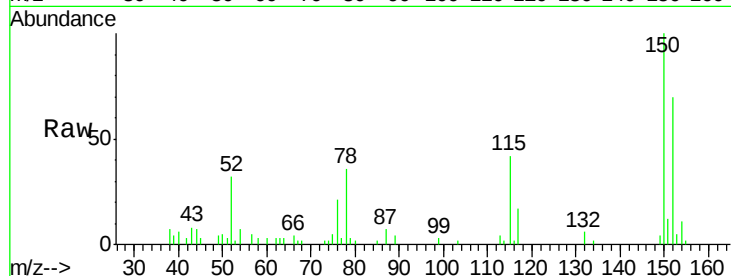
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

Instrument :
 BNA_G
 ClientSampled :
 281

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.7	126.6	189.8
115	60.7	53.0	79.4

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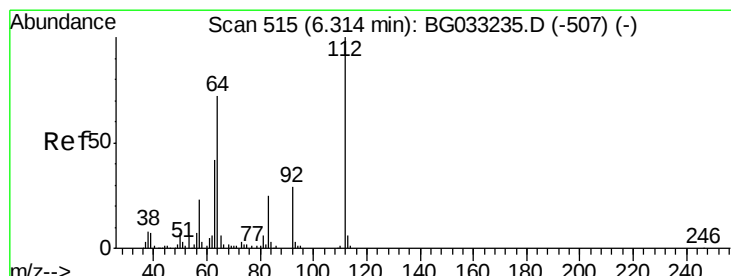
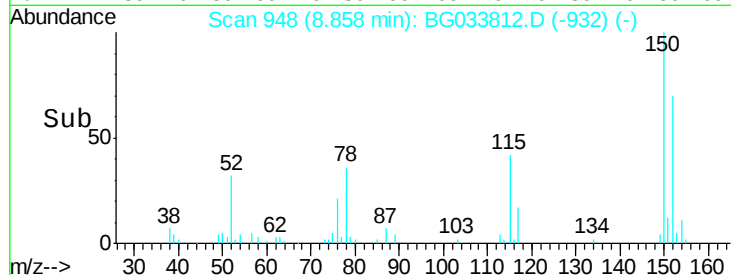
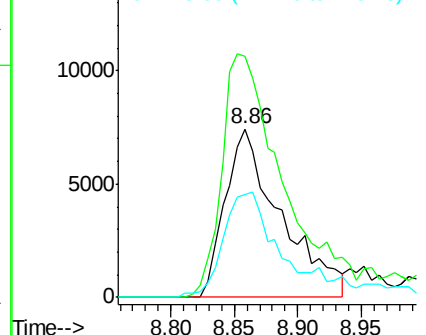


Abundance

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: 202.032 ng
 RT: 6.29 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

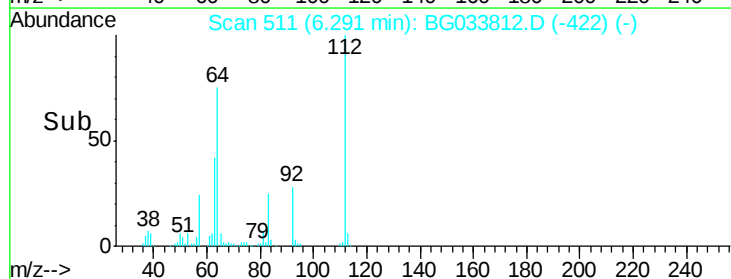
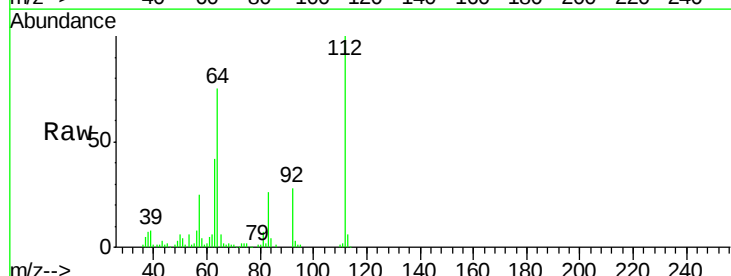
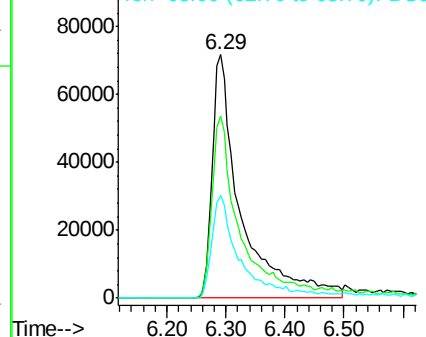
Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	56.3	84.5
63	42.2	30.1	45.1

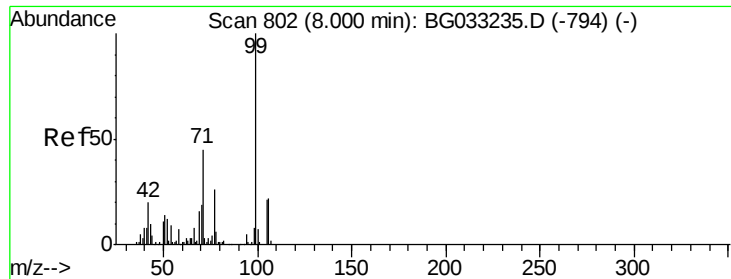
Abundance

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: 168.752 ng/mL

RT: 7.99 min Scan# 800

Delta R.T. 0.00 min

Lab File: BG033812.D

Acq: 16 Apr 2018 12:26

Instrument :

BNA_G

ClientSampleId :

281

Tot Ion: 99 Resp: 349170

Ion Ratio Lower Upper

99 100

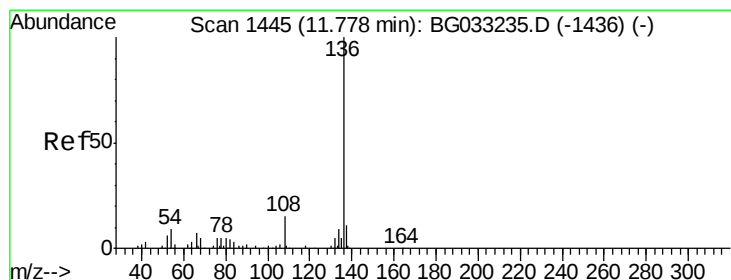
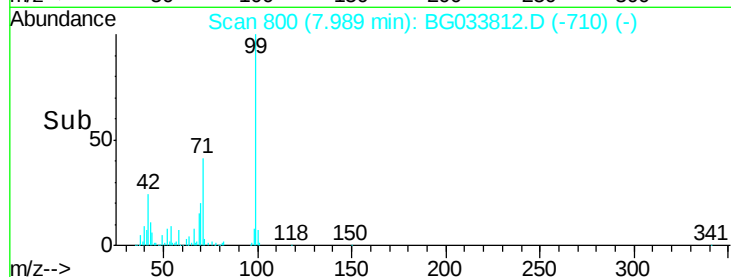
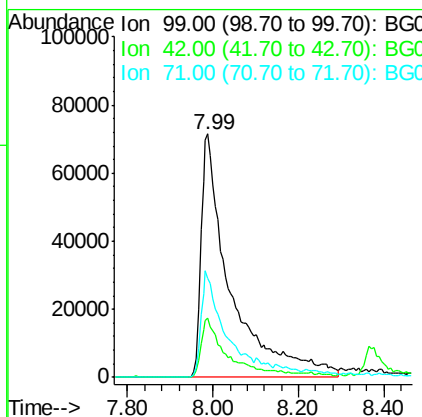
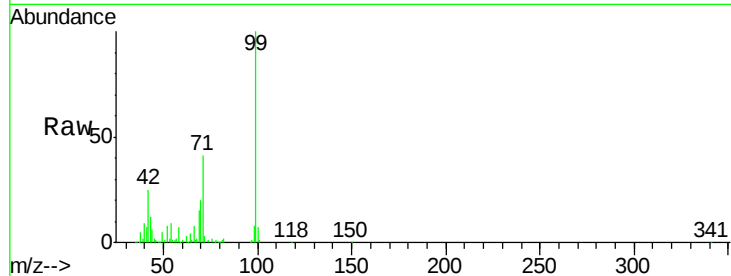
42 24.6 14.1 21.1#

71 40.8 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: BG033812.D

Acq: 16 Apr 2018 12:26

Tgt Ion: 136 Resp: 108474

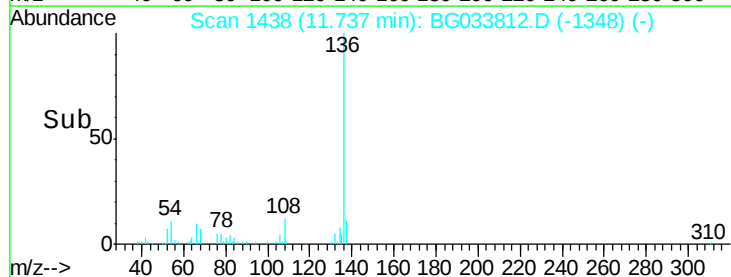
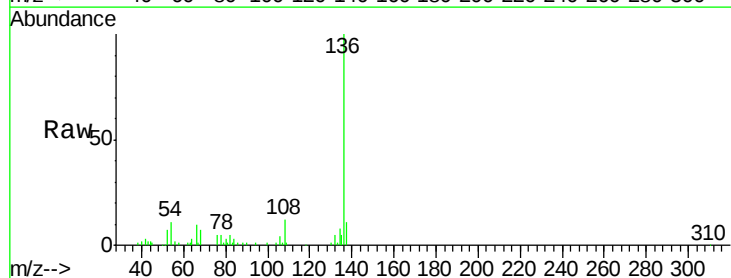
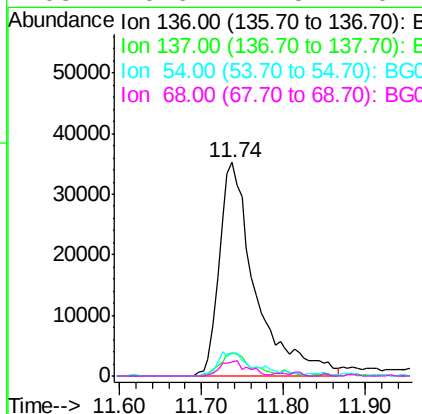
Ion Ratio Lower Upper

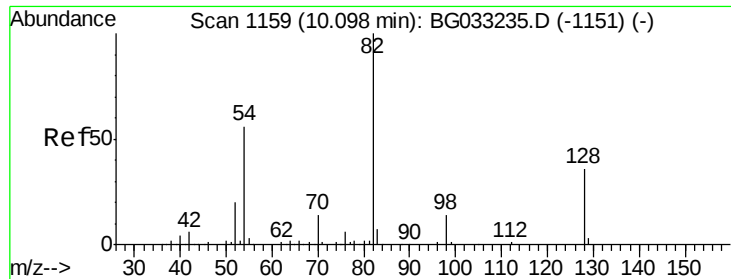
136 100

137 10.9 9.2 13.8

54 11.0 10.3 15.5

68 6.6 4.5 6.7





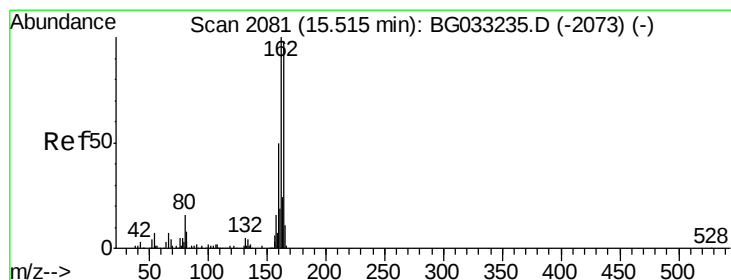
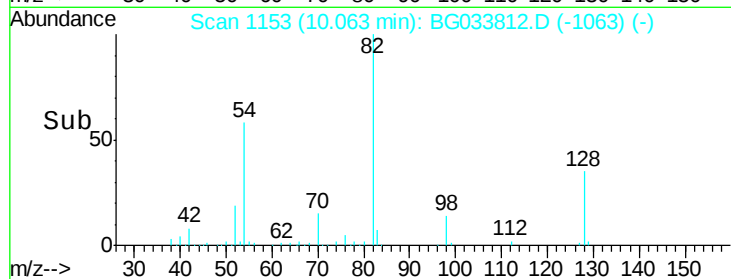
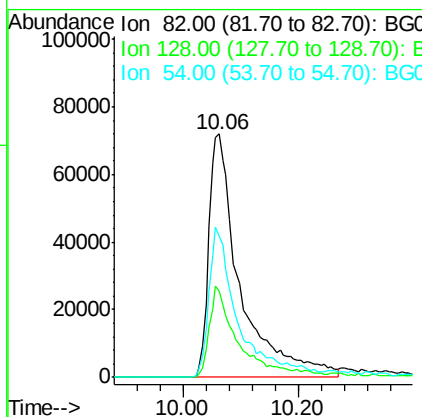
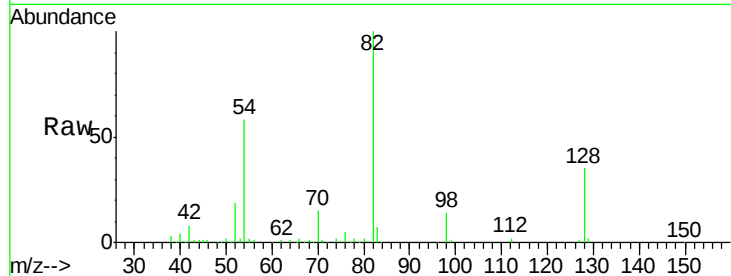
#23
 Nitrobenzene-d5
 Concen: 115.580 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

Instrument :
 BNA_G
 ClientSampled :
 281

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.7	44.5
54	57.8	43.1	64.7

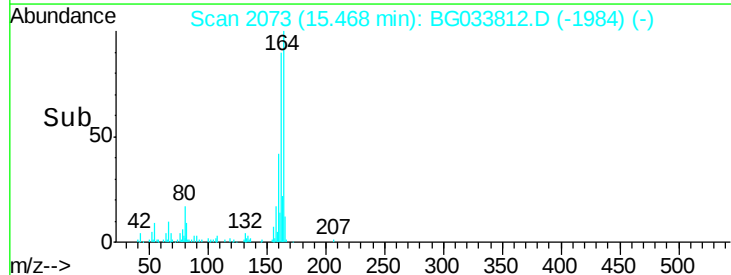
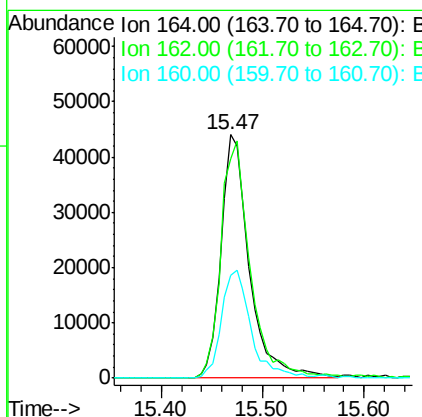
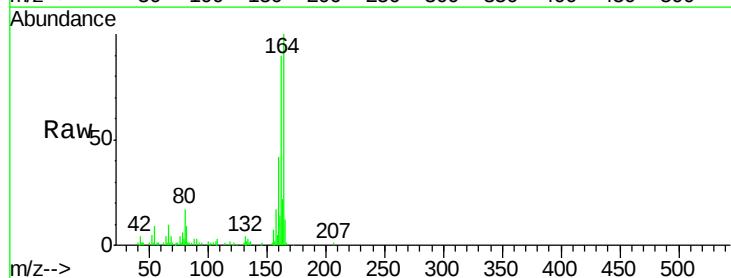
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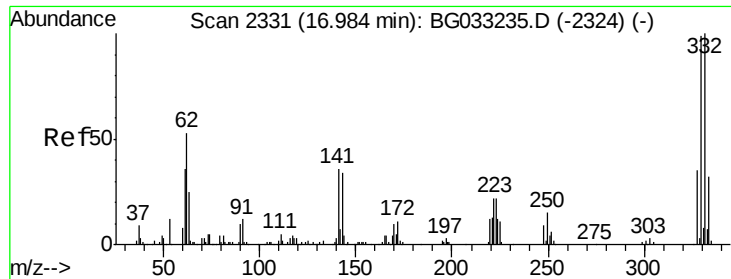
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	90.2	78.8	118.2
160	42.1	35.4	53.0





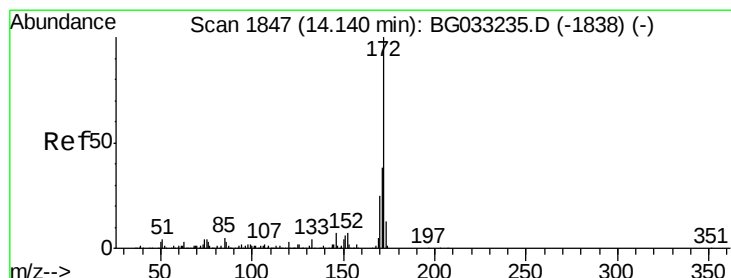
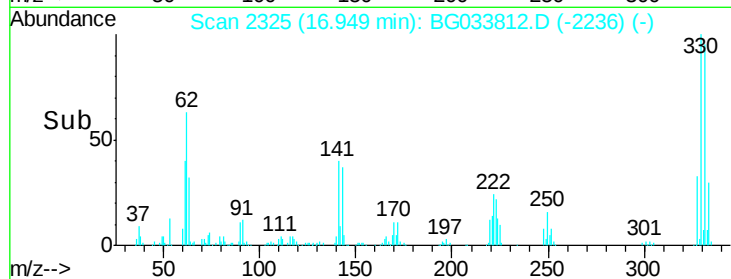
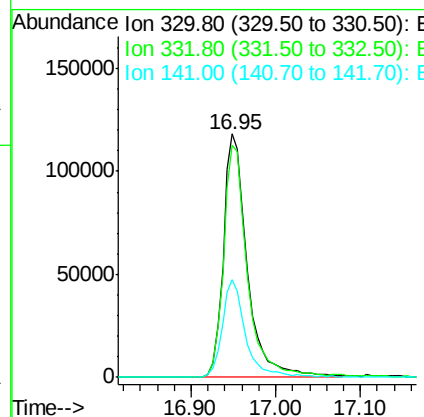
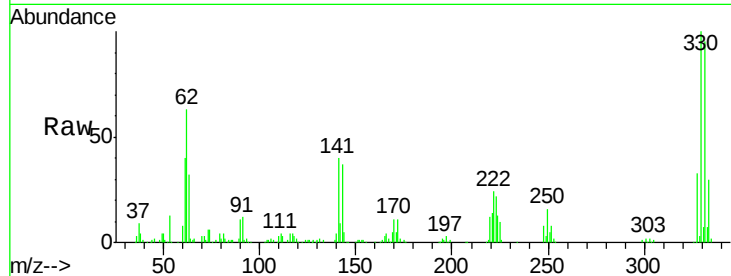
#41
 2,4,6-Tribromophenol
 Concen: 181.998 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

Instrument :
 BNA_G
 ClientSampled :
 281

Tot Ion	Ratio	Resp	Lower	Upper
330	100	232491		
332	95.0	77.0	115.6	
141	38.3	25.2	37.8#	

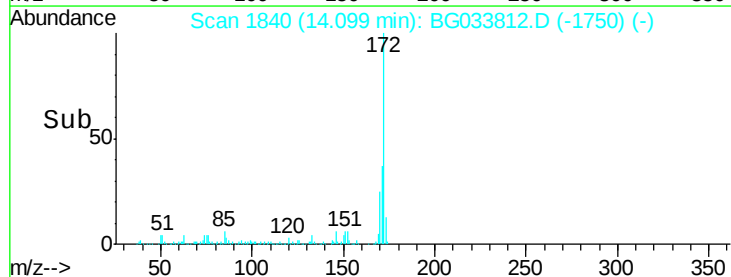
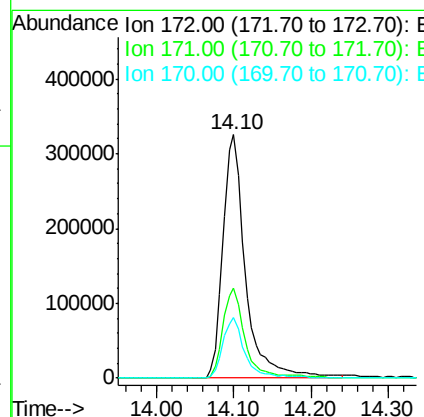
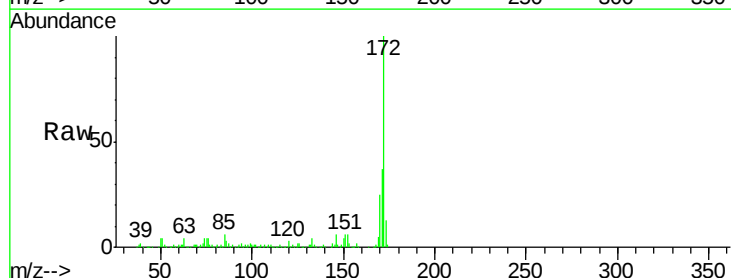
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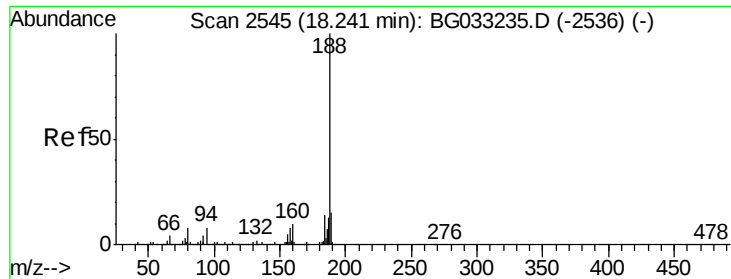
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#44
 2-Fluorobiphenyl
 Concen: 112.132 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	663421		
171	36.8	30.0	45.0	
170	24.6	19.5	29.3	





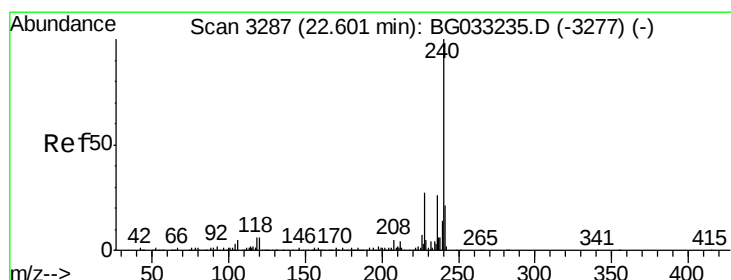
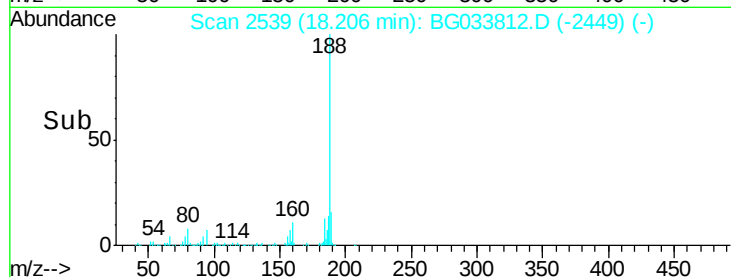
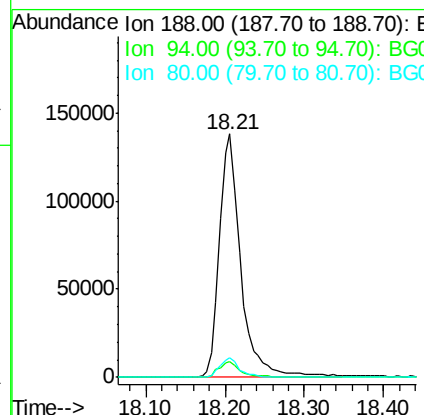
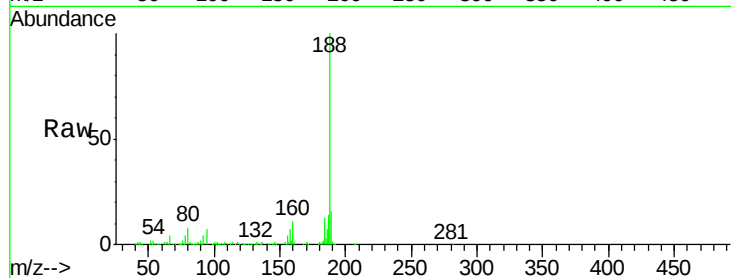
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033812.D
Acq: 16 Apr 2018 12:26

Instrument :
BNA_G
ClientSampled :
281

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	8.0	7.7	11.5

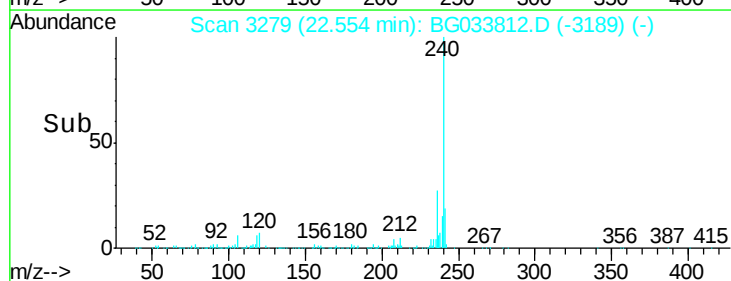
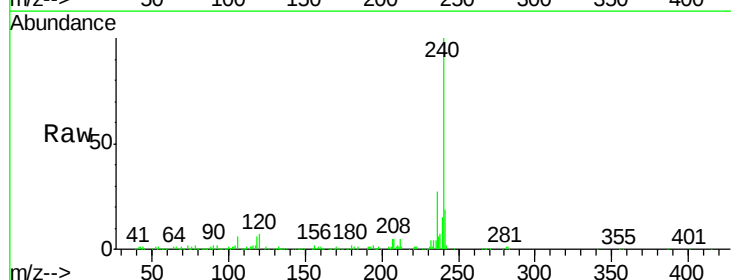
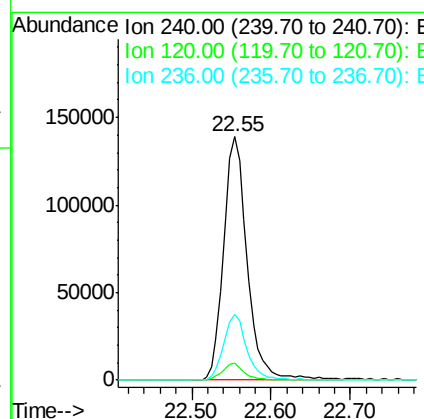
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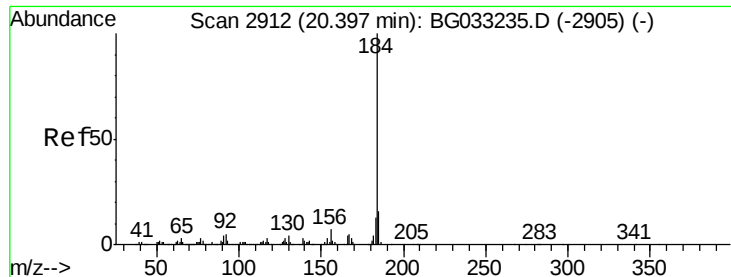
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. 0.00 min
Lab File: BG033812.D
Acq: 16 Apr 2018 12:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.0	6.8	10.2
236	27.0	20.9	31.3





#76

Benzidine

Concen: 3.632 ng/mL

RT: 20.39 min Scan# 2910

Delta R.T. 0.01 min

Lab File: BG033812.D

Acq: 16 Apr 2018 12:26

Instrument :

BNA_G

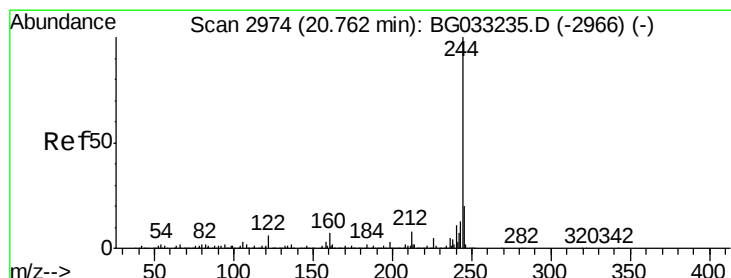
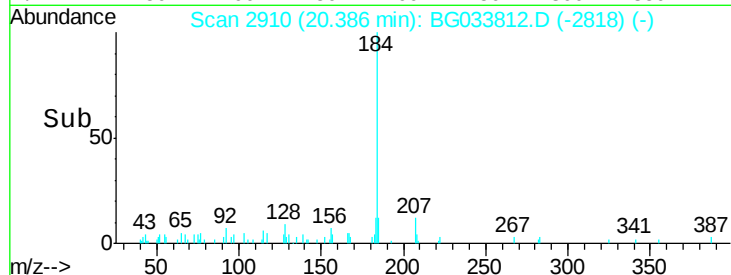
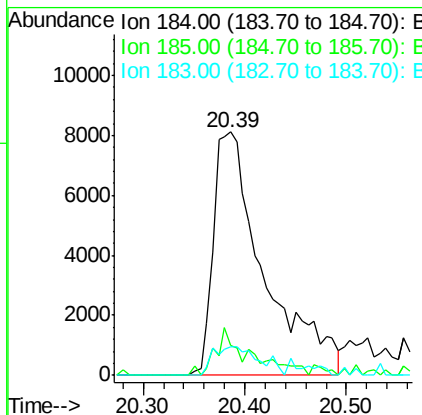
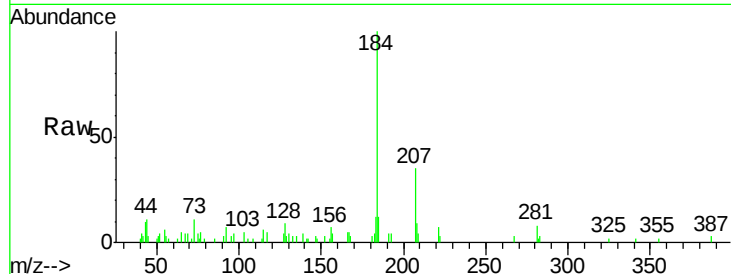
ClientSampled :

281

Tot Ion:	184	Resp:	28238
Ion Ratio	Lower	Upper	
184	100		
185	12.4	11.1	16.7
183	11.9	10.6	16.0

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#78

Terphenyl-d14

Concen: 118.549 ng/mL

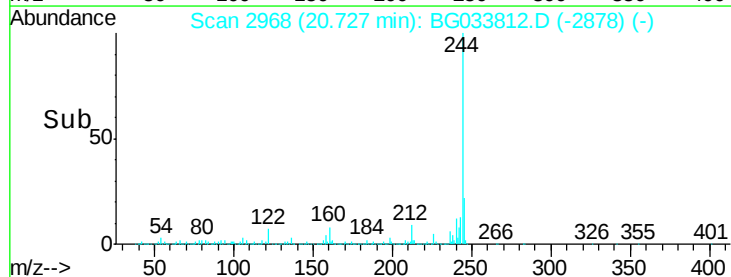
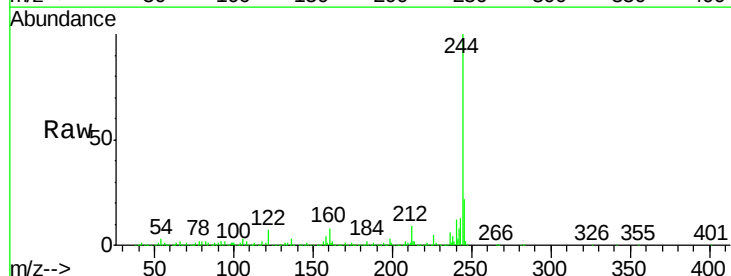
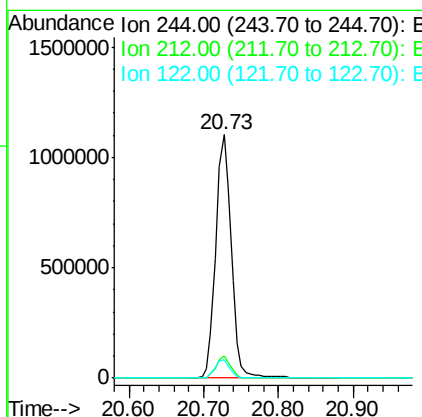
RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033812.D

Acq: 16 Apr 2018 12:26

Tgt Ion:	244	Resp:	1589035
Ion Ratio	Lower	Upper	
244	100		
212	8.9	5.8	8.8#
122	7.4	7.0	10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

Instrument :
 BNA_G
 ClientSampleId :
 281

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	22.2	17.4	26.0
265	22.2	17.7	26.5

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