

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033811.D
 Acq On : 16 Apr 2018 11:49
 Operator : SJ/JU
 Sample : J2348-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 275

Manual Integrations
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Sohil
 4/17/2018 5:20:15 PM

Quant Time: Apr 16 14:08:14 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	25479	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	112975	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	98614	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	283328	20.00	ng	0.00
75) Chrysene-d12	22.55	240	317578	20.00	ng	0.00
86) Perylene-d12	26.32	264	337463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	240424	176.94	ng	0.00
7) Phenol-d6	7.98	99	352373m	150.93	ng	0.00
23) Nitrobenzene-d5	10.06	82	271969	110.60	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	246907	167.41	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	681481	99.76	ng	0.00
78) Terphenyl-d14	20.73	244	1653696	111.36	ng	0.00
Target Compounds						
76) Benzidine	20.37	184	141776m	16.462	ng	Qvalue

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

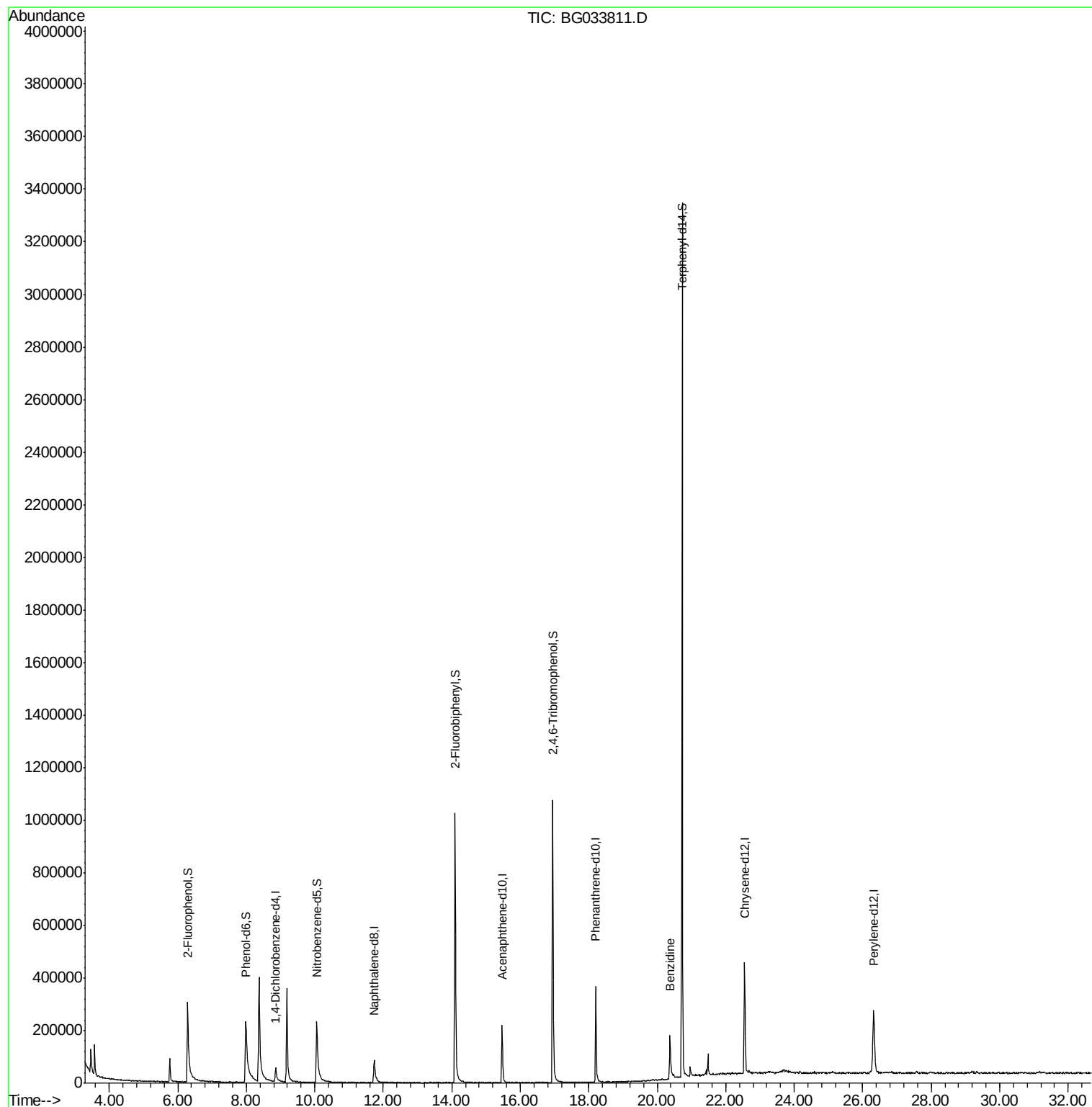
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
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ALS Vial : 4 Sample Multiplier: 1

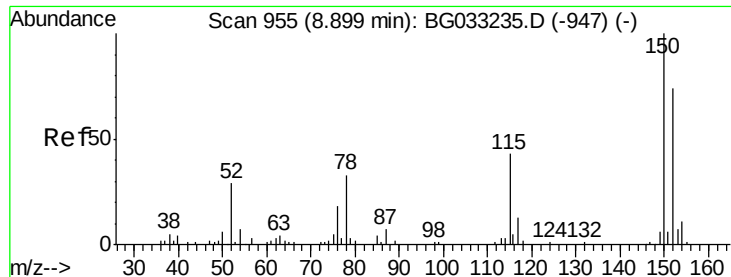
Instrument :
BNA_G
ClientSampleId :
275

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#1

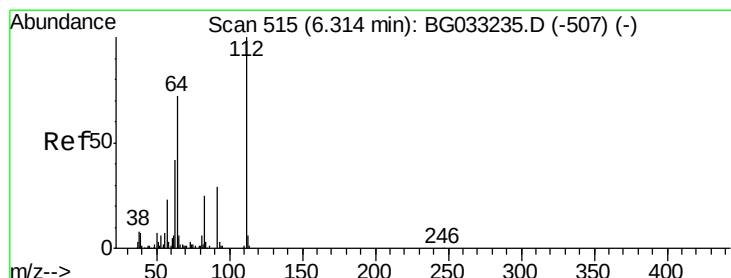
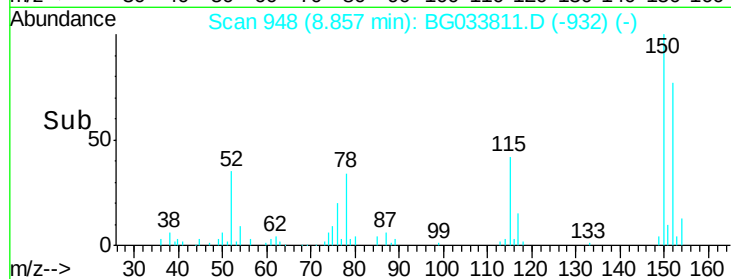
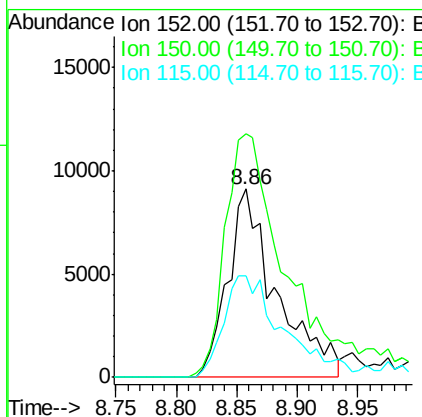
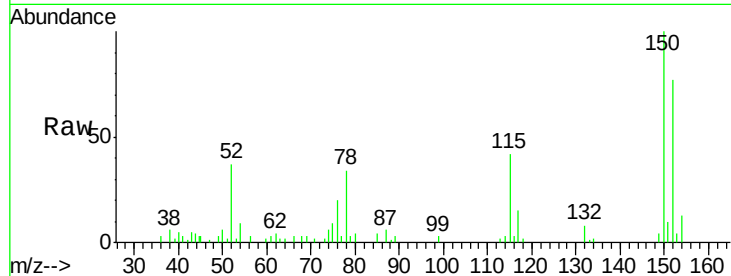
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033811.D
Acq: 16 Apr 2018 11:49

Instrument :
BNA_G
ClientSampled :
275

Tot Ion	Ratio	Lower	Upper
152	100		
150	129.2	126.6	189.8
115	54.0	53.0	79.4

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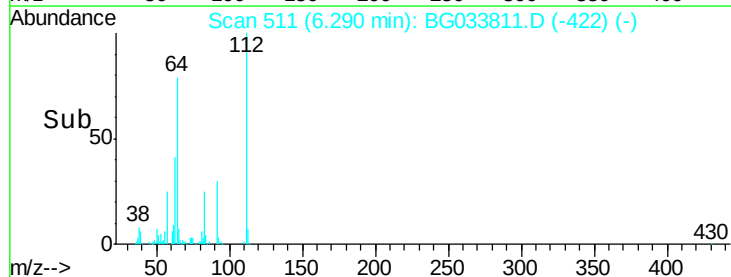
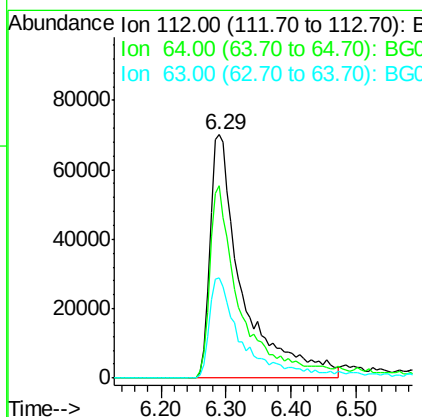
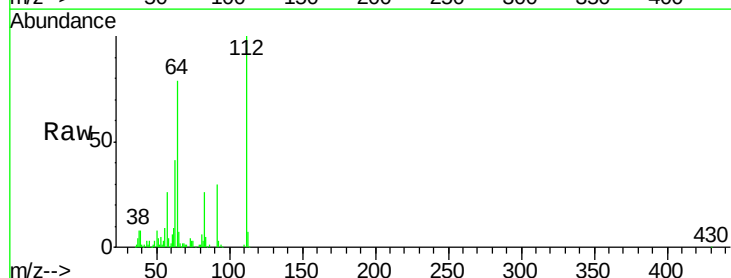
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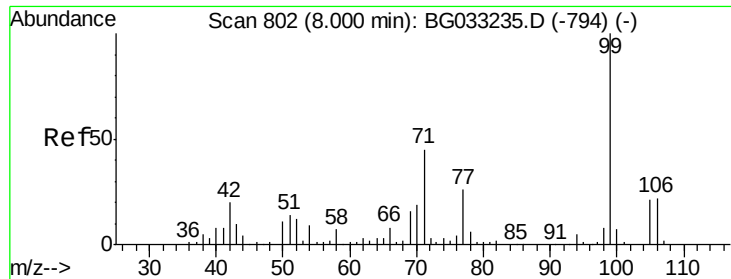


#5

2-Fluorophenol
Concen: 176.939 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.01 min
Lab File: BG033811.D
Acq: 16 Apr 2018 11:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.2	56.3	84.5
63	41.2	30.1	45.1





#7

Phenol-d6

Concen: 150.930 ng/mL

RT: 7.98 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG033811.D

Acq: 16 Apr 2018 11:49

Instrument :

BNA_G

ClientSampled :

275

Tot Ion: 99 Resp: 352373

Ion Ratio Lower Upper

99 100

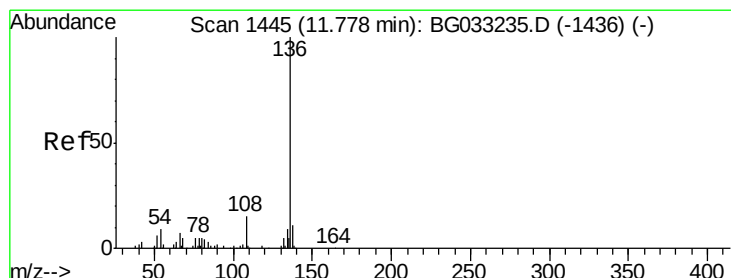
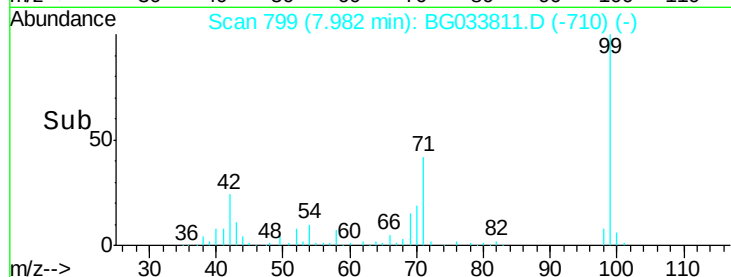
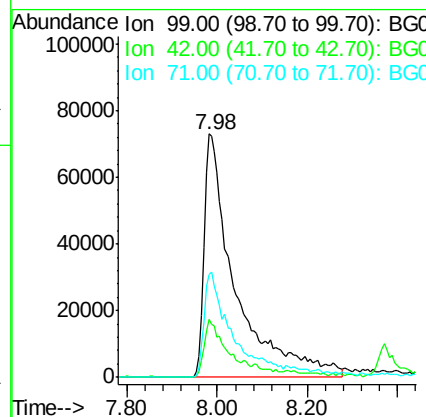
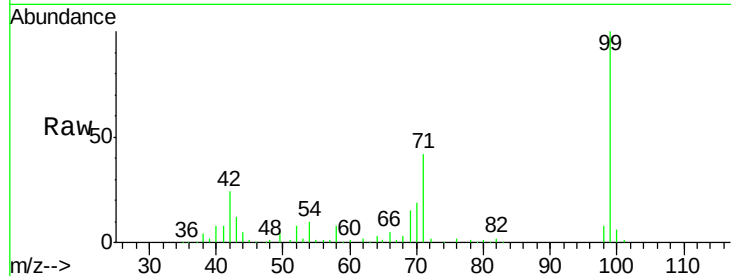
42 23.6 14.1 21.1#

71 42.0 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: BG033811.D

Acq: 16 Apr 2018 11:49

Tgt Ion: 136 Resp: 112975

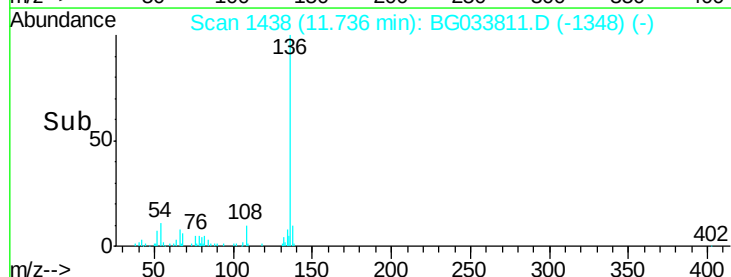
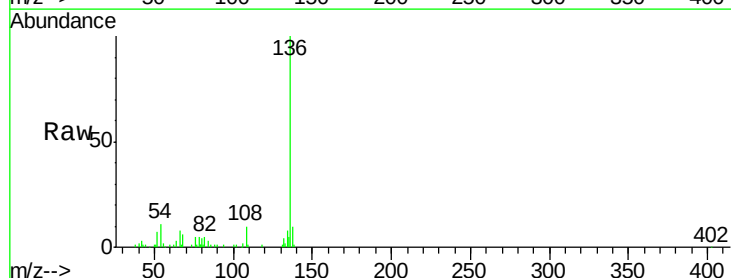
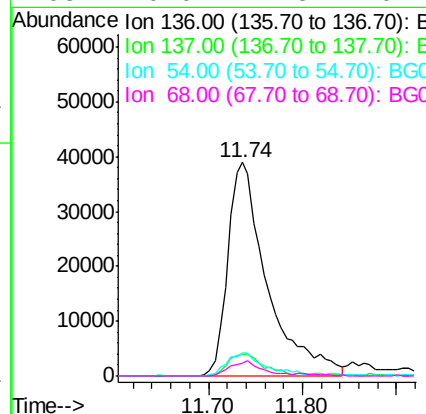
Ion Ratio Lower Upper

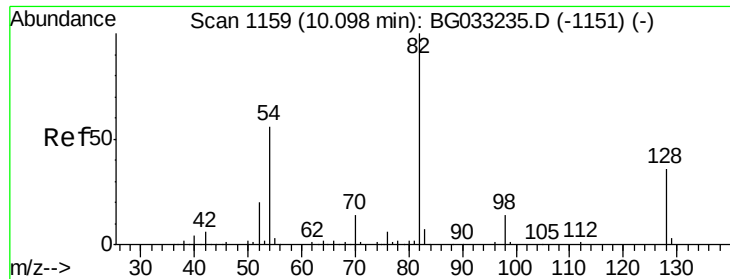
136 100

137 10.4 9.2 13.8

54 10.5 10.3 15.5

68 6.0 4.5 6.7





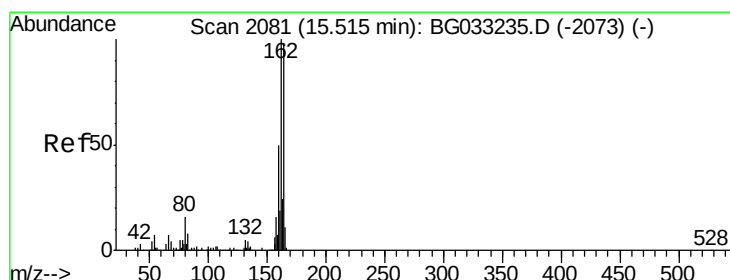
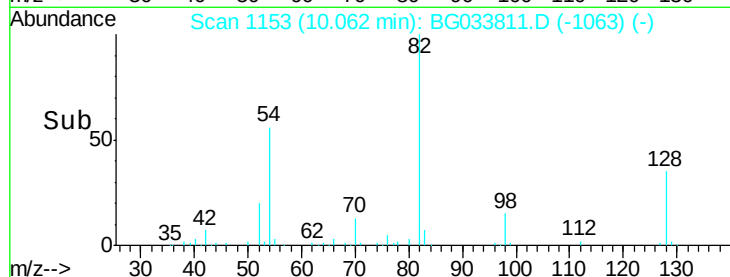
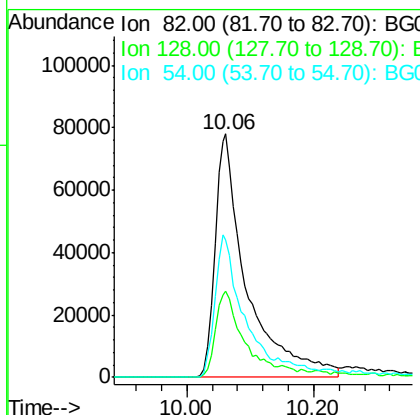
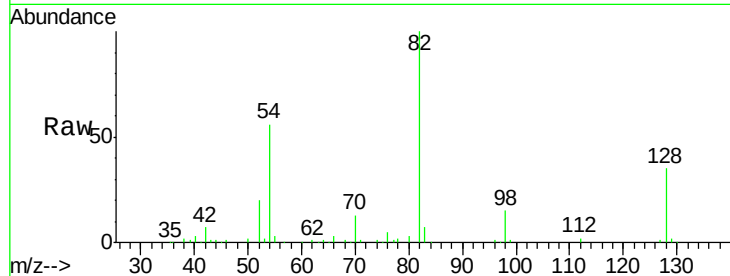
#23
 Nitrobenzene-d5
 Concen: 110.603 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033811.D
 Acq: 16 Apr 2018 11:49

Instrument :
 BNA_G
 ClientSampleId :
 275

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	56.2	43.1	64.7

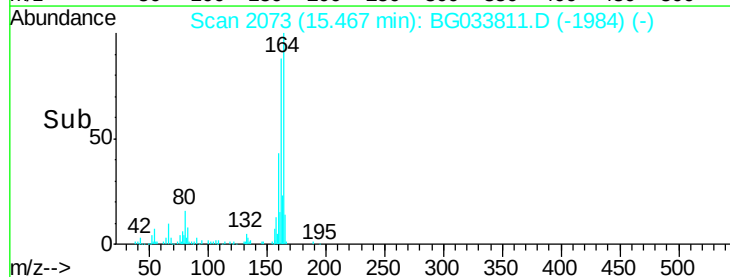
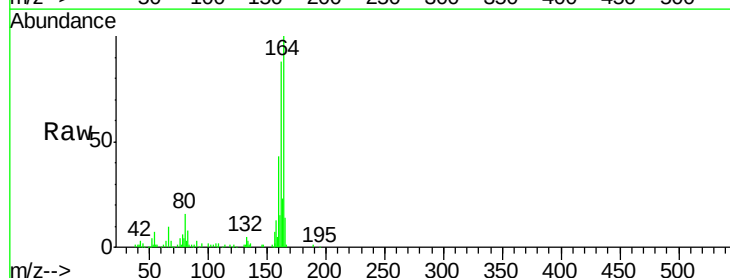
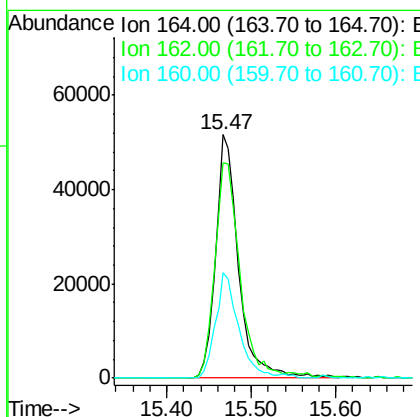
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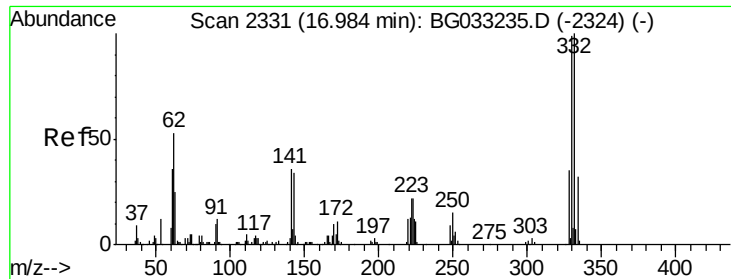
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033811.D
 Acq: 16 Apr 2018 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	88.4	78.8	118.2
160	43.0	35.4	53.0





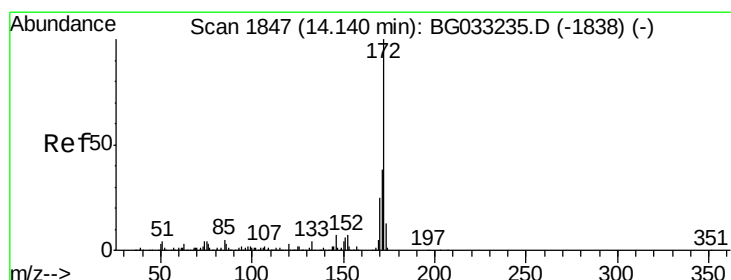
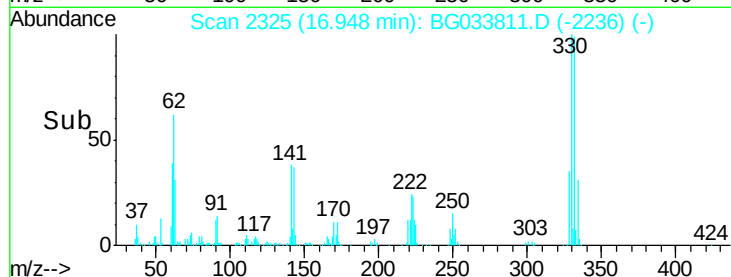
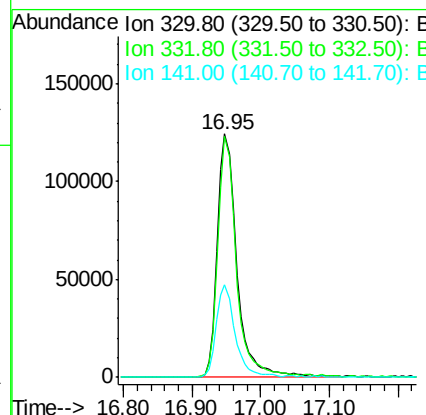
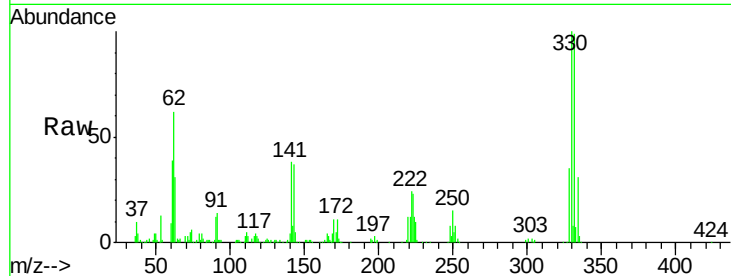
#41
 2,4,6-Tribromophenol
 Concen: 167.407 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033811.D
 Acq: 16 Apr 2018 11:49

Instrument :
 BNA_G
 ClientSampleId :
 275

Tot Ion	Ratio	Resp	Lower	Upper
330	100	246907		
332	93.0	77.0	115.6	
141	36.4	25.2	37.8	

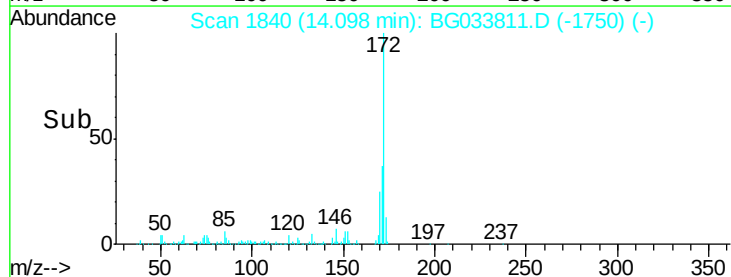
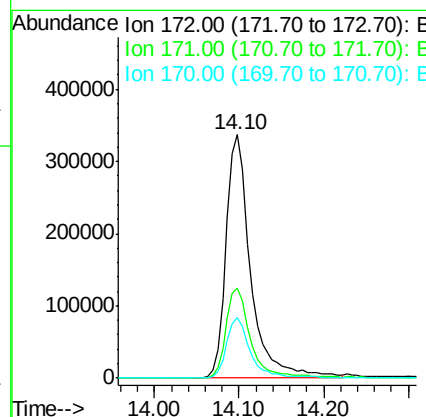
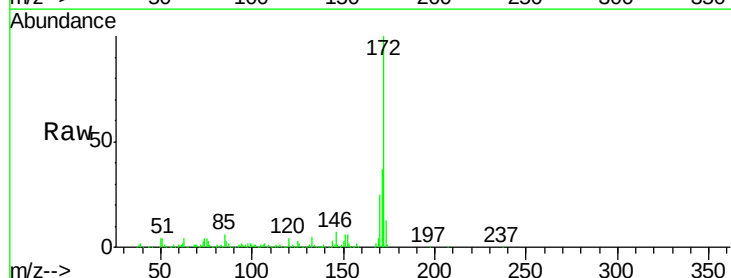
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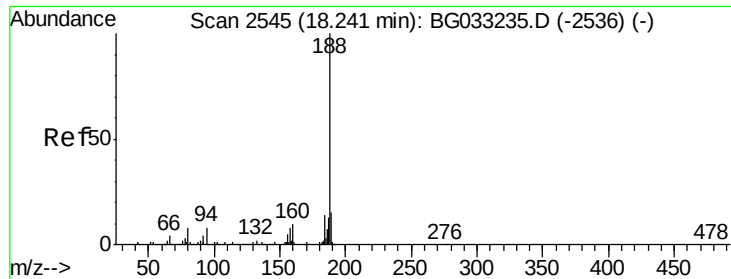
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#44
 2-Fluorobiphenyl
 Concen: 99.764 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033811.D
 Acq: 16 Apr 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	681481		
171	37.1	30.0	45.0	
170	24.7	19.5	29.3	





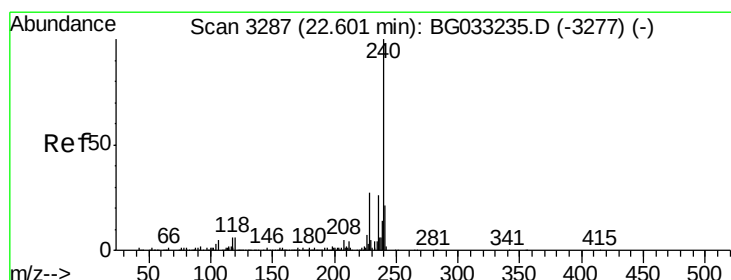
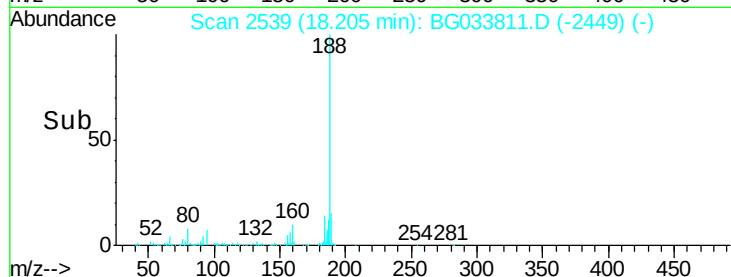
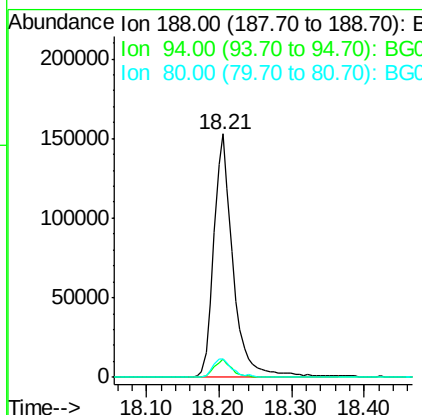
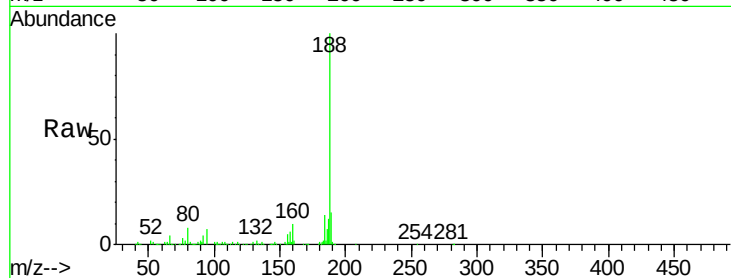
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033811.D
Acq: 16 Apr 2018 11:49

Instrument :
BNA_G
ClientSampleId :
275

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.4	6.9	10.3
80	7.7	7.7	11.5#

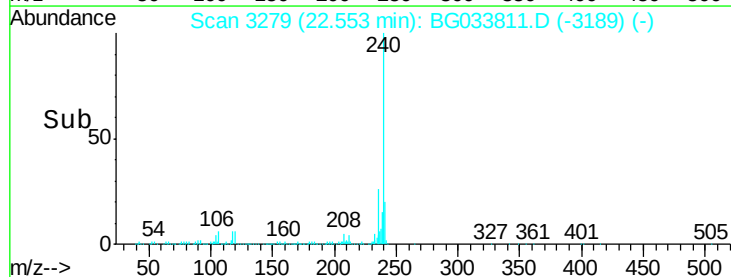
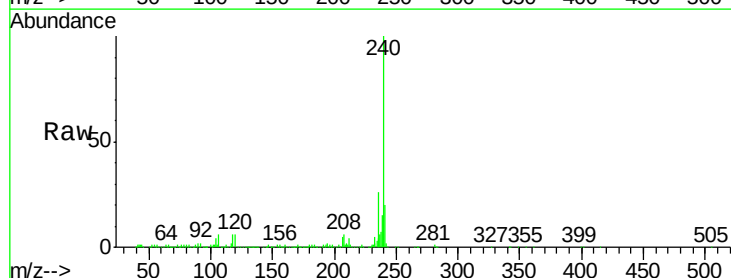
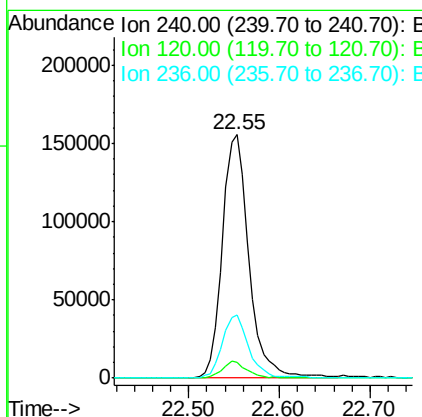
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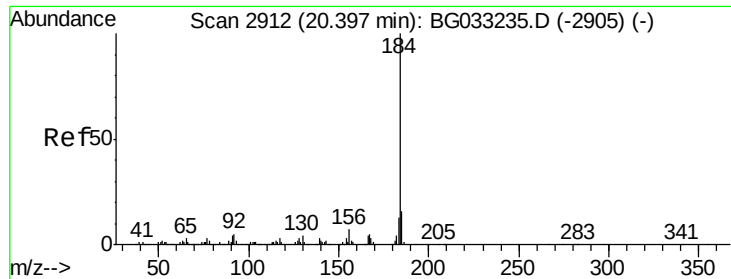
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033811.D
Acq: 16 Apr 2018 11:49

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	26.0	20.9	31.3





#76

Benzidine

Concen: 16.462 ng/mL

RT: 20.37 min Scan# 2908

Delta R.T. -0.00 min

Lab File: BG033811.D

Acq: 16 Apr 2018 11:49

Instrument :

BNA_G

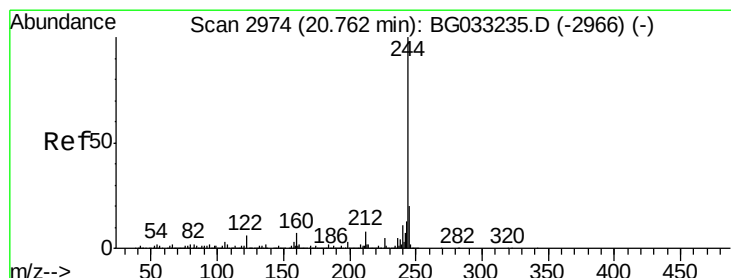
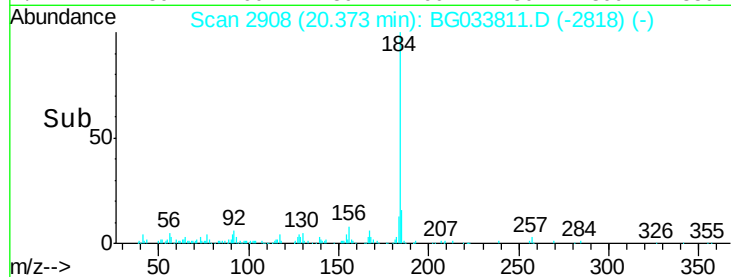
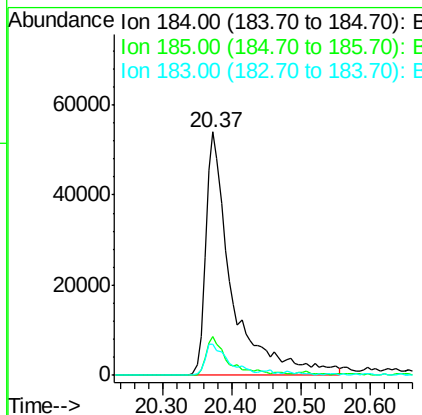
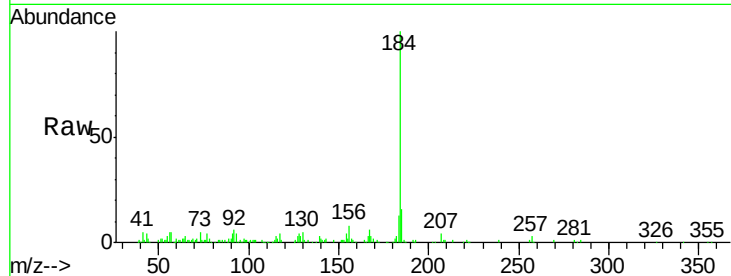
ClientSampleId :

275

Tot Ion:	184	Resp:	141776
Ion Ratio	Lower	Upper	
184	100		
185	16.0	11.1	16.7
183	13.0	10.6	16.0

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#78

Terphenyl-d14

Concen: 111.362 ng/mL

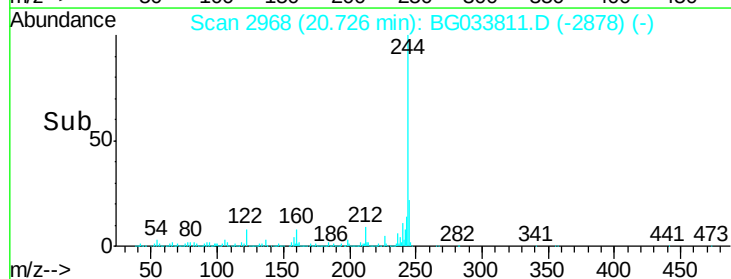
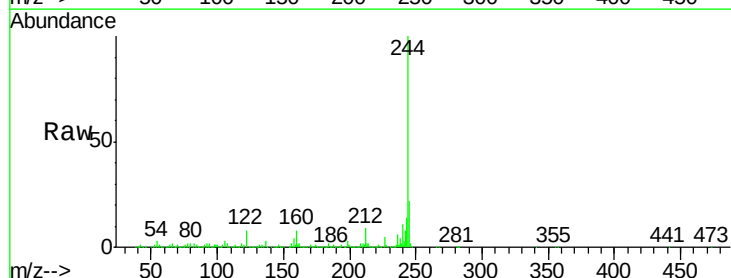
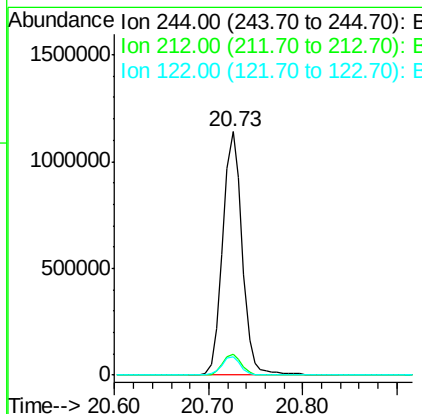
RT: 20.73 min Scan# 2968

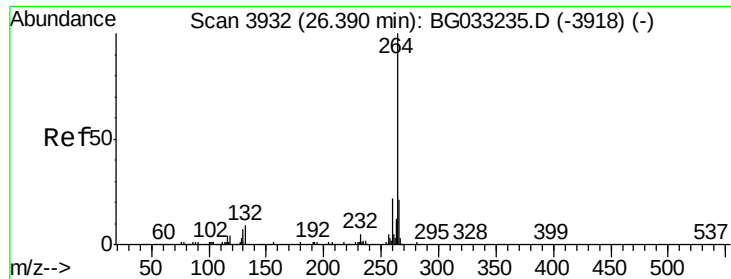
Delta R.T. -0.00 min

Lab File: BG033811.D

Acq: 16 Apr 2018 11:49

Tgt Ion:	244	Resp:	1653696
Ion Ratio	Lower	Upper	
244	100		
212	8.7	5.8	8.8
122	7.8	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: BG033811.D
Acq: 16 Apr 2018 11:49

Instrument :
BNA_G
ClientSampleId :
275

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	20.1	17.7	26.5

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