

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033536.D
 Acq On : 3 Apr 2018 23:28
 Operator : SJ/JU
 Sample : J2131-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT24256

Manual Integrations
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Quant Time: Apr 04 04:17:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31969	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	142607	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	116008	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	319221	20.00	ng	0.00
75) Chrysene-d12	22.55	240	329647	20.00	ng	0.00
86) Perylene-d12	26.33	264	320749	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	285358	167.37	ng	0.00
7) Phenol-d6	7.98	99	385431	131.57	ng	0.00
23) Nitrobenzene-d5	10.06	82	326101	105.06	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	260263	150.00	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	798661	99.39	ng	0.00
78) Terphenyl-d14	20.73	244	1590522	103.19	ng	0.00
Target Compounds						
76) Benzidine	20.38	184	21245m	2.377	ng	Qvalue

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

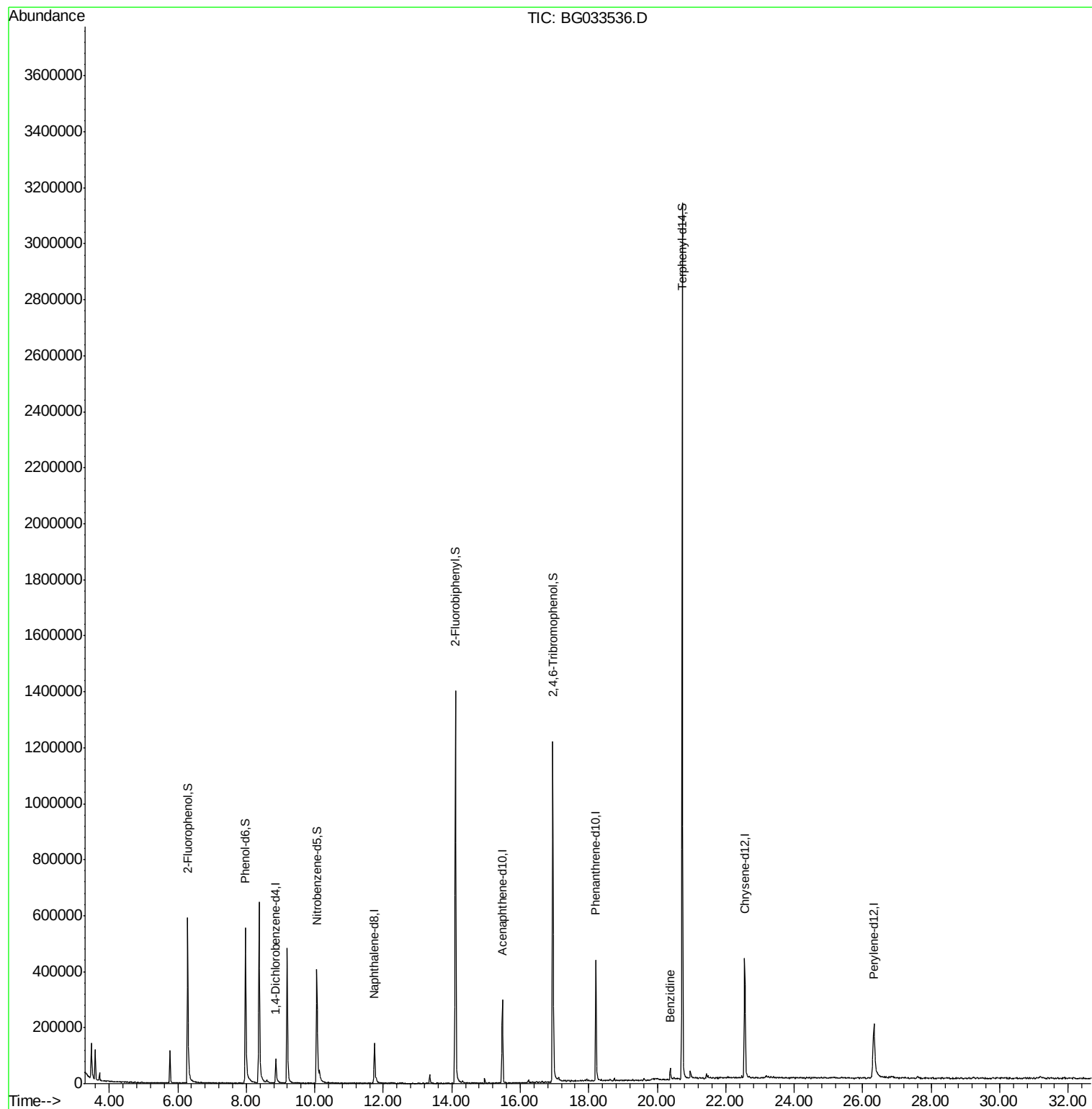
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

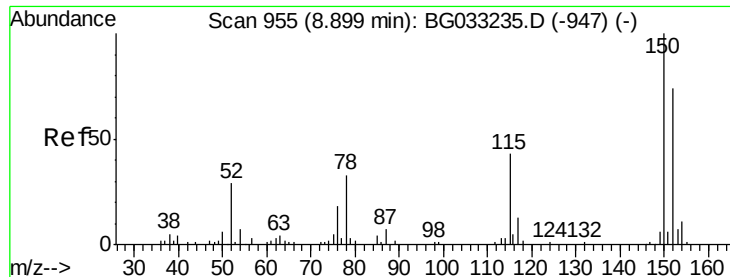
Instrument :
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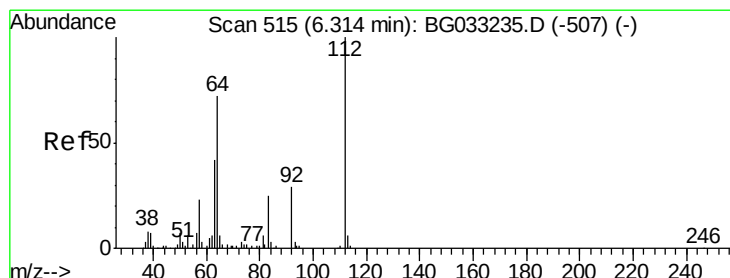
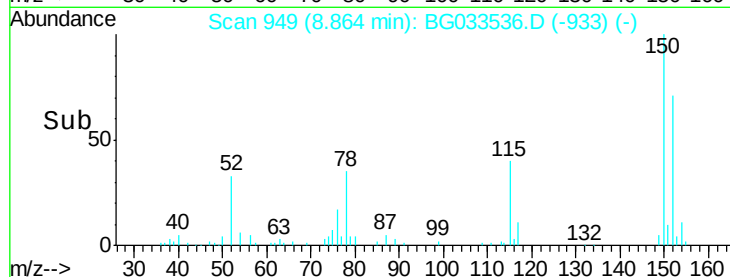
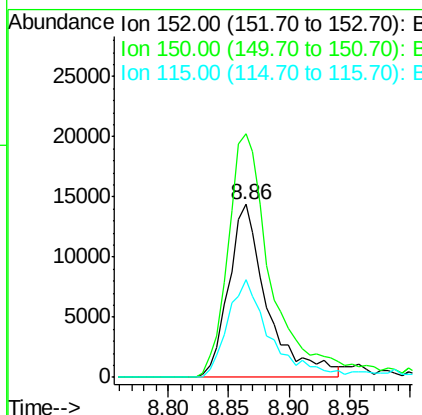
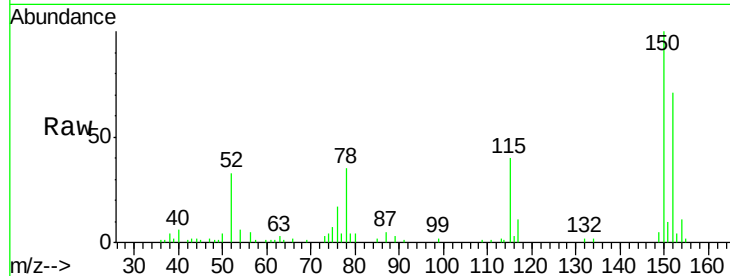
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033536.D
 Acq: 3 Apr 2018 23:28

Instrument :
 BNA_G
 ClientSampleId :
 CHRT24256

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.0	126.6	189.8
115	56.7	53.0	79.4

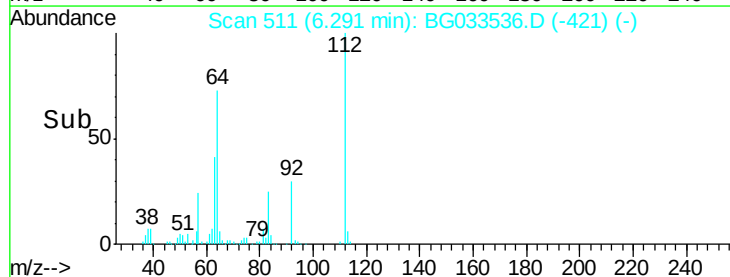
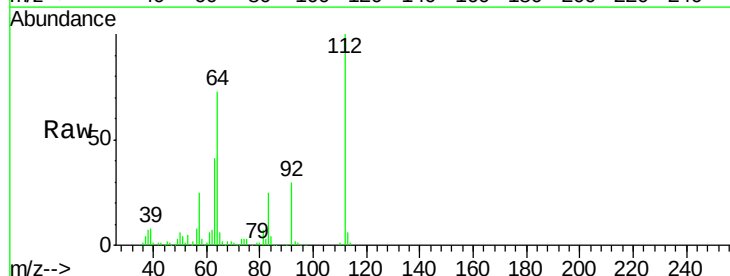
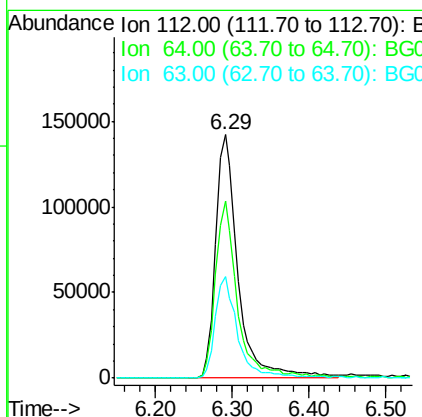
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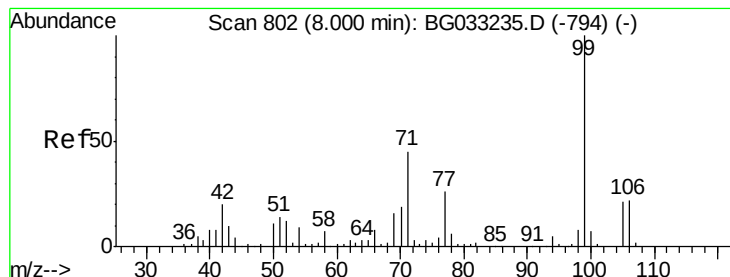
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#5
 2-Fluorophenol
 Concen: 167.375 ng
 RT: 6.29 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BG033536.D
 Acq: 3 Apr 2018 23:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.0	56.3	84.5
63	41.4	30.1	45.1





#7

Phenol-d6

Concen: 131.574 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033536.D

Acq: 3 Apr 2018 23:28

Instrument :

BNA_G

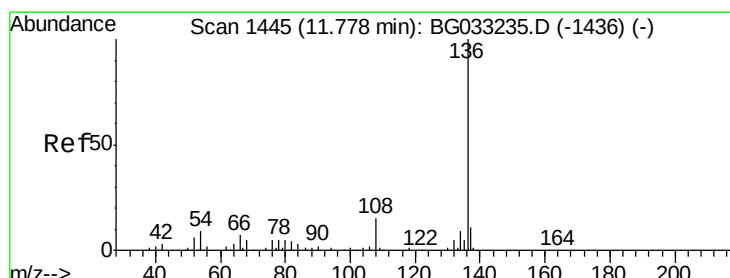
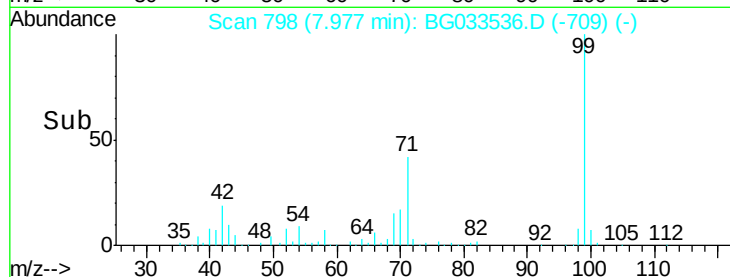
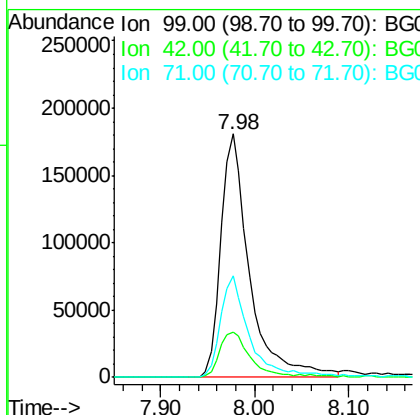
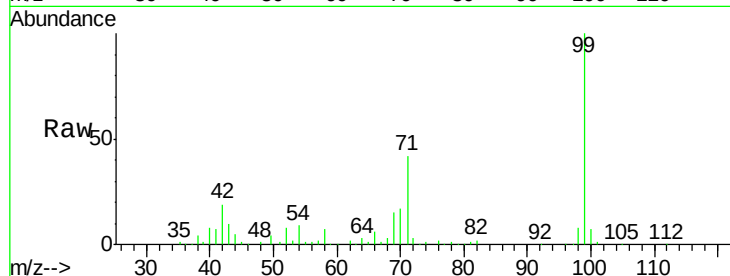
ClientSampleId :

CHRT24256

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		385431		
42	18.8	14.1	21.1		
71	41.8	26.1	39.1		

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#21

Naphthalene-d8

Concen: 20.000 ng

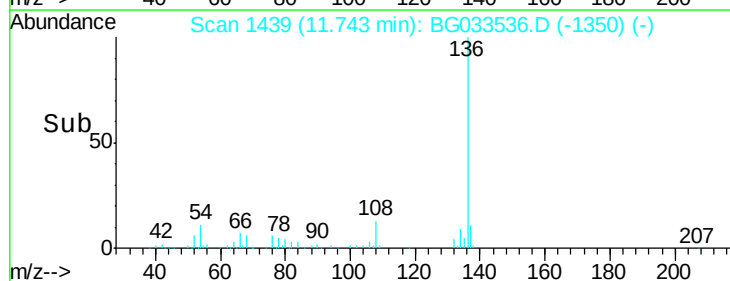
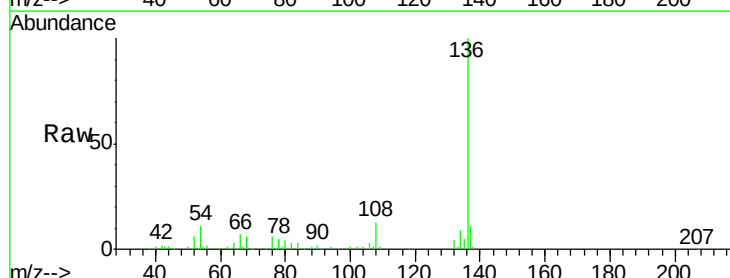
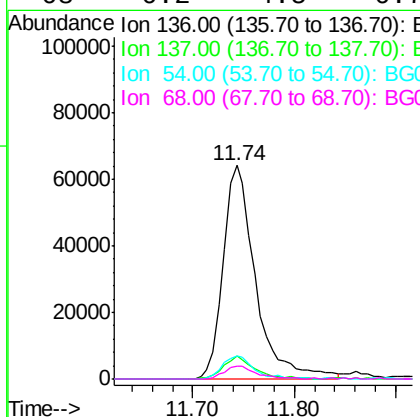
RT: 11.74 min Scan# 1439

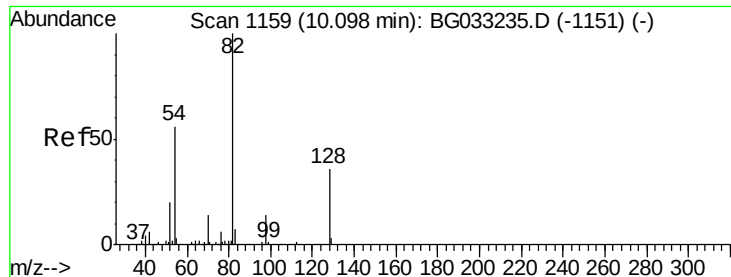
Delta R.T. -0.01 min

Lab File: BG033536.D

Acq: 3 Apr 2018 23:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		142607		
137	11.1	9.2	13.8		
54	10.9	10.3	15.5		
68	6.2	4.5	6.7		





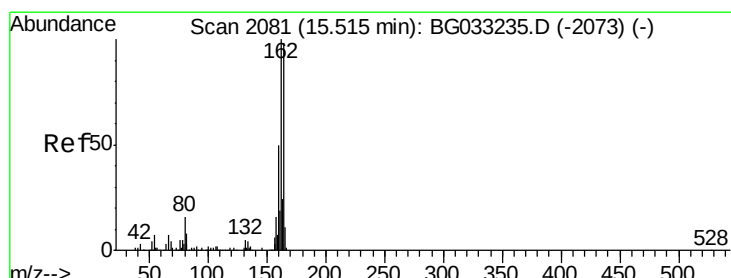
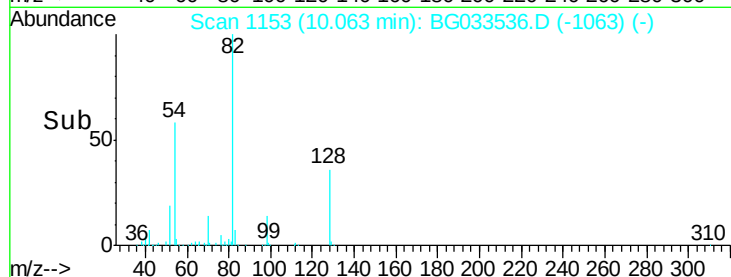
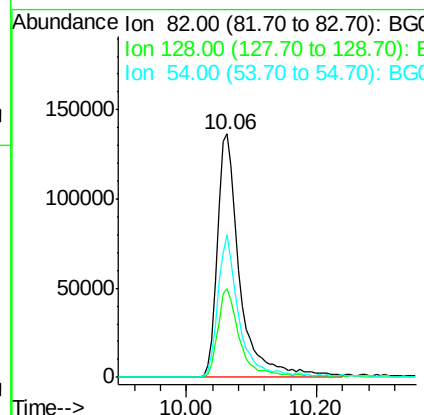
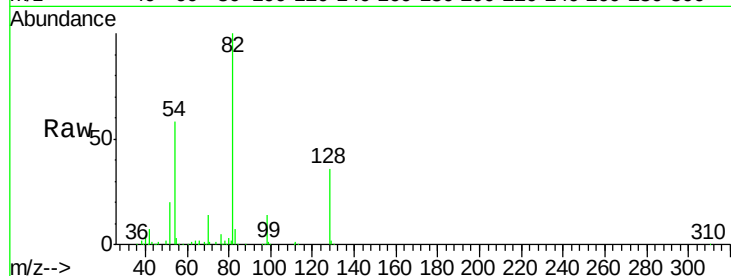
#23
 Nitrobenzene-d5
 Concen: 105.061 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033536.D
 Acq: 3 Apr 2018 23:28

Instrument :
 BNA_G
 ClientSampleId :
 CHRT24256

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.7	44.5
54	58.3	43.1	64.7

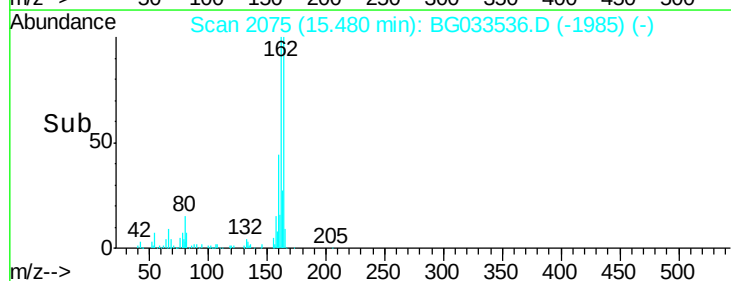
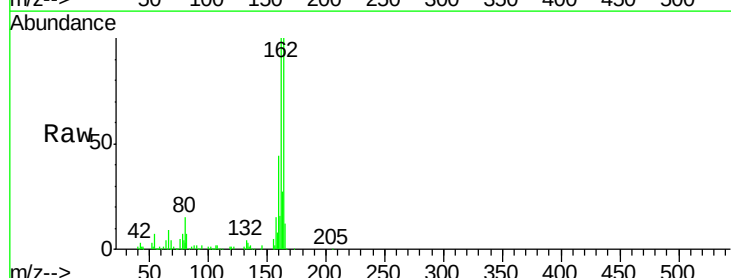
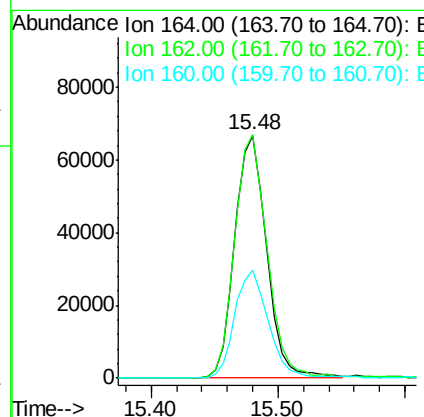
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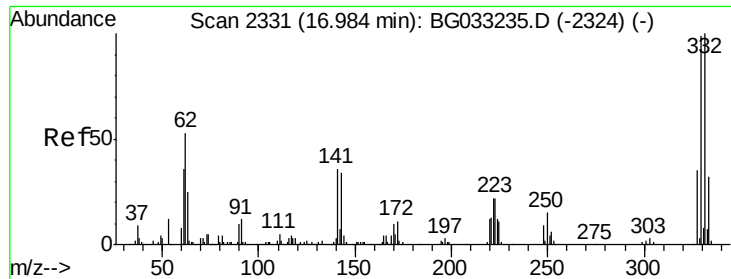
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG033536.D
 Acq: 3 Apr 2018 23:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.8	118.2
160	44.5	35.4	53.0





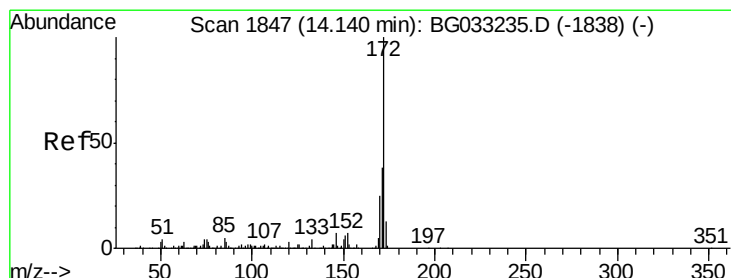
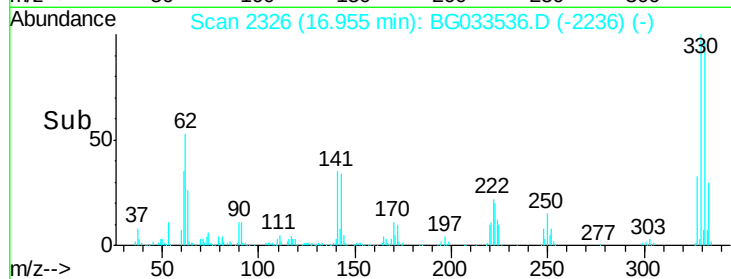
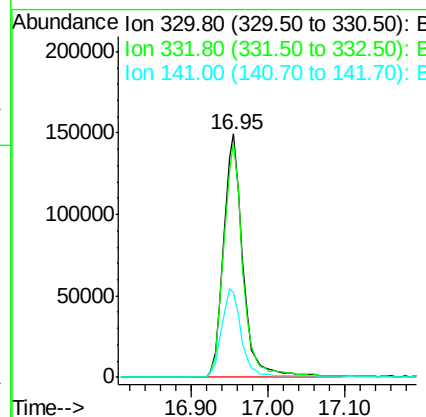
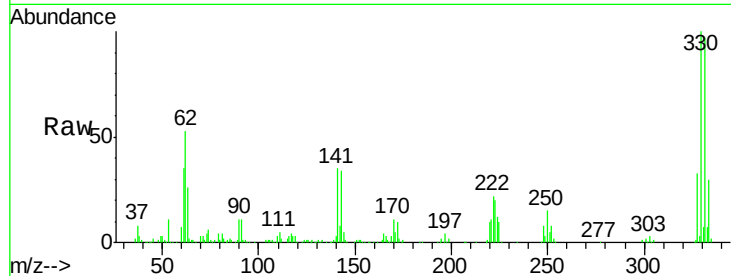
#41
 2,4,6-Tribromophenol
 Concen: 150.004 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033536.D
 Acq: 3 Apr 2018 23:28

Instrument :
 BNA_G
 ClientSampleId :
 CHRT24256

Tot Ion	Ratio	Resp	Lower	Upper
330	100	260263		
332	95.0	77.0	115.6	
141	36.9	25.2	37.8	

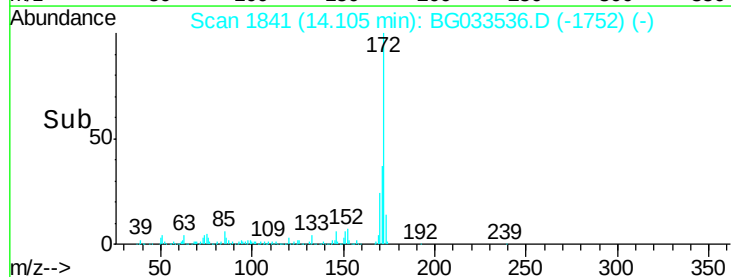
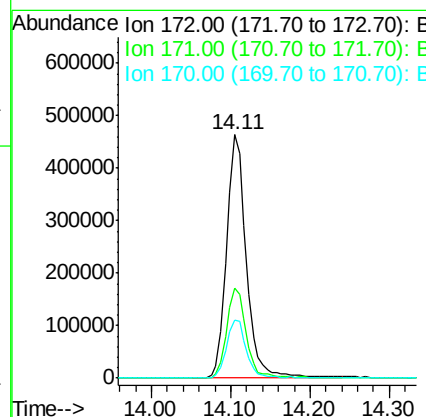
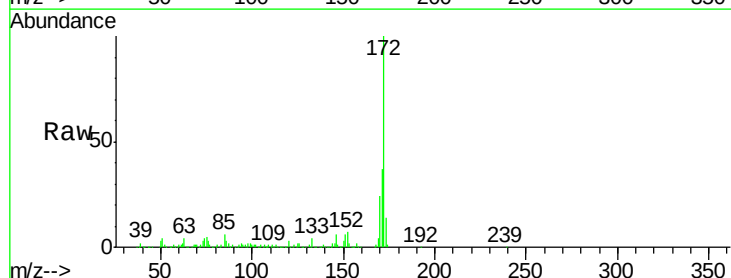
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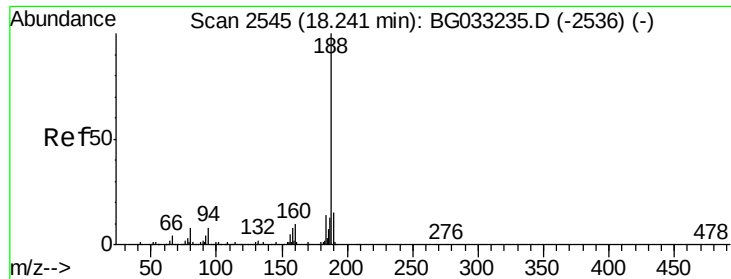
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#44
 2-Fluorobiphenyl
 Concen: 99.388 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033536.D
 Acq: 3 Apr 2018 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	798661		
171	37.0	30.0	45.0	
170	23.8	19.5	29.3	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033536.D

Acq: 3 Apr 2018 23:28

Instrument :

BNA_G

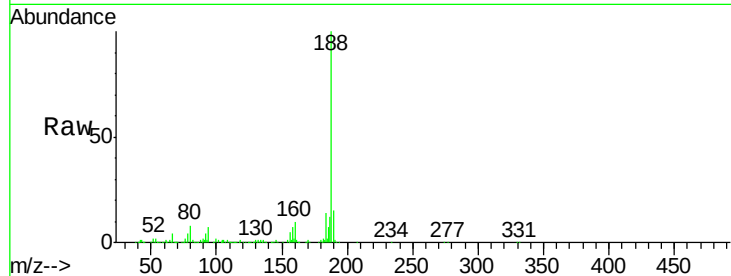
ClientSampleId :

CHRT24256

Tot Ion:	188	Resp:	319221
Ion Ratio	Lower	Upper	
188	100		
94	7.3	6.9	10.3
80	7.9	7.7	11.5

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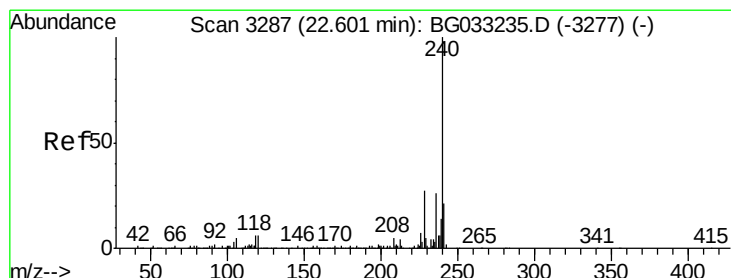
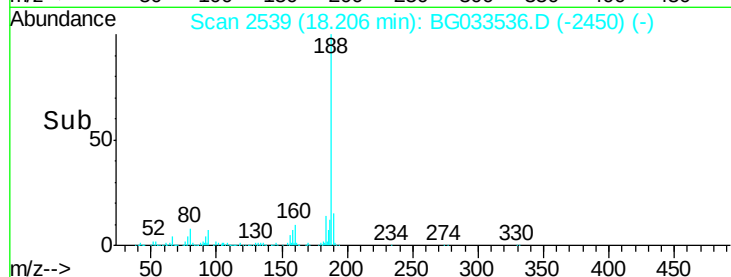
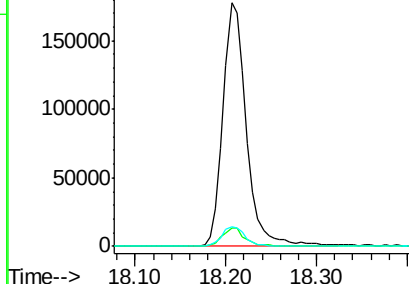
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

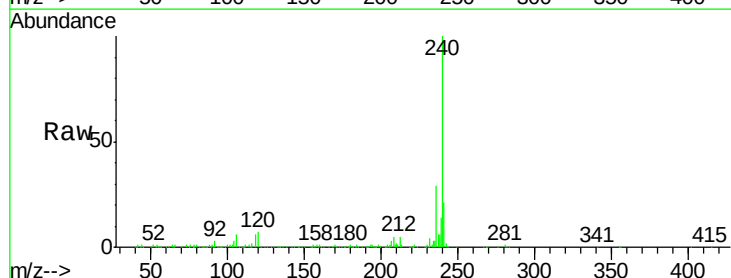
RT: 22.55 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BG033536.D

Acq: 3 Apr 2018 23:28

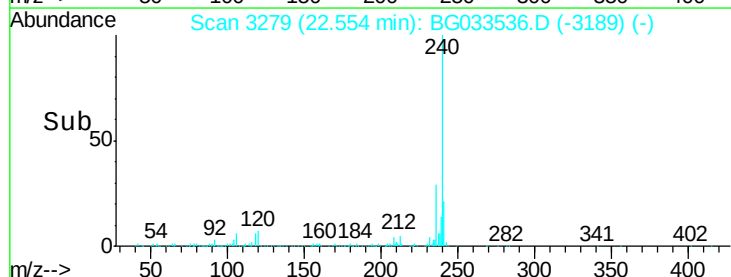
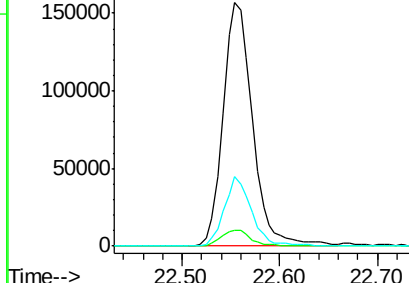
Tgt Ion:	240	Resp:	329647
Ion Ratio	Lower	Upper	
240	100		
120	6.5	6.8	10.2#
236	28.8	20.9	31.3

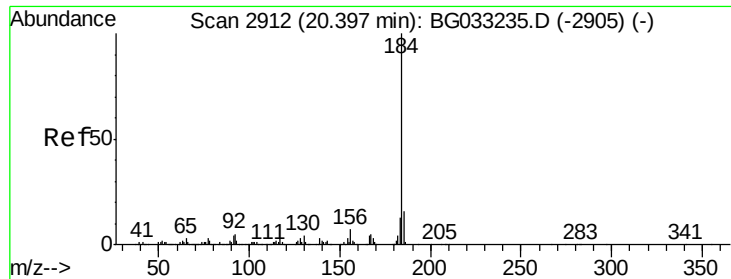


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





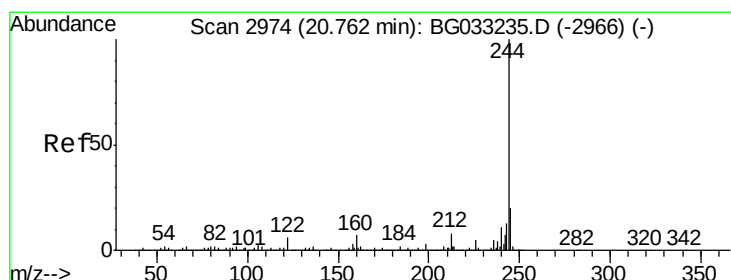
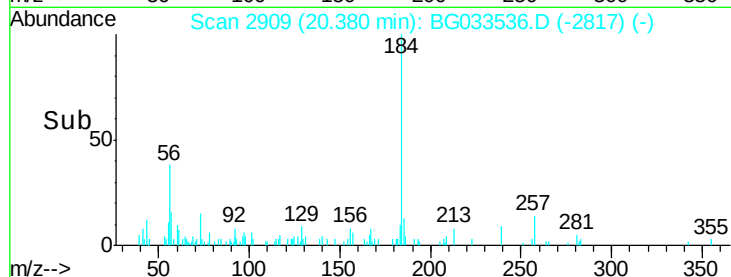
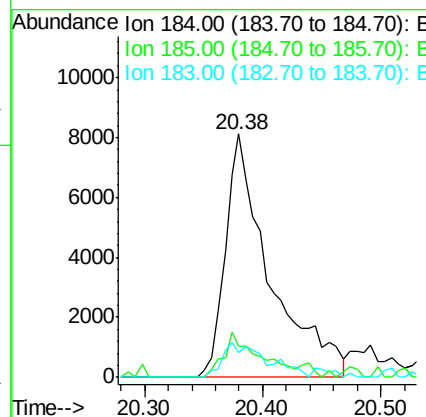
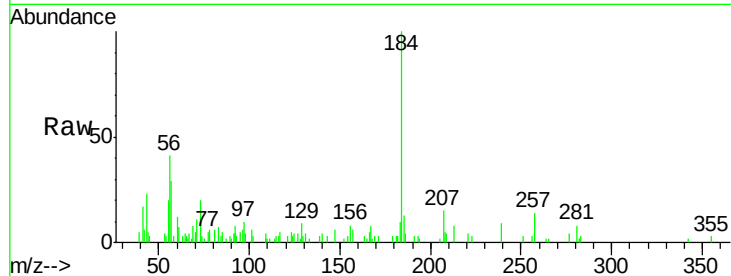
#76
Benzidine
Concen: 2.377 ng/mL
RT: 20.38 min Scan# 2909
Delta R.T. 0.01 min
Lab File: BG033536.D
Acq: 3 Apr 2018 23:28

Instrument :
BNA_G
ClientSampleId :
CHRT24256

Tot Ion	Ratio	Lower	Upper
184	100		
185	12.9	11.1	16.7
183	10.4	10.6	16.0

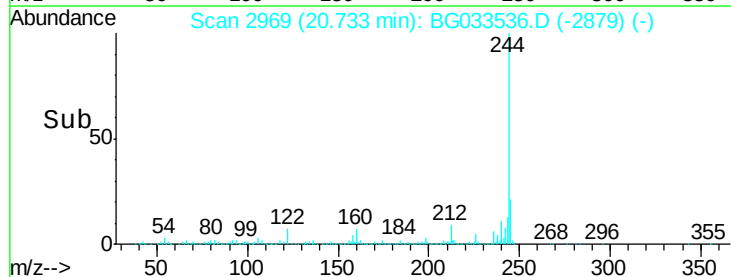
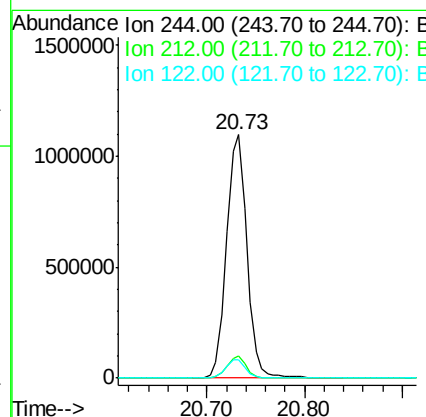
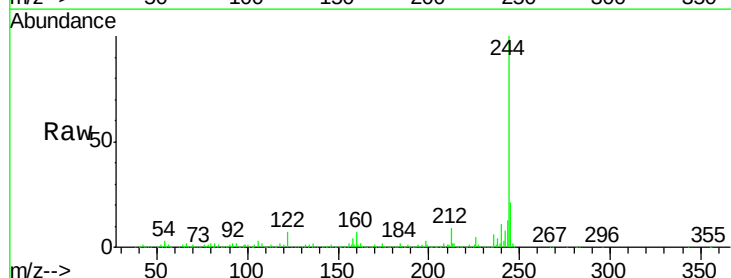
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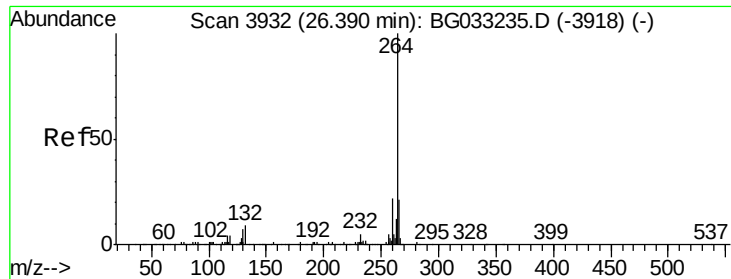
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#78
Terphenyl-d14
Concen: 103.186 ng/mL
RT: 20.73 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BG033536.D
Acq: 3 Apr 2018 23:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8
122	7.3	7.0	10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. 0.01 min
Lab File: BG033536.D
Acq: 3 Apr 2018 23:28

Instrument :
BNA_G
ClientSampleId :
CHRT24256

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	20.6	17.7	26.5

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