

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038298.D
 Acq On : 1 Dec 2018 22:05
 Operator : JU/SJ
 Sample : J6128-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-U-B

Quant Time: Dec 03 01:09:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

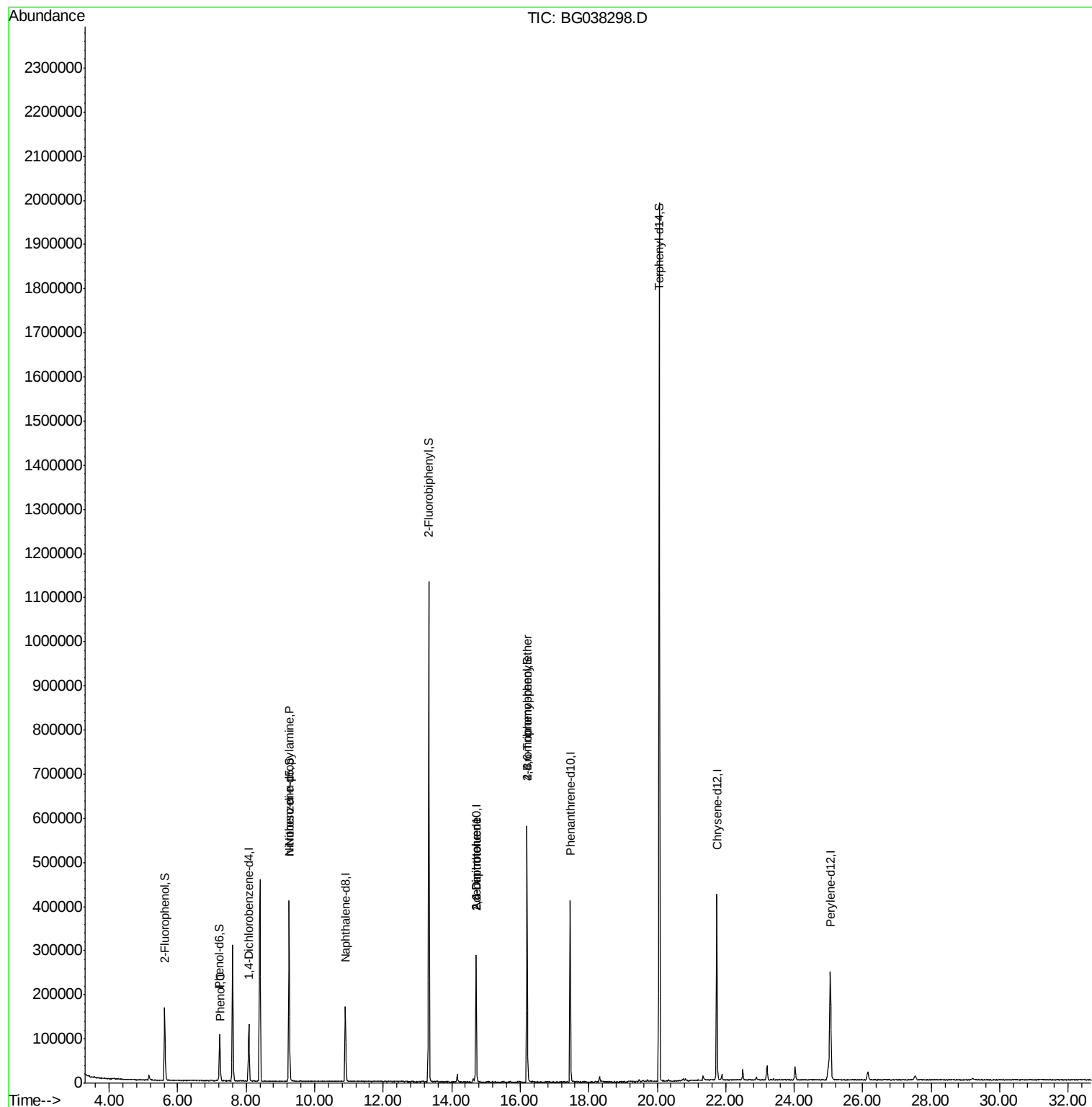
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36548	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	158560	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	102079	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	264732	20.00	ng	0.00
76) Chrysene-d12	21.74	240	260661	20.00	ng	-0.02
87) Perylene-d12	25.05	264	267073	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	76193	35.99	ng	0.00
7) Phenol-d6	7.22	99	64847	21.46	ng	0.00
23) Nitrobenzene-d5	9.25	82	251618	84.95	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	105844	90.92	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	590493	84.27	ng	-0.02
79) Terphenyl-d14	20.06	244	984600	88.88	ng	0.00
Target Compounds						
10) Phenol	7.25	94	8315	2.598	ng	95
19) n-Nitroso-di-n-propylamine	9.25	70	33306	15.233	ng	# 77
51) 2,6-Dinitrotoluene	14.71	165	12935	7.062	ng	# 26
57) 2,4-Dinitrotoluene	14.71	165	12935	5.191	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	7253	2.496	ng	# 1

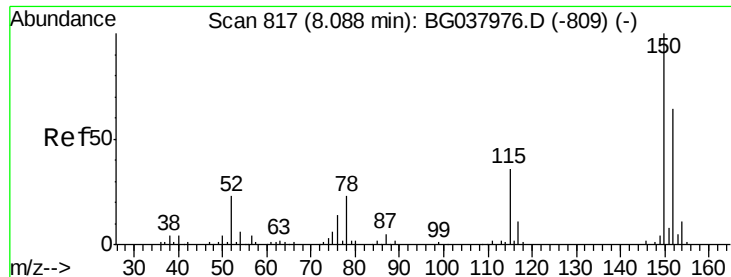
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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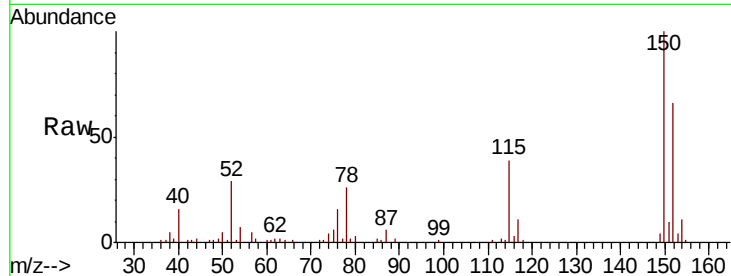


#1

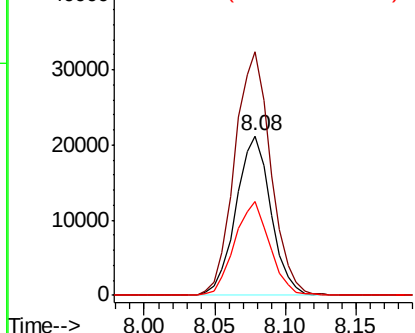
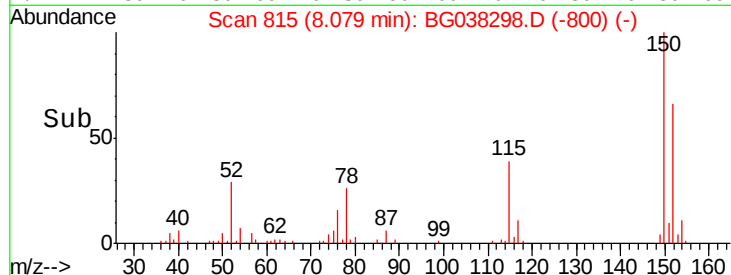
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038298.D
Acq: 1 Dec 2018 22:05

Instrument :
BNA_G
ClientSampleId :
112718-CHDE-F-U-B

Tot Ion:152 Resp: 36548
Ion Ratio Lower Upper
152 100
150 152.6 126.0 189.0
115 59.0 45.5 68.3



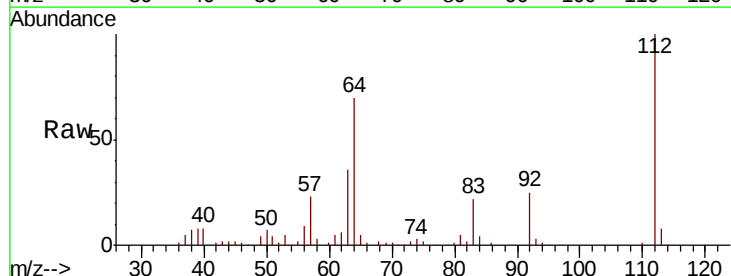
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



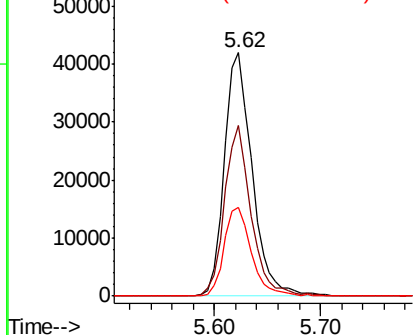
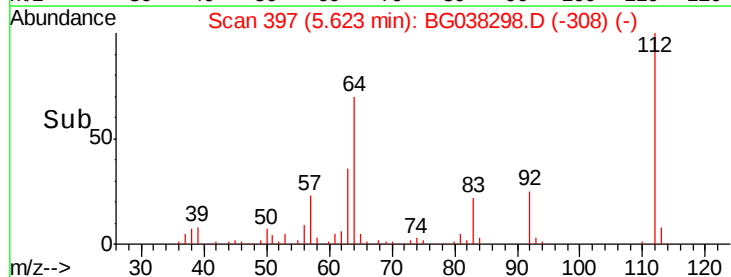
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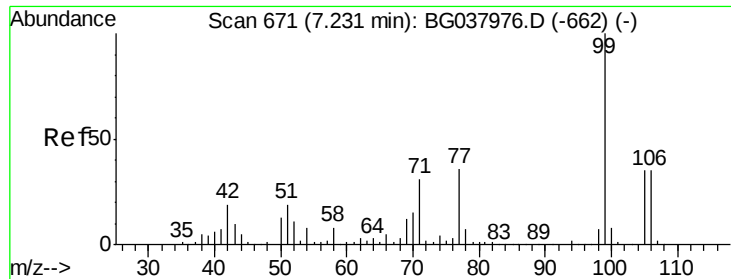
2-Fluorophenol
Concen: 35.994 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038298.D
Acq: 1 Dec 2018 22:05

Tgt Ion:112 Resp: 76193
Ion Ratio Lower Upper
112 100
64 70.3 53.1 79.7
63 36.2 27.3 40.9



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: 21.461 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038298.D

Acq: 1 Dec 2018 22:05

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-U-B

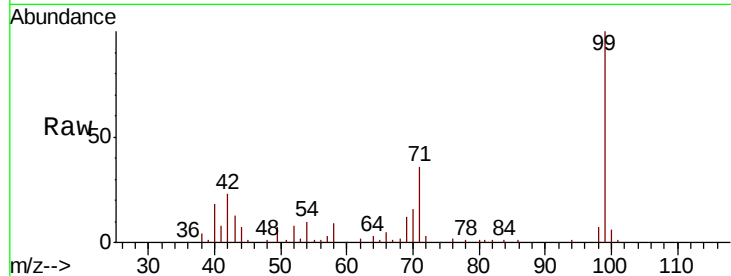
Tot Ion: 99 Resp: 64847

Ion Ratio Lower Upper

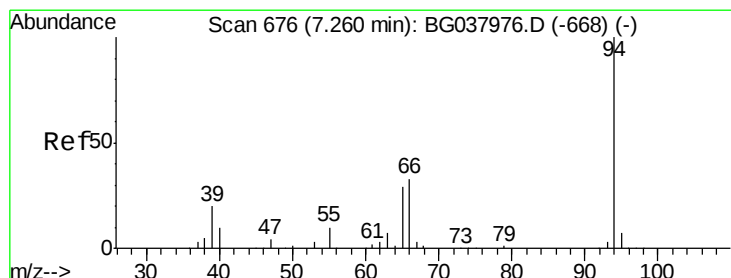
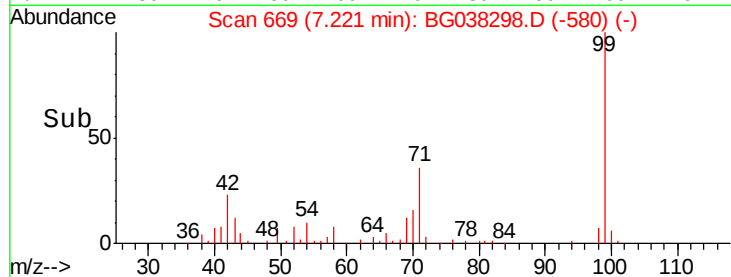
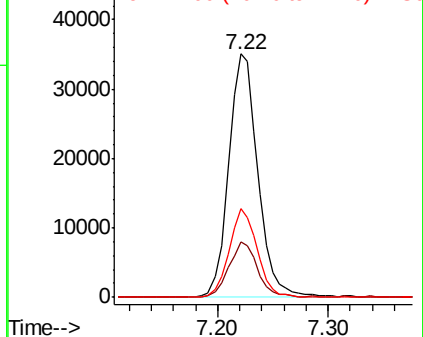
99 100

42 22.7 15.0 22.4#

71 36.4 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.598 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038298.D

Acq: 1 Dec 2018 22:05

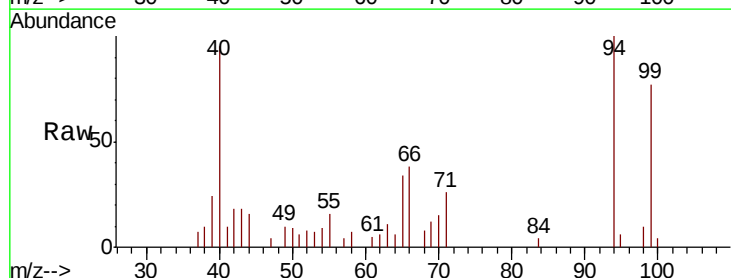
Tgt Ion: 94 Resp: 8315

Ion Ratio Lower Upper

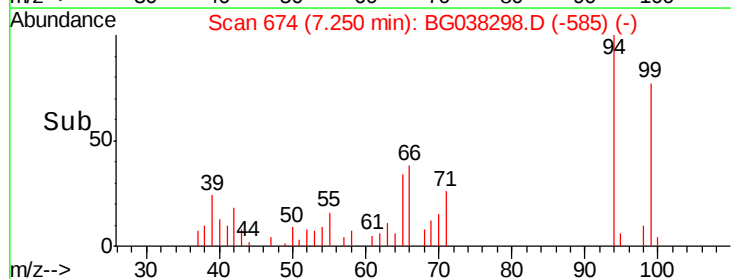
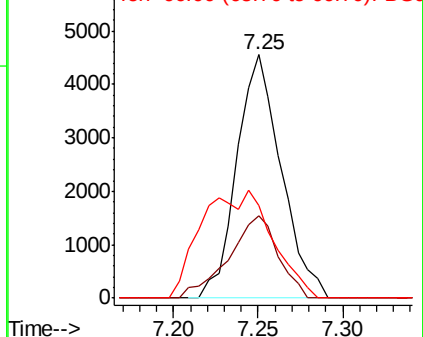
94 100

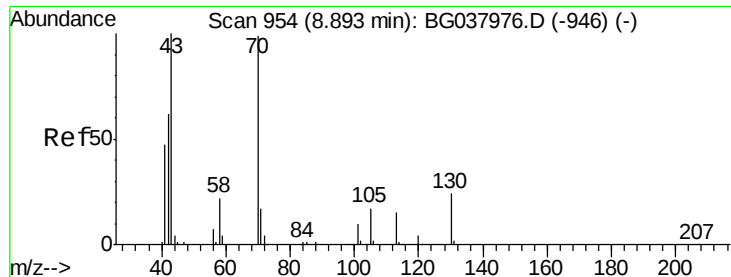
65 33.9 9.7 49.7

66 38.0 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

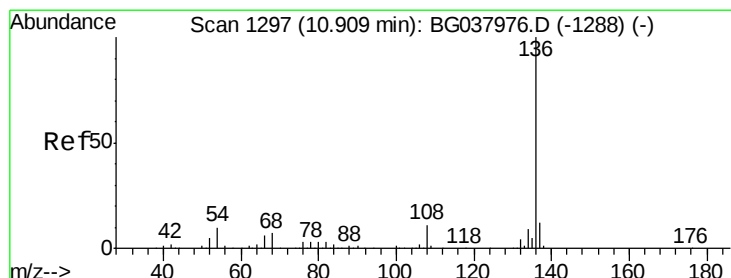
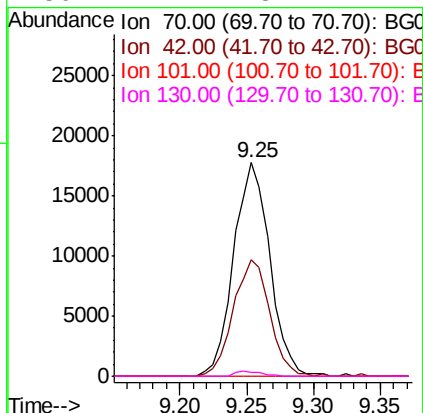
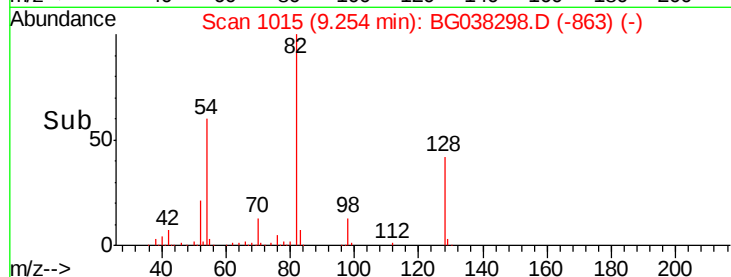
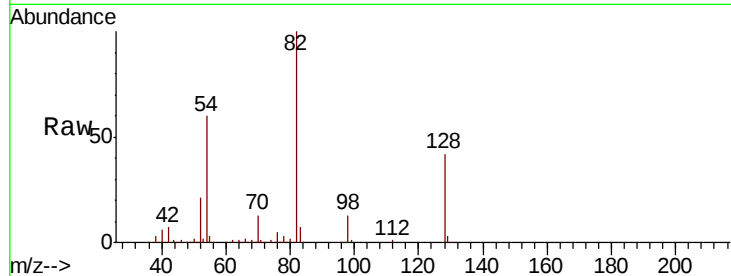




#19
n-Nitroso-di-n-propylamine
Concen: 15.233 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.36 min
Lab File: BG038298.D
Acq: 1 Dec 2018 22:05

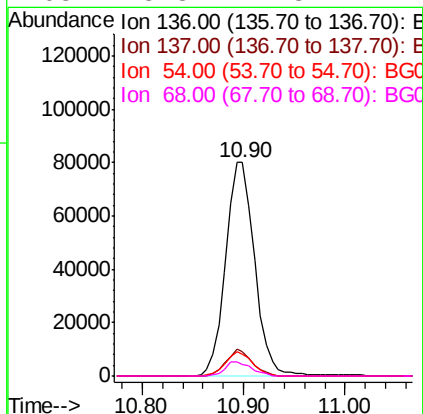
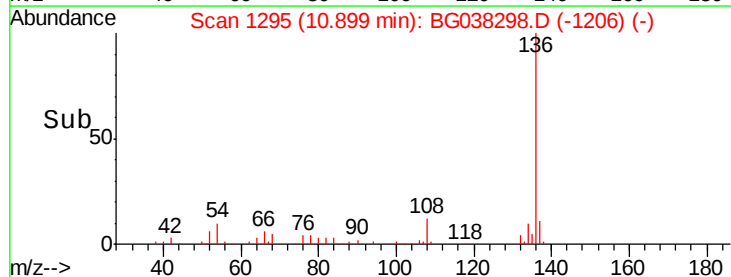
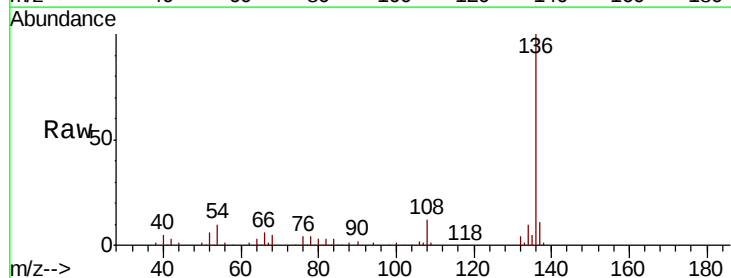
Instrument :
BNA_G
ClientSampleId :
112718-CHDE-F-U-B

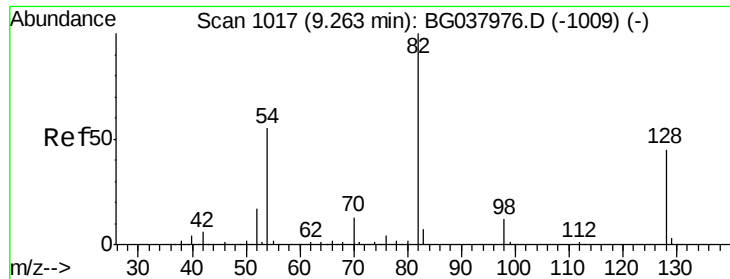
Tot Ion: 70 Resp: 33306
Ion Ratio Lower Upper
70 100
42 54.7 53.9 80.9
101 0.0 8.2 12.2#
130 1.7 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038298.D
Acq: 1 Dec 2018 22:05

Tgt Ion: 136 Resp: 158560
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 10.2 7.9 11.9
68 5.3 4.8 7.2

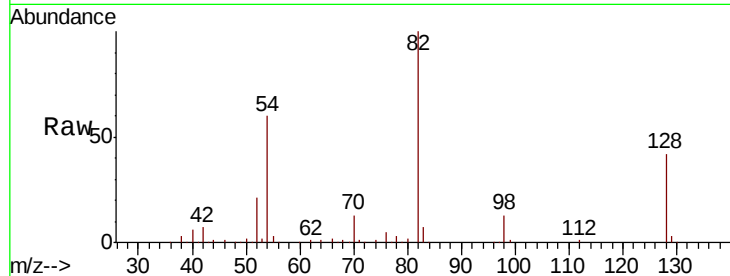




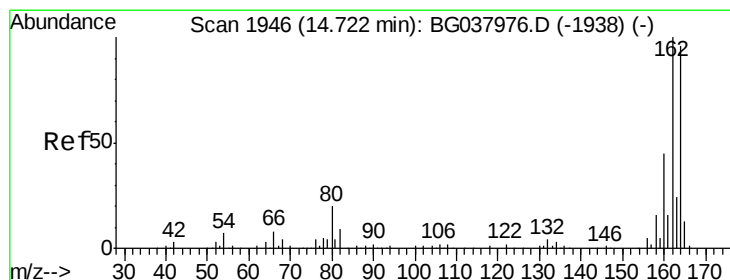
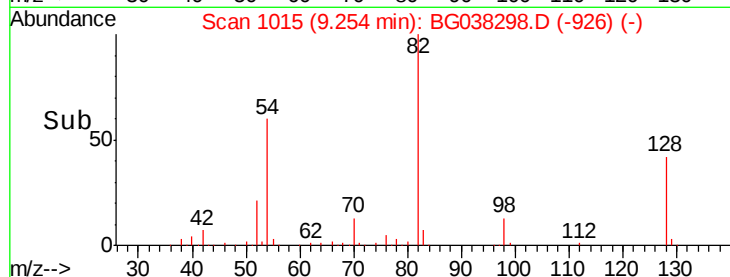
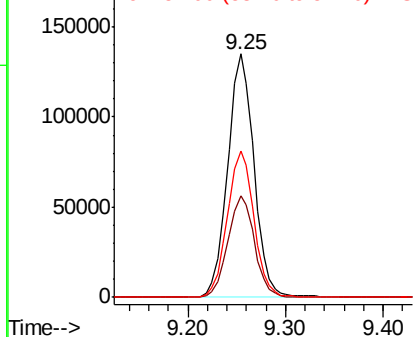
#23
Nitrobenzene-d5
Concen: 84.947 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038298.D
Acq: 1 Dec 2018 22:05

Instrument :
BNA_G
ClientSampleId :
112718-CHDE-F-U-B

Tot Ion: 82 Resp: 251618
Ion Ratio Lower Upper
82 100
128 41.6 34.6 51.8
54 60.1 45.3 67.9

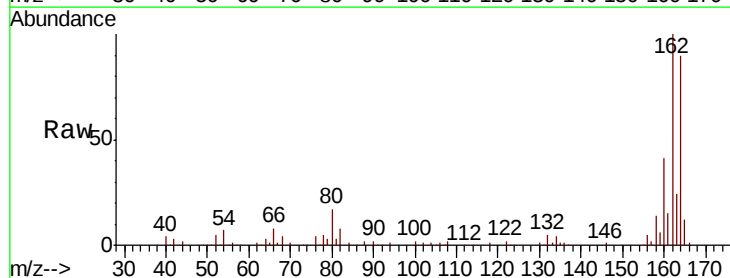


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

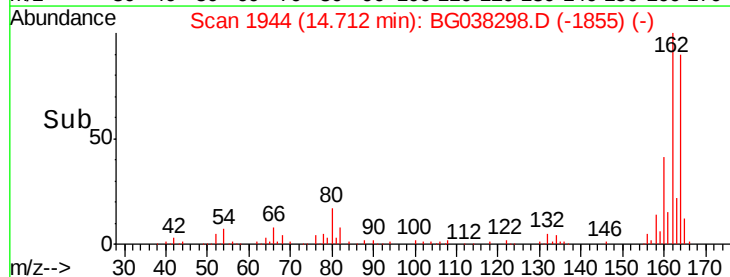
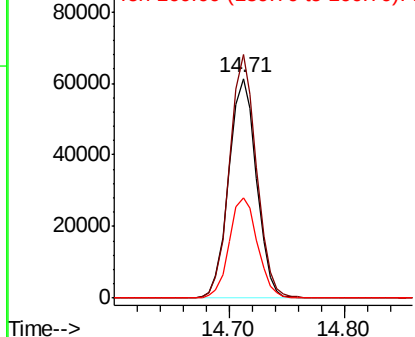


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG038298.D
Acq: 1 Dec 2018 22:05

Tgt Ion: 164 Resp: 102079
Ion Ratio Lower Upper
164 100
162 110.8 81.3 121.9
160 45.7 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

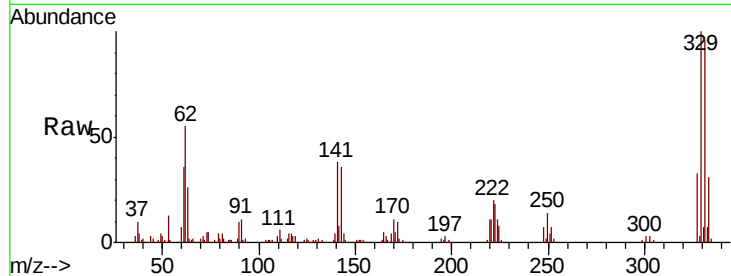




#42
 2,4,6-Tribromophenol
 Concen: 90.917 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038298.D
 Acq: 1 Dec 2018 22:05

Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.4	117.6
141	40.1	32.2	48.2

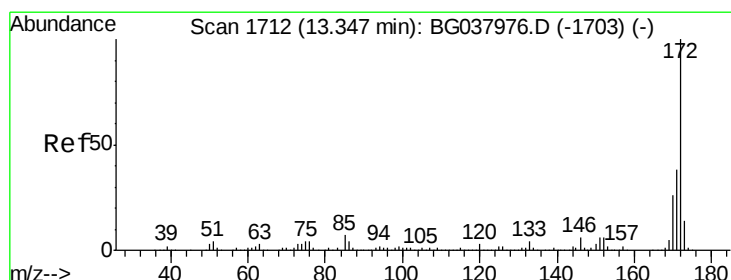
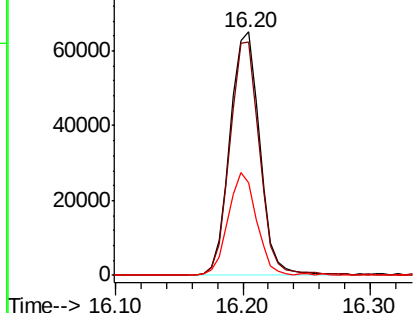
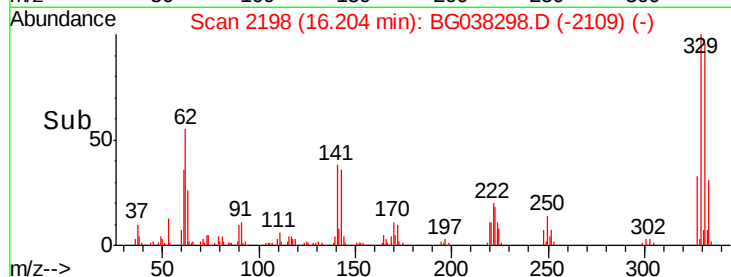


Abundance

Ion 329.80 (329.50 to 330.50): E

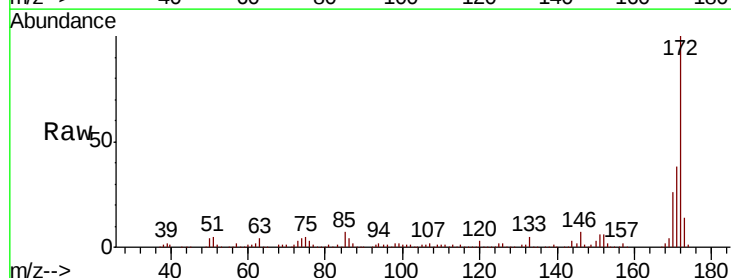
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.274 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG038298.D
 Acq: 1 Dec 2018 22:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	25.6	20.2	30.2

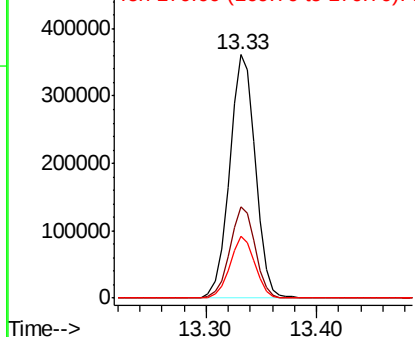
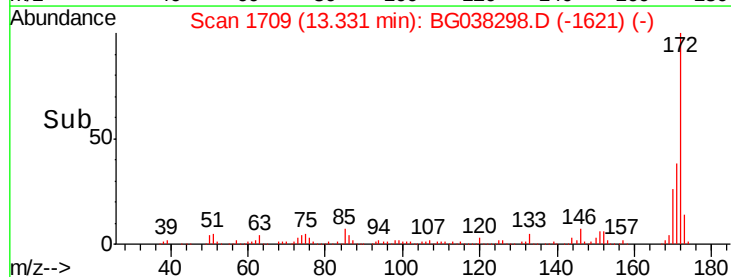


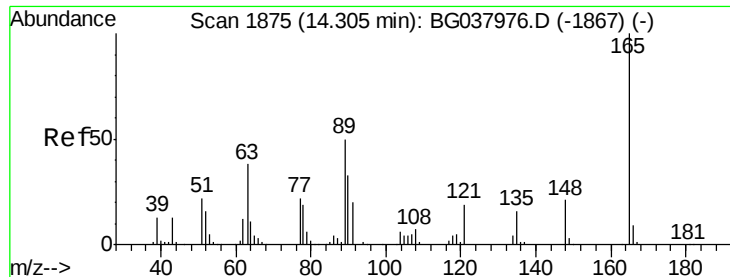
Abundance

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

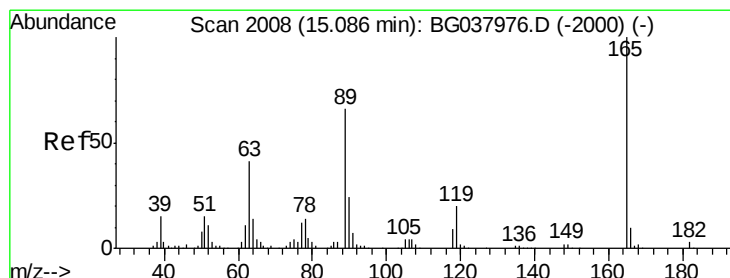
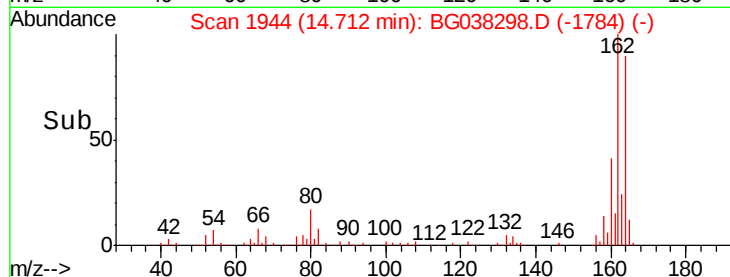
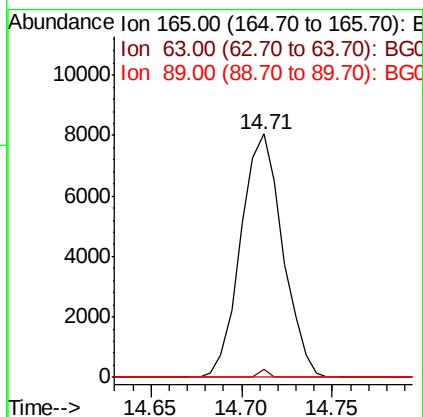
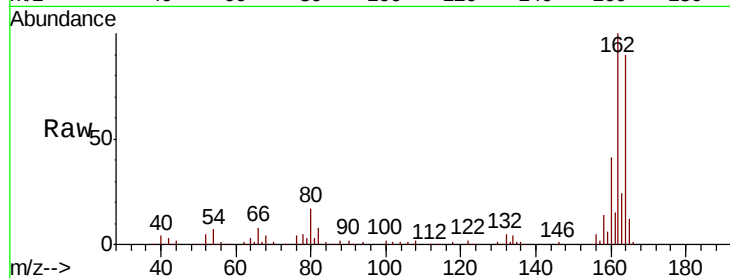




#51
 2,6-Dinitrotoluene
 Concen: 7.062 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. 0.41 min
 Lab File: BG038298.D
 Acq: 1 Dec 2018 22:05

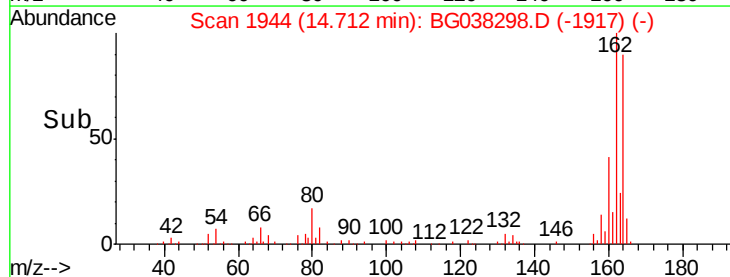
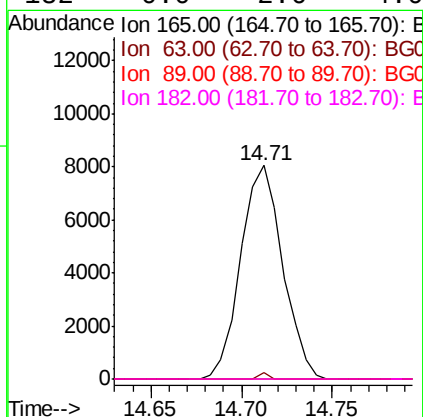
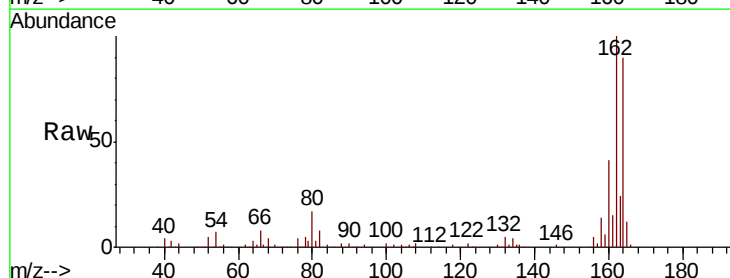
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Tot Ion	Ratio	Lower	Upper
165	100		
63	3.1	43.4	65.2#
89	0.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.191 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.37 min
 Lab File: BG038298.D
 Acq: 1 Dec 2018 22:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.1	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

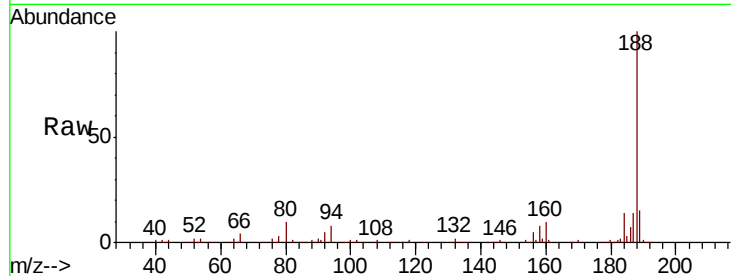




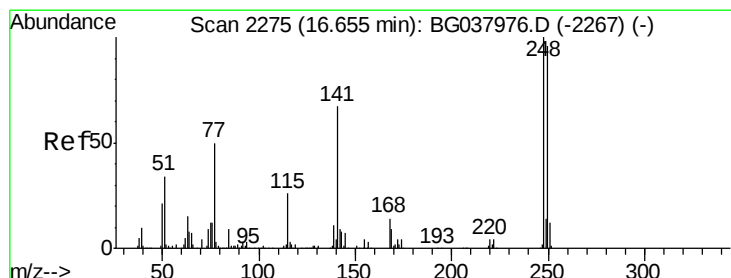
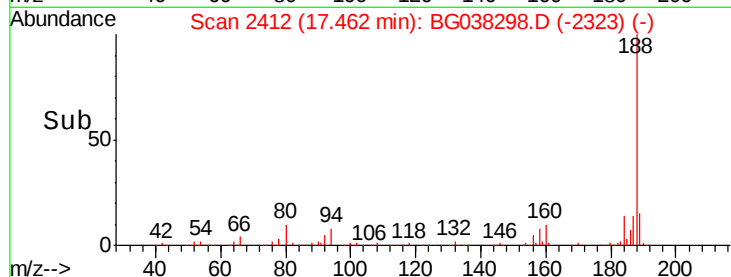
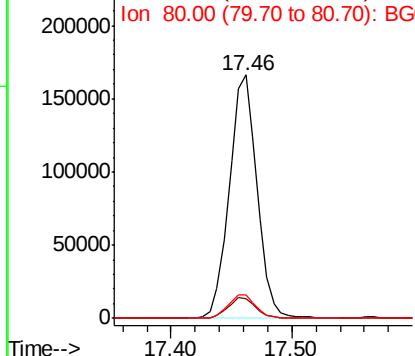
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038298.D
 Acq: 1 Dec 2018 22:05

Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-U-B

Tot Ion:188 Resp: 264732
 Ion Ratio Lower Upper
 188 100
 94 7.9 7.2 10.8
 80 9.7 7.7 11.5

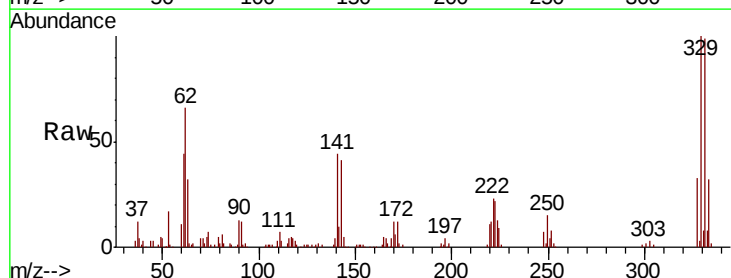


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

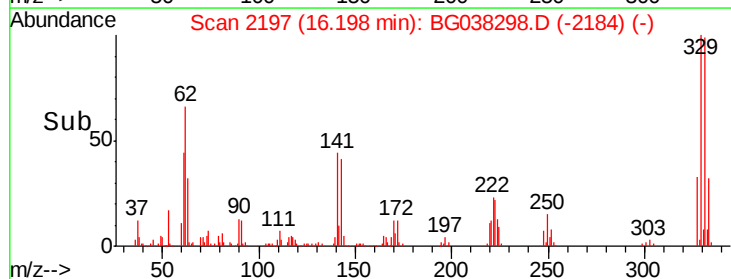
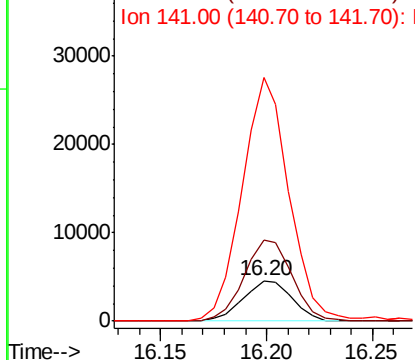


#67
 4-Bromophenyl-phenylether
 Concen: 2.496 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.46 min
 Lab File: BG038298.D
 Acq: 1 Dec 2018 22:05

Tgt Ion:248 Resp: 7253
 Ion Ratio Lower Upper
 248 100
 250 191.6 77.0 115.6#
 141 456.9 55.5 83.3#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

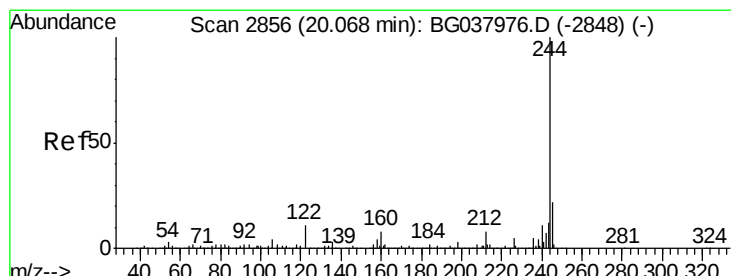
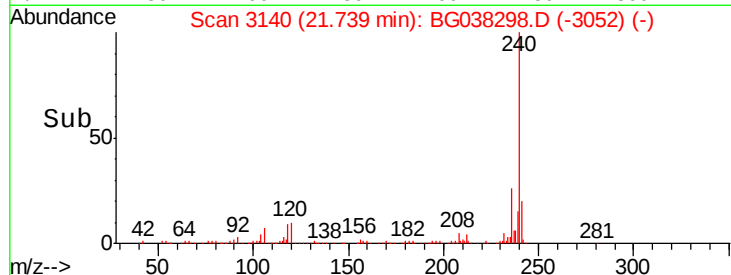
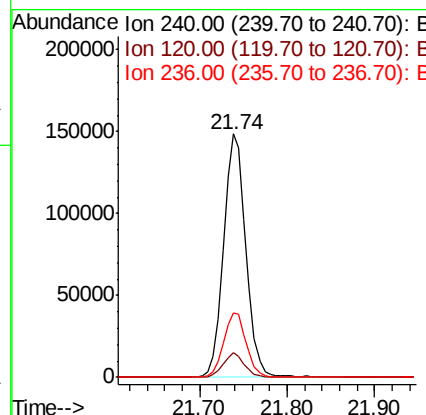
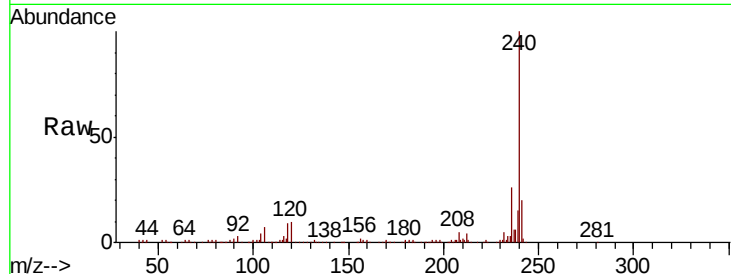




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.02 min
 Lab File: BG038298.D
 Acq: 1 Dec 2018 22:05

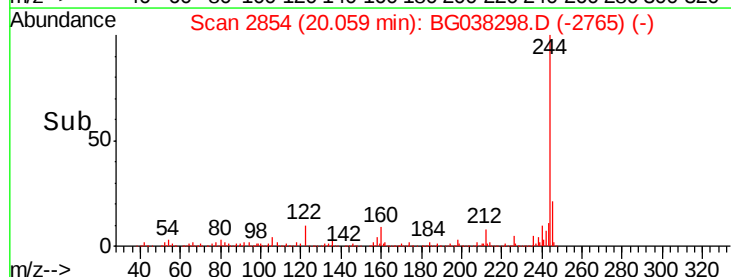
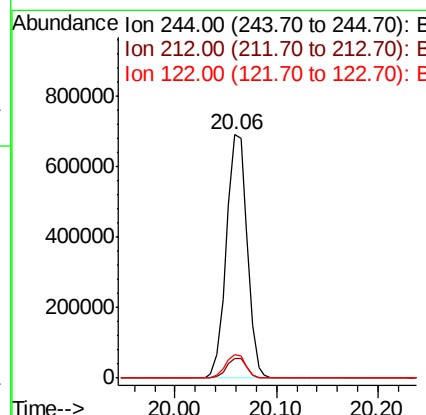
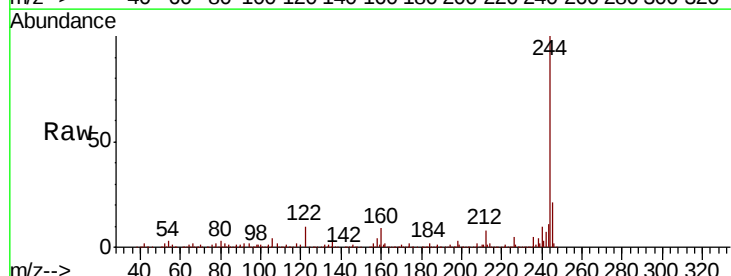
Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-U-B

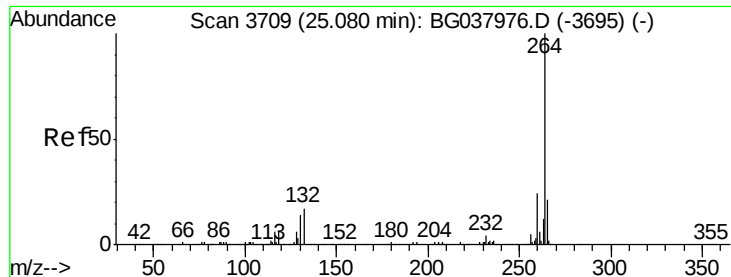
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	26.5	21.4	32.0



#79
 Terphenyl-d14
 Concen: 88.881 ng
 RT: 20.06 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BG038298.D
 Acq: 1 Dec 2018 22:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	9.8	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3704
Delta R.T. -0.03 min
Lab File: BG038298.D
Acq: 1 Dec 2018 22:05

Instrument :
BNA_G
ClientSampleId :
112718-CHDE-F-U-B

Tot Ion: 264 Resp: 267073

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.4
265	22.2	17.9	26.9

