

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038300.D
 Acq On : 1 Dec 2018 23:25
 Operator : JU/SJ
 Sample : J6128-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Dec 03 01:10:17 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

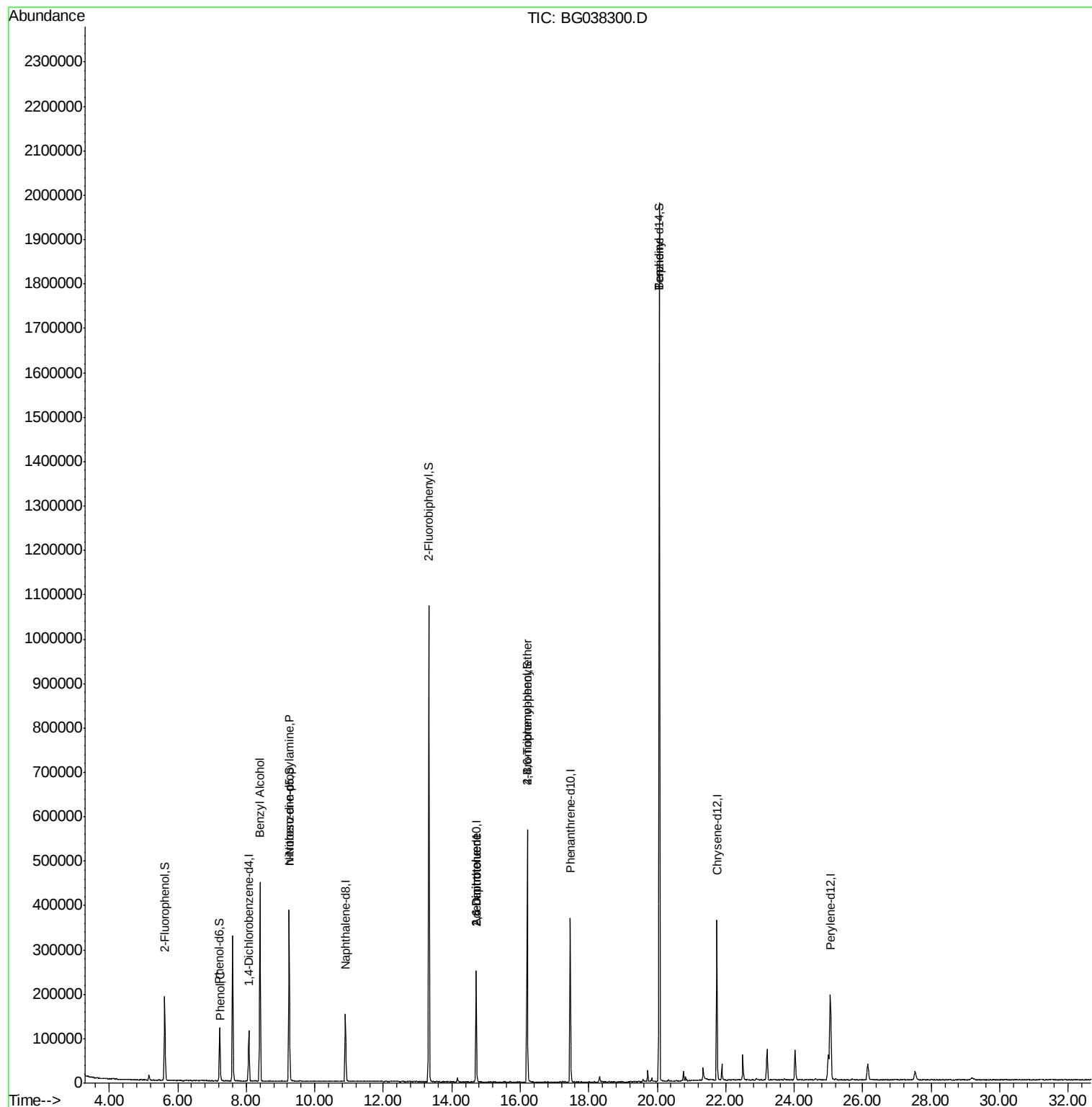
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	32165	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	137929	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	89906	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	231829	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	218076	20.00	ng	-0.01
87) Perylene-d12	25.05	264	222120	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	83258	44.69	ng	-0.01
7) Phenol-d6	7.22	99	72967	27.44	ng	-0.01
23) Nitrobenzene-d5	9.25	82	242416	94.08	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	106687	104.05	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	570528	92.45	ng	-0.01
79) Terphenyl-d14	20.06	244	931004	100.45	ng	0.00
Target Compounds						
10) Phenol	7.25	94	5854	2.078	ng	93
15) Benzyl Alcohol	8.39	79	3983	2.070	ng	# 42
19) n-Nitroso-di-n-propylamine	9.25	70	31411	16.324	ng	# 78
51) 2,6-Dinitrotoluene	14.71	165	11697	7.251	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	11697	5.329	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	7145	2.808	ng	# 1
77) Benizidine	20.06	184	16947	2.215	ng	# 92

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

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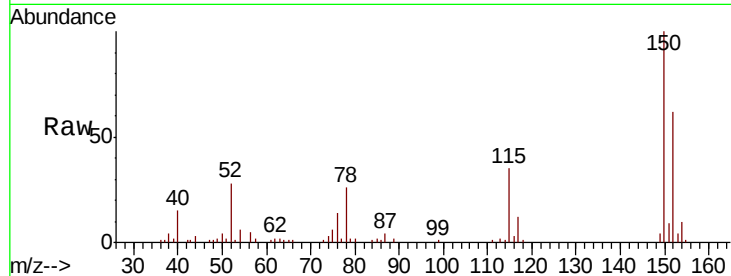


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG038300.D
 Acq: 1 Dec 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.0	189.0
115	56.2	45.5	68.3

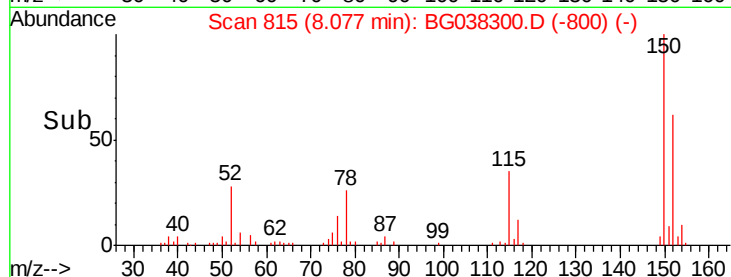
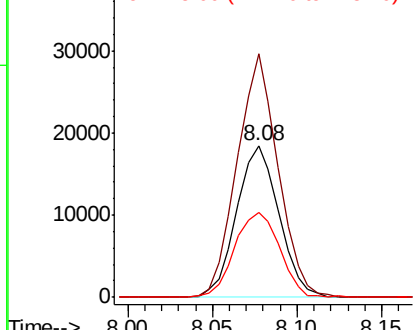


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

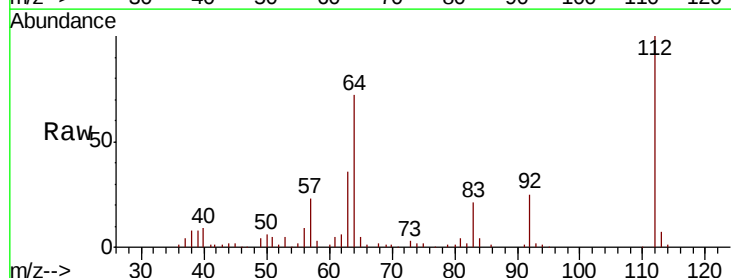
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 44.692 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG038300.D
 Acq: 1 Dec 2018 23:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.4	53.1	79.7
63	36.4	27.3	40.9

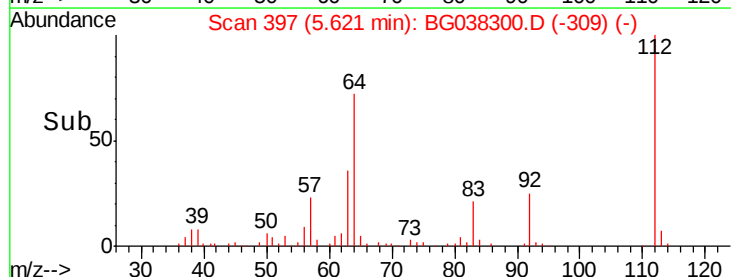
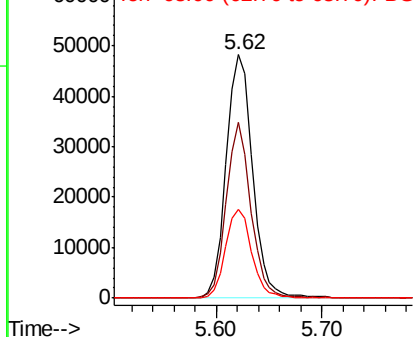


Abundance

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: 27.439 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038300.D

Acq: 1 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-U-S

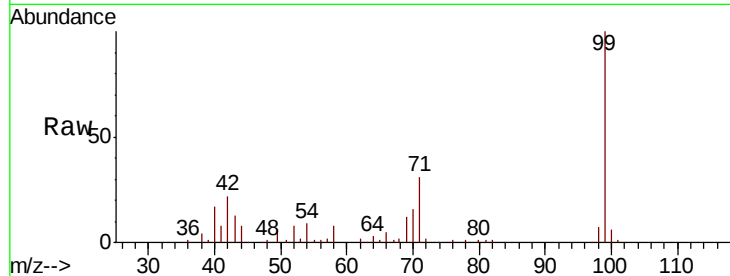
Tot Ion: 99 Resp: 72967

Ion Ratio Lower Upper

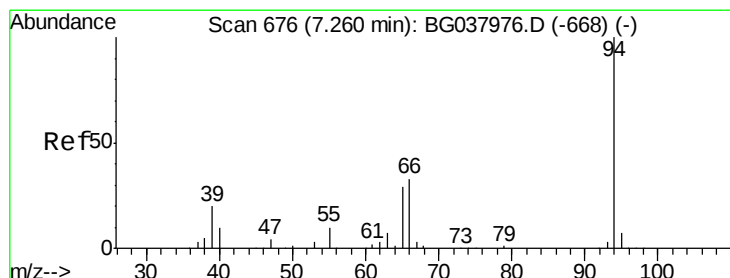
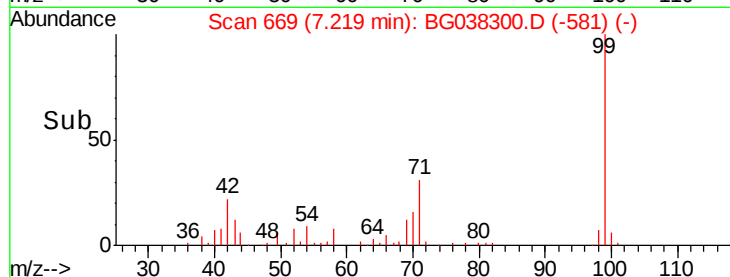
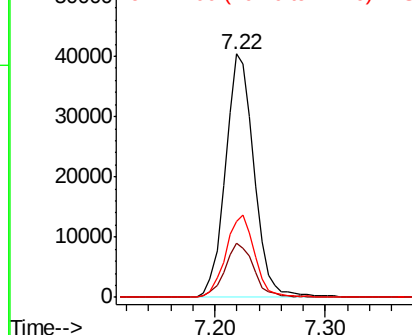
99 100

42 22.5 15.0 22.4#

71 31.3 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: 2.078 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038300.D

Acq: 1 Dec 2018 23:25

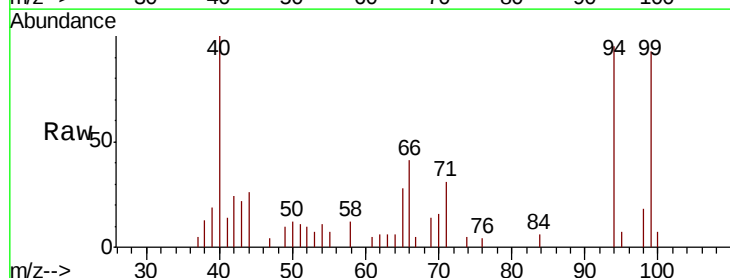
Tgt Ion: 94 Resp: 5854

Ion Ratio Lower Upper

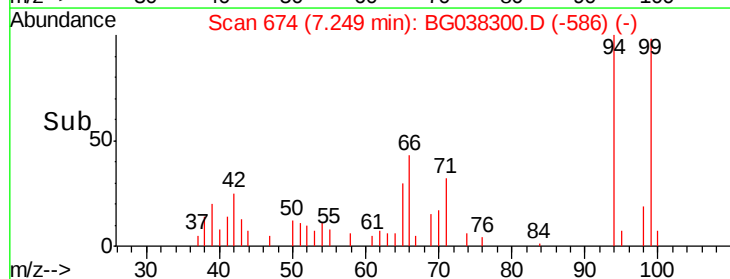
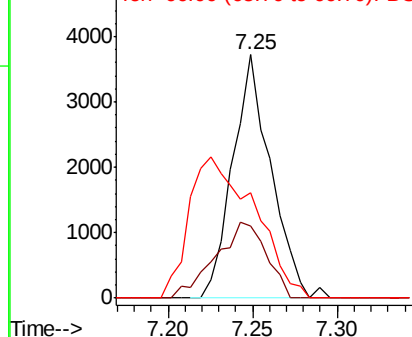
94 100

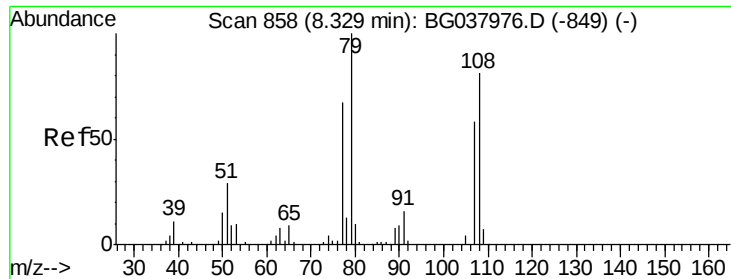
65 29.8 9.7 49.7

66 43.2 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





#15

Benzyl Alcohol

Concen: 2.070 ng

RT: 8.39 min Scan# 869

Delta R.T. 0.07 min

Lab File: BG038300.D

Acq: 1 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-U-S

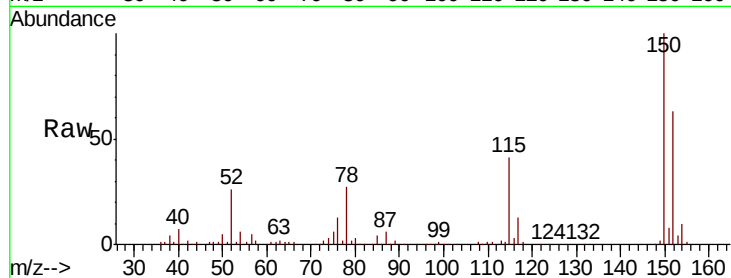
Tot Ion: 79 Resp: 3983

Ion Ratio Lower Upper

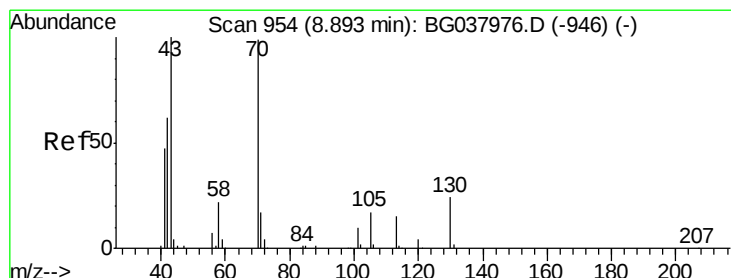
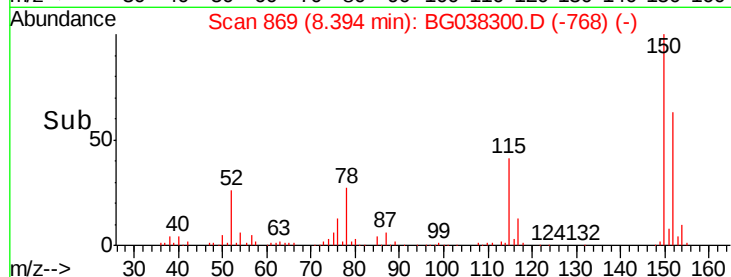
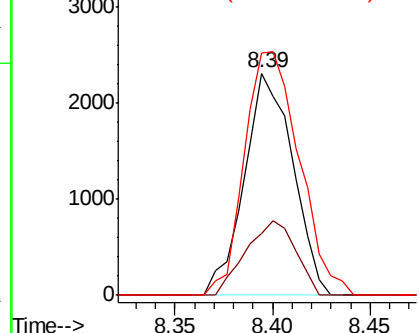
79 100

108 27.7 65.8 98.8#

77 108.8 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 16.324 ng

RT: 9.25 min Scan# 1015

Delta R.T. 0.36 min

Lab File: BG038300.D

Acq: 1 Dec 2018 23:25

Tgt Ion: 70 Resp: 31411

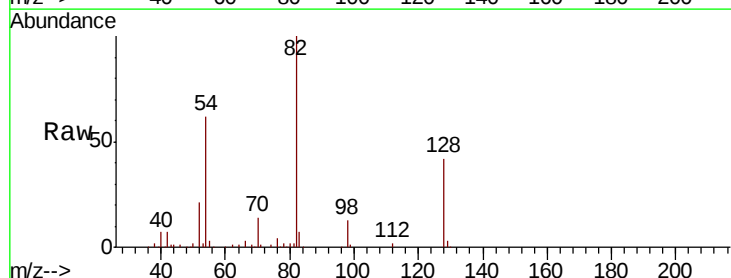
Ion Ratio Lower Upper

70 100

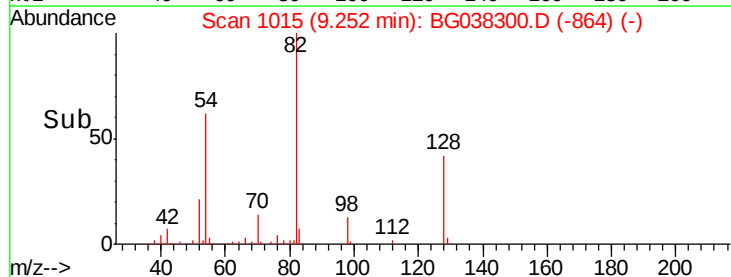
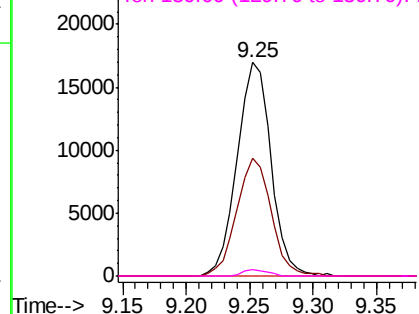
42 55.2 53.9 80.9

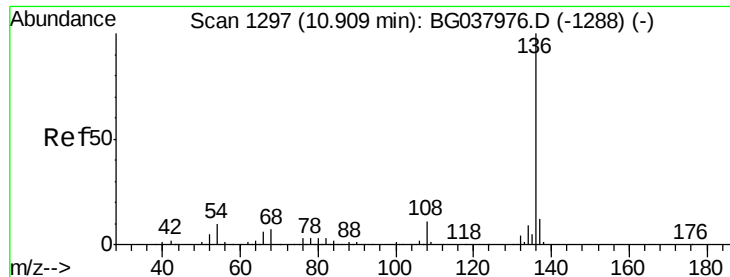
101 0.0 8.2 12.2#

130 2.7 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

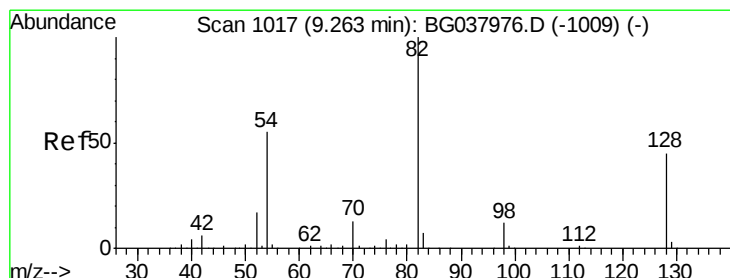
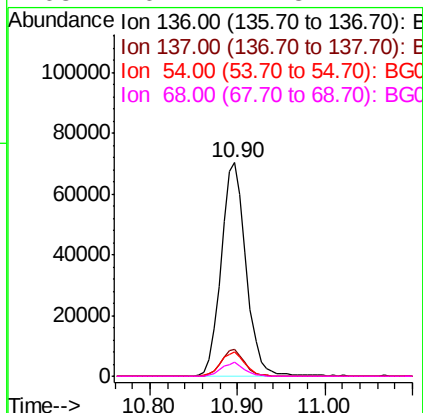
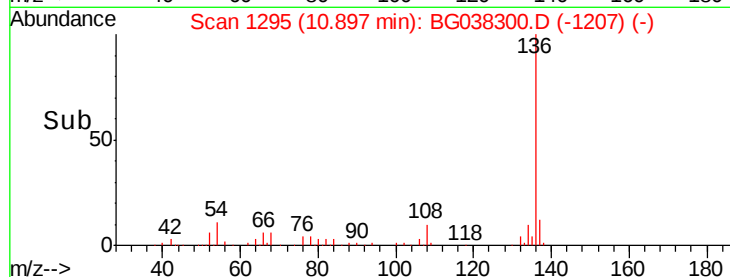
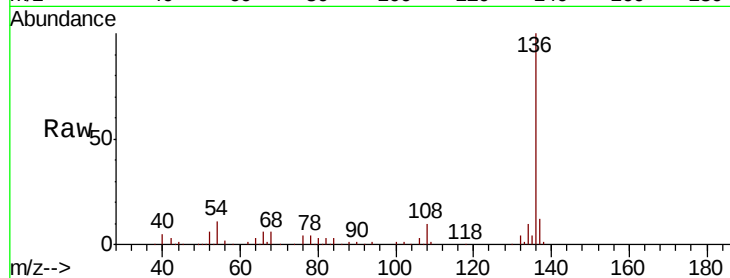




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038300.D
Acq: 1 Dec 2018 23:25

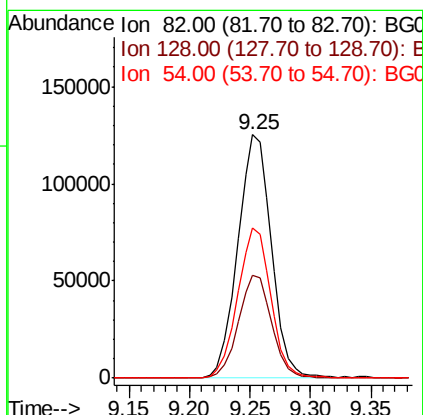
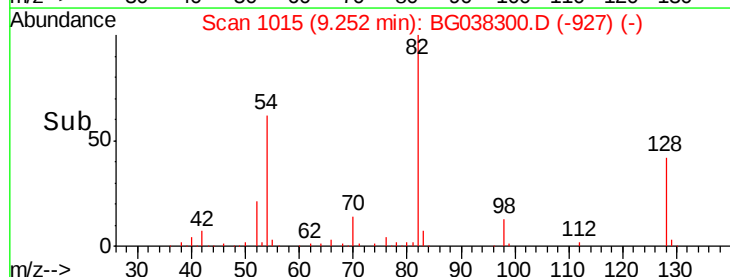
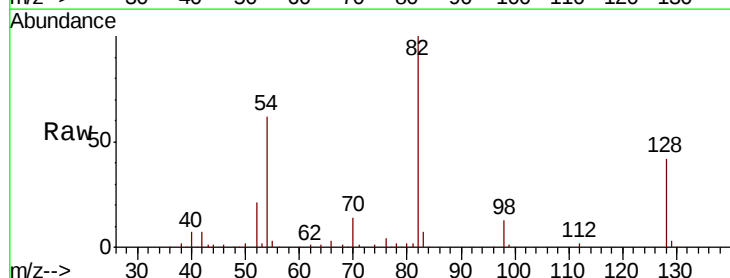
Instrument :
BNA_G
ClientSampleId :
112718-CHDE-F-U-S

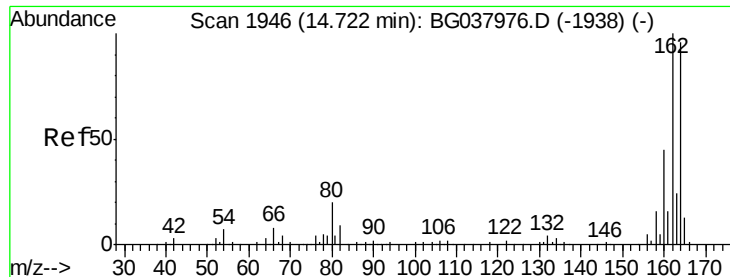
Tot Ion:136	Resp:	137929	
Ion Ratio	Lower	Upper	
136 100			
137 12.4	9.6	14.4	
54 11.5	7.9	11.9	
68 6.4	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 94.082 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038300.D
Acq: 1 Dec 2018 23:25

Tgt Ion: 82	Resp: 242416
Ion Ratio	Lower Upper
82 100	
128 42.0	34.6 51.8
54 61.9	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038300.D

Acq: 1 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-U-S

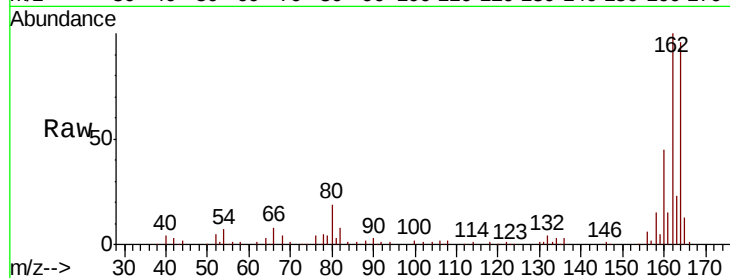
Tot Ion:164 Resp: 89906

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

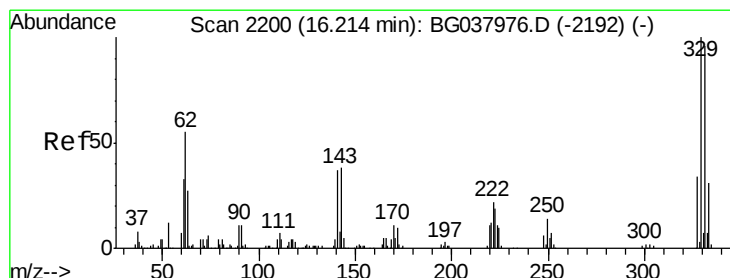
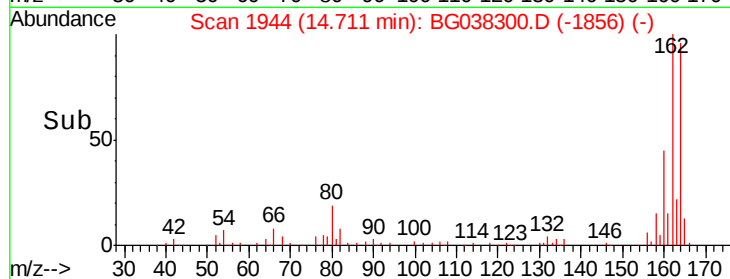
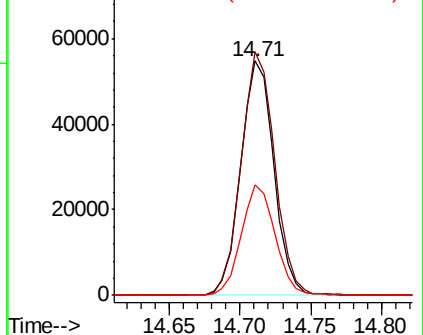
160 47.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 104.049 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038300.D

Acq: 1 Dec 2018 23:25

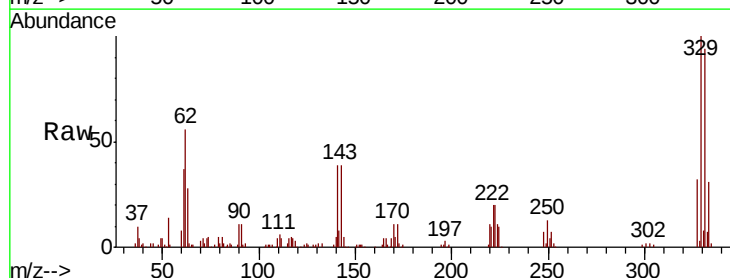
Tgt Ion:330 Resp: 106687

Ion Ratio Lower Upper

330 100

332 94.4 78.4 117.6

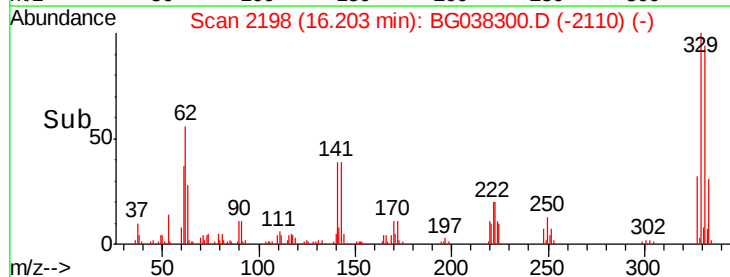
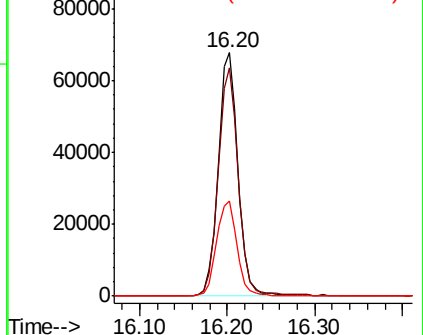
141 40.4 32.2 48.2

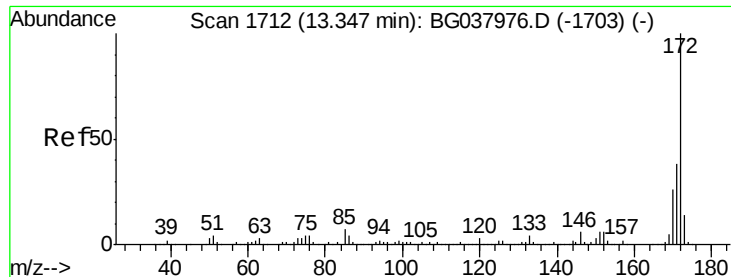


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

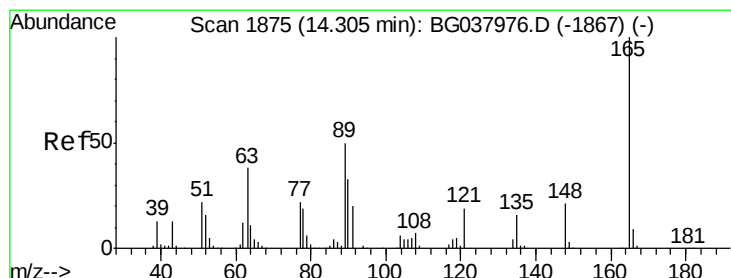
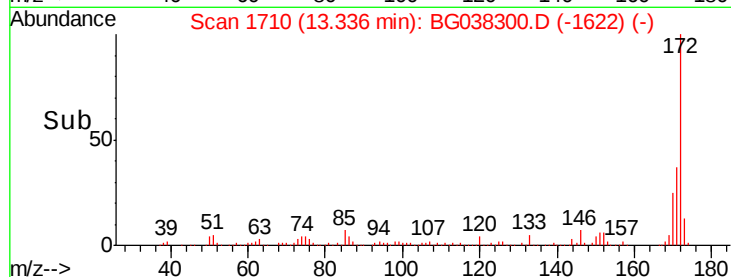
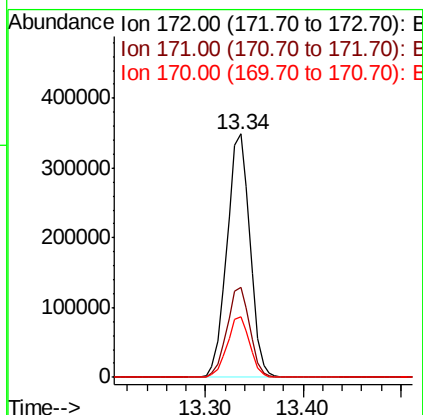
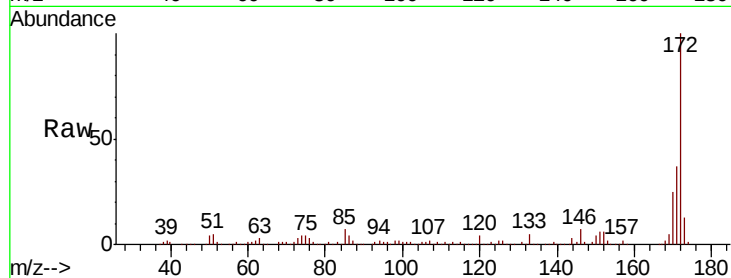




#45
 2-Fluorobiphenyl
 Concen: 92.449 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038300.D
 Acq: 1 Dec 2018 23:25

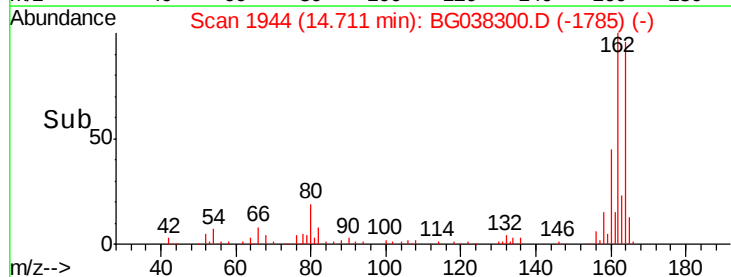
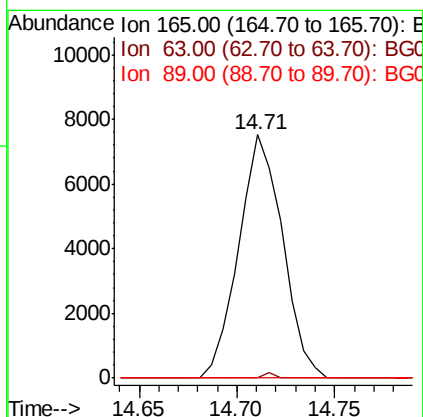
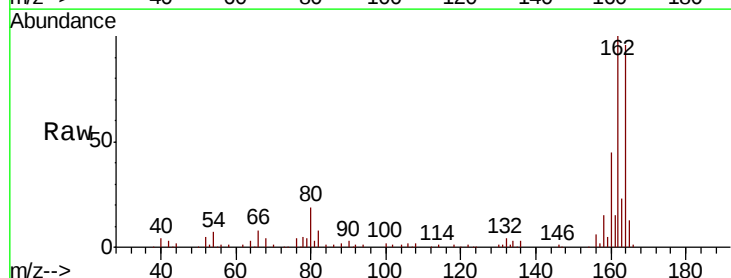
Instrument :
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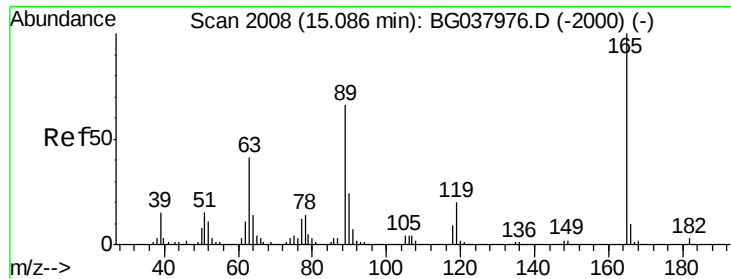
Tot Ion:172 Resp: 570528
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.0 46.4
 170 24.7 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.251 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. 0.41 min
 Lab File: BG038300.D
 Acq: 1 Dec 2018 23:25

Tgt Ion:165 Resp: 11697
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#

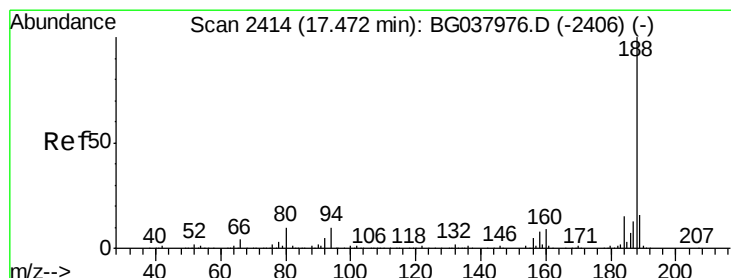
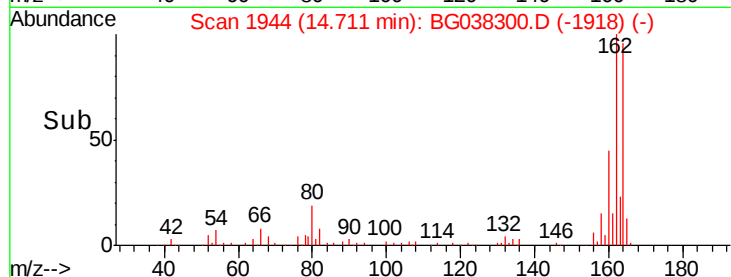
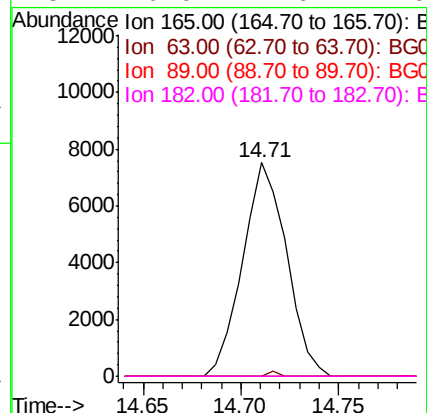
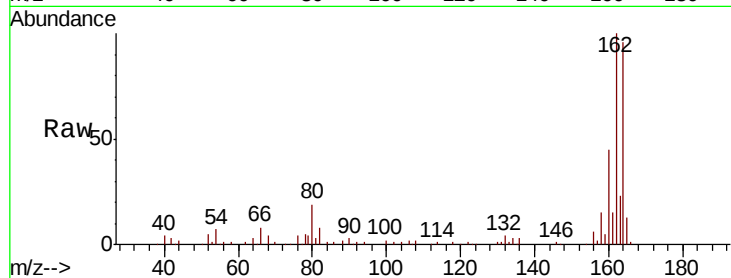




#57
 2,4-Dinitrotoluene
 Concen: 5.329 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.38 min
 Lab File: BG038300.D
 Acq: 1 Dec 2018 23:25

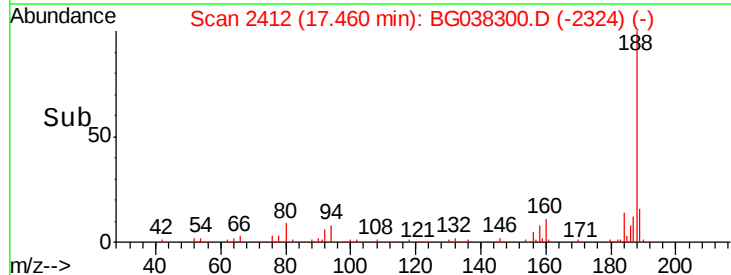
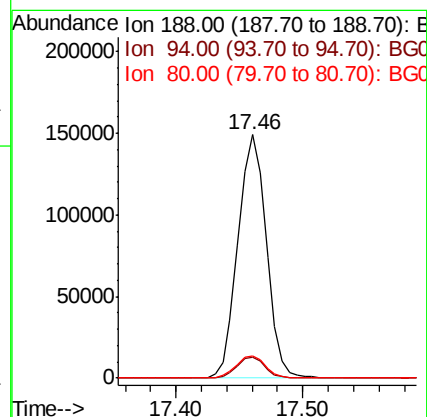
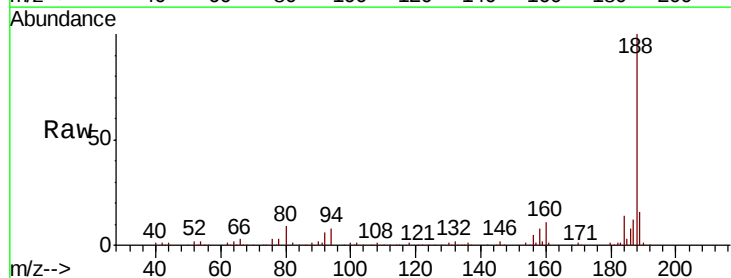
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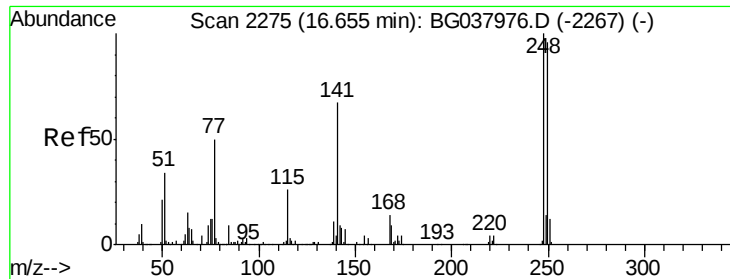
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038300.D
 Acq: 1 Dec 2018 23:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	9.2	7.7	11.5

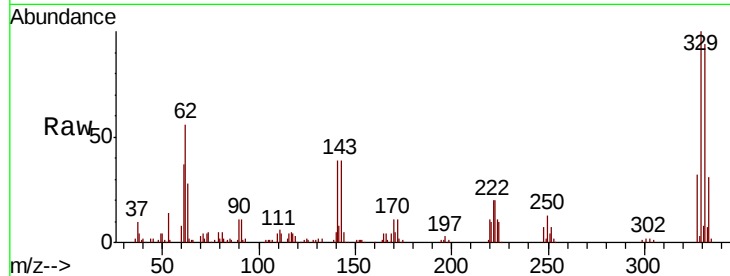




#67
 4-Bromophenyl-phenylether
 Concen: 2.808 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038300.D
 Acq: 1 Dec 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	182.7	77.0	115.6#
141	421.6	55.5	83.3#

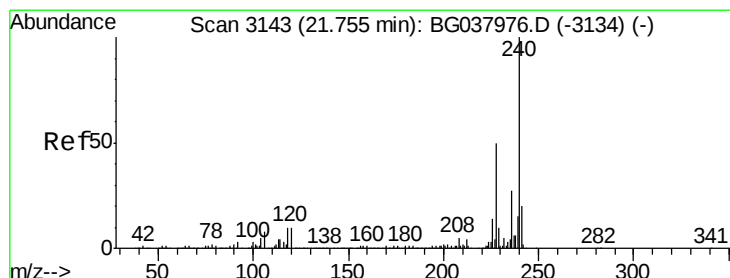
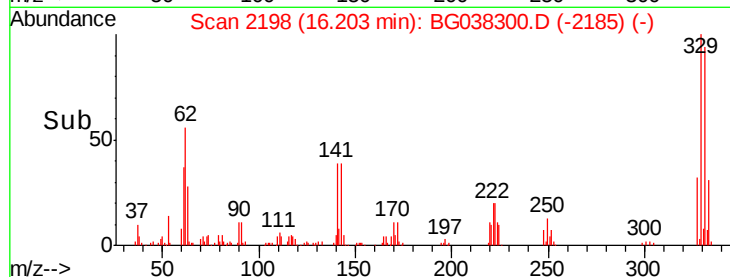
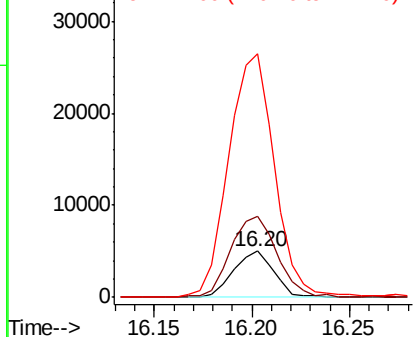


Abundance

Ion 248.00 (247.70 to 248.70): E

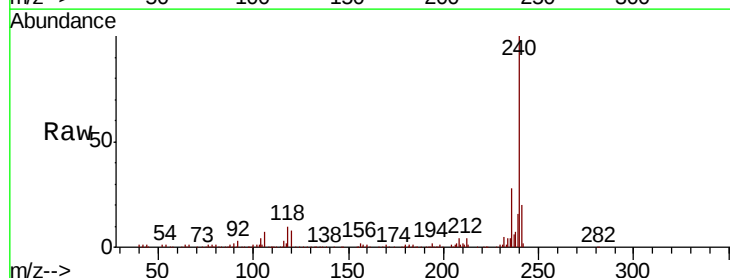
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG038300.D
 Acq: 1 Dec 2018 23:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	8.1	12.1
236	28.0	21.4	32.0

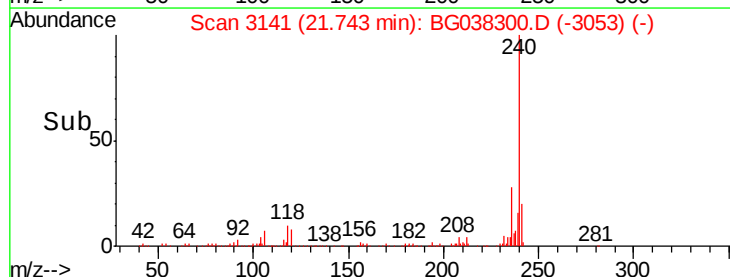
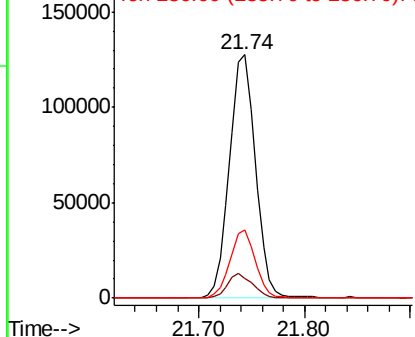


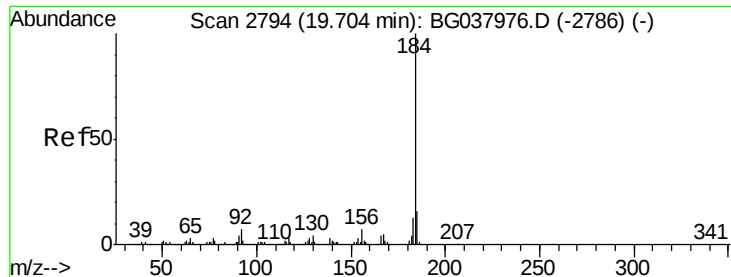
Abundance

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





#77

Benzidine

Concen: 2.215 ng

RT: 20.06 min Scan# 2855

Delta R.T. 0.36 min

Lab File: BG038300.D

Acq: 1 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-U-S

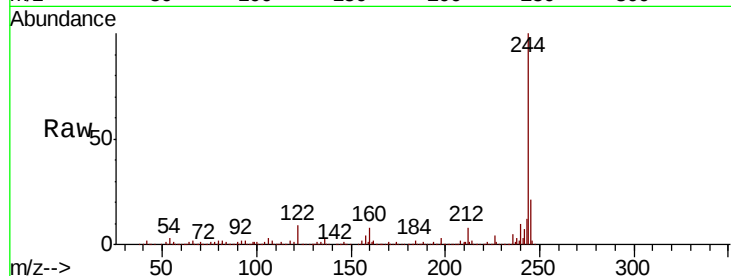
Tot Ion:184 Resp: 16947

Ion Ratio Lower Upper

184 100

185 17.1 12.6 18.8

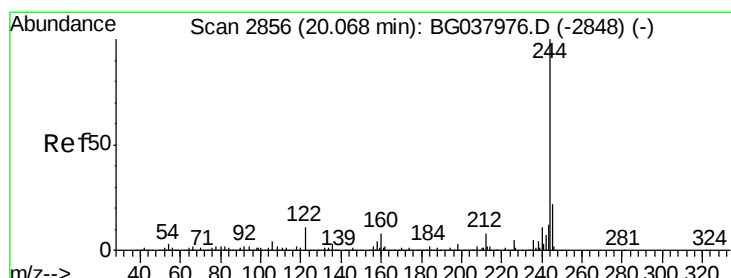
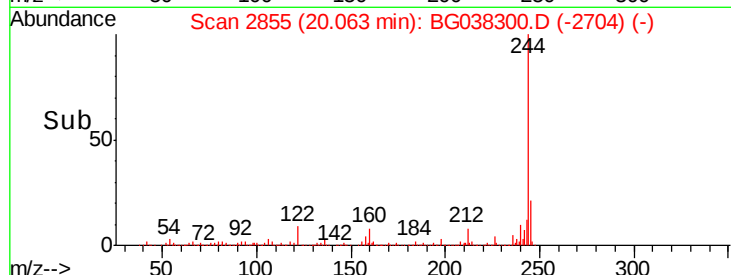
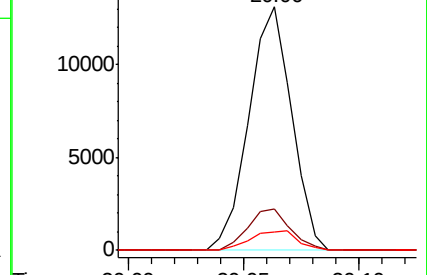
183 7.3 10.2 15.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 100.454 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038300.D

Acq: 1 Dec 2018 23:25

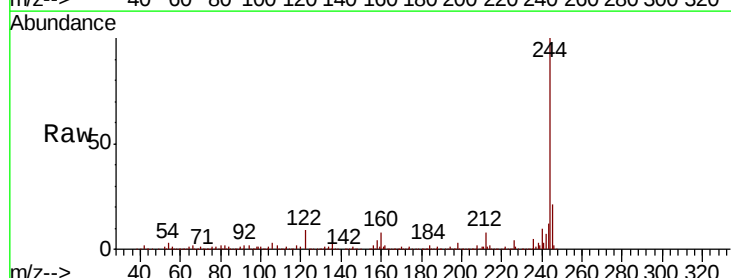
Tgt Ion:244 Resp: 931004

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

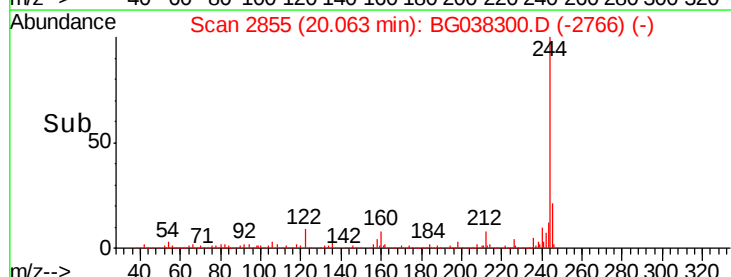
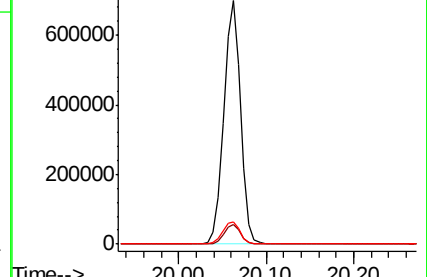
122 9.1 9.0 13.4

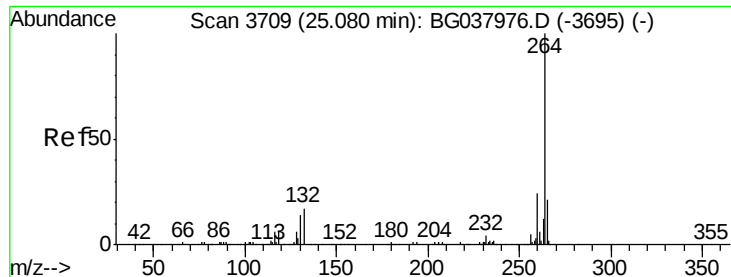


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3704
Delta R.T. -0.03 min
Lab File: BG038300.D
Acq: 1 Dec 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	22.1	17.9	26.9

