

Data File : BG038815.D
Acq On : 22 Dec 2018 13:17
Operator : JU/SJ
Sample : J6191-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-B

Quant Time: Dec 24 03:55:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

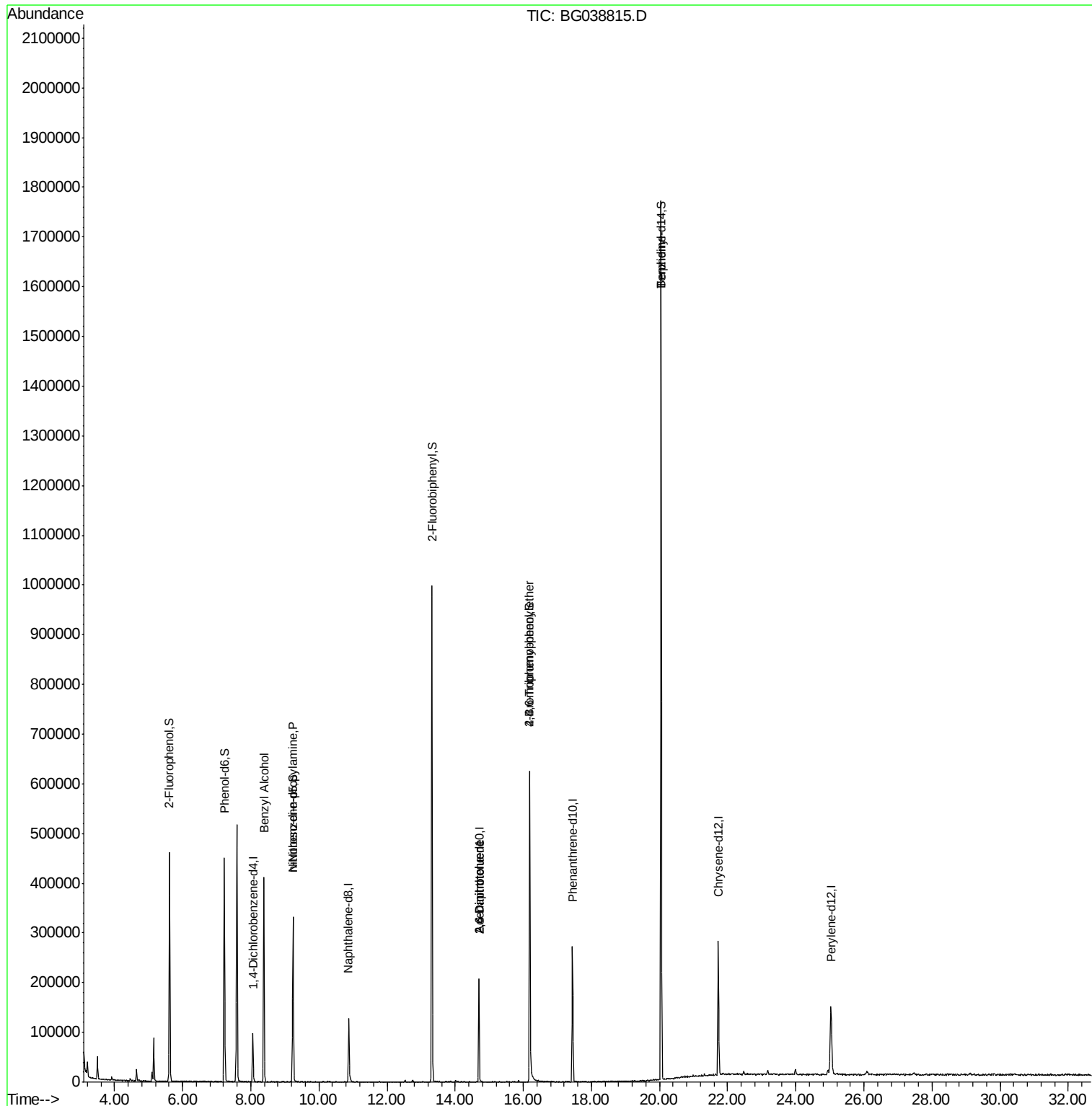
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	28043	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	118132	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	78278	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	182654	20.00	ng	0.00
76) Chrysene-d12	21.72	240	180203	20.00	ng	0.00
87) Perylene-d12	25.03	264	187700	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	200083	126.55	ng	0.01
7) Phenol-d6	7.22	99	255420	117.68	ng	0.01
23) Nitrobenzene-d5	9.24	82	199604	86.32	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	154832	143.52	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	549199	96.25	ng	0.00
79) Terphenyl-d14	20.05	244	900181	108.72	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	3523	2.079	ng	# 50
19) n-Nitroso-di-n-propylamine	9.24	70	27629	18.124	ng	# 64
51) 2,6-Dinitrotoluene	14.70	165	10640	7.345	ng	# 21
57) 2,4-Dinitrotoluene	14.70	165	10640	5.215	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	9941	4.456	ng	# 1
77) Benzidine	20.05	184	14256	2.675	ng	# 89

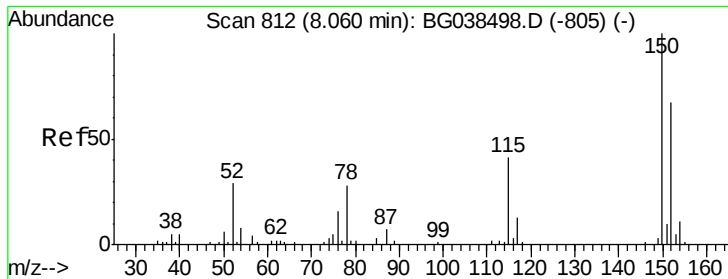
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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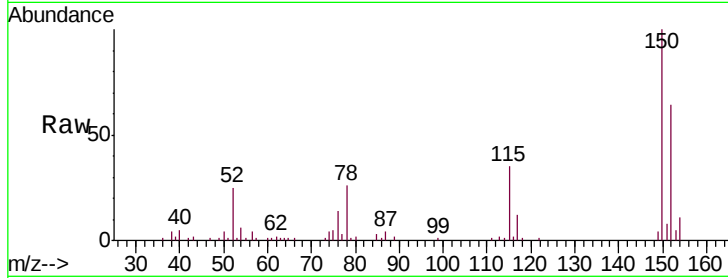


#1

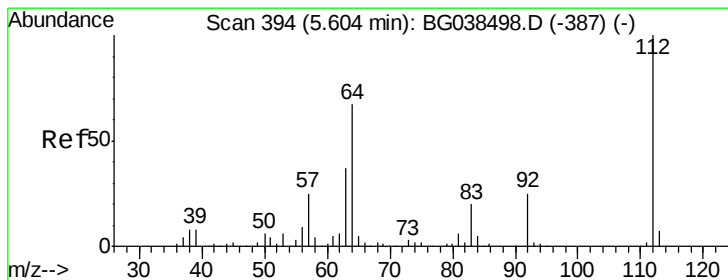
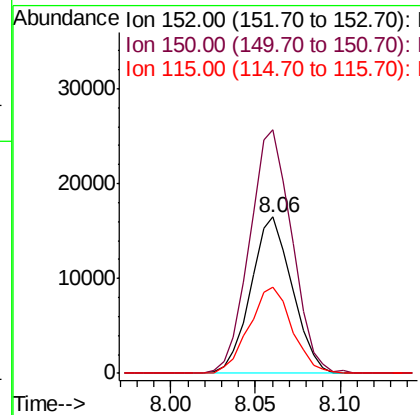
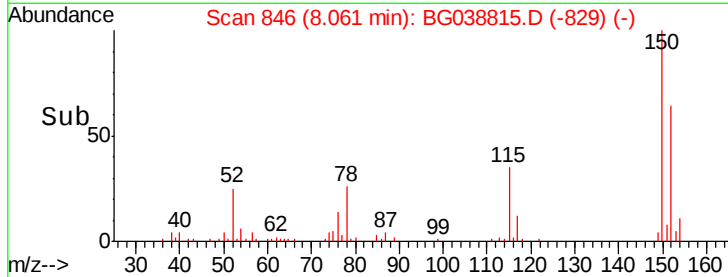
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-B

Tgt Ion:152 Resp: 28043
Ion Ratio Lower Upper
152 100
150 155.8 119.5 179.3
115 54.8 49.6 74.4



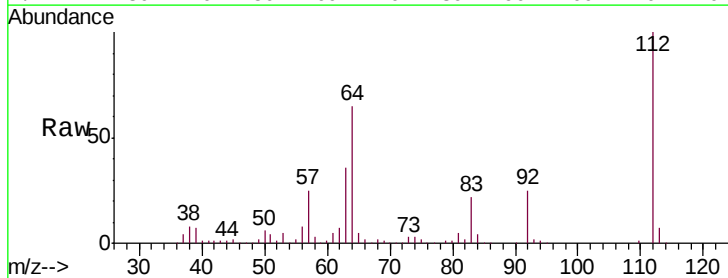
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



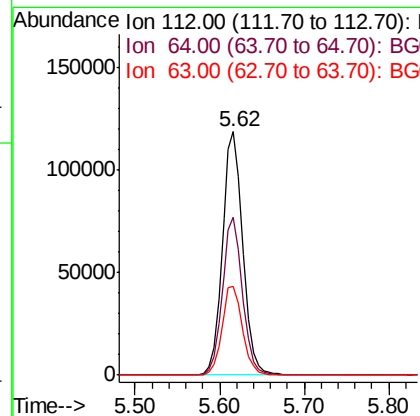
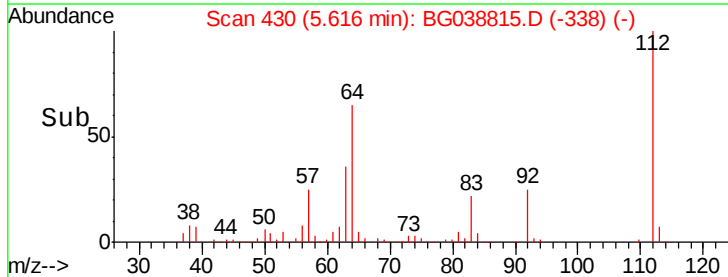
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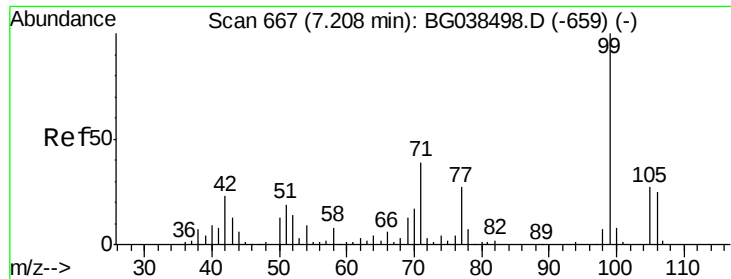
2-Fluorophenol
Concen: 126.548 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Tgt Ion:112 Resp: 200083
Ion Ratio Lower Upper
112 100
64 64.9 53.4 80.2
63 36.2 29.3 43.9



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: 117.676 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038815.D

Acq: 22 Dec 2018 13:17

Instrument :

BNA_G

ClientSampleId :

NB-07-122018-B

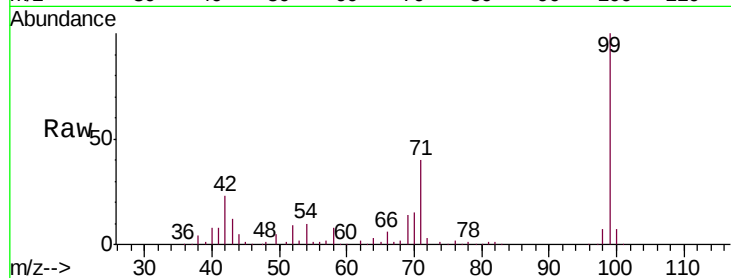
Tgt Ion: 99 Resp: 255420

Ion Ratio Lower Upper

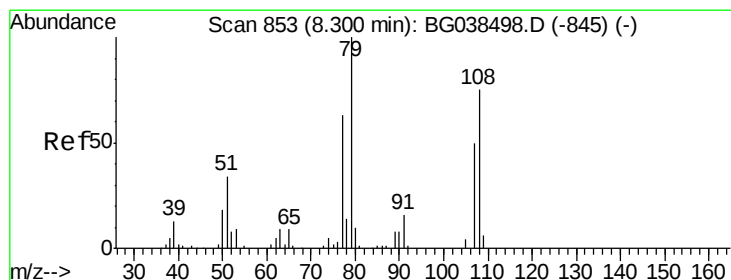
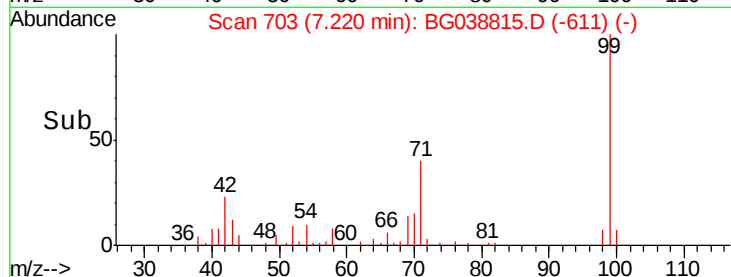
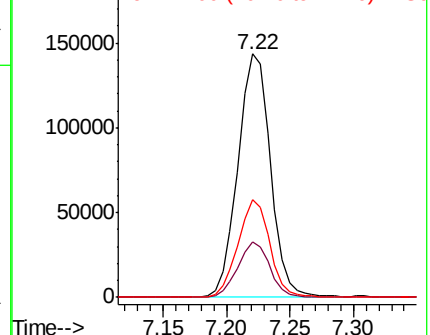
99 100

42 23.0 18.5 27.7

71 40.2 31.1 46.7



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



#15

Benzyl Alcohol

Concen: 2.079 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.08 min

Lab File: BG038815.D

Acq: 22 Dec 2018 13:17

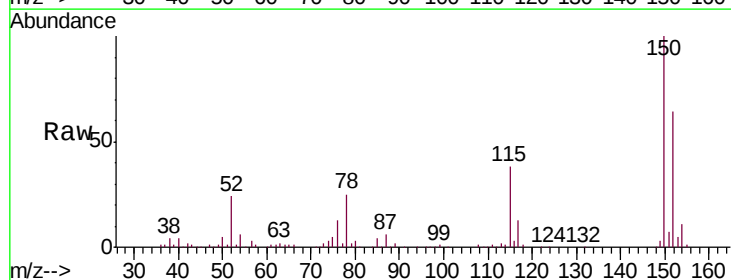
Tgt Ion: 79 Resp: 3523

Ion Ratio Lower Upper

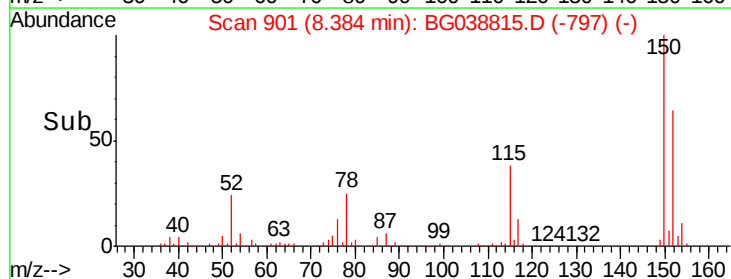
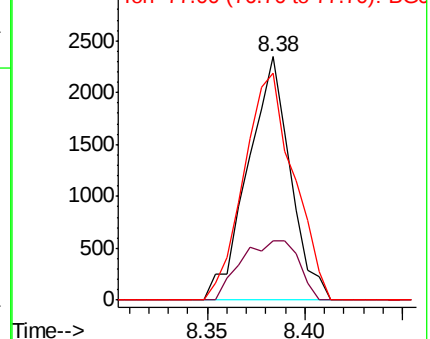
79 100

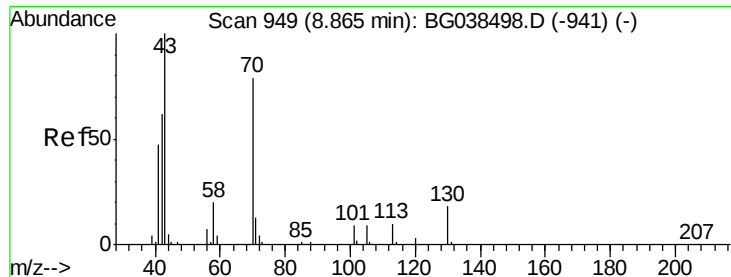
108 24.3 60.2 90.4#

77 93.3 50.7 76.1#



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

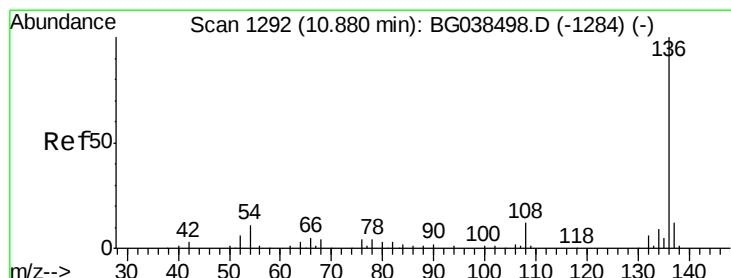
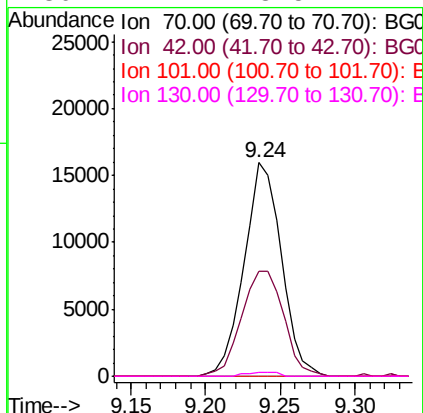
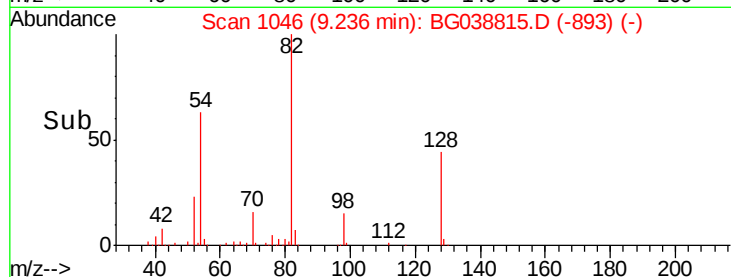
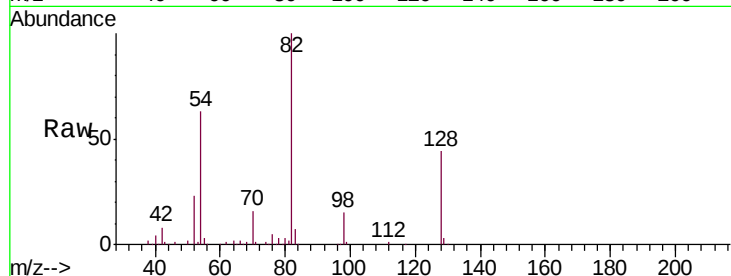




#19
n-Nitroso-di-n-propylamine
Concen: 18.124 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

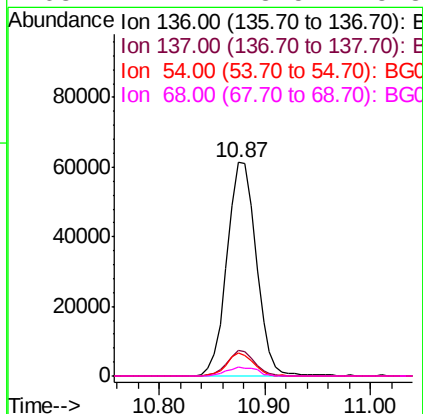
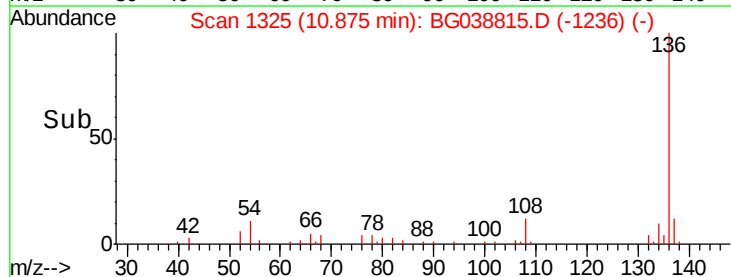
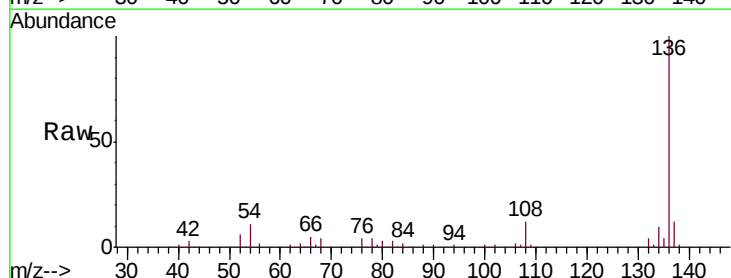
Instrument :
BNA_G
ClientSampleId :
NB-07-122018-B

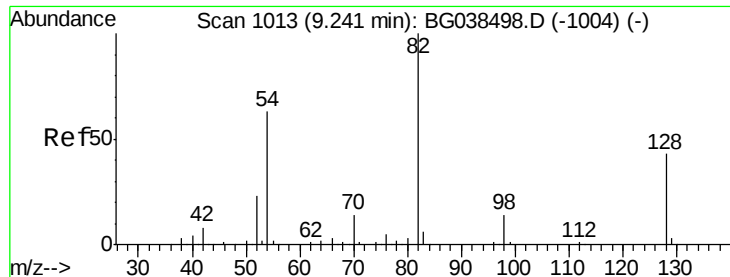
Tgt Ion: 70 Resp: 27629
Ion Ratio Lower Upper
70 100
42 49.4 63.6 95.4#
101 0.0 9.2 13.8#
130 2.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Tgt Ion:136 Resp: 118132
Ion Ratio Lower Upper
136 100
137 12.2 9.3 13.9
54 10.9 8.5 12.7
68 4.2 3.5 5.3

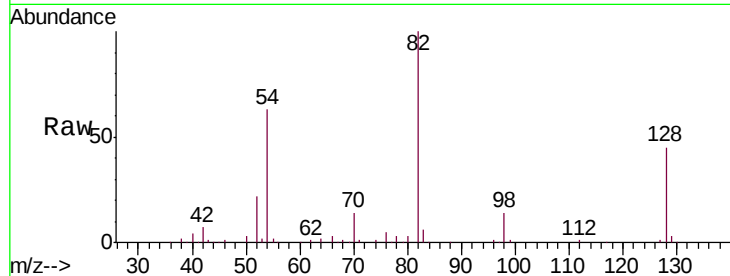




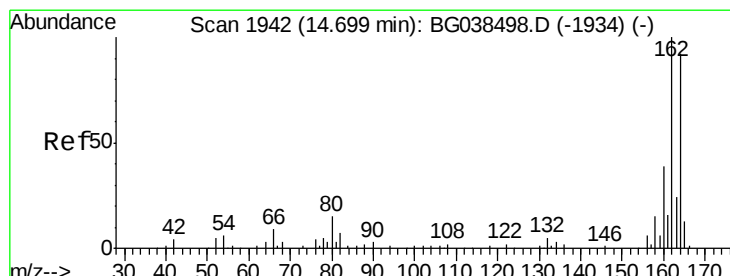
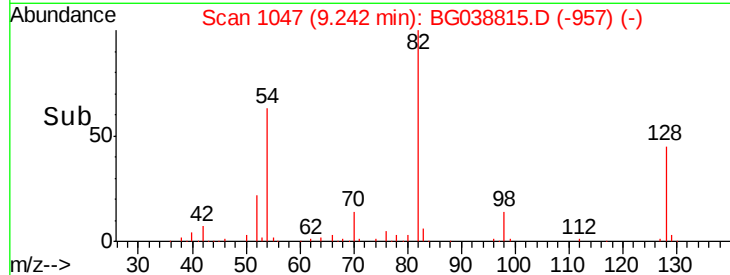
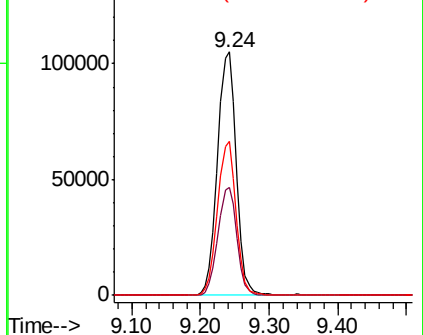
#23
 Nitrobenzene-d5
 Concen: 86.320 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BG038815.D
 Acq: 22 Dec 2018 13:17

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-122018-B

Tgt Ion: 82 Resp: 199604
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.6 52.0
 54 63.2 50.6 76.0

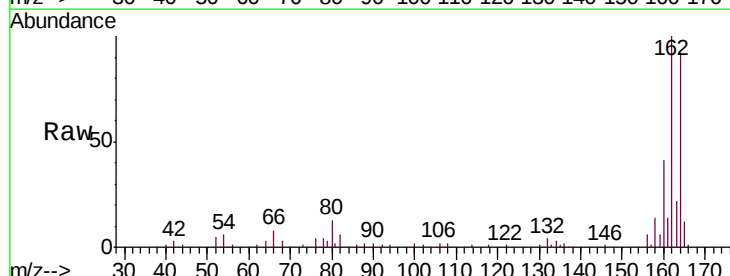


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

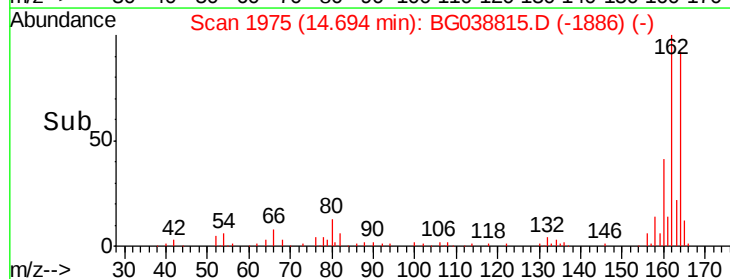
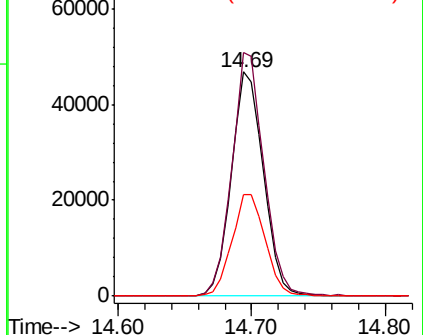


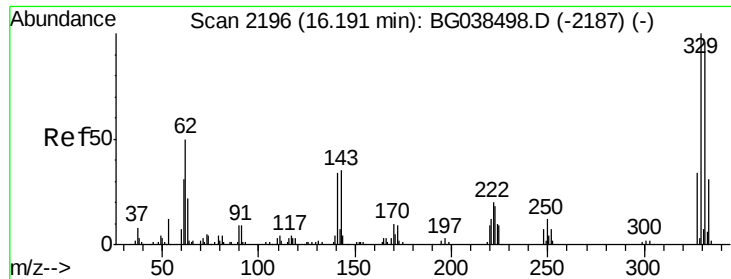
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038815.D
 Acq: 22 Dec 2018 13:17

Tgt Ion: 164 Resp: 78278
 Ion Ratio Lower Upper
 164 100
 162 108.7 86.6 130.0
 160 45.1 34.2 51.2



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

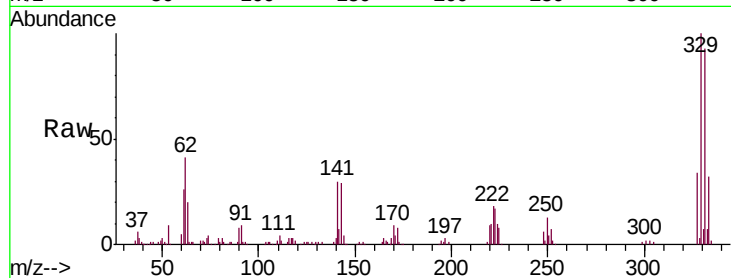




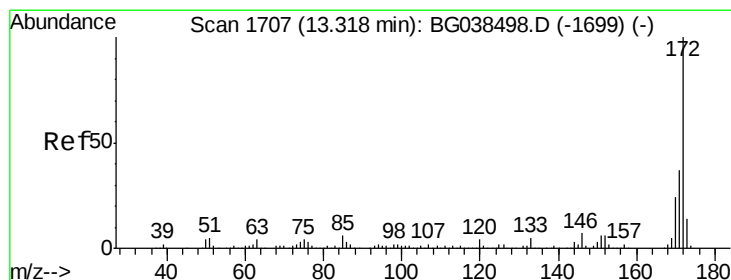
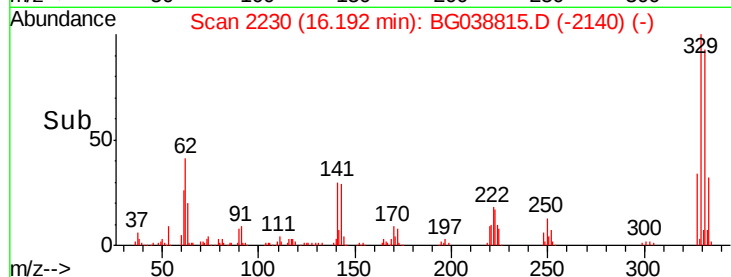
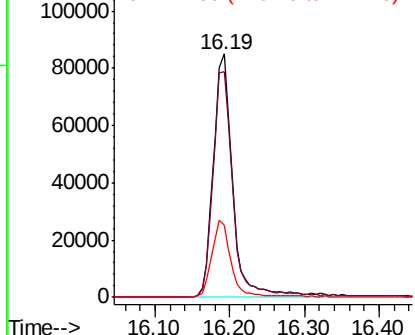
#42
 2,4,6-Tribromophenol
 Concen: 143.521 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG038815.D
 Acq: 22 Dec 2018 13:17

Instrument :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.9	115.3
141	30.8	28.8	43.2

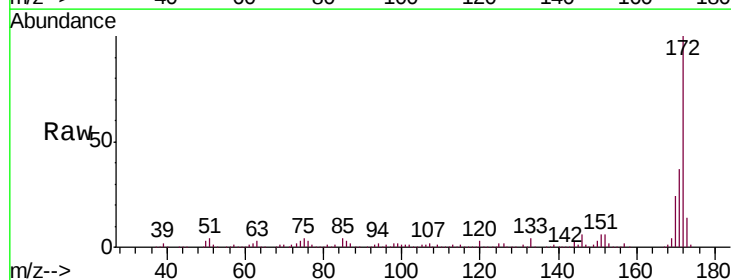


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

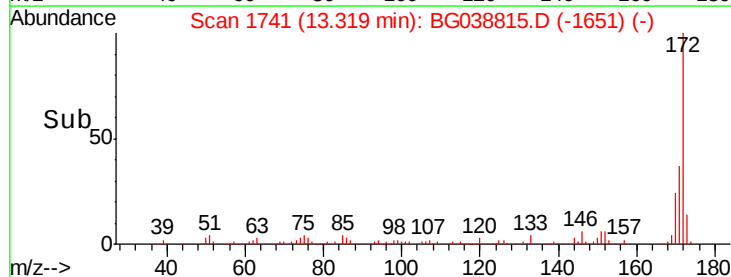
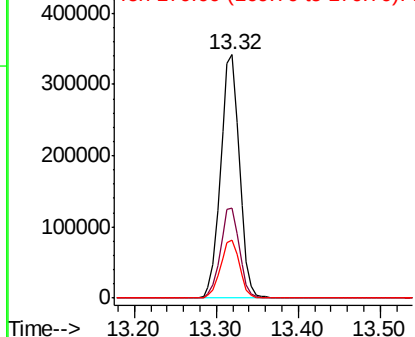


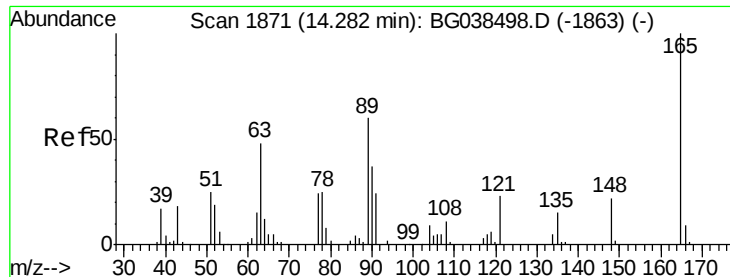
#45
 2-Fluorobiphenyl
 Concen: 96.249 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG038815.D
 Acq: 22 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	23.7	19.5	29.3



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

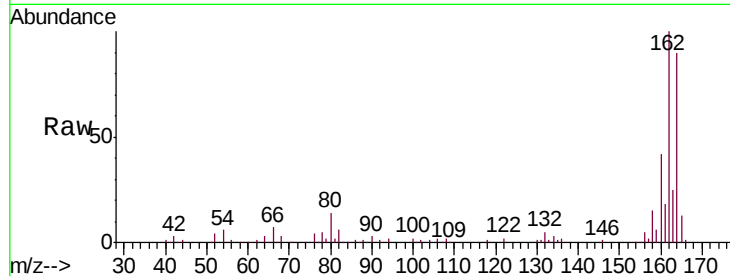




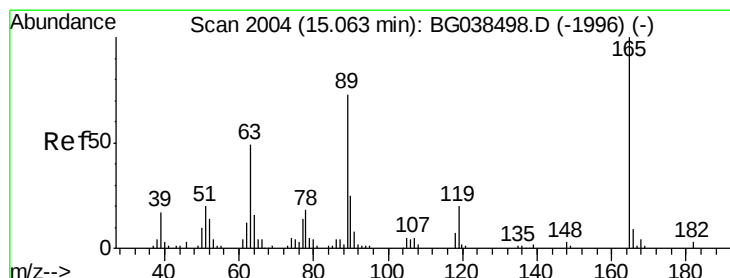
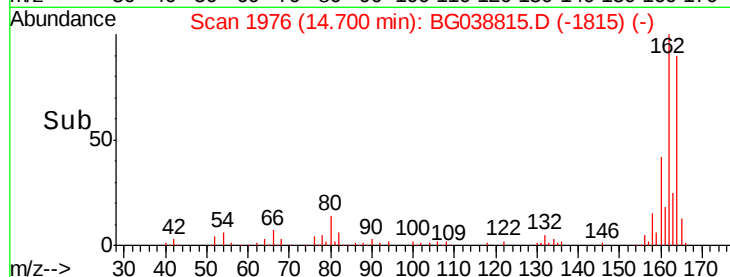
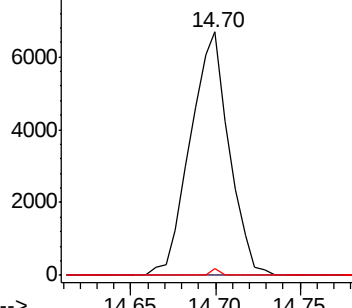
#51
 2,6-Dinitrotoluene
 Concen: 7.345 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.42 min
 Lab File: BG038815.D
 Acq: 22 Dec 2018 13:17

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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	2.6	47.9	71.9#



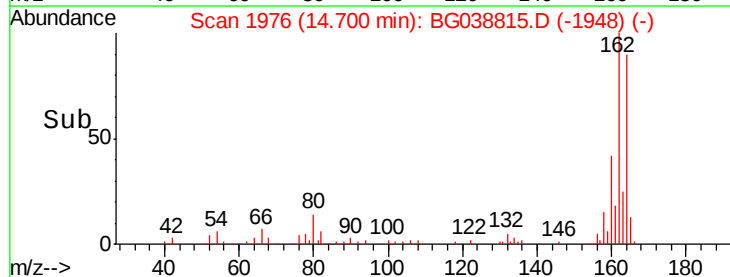
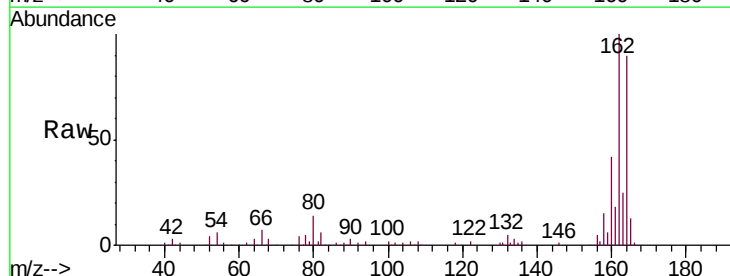
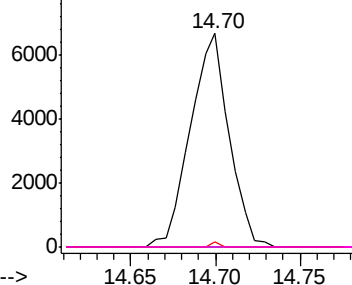
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

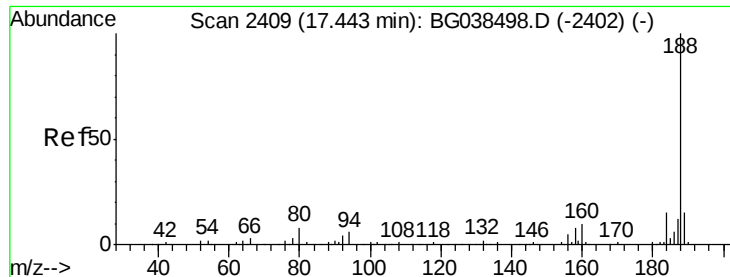


#57
 2,4-Dinitrotoluene
 Concen: 5.215 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.36 min
 Lab File: BG038815.D
 Acq: 22 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	2.6	58.0	87.0#
182	0.0	2.3	3.5#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

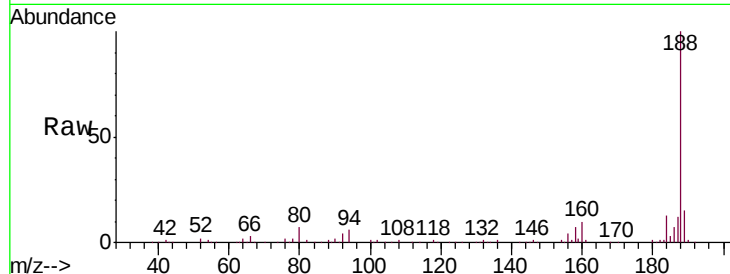




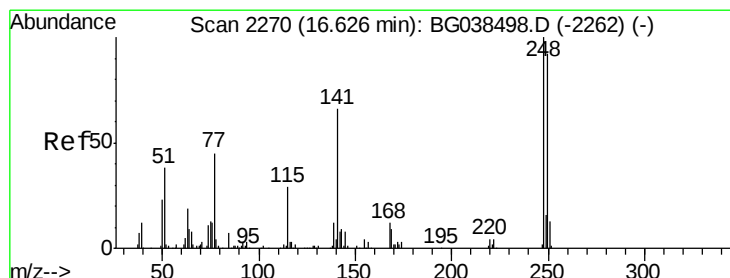
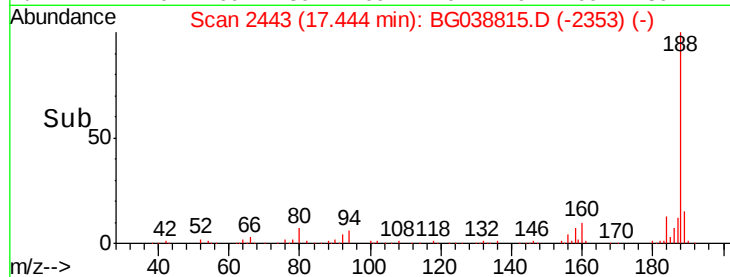
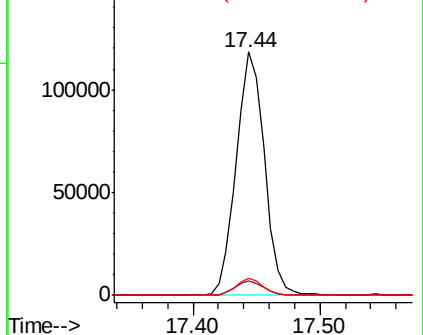
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038815.D
 Acq: 22 Dec 2018 13:17

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-122018-B

Tgt Ion:188 Resp: 182654
 Ion Ratio Lower Upper
 188 100
 94 5.7 5.1 7.7
 80 6.8 6.1 9.1

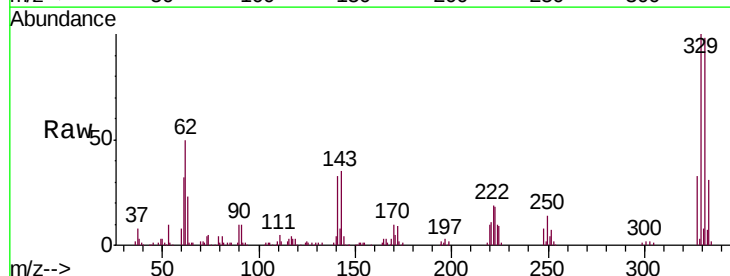


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

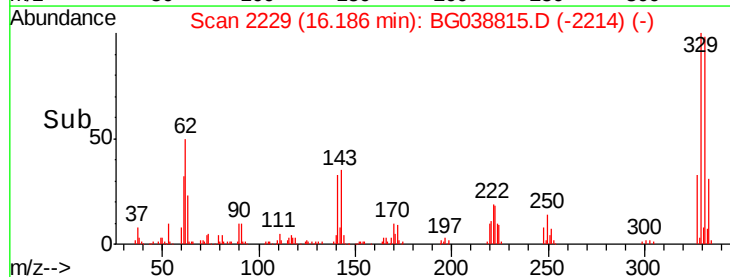
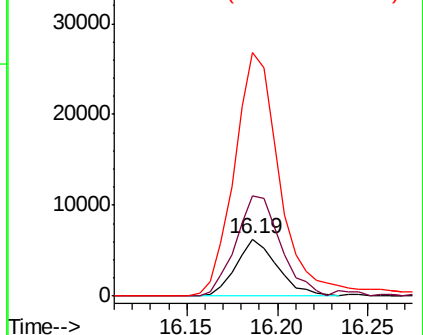


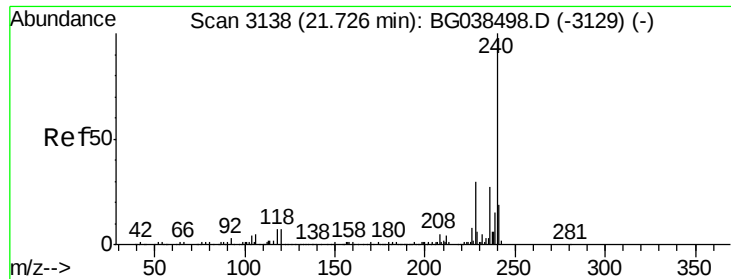
#67
 4-Bromophenyl-phenylether
 Concen: 4.456 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038815.D
 Acq: 22 Dec 2018 13:17

Tgt Ion:248 Resp: 9941
 Ion Ratio Lower Upper
 248 100
 250 178.2 73.4 110.2#
 141 331.2 52.9 79.3#



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

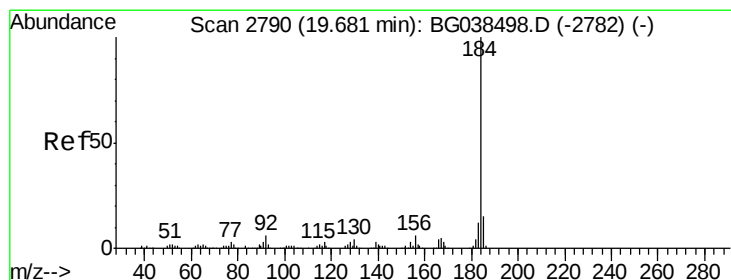
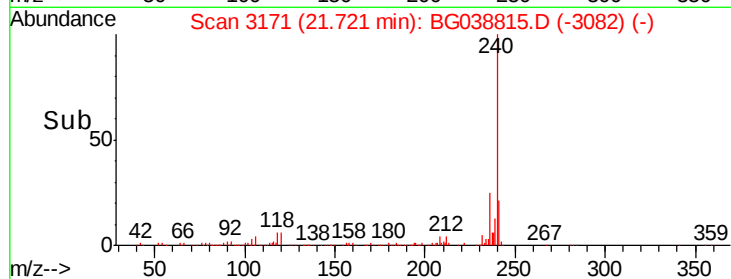
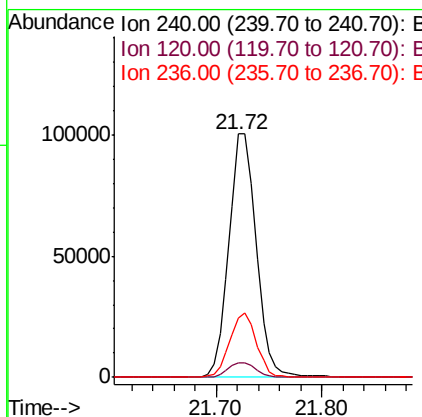
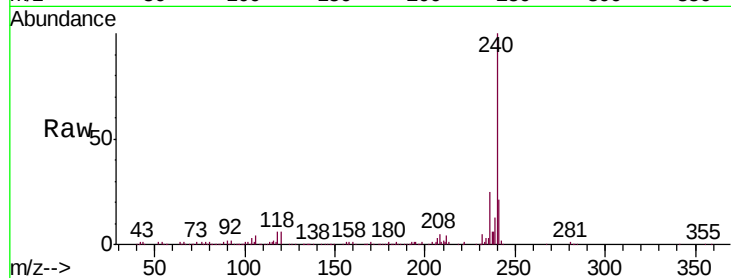




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

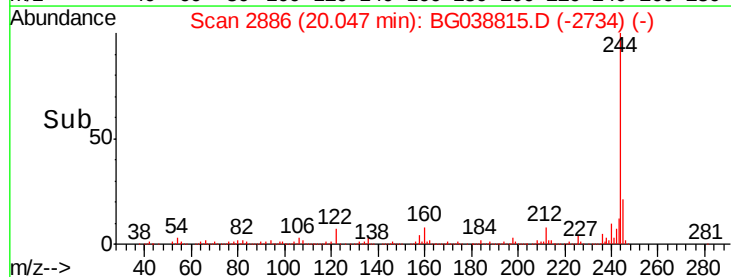
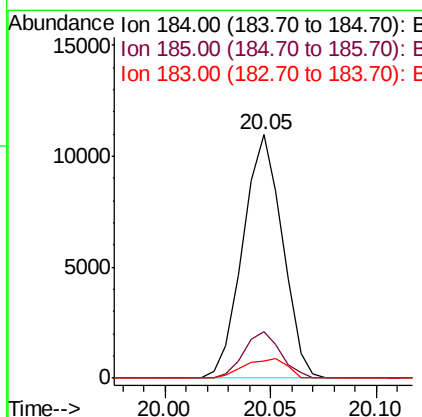
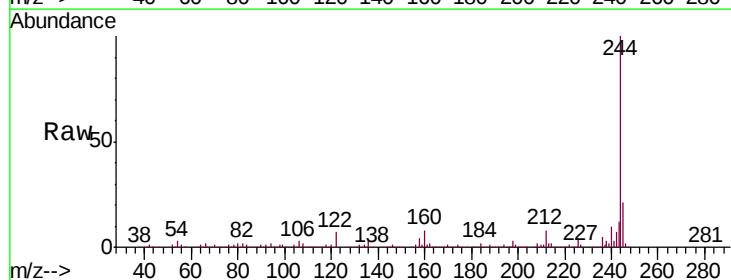
Instrument :
BNA_G
ClientSampleId :
NB-07-122018-B

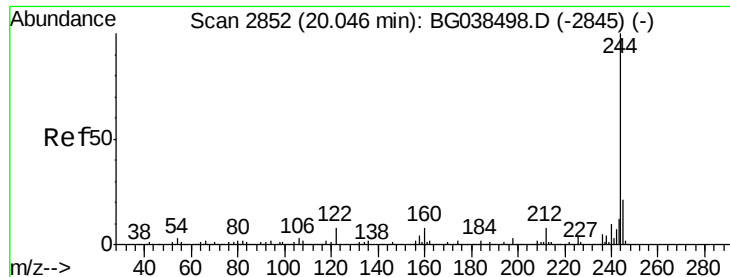
Tgt Ion:240 Resp: 180203
Ion Ratio Lower Upper
240 100
120 6.1 5.3 7.9
236 24.6 21.4 32.2



#77
Benzidine
Concen: 2.675 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.37 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Tgt Ion:184 Resp: 14256
Ion Ratio Lower Upper
184 100
185 19.3 12.2 18.2#
183 7.3 9.6 14.4#





#79

Terphenyl-d14

Concen: 108.716 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038815.D

Acq: 22 Dec 2018 13:17

Instrument :

BNA_G

ClientSampleId :

NB-07-122018-B

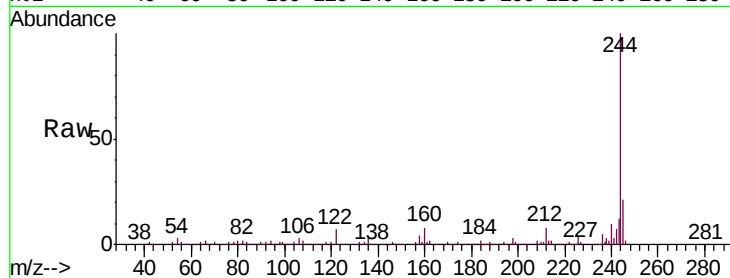
Tgt Ion:244 Resp: 900181

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 7.1 6.3 9.5

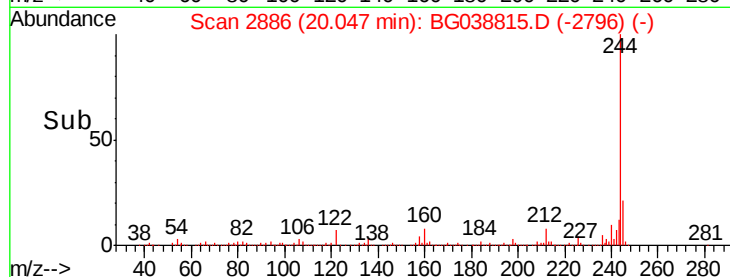


Abundance Ion 244.00 (243.70 to 244.70): E

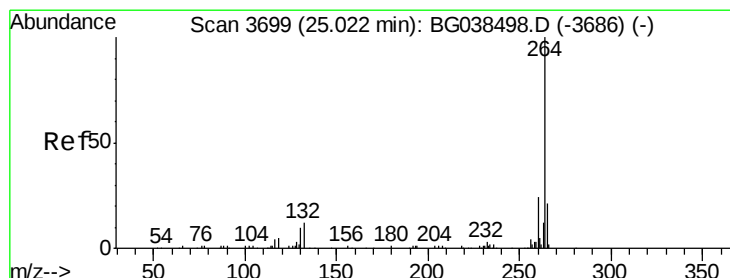
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.05



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3735

Delta R.T. 0.01 min

Lab File: BG038815.D

Acq: 22 Dec 2018 13:17

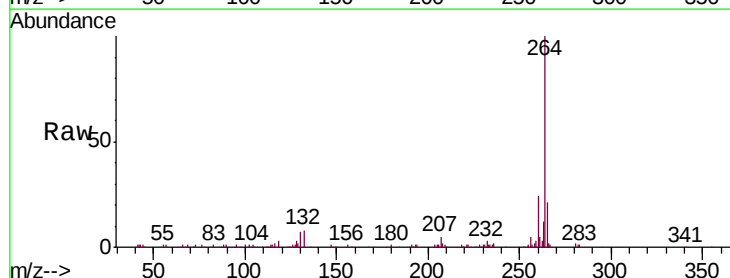
Tgt Ion:264 Resp: 187700

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 20.8 17.0 25.4

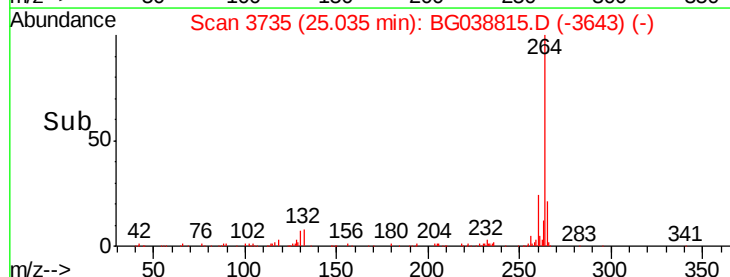


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

25.03



Time-->