

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121818\
 Data File : BG038711.D
 Acq On : 19 Dec 2018 3:15
 Operator : JU/SJ
 Sample : J6403-52RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-A

Quant Time: Dec 19 07:02:27 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

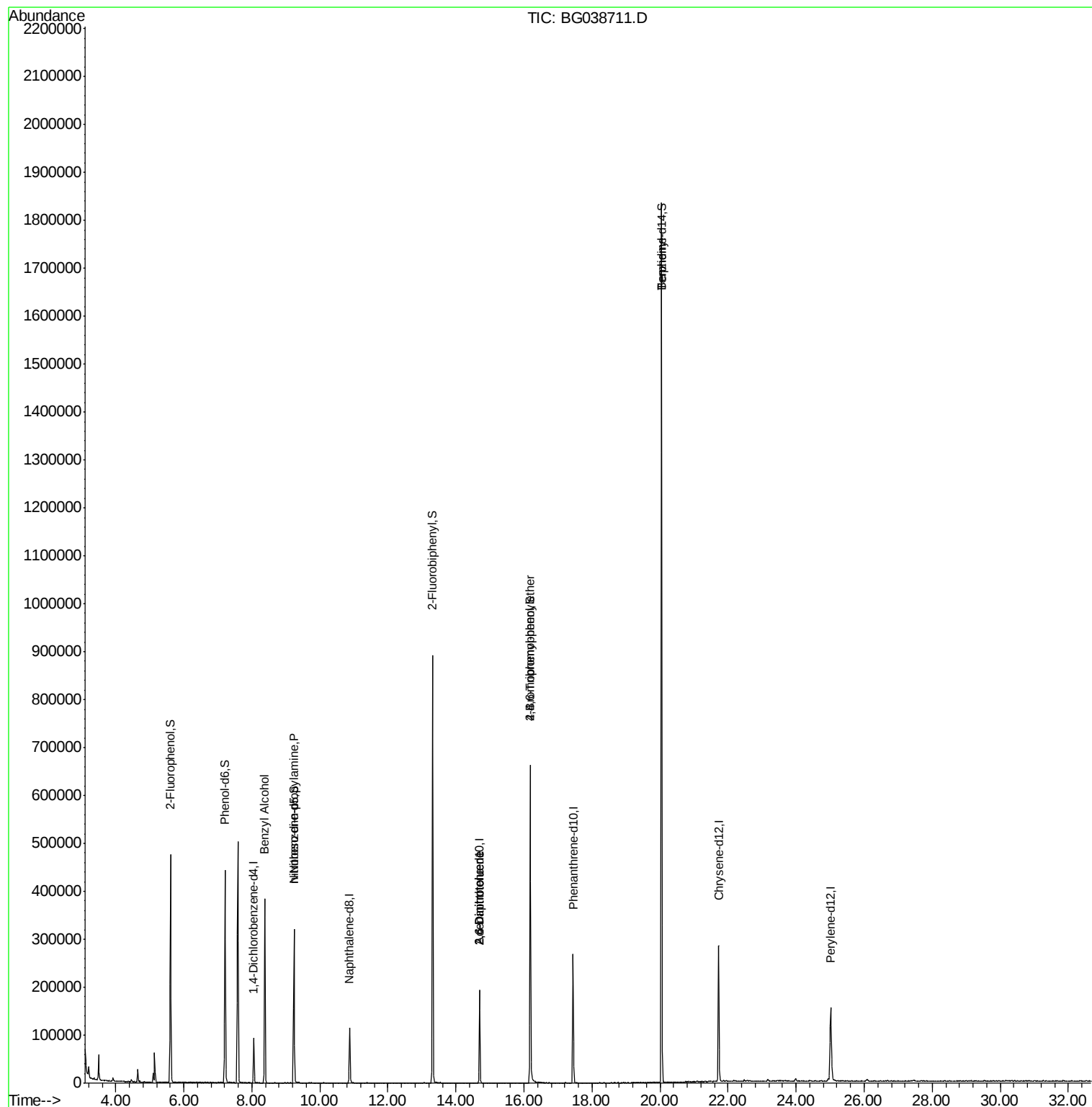
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27399	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	106221	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	69374	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	181041	20.00	ng	0.00
76) Chrysene-d12	21.72	240	195494	20.00	ng	-0.01
87) Perylene-d12	25.01	264	200473	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	203496	131.73	ng	0.00
7) Phenol-d6	7.21	99	251991	118.83	ng	0.00
23) Nitrobenzene-d5	9.24	82	192004	92.34	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	145009	151.67	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	482832	95.48	ng	0.00
79) Terphenyl-d14	20.04	244	944900	105.19	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	3445	2.081	ng	# 57
19) n-Nitroso-di-n-propylamine	9.23	70	26147	17.555	ng	# 69
51) 2,6-Dinitrotoluene	14.69	165	9183	7.153	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	9183	5.078	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	9621	4.351	ng	# 1
77) Benzidine	20.04	184	16067	2.779	ng	# 94

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

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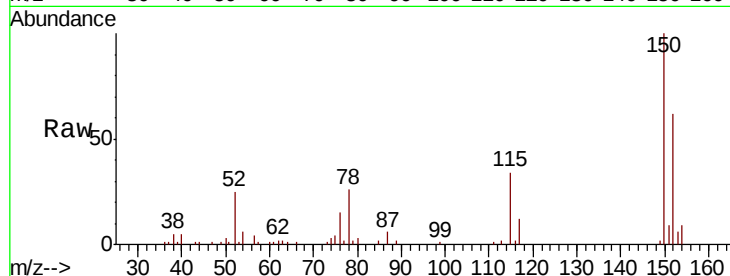


#1

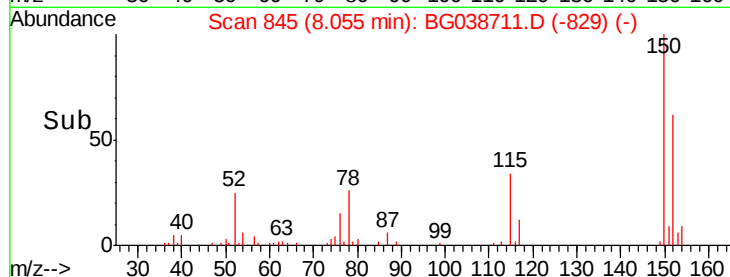
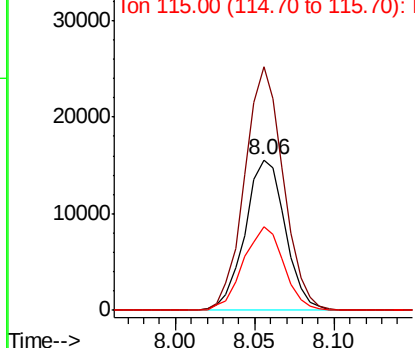
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038711.D
Acq: 19 Dec 2018 3:15

Instrument :
BNA_G
ClientSampleId :
TP-7-A

Tgt Ion:152 Resp: 27399
Ion Ratio Lower Upper
152 100
150 161.9 119.5 179.3
115 55.3 49.6 74.4



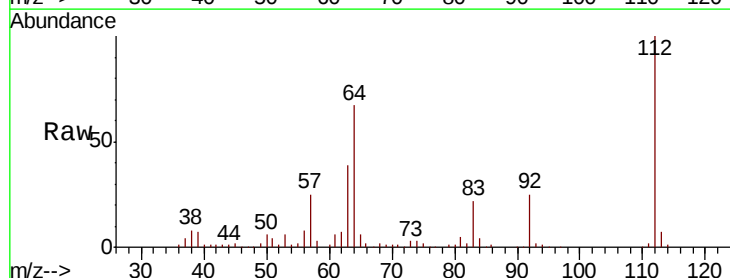
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



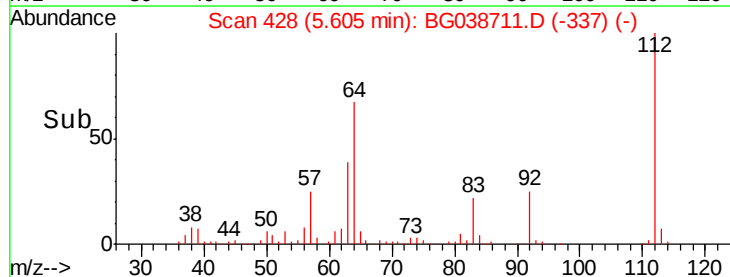
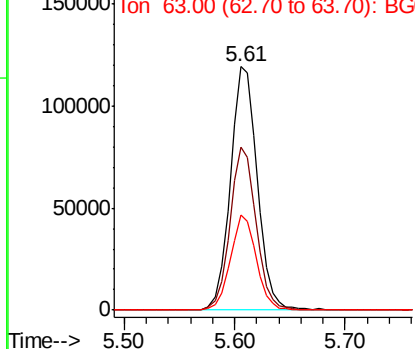
#5

2-Fluorophenol
Concen: 131.731 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038711.D
Acq: 19 Dec 2018 3:15

Tgt Ion:112 Resp: 203496
Ion Ratio Lower Upper
112 100
64 66.8 53.4 80.2
63 39.2 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: 118.825 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038711.D

Acq: 19 Dec 2018 3:15

Instrument :

BNA_G

ClientSampleId :

TP-7-A

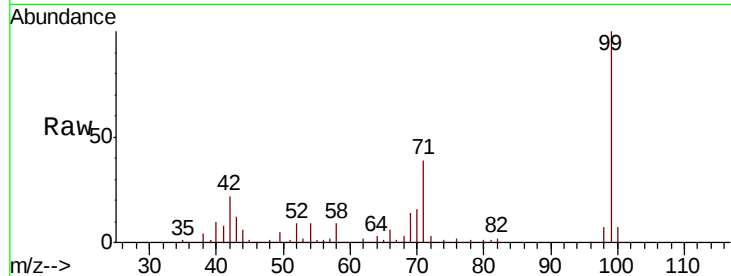
Tgt Ion: 99 Resp: 251991

Ion Ratio Lower Upper

99 100

42 22.4 18.5 27.7

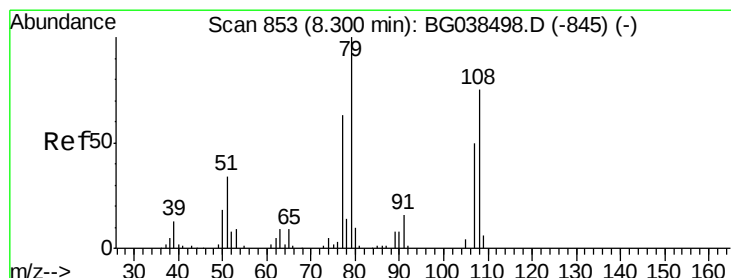
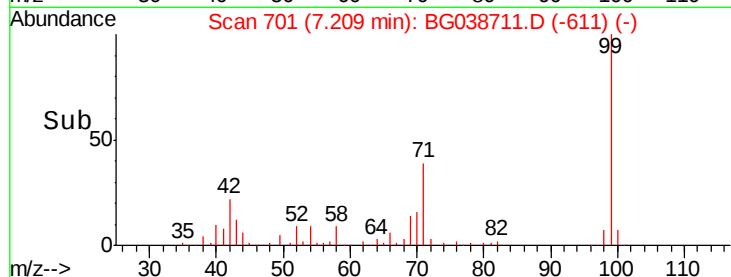
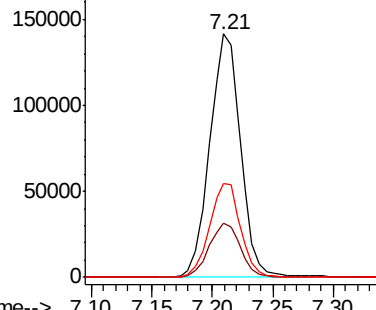
71 38.8 31.1 46.7



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: 2.081 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.07 min

Lab File: BG038711.D

Acq: 19 Dec 2018 3:15

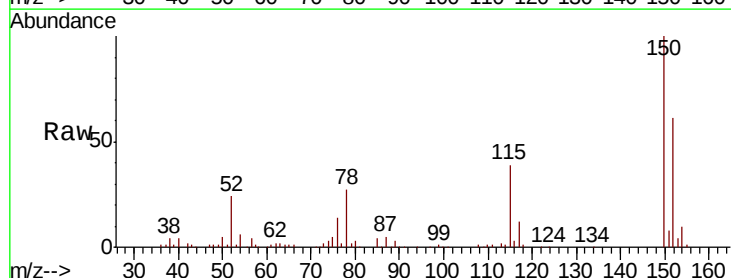
Tgt Ion: 79 Resp: 3445

Ion Ratio Lower Upper

79 100

108 41.7 60.2 90.4#

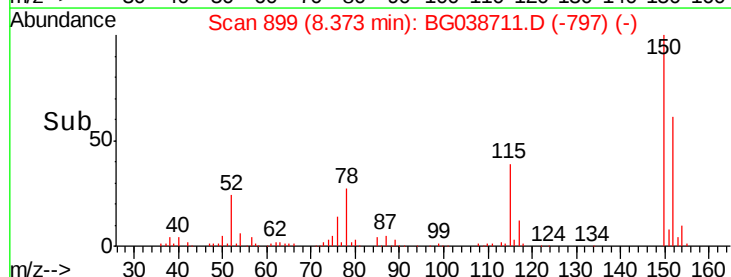
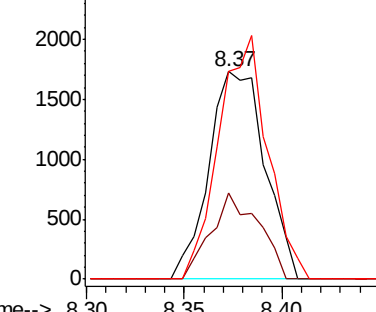
77 100.5 50.7 76.1#

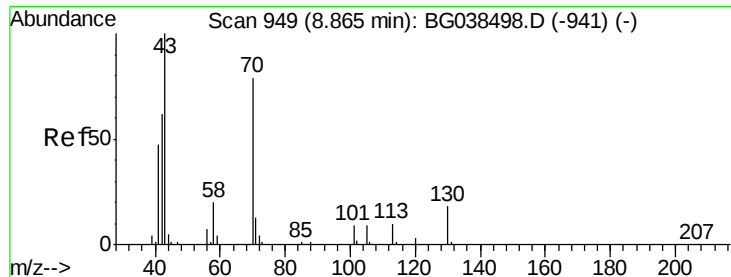


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

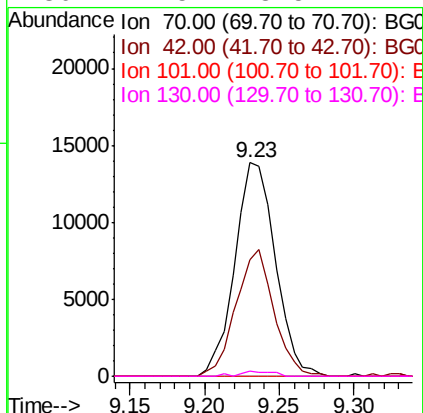
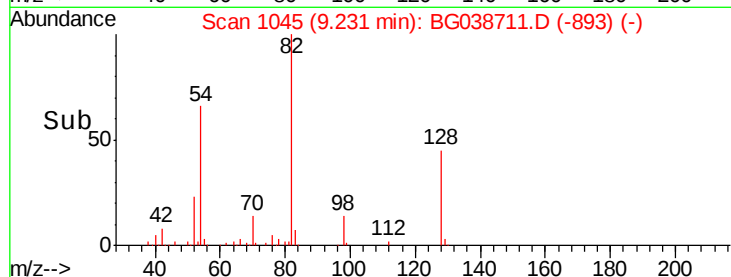
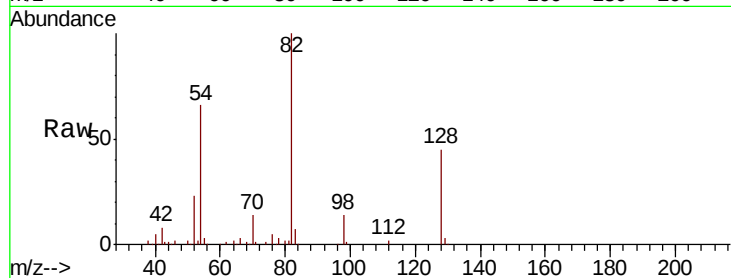




#19
n-Nitroso-di-n-propylamine
Concen: 17.555 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.37 min
Lab File: BG038711.D
Acq: 19 Dec 2018 3:15

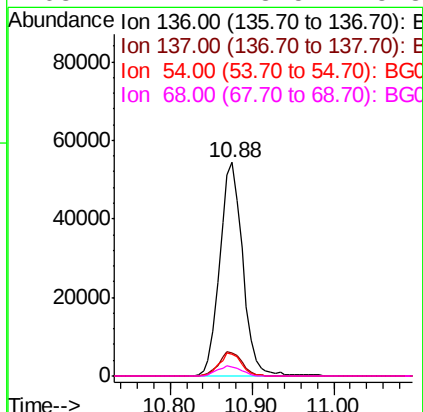
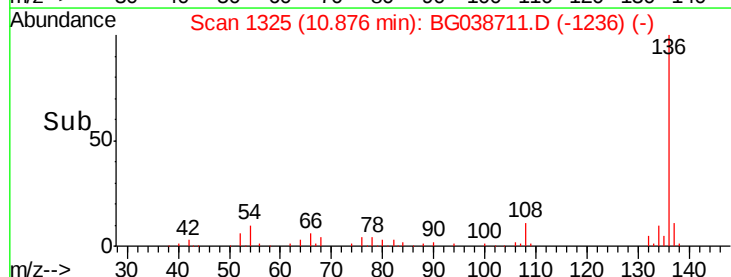
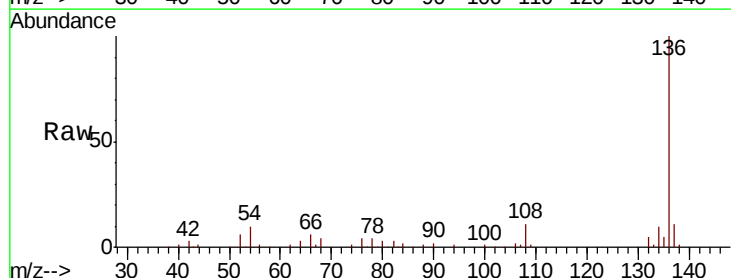
Instrument :
BNA_G
ClientSampleId :
TP-7-A

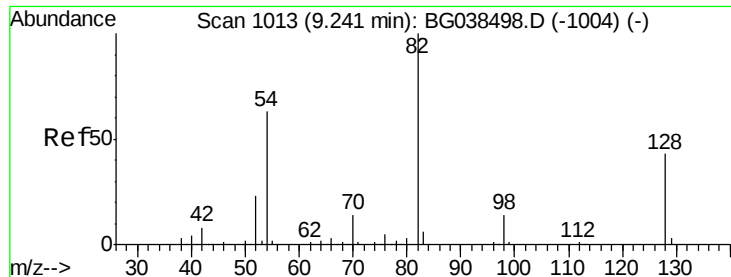
Tgt Ion: 70 Resp: 26147
Ion Ratio Lower Upper
70 100
42 54.4 63.6 95.4#
101 0.0 9.2 13.8#
130 2.5 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038711.D
Acq: 19 Dec 2018 3:15

Tgt Ion: 136 Resp: 106221
Ion Ratio Lower Upper
136 100
137 11.0 9.3 13.9
54 10.1 8.5 12.7
68 4.4 3.5 5.3

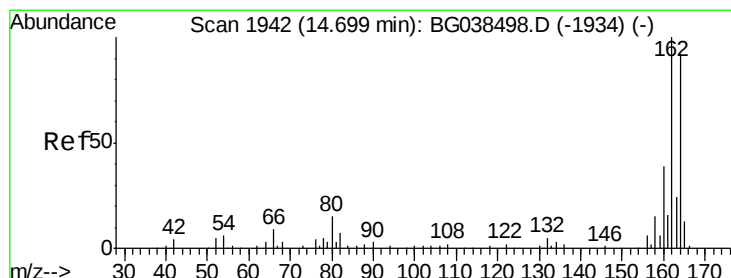
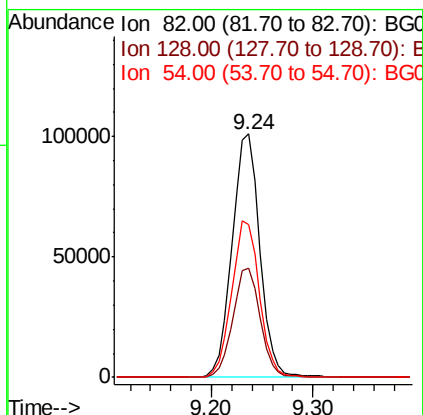
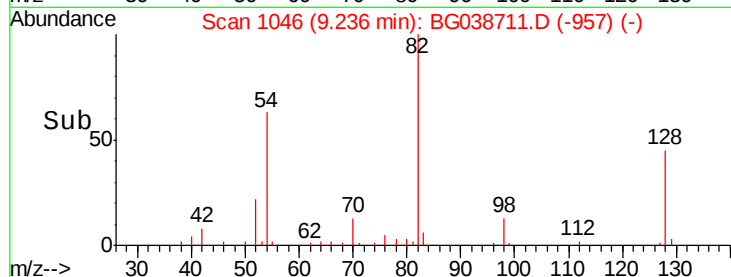
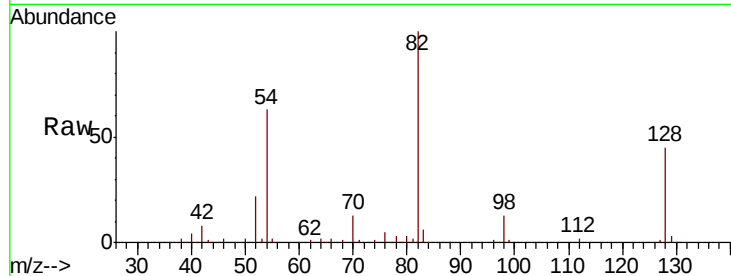




#23
 Nitrobenzene-d5
 Concen: 92.345 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038711.D
 Acq: 19 Dec 2018 3:15

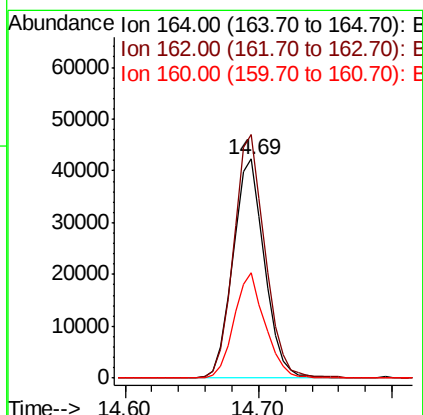
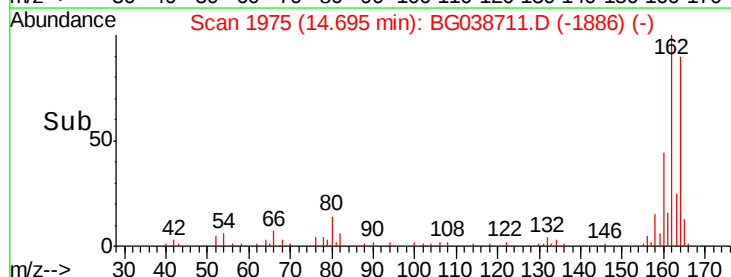
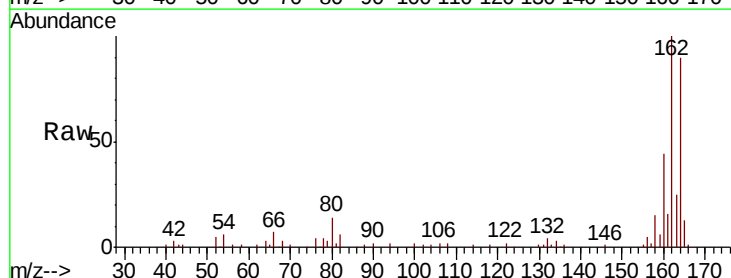
Instrument :
 BNA_G
 ClientSampleId :
 TP-7-A

Tgt Ion: 82 Resp: 192004
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.6 52.0
 54 63.0 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038711.D
 Acq: 19 Dec 2018 3:15

Tgt Ion: 164 Resp: 69374
 Ion Ratio Lower Upper
 164 100
 162 111.2 86.6 130.0
 160 48.4 34.2 51.2

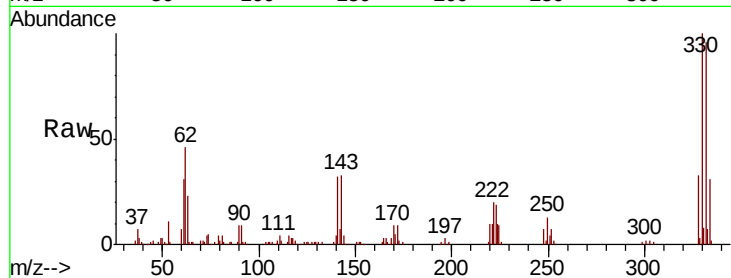




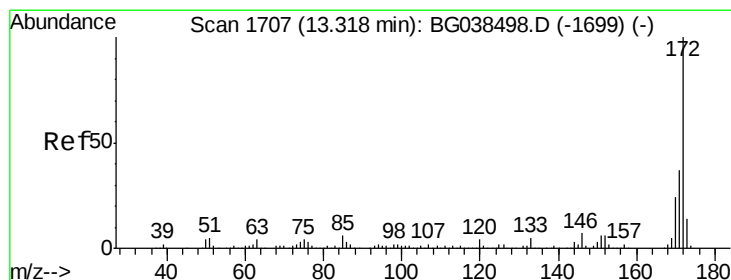
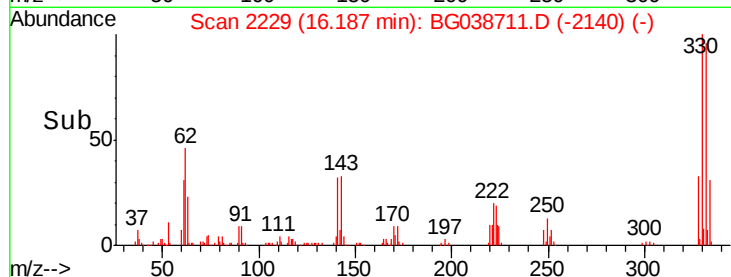
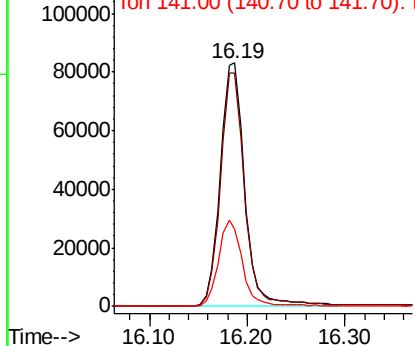
#42
 2,4,6-Tribromophenol
 Concen: 151.667 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038711.D
 Acq: 19 Dec 2018 3:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-A

Tgt Ion:330 Resp: 145009
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.9 115.3
 141 34.4 28.8 43.2

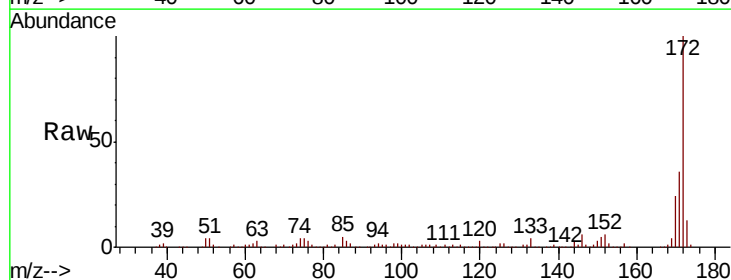


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

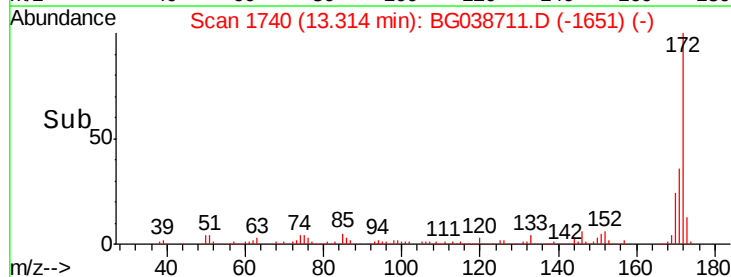
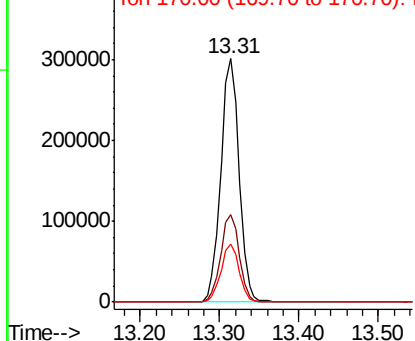


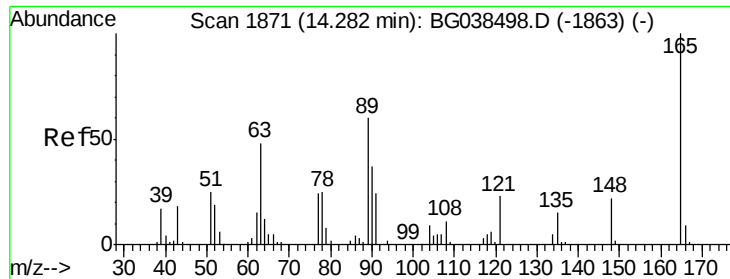
#45
 2-Fluorobiphenyl
 Concen: 95.478 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038711.D
 Acq: 19 Dec 2018 3:15

Tgt Ion:172 Resp: 482832
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.8 44.6
 170 24.0 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

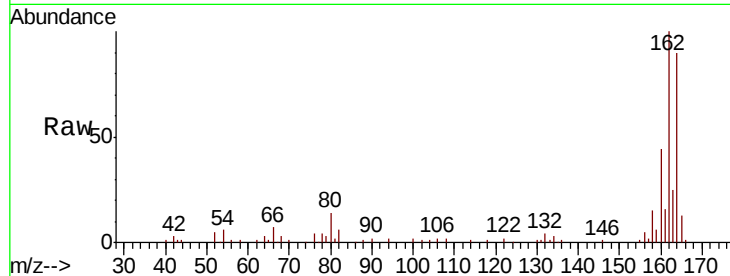




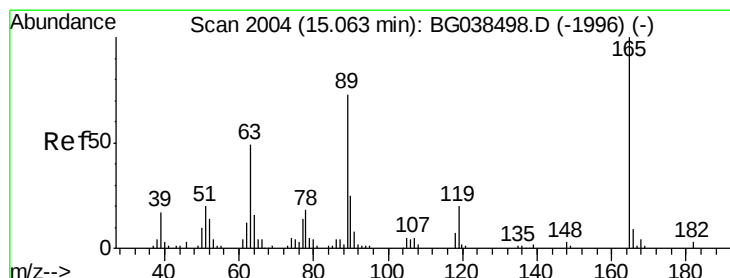
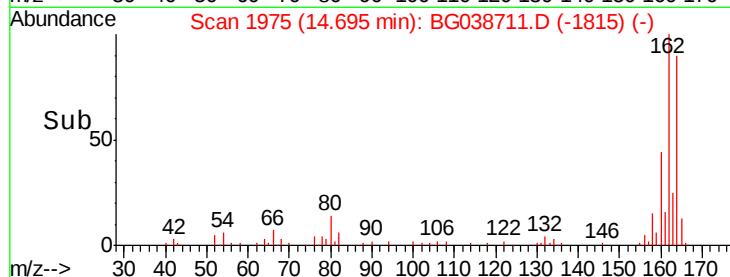
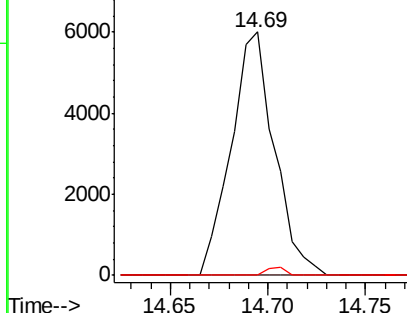
#51
 2,6-Dinitrotoluene
 Concen: 7.153 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038711.D
 Acq: 19 Dec 2018 3:15

Instrument :
 BNA_G
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 TP-7-A

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

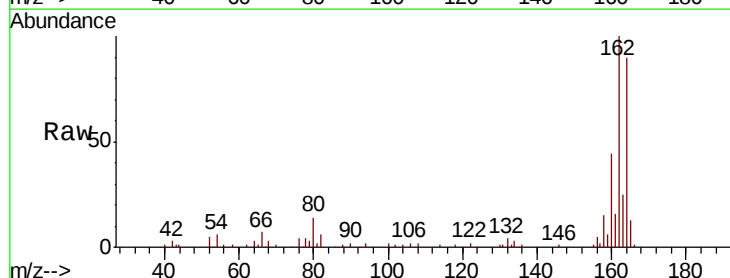


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

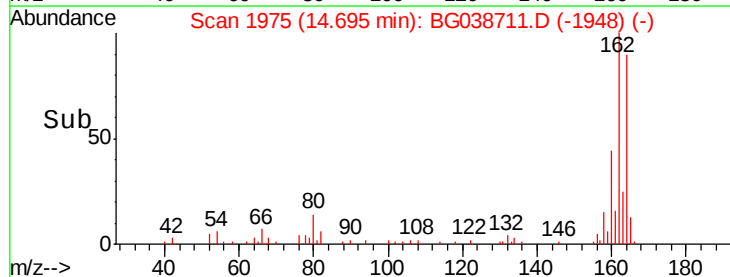
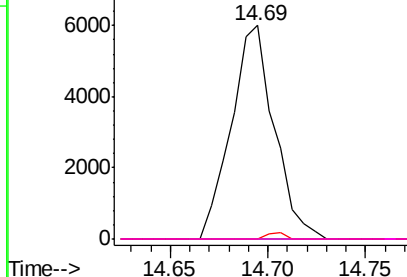


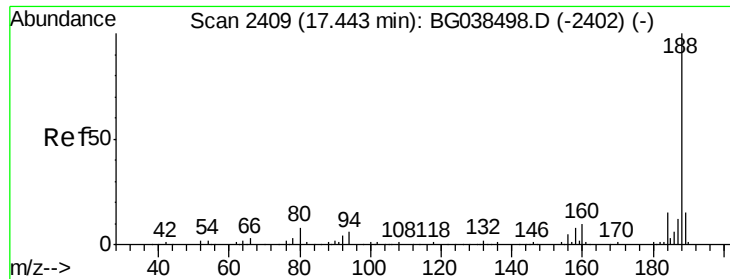
#57
 2,4-Dinitrotoluene
 Concen: 5.078 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038711.D
 Acq: 19 Dec 2018 3:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	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

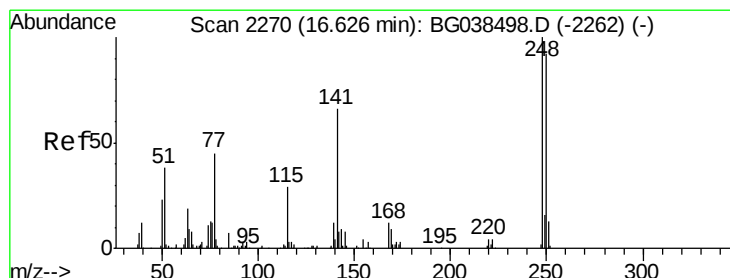
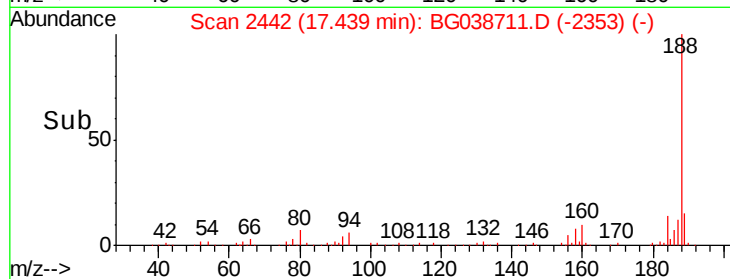
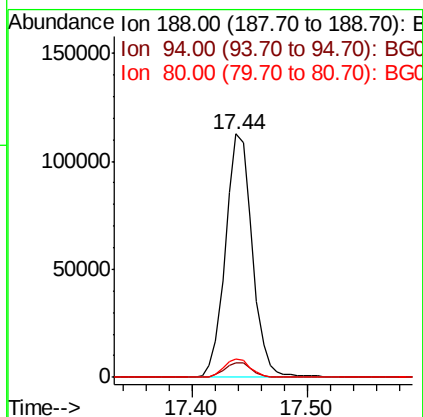
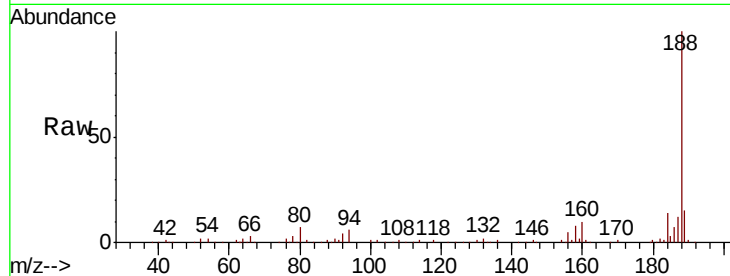




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038711.D
Acq: 19 Dec 2018 3:15

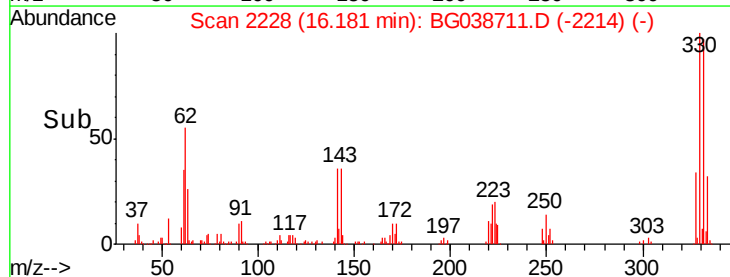
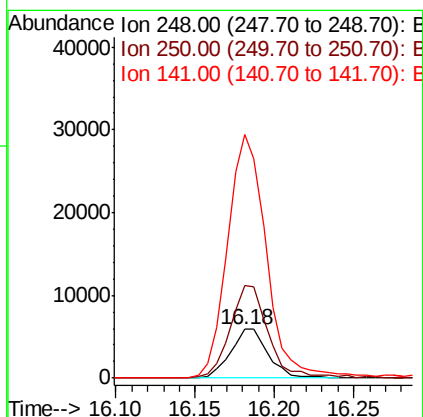
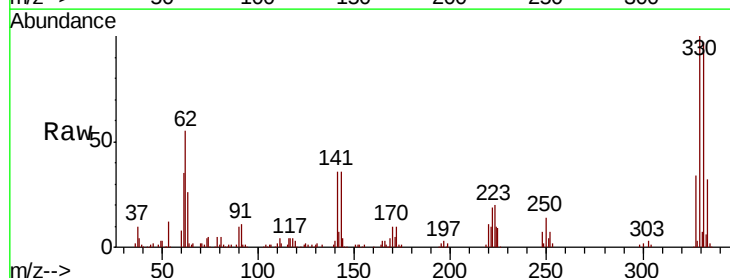
Instrument :
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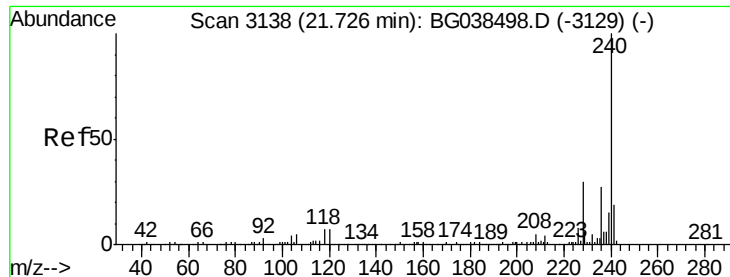
Tgt Ion:188 Resp: 181041
Ion Ratio Lower Upper
188 100
94 6.1 5.1 7.7
80 7.5 6.1 9.1



#67
4-Bromophenyl-phenylether
Concen: 4.351 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.44 min
Lab File: BG038711.D
Acq: 19 Dec 2018 3:15

Tgt Ion:248 Resp: 9621
Ion Ratio Lower Upper
248 100
250 187.6 73.4 110.2#
141 370.4 52.9 79.3#

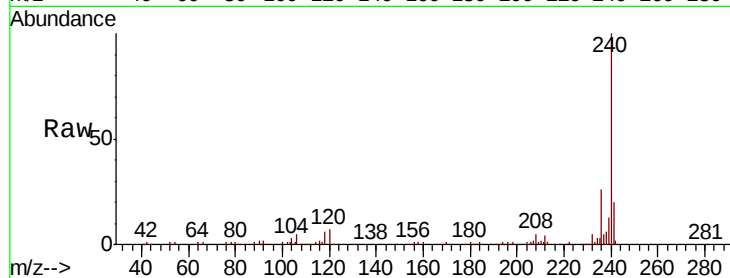




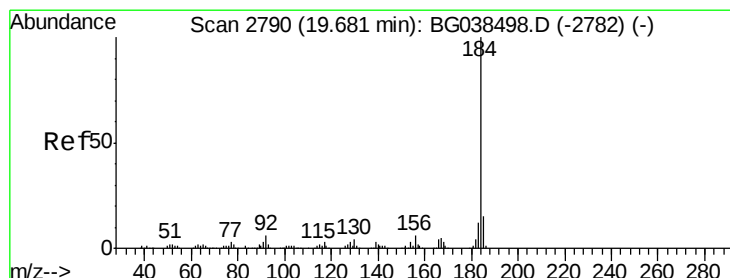
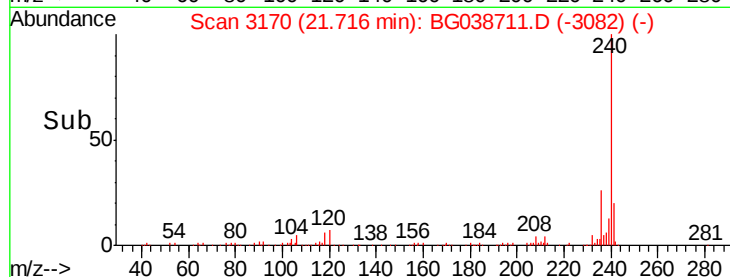
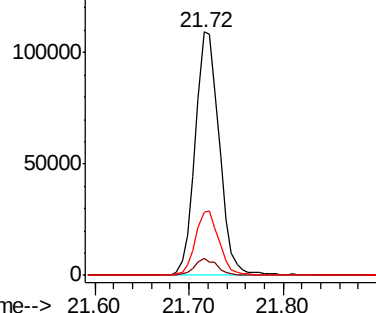
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038711.D
 Acq: 19 Dec 2018 3:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-A

Tgt Ion:240 Resp: 195494
 Ion Ratio Lower Upper
 240 100
 120 7.0 5.3 7.9
 236 25.7 21.4 32.2

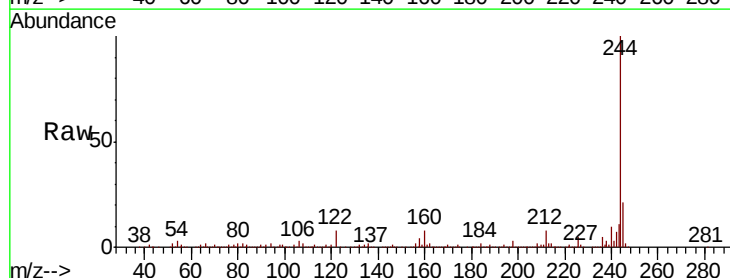


Abundance Ion 240.00 (239.70 to 240.70): E
 150000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

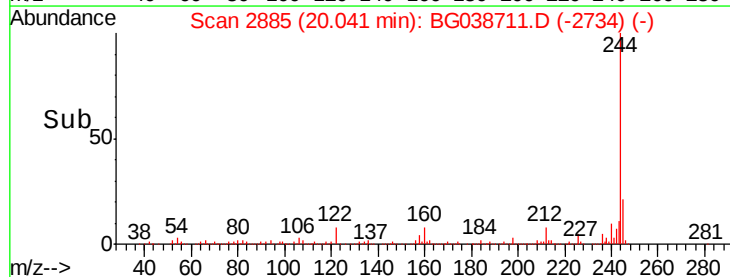
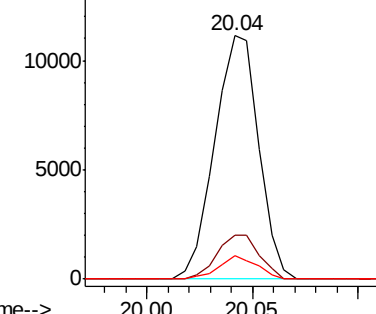


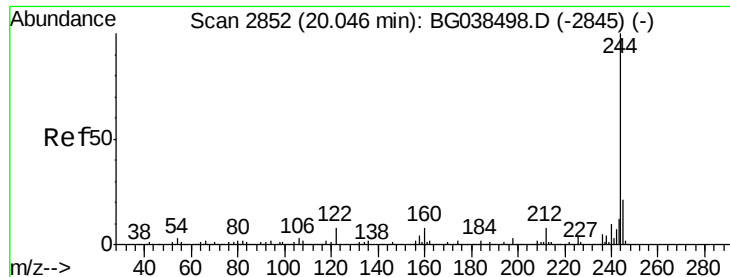
#77
 Benzidine
 Concen: 2.779 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. 0.36 min
 Lab File: BG038711.D
 Acq: 19 Dec 2018 3:15

Tgt Ion:184 Resp: 16067
 Ion Ratio Lower Upper
 184 100
 185 17.8 12.2 18.2
 183 9.4 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E
 15000 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 105.191 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038711.D

Acq: 19 Dec 2018 3:15

Instrument :

BNA_G

ClientSampleId :

TP-7-A

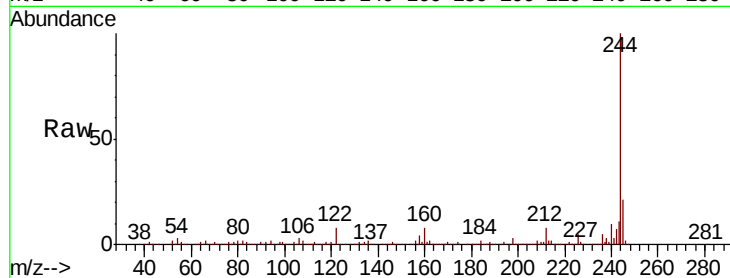
Tgt Ion:244 Resp: 944900

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

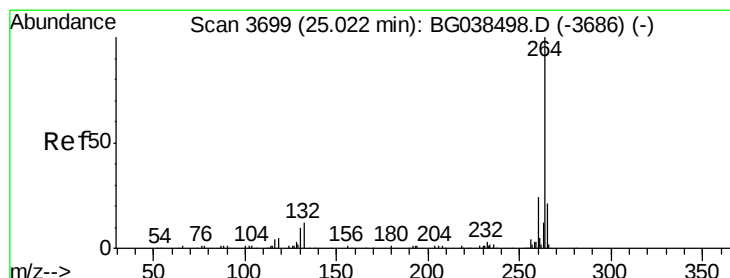
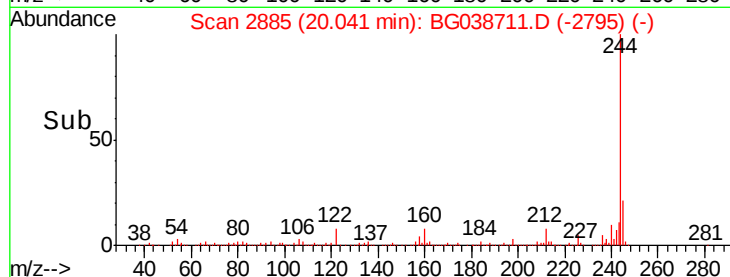
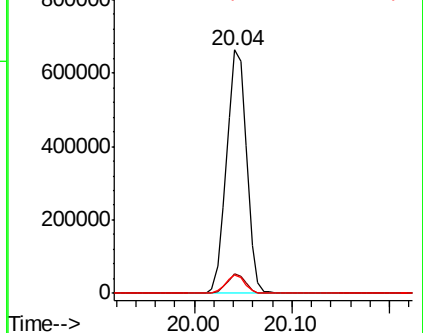
122 7.6 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038711.D

Acq: 19 Dec 2018 3:15

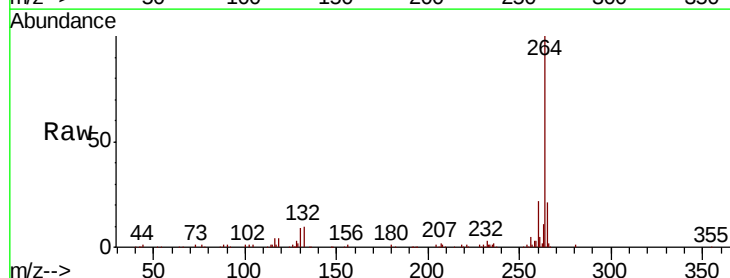
Tgt Ion:264 Resp: 200473

Ion Ratio Lower Upper

264 100

260 22.2 18.9 28.3

265 21.5 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

