

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038568.D
 Acq On : 14 Dec 2018 14:26
 Operator : JU/SJ
 Sample : J6326-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 15:26:42 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

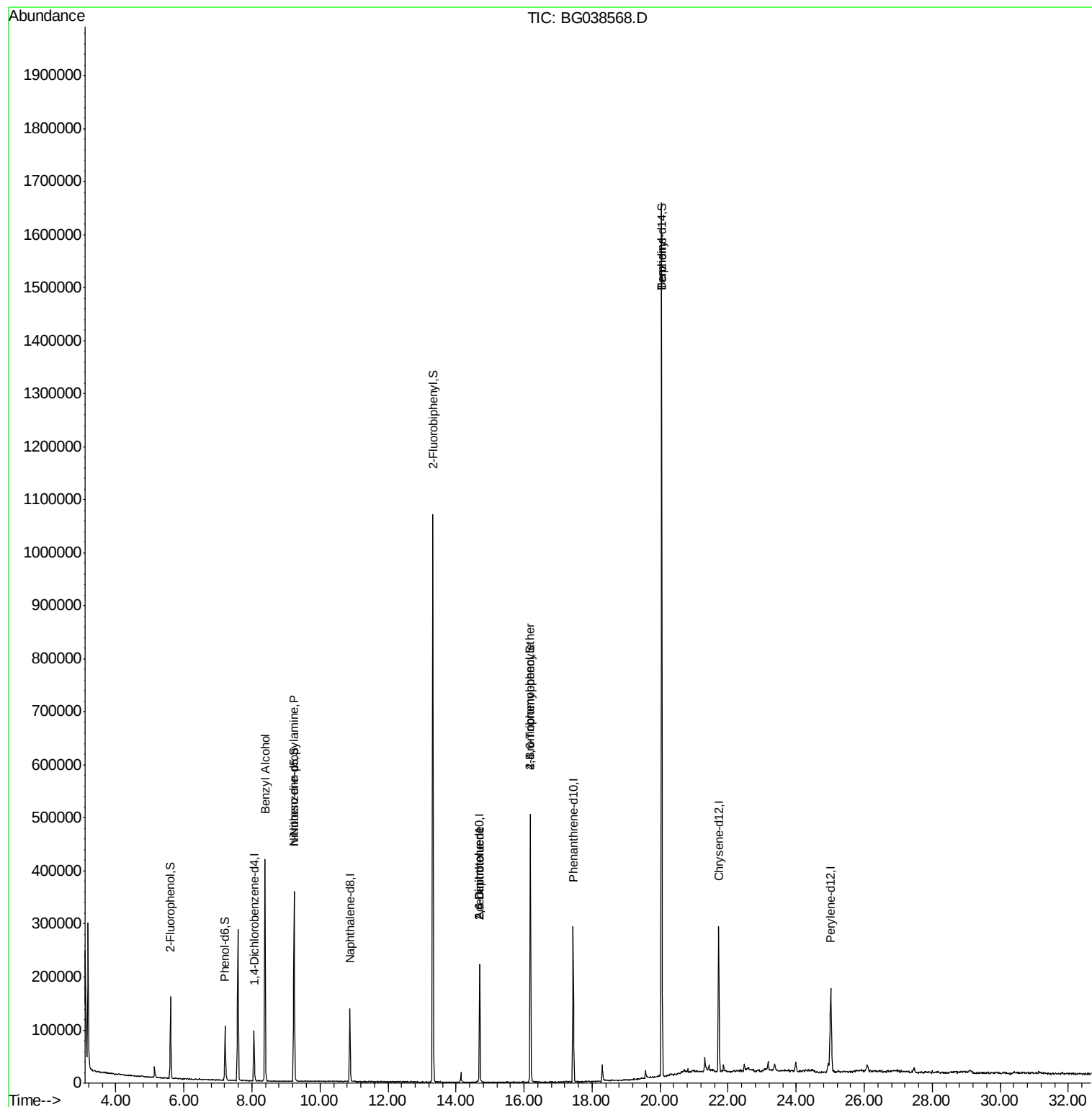
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26363	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	118321	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	82439	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	185737	20.00	ng	0.00
76) Chrysene-d12	21.72	240	170960	20.00	ng	0.00
87) Perylene-d12	25.02	264	183350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	68262	45.93	ng	0.00
7) Phenol-d6	7.21	99	57150	28.01	ng	0.00
23) Nitrobenzene-d5	9.24	82	217776	94.03	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	99598	87.66	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	554859	92.33	ng	0.00
79) Terphenyl-d14	20.05	244	799068	101.72	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	3420	2.147	ng	# 51
19) n-Nitroso-di-n-propylamine	9.23	70	30416	21.223	ng	# 69
51) 2,6-Dinitrotoluene	14.69	165	10548	6.914	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	10548	4.909	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	6766	2.983	ng	# 1
77) Benzidine	20.05	184	14667	2.901	ng	97

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

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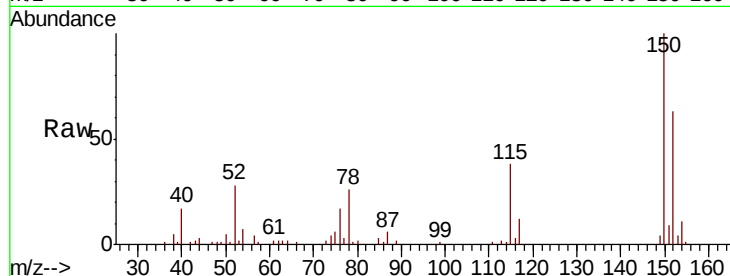


#1

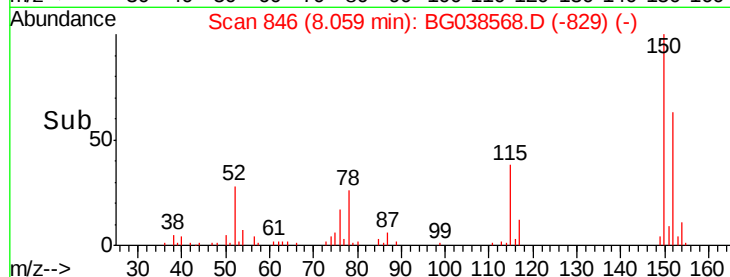
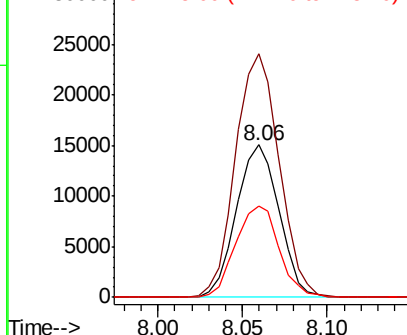
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038568.D
Acq: 14 Dec 2018 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 26363
Ion Ratio Lower Upper
152 100
150 159.5 119.5 179.3
115 60.2 49.6 74.4



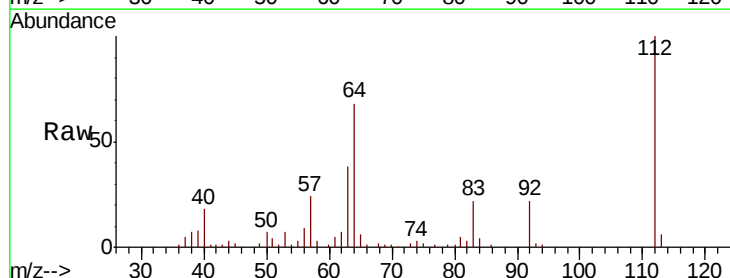
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



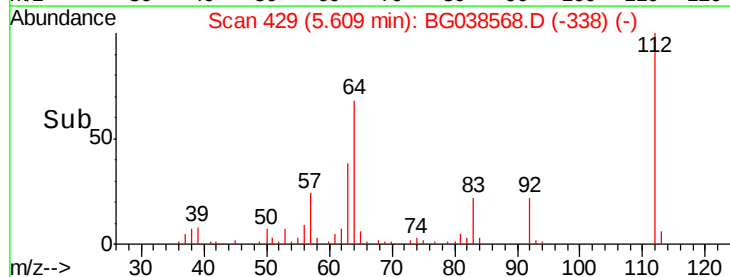
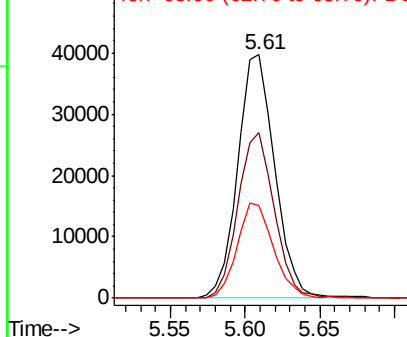
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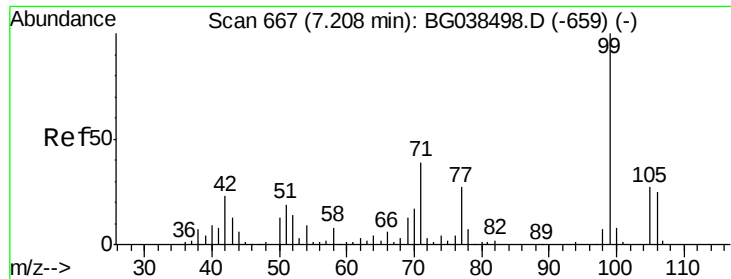
2-Fluorophenol
Concen: 45.925 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038568.D
Acq: 14 Dec 2018 14:26

Tgt Ion:112 Resp: 68262
Ion Ratio Lower Upper
112 100
64 67.7 53.4 80.2
63 38.0 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: 28.008 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038568.D

Acq: 14 Dec 2018 14:26

Instrument :

BNA_F

ClientSampleId :

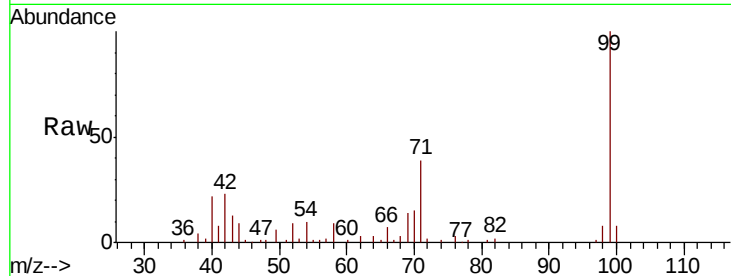
Tot Ion: 99 Resp: 57150

Ion Ratio Lower Upper

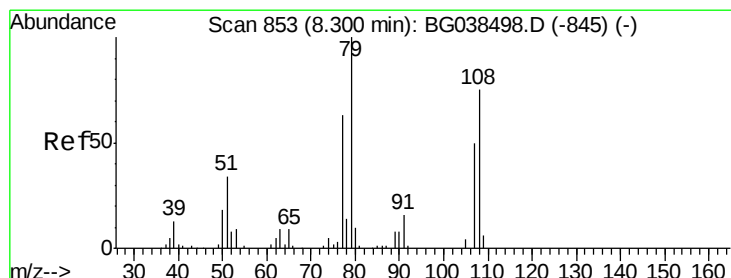
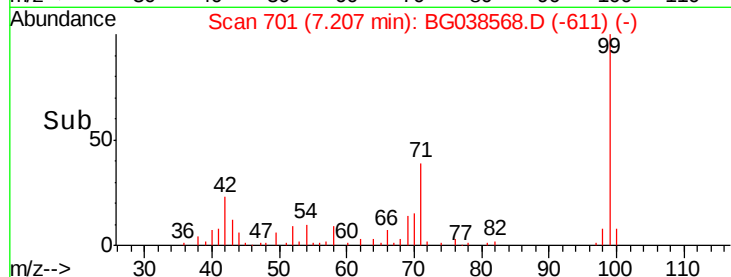
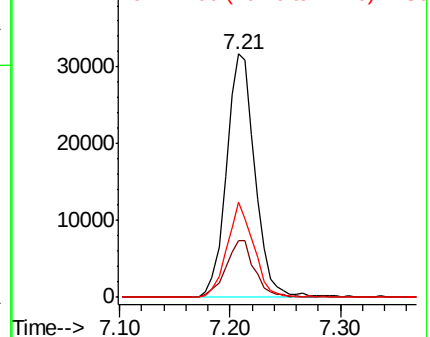
99 100

42 23.2 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: 2.147 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.08 min

Lab File: BG038568.D

Acq: 14 Dec 2018 14:26

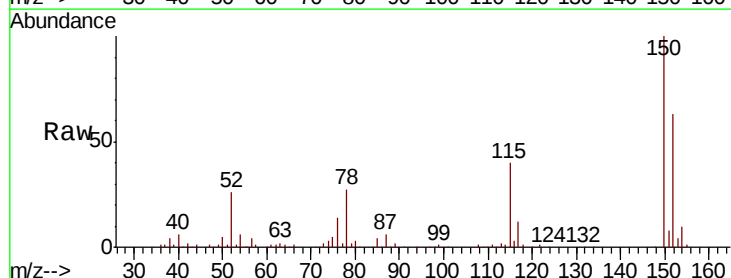
Tgt Ion: 79 Resp: 3420

Ion Ratio Lower Upper

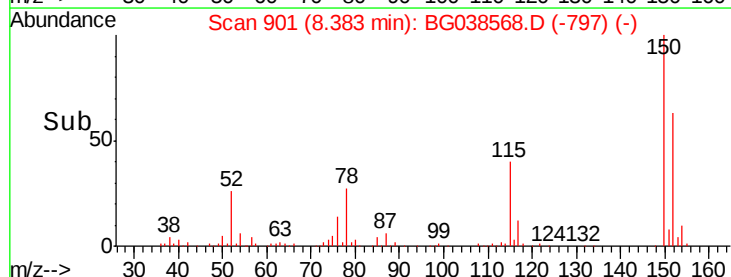
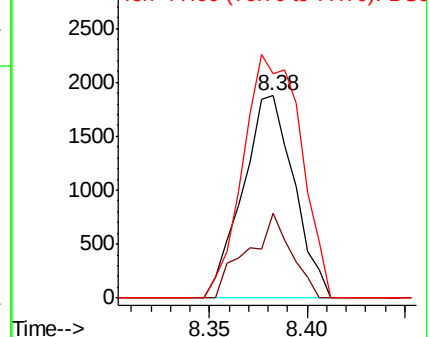
79 100

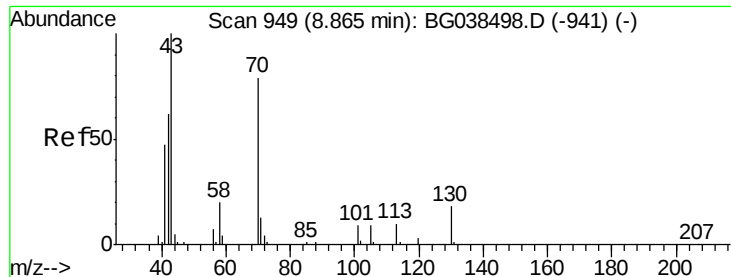
108 41.9 60.2 90.4#

77 111.0 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

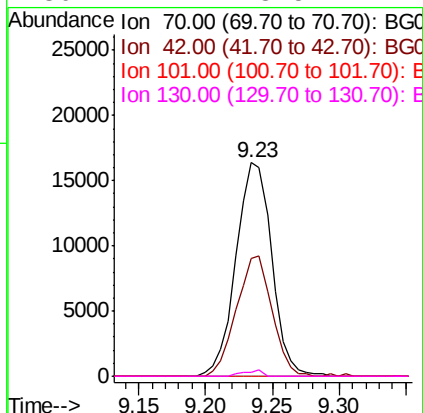
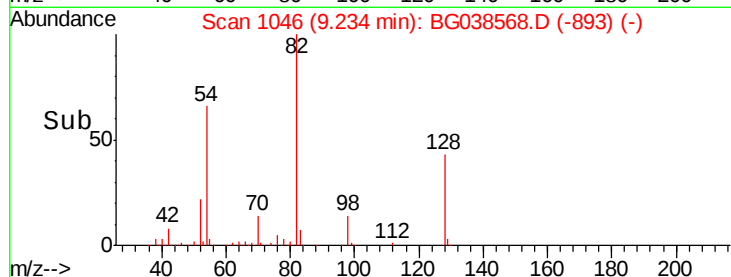
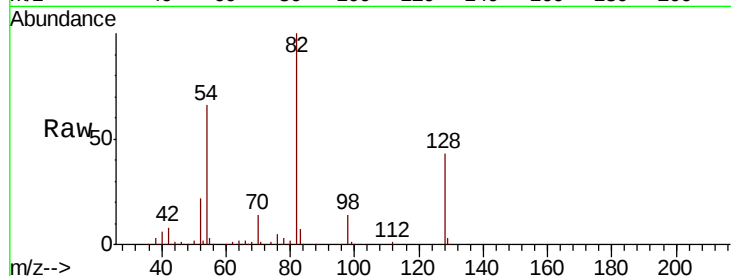




#19
n-Nitroso-di-n-propylamine
Concen: 21.223 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038568.D
Acq: 14 Dec 2018 14:26

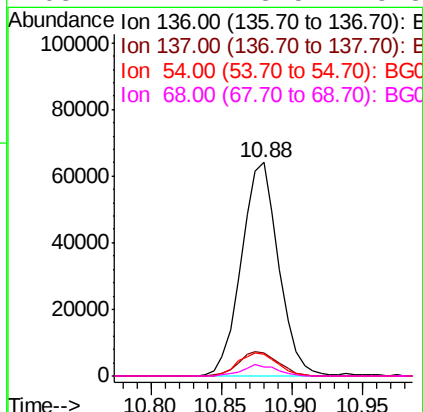
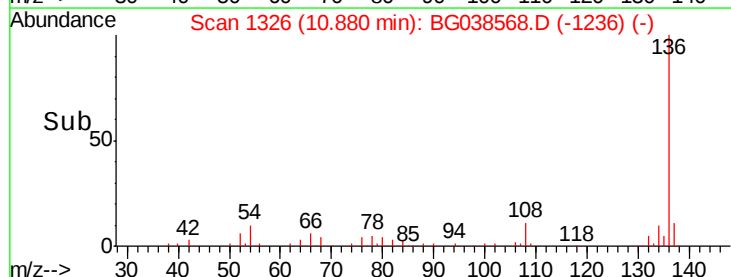
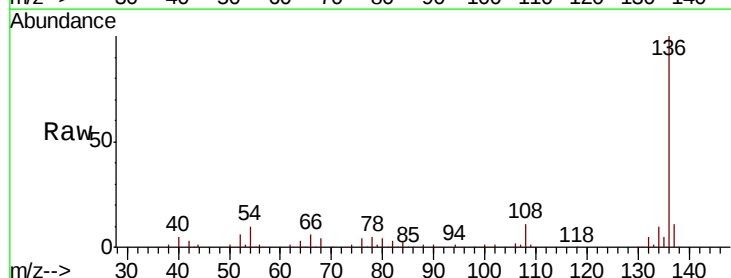
Instrument :
BNA_F
ClientSampleId :

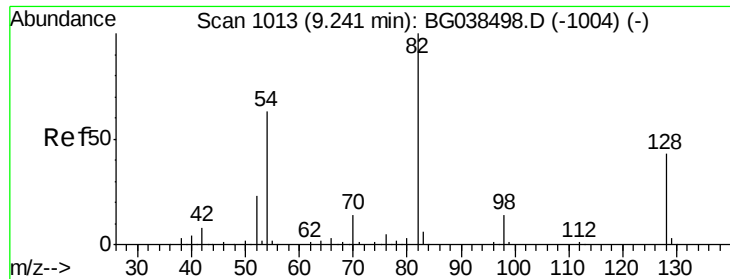
Tot Ion: 70 Resp: 30416
Ion Ratio Lower Upper
70 100
42 55.2 63.6 95.4#
101 0.0 9.2 13.8#
130 1.7 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038568.D
Acq: 14 Dec 2018 14:26

Tgt Ion: 136 Resp: 118321
Ion Ratio Lower Upper
136 100
137 10.8 9.3 13.9
54 10.0 8.5 12.7
68 4.4 3.5 5.3

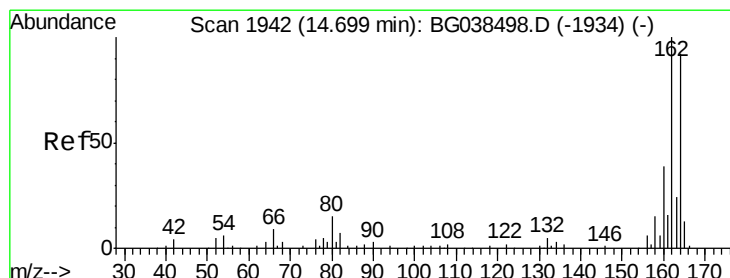
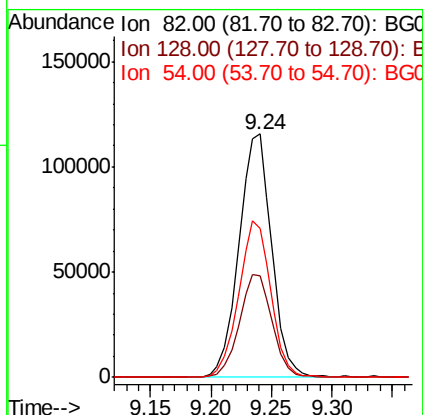
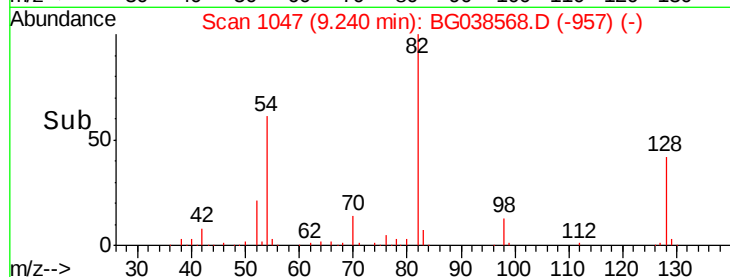
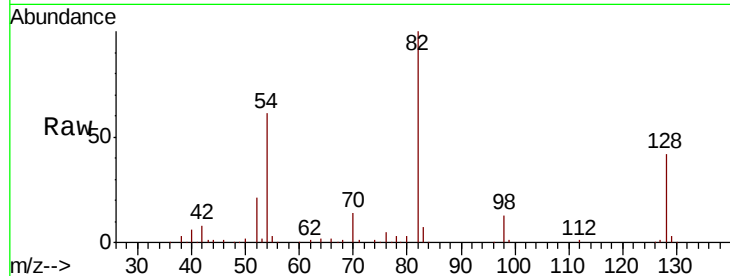




#23
Nitrobenzene-d5
Concen: 94.029 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038568.D
Acq: 14 Dec 2018 14:26

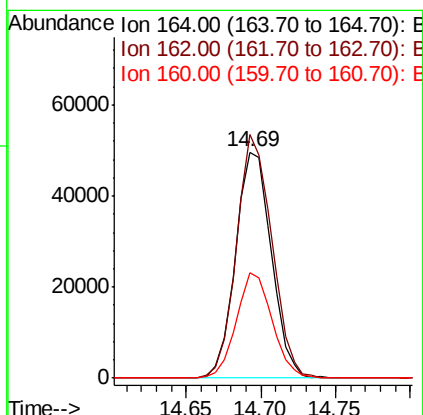
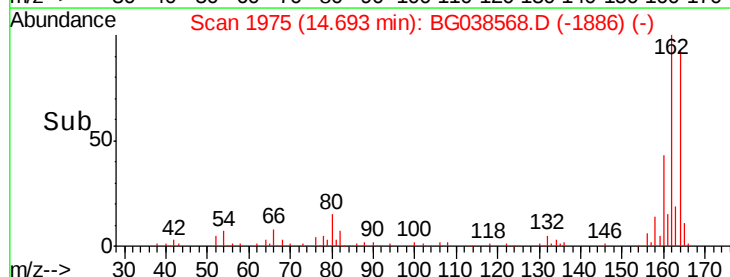
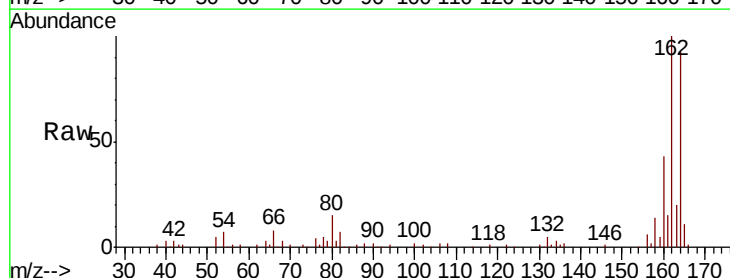
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 217776
Ion Ratio Lower Upper
82 100
128 41.7 34.6 52.0
54 61.1 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038568.D
Acq: 14 Dec 2018 14:26

Tgt Ion:164 Resp: 82439
Ion Ratio Lower Upper
164 100
162 107.8 86.6 130.0
160 46.4 34.2 51.2

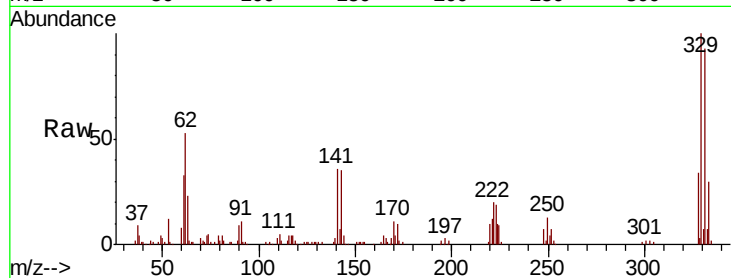




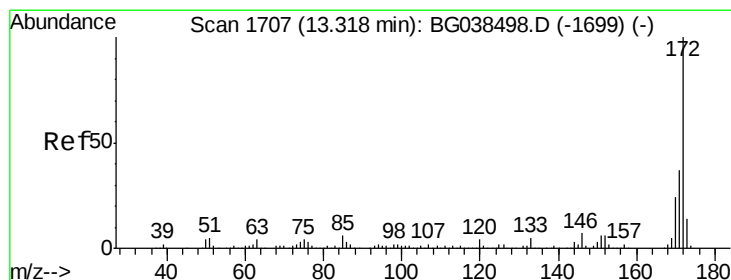
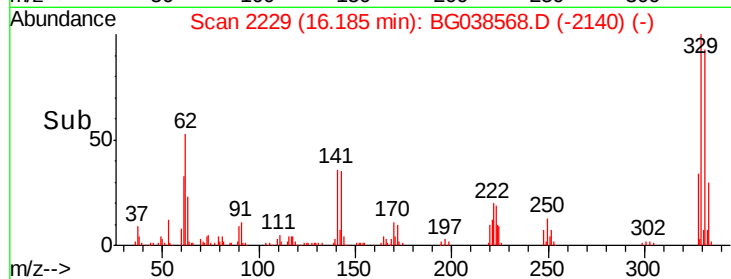
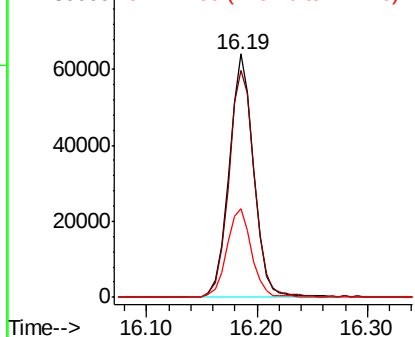
#42
 2,4,6-Tribromophenol
 Concen: 87.662 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038568.D
 Acq: 14 Dec 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 99598
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.9 115.3
 141 36.6 28.8 43.2

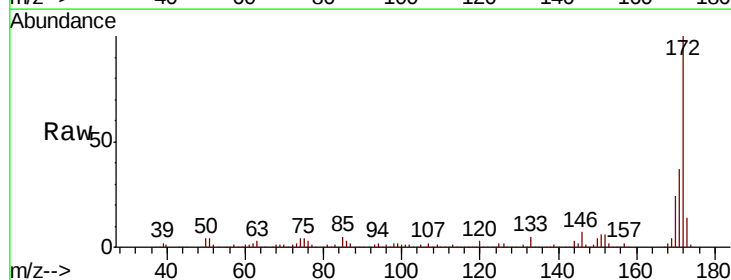


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

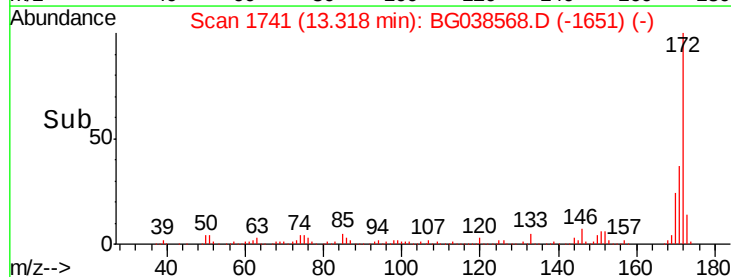
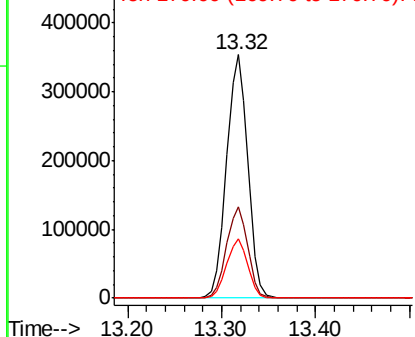


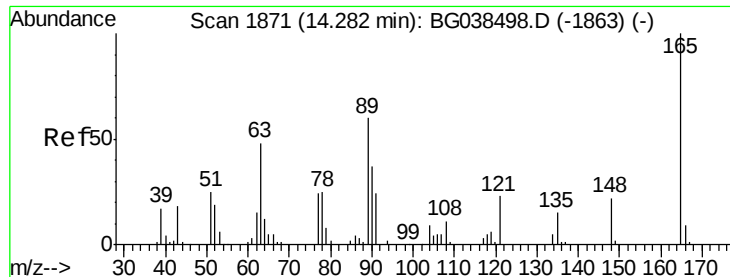
#45
 2-Fluorobiphenyl
 Concen: 92.333 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038568.D
 Acq: 14 Dec 2018 14:26

Tgt Ion:172 Resp: 554859
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 24.3 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

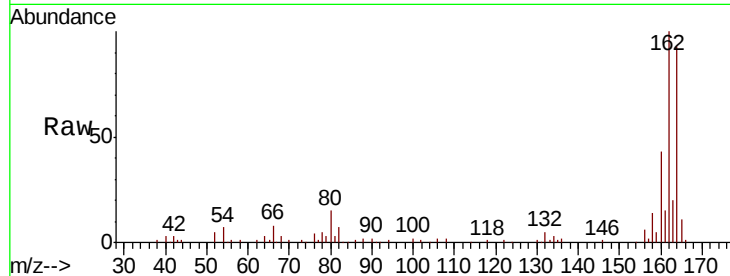




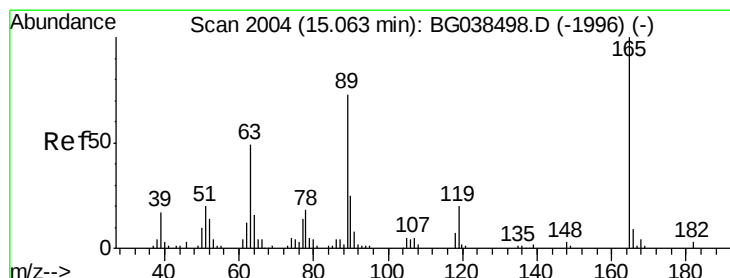
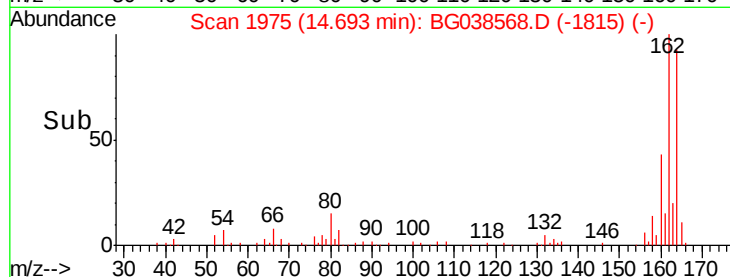
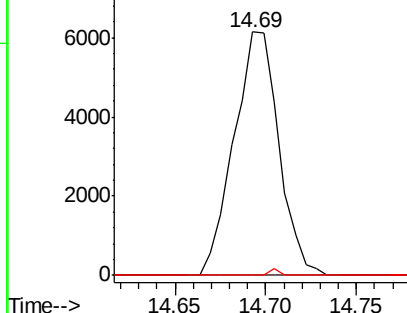
#51
 2,6-Dinitrotoluene
 Concen: 6.914 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038568.D
 Acq: 14 Dec 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :

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

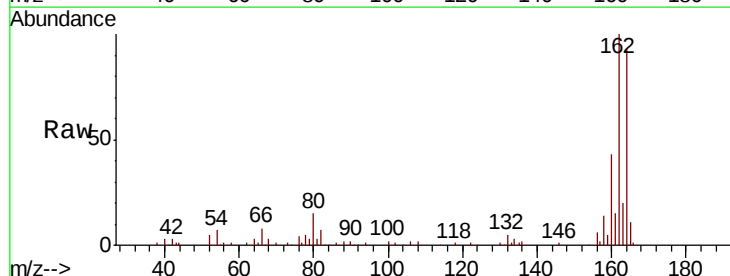


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

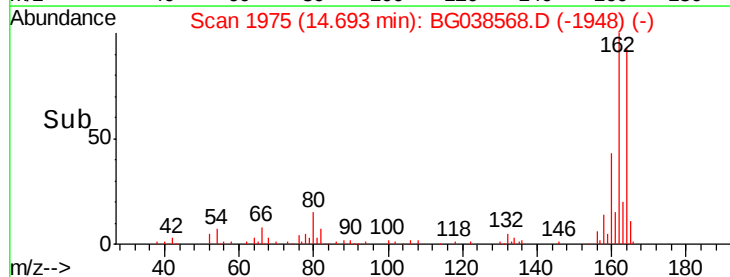
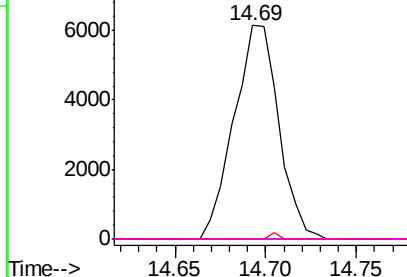


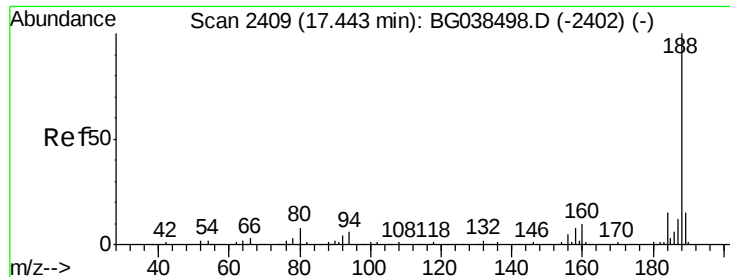
#57
 2,4-Dinitrotoluene
 Concen: 4.909 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038568.D
 Acq: 14 Dec 2018 14:26

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

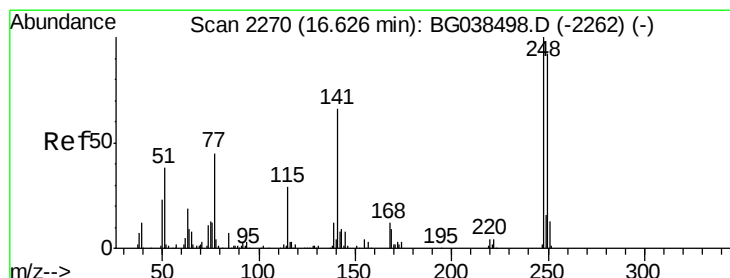
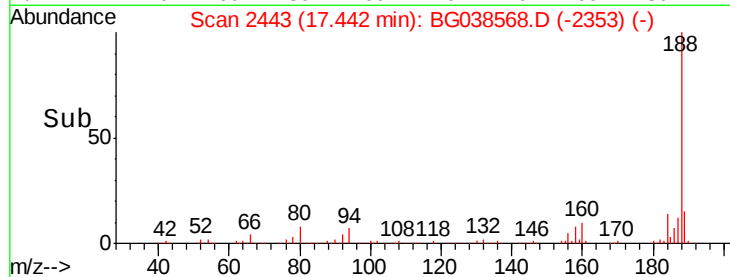
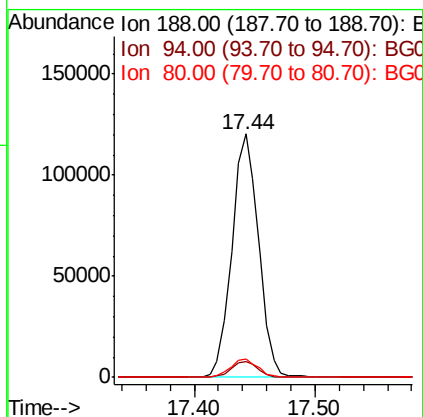
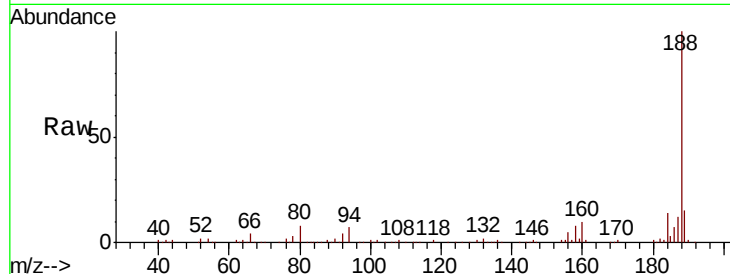




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038568.D
 Acq: 14 Dec 2018 14:26

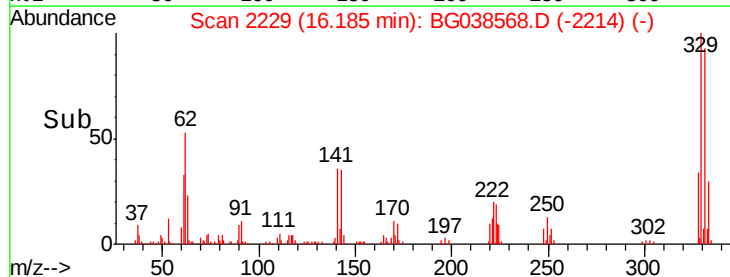
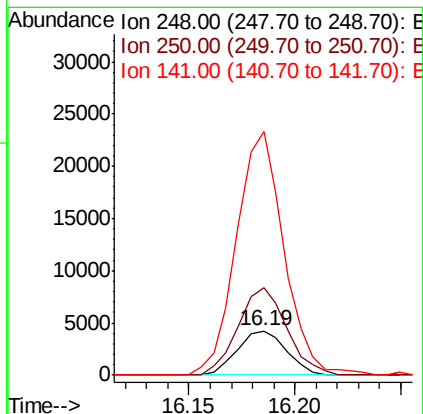
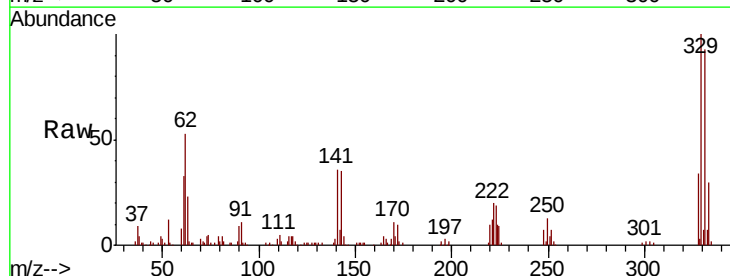
Instrument :
 BNA_F
 ClientSampleId :

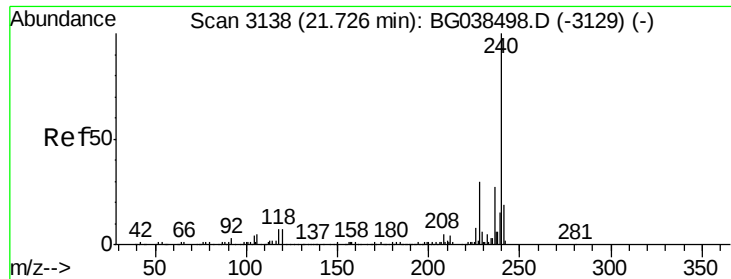
Tot Ion:188 Resp: 185737
 Ion Ratio Lower Upper
 188 100
 94 6.7 5.1 7.7
 80 7.8 6.1 9.1



#67
 4-Bromophenyl-phenylether
 Concen: 2.983 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038568.D
 Acq: 14 Dec 2018 14:26

Tgt Ion:248 Resp: 6766
 Ion Ratio Lower Upper
 248 100
 250 198.2 73.4 110.2#
 141 420.3 52.9 79.3#

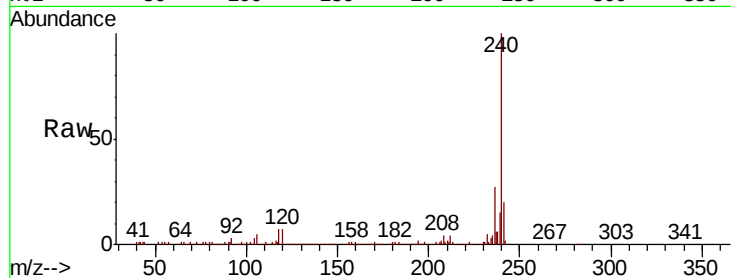




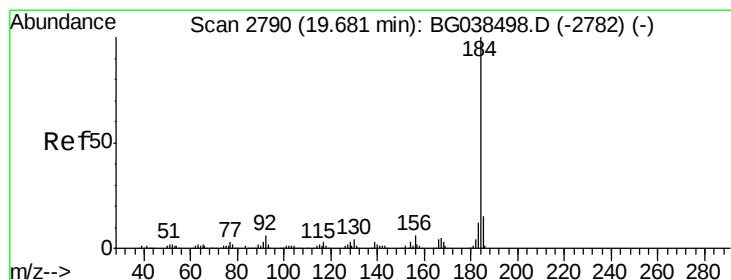
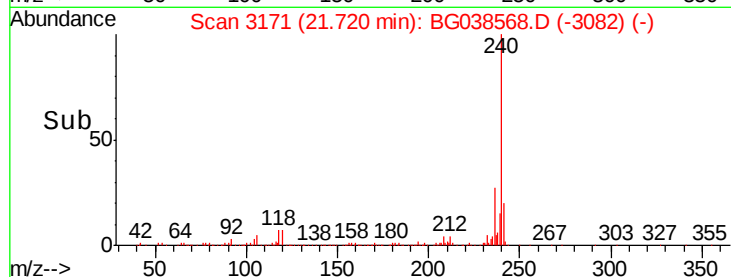
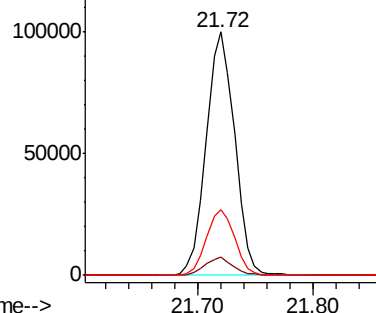
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038568.D
 Acq: 14 Dec 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 170960
 Ion Ratio Lower Upper
 240 100
 120 7.4 5.3 7.9
 236 27.1 21.4 32.2

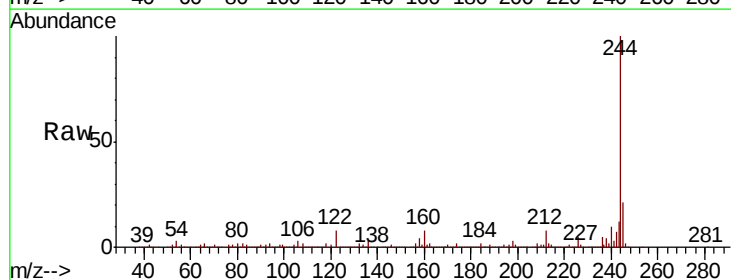


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

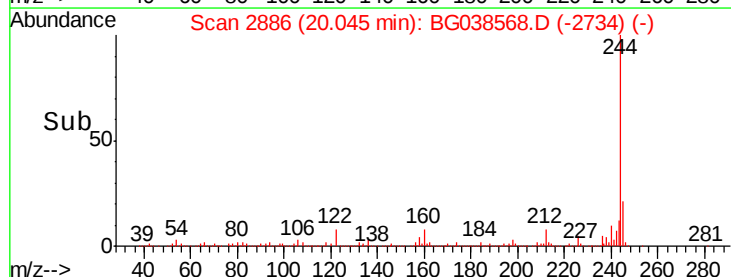
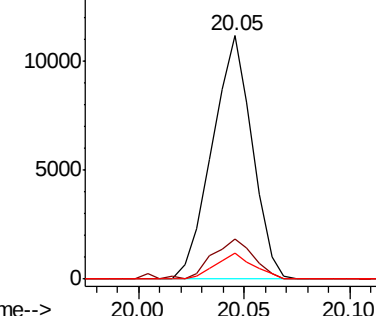


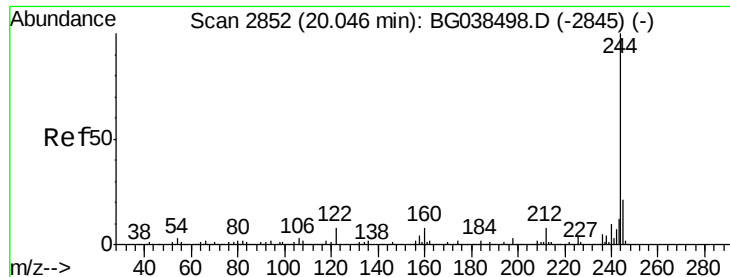
#77
 Benzidine
 Concen: 2.901 ng
 RT: 20.05 min Scan# 2886
 Delta R.T. 0.36 min
 Lab File: BG038568.D
 Acq: 14 Dec 2018 14:26

Tgt Ion:184 Resp: 14667
 Ion Ratio Lower Upper
 184 100
 185 16.2 12.2 18.2
 183 10.8 9.6 14.4



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: 101.722 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038568.D

Acq: 14 Dec 2018 14:26

Instrument :

BNA_F

ClientSampleId :

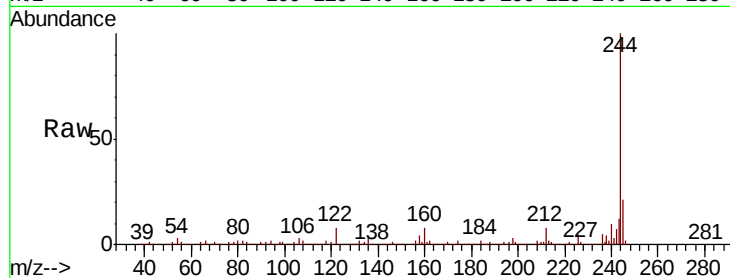
Tot Ion:244 Resp: 799068

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

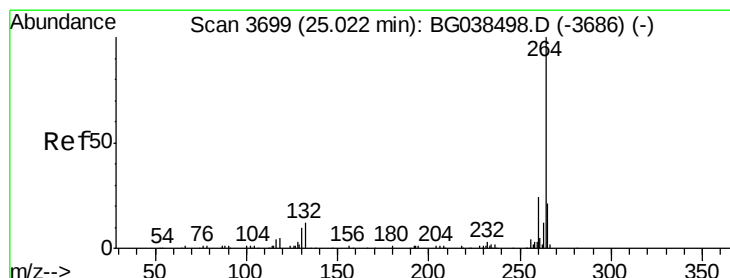
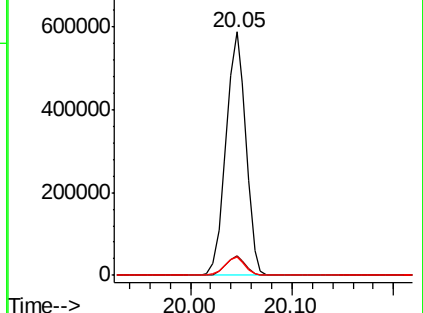
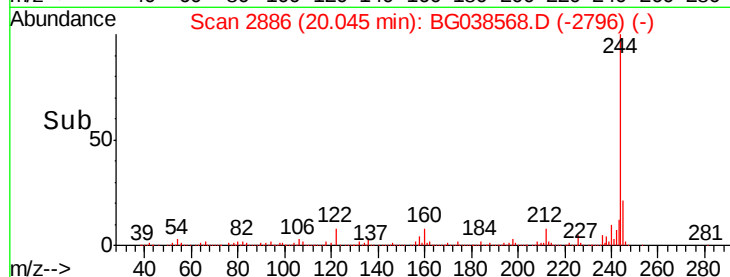
122 7.7 6.3 9.5



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: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038568.D

Acq: 14 Dec 2018 14:26

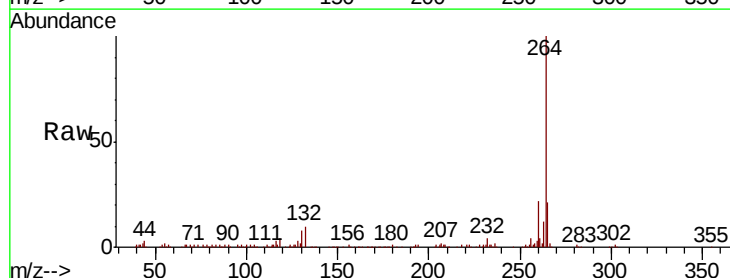
Tgt Ion:264 Resp: 183350

Ion Ratio Lower Upper

264 100

260 22.2 18.9 28.3

265 20.7 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

