

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038562.D
 Acq On : 14 Dec 2018 10:26
 Operator : JU/SJ
 Sample : J6344-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 11:31:26 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

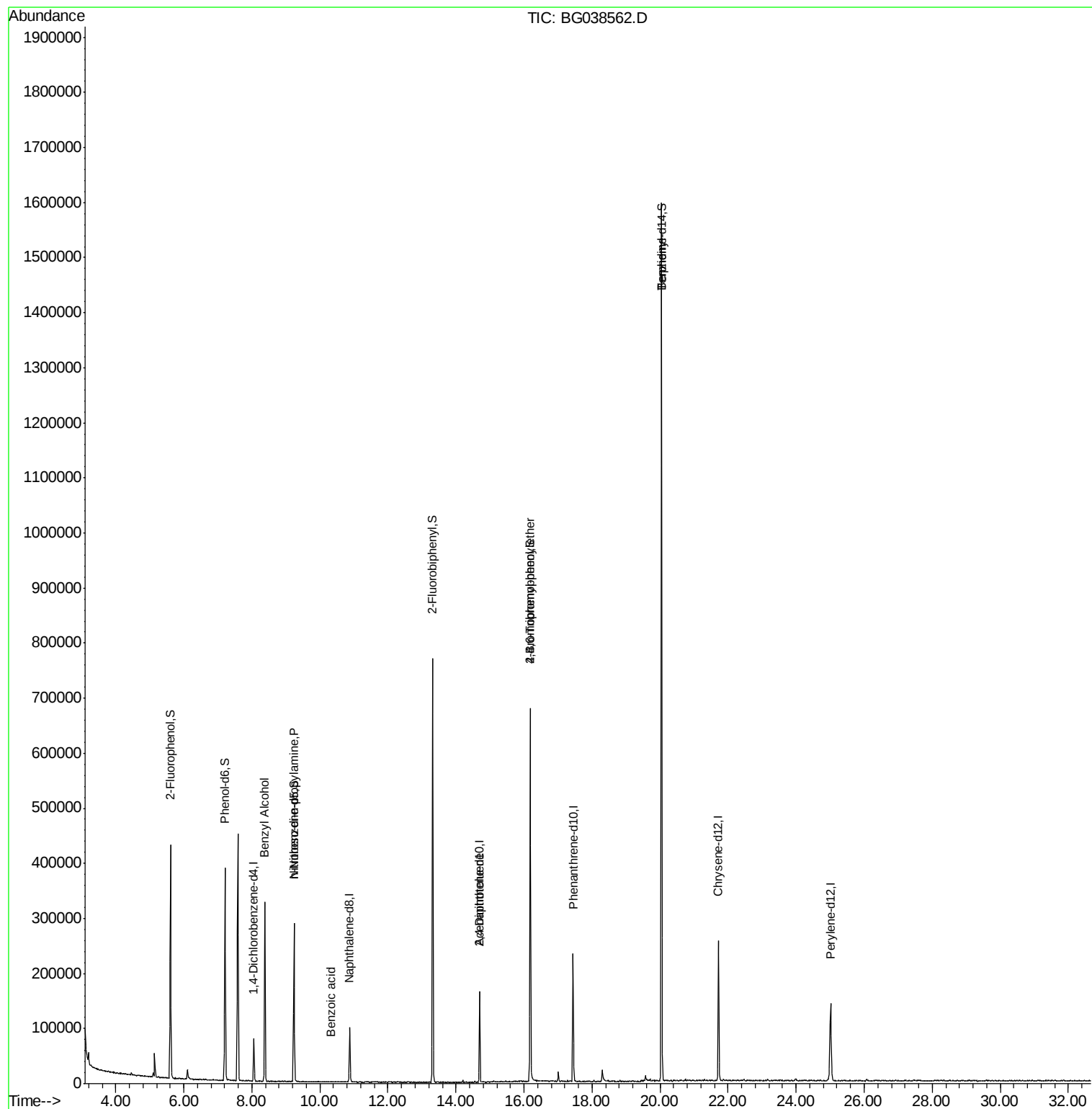
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21594	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87724	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	57316	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	147214	20.00	ng	0.00
76) Chrysene-d12	21.72	240	155434	20.00	ng	0.00
87) Perylene-d12	25.01	264	173835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	174281	143.15	ng	0.00
7) Phenol-d6	7.21	99	212280	127.01	ng	0.00
23) Nitrobenzene-d5	9.24	82	174636	101.70	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	132417	167.63	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	406366	97.26	ng	0.00
79) Terphenyl-d14	20.04	244	783095	109.65	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	2731	2.093	ng	# 61
19) n-Nitroso-di-n-propylamine	9.24	70	23582	20.089	ng	# 74
32) Benzoic acid	10.32	122	68	10.230	ng	# 67
57) 2,4-Dinitrotoluene	14.69	165	7906	5.292	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	8963	4.985	ng	# 1
77) Benzidine	20.04	184	14664	3.190	ng	# 93

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

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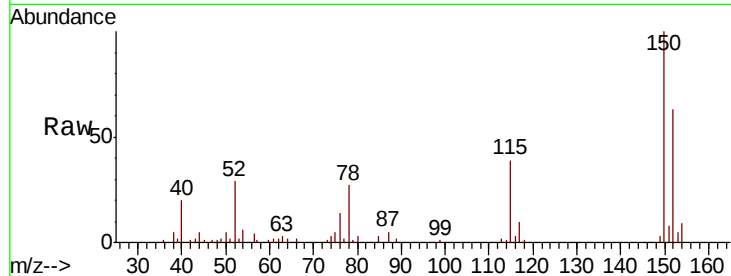


#1

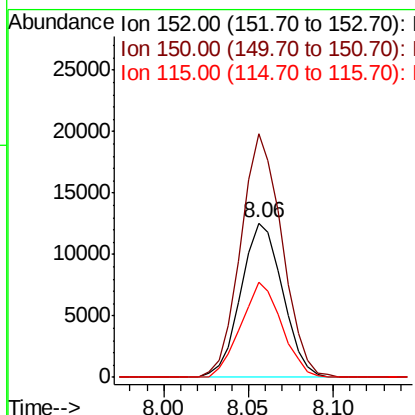
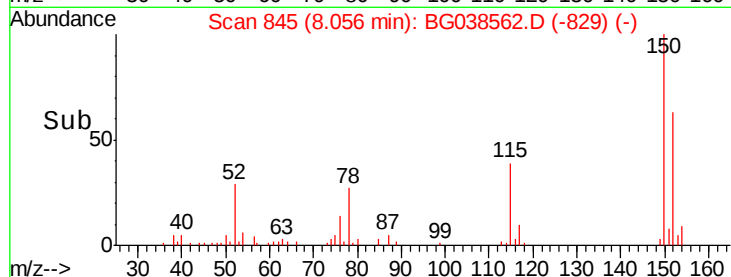
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038562.D
Acq: 14 Dec 2018 10:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 21594
Ion Ratio Lower Upper
152 100
150 157.7 119.5 179.3
115 61.4 49.6 74.4



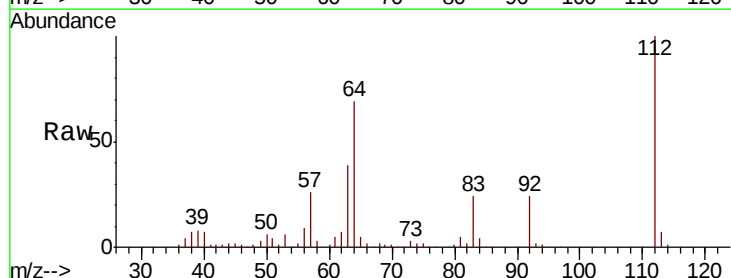
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



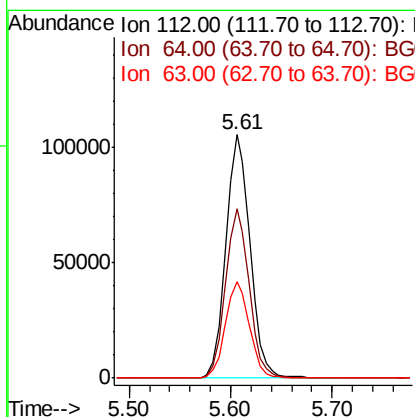
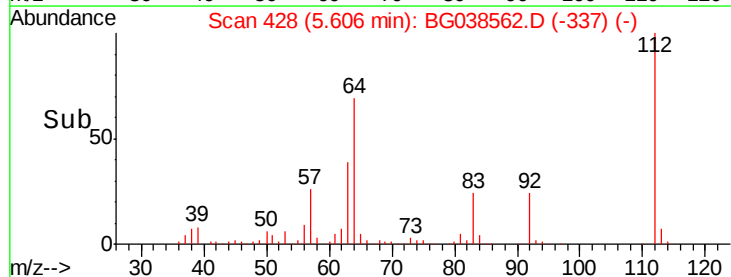
#5

2-Fluorophenol
Concen: 143.148 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038562.D
Acq: 14 Dec 2018 10:26

Tgt Ion:112 Resp: 174281
Ion Ratio Lower Upper
112 100
64 69.4 53.4 80.2
63 39.4 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.009 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038562.D

Acq: 14 Dec 2018 10:26

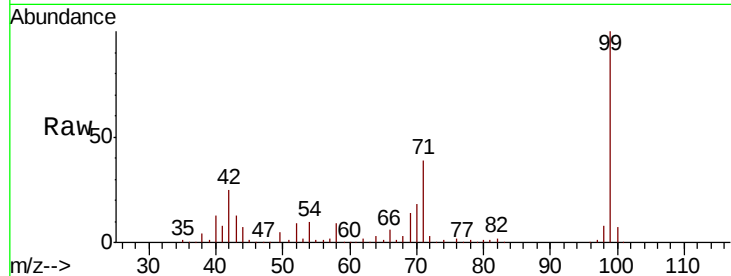
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 212280

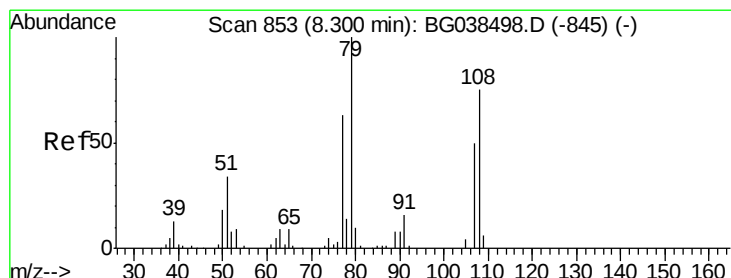
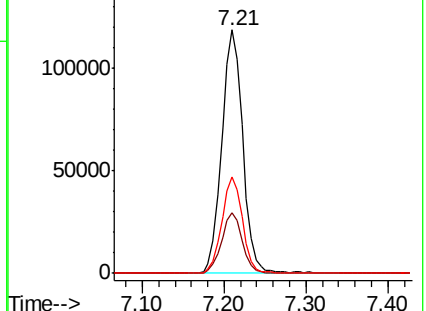
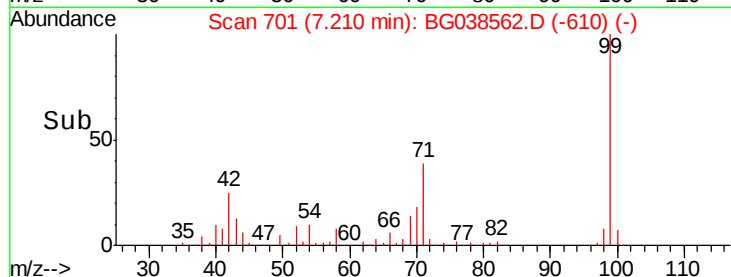
Ion	Ratio	Lower	Upper
99	100		
42	25.0	18.5	27.7
71	39.4	31.1	46.7



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: 2.093 ng

RT: 8.38 min Scan# 900

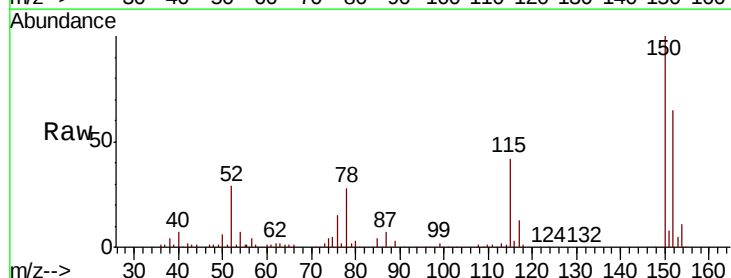
Delta R.T. 0.08 min

Lab File: BG038562.D

Acq: 14 Dec 2018 10:26

Tgt Ion: 79 Resp: 2731

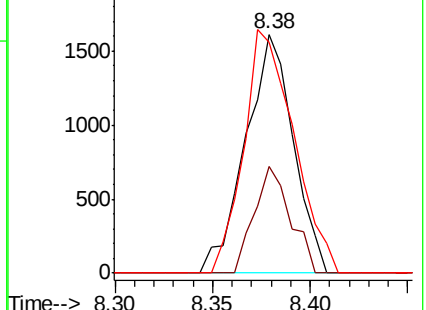
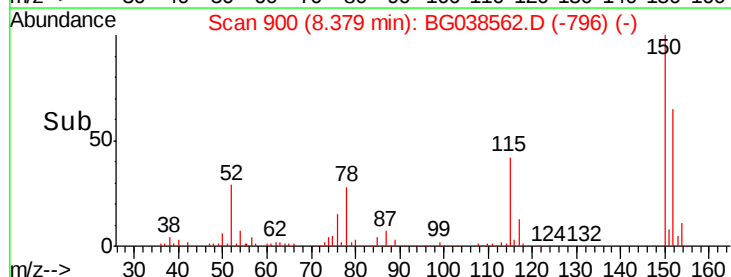
Ion	Ratio	Lower	Upper
79	100		
108	44.8	60.2	90.4#
77	96.7	50.7	76.1#

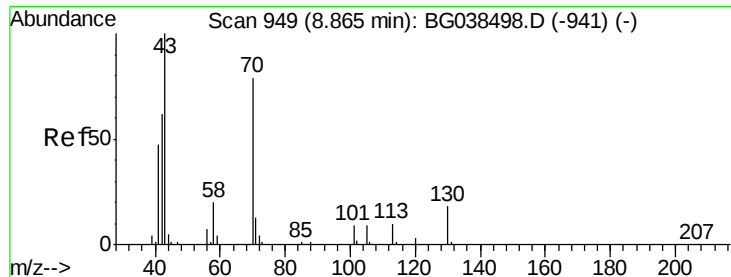


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

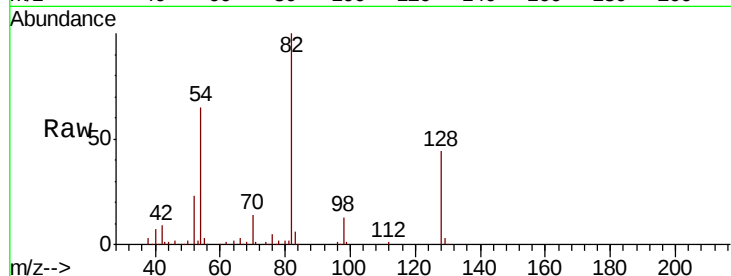




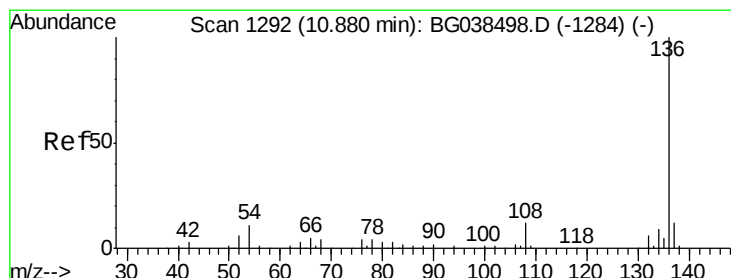
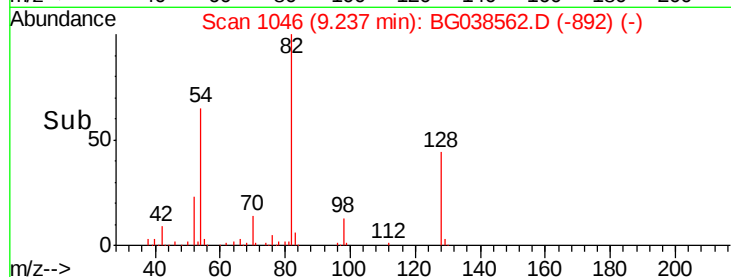
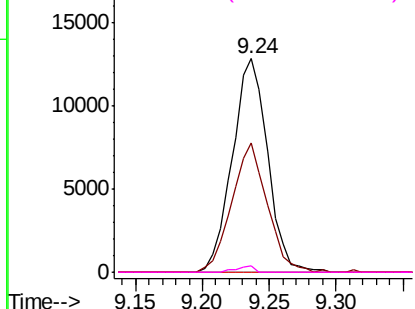
#19
n-Nitroso-di-n-propylamine
Concen: 20.089 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038562.D
Acq: 14 Dec 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 23582
Ion Ratio Lower Upper
70 100
42 60.7 63.6 95.4#
101 0.0 9.2 13.8#
130 2.9 18.5 27.7#

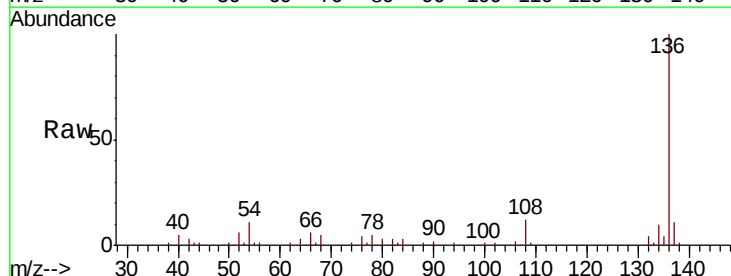


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

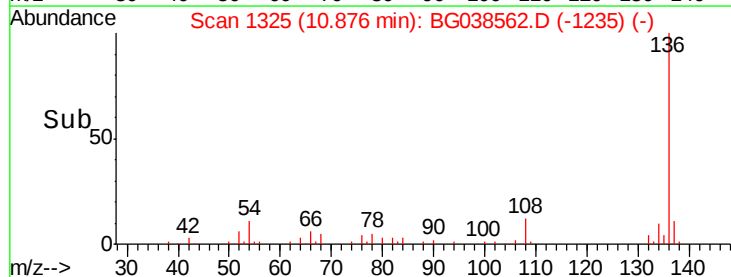
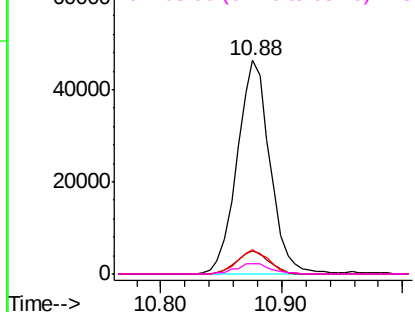


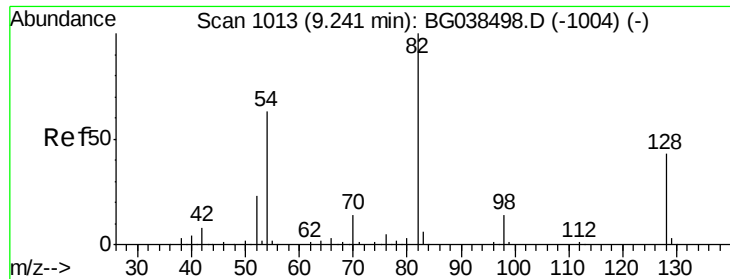
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038562.D
Acq: 14 Dec 2018 10:26

Tgt Ion: 136 Resp: 87724
Ion Ratio Lower Upper
136 100
137 11.0 9.3 13.9
54 11.1 8.5 12.7
68 4.7 3.5 5.3



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

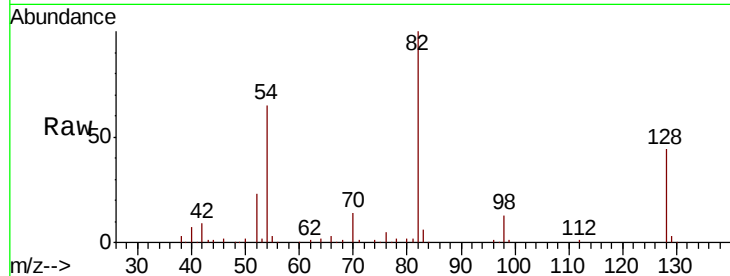




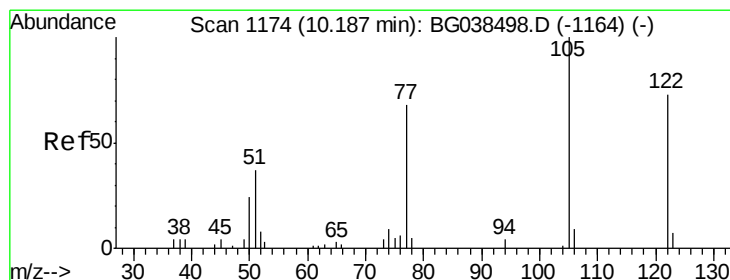
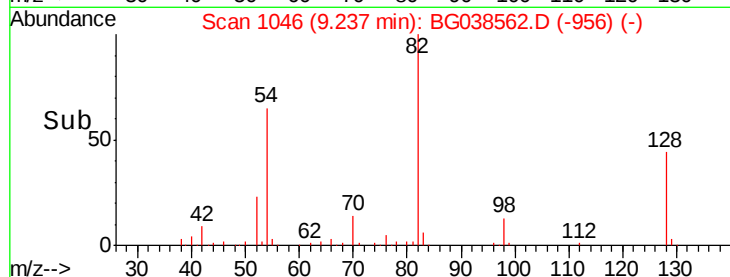
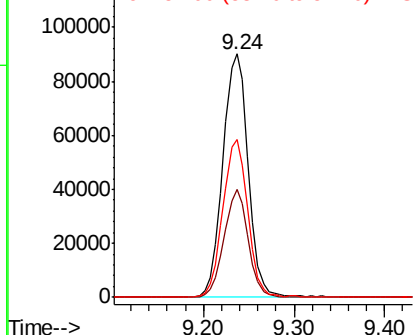
#23
 Nitrobenzene-d5
 Concen: 101.701 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038562.D
 Acq: 14 Dec 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 174636
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.6 52.0
 54 64.7 50.6 76.0

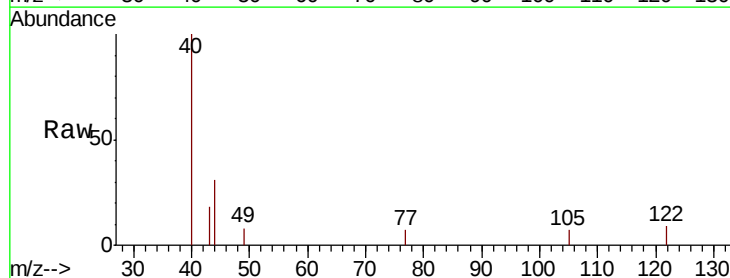


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

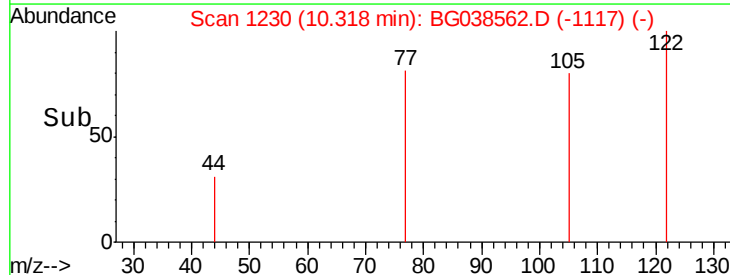
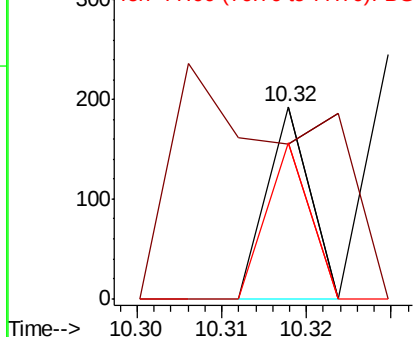


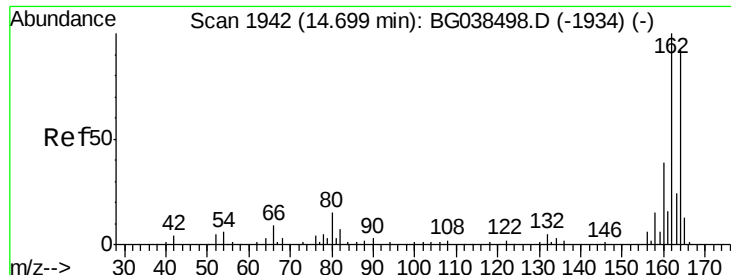
#32
 Benzoic acid
 Concen: 10.230 ng
 RT: 10.32 min Scan# 1230
 Delta R.T. 0.13 min
 Lab File: BG038562.D
 Acq: 14 Dec 2018 10:26

Tgt Ion: 122 Resp: 68
 Ion Ratio Lower Upper
 122 100
 105 80.3 116.7 156.7#
 77 80.8 72.5 112.5



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038562.D

Acq: 14 Dec 2018 10:26

Instrument :

BNA_F

ClientSampled :

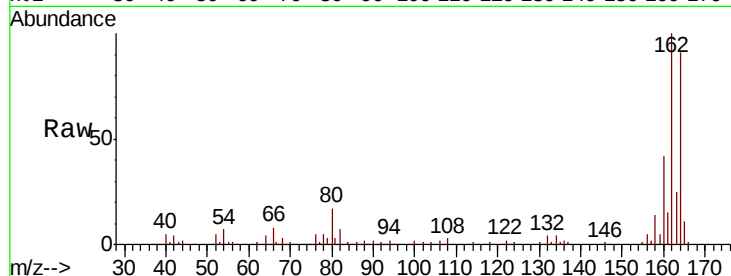
Tot Ion:164 Resp: 57316

Ion Ratio Lower Upper

164 100

162 109.8 86.6 130.0

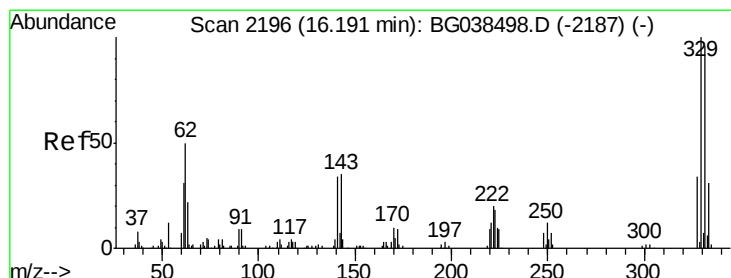
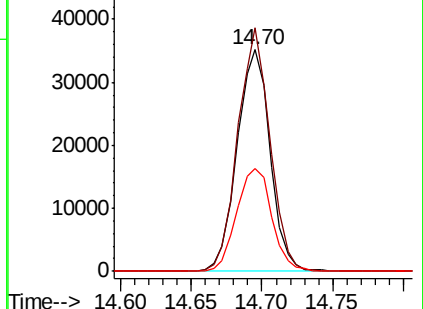
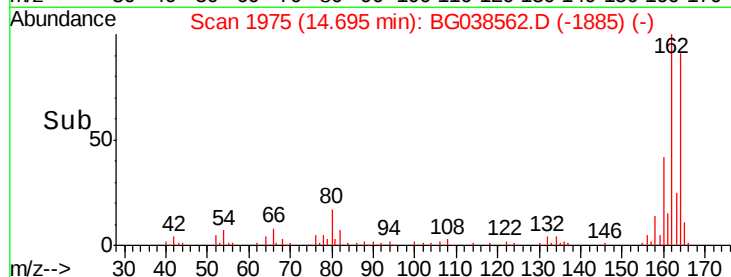
160 46.6 34.2 51.2



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: 167.634 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038562.D

Acq: 14 Dec 2018 10:26

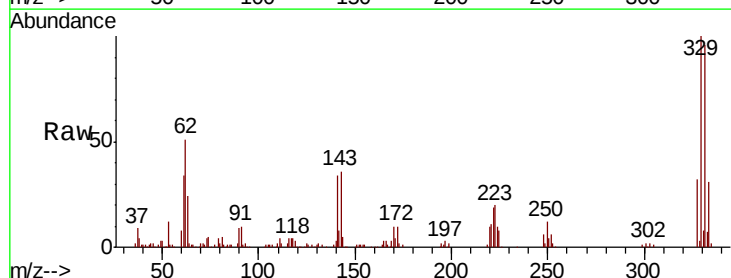
Tgt Ion:330 Resp: 132417

Ion Ratio Lower Upper

330 100

332 95.2 76.9 115.3

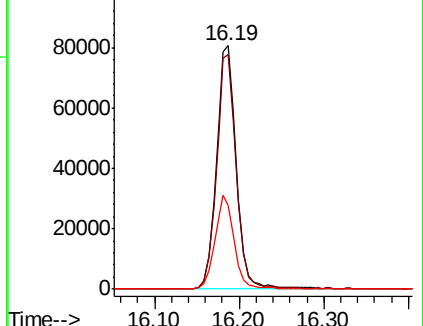
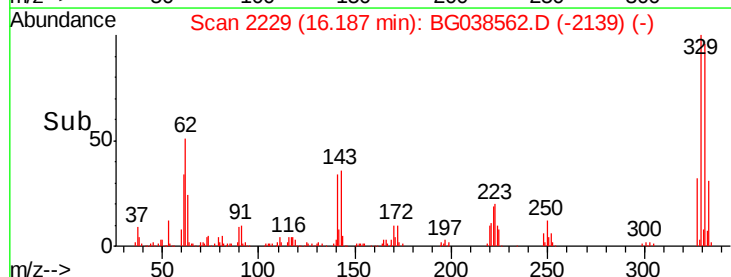
141 37.3 28.8 43.2

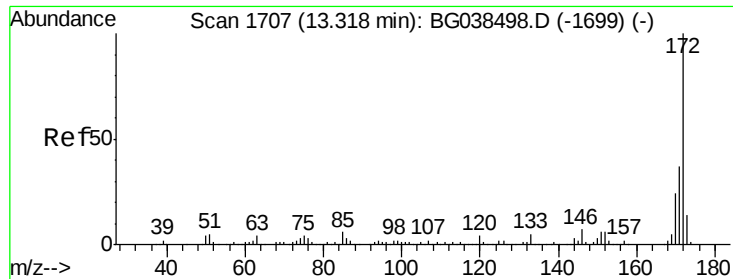


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

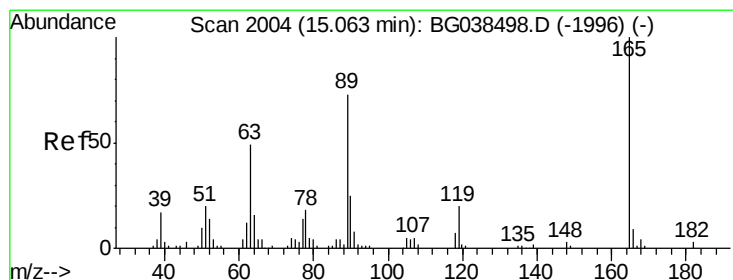
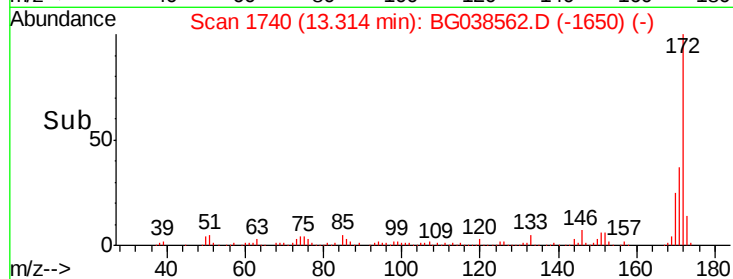
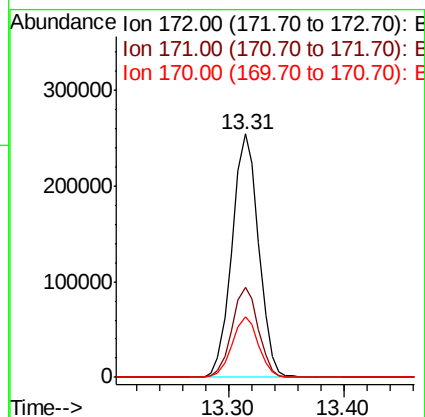
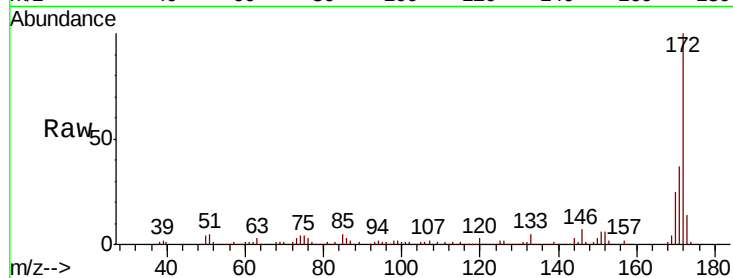




#45
2-Fluorobiphenyl
Concen: 97.263 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038562.D
Acq: 14 Dec 2018 10:26

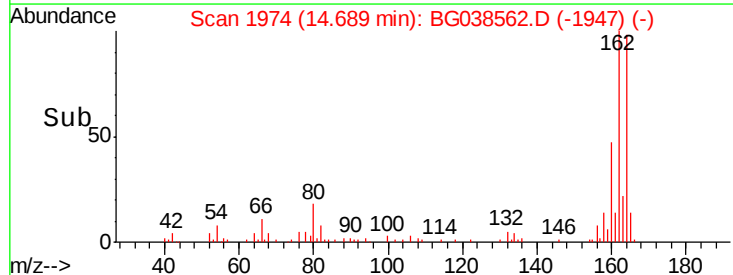
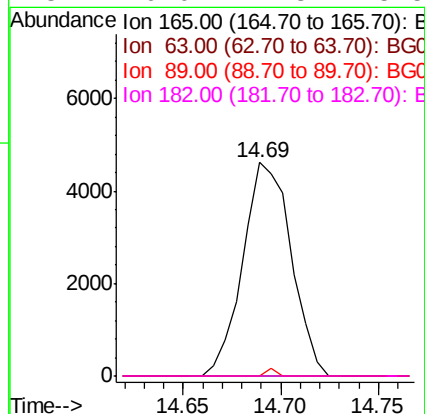
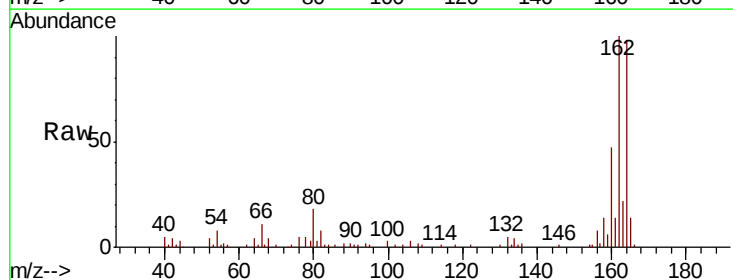
Instrument :
BNA_F
ClientSampleId :

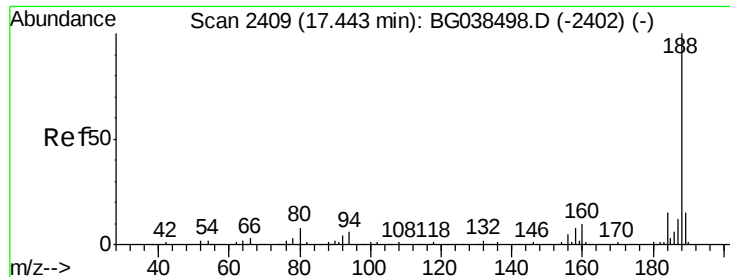
Tot Ion:172 Resp: 406366
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 25.0 19.5 29.3



#57
2,4-Dinitrotoluene
Concen: 5.292 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.37 min
Lab File: BG038562.D
Acq: 14 Dec 2018 10:26

Tgt Ion:165 Resp: 7906
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#

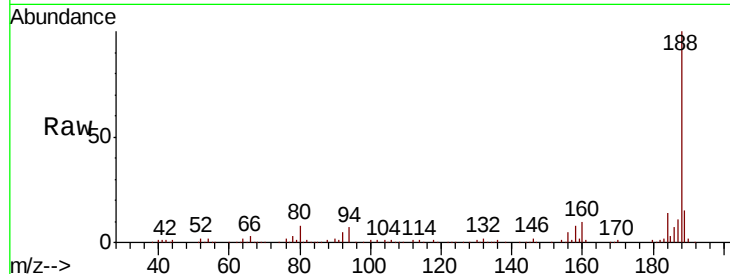




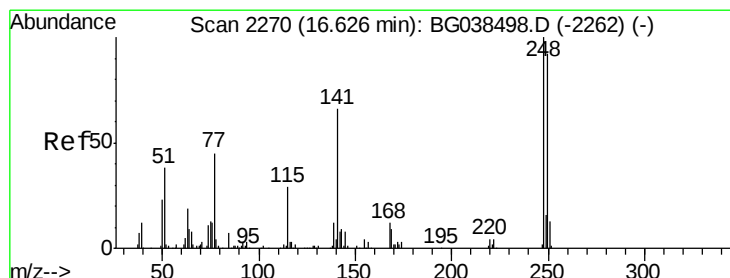
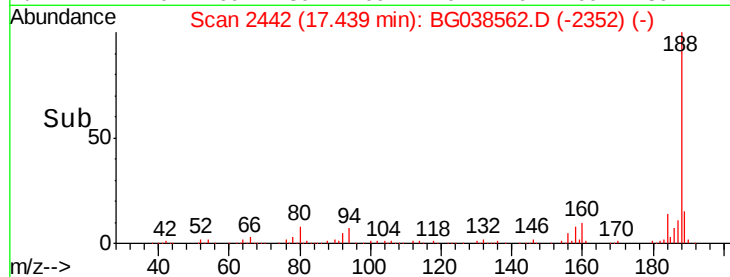
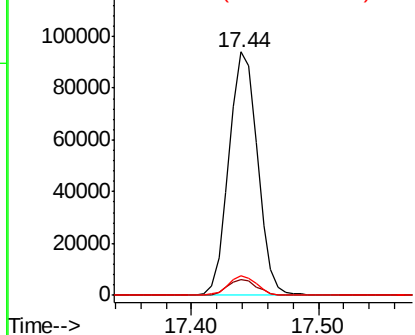
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG038562.D
 Acq: 14 Dec 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 147214
 Ion Ratio Lower Upper
 188 100
 94 6.7 5.1 7.7
 80 8.2 6.1 9.1

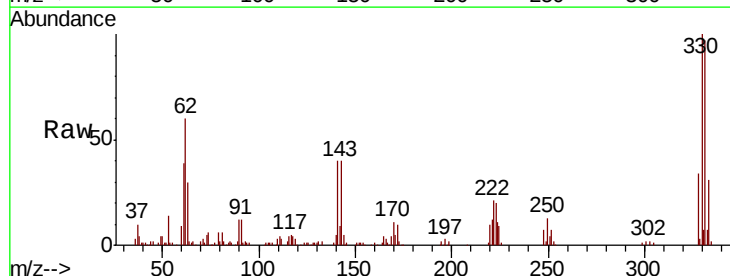


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

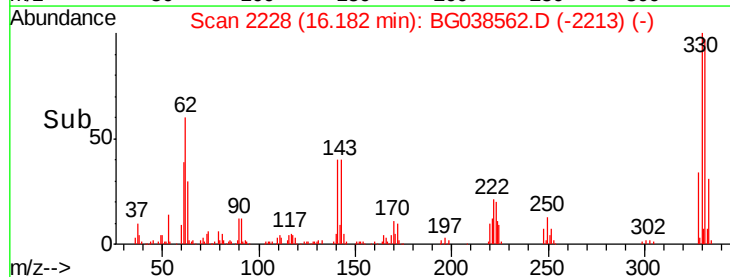
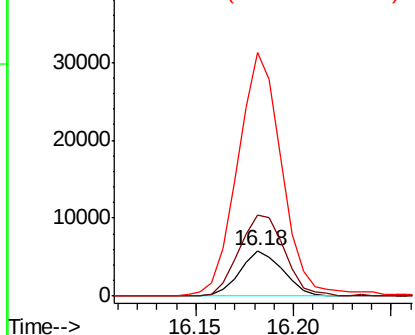


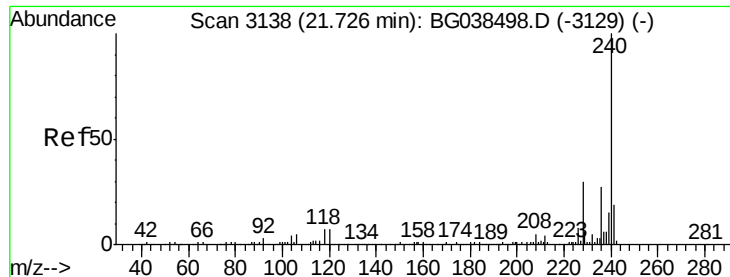
#67
 4-Bromophenyl-phenylether
 Concen: 4.985 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.44 min
 Lab File: BG038562.D
 Acq: 14 Dec 2018 10:26

Tgt Ion:248 Resp: 8963
 Ion Ratio Lower Upper
 248 100
 250 178.9 73.4 110.2#
 141 410.8 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

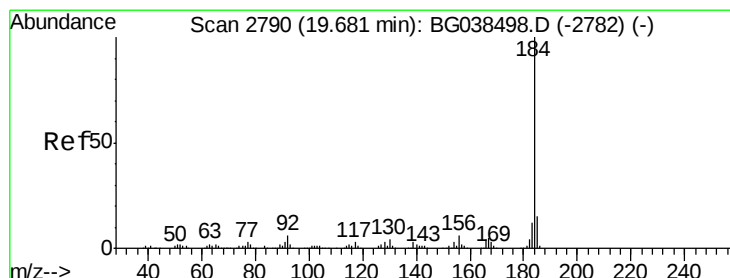
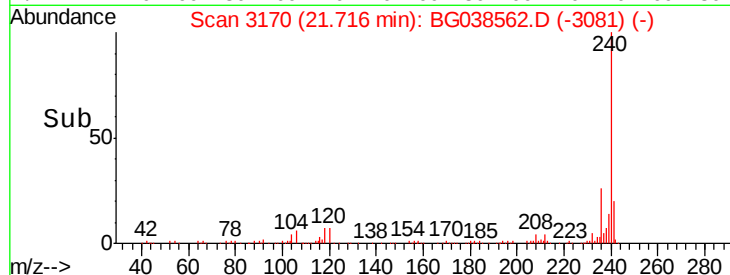
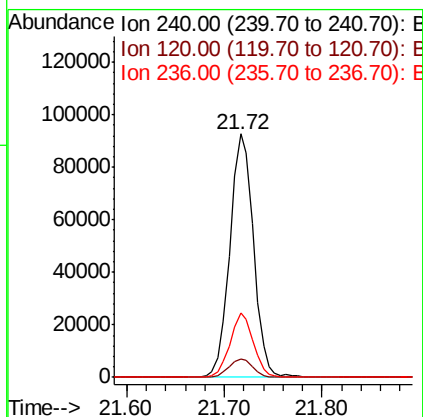
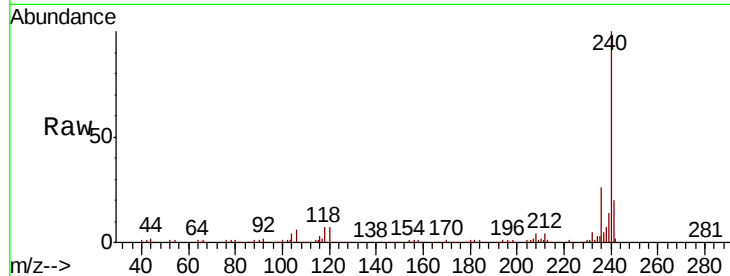




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038562.D
Acq: 14 Dec 2018 10:26

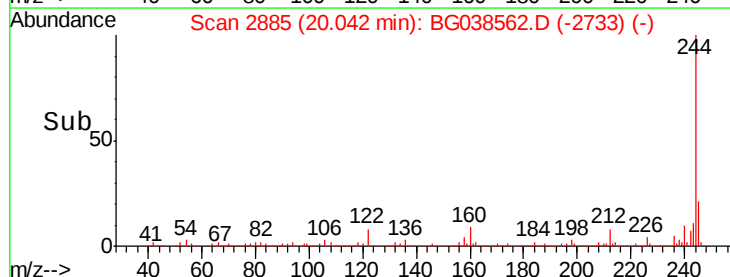
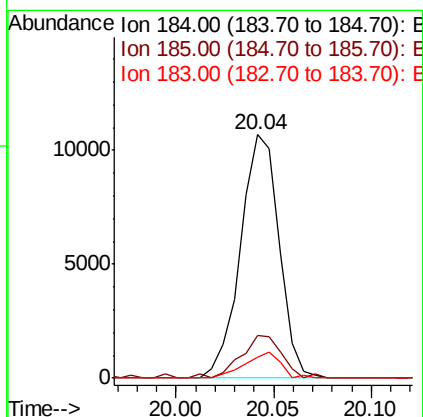
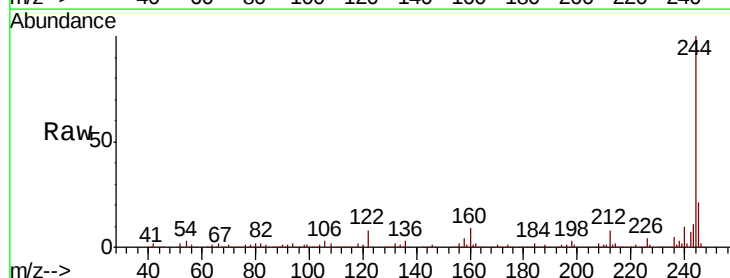
Instrument :
BNA_F
ClientSampleId :

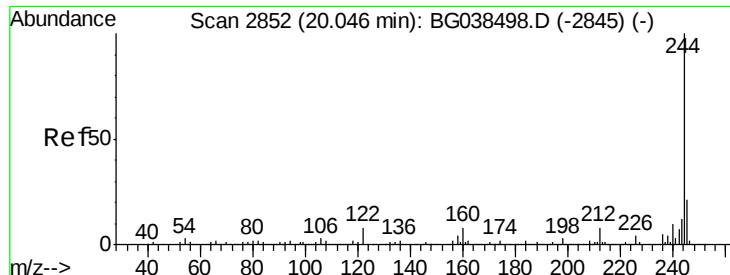
Tot Ion:240 Resp: 155434
Ion Ratio Lower Upper
240 100
120 7.5 5.3 7.9
236 26.4 21.4 32.2



#77
Benzidine
Concen: 3.190 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038562.D
Acq: 14 Dec 2018 10:26

Tgt Ion:184 Resp: 14664
Ion Ratio Lower Upper
184 100
185 17.6 12.2 18.2
183 8.5 9.6 14.4#





#79

Terphenyl-d14

Concen: 109.646 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038562.D

Acq: 14 Dec 2018 10:26

Instrument :

BNA_F

ClientSampleId :

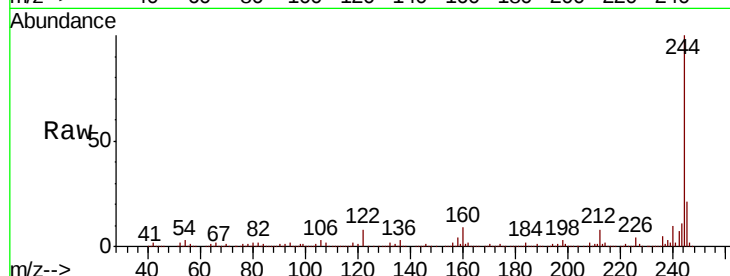
Tot Ion:244 Resp: 783095

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

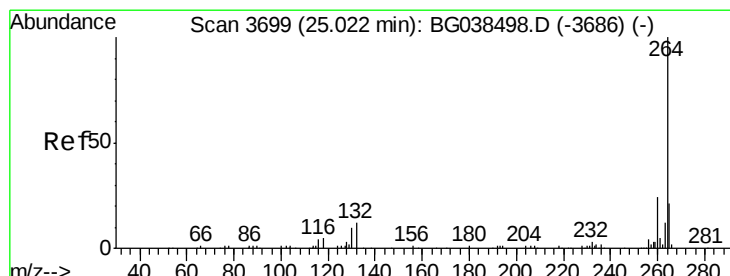
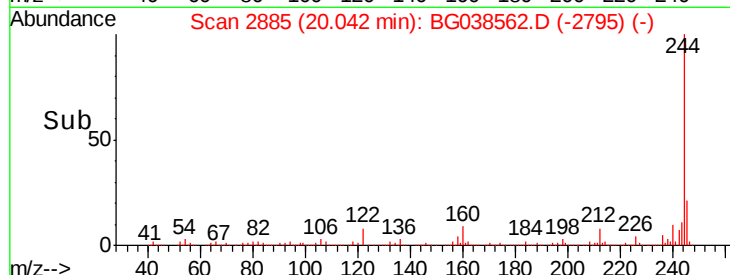
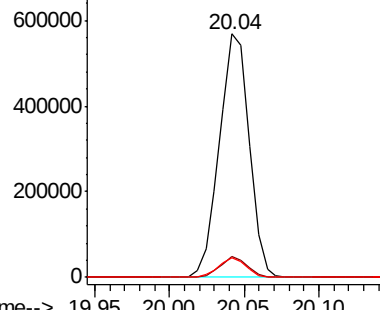
122 8.2 6.3 9.5



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: BG038562.D

Acq: 14 Dec 2018 10:26

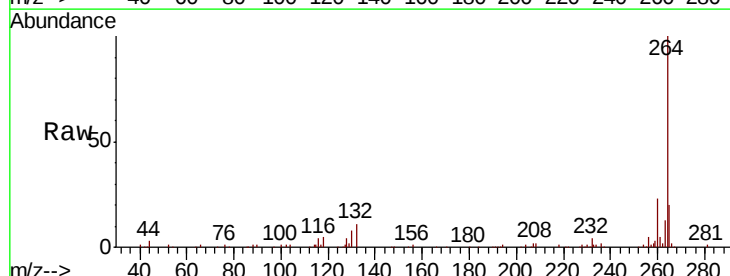
Tgt Ion:264 Resp: 173835

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 20.3 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

