

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038867.D
 Acq On : 28 Dec 2018 8:23
 Operator : JU/SJ
 Sample : J6505-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 14:18:38 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

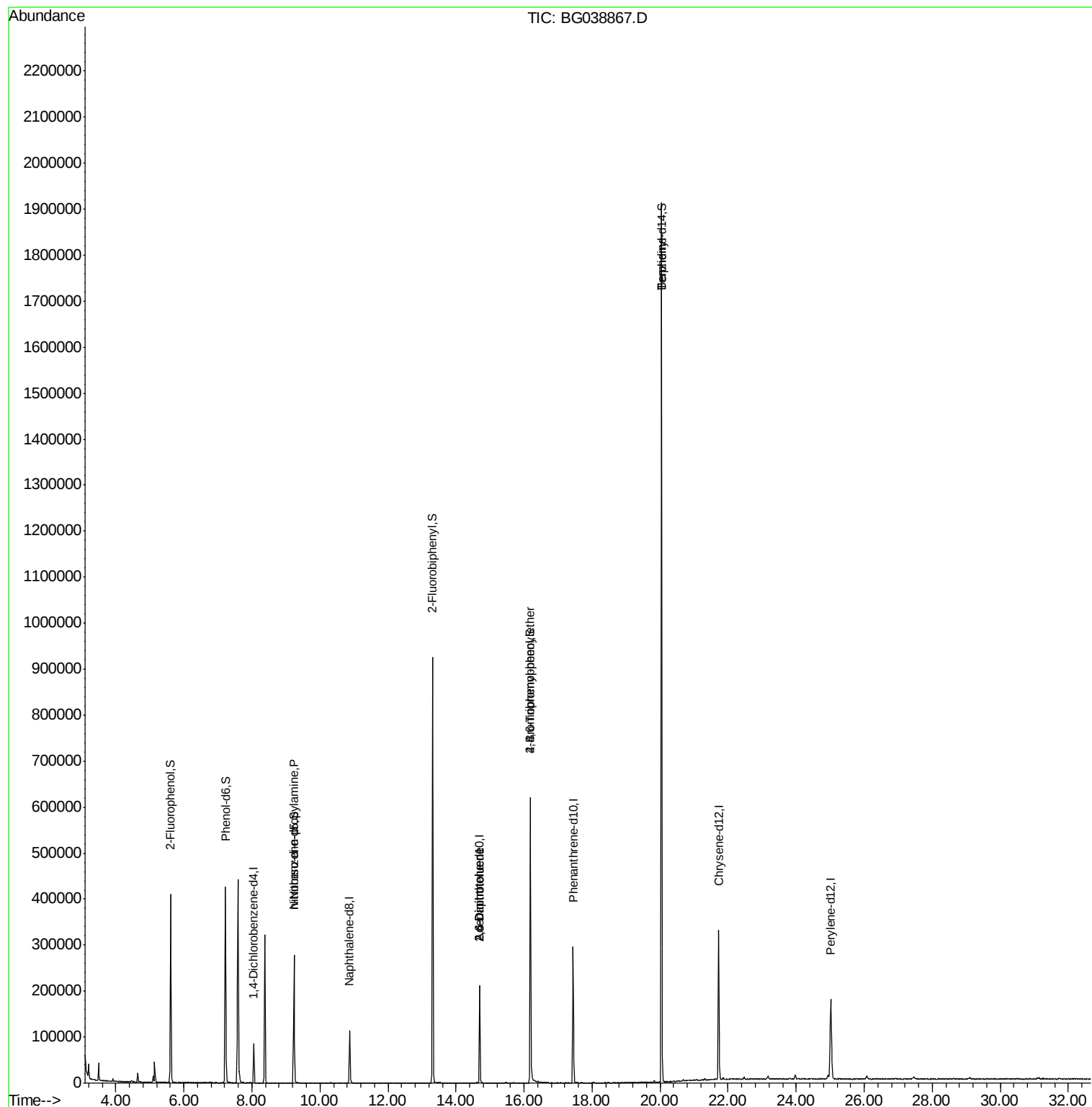
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23774	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	102573	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	81816	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	198793	20.00	ng	0.00
76) Chrysene-d12	21.72	240	211848	20.00	ng	0.00
87) Perylene-d12	25.02	264	221264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	175861	131.20	ng	0.00
7) Phenol-d6	7.22	99	239753	130.29	ng	0.01
23) Nitrobenzene-d5	9.23	82	169320	84.33	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	143194	126.99	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	496291	83.22	ng	0.00
79) Terphenyl-d14	20.04	244	944712	97.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	22100	17.100	ng	# 72
51) 2,6-Dinitrotoluene	14.69	165	10227	6.754	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	10227	4.796	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	8599	3.542	ng	# 1
77) Benzidine	20.04	184	15804	2.523	ng	# 89

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038867.D
Acq On : 28 Dec 2018 8:23
Operator : JU/SJ
Sample : J6505-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 28 14:18:38 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



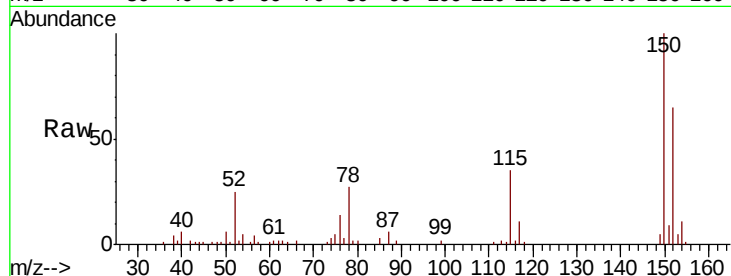


#1

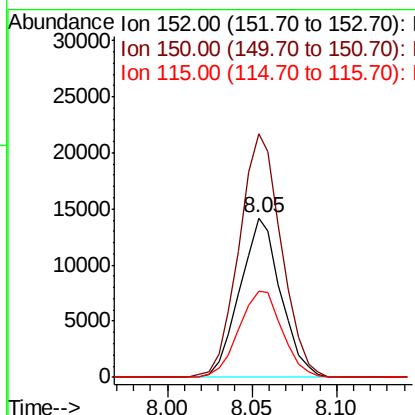
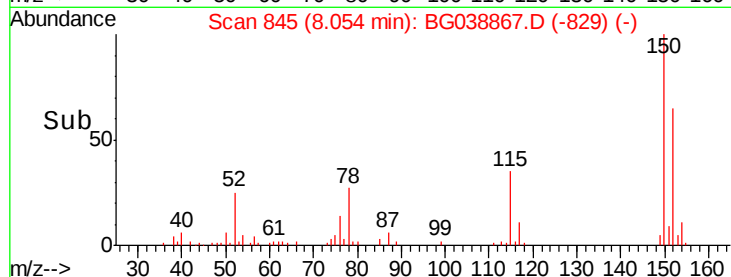
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038867.D
Acq: 28 Dec 2018 8:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 23774
Ion Ratio Lower Upper
152 100
150 152.9 119.5 179.3
115 53.9 49.6 74.4



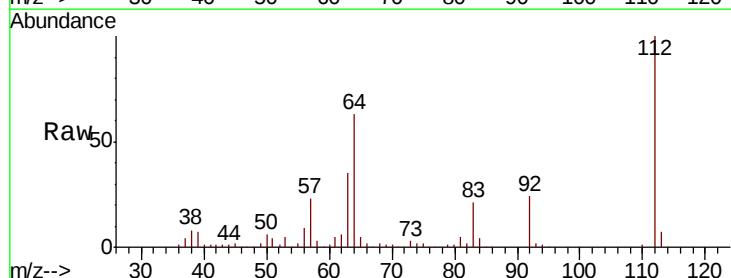
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



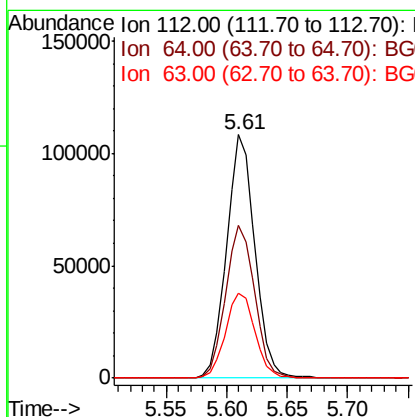
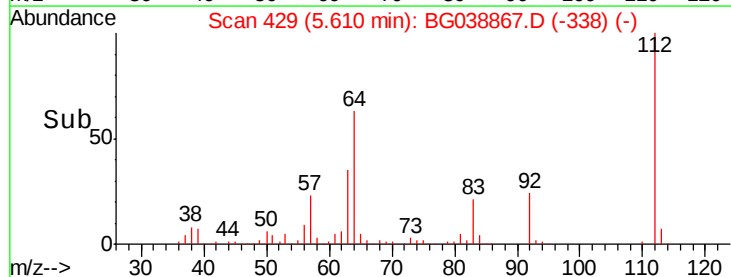
#5

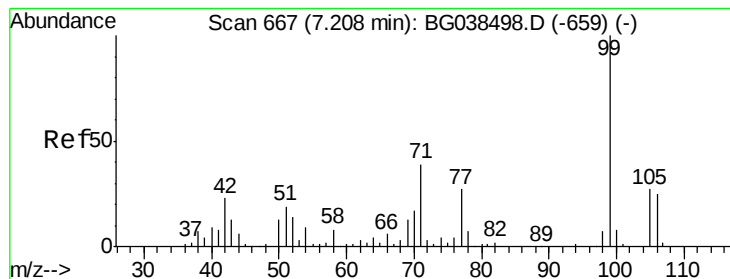
2-Fluorophenol
Concen: 131.201 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038867.D
Acq: 28 Dec 2018 8:23

Tgt Ion:112 Resp: 175861
Ion Ratio Lower Upper
112 100
64 62.8 53.4 80.2
63 34.8 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: 130.293 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038867.D

Acq: 28 Dec 2018 8:23

Instrument :

BNA_F

ClientSampleId :

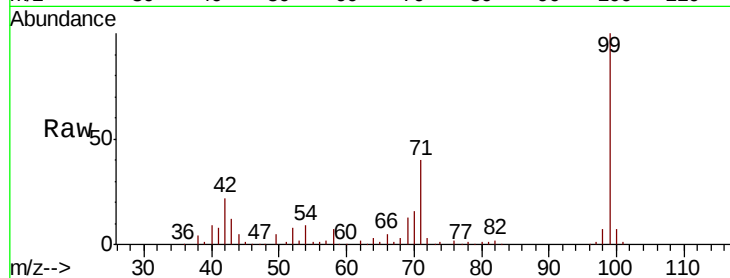
Tot Ion: 99 Resp: 239753

Ion Ratio Lower Upper

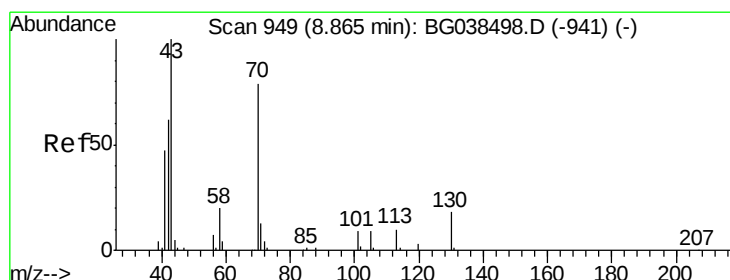
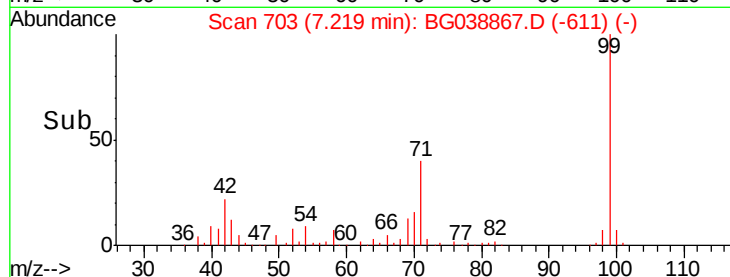
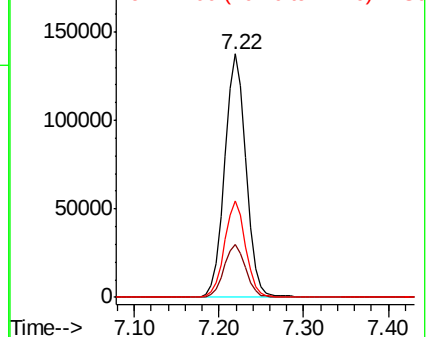
99 100

42 21.6 18.5 27.7

71 39.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.100 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.36 min

Lab File: BG038867.D

Acq: 28 Dec 2018 8:23

Tgt Ion: 70 Resp: 22100

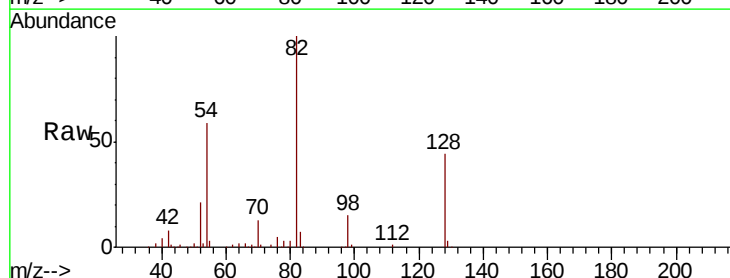
Ion Ratio Lower Upper

70 100

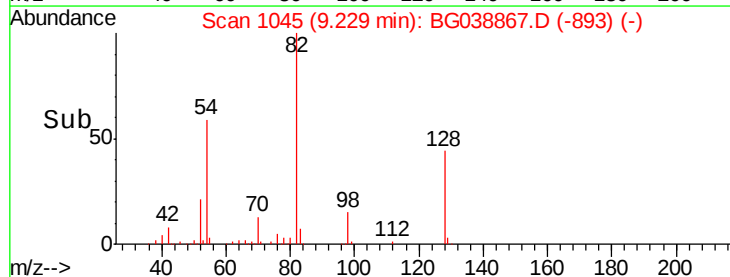
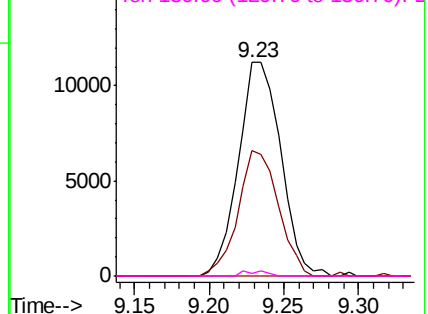
42 58.9 63.6 95.4#

101 0.0 9.2 13.8#

130 1.5 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

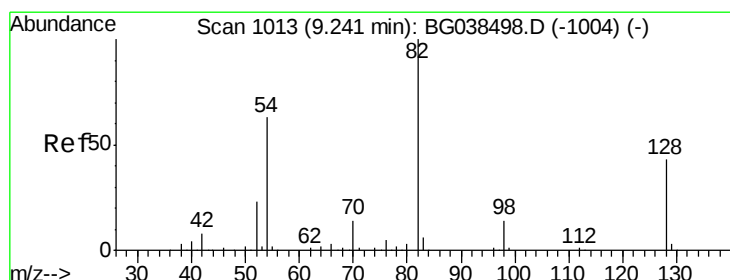
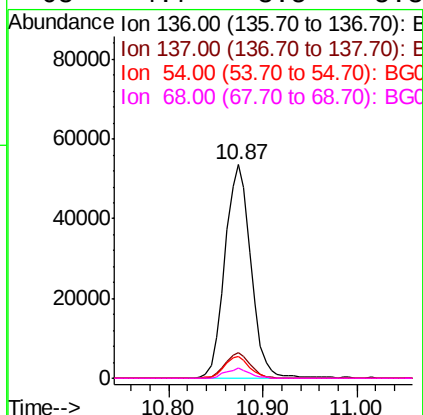
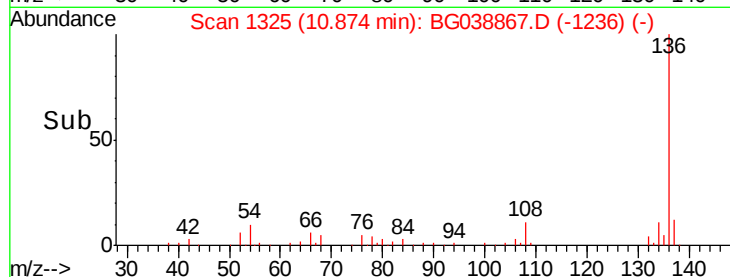
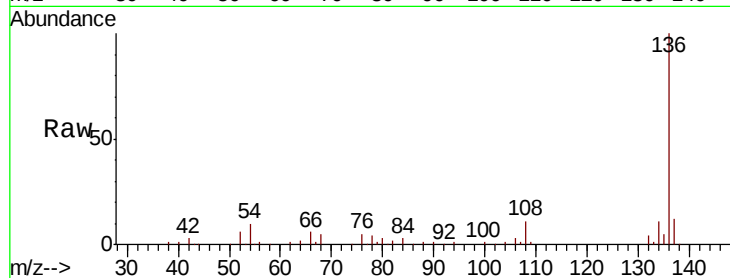




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038867.D
Acq: 28 Dec 2018 8:23

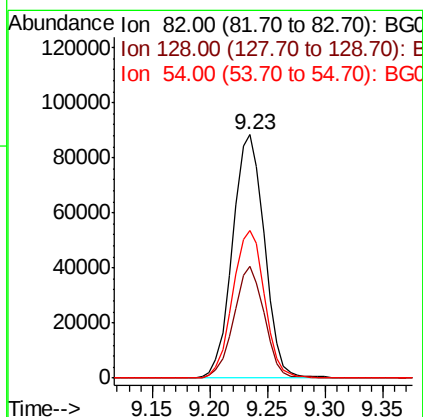
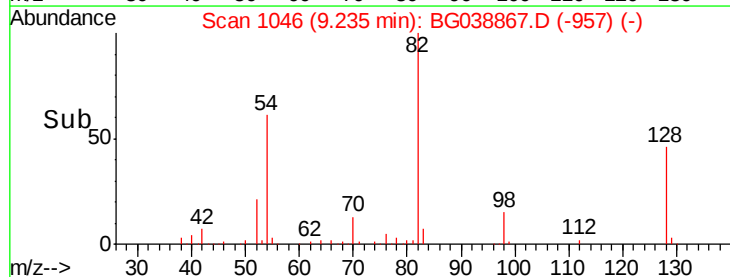
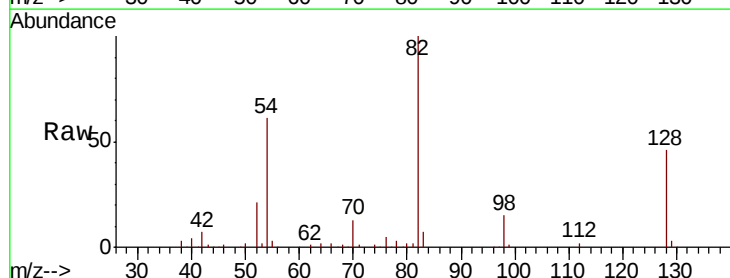
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	102573
Ion	Ratio	Lower Upper
136	100	
137	11.9	9.3 13.9
54	10.3	8.5 12.7
68	4.7	3.5 5.3



#23
Nitrobenzene-d5
Concen: 84.331 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038867.D
Acq: 28 Dec 2018 8:23

Tgt Ion: 82	Resp:	169320
Ion	Ratio	Lower Upper
82	100	
128	45.9	34.6 52.0
54	60.6	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: BG038867.D

Acq: 28 Dec 2018 8:23

Instrument :

BNA_F

ClientSampleId :

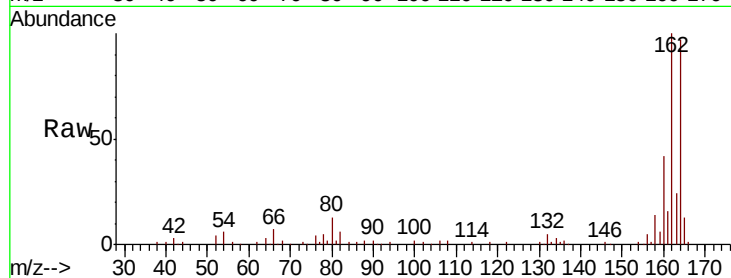
Tot Ion:164 Resp: 81816

Ion Ratio Lower Upper

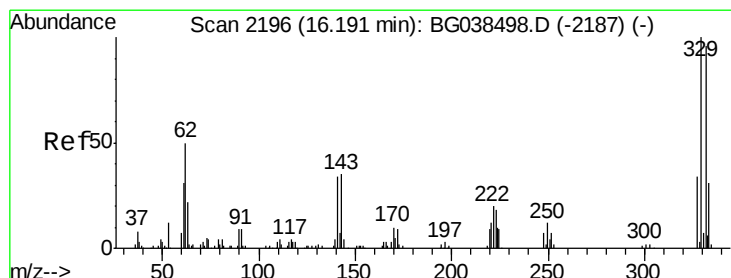
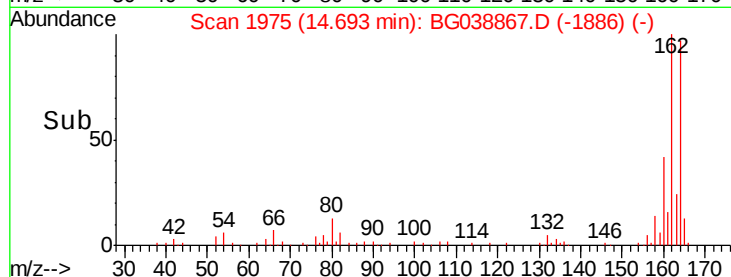
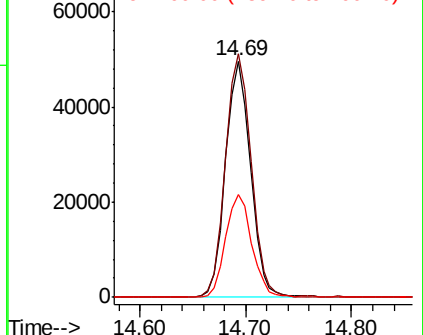
164 100

162 103.2 86.6 130.0

160 43.4 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: 126.993 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038867.D

Acq: 28 Dec 2018 8:23

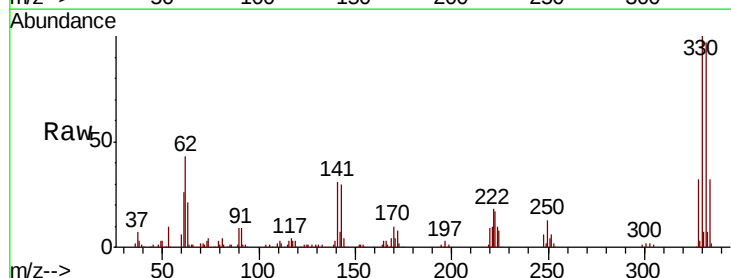
Tgt Ion:330 Resp: 143194

Ion Ratio Lower Upper

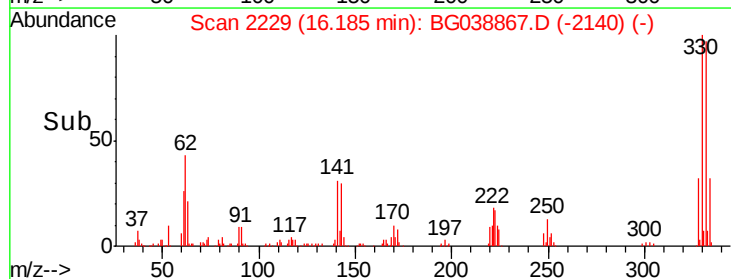
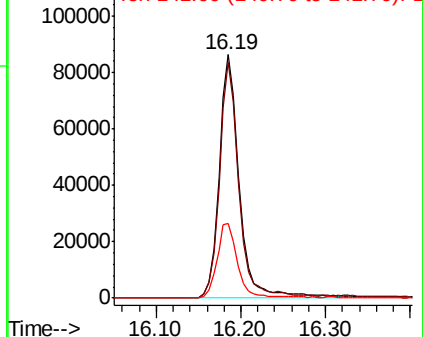
330 100

332 94.3 76.9 115.3

141 31.6 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

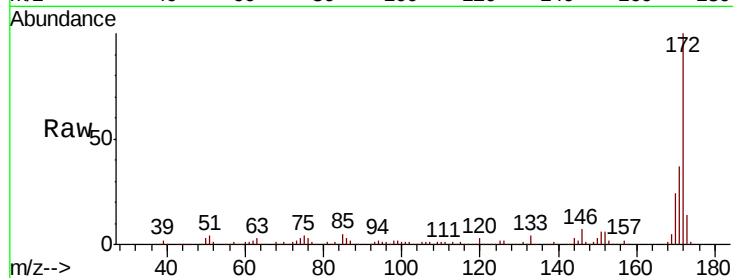




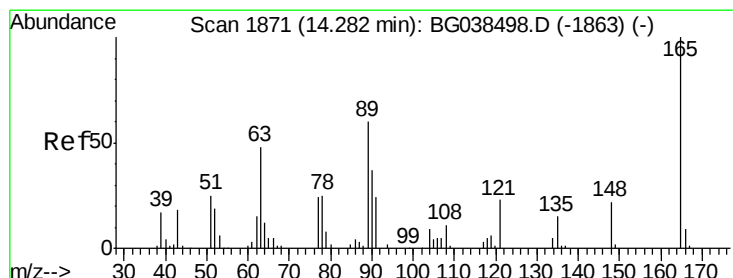
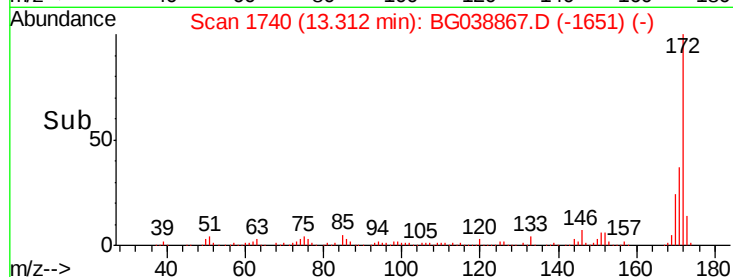
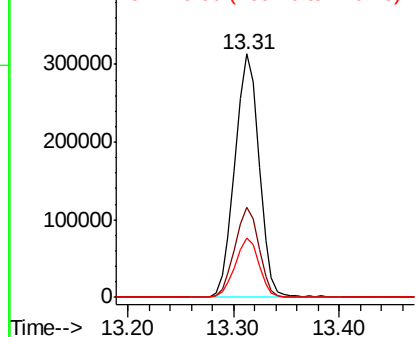
#45
 2-Fluorobiphenyl
 Concen: 83.216 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038867.D
 Acq: 28 Dec 2018 8:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 496291
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 24.5 19.5 29.3

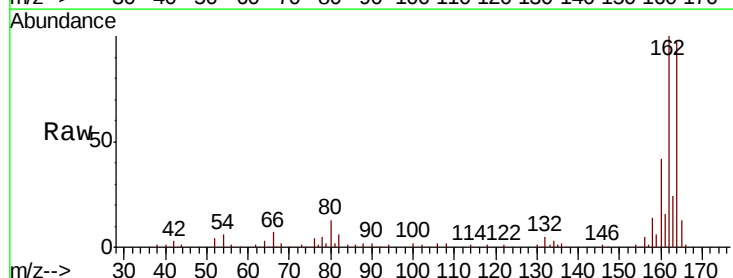


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

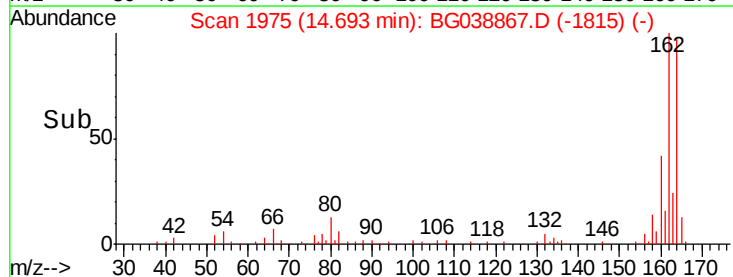
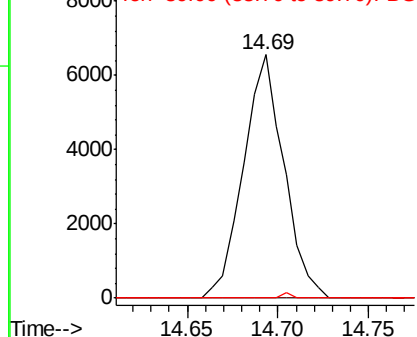


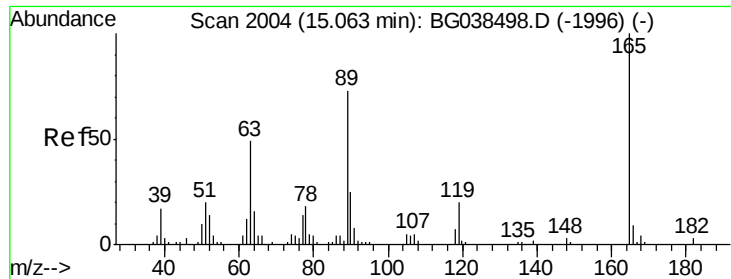
#51
 2,6-Dinitrotoluene
 Concen: 6.754 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038867.D
 Acq: 28 Dec 2018 8:23

Tgt Ion:165 Resp: 10227
 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): BG
 Ion 89.00 (88.70 to 89.70): BG

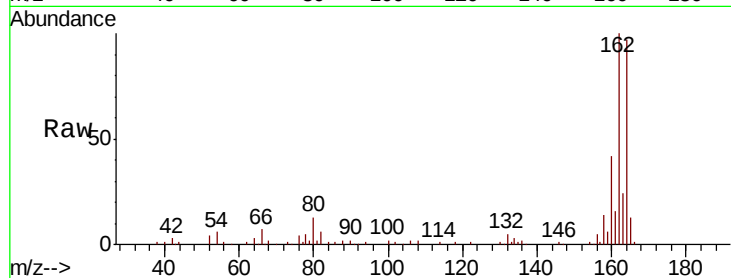




#57
2,4-Dinitrotoluene
Concen: 4.796 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038867.D
Acq: 28 Dec 2018 8:23

Instrument :
BNA_F
ClientSampleId :

Tot 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#



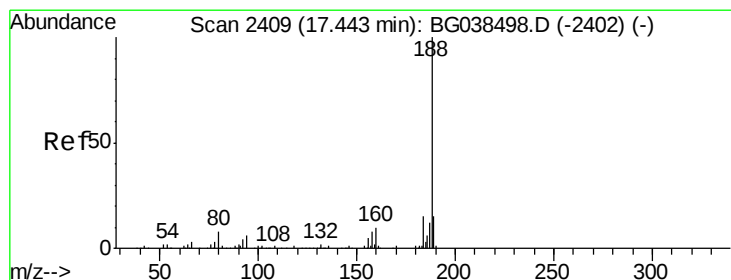
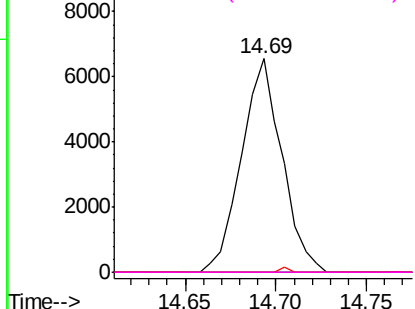
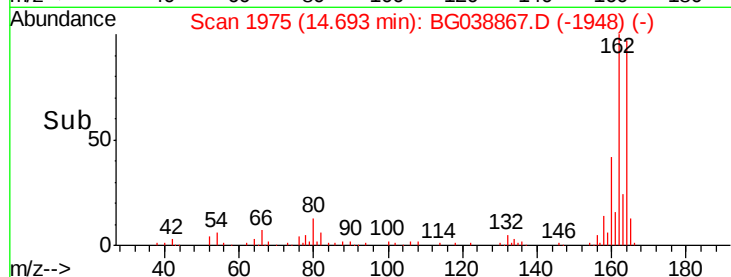
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

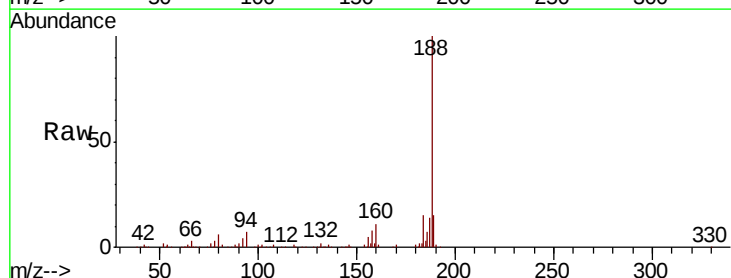
Ion 89.00 (88.70 to 89.70): BGC

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: BG038867.D
Acq: 28 Dec 2018 8:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.1	7.7
80	6.3	6.1	9.1

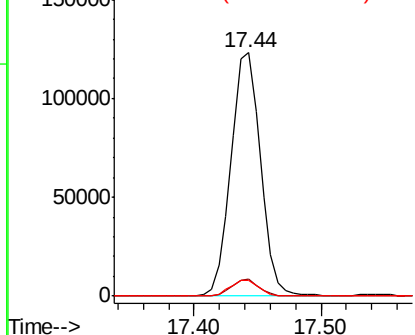
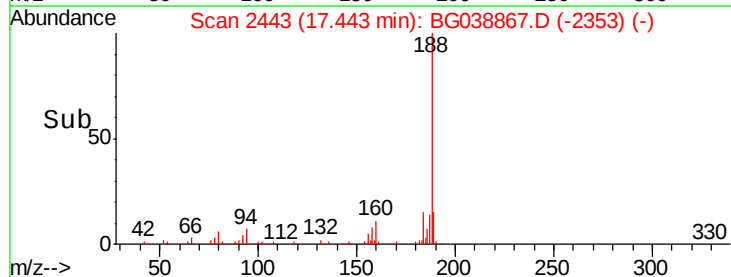


Abundance

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

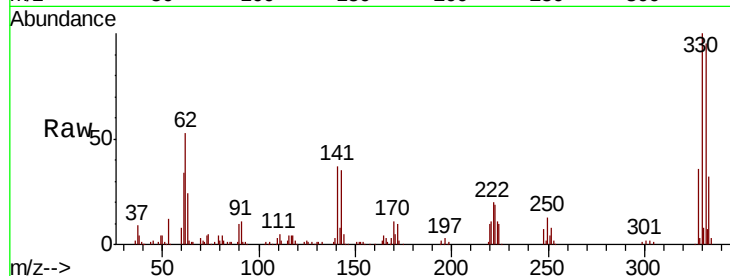




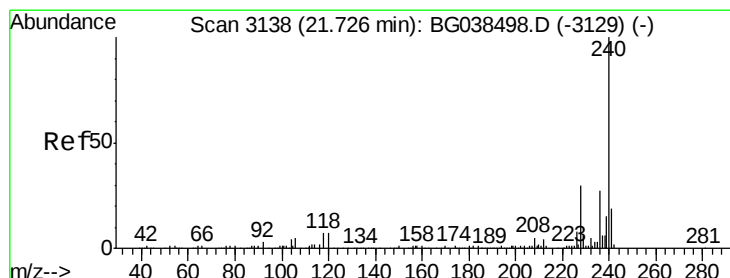
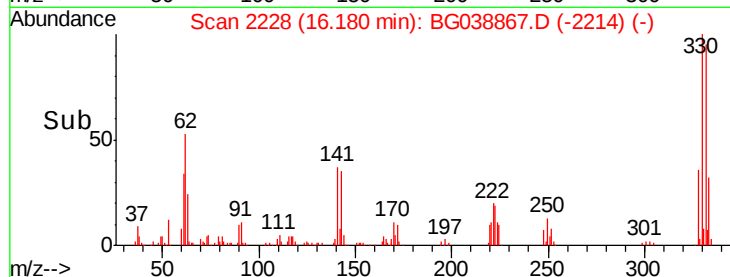
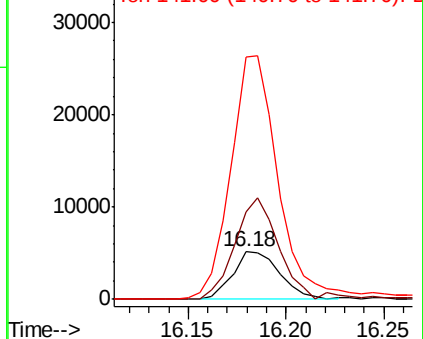
#67
4-Bromophenyl-phenylether
Concen: 3.542 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.45 min
Lab File: BG038867.D
Acq: 28 Dec 2018 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8599
Ion Ratio Lower Upper
248 100
250 145.3 73.4 110.2#
141 405.2 52.9 79.3#

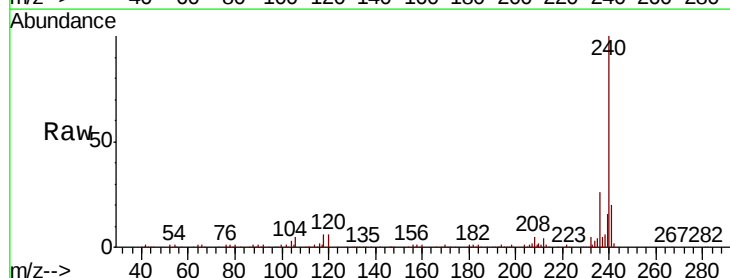


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

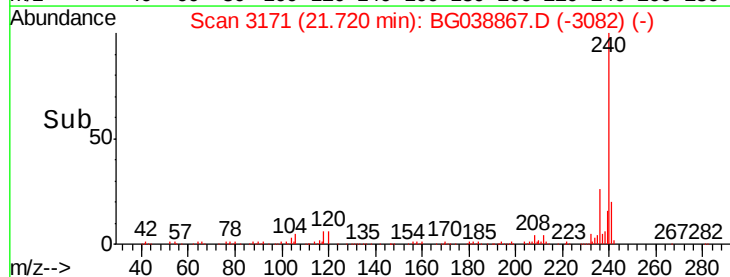
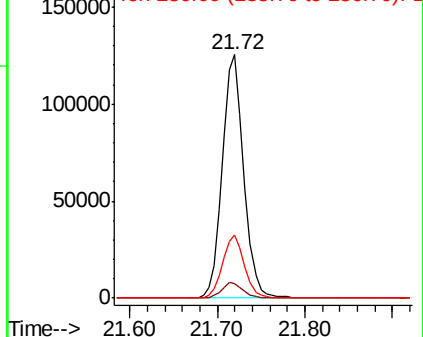


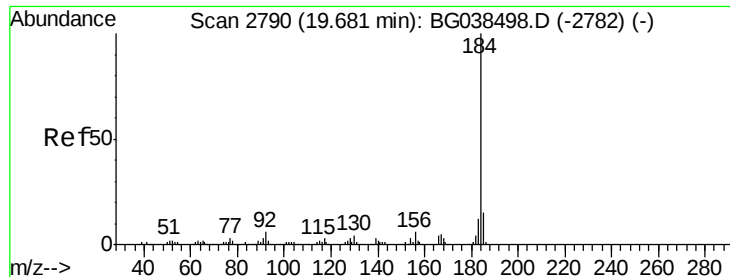
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038867.D
Acq: 28 Dec 2018 8:23

Tgt Ion:240 Resp: 211848
Ion Ratio Lower Upper
240 100
120 5.8 5.3 7.9
236 25.8 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: 2.523 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.36 min

Lab File: BG038867.D

Acq: 28 Dec 2018 8:23

Instrument :

BNA_F

ClientSampleId :

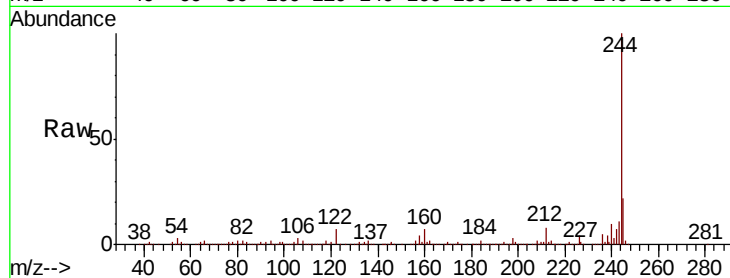
Tot Ion:184 Resp: 15804

Ion Ratio Lower Upper

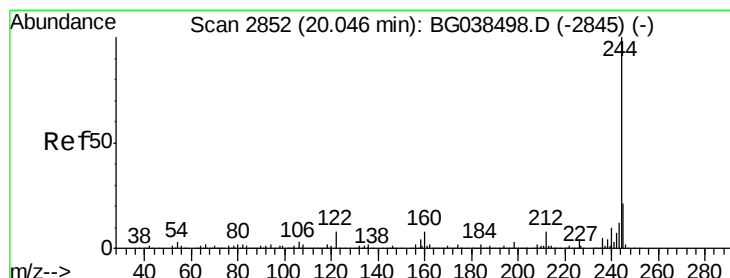
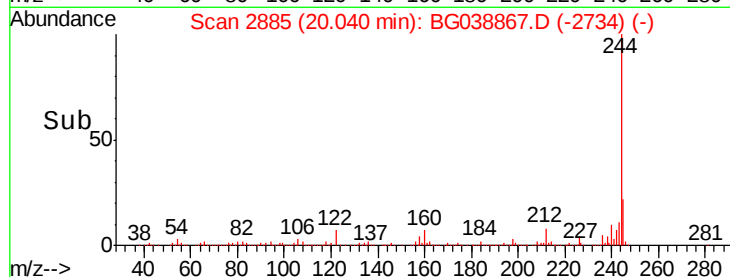
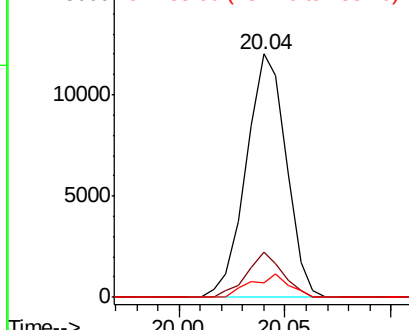
184 100

185 18.3 12.2 18.2#

183 6.1 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: 97.051 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038867.D

Acq: 28 Dec 2018 8:23

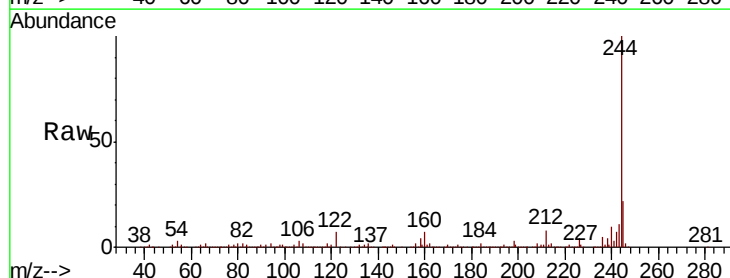
Tgt Ion:244 Resp: 944712

Ion Ratio Lower Upper

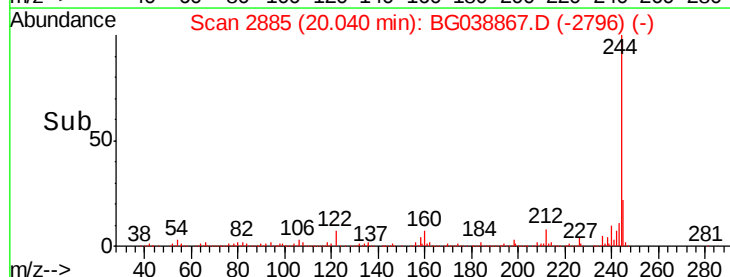
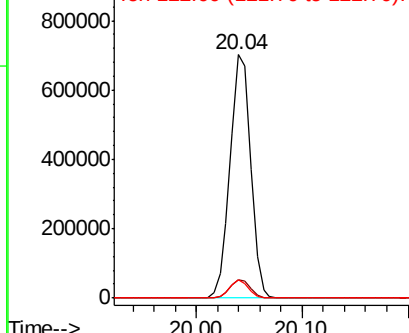
244 100

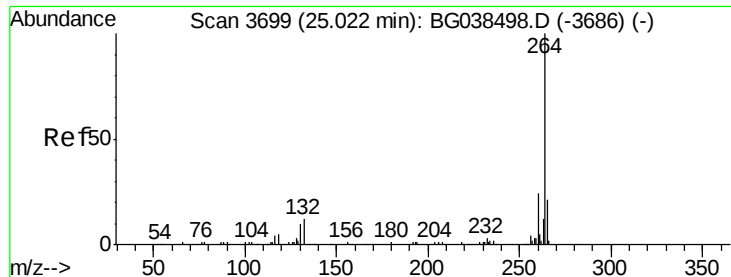
212 7.6 6.2 9.2

122 7.4 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3733
 Delta R.T. 0.00 min
 Lab File: BG038867.D
 Acq: 28 Dec 2018 8:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.9	17.0	25.4

