

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038430.D
 Acq On : 8 Dec 2018 9:55
 Operator : JU/SJ
 Sample : J6019-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Quant Time: Dec 10 02:52:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25915	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	183953	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	113997	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	180461	20.00	ng	0.00
76) Chrysene-d12	21.73	240	176301	20.00	ng	-0.02
87) Perylene-d12	25.04	264	183661	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	82946	56.64	ng	0.00
7) Phenol-d6	7.22	99	69865	33.01	ng	0.00
23) Nitrobenzene-d5	9.25	82	264285	71.33	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	163084	116.53	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	660862	82.60	ng	0.00
79) Terphenyl-d14	20.05	244	726982	88.34	ng	0.00

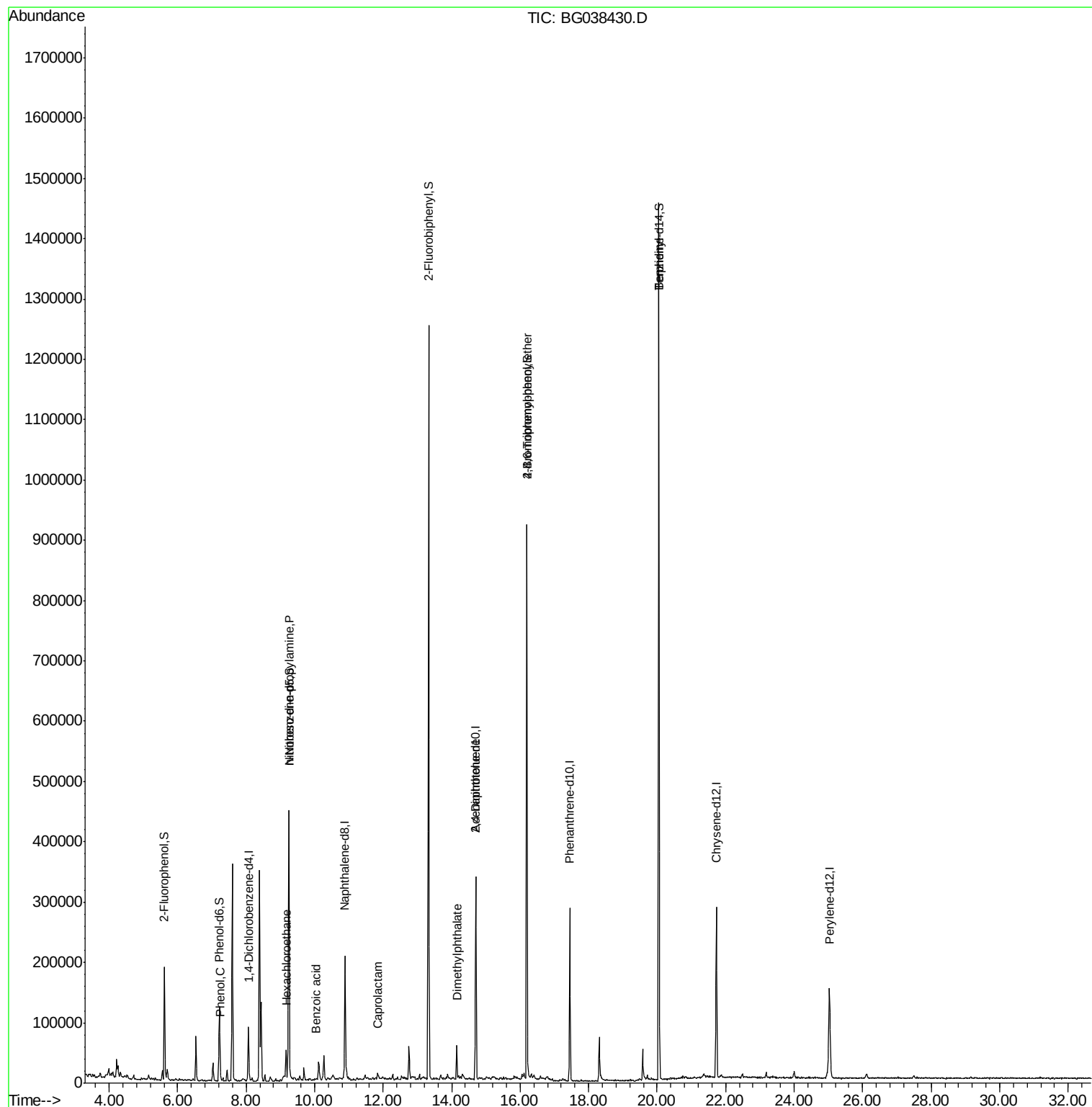
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.24	94	6342	2.836	ng	94
17) 2-Methylphenol	8.35	107	62	Below Cal	#	1
18) Hexachloroethane	9.17	117	6113	8.235	ng	1
19) n-Nitroso-di-n-propylamine	9.25	70	34660	21.428	ng	73
22) Acetophenone	8.86	105	2748	Below Cal	#	66
32) Benzoic acid	10.05	122	129	4.822	ng	25
35) Caprolactam	11.83	113	2737	2.314	ng	94
50) Dimethylphthalate	14.15	163	40231	4.400	ng	99
57) 2,4-Dinitrotoluene	14.71	165	14342	4.979	ng	27
67) 4-Bromophenyl-phenylether	16.19	248	12127	6.223	ng	1
77) Benzidine	20.05	184	13272	2.231	ng	94

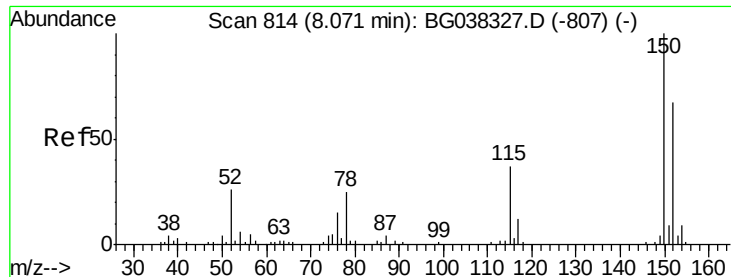
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
Data File : BG038430.D
Acq On : 8 Dec 2018 9:55
Operator : JU/SJ
Sample : J6019-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-7

Quant Time: Dec 10 02:52:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration



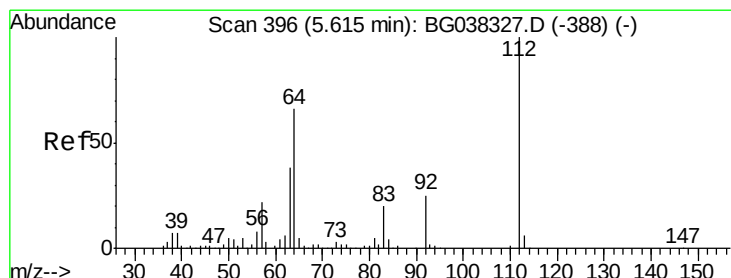
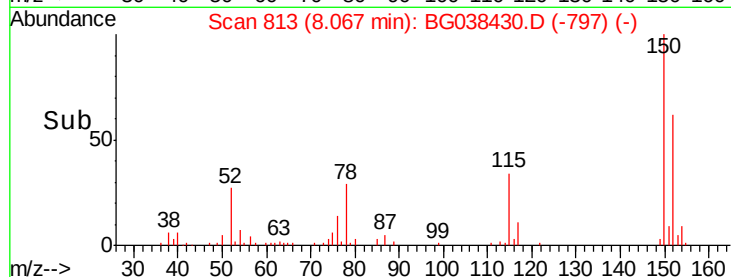
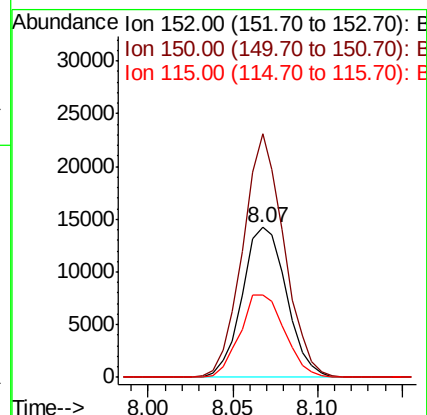
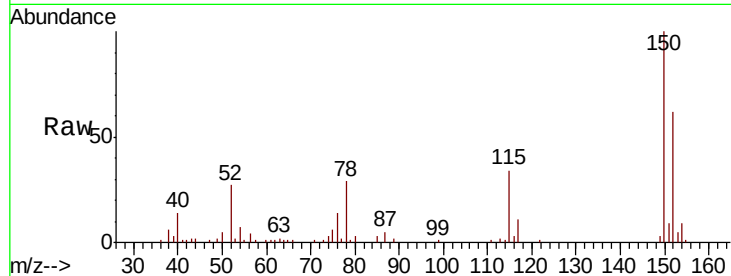


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038430.D
Acq: 8 Dec 2018 9:55

Instrument :
BNA_G
ClientSampleId :
MW-7

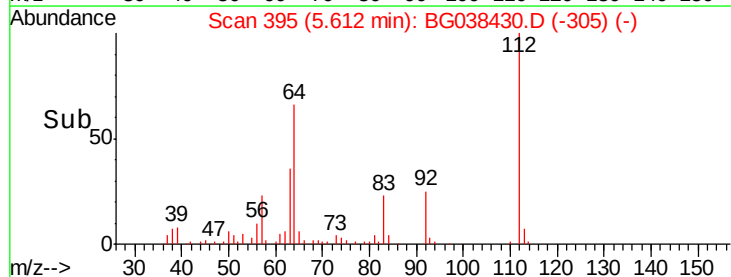
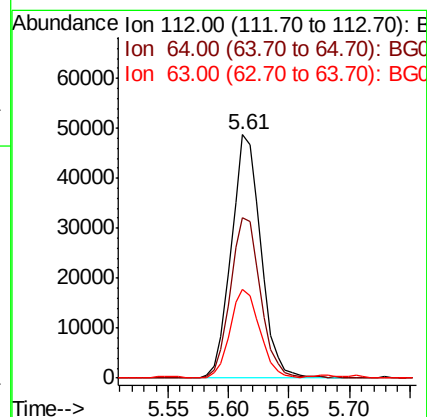
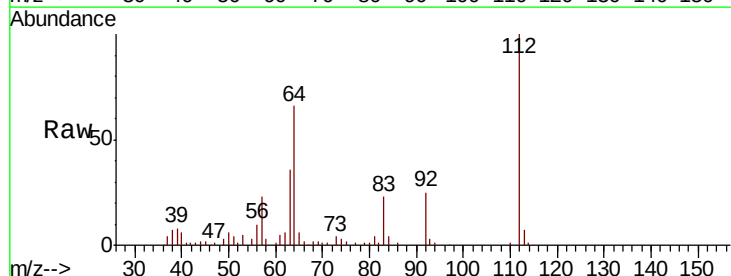
Tgt Ion:152 Resp: 25915
Ion Ratio Lower Upper
152 100
150 162.4 126.0 189.0
115 55.1 45.5 68.3

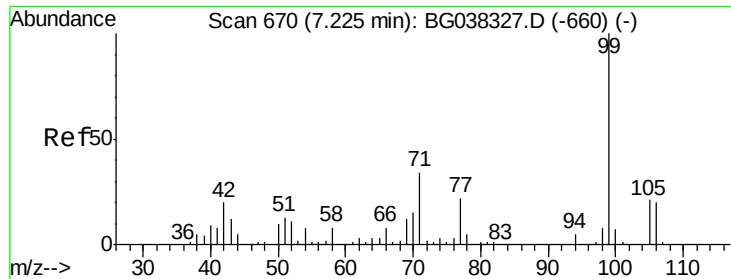


#5

2-Fluorophenol
Concen: 56.641 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG038430.D
Acq: 8 Dec 2018 9:55

Tgt Ion:112 Resp: 82946
Ion Ratio Lower Upper
112 100
64 66.0 53.1 79.7
63 36.3 27.3 40.9





#7

Phenol-d6

Concen: 33.008 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038430.D

Acq: 8 Dec 2018 9:55

Instrument :

BNA_G

ClientSampleId :

MW-7

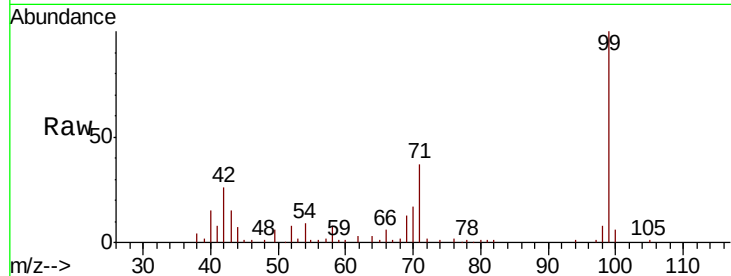
Tgt Ion: 99 Resp: 69865

Ion Ratio Lower Upper

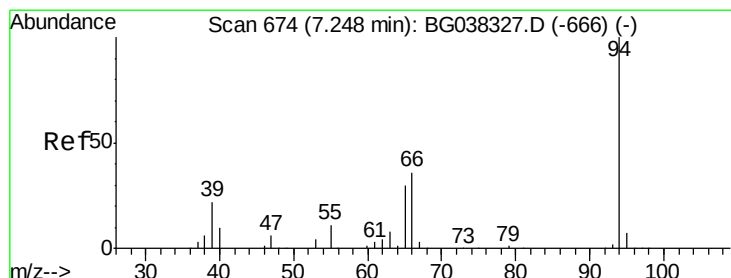
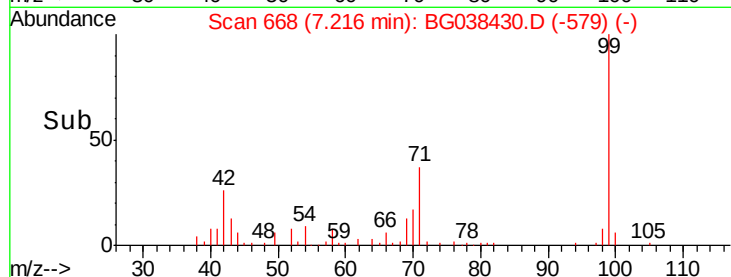
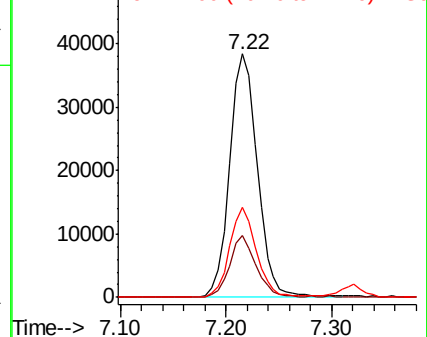
99 100

42 25.6 15.0 22.4#

71 37.0 25.5 38.3



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



#10

Phenol

Concen: 2.836 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG038430.D

Acq: 8 Dec 2018 9:55

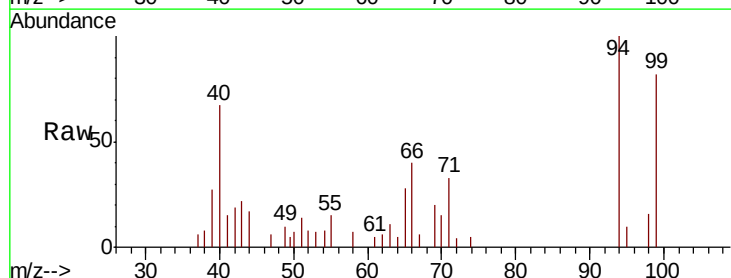
Tgt Ion: 94 Resp: 6342

Ion Ratio Lower Upper

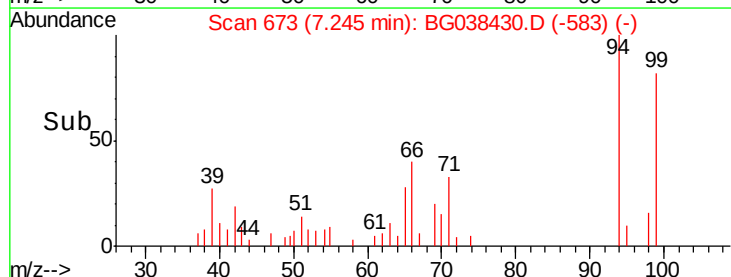
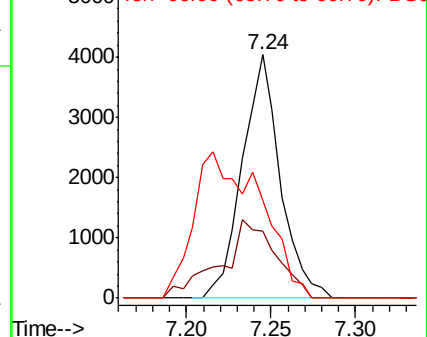
94 100

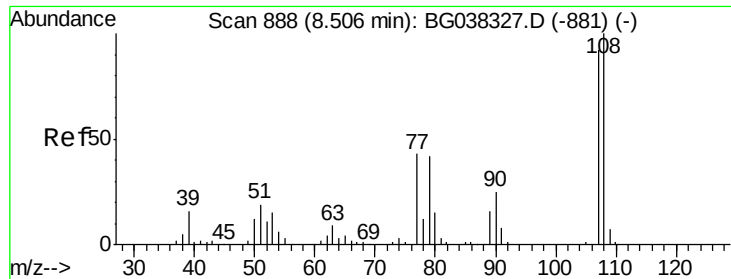
65 27.8 9.7 49.7

66 40.1 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#17

2-Methylphenol

Concen: Below Cal

RT: 8.35 min Scan# 861

Delta R.T. -0.16 min

Lab File: BG038430.D

Acq: 8 Dec 2018 9:55

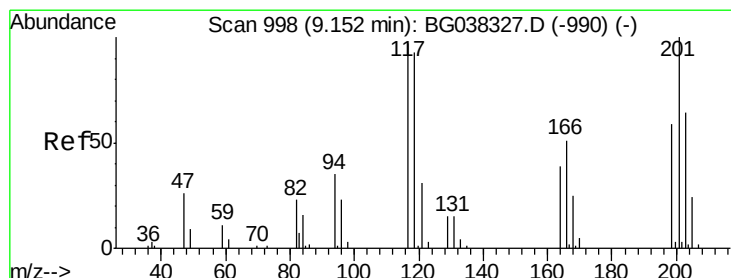
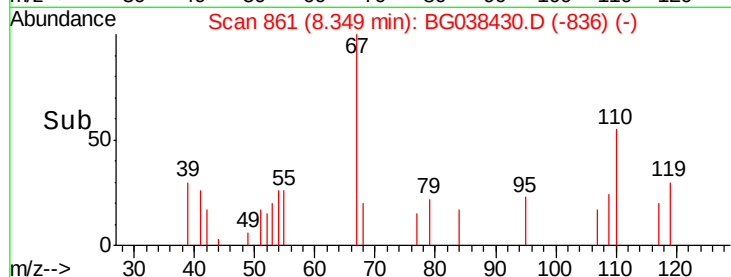
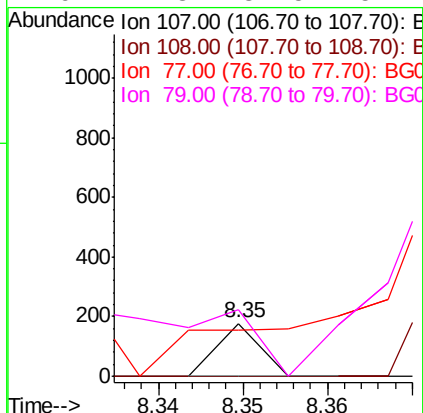
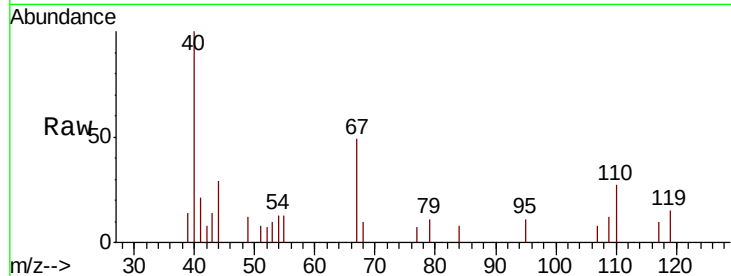
Instrument :

BNA_G

ClientSampleId :

MW-7

Tgt Ion:	107	Resp:	62
Ion	Ratio	Lower	Upper
107	100		
108	0.0	87.9	131.9#
77	88.1	35.1	52.7#
79	127.3	34.5	51.7#



#18

Hexachloroethane

Concen: 8.235 ng

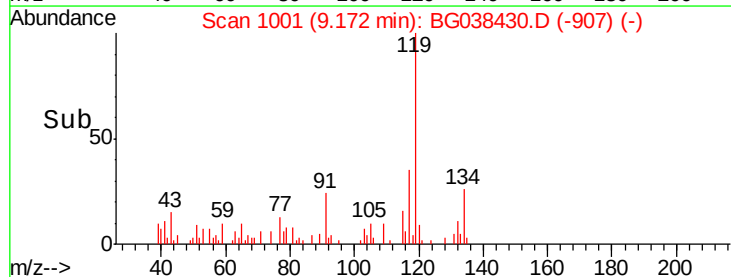
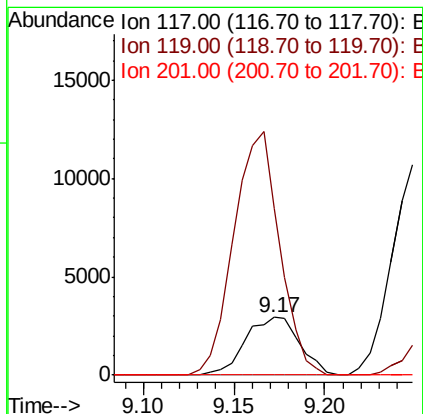
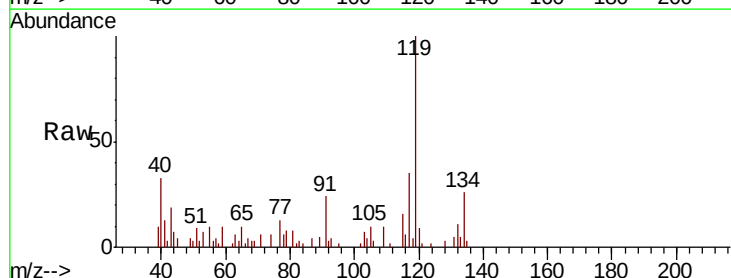
RT: 9.17 min Scan# 1001

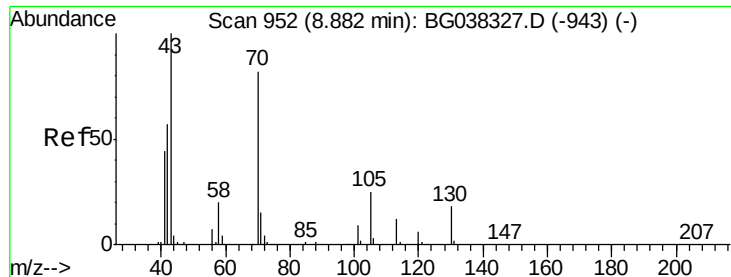
Delta R.T. 0.02 min

Lab File: BG038430.D

Acq: 8 Dec 2018 9:55

Tgt Ion:	117	Resp:	6113
Ion	Ratio	Lower	Upper
117	100		
119	289.2	74.6	111.8#
201	0.0	80.8	121.2#

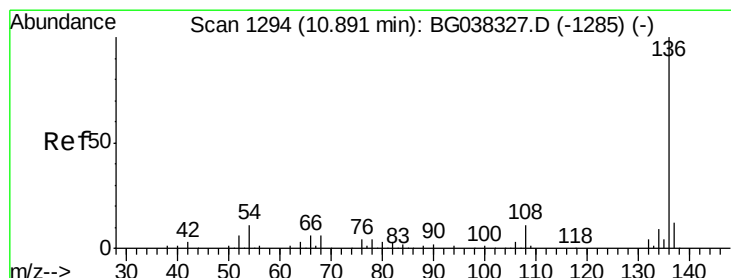
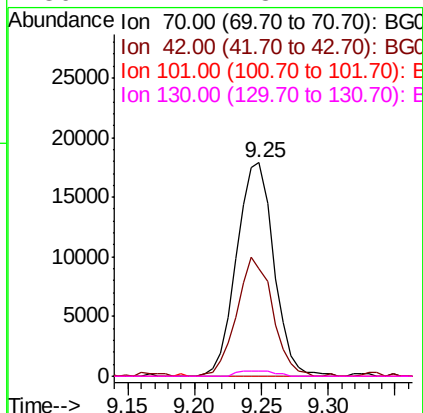
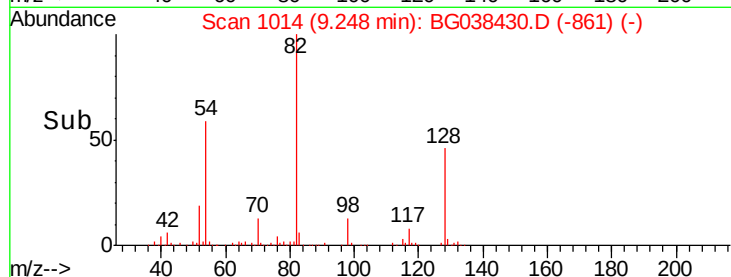
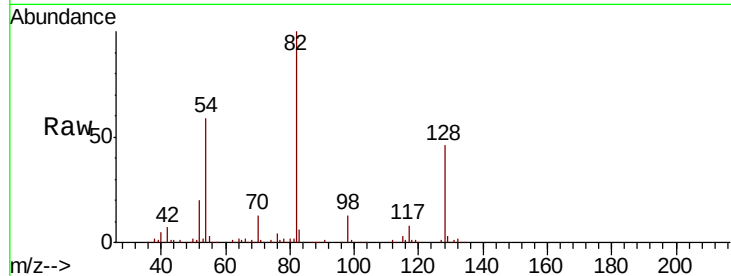




#19
n-Nitroso-di-n-propylamine
Concen: 21.428 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.37 min
Lab File: BG038430.D
Acq: 8 Dec 2018 9:55

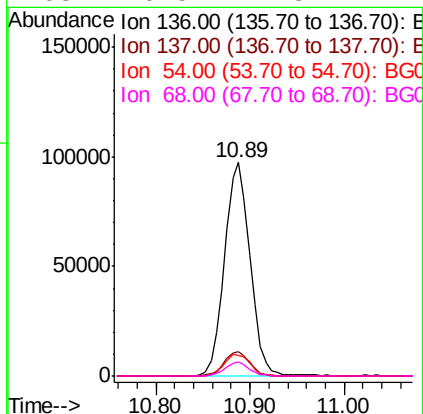
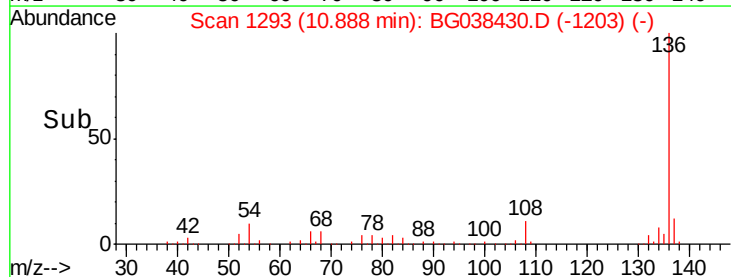
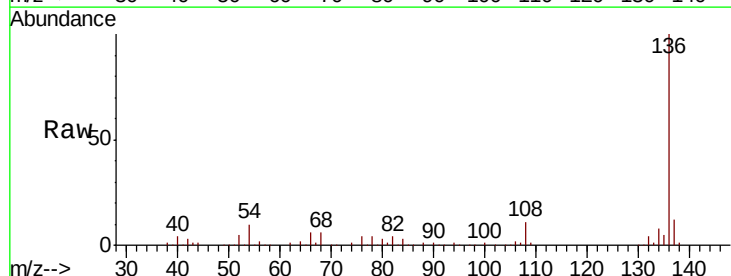
Instrument :
BNA_G
ClientSampleId :
MW-7

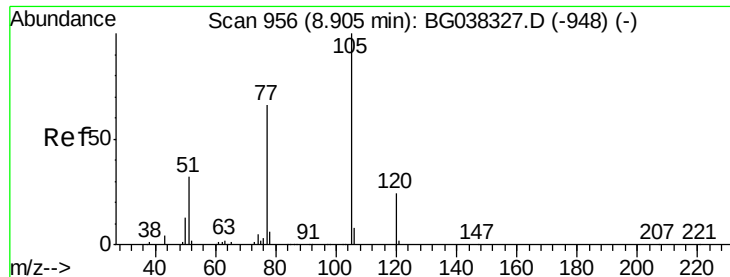
Tgt Ion: 70 Resp: 34660
Ion Ratio Lower Upper
70 100
42 50.3 53.9 80.9#
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038430.D
Acq: 8 Dec 2018 9:55

Tgt Ion: 136 Resp: 183953
Ion Ratio Lower Upper
136 100
137 11.6 9.6 14.4
54 9.8 7.9 11.9
68 6.5 4.8 7.2





#22

Acetophenone

Concen: Below Cal

RT: 8.86 min Scan# 948

Delta R.T. -0.04 min

Lab File: BG038430.D

Acq: 8 Dec 2018 9:55

Instrument :

BNA_G

ClientSampleId :

MW-7

Tgt Ion: 105 Resp: 2748

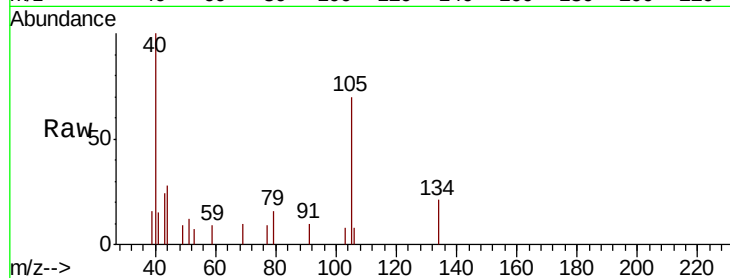
Ion Ratio Lower Upper

105 100

71 0.0 1.2 1.8#

51 17.1 25.0 37.6#

120 0.0 18.6 28.0#

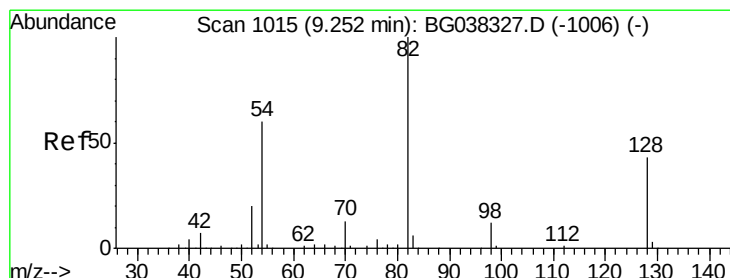
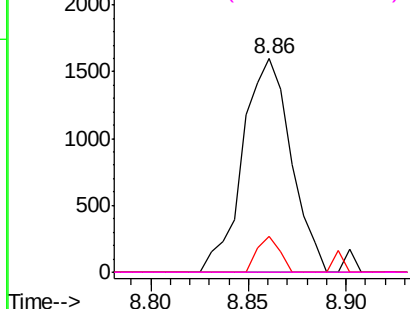
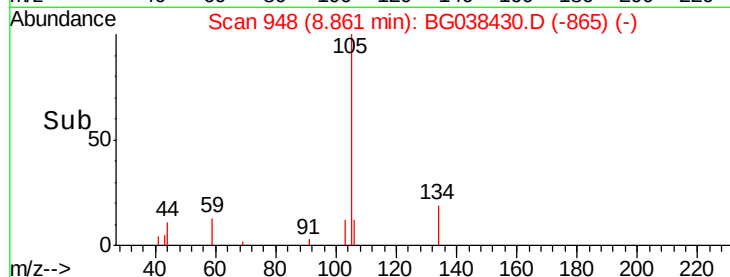


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 71.329 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG038430.D

Acq: 8 Dec 2018 9:55

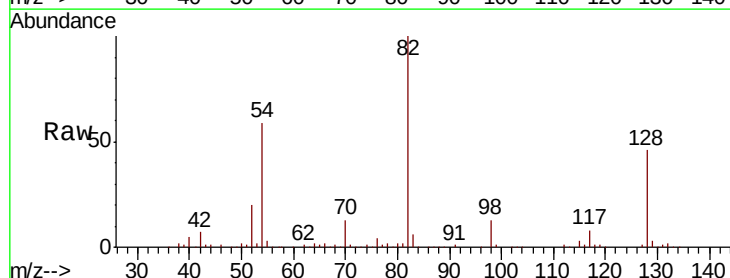
Tgt Ion: 82 Resp: 264285

Ion Ratio Lower Upper

82 100

128 46.1 34.6 51.8

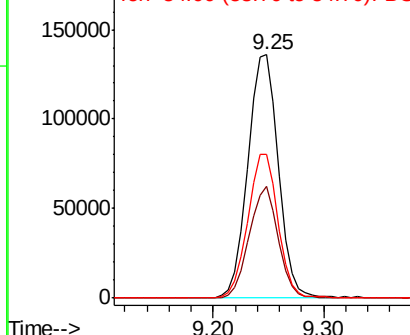
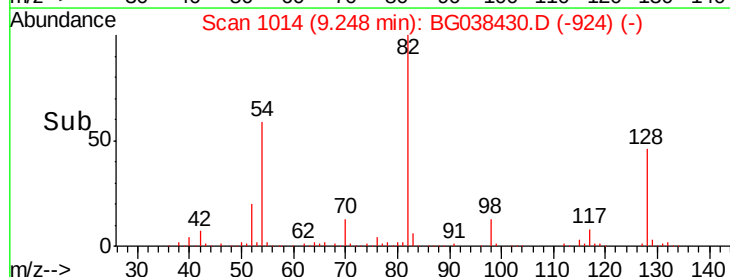
54 59.2 45.3 67.9

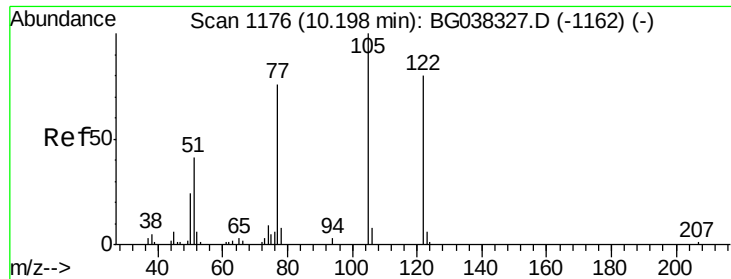


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 4.822 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.15 min

Lab File: BG038430.D

Acq: 8 Dec 2018 9:55

Instrument :

BNA_G

ClientSampled :

MW-7

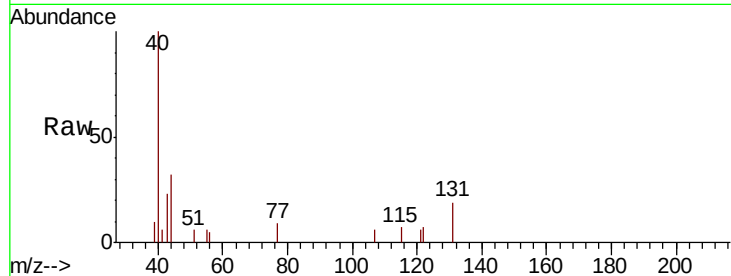
Tgt Ion:122 Resp: 129

Ion Ratio Lower Upper

122 100

105 0.0 106.7 146.7#

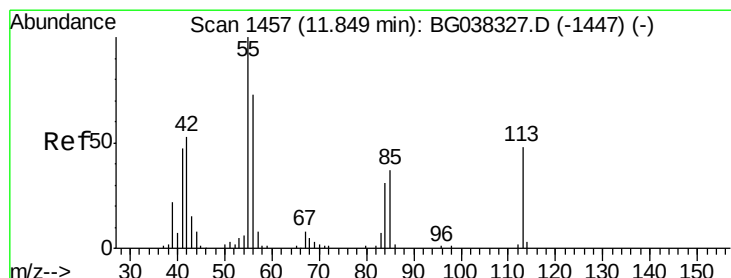
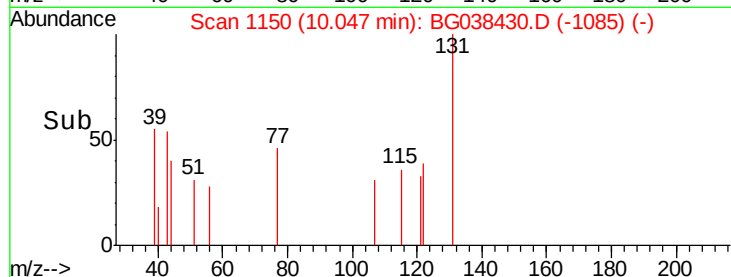
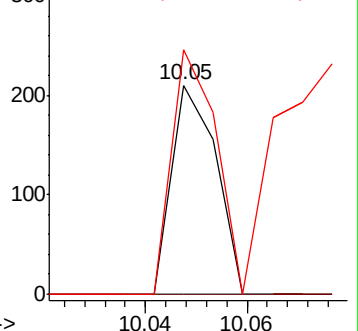
77 117.1 72.2 112.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#35

Caprolactam

Concen: 2.314 ng

RT: 11.83 min Scan# 1454

Delta R.T. -0.02 min

Lab File: BG038430.D

Acq: 8 Dec 2018 9:55

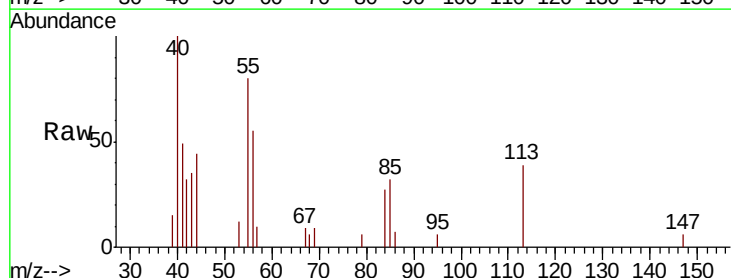
Tgt Ion:113 Resp: 2737

Ion Ratio Lower Upper

113 100

55 202.5 176.6 216.6

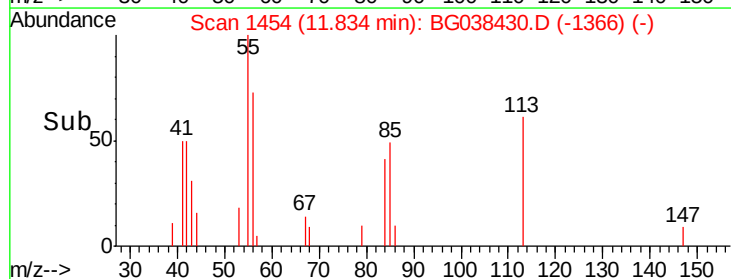
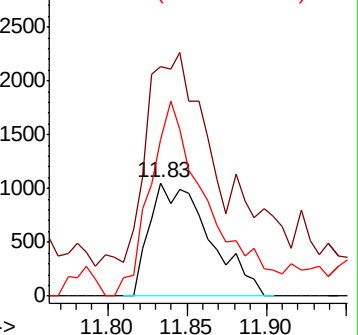
56 138.3 128.3 168.3

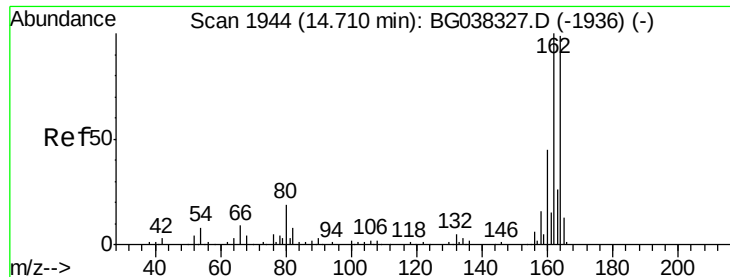


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG038430.D

Acq: 8 Dec 2018 9:55

Instrument :

BNA_G

ClientSampleId :

MW-7

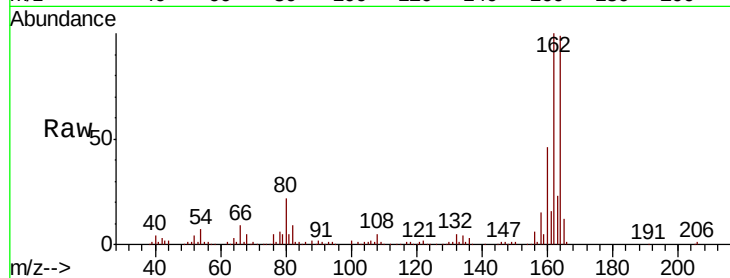
Tgt Ion:164 Resp: 113997

Ion Ratio Lower Upper

164 100

162 100.6 81.3 121.9

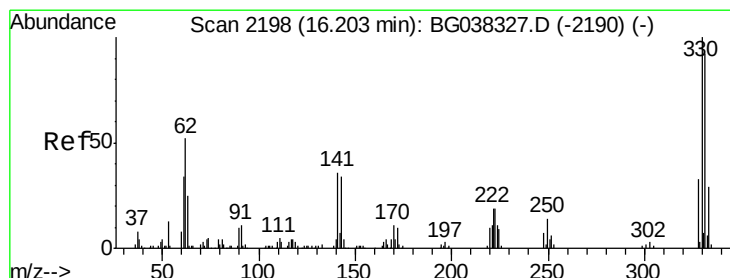
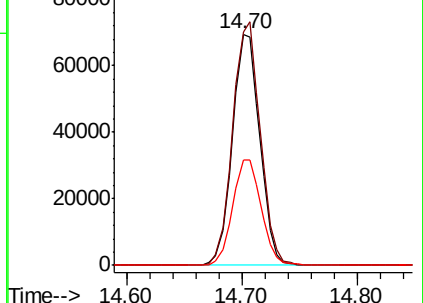
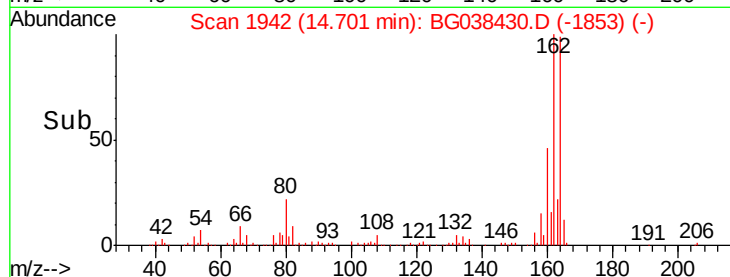
160 45.8 36.3 54.5



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: 116.534 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038430.D

Acq: 8 Dec 2018 9:55

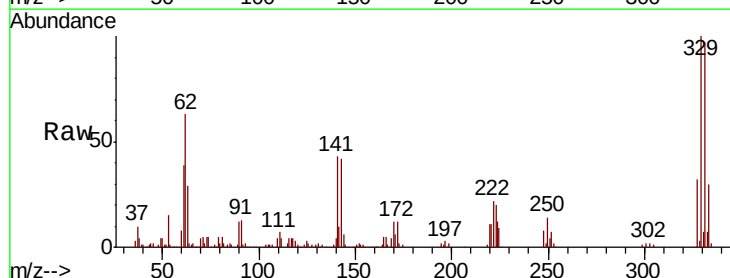
Tgt Ion:330 Resp: 163084

Ion Ratio Lower Upper

330 100

332 97.1 78.4 117.6

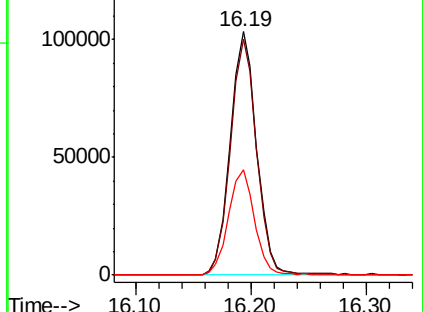
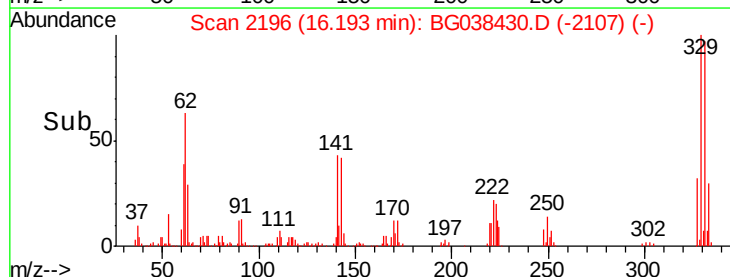
141 43.1 32.2 48.2

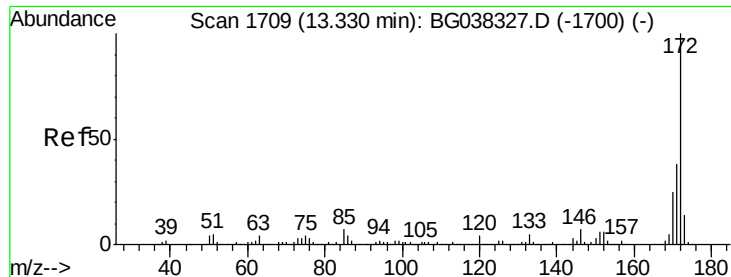


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

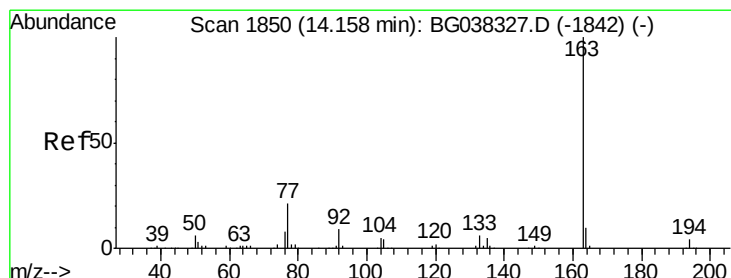
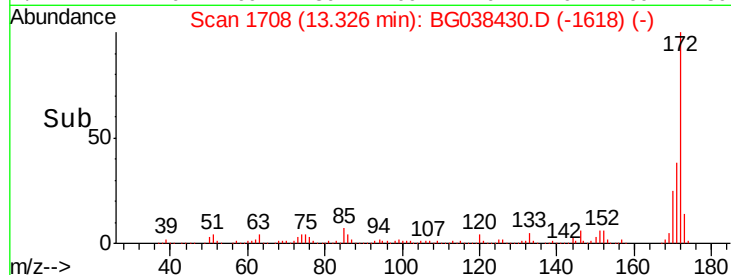
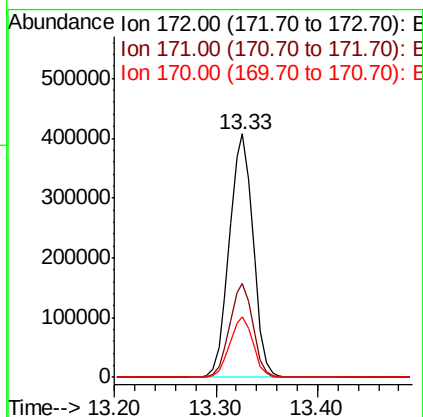
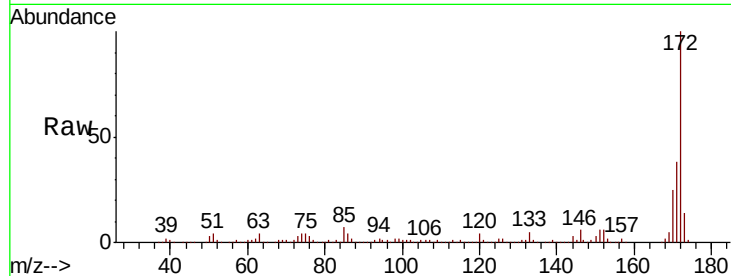




#45
2-Fluorobiphenyl
Concen: 82.605 ng
RT: 13.33 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG038430.D
Acq: 8 Dec 2018 9:55

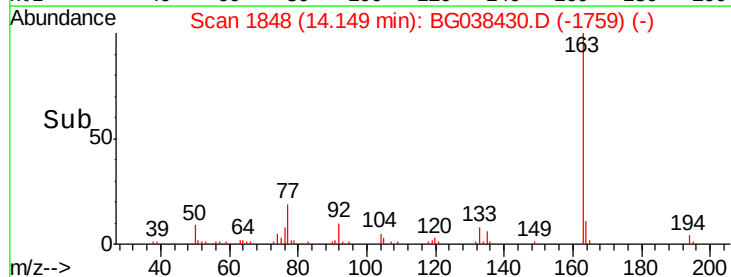
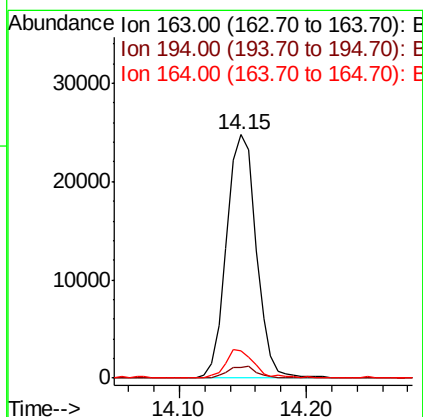
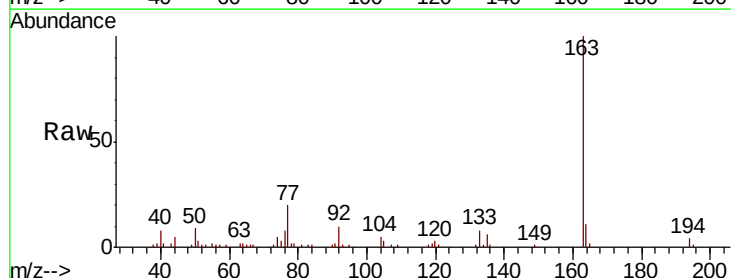
Instrument :
BNA_G
ClientSampleId :
MW-7

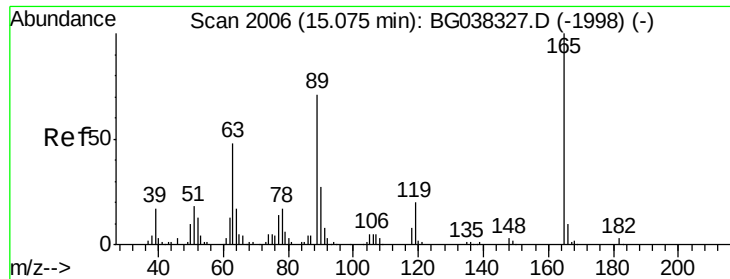
Tgt Ion:172 Resp: 660862
Ion Ratio Lower Upper
172 100
171 38.4 31.0 46.4
170 24.9 20.2 30.2



#50
Dimethylphthalate
Concen: 4.400 ng
RT: 14.15 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BG038430.D
Acq: 8 Dec 2018 9:55

Tgt Ion:163 Resp: 40231
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 11.1 8.5 12.7

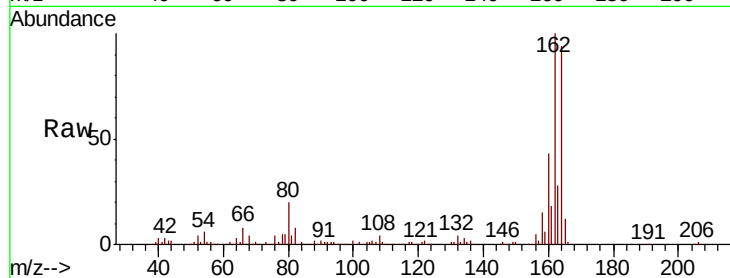




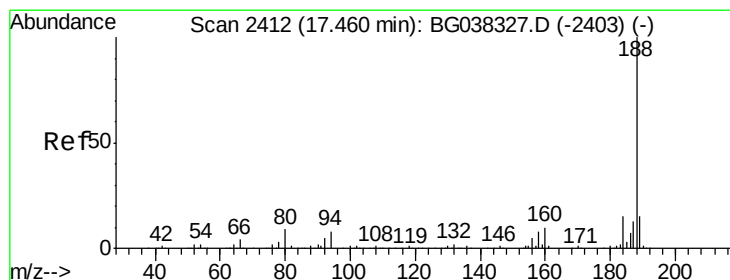
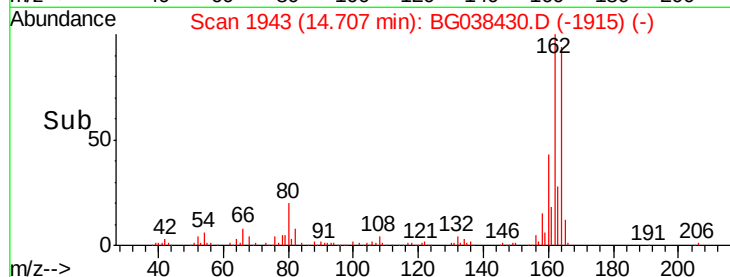
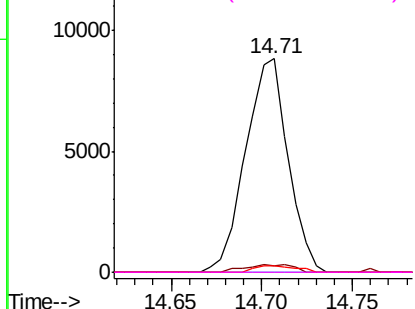
#57
 2,4-Dinitrotoluene
 Concen: 4.979 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038430.D
 Acq: 8 Dec 2018 9:55

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Tgt Ion:165 Resp: 14342
 Ion Ratio Lower Upper
 165 100
 63 2.9 33.4 50.0#
 89 3.1 57.2 85.8#
 182 0.0 2.6 4.0#

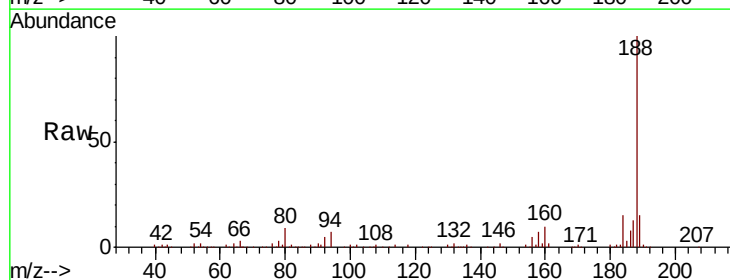


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

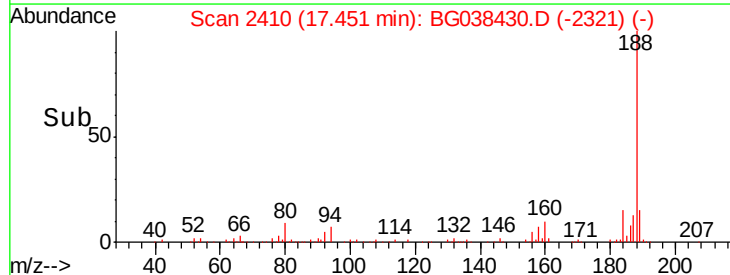
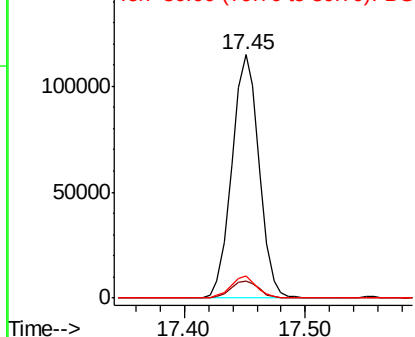


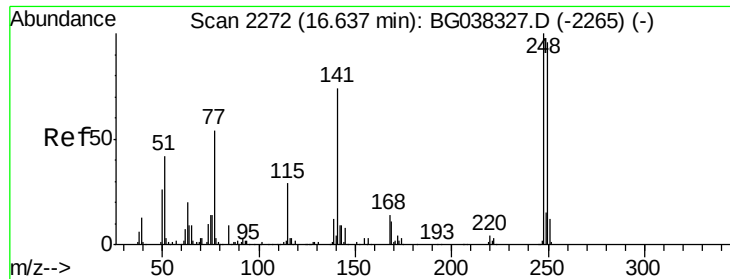
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038430.D
 Acq: 8 Dec 2018 9:55

Tgt Ion:188 Resp: 180461
 Ion Ratio Lower Upper
 188 100
 94 7.2 7.2 10.8
 80 8.9 7.7 11.5



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

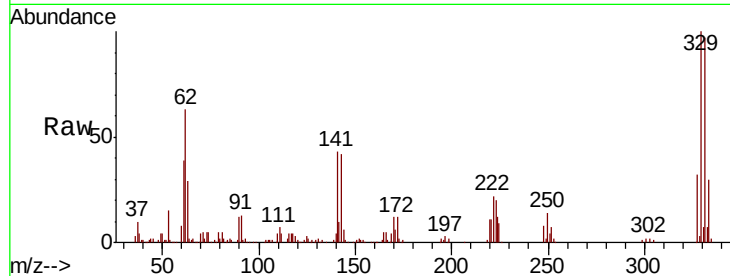




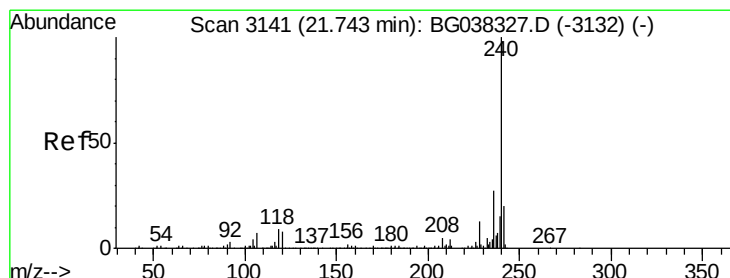
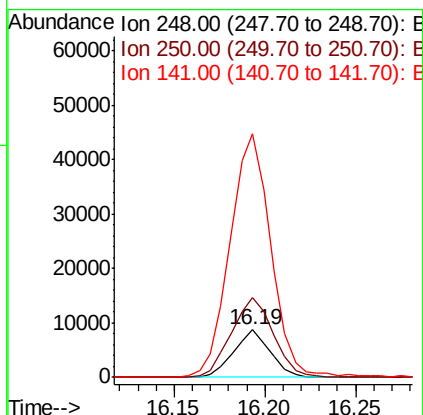
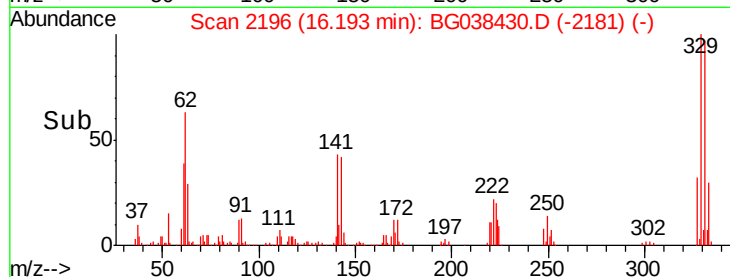
#67
 4-Bromophenyl-phenylether
 Concen: 6.223 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.44 min
 Lab File: BG038430.D
 Acq: 8 Dec 2018 9:55

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Tgt Ion:248 Resp: 12127
 Ion Ratio Lower Upper
 248 100
 250 172.2 77.0 115.6#
 141 401.0 55.5 83.3#

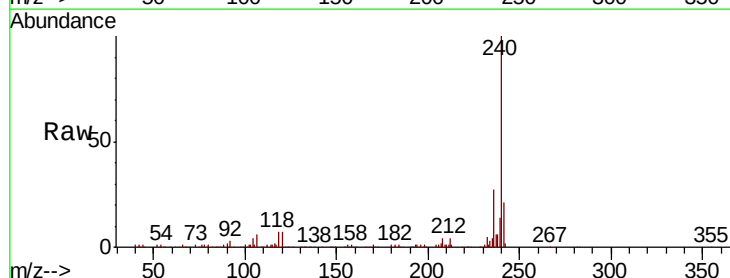


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

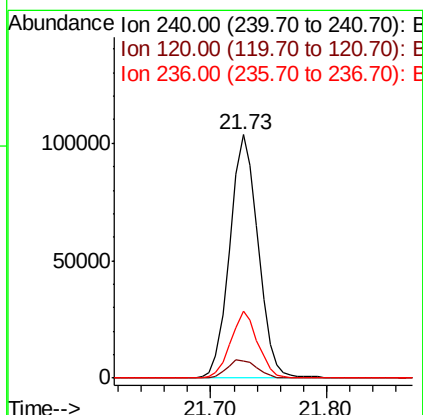
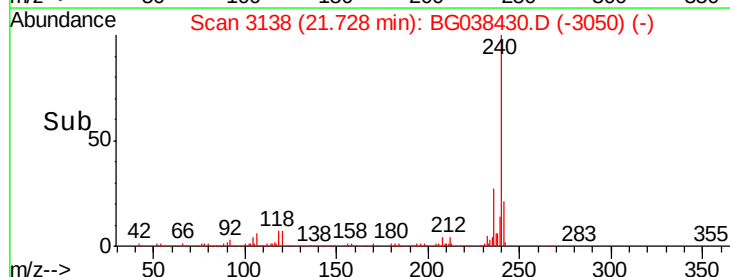


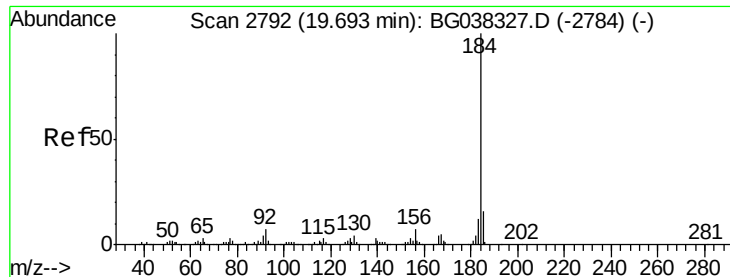
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BG038430.D
 Acq: 8 Dec 2018 9:55

Tgt Ion:240 Resp: 176301
 Ion Ratio Lower Upper
 240 100
 120 7.1 8.1 12.1#
 236 27.4 21.4 32.0



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: 2.231 ng

RT: 20.05 min Scan# 2853

Delta R.T. 0.36 min

Lab File: BG038430.D

Acq: 8 Dec 2018 9:55

Instrument :

BNA_G

ClientSampleId :

MW-7

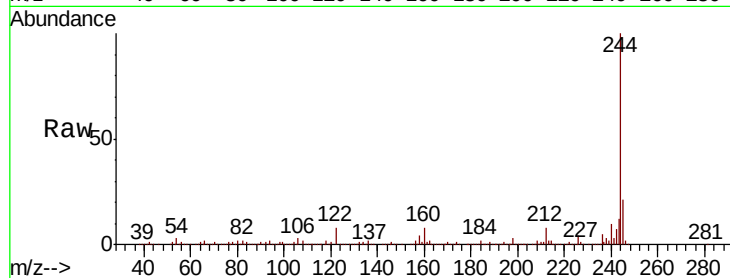
Tgt Ion:184 Resp: 13272

Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

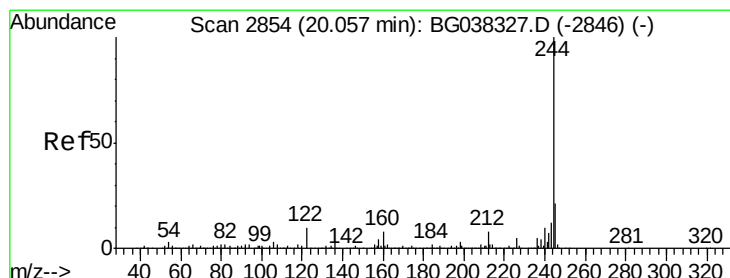
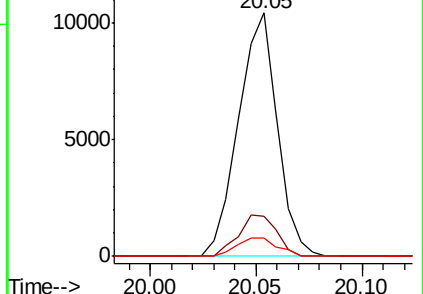
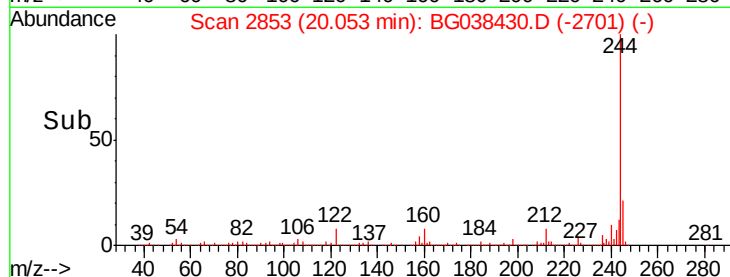
183 7.7 10.2 15.2#



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: 88.337 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038430.D

Acq: 8 Dec 2018 9:55

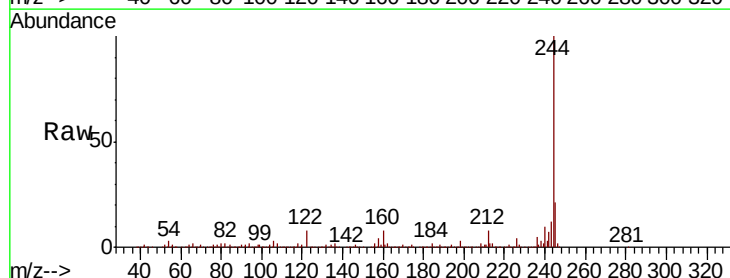
Tgt Ion:244 Resp: 726982

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

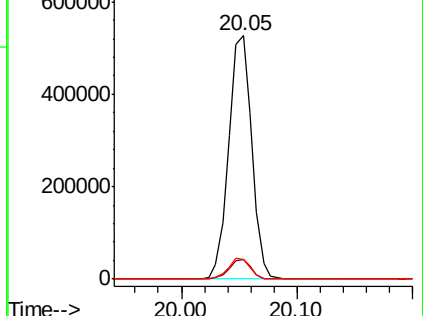
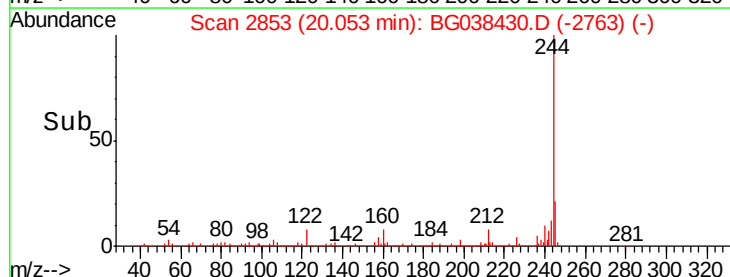
122 7.9 9.0 13.4#

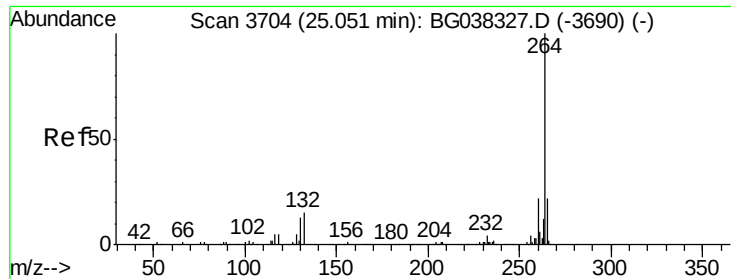


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.04 min Scan# 3701
Delta R.T. -0.02 min
Lab File: BG038430.D
Acq: 8 Dec 2018 9:55

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.2	27.4
265	22.5	17.9	26.9

