

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
 Data File : BG038474.D
 Acq On : 11 Dec 2018 17:59
 Operator : JU/SJ
 Sample : J6195-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-A

Quant Time: Dec 12 03:16:33 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

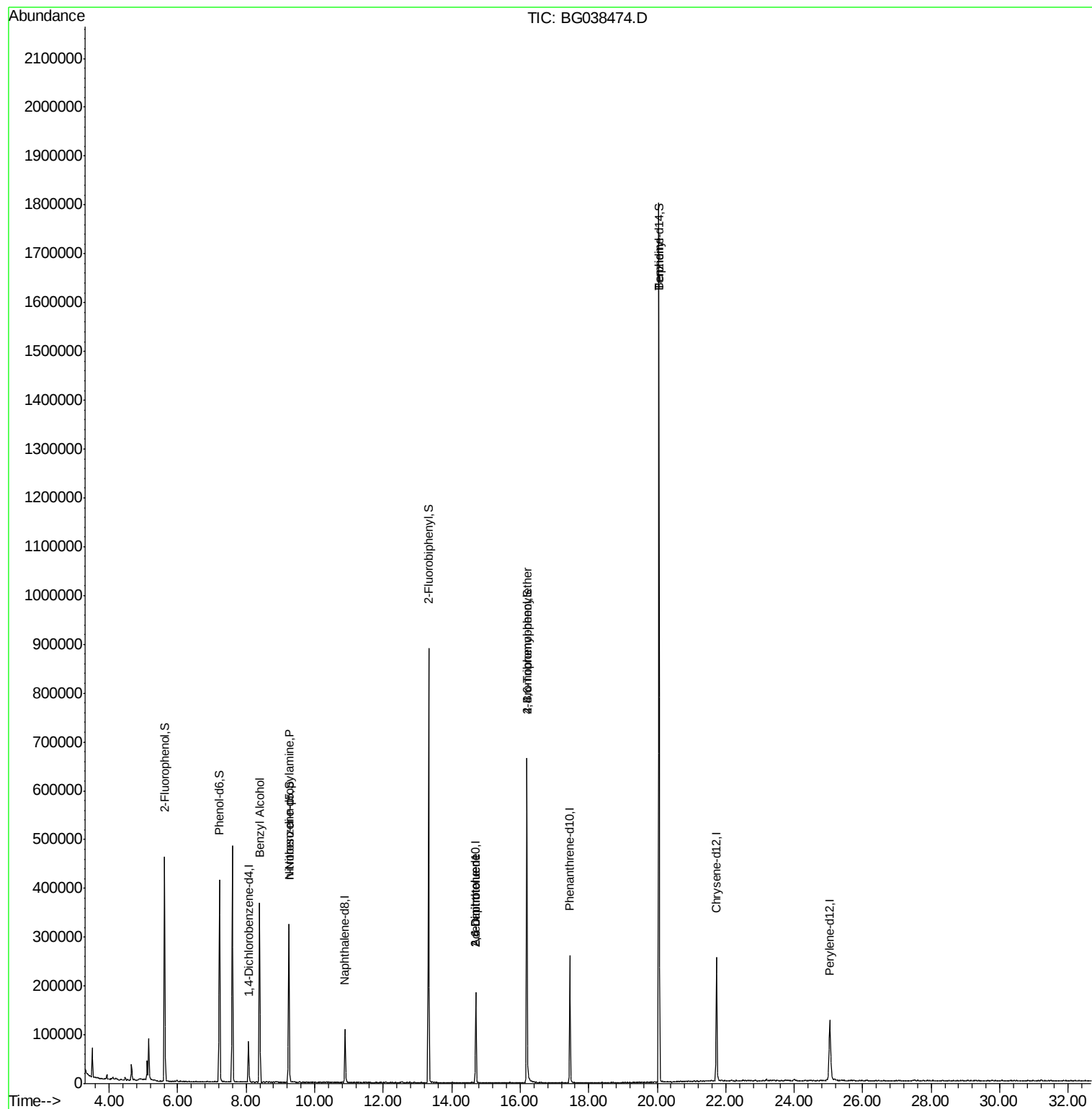
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	22815	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	97324	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	67614	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	174547	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	172722	20.00	ng	-0.01
87) Perylene-d12	25.04	264	169796	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	191234	148.33	ng	0.00
7) Phenol-d6	7.22	99	239486	128.52	ng	0.00
23) Nitrobenzene-d5	9.25	82	195954	99.96	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	132624	159.78	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	468941	98.83	ng	0.00
79) Terphenyl-d14	20.05	244	881852	109.38	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.39	79	3186	2.080	ng	# 56
19) n-Nitroso-di-n-propylamine	9.25	70	25937	17.880	ng	# 81
22) Acetophenone	8.91	105	53	Below Cal		# 48
51) 2,6-Dinitrotoluene	14.70	165	8933	7.211	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	8933	5.228	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	8673	4.601	ng	# 1
77) Benizidine	20.05	184	15455	2.652	ng	# 94

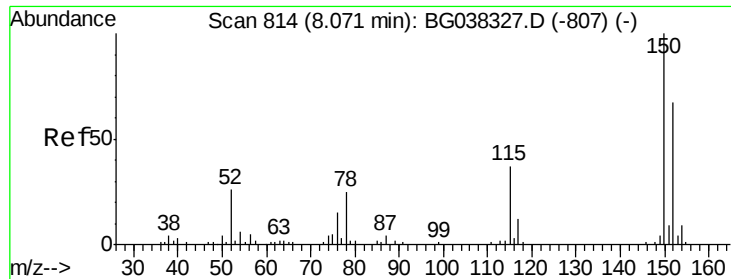
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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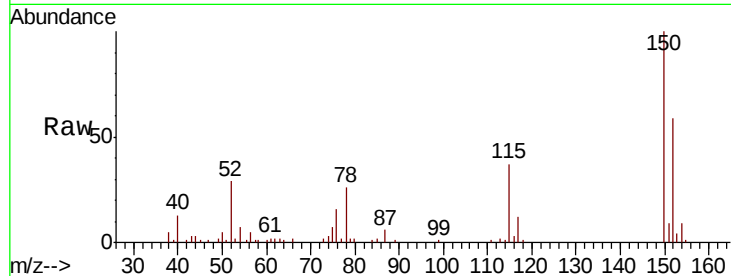




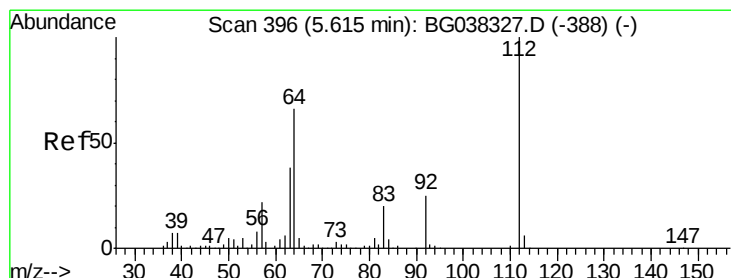
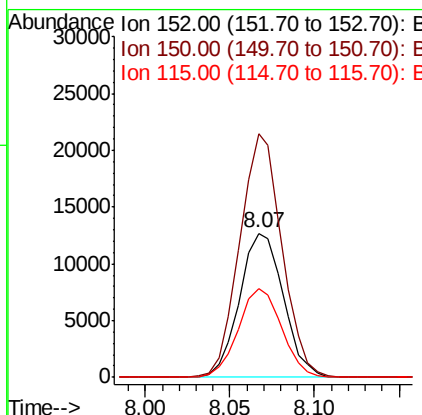
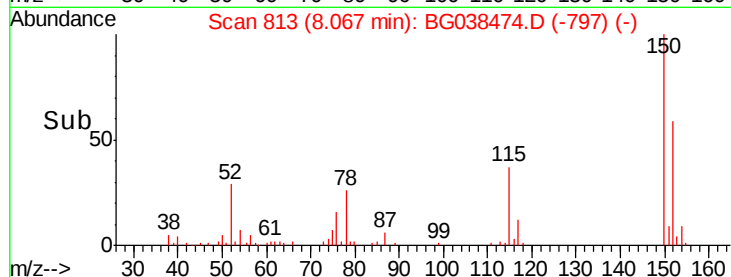
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG038474.D
 Acq: 11 Dec 2018 17:59

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-A

Tgt Ion:152 Resp: 22815
 Ion Ratio Lower Upper
 152 100
 150 169.3 126.0 189.0
 115 62.1 45.5 68.3

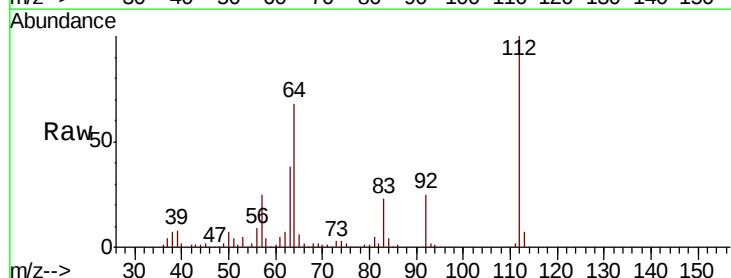


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

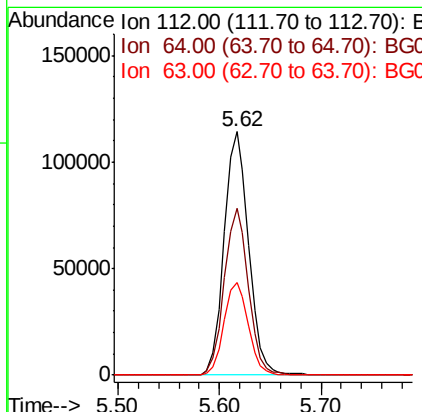
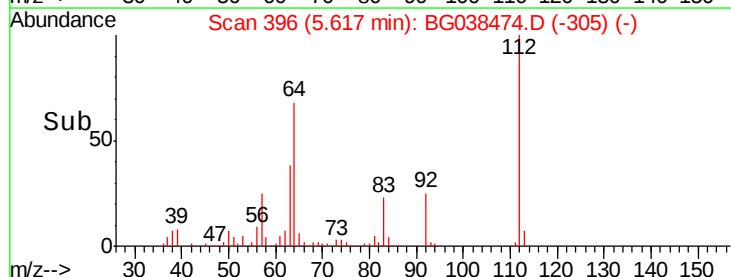


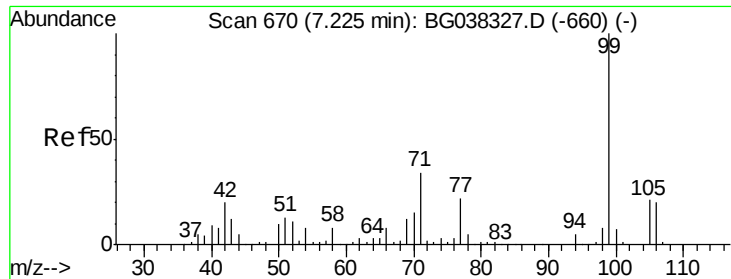
#5
 2-Fluorophenol
 Concen: 148.330 ng
 RT: 5.62 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BG038474.D
 Acq: 11 Dec 2018 17:59

Tgt Ion:112 Resp: 191234
 Ion Ratio Lower Upper
 112 100
 64 68.5 53.1 79.7
 63 38.3 27.3 40.9



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: 128.522 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038474.D

Acq: 11 Dec 2018 17:59

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-A

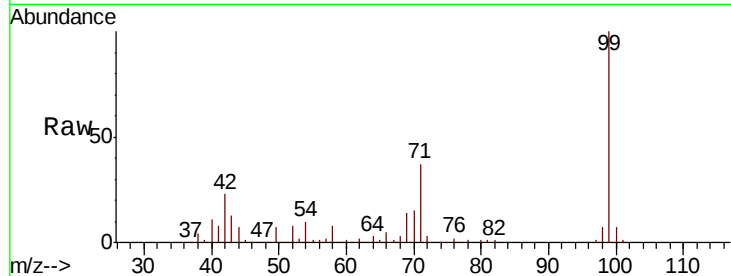
Tgt Ion: 99 Resp: 239486

Ion Ratio Lower Upper

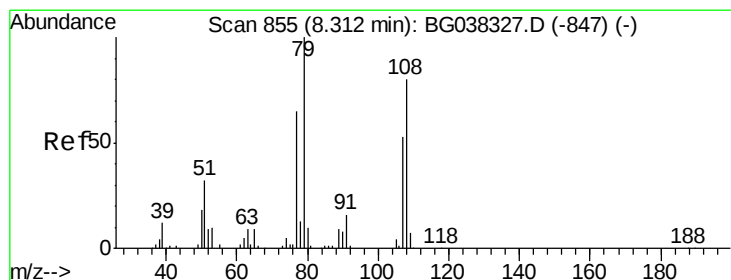
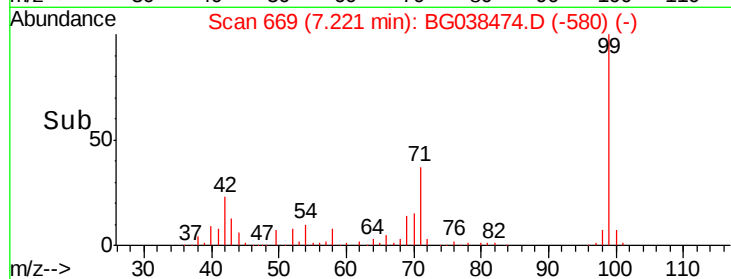
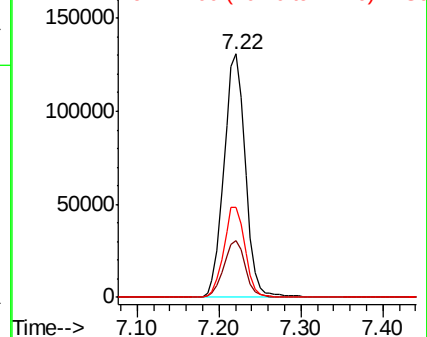
99 100

42 23.5 15.0 22.4#

71 37.1 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



#15

Benzyl Alcohol

Concen: 2.080 ng

RT: 8.39 min Scan# 868

Delta R.T. 0.08 min

Lab File: BG038474.D

Acq: 11 Dec 2018 17:59

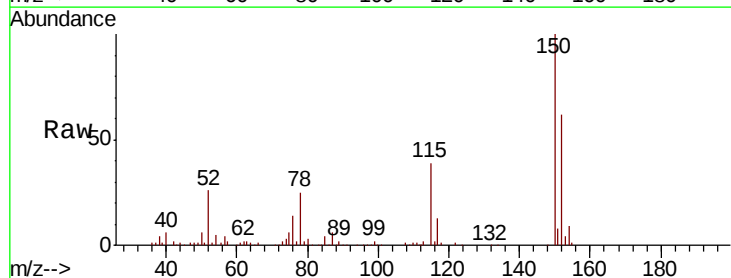
Tgt Ion: 79 Resp: 3186

Ion Ratio Lower Upper

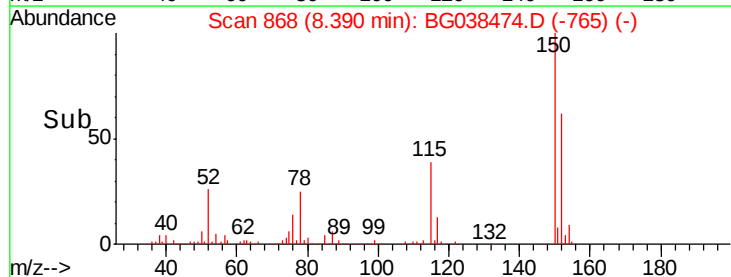
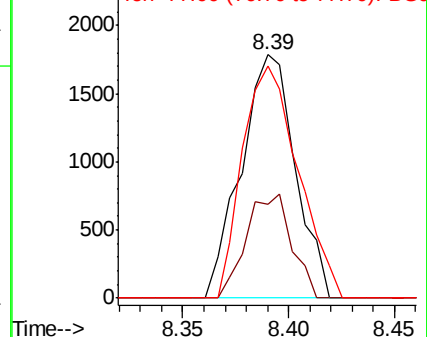
79 100

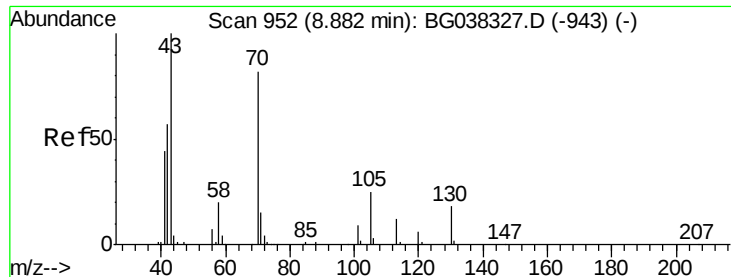
108 38.3 65.8 98.8#

77 95.3 52.9 79.3#



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

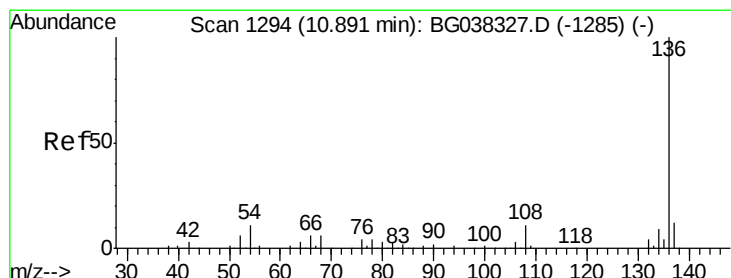
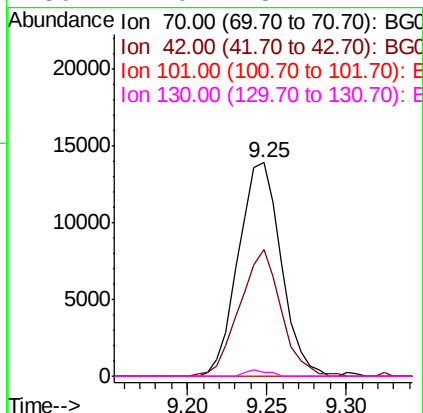
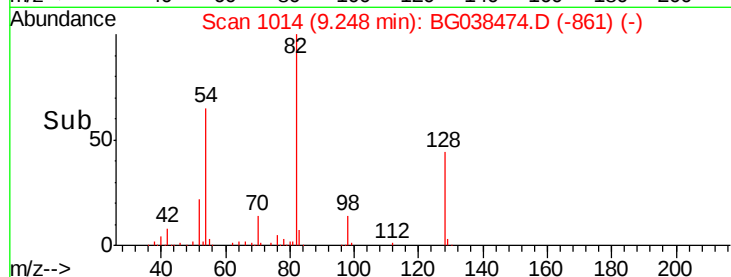
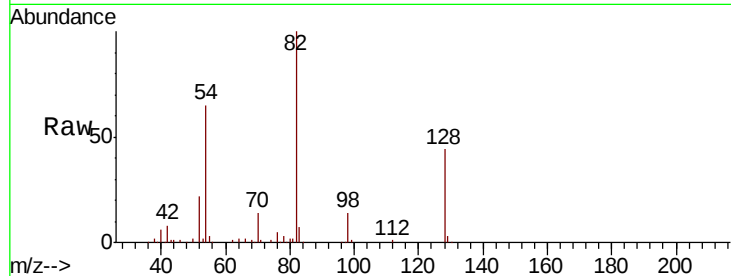




#19
n-Nitroso-di-n-propylamine
Concen: 17.880 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.37 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

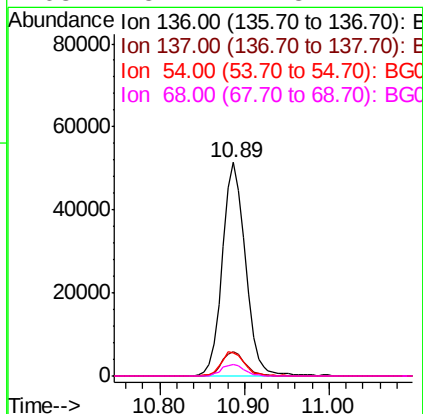
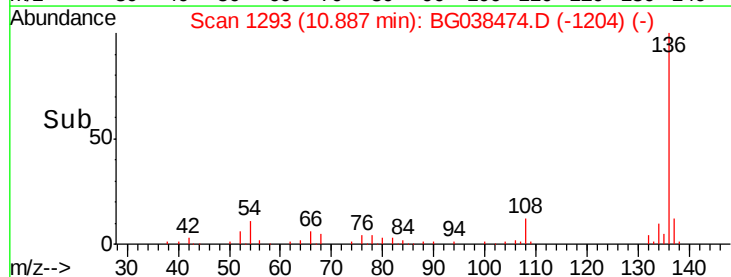
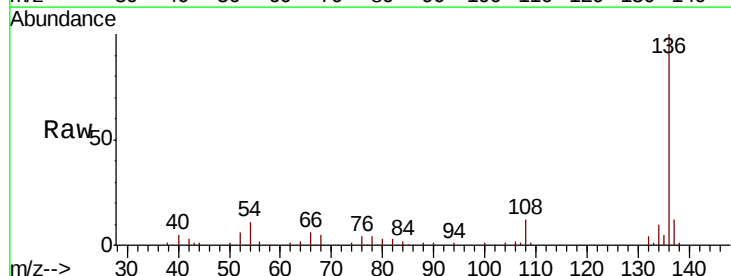
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-A

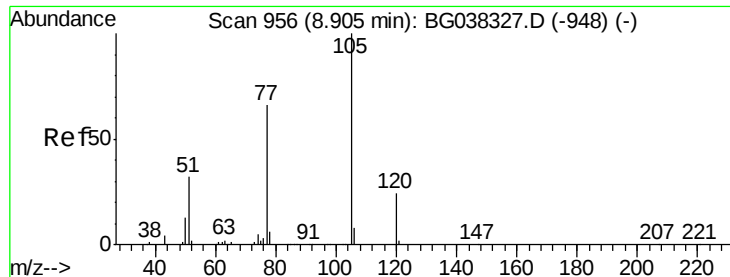
Tgt Ion: 70 Resp: 25937
Ion Ratio Lower Upper
70 100
42 59.4 53.9 80.9
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Tgt Ion: 136 Resp: 97324
Ion Ratio Lower Upper
136 100
137 11.5 9.6 14.4
54 10.7 7.9 11.9
68 5.4 4.8 7.2





#22

Acetophenone

Concen: Below Cal

RT: 8.91 min Scan# 956

Delta R.T. 0.00 min

Lab File: BG038474.D

Acq: 11 Dec 2018 17:59

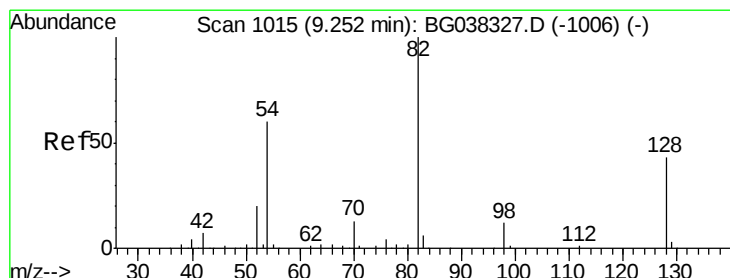
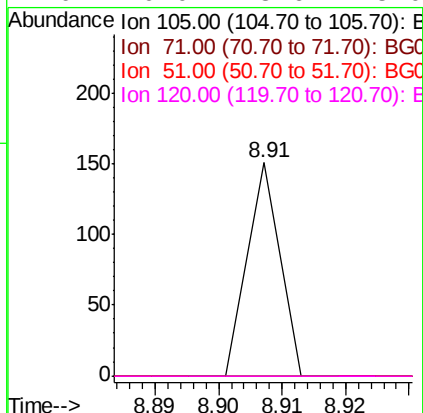
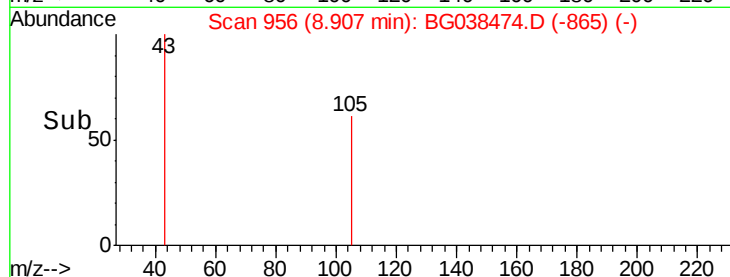
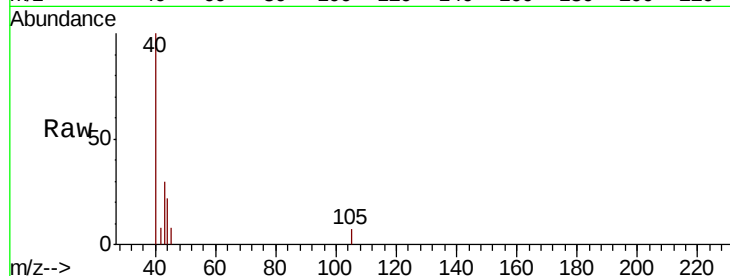
Instrument :

BNA_G

ClientSampleId :

OR-02-121018-A

Tgt Ion:	105	Resp:	53
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	0.0	25.0	37.6#
120	0.0	18.6	28.0#



#23

Nitrobenzene-d5

Concen: 99.962 ng

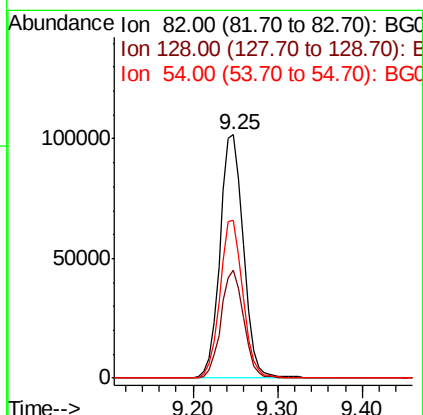
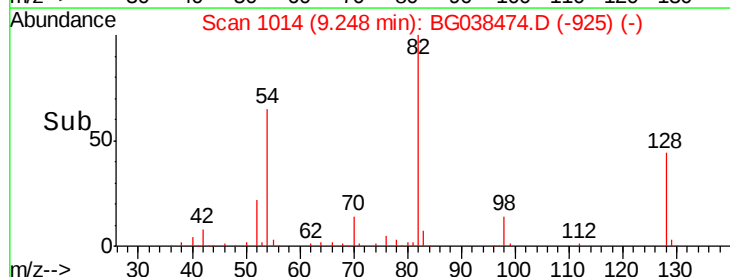
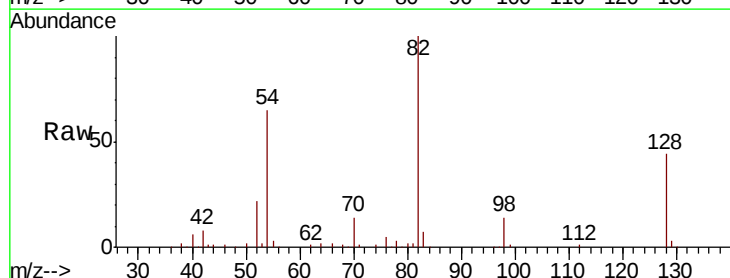
RT: 9.25 min Scan# 1014

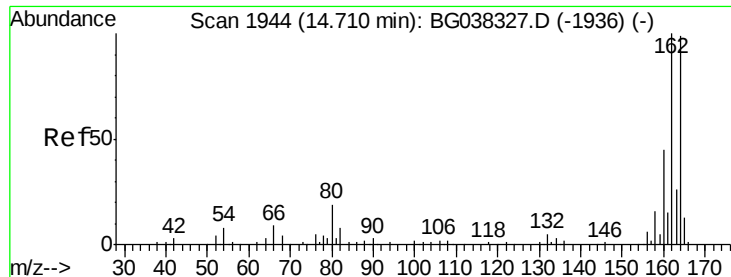
Delta R.T. -0.00 min

Lab File: BG038474.D

Acq: 11 Dec 2018 17:59

Tgt Ion:	82	Resp:	195954
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	64.7	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038474.D

Acq: 11 Dec 2018 17:59

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-A

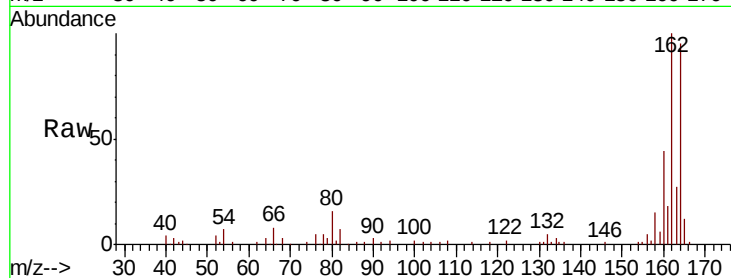
Tgt Ion:164 Resp: 67614

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

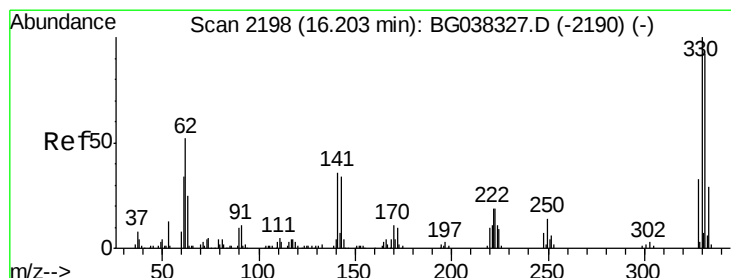
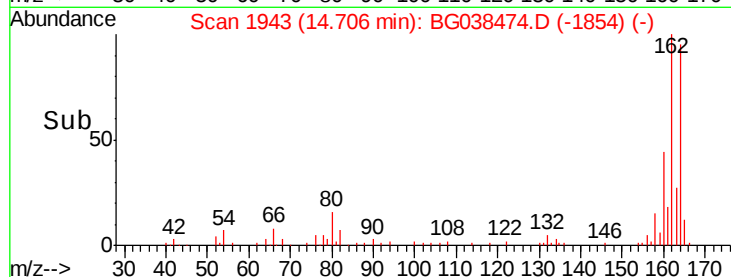
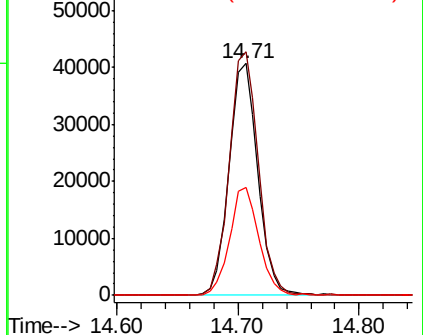
160 46.6 36.3 54.5



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: 159.779 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038474.D

Acq: 11 Dec 2018 17:59

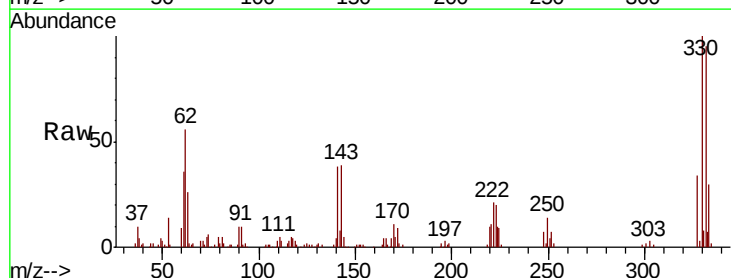
Tgt Ion:330 Resp: 132624

Ion Ratio Lower Upper

330 100

332 96.7 78.4 117.6

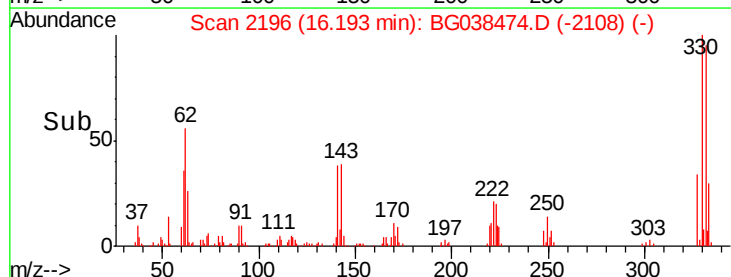
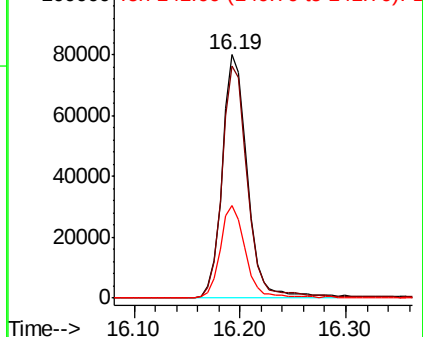
141 38.6 32.2 48.2

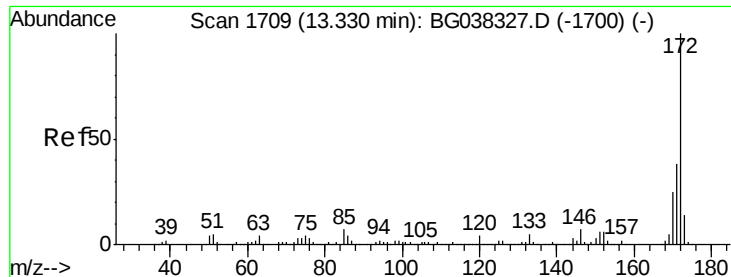


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

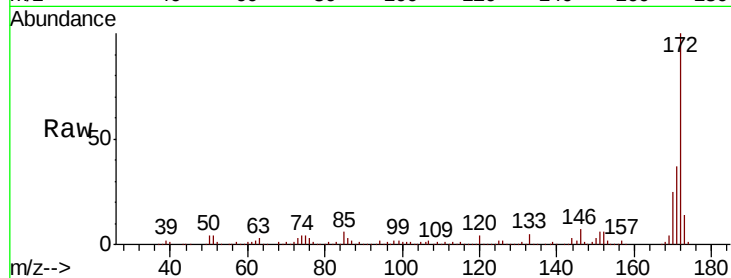




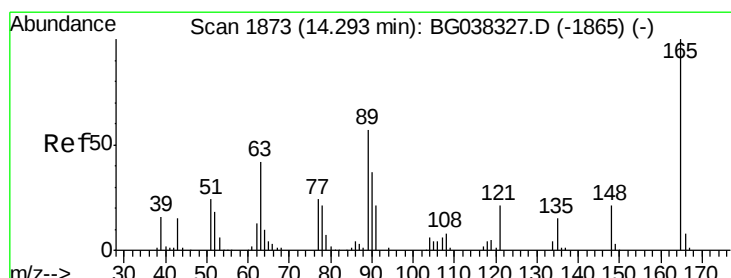
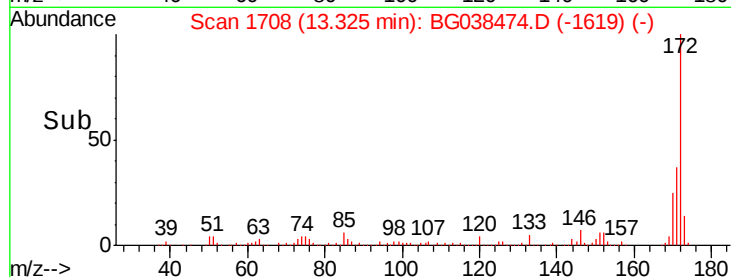
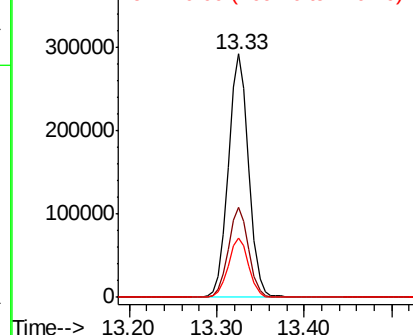
#45
 2-Fluorobiphenyl
 Concen: 98.826 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038474.D
 Acq: 11 Dec 2018 17:59

Instrument :
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 OR-02-121018-A

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.6	20.2	30.2

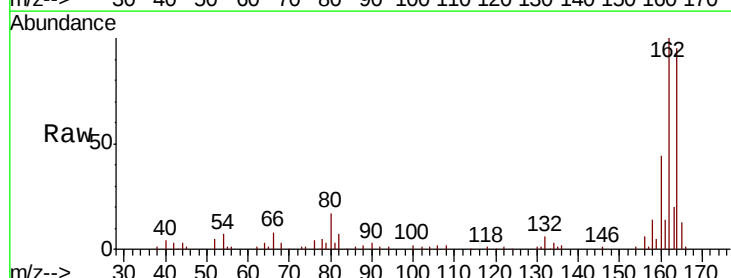


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

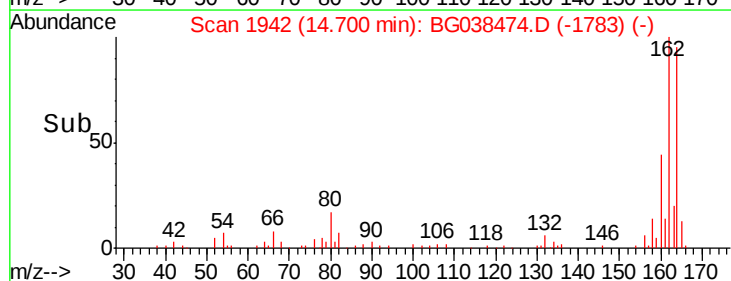
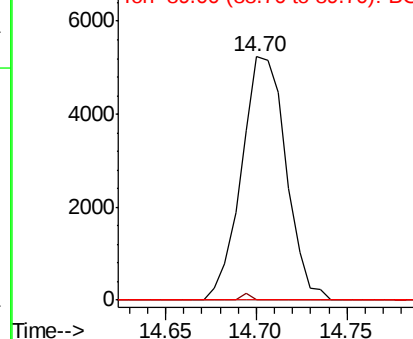


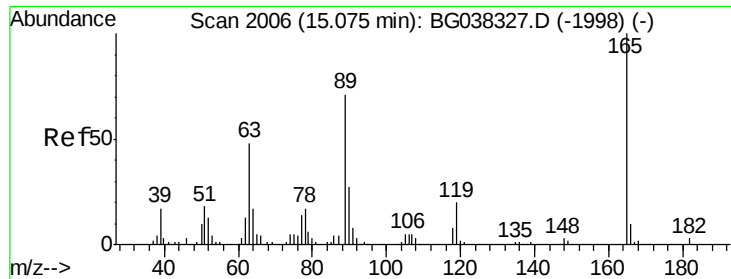
#51
 2,6-Dinitrotoluene
 Concen: 7.211 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. 0.41 min
 Lab File: BG038474.D
 Acq: 11 Dec 2018 17:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



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

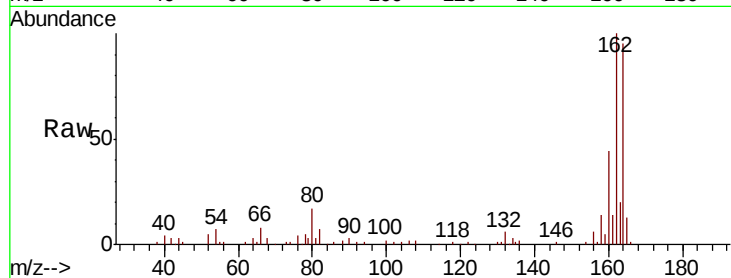




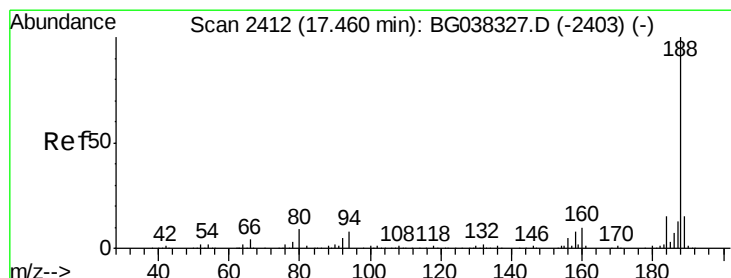
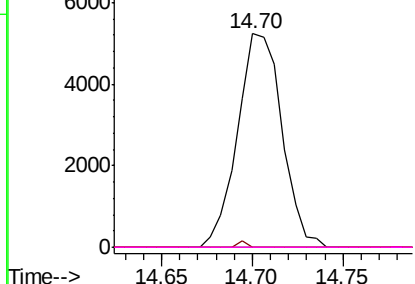
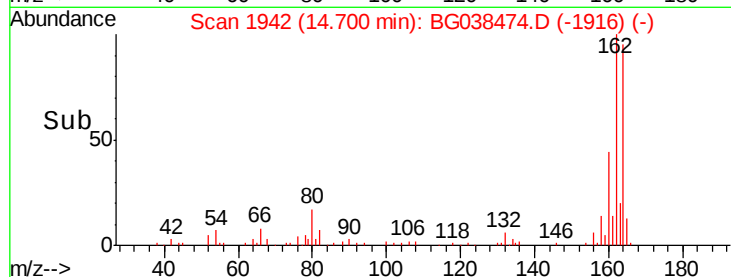
#57
 2,4-Dinitrotoluene
 Concen: 5.228 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.37 min
 Lab File: BG038474.D
 Acq: 11 Dec 2018 17:59

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-A

Tgt Ion:	165	Resp:	8933
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

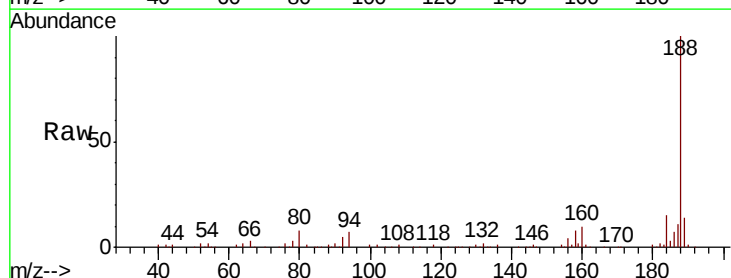


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

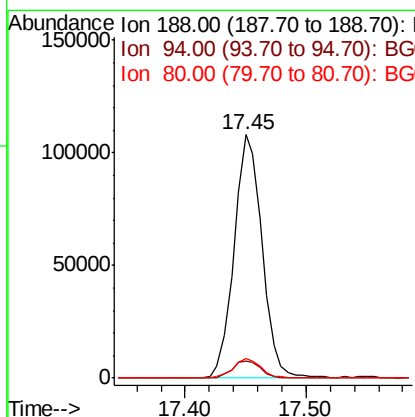
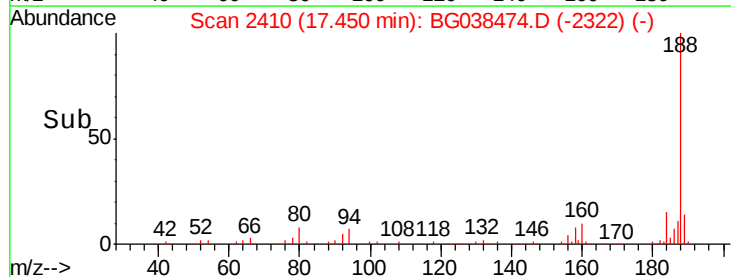


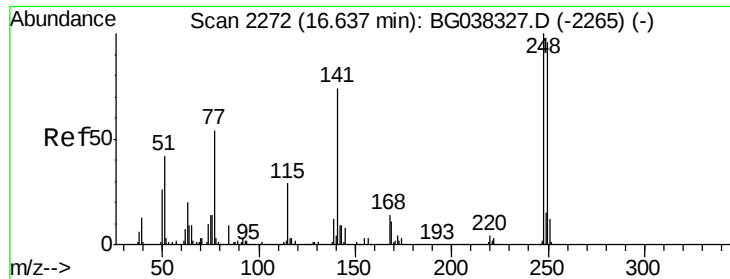
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038474.D
 Acq: 11 Dec 2018 17:59

Tgt Ion:	188	Resp:	174547
Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.2	10.8#
80	8.2	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

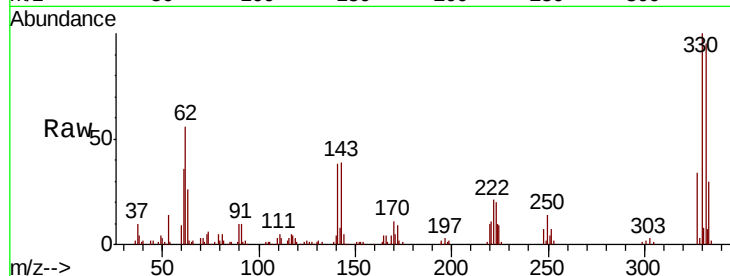




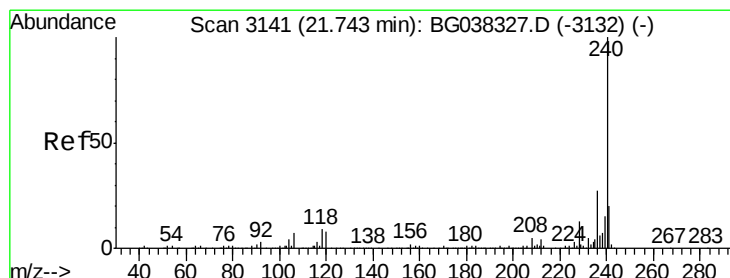
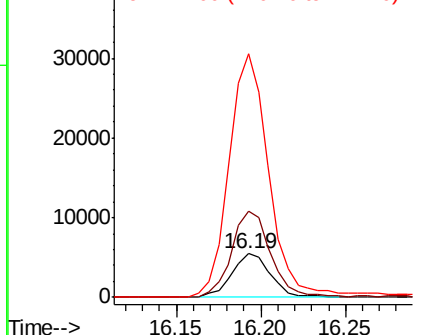
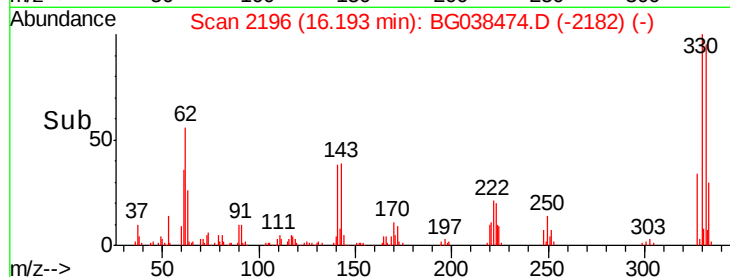
#67
 4-Bromophenyl-phenylether
 Concen: 4.601 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.44 min
 Lab File: BG038474.D
 Acq: 11 Dec 2018 17:59

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-A

Tgt Ion:248 Resp: 8673
 Ion Ratio Lower Upper
 248 100
 250 192.9 77.0 115.6#
 141 416.8 55.5 83.3#

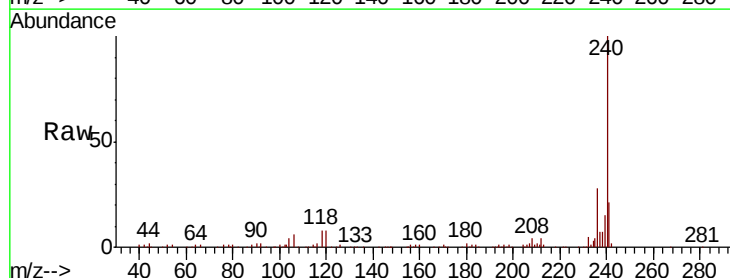


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

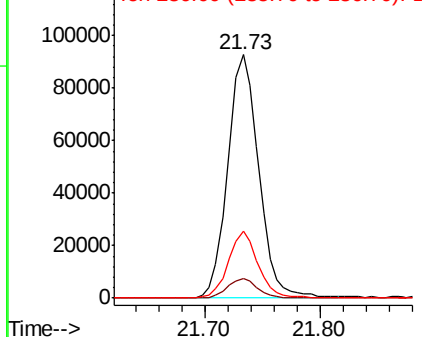
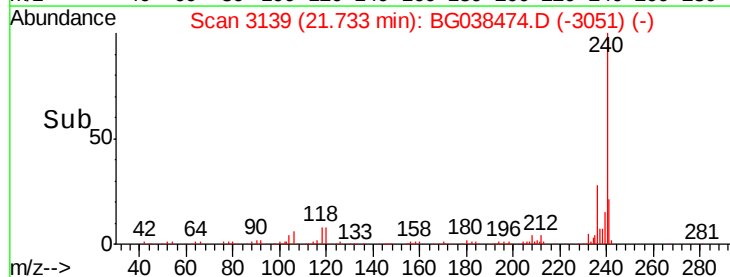


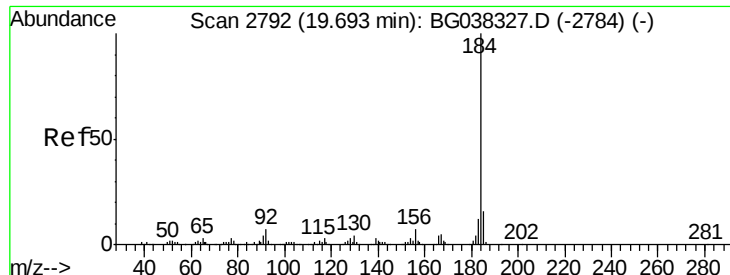
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038474.D
 Acq: 11 Dec 2018 17:59

Tgt Ion:240 Resp: 172722
 Ion Ratio Lower Upper
 240 100
 120 8.0 8.1 12.1#
 236 27.5 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: 2.652 ng

RT: 20.05 min Scan# 2853

Delta R.T. 0.36 min

Lab File: BG038474.D

Acq: 11 Dec 2018 17:59

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-A

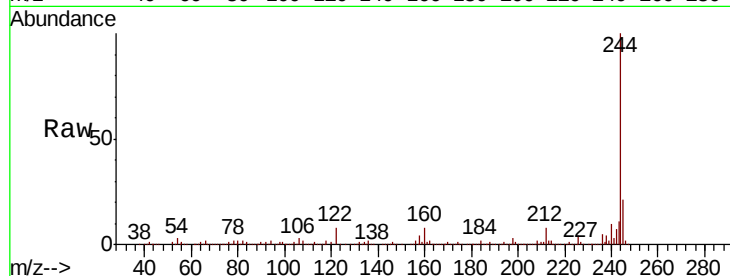
Tgt Ion:184 Resp: 15455

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

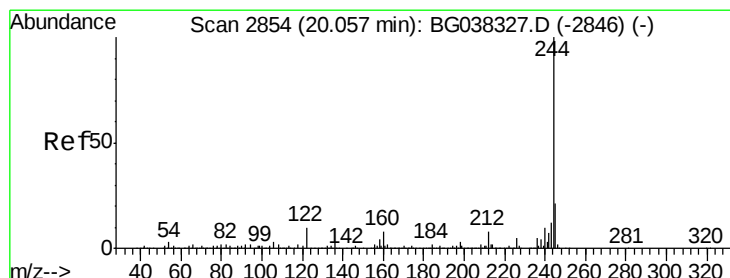
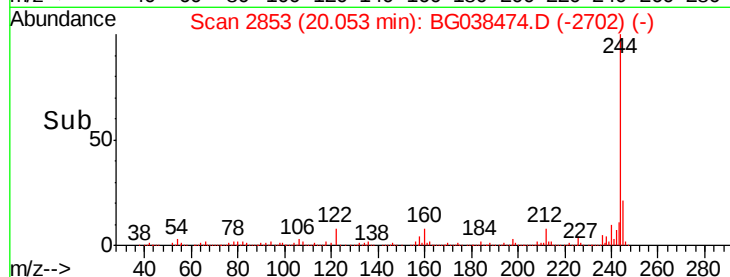
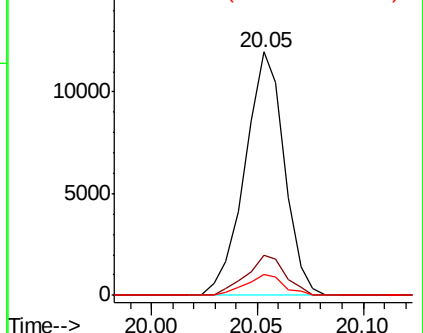
183 8.3 10.2 15.2#



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: 109.375 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038474.D

Acq: 11 Dec 2018 17:59

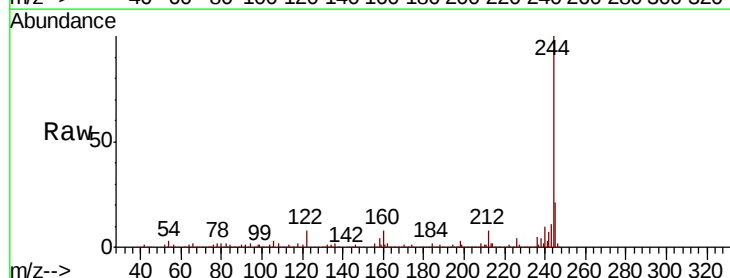
Tgt Ion:244 Resp: 881852

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

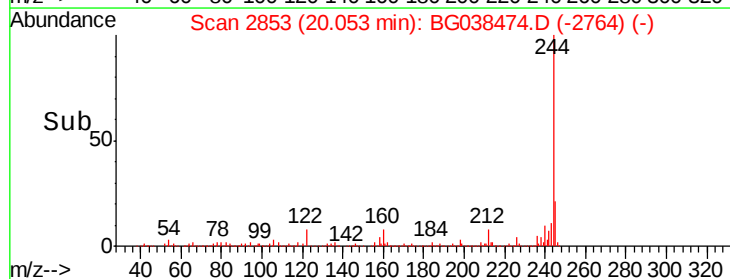
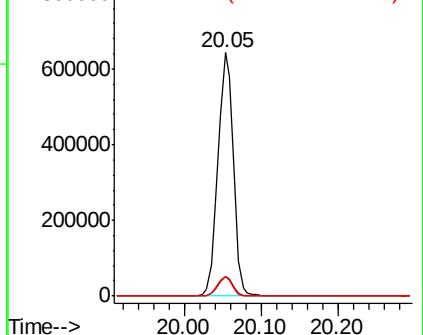
122 8.2 9.0 13.4#

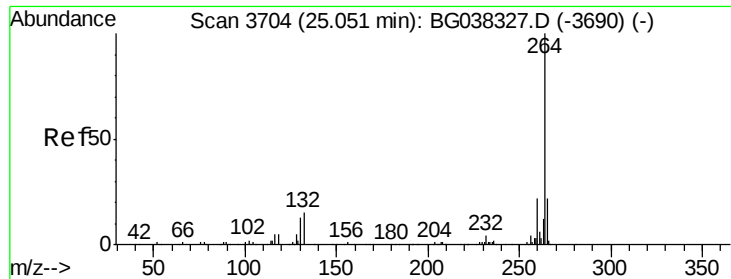


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

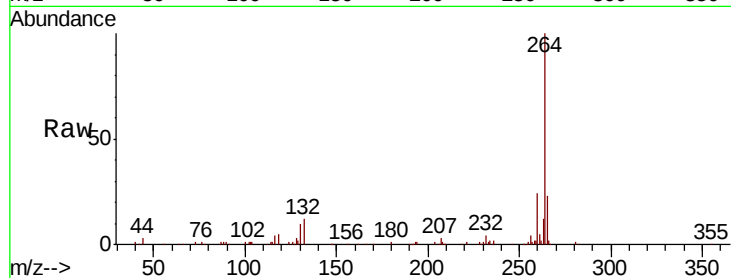




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.7	17.9	26.9



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

