

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121018\
 Data File : BG038449.D
 Acq On : 10 Dec 2018 21:37
 Operator : JU/SJ
 Sample : J6197-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-120718

Quant Time: Dec 11 03:52:07 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

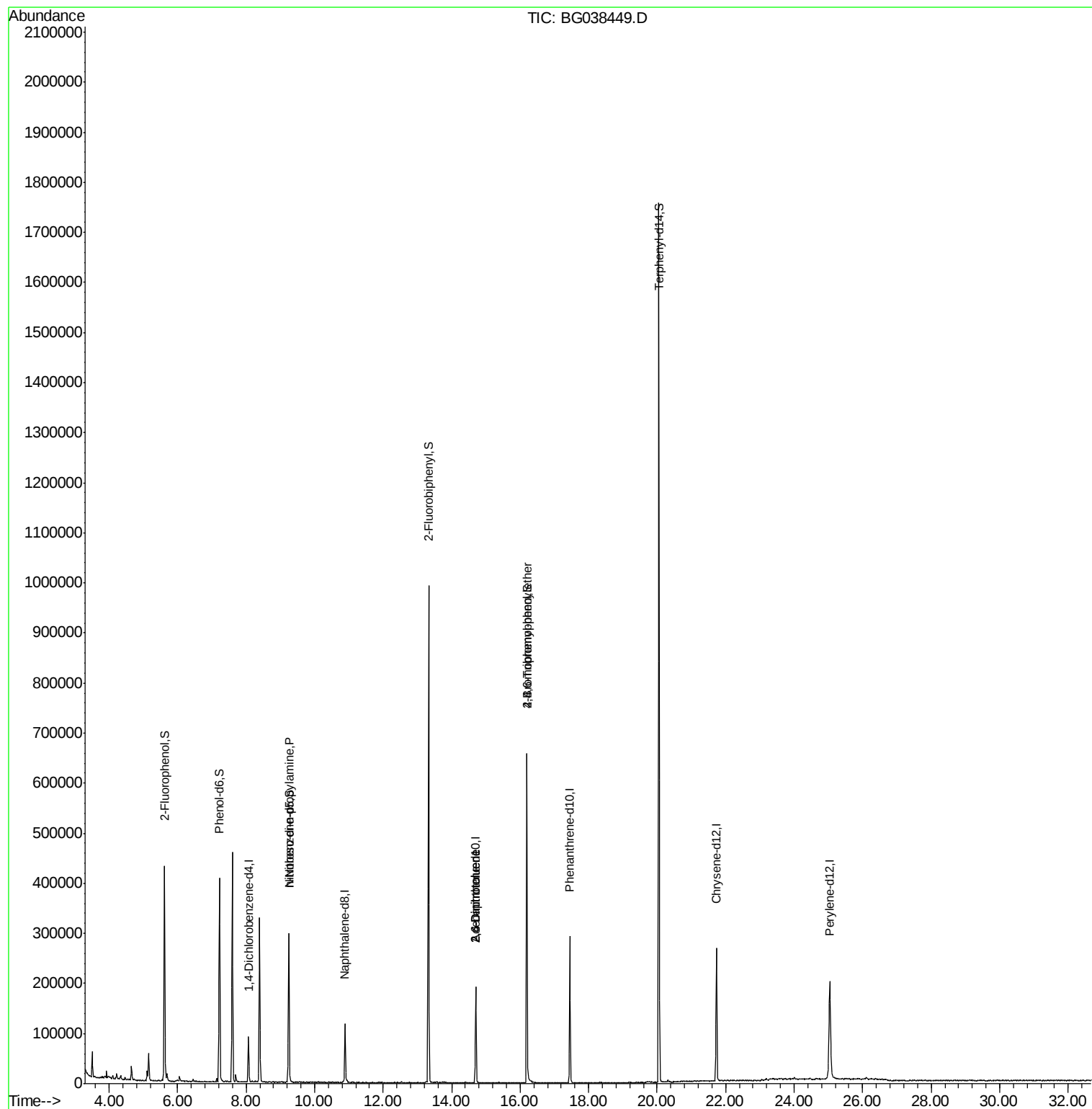
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25344	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	107135	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	70050	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	190059	20.00	ng	0.00
76) Chrysene-d12	21.73	240	182081	20.00	ng	0.00
87) Perylene-d12	25.04	264	247282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	183974	128.46	ng	0.00
7) Phenol-d6	7.22	99	237792	114.88	ng	0.00
23) Nitrobenzene-d5	9.25	82	182106	84.39	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	131391	152.79	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	537441	109.32	ng	0.00
79) Terphenyl-d14	20.05	244	851464	100.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	24399	14.801	ng	# 77
22) Acetophenone	8.86	105	233	Below Cal		# 48
51) 2,6-Dinitrotoluene	14.70	165	8924	6.953	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	8924	5.041	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	8933	4.352	ng	# 1

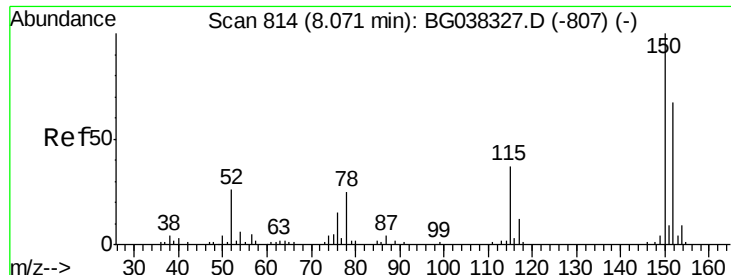
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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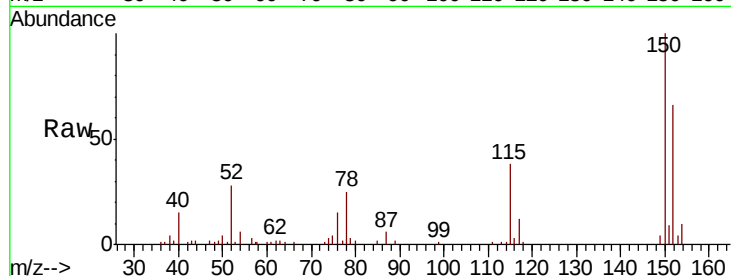




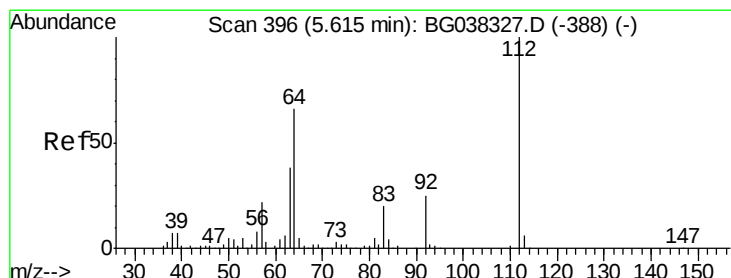
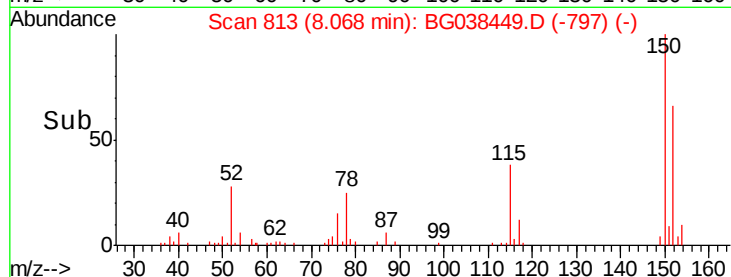
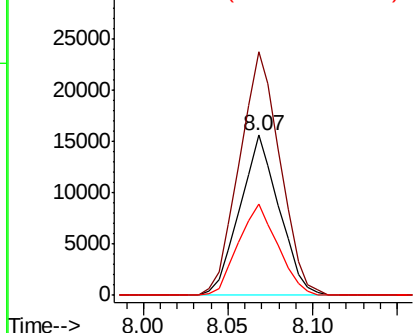
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG038449.D
 Acq: 10 Dec 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-120718

Tgt Ion:152 Resp: 25344
 Ion Ratio Lower Upper
 152 100
 150 151.8 126.0 189.0
 115 57.1 45.5 68.3

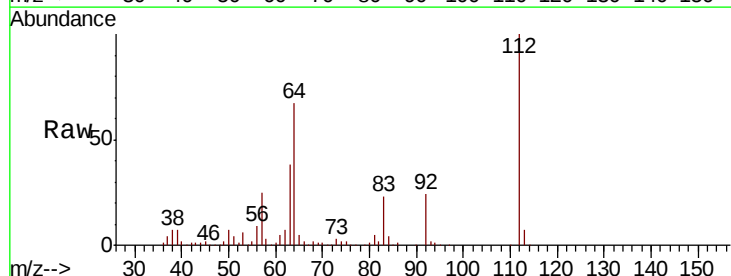


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

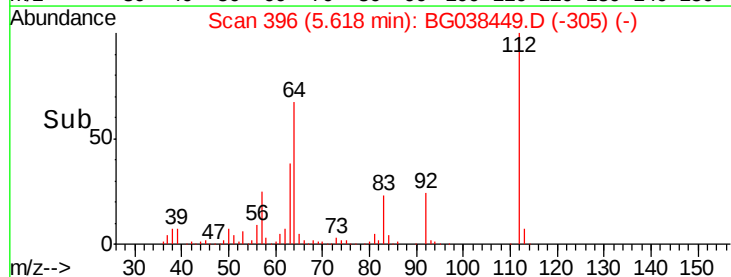
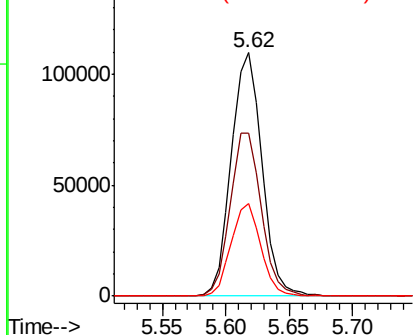


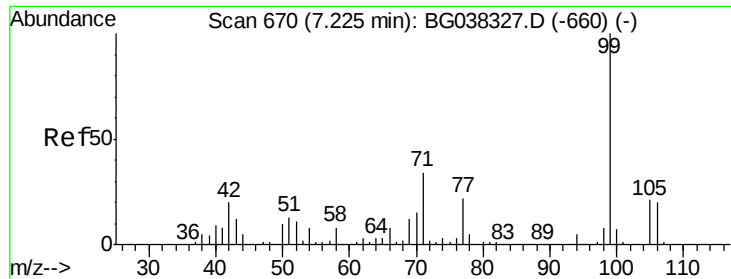
#5
 2-Fluorophenol
 Concen: 128.460 ng
 RT: 5.62 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BG038449.D
 Acq: 10 Dec 2018 21:37

Tgt Ion:112 Resp: 183974
 Ion Ratio Lower Upper
 112 100
 64 66.8 53.1 79.7
 63 38.0 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: 114.879 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038449.D

Acq: 10 Dec 2018 21:37

Instrument :

BNA_G

ClientSampleId :

PL-02-120718

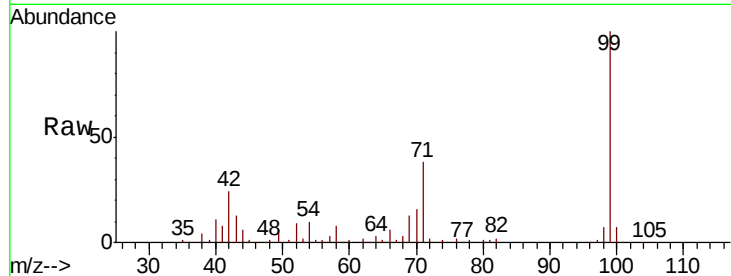
Tgt Ion: 99 Resp: 237792

Ion Ratio Lower Upper

99 100

42 23.7 15.0 22.4#

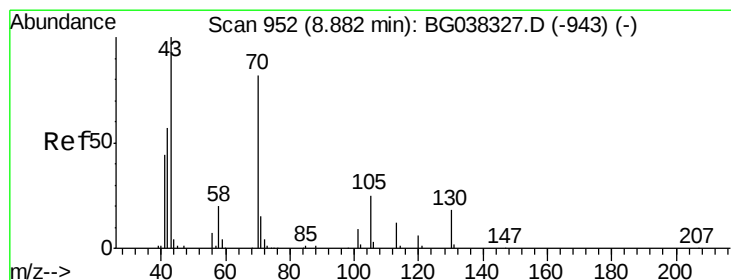
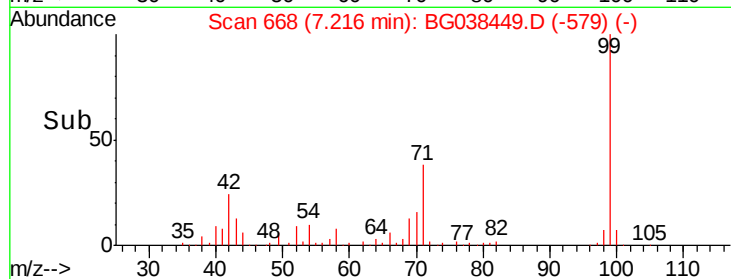
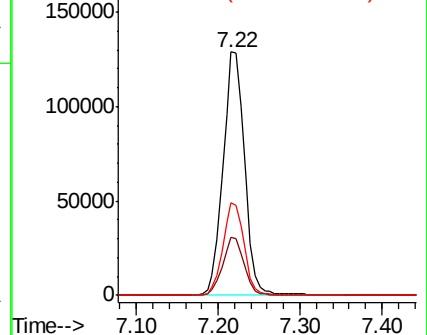
71 37.8 25.5 38.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.801 ng

RT: 9.24 min Scan# 1013

Delta R.T. 0.36 min

Lab File: BG038449.D

Acq: 10 Dec 2018 21:37

Tgt Ion: 70 Resp: 24399

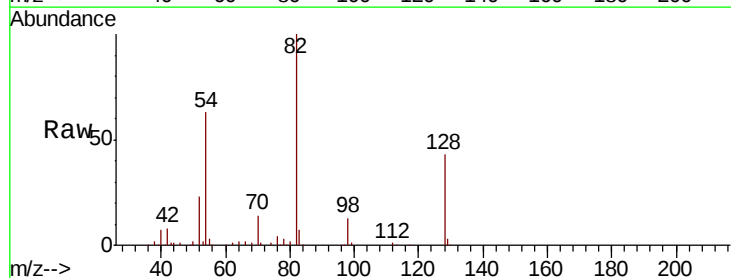
Ion Ratio Lower Upper

70 100

42 54.8 53.9 80.9

101 0.0 8.2 12.2#

130 1.7 18.2 27.4#

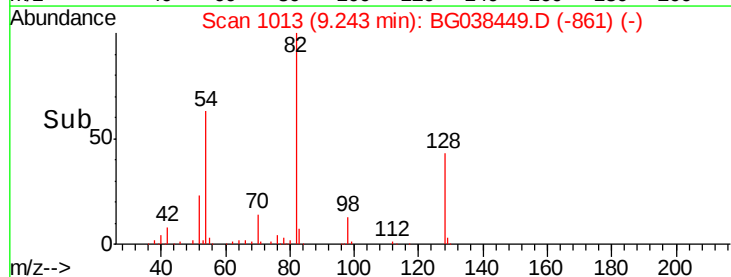
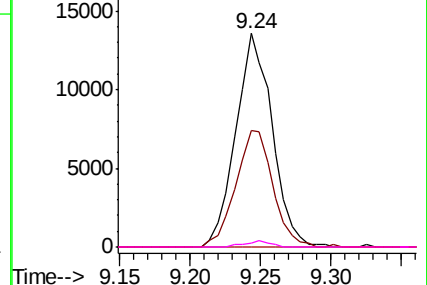


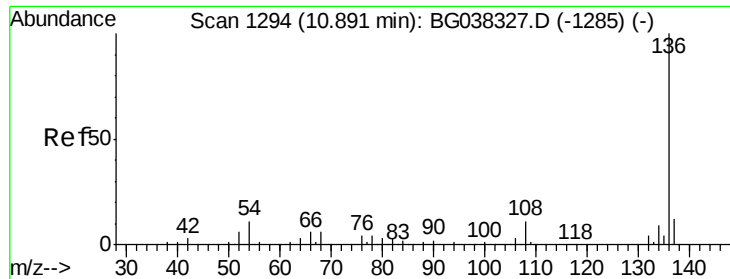
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

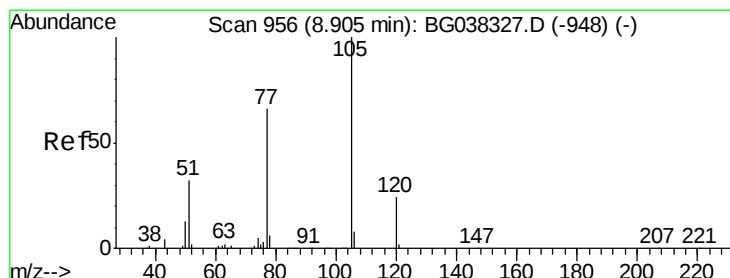
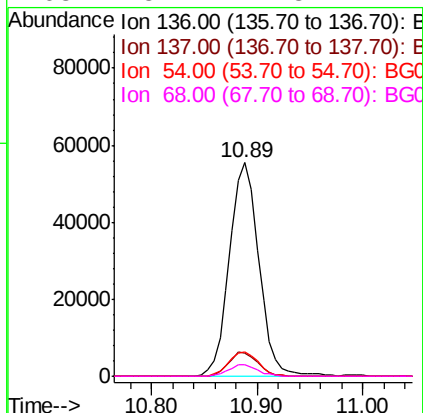
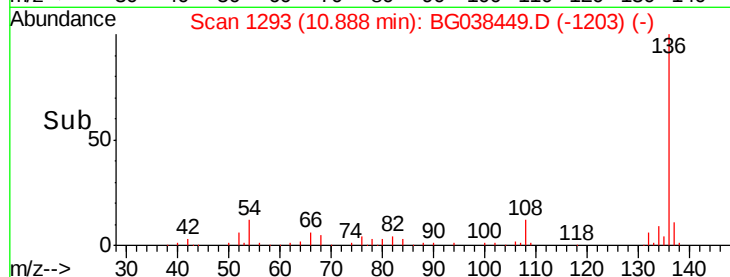
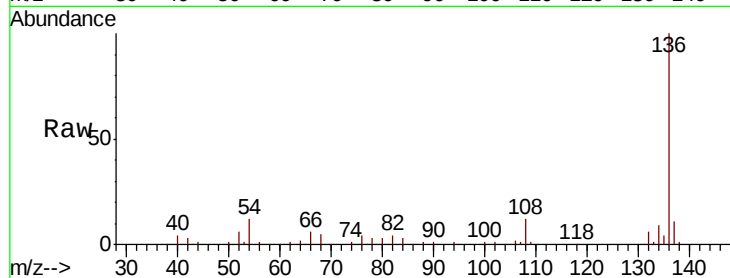




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038449.D
Acq: 10 Dec 2018 21:37

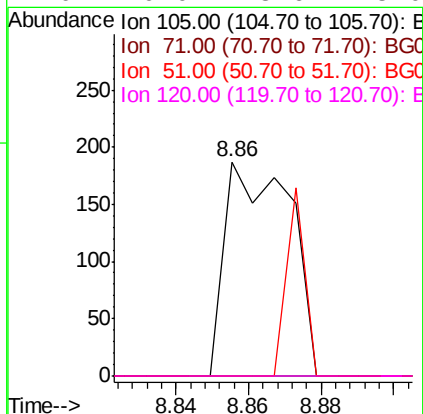
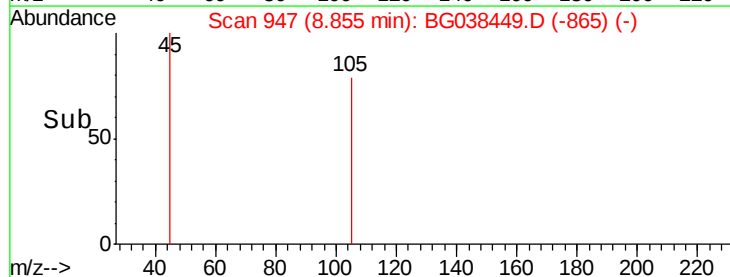
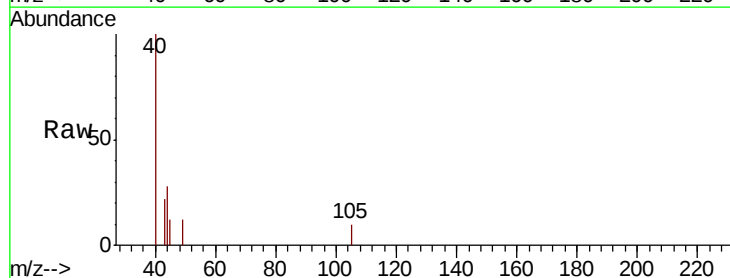
Instrument :
BNA_G
ClientSampleId :
PL-02-120718

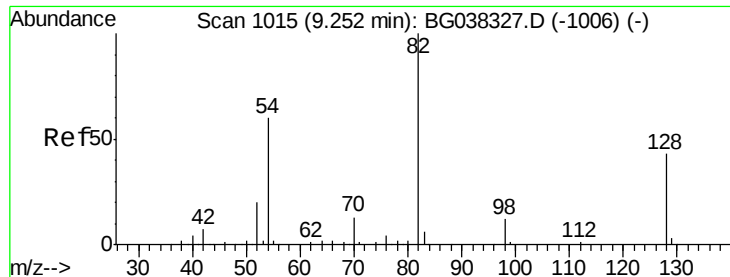
Tgt Ion:	136	Resp:	107135
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	11.6	7.9	11.9
68	5.2	4.8	7.2



#22
Acetophenone
Concen: Below Cal
RT: 8.86 min Scan# 947
Delta R.T. -0.05 min
Lab File: BG038449.D
Acq: 10 Dec 2018 21:37

Tgt Ion:	105	Resp:	233
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#

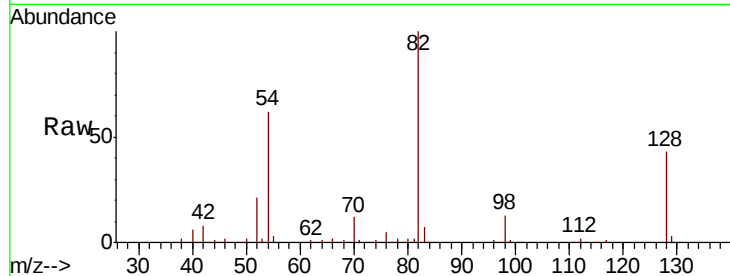




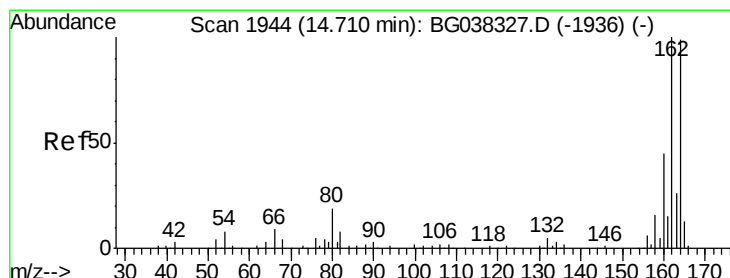
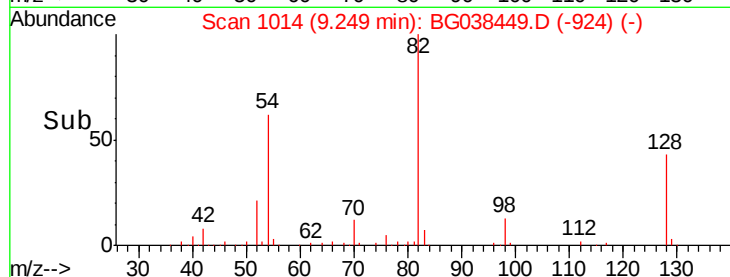
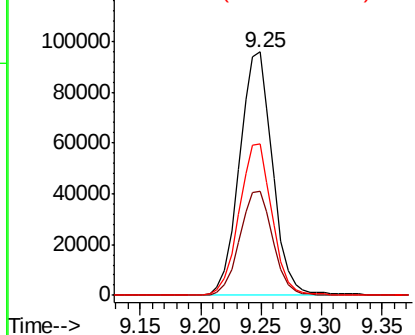
#23
 Nitrobenzene-d5
 Concen: 84.390 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG038449.D
 Acq: 10 Dec 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-120718

Tgt Ion: 82 Resp: 182106
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.6 51.8
 54 62.4 45.3 67.9

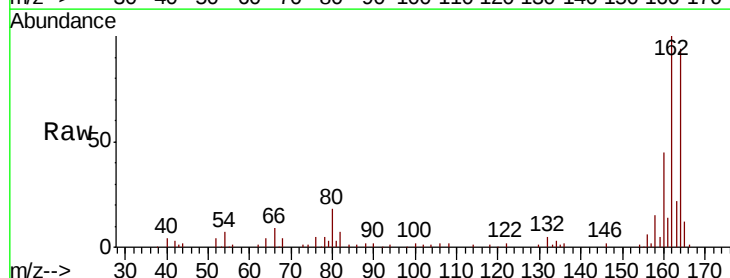


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

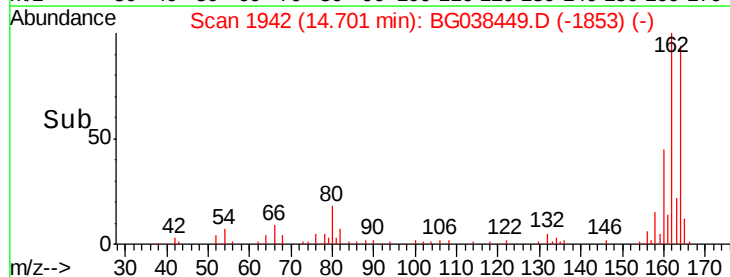
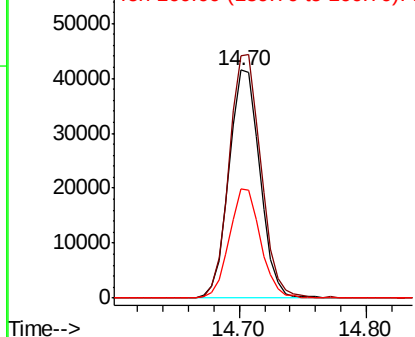


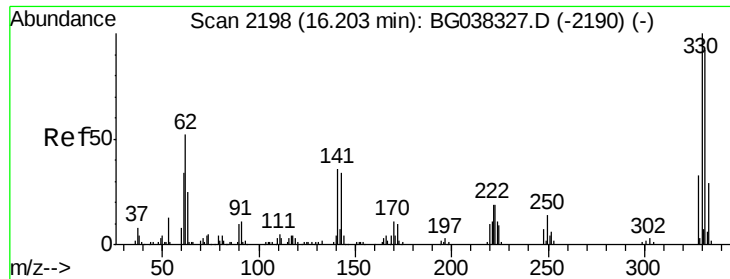
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: BG038449.D
 Acq: 10 Dec 2018 21:37

Tgt Ion: 164 Resp: 70050
 Ion Ratio Lower Upper
 164 100
 162 106.5 81.3 121.9
 160 47.8 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 152.789 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038449.D

Acq: 10 Dec 2018 21:37

Instrument :

BNA_G

ClientSampleId :

PL-02-120718

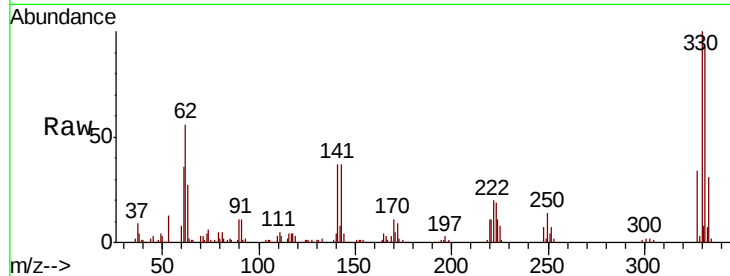
Tgt Ion:330 Resp: 131391

Ion Ratio Lower Upper

330 100

332 95.1 78.4 117.6

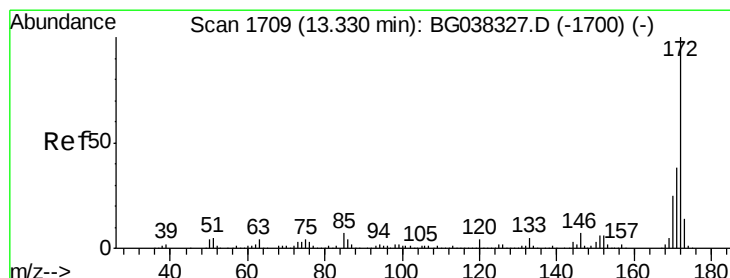
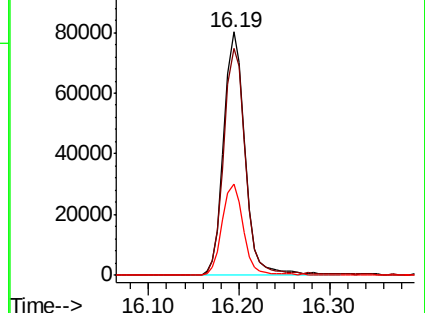
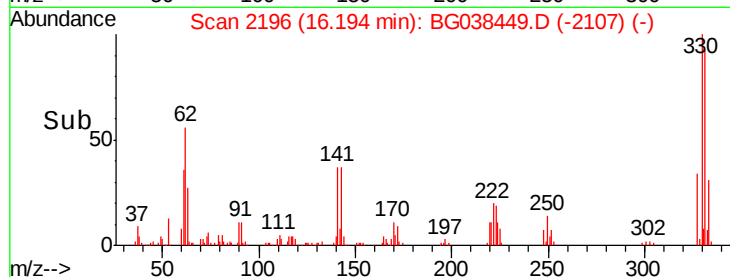
141 37.8 32.2 48.2



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: 109.323 ng

RT: 13.33 min Scan# 1708

Delta R.T. -0.00 min

Lab File: BG038449.D

Acq: 10 Dec 2018 21:37

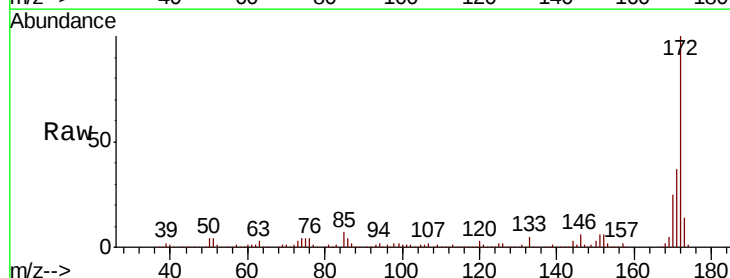
Tgt Ion:172 Resp: 537441

Ion Ratio Lower Upper

172 100

171 37.4 31.0 46.4

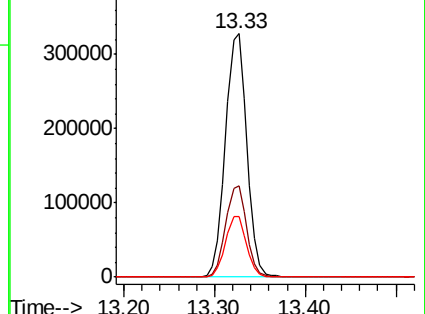
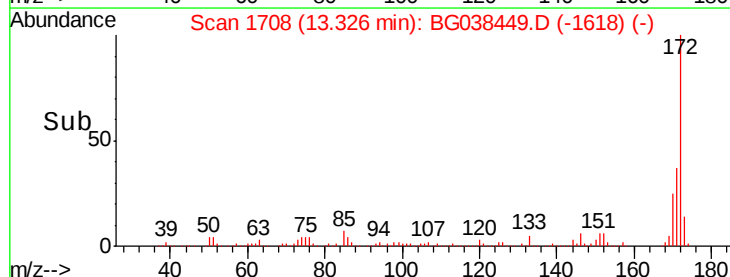
170 24.7 20.2 30.2

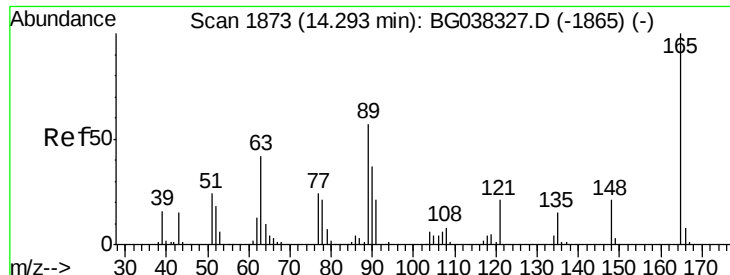


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

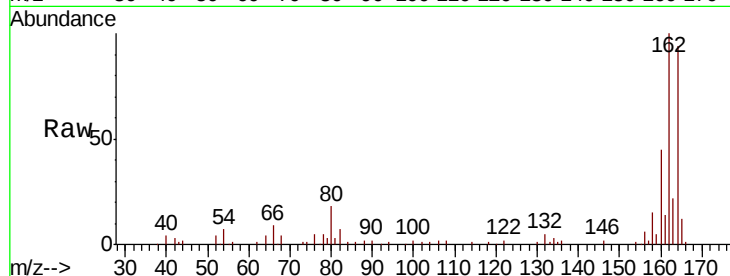




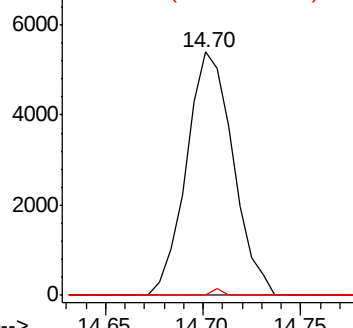
#51
 2,6-Dinitrotoluene
 Concen: 6.953 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. 0.41 min
 Lab File: BG038449.D
 Acq: 10 Dec 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-120718

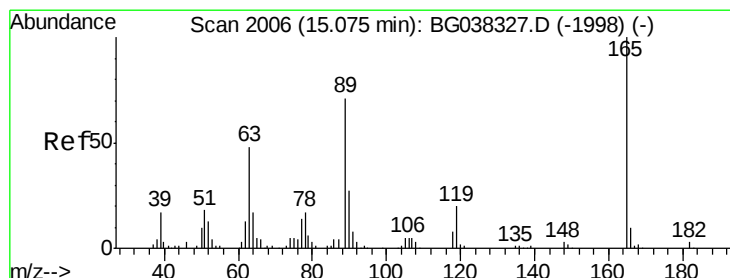
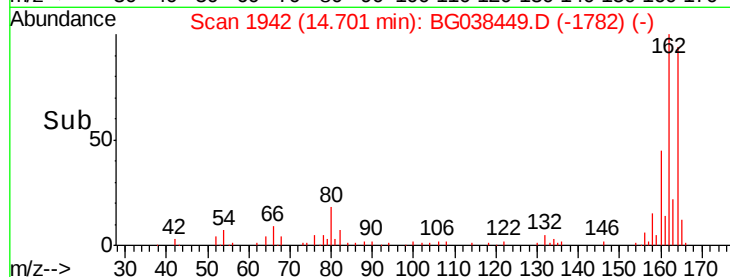
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



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

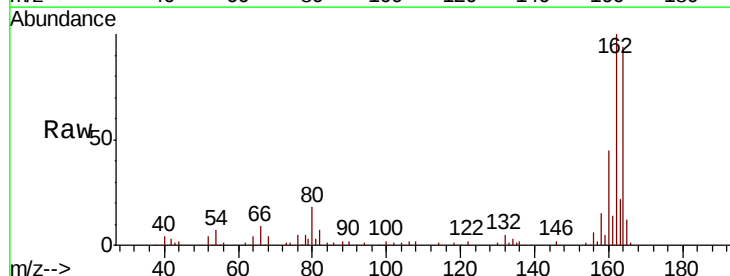


Time-->

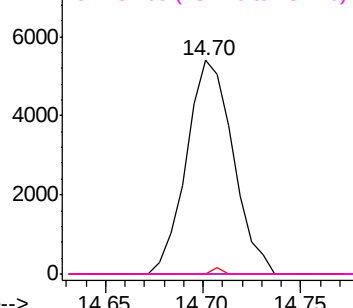


#57
 2,4-Dinitrotoluene
 Concen: 5.041 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.37 min
 Lab File: BG038449.D
 Acq: 10 Dec 2018 21:37

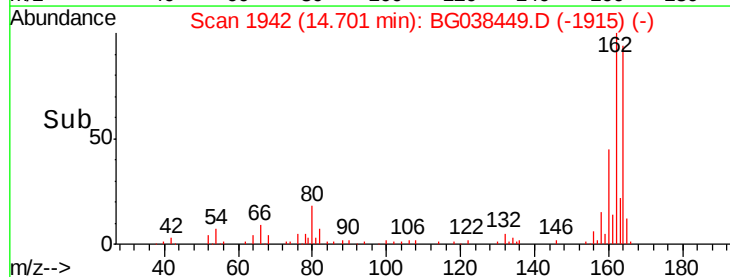
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

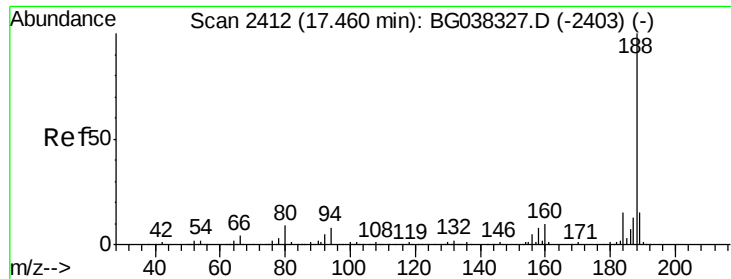


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E



Time-->

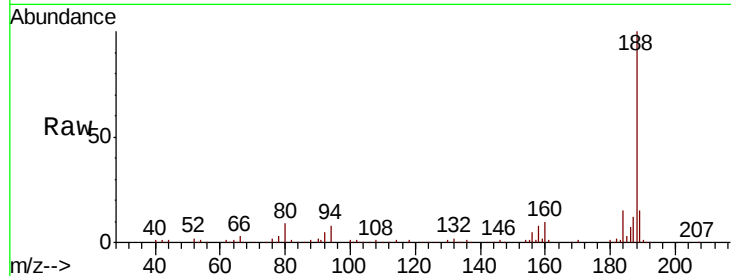




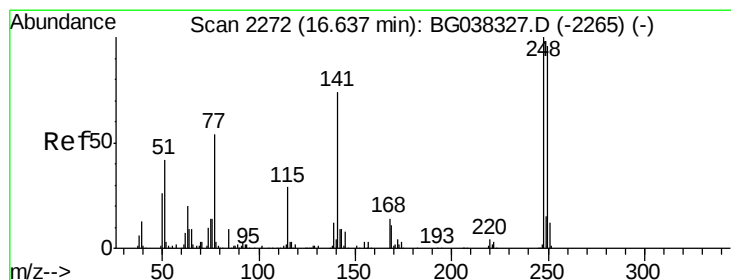
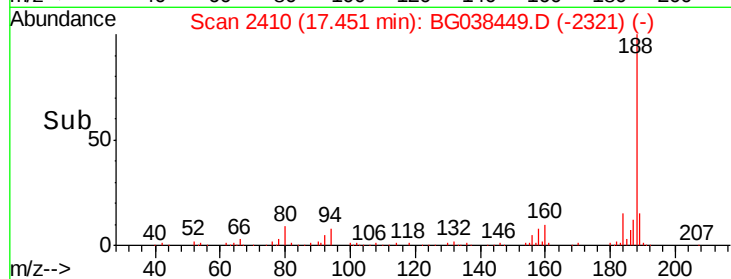
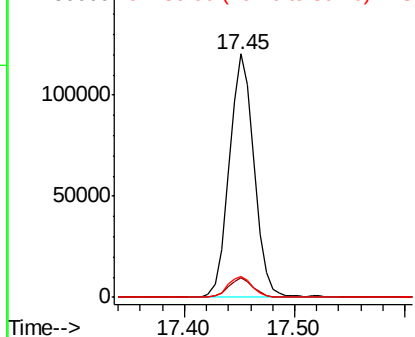
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038449.D
 Acq: 10 Dec 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-120718

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.5	7.7	11.5

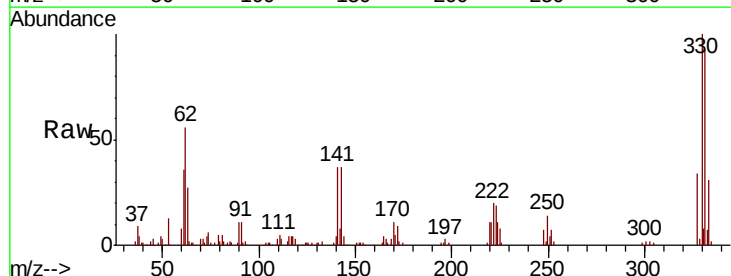


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

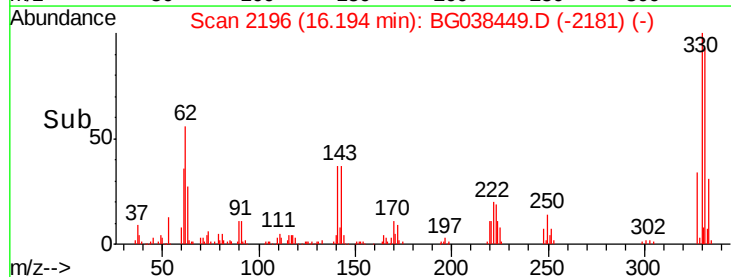
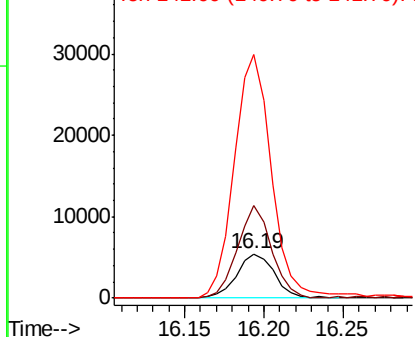


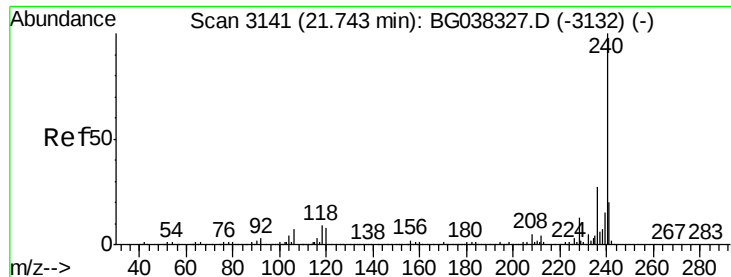
#67
 4-Bromophenyl-phenylether
 Concen: 4.352 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.44 min
 Lab File: BG038449.D
 Acq: 10 Dec 2018 21:37

Tgt Ion	Ratio	Lower	Upper
248	100		
250	200.6	77.0	115.6#
141	409.5	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

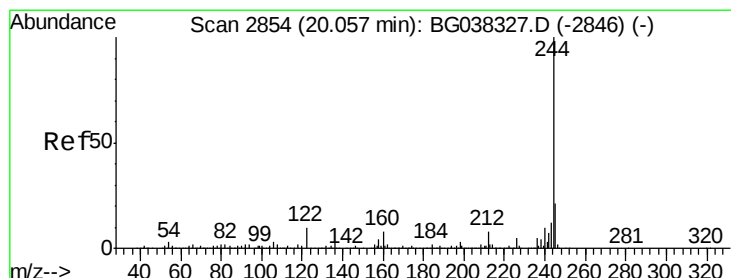
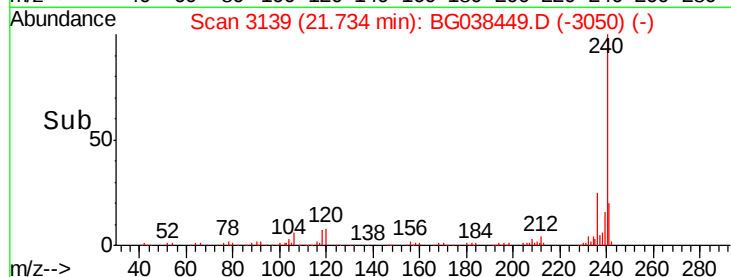
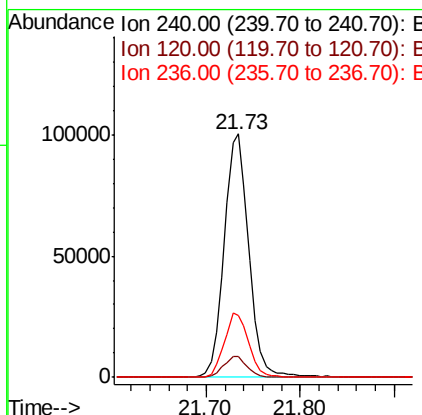
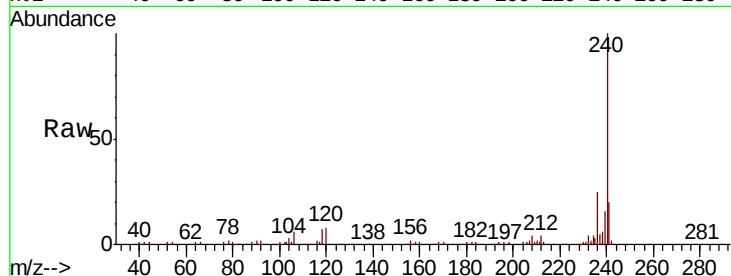




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038449.D
Acq: 10 Dec 2018 21:37

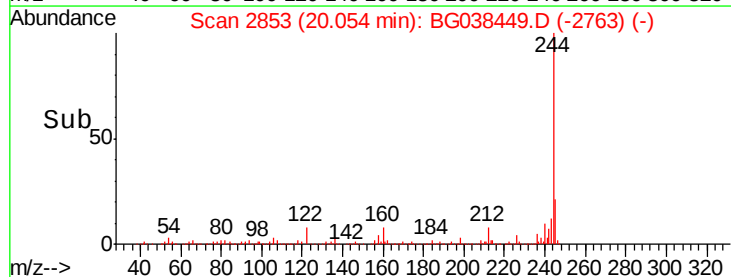
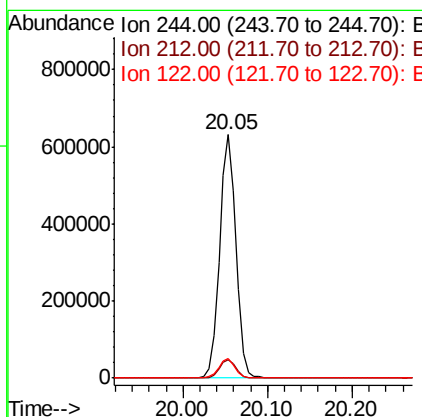
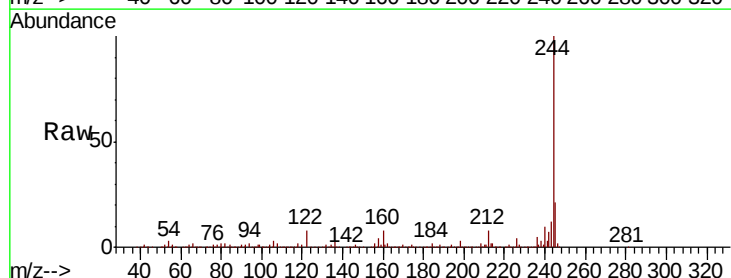
Instrument :
BNA_G
ClientSampled :
PL-02-120718

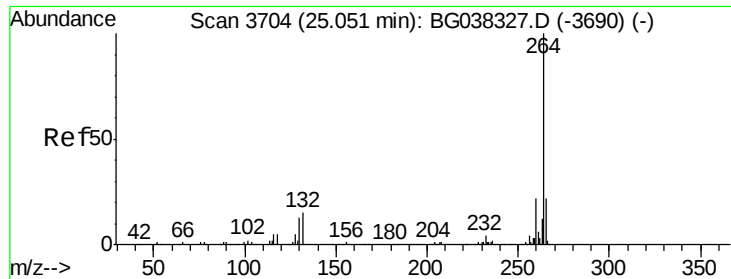
Tgt Ion:240 Resp: 182081
Ion Ratio Lower Upper
240 100
120 8.5 8.1 12.1
236 25.4 21.4 32.0



#79
Terphenyl-d14
Concen: 100.178 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG038449.D
Acq: 10 Dec 2018 21:37

Tgt Ion:244 Resp: 851464
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 8.0 9.0 13.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038449.D
Acq: 10 Dec 2018 21:37

Instrument :
BNA_G
ClientSampleId :
PL-02-120718

Tgt Ion: 264 Resp: 247282
Ion Ratio Lower Upper
264 100
260 23.0 18.2 27.4
265 19.3 17.9 26.9

