

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
 Data File : BG041861.D
 Acq On : 1 Aug 2019 13:38
 Operator : HP/JU
 Sample : K4021-12RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Aug 02 01:30:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

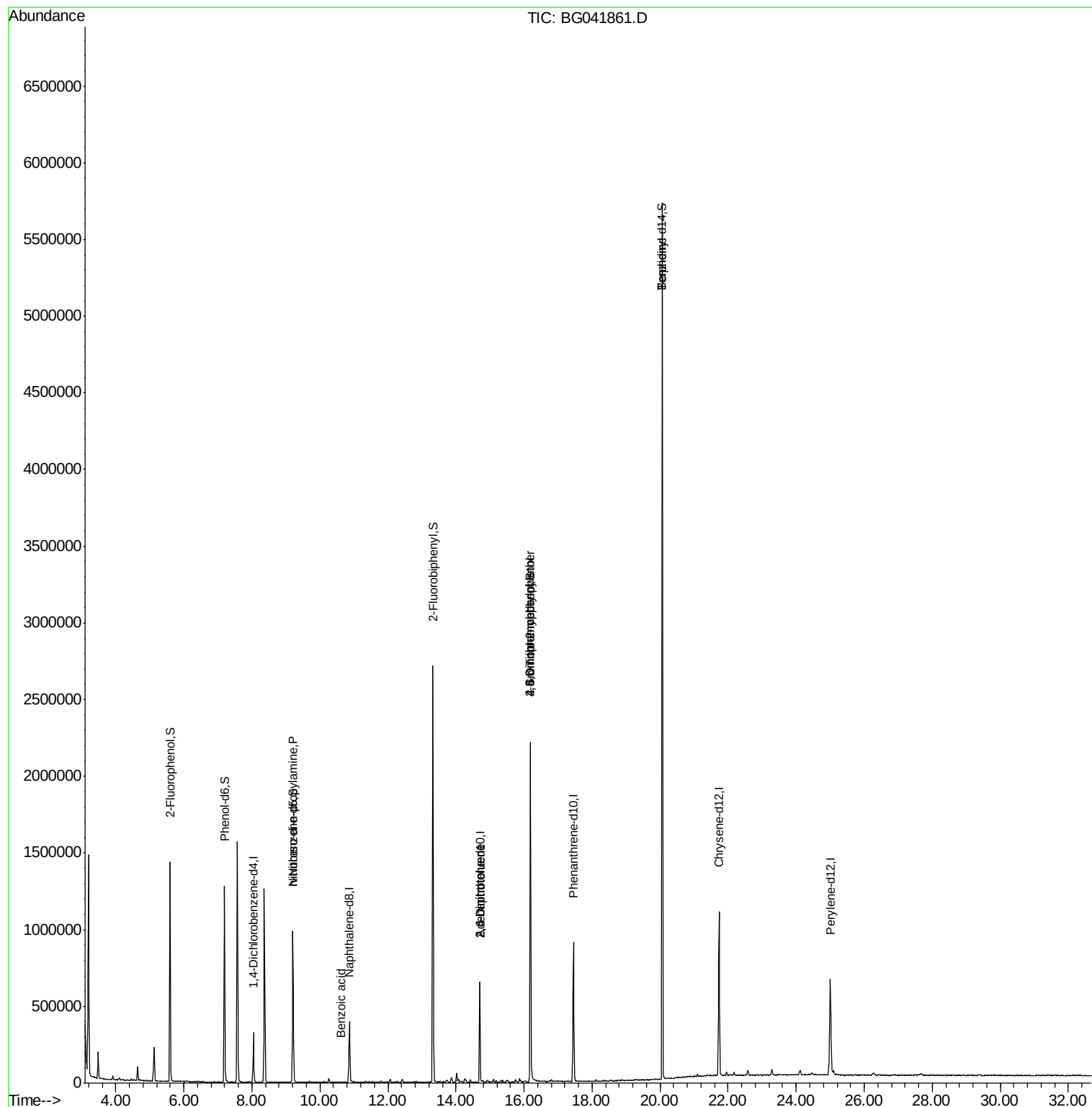
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	98172	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	364978	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	253062	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	604360	20.00	ng	0.00
76) Chrysene-d12	21.73	240	655104	20.00	ng	0.00
87) Perylene-d12	25.00	264	751697	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	642975	127.43	ng	0.00
7) Phenol-d6	7.20	99	781357	114.86	ng	0.00
23) Nitrobenzene-d5	9.21	82	594235	112.04	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	491815	171.10	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1495644	104.24	ng	0.00
79) Terphenyl-d14	20.06	244	2564824	89.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	80548	16.310	ng	# 68
32) Benzoic acid	10.60	122	57	8.743	ng	# 1
51) 2,6-Dinitrotoluene	14.69	165	33913	9.384	ng	# 28
57) 2,4-Dinitrotoluene	14.69	165	33913	6.824	ng	# 30
65) 4,6-Dinitro-2-methylphenol	16.19	198	1309	7.232	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	36800	4.943	ng	# 1
77) Benzidine	20.06	184	45081	2.108	ng	# 91

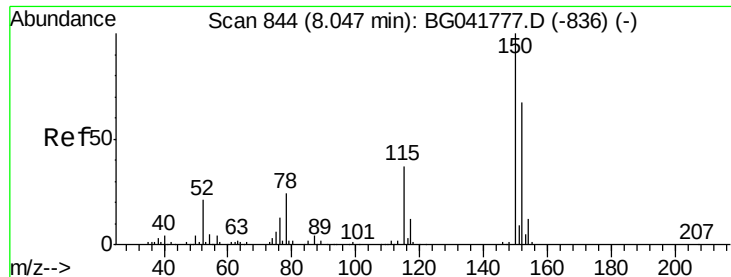
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
Data File : BG041861.D
Acq On : 1 Aug 2019 13:38
Operator : HP/JU
Sample : K4021-12RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

Quant Time: Aug 02 01:30:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration



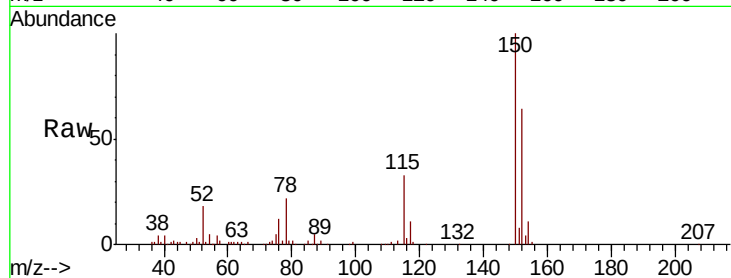


#1

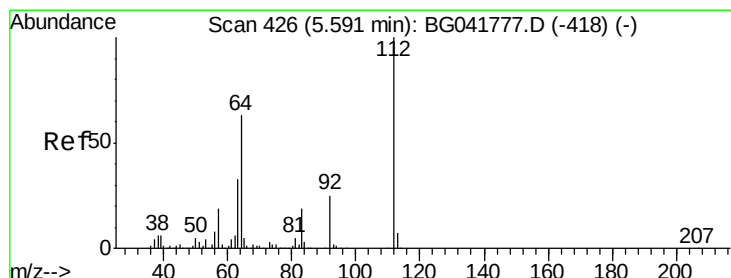
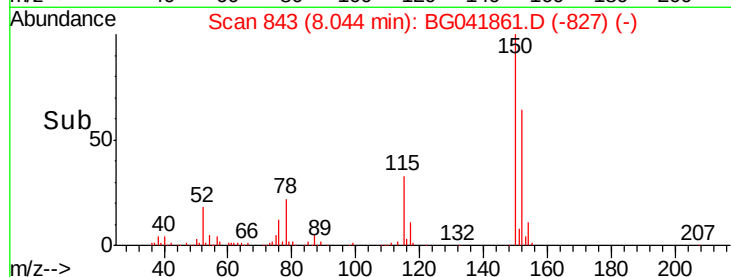
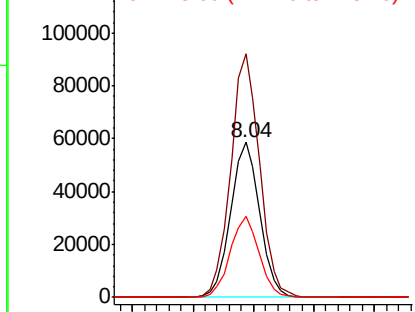
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041861.D
Acq: 1 Aug 2019 13:38

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:152 Resp: 98172
Ion Ratio Lower Upper
152 100
150 157.4 126.9 190.3
115 52.7 45.0 67.6



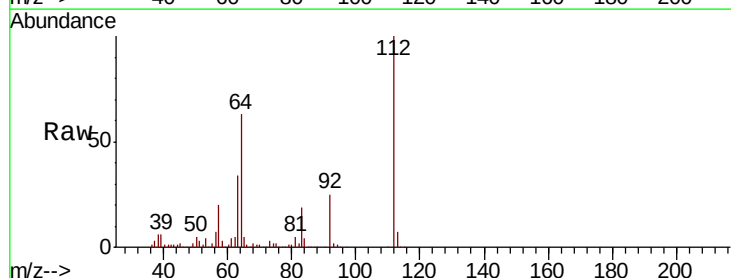
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



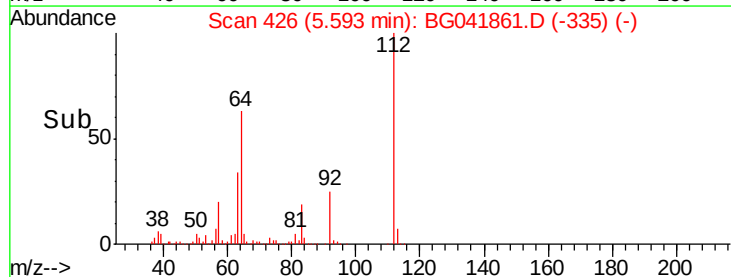
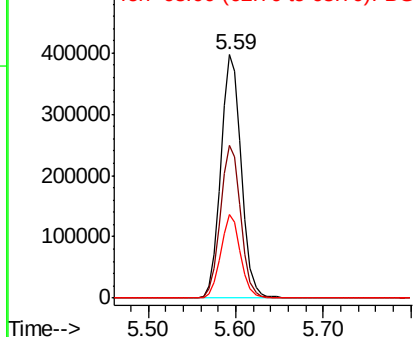
#5

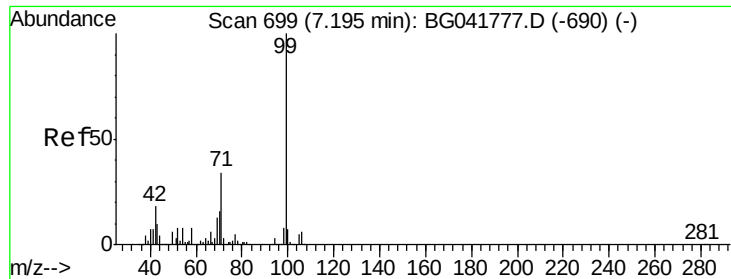
2-Fluorophenol
Concen: 127.428 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041861.D
Acq: 1 Aug 2019 13:38

Tgt Ion:112 Resp: 642975
Ion Ratio Lower Upper
112 100
64 62.6 55.4 83.2
63 34.2 29.1 43.7



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





#7

Phenol-d6

Concen: 114.863 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041861.D

Acq: 1 Aug 2019 13:38

Instrument :

BNA_F

ClientSampled :

TP-7

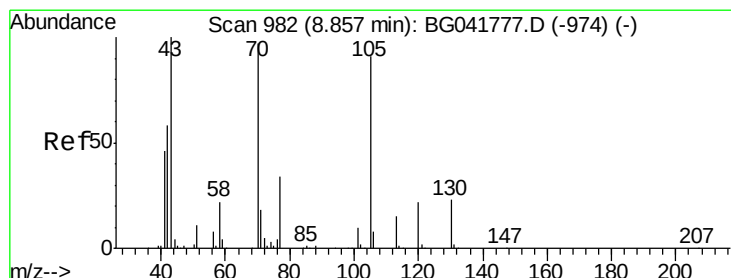
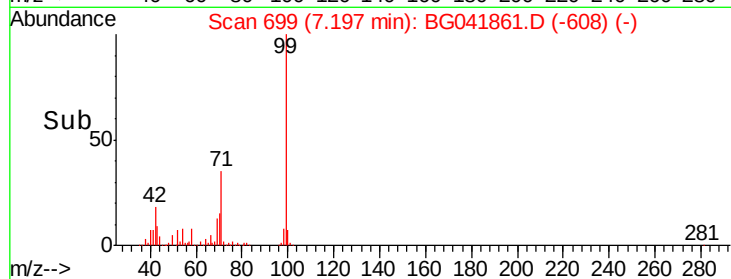
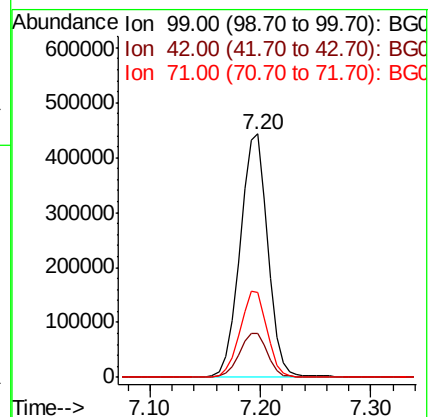
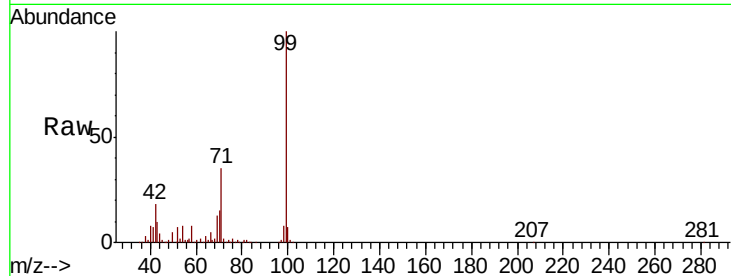
Tgt Ion: 99 Resp: 781357

Ion Ratio Lower Upper

99 100

42 17.9 17.6 26.4

71 34.9 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.310 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.35 min

Lab File: BG041861.D

Acq: 1 Aug 2019 13:38

Tgt Ion: 70 Resp: 80548

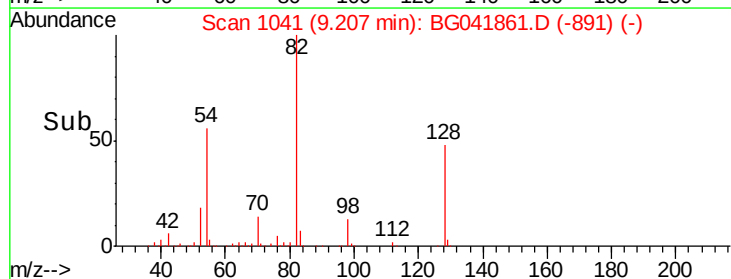
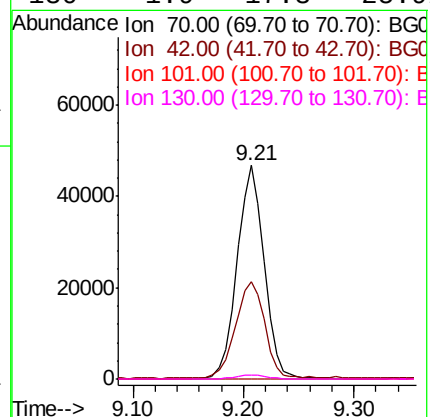
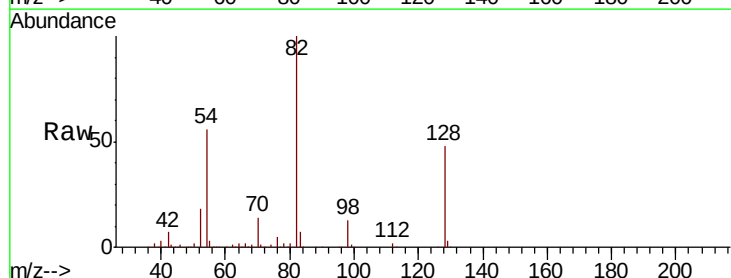
Ion Ratio Lower Upper

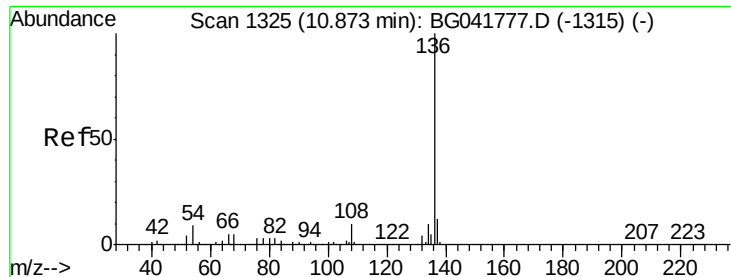
70 100

42 45.6 55.8 83.6#

101 0.0 8.1 12.1#

130 1.9 17.3 25.9#

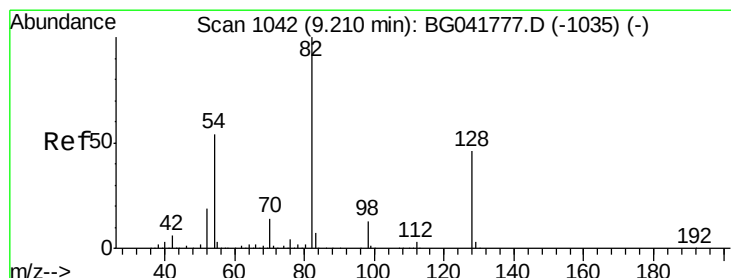
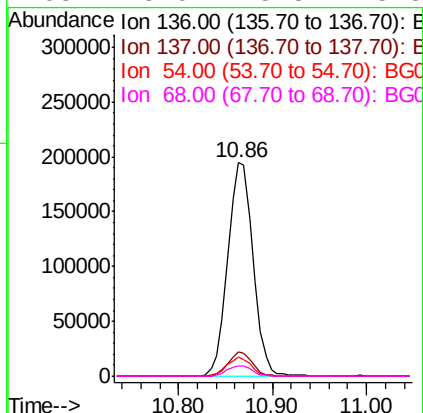
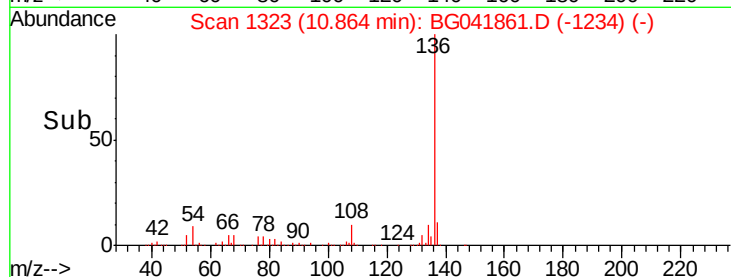
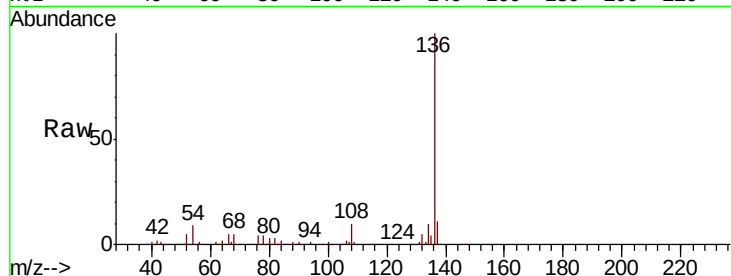




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG041861.D
Acq: 1 Aug 2019 13:38

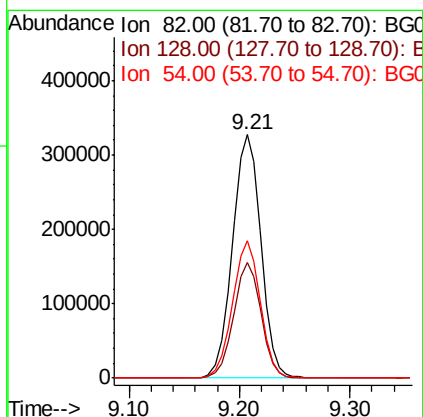
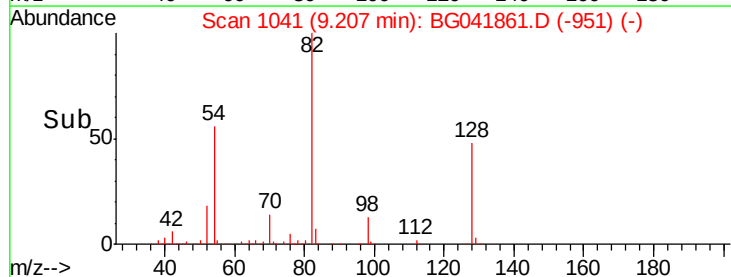
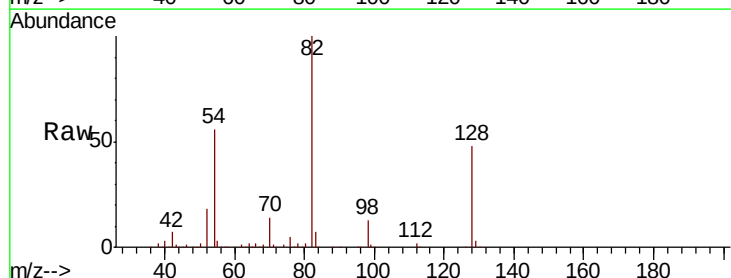
Instrument :
BNA_F
ClientSampleId :
TP-7

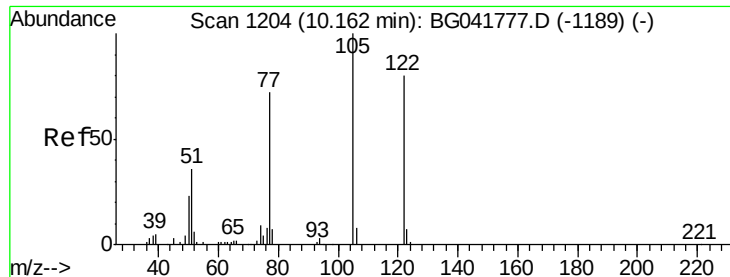
Tgt Ion:	136	Resp:	364978
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.8	8.7	13.1
68	5.0	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 112.042 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041861.D
Acq: 1 Aug 2019 13:38

Tgt Ion:	82	Resp:	594235
Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.1	52.7
54	56.2	48.7	73.1

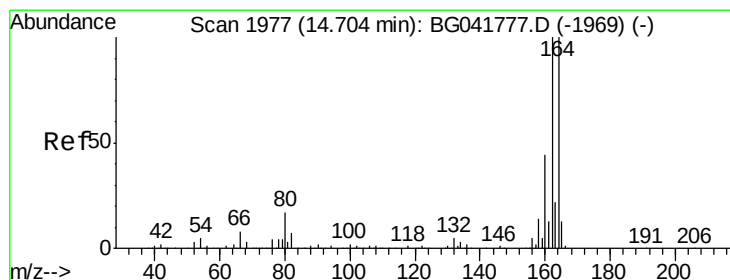
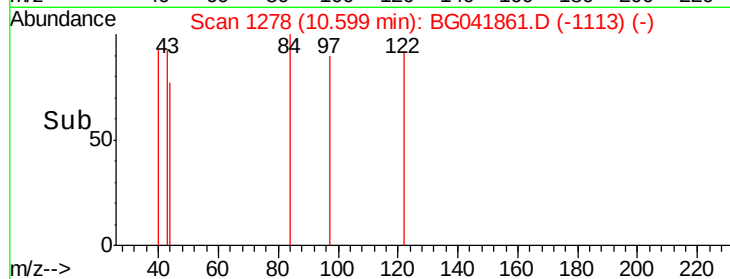
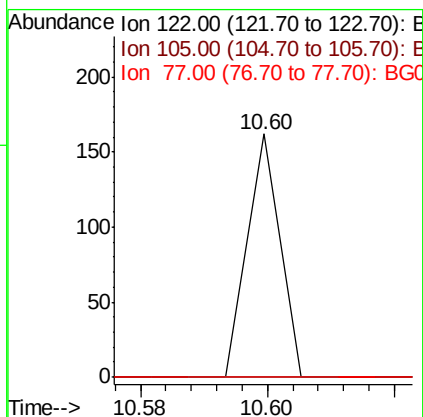
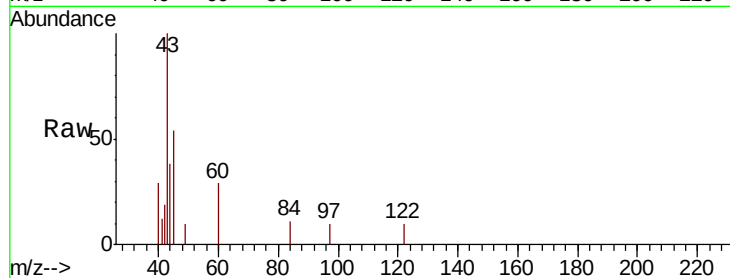




#32
Benzoic acid
Concen: 8.743 ng
RT: 10.60 min Scan# 1278
Delta R.T. 0.44 min
Lab File: BG041861.D
Acq: 1 Aug 2019 13:38

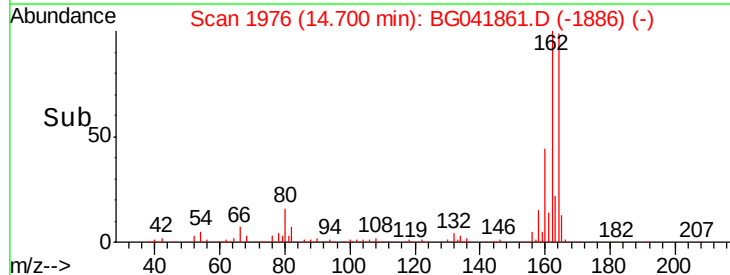
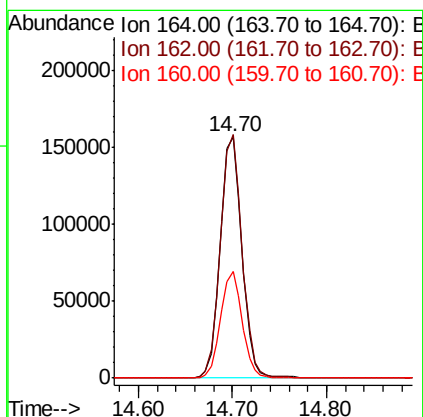
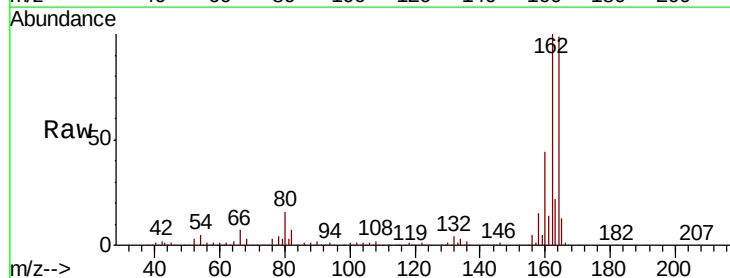
Instrument :
BNA_F
ClientSampleId :
TP-7

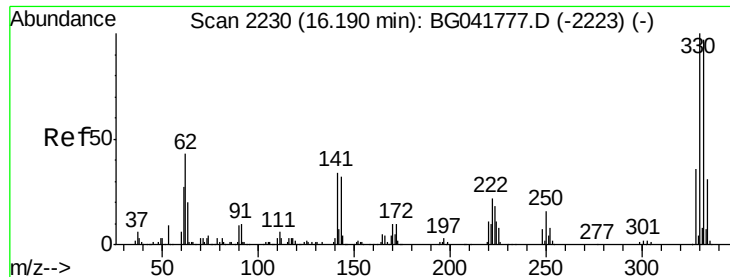
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.5	141.5#
77	0.0	73.0	113.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041861.D
Acq: 1 Aug 2019 13:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.6	119.4
160	43.9	35.4	53.0

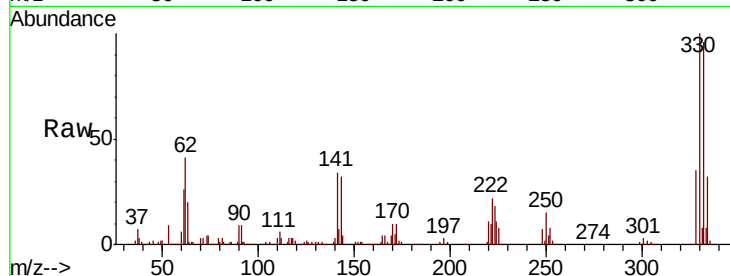




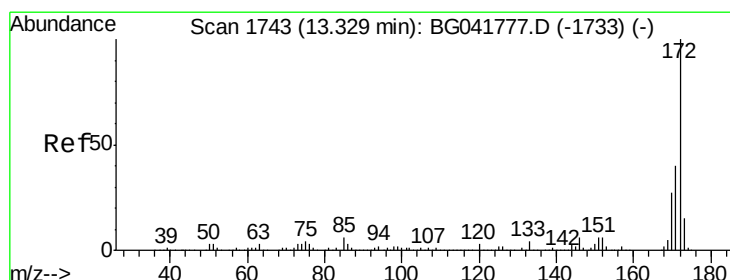
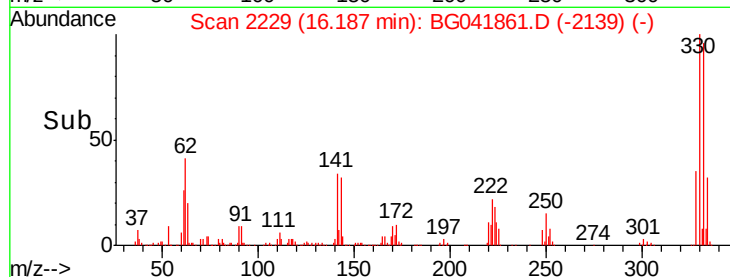
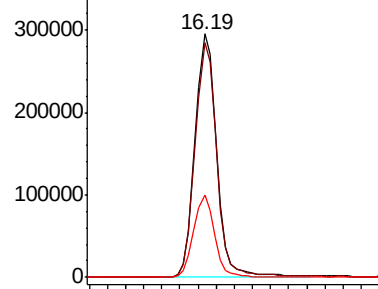
#42
 2,4,6-Tribromophenol
 Concen: 171.100 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG041861.D
 Acq: 1 Aug 2019 13:38

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tgt Ion:330 Resp: 491815
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.0
 141 32.5 31.9 47.9

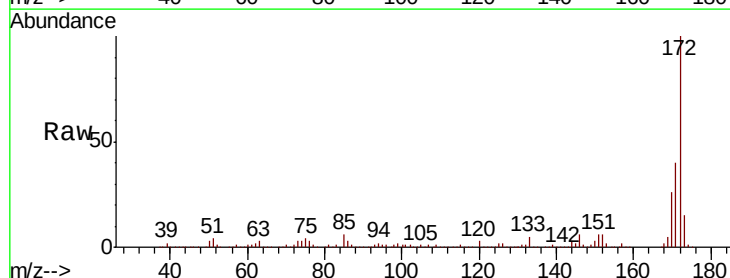


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

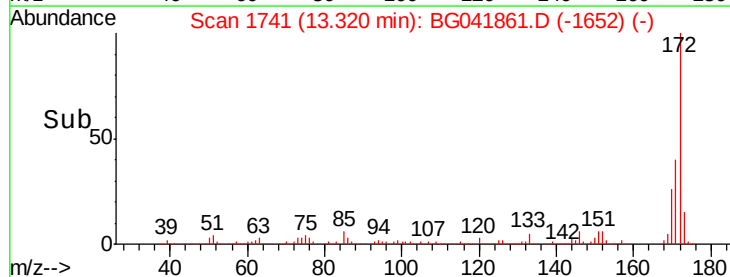
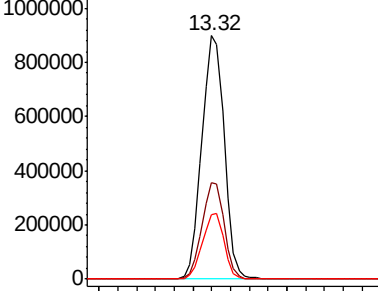


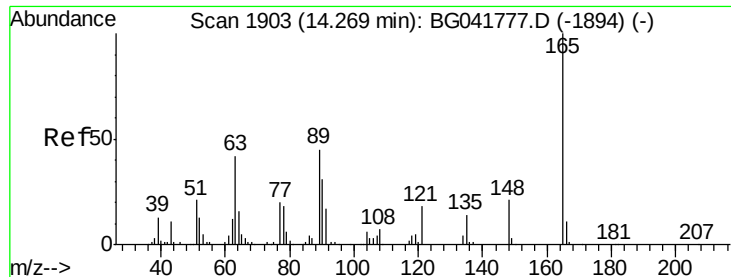
#45
 2-Fluorobiphenyl
 Concen: 104.239 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041861.D
 Acq: 1 Aug 2019 13:38

Tgt Ion:172 Resp: 1495644
 Ion Ratio Lower Upper
 172 100
 171 39.5 35.0 52.4
 170 26.5 23.5 35.3



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

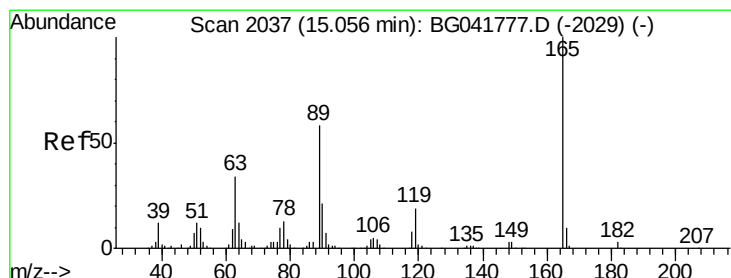
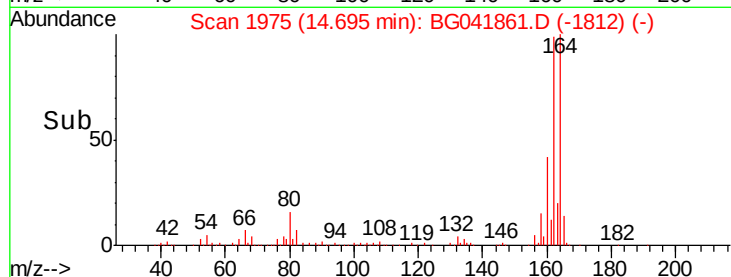
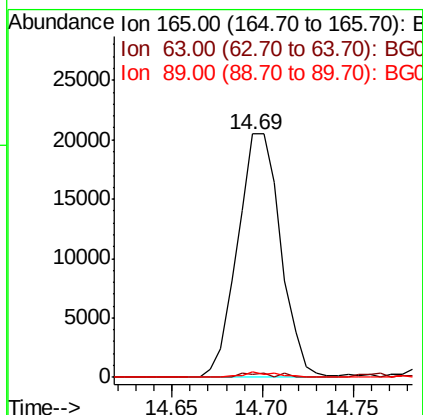
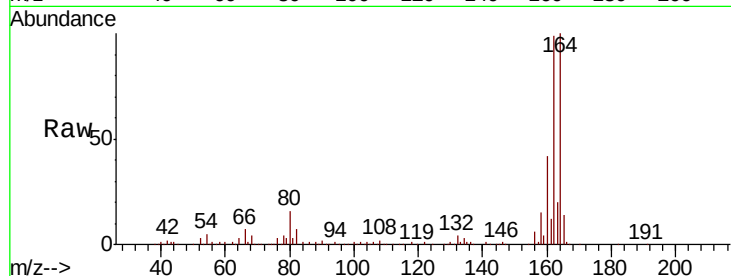




#51
 2,6-Dinitrotoluene
 Concen: 9.384 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.43 min
 Lab File: BG041861.D
 Acq: 1 Aug 2019 13:38

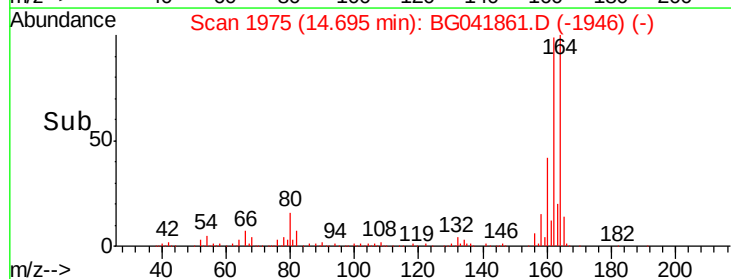
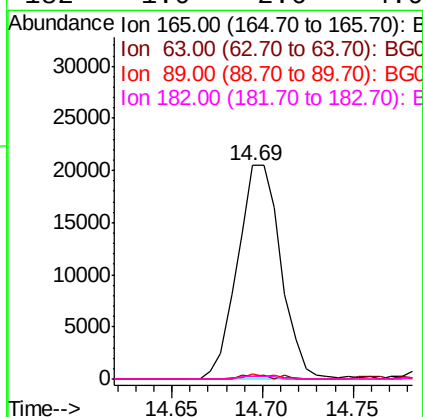
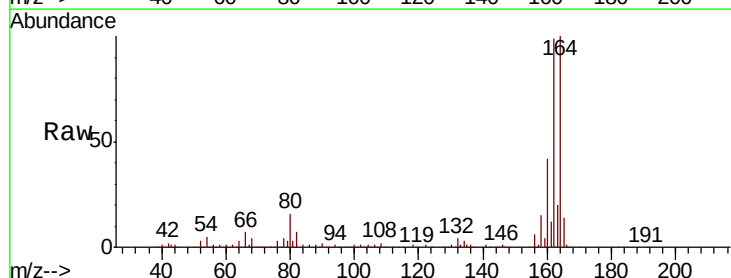
Instrument :
 BNA_F
 ClientSampled :
 TP-7

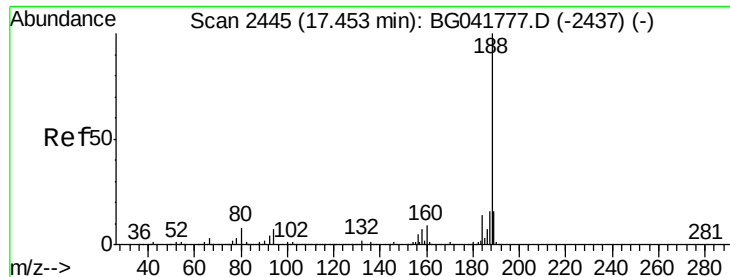
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.4	63.6#
89	2.2	42.1	63.1#



#57
 2,4-Dinitrotoluene
 Concen: 6.824 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.36 min
 Lab File: BG041861.D
 Acq: 1 Aug 2019 13:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	31.7	47.5#
89	2.2	50.2	75.4#
182	1.0	2.6	4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041861.D

Acq: 1 Aug 2019 13:38

Instrument :

BNA_F

ClientSampleId :

TP-7

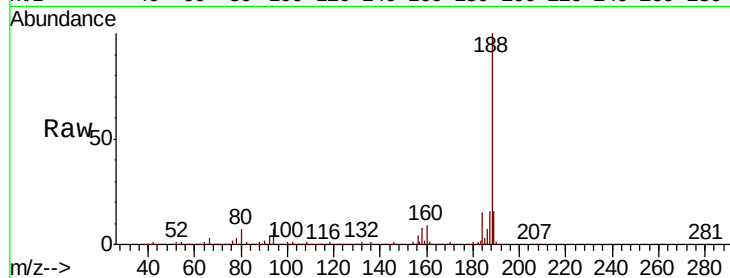
Tgt Ion:188 Resp: 604360

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

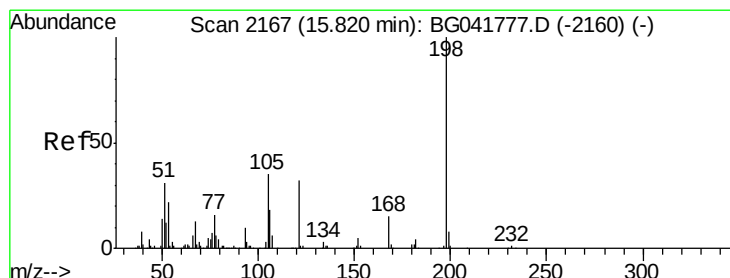
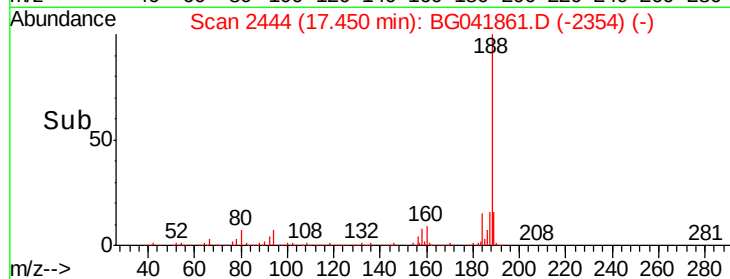
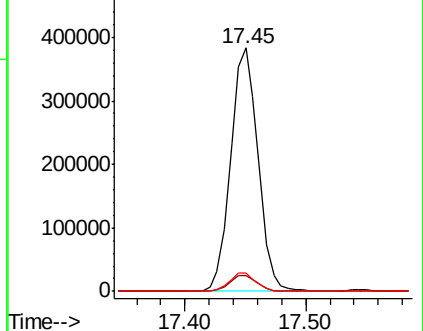
80 7.5 8.0 12.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#65

4,6-Dinitro-2-methylphenol

Concen: 7.232 ng

RT: 16.19 min Scan# 2229

Delta R.T. 0.37 min

Lab File: BG041861.D

Acq: 1 Aug 2019 13:38

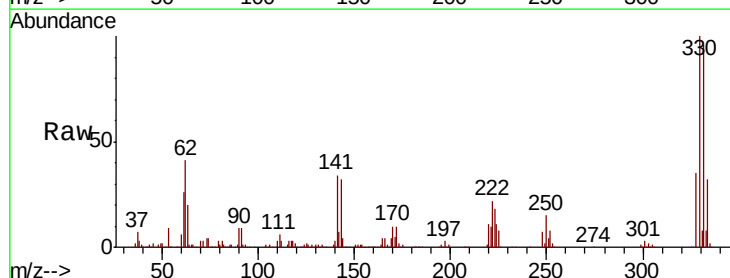
Tgt Ion:198 Resp: 1309

Ion Ratio Lower Upper

198 100

51 98.4 22.3 62.3#

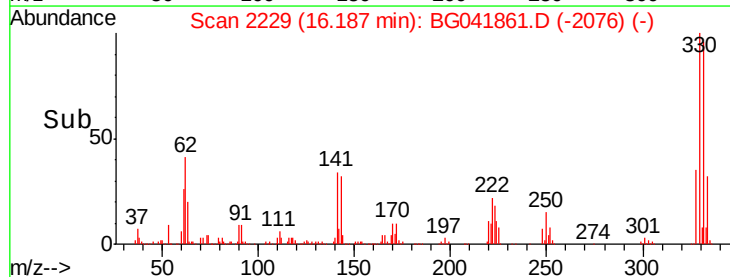
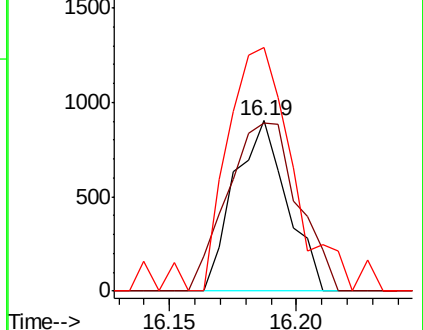
105 142.9 18.0 58.0#

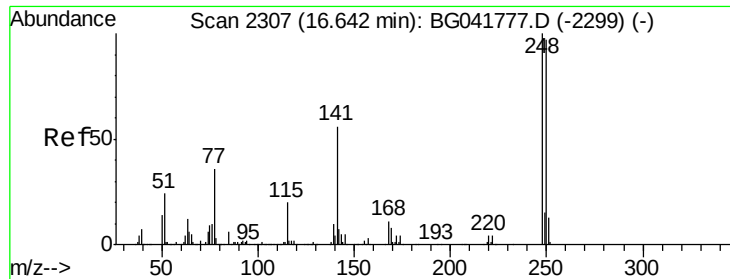


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E





#67

4-Bromophenyl-phenylether

Concen: 4.943 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.46 min

Lab File: BG041861.D

Acq: 1 Aug 2019 13:38

Instrument :

BNA_F

ClientSampleId :

TP-7

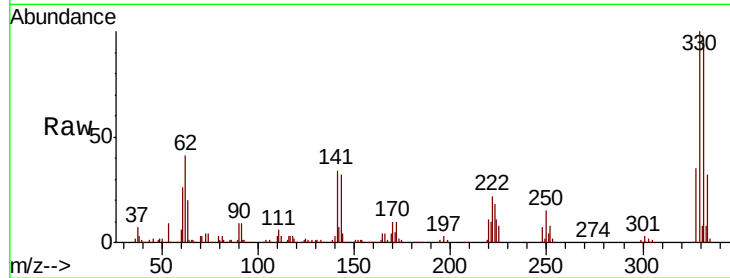
Tgt Ion:248 Resp: 36800

Ion Ratio Lower Upper

248 100

250 207.4 78.1 117.1#

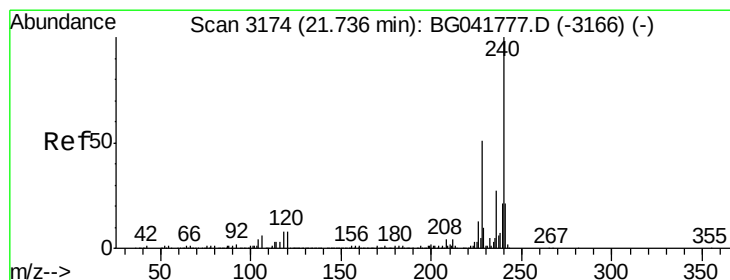
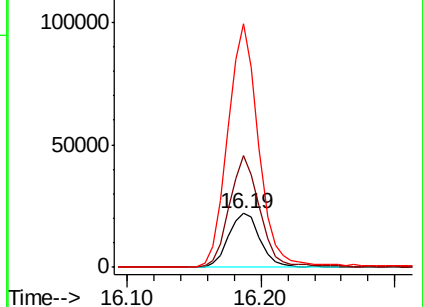
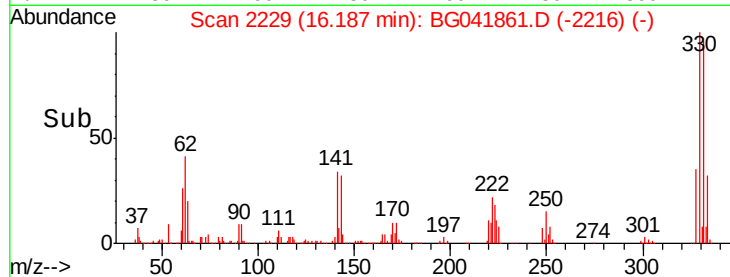
141 451.9 49.6 74.4#



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# 3173

Delta R.T. -0.00 min

Lab File: BG041861.D

Acq: 1 Aug 2019 13:38

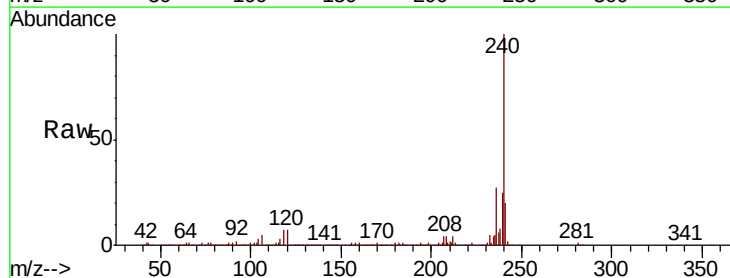
Tgt Ion:240 Resp: 655104

Ion Ratio Lower Upper

240 100

120 7.3 8.0 12.0#

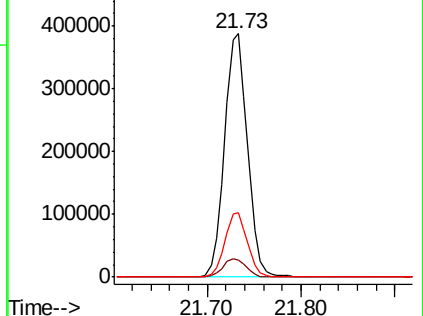
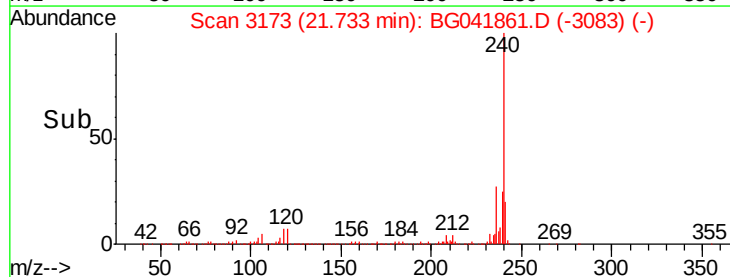
236 26.7 22.6 33.8

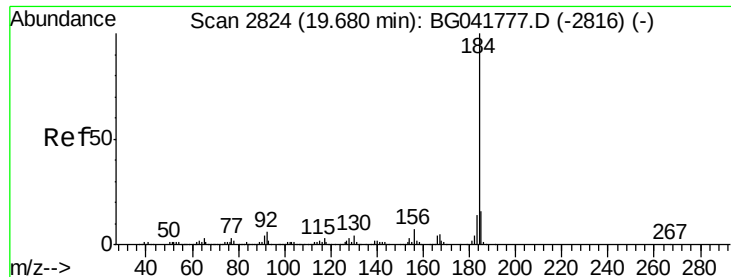


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.108 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.38 min

Lab File: BG041861.D

Acq: 1 Aug 2019 13:38

Instrument :

BNA_F

ClientSampleId :

TP-7

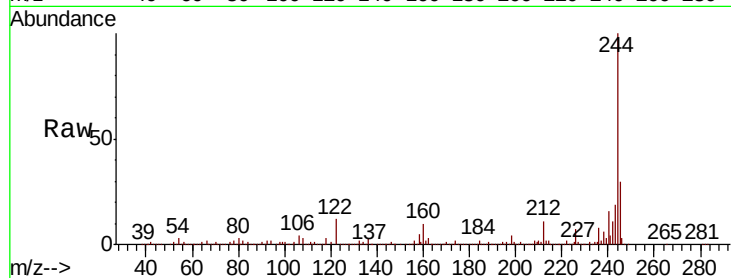
Tgt Ion:184 Resp: 45081

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.4

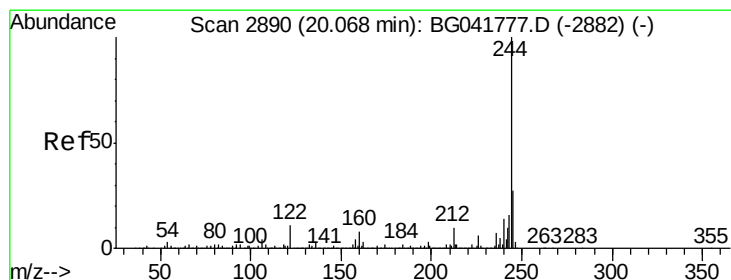
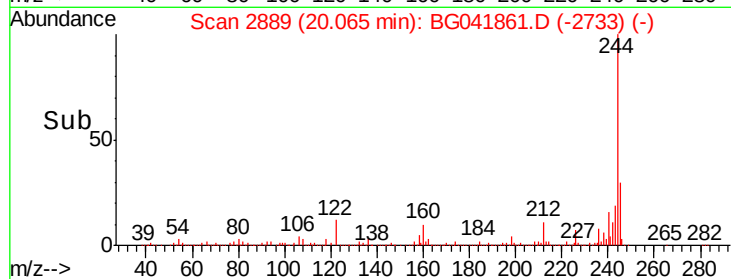
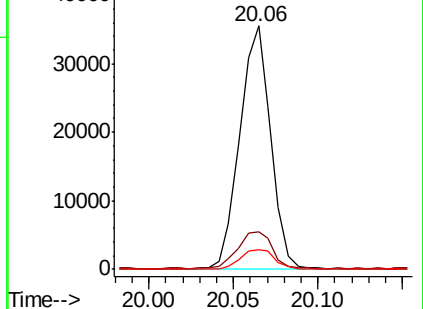
183 8.3 11.8 17.6#



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: 89.589 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041861.D

Acq: 1 Aug 2019 13:38

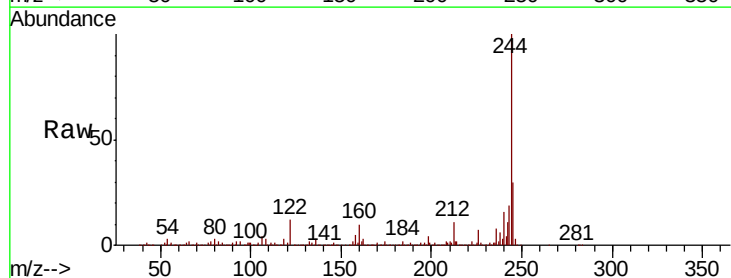
Tgt Ion:244 Resp: 2564824

Ion Ratio Lower Upper

244 100

212 11.0 9.7 14.5

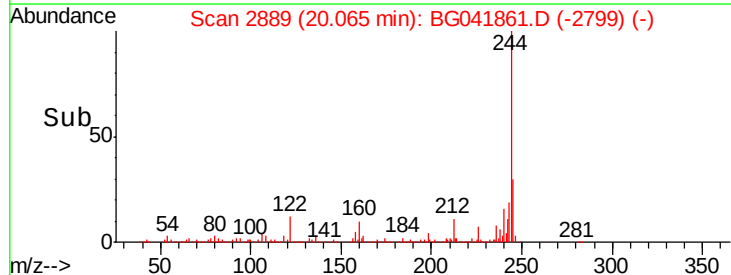
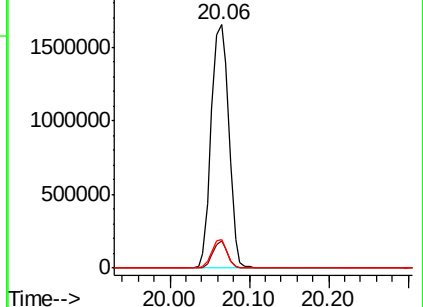
122 11.7 12.5 18.7#

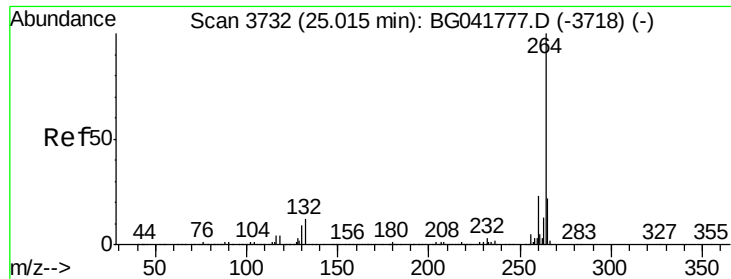


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.00 min Scan# 3729
Delta R.T. -0.01 min
Lab File: BG041861.D
Acq: 1 Aug 2019 13:38

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.3	18.0	27.0

