

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073119\
 Data File : BG041846.D
 Acq On : 31 Jul 2019 23:19
 Operator : HP/JU
 Sample : K4024-08RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-A

Quant Time: Aug 01 01:51:14 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

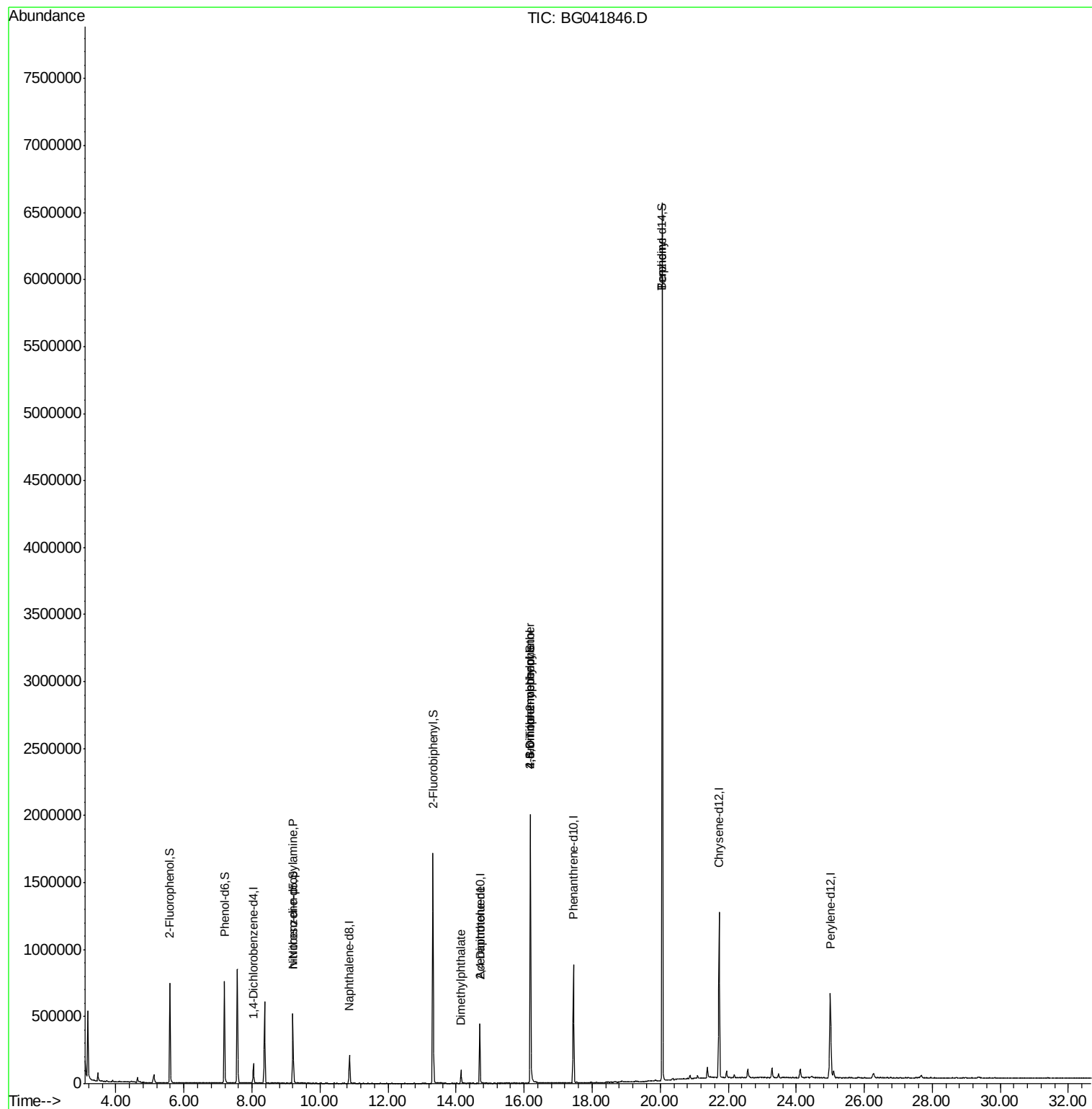
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44740	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	200936	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	169157	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	566662	20.00	ng	0.00
76) Chrysene-d12	21.73	240	744866	20.00	ng	0.00
87) Perylene-d12	25.00	264	749530	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	345729	150.35	ng	0.00
7) Phenol-d6	7.19	99	457703	147.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	323293	110.72	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	431375	224.51	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	964061	100.52	ng	-0.01
79) Terphenyl-d14	20.06	244	2909256	89.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	41308	18.353	ng	Qvalue # 72
50) Dimethylphthalate	14.15	163	82320	7.126	ng	# 97
57) 2,4-Dinitrotoluene	14.70	165	21561	6.490	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.18	198	1274	7.246	ng	# 1
67) 4-Bromophenyl-phenylether	16.18	248	32264	4.622	ng	# 1
77) Benzidine	20.06	184	56551	2.326	ng	# 92

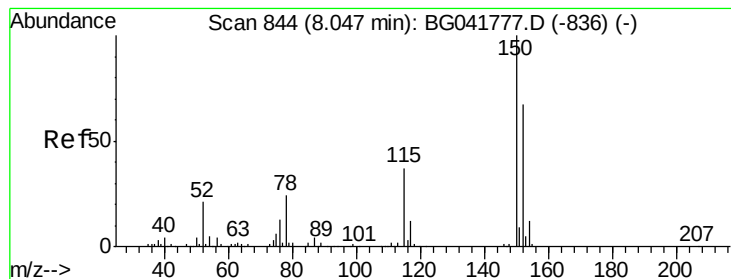
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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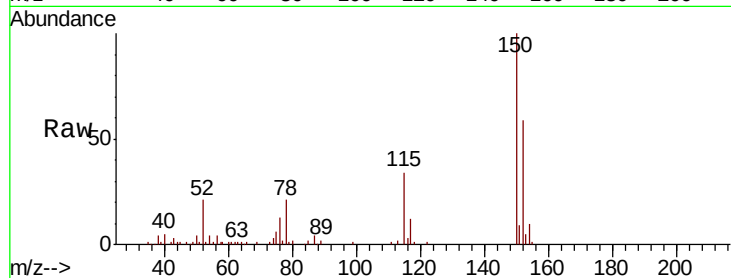


#1

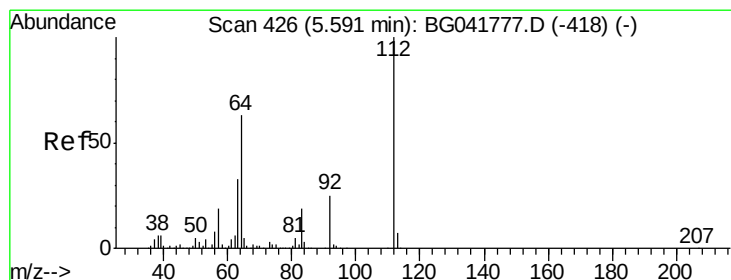
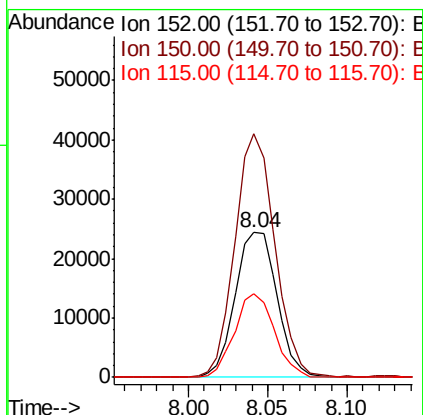
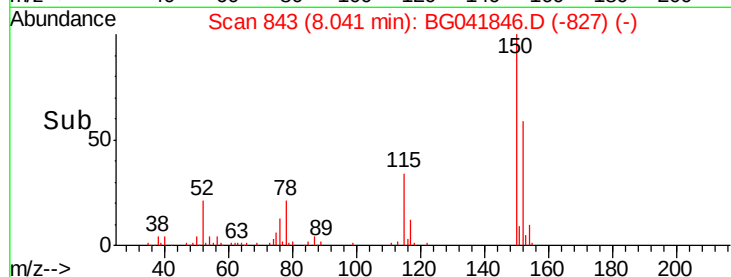
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041846.D
Acq: 31 Jul 2019 23:19

Instrument :
BNA_G
ClientSampled :
TP-6-A

Tgt Ion:152 Resp: 44740
Ion Ratio Lower Upper
152 100
150 168.5 126.9 190.3
115 57.8 45.0 67.6



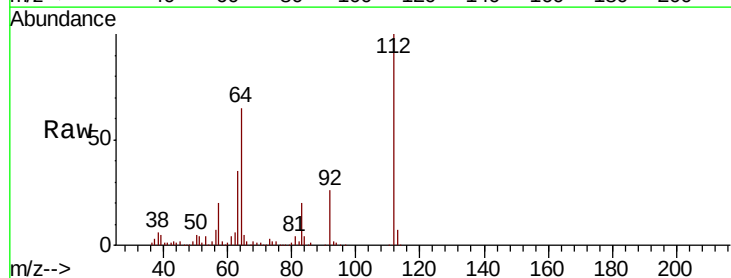
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



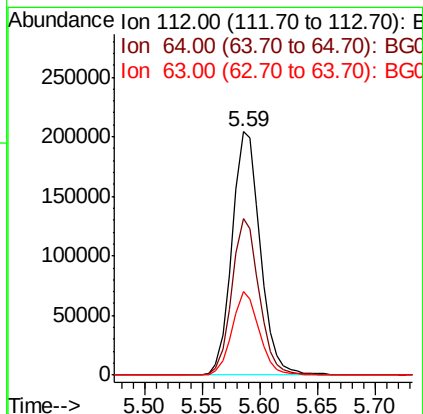
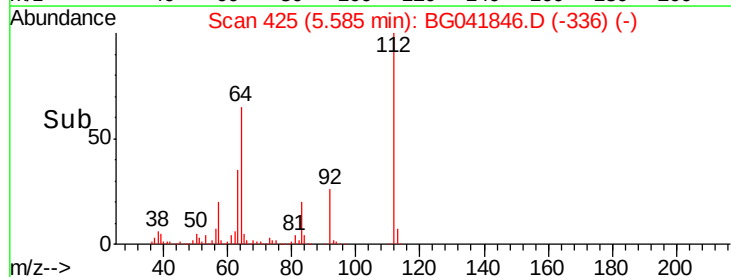
#5

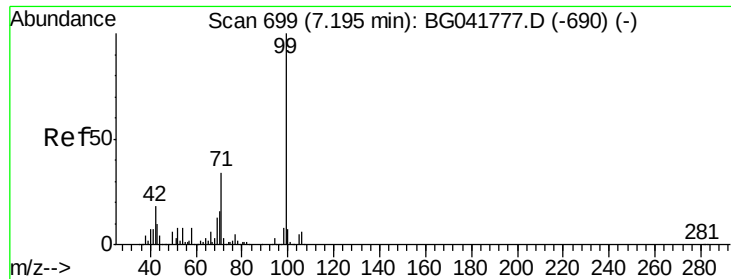
2-Fluorophenol
Concen: 150.348 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG041846.D
Acq: 31 Jul 2019 23:19

Tgt Ion:112 Resp: 345729
Ion Ratio Lower Upper
112 100
64 64.5 55.4 83.2
63 34.6 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: 147.640 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

Instrument :

BNA_G

ClientSampleId :

TP-6-A

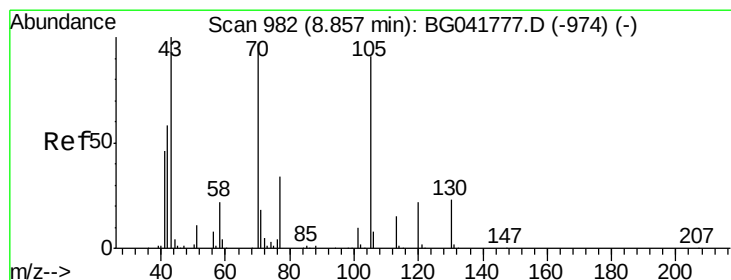
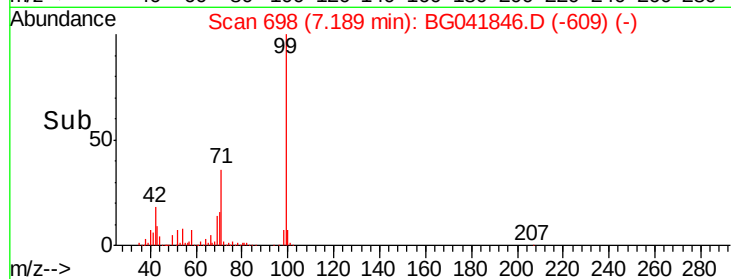
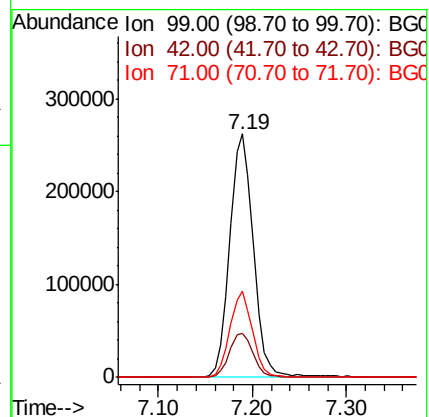
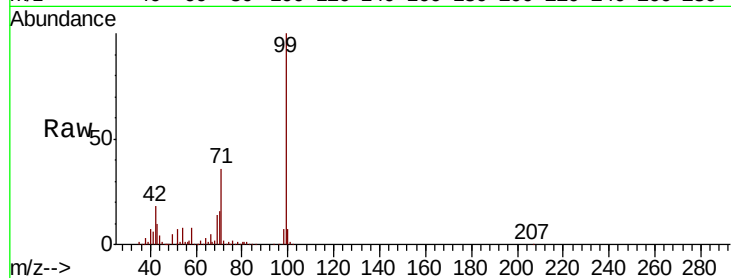
Tgt Ion: 99 Resp: 457703

Ion Ratio Lower Upper

99 100

42 18.3 17.6 26.4

71 35.5 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.353 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.35 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

Tgt Ion: 70 Resp: 41308

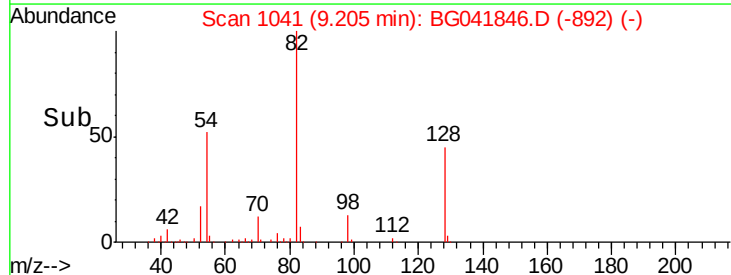
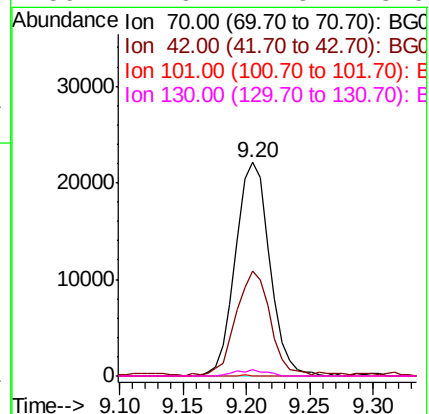
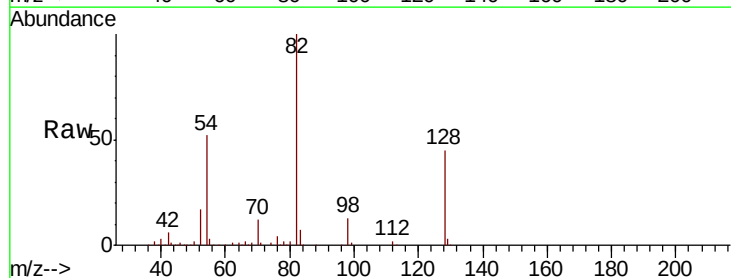
Ion Ratio Lower Upper

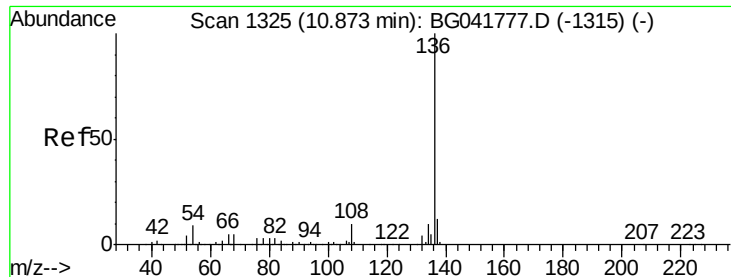
70 100

42 49.4 55.8 83.6#

101 0.0 8.1 12.1#

130 2.9 17.3 25.9#

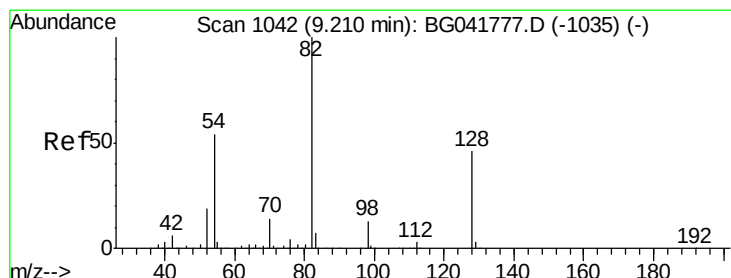
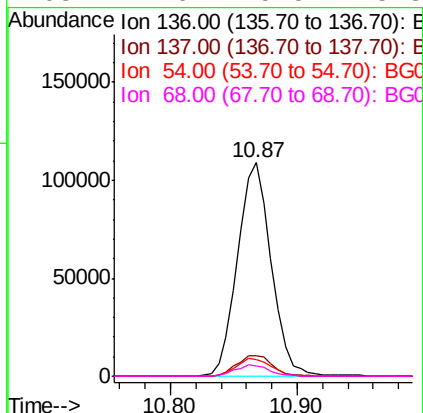
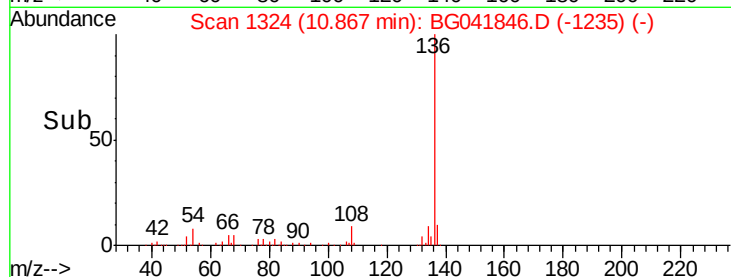
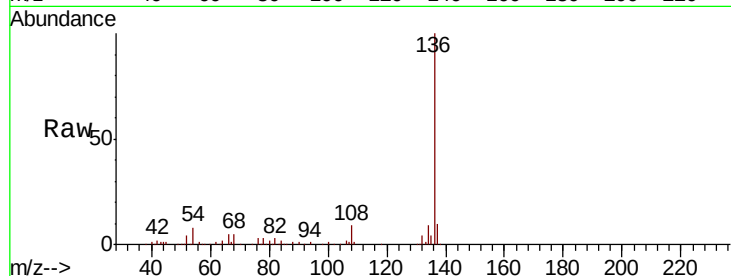




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041846.D
Acq: 31 Jul 2019 23:19

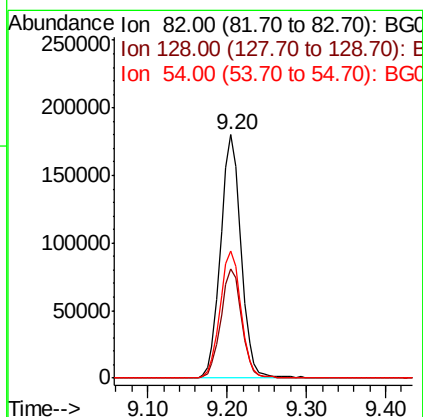
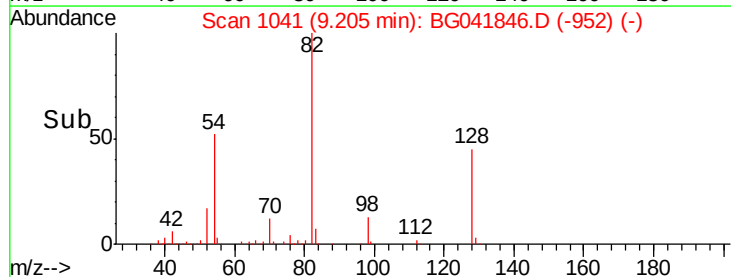
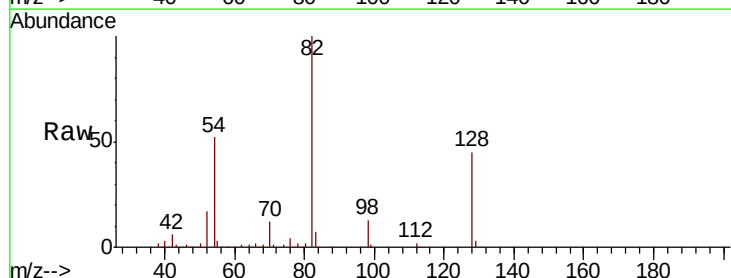
Instrument :
BNA_G
ClientSampleId :
TP-6-A

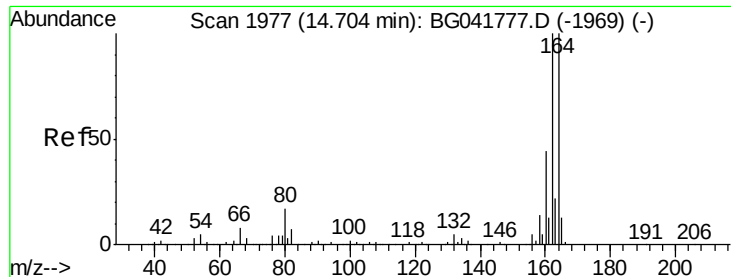
Tgt Ion:	136	Resp:	200936
Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.2	13.8
54	7.5	8.7	13.1#
68	4.6	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 110.721 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041846.D
Acq: 31 Jul 2019 23:19

Tgt Ion:	82	Resp:	323293
Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.1	52.7
54	52.3	48.7	73.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

Instrument :

BNA_G

ClientSampleId :

TP-6-A

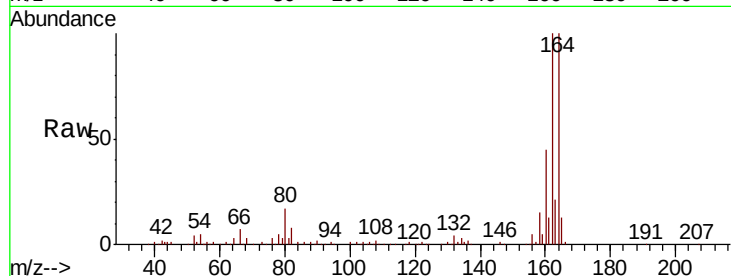
Tgt Ion:164 Resp: 169157

Ion Ratio Lower Upper

164 100

162 100.2 79.6 119.4

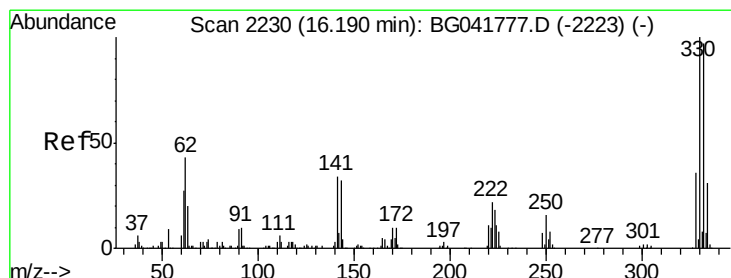
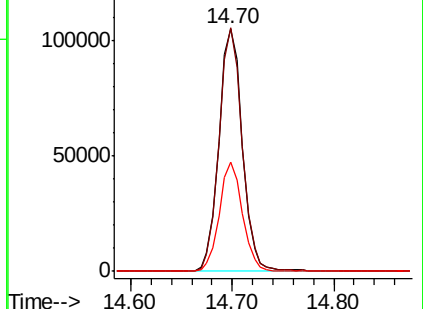
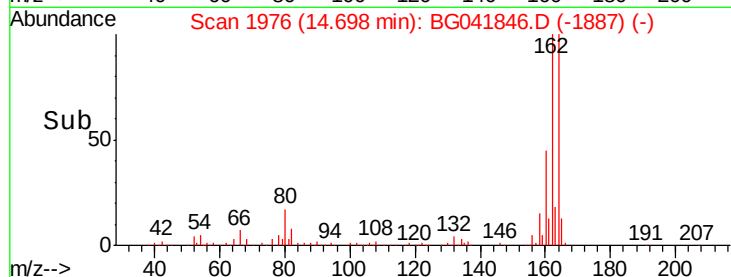
160 45.1 35.4 53.0



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: 224.512 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

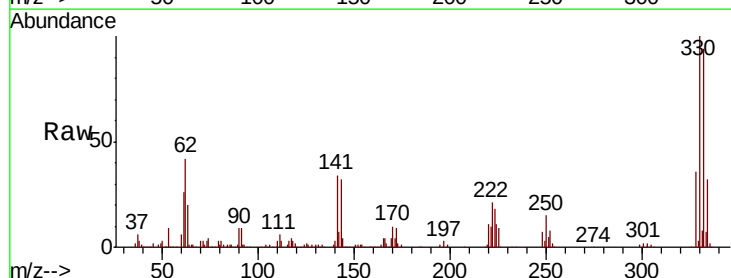
Tgt Ion:330 Resp: 431375

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.0

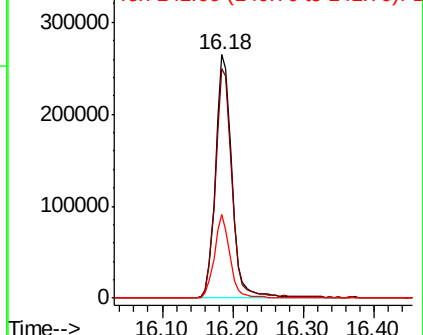
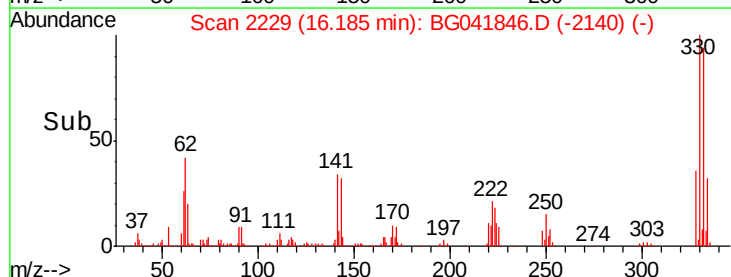
141 32.6 31.9 47.9

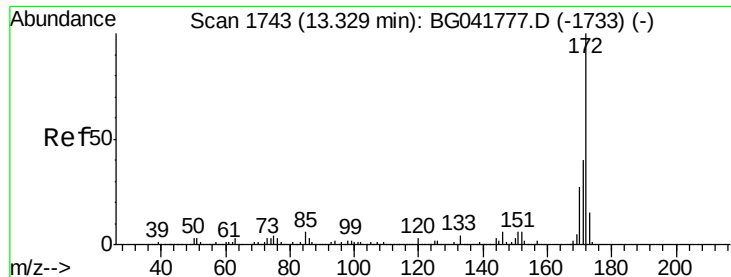


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

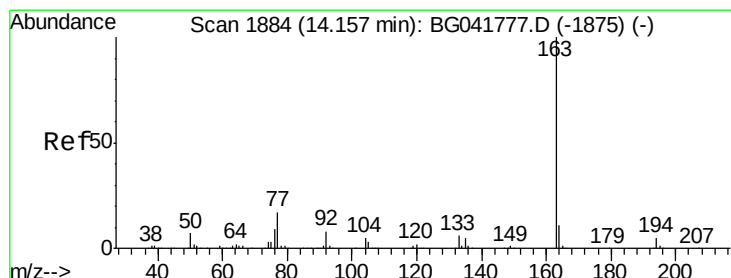
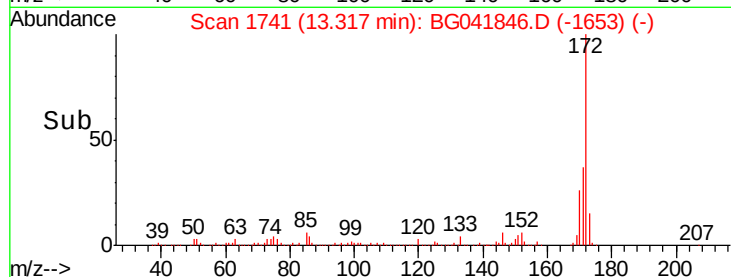
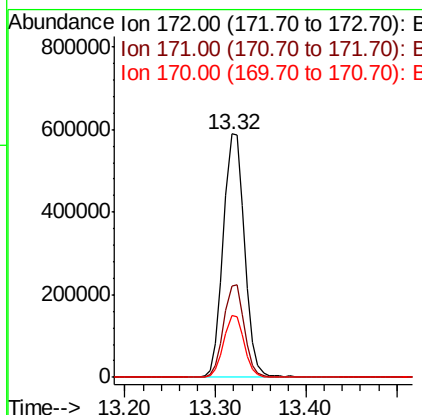
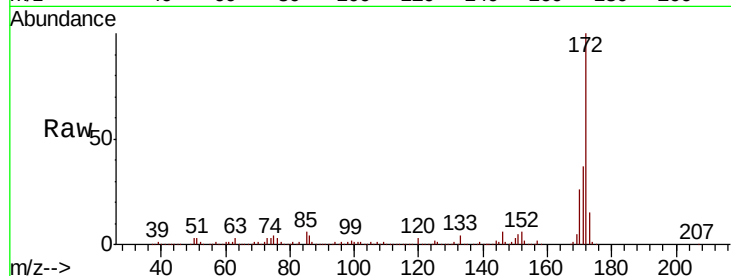




#45
 2-Fluorobiphenyl
 Concen: 100.518 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041846.D
 Acq: 31 Jul 2019 23:19

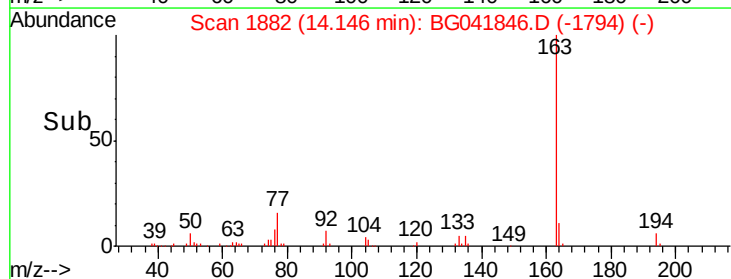
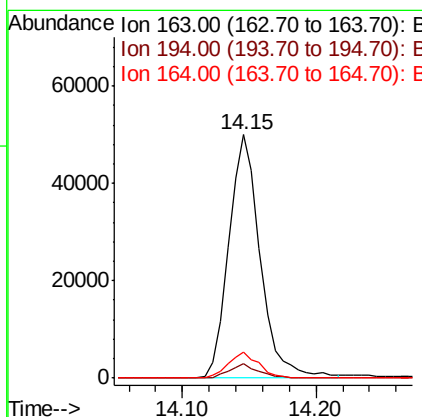
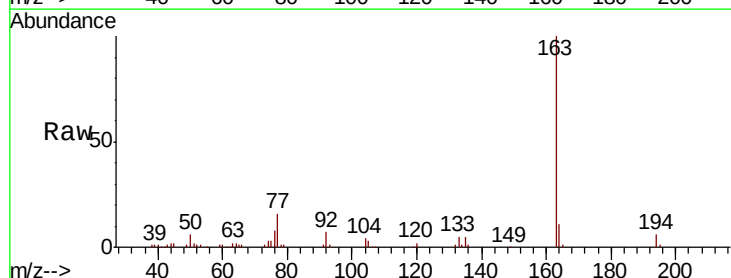
Instrument :
 BNA_G
 ClientSampleId :
 TP-6-A

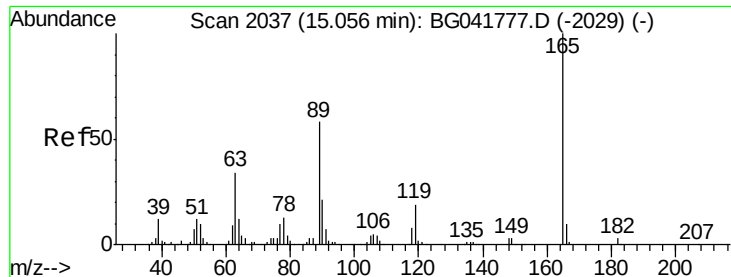
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	35.0	52.4
170	25.5	23.5	35.3



#50
 Dimethylphthalate
 Concen: 7.126 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.01 min
 Lab File: BG041846.D
 Acq: 31 Jul 2019 23:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.7	4.2	6.2
164	10.6	9.4	14.2

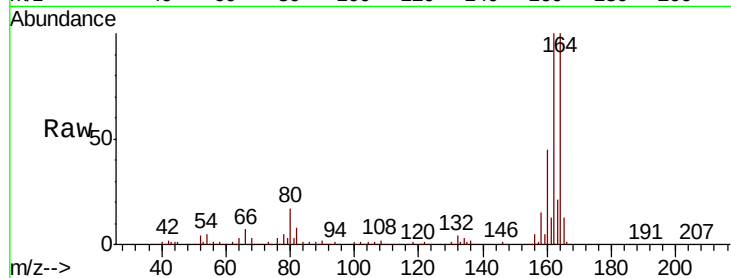




#57
 2,4-Dinitrotoluene
 Concen: 6.490 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.36 min
 Lab File: BG041846.D
 Acq: 31 Jul 2019 23:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	31.7	47.5#
89	1.3	50.2	75.4#
182	0.0	2.6	4.0#

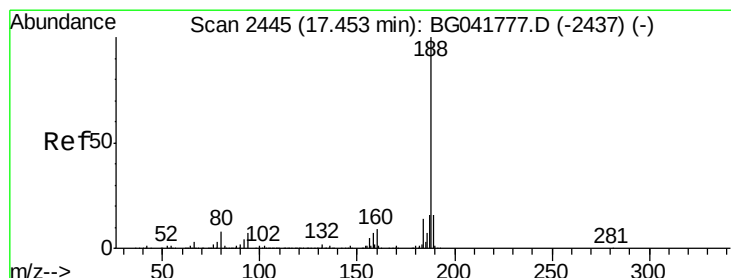
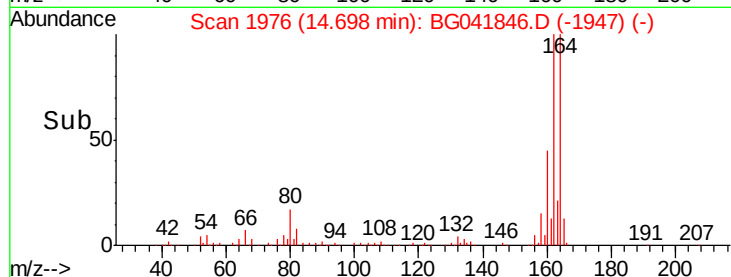
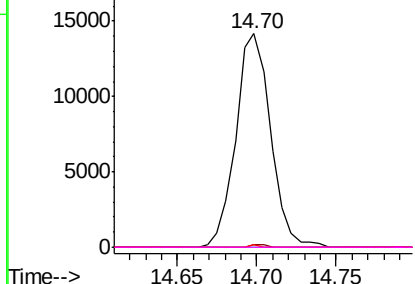


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

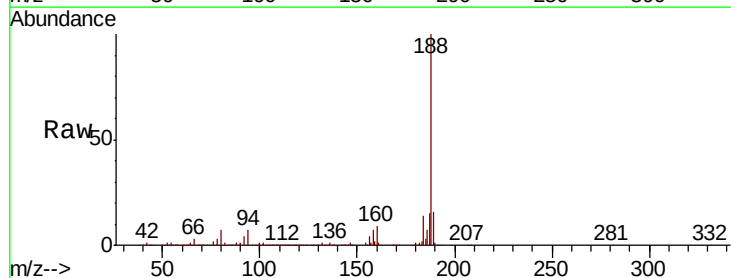
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BG041846.D
 Acq: 31 Jul 2019 23:19

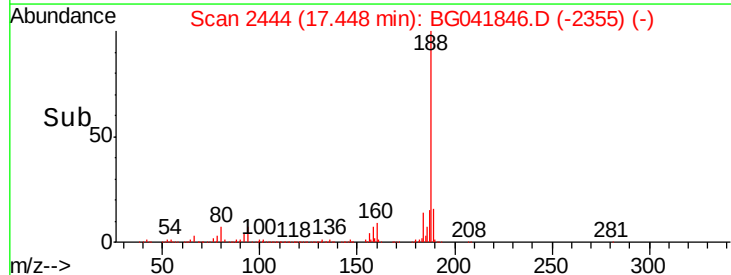
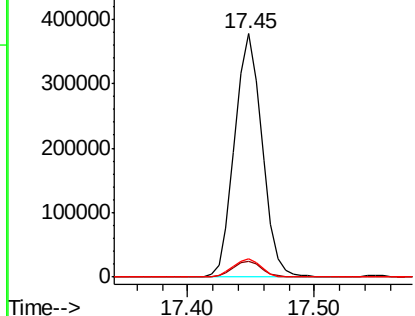
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.3	8.0	12.0#

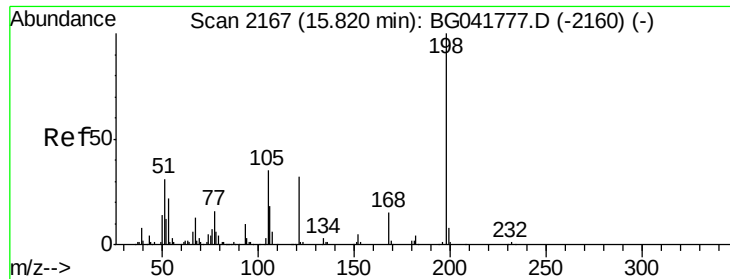


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 7.246 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.36 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

Instrument :

BNA_G

ClientSampled :

TP-6-A

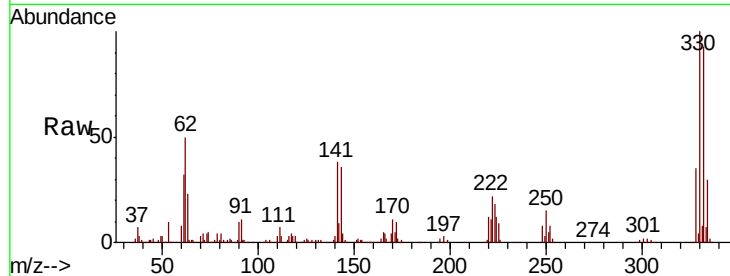
Tgt Ion:198 Resp: 1274

Ion Ratio Lower Upper

198 100

51 127.0 22.3 62.3#

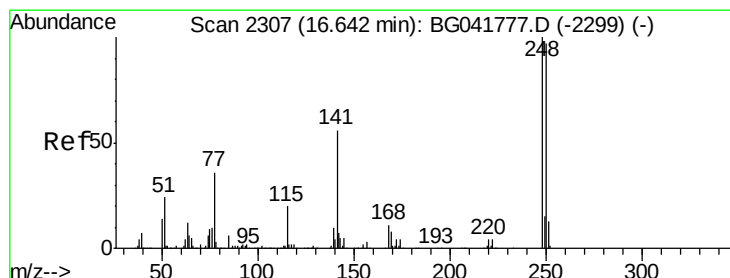
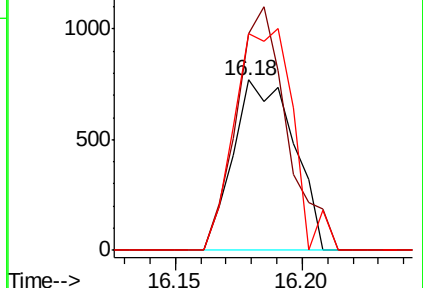
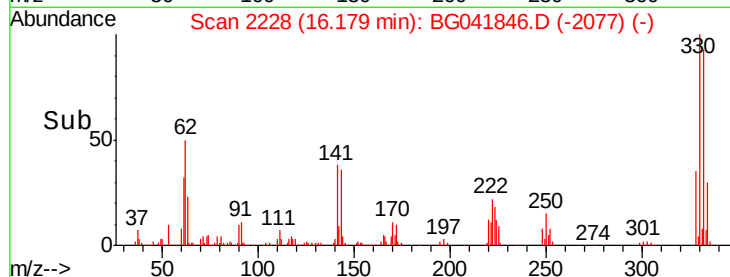
105 126.9 18.0 58.0#



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: 4.622 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.46 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

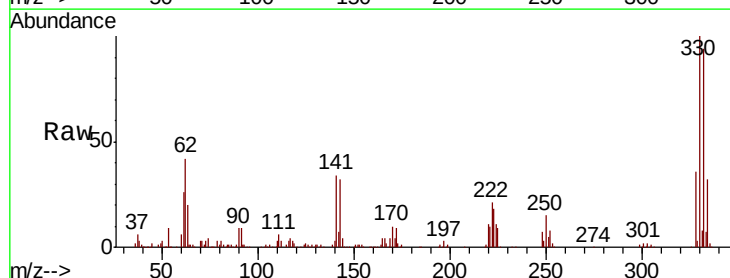
Tgt Ion:248 Resp: 32264

Ion Ratio Lower Upper

248 100

250 200.5 78.1 117.1#

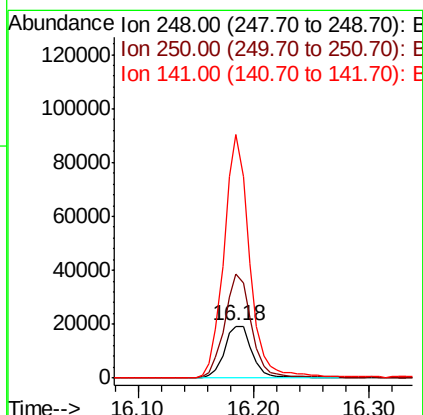
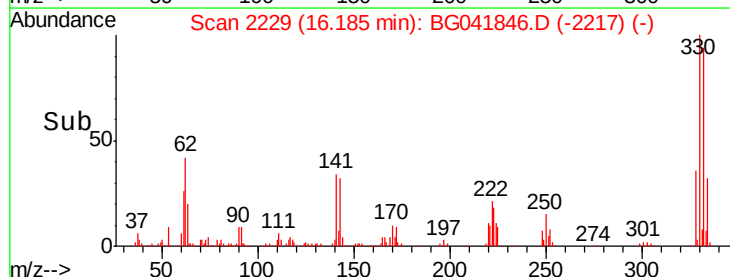
141 468.5 49.6 74.4#

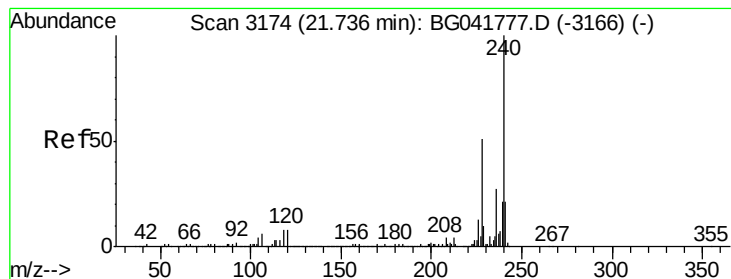


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.01 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

Instrument :

BNA_G

ClientSampleId :

TP-6-A

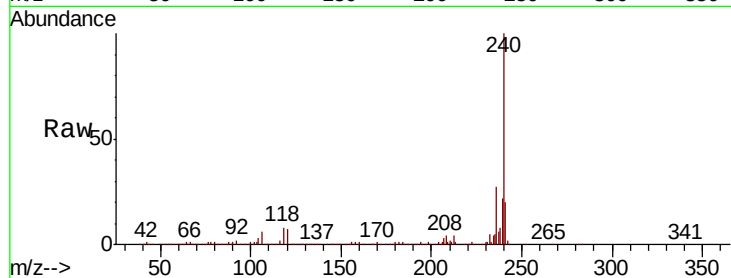
Tgt Ion:240 Resp: 744866

Ion Ratio Lower Upper

240 100

120 7.2 8.0 12.0#

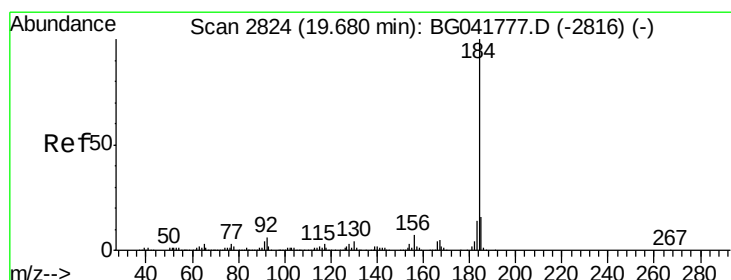
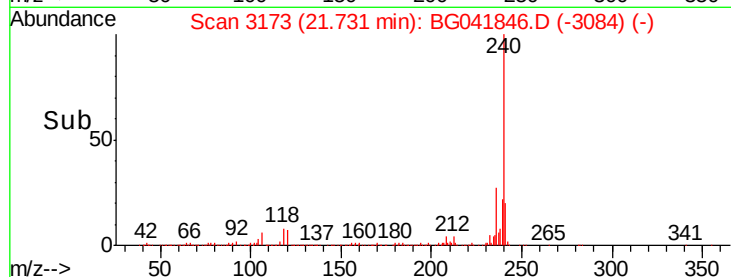
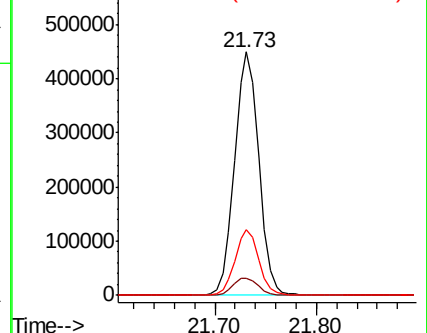
236 27.1 22.6 33.8



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: 2.326 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.38 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

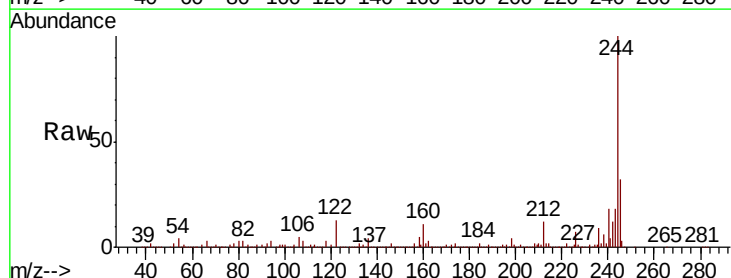
Tgt Ion:184 Resp: 56551

Ion Ratio Lower Upper

184 100

185 16.9 13.0 19.4

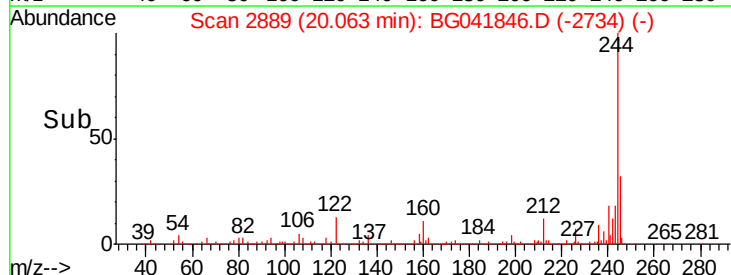
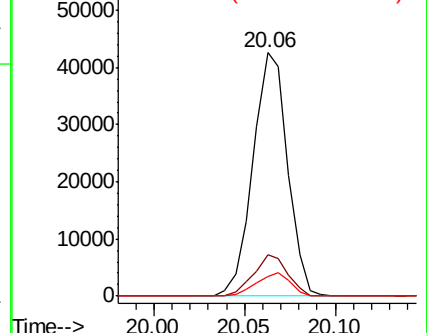
183 8.2 11.8 17.6#

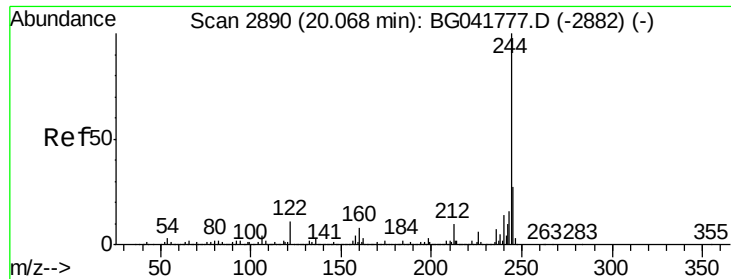


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 89.374 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

Instrument :

BNA_G

ClientSampleId :

TP-6-A

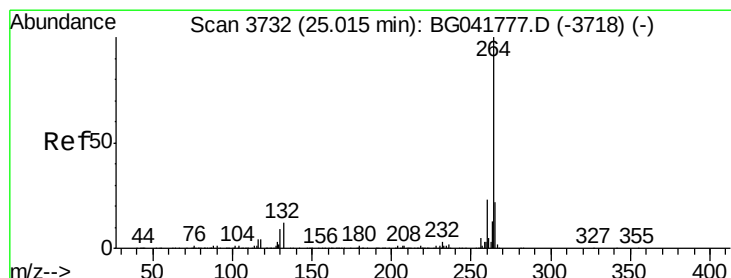
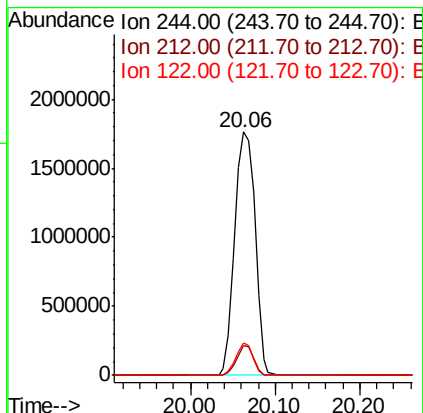
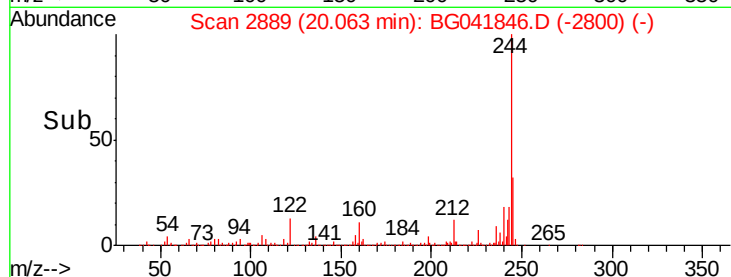
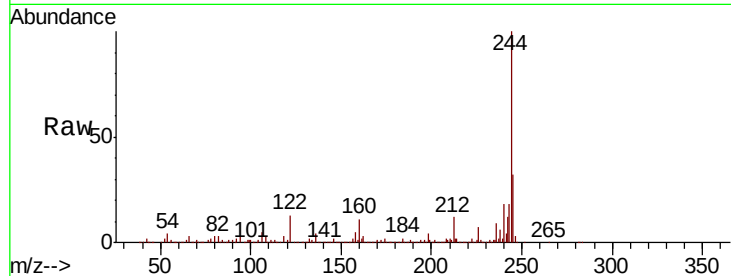
Tgt Ion:244 Resp: 2909256

Ion Ratio Lower Upper

244 100

212 12.0 9.7 14.5

122 13.5 12.5 18.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3729

Delta R.T. -0.02 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

Tgt Ion:264 Resp: 749530

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 22.3 18.0 27.0

