

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
 Data File : BG041104.D
 Acq On : 7 Jun 2019 16:41
 Operator : HP/JU
 Sample : K3189-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-8C

Quant Time: Jun 08 06:59:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

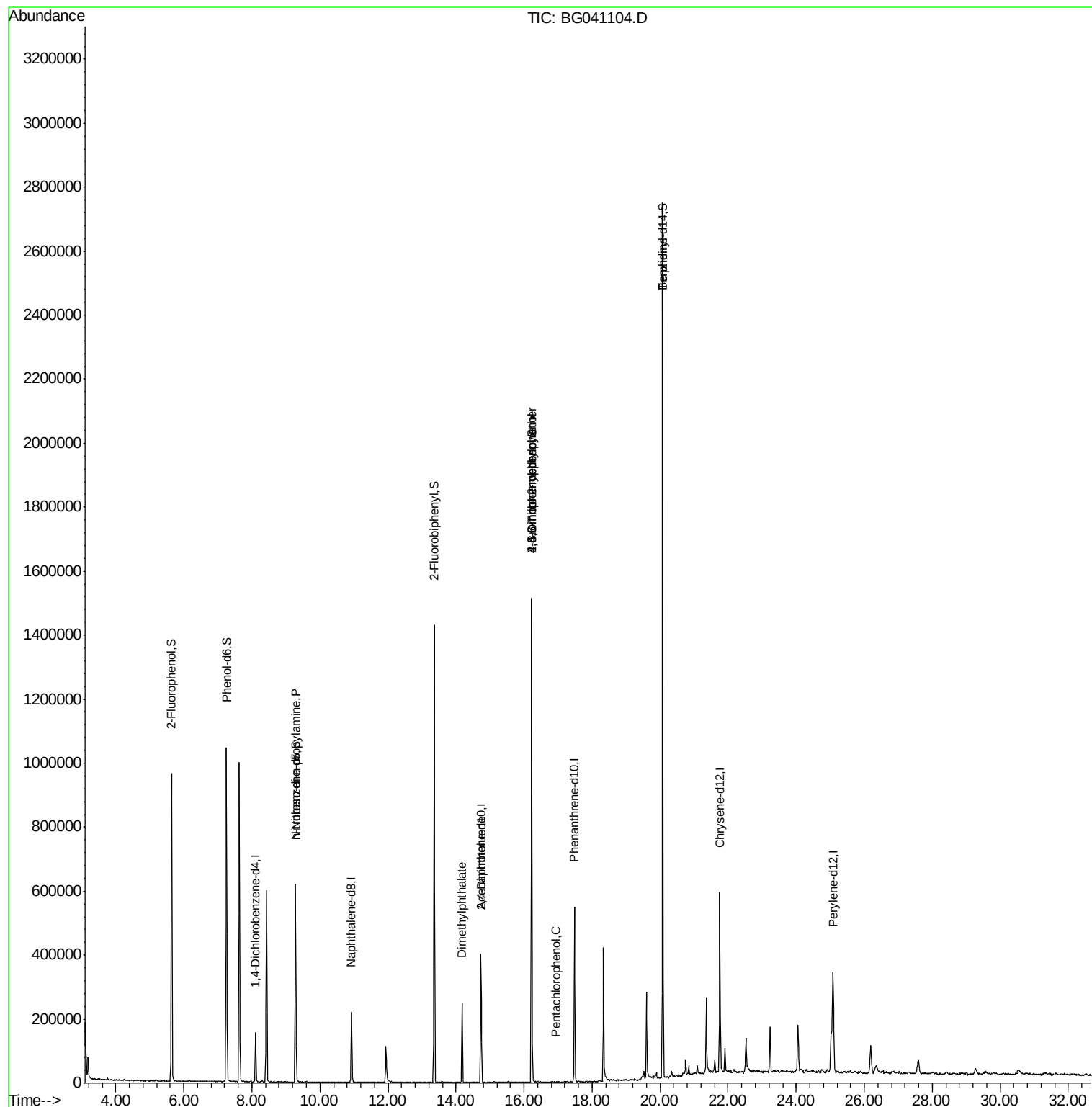
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	42112	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	179744	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	137567	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	342763	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	327817	20.00	ng	-0.03
87) Perylene-d12	25.08	264	353455	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	367748	157.47	ng	-0.02
7) Phenol-d6	7.26	99	563185	156.15	ng	-0.01
23) Nitrobenzene-d5	9.28	82	373947	92.36	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	289246	141.63	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	705948	73.90	ng	-0.02
79) Terphenyl-d14	20.08	244	1217231	78.81	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	53238	19.181	ng	Qvalue # 74
50) Dimethylphthalate	14.18	163	159380	13.686	ng	100
57) 2,4-Dinitrotoluene	14.73	165	17741	5.002	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.22	198	997	9.035	ng	88
67) 4-Bromophenyl-phenylether	16.22	248	22003	4.757	ng	# 1
70) Pentachlorophenol	16.94	266	55	4.276	ng	# 18
77) Benzidine	20.08	184	21113	2.700	ng	# 94

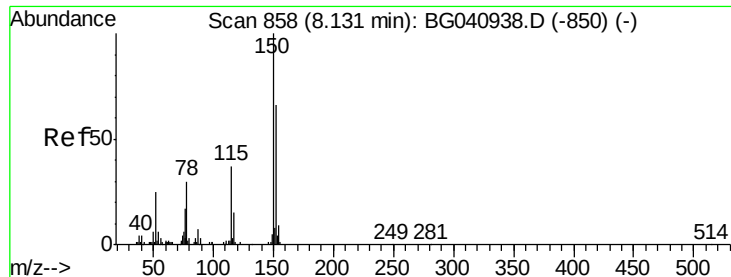
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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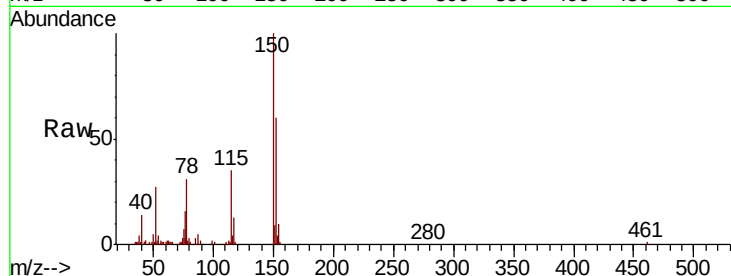


#1

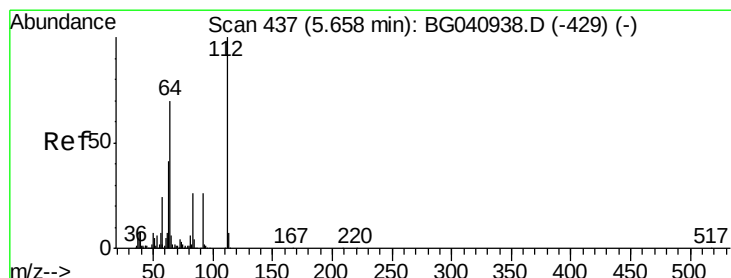
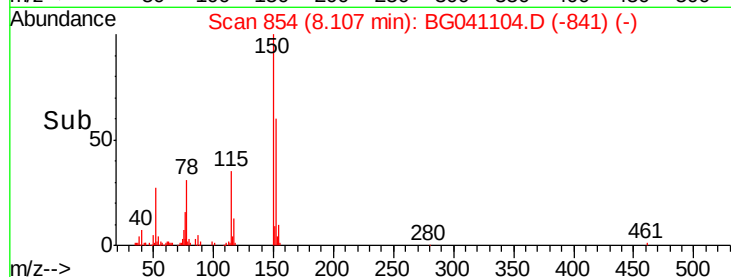
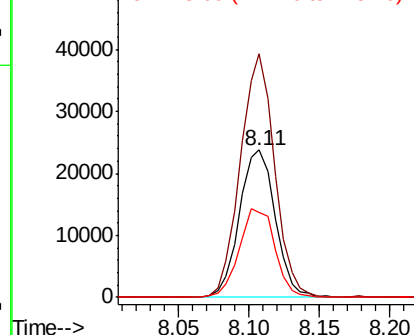
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG041104.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_G
ClientSampled :
S-8C

Tgt Ion:152 Resp: 42112
Ion Ratio Lower Upper
152 100
150 165.4 120.6 180.8
115 57.8 45.1 67.7



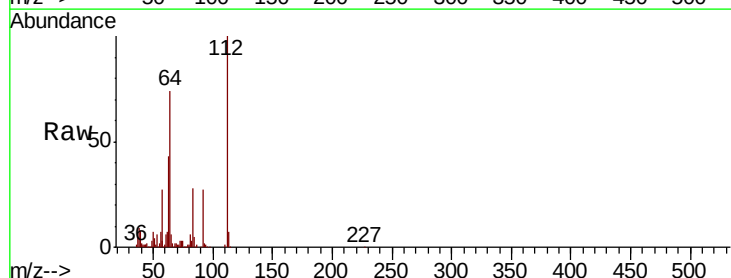
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



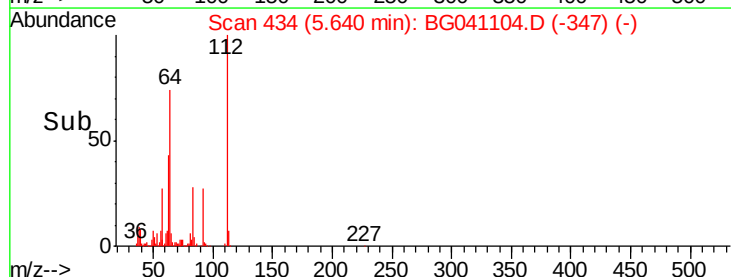
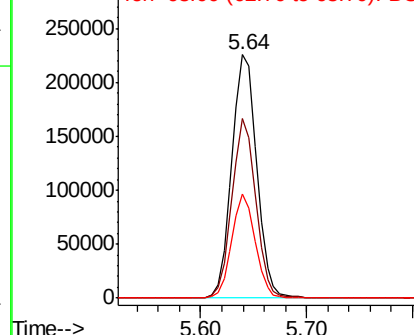
#5

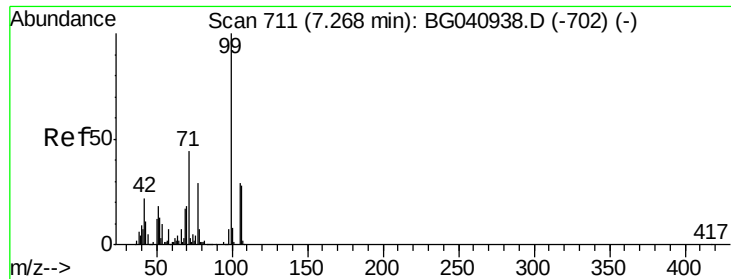
2-Fluorophenol
Concen: 157.468 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG041104.D
Acq: 7 Jun 2019 16:41

Tgt Ion:112 Resp: 367748
Ion Ratio Lower Upper
112 100
64 73.6 56.2 84.2
63 42.5 32.8 49.2



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: 156.147 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_G

ClientSampleId :

S-8C

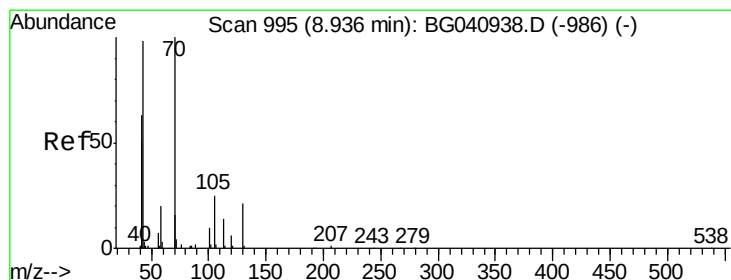
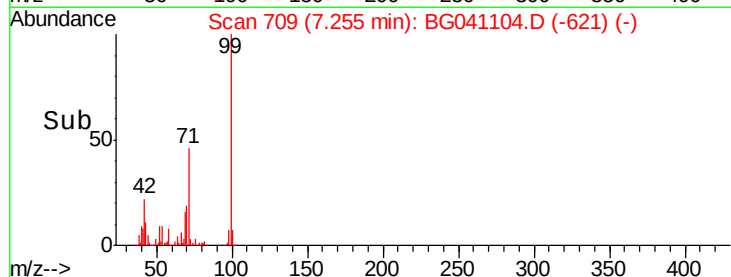
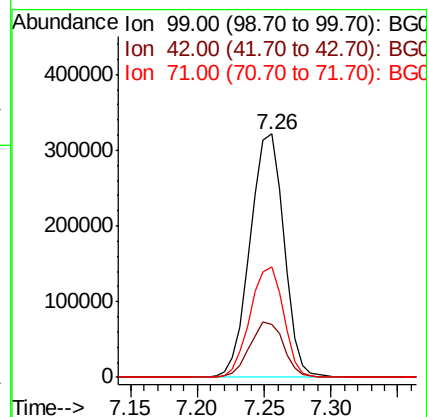
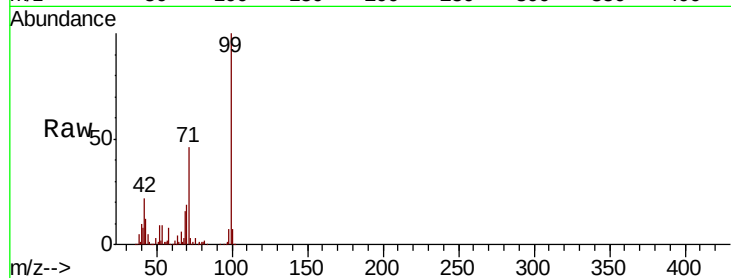
Tgt Ion: 99 Resp: 563185

Ion Ratio Lower Upper

99 100

42 21.6 17.9 26.9

71 45.5 35.4 53.0



#19

n-Nitroso-di-n-propylamine

Concen: 19.181 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.35 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

Tgt Ion: 70 Resp: 53238

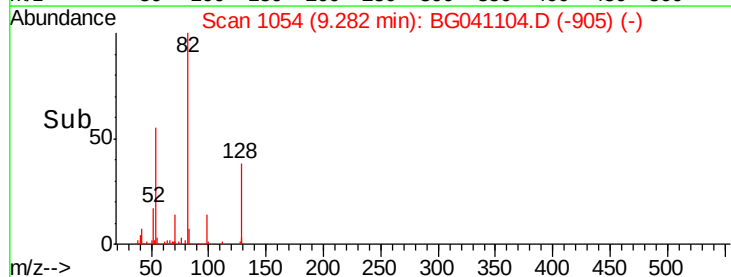
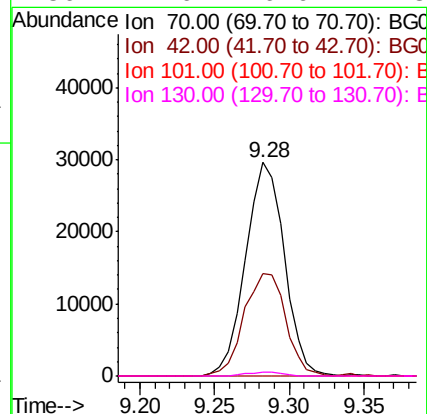
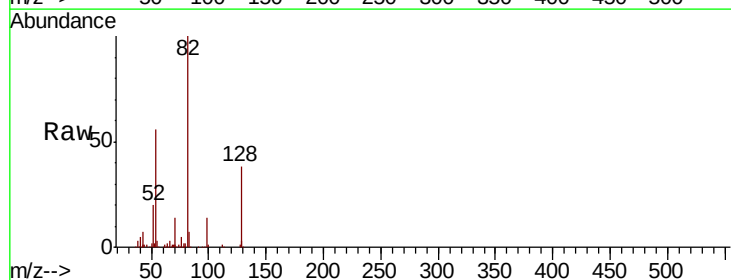
Ion Ratio Lower Upper

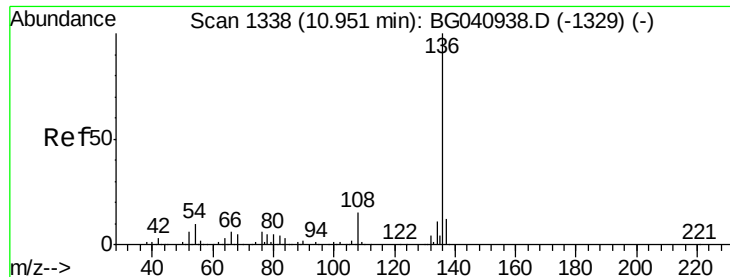
70 100

42 48.2 51.5 77.3#

101 0.0 8.1 12.1#

130 1.6 16.6 24.8#

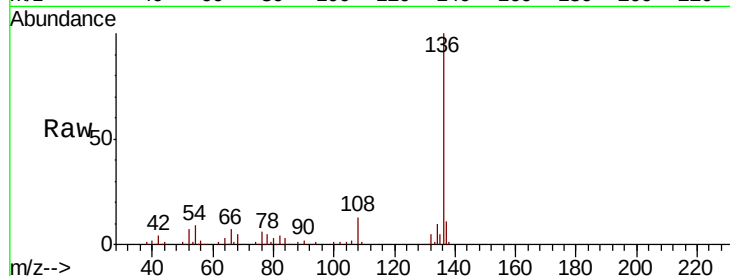




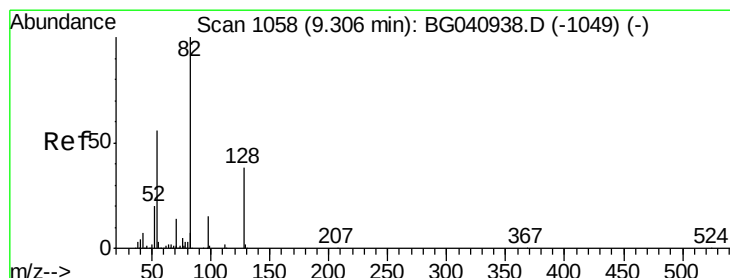
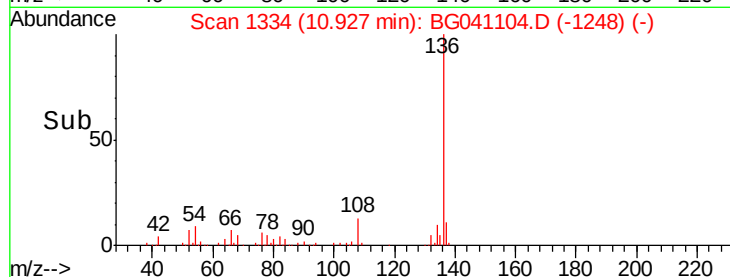
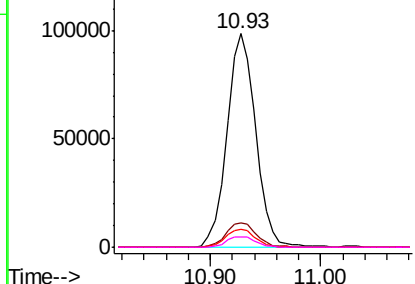
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BG041104.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_G
ClientSampleId :
S-8C

Tgt Ion:	136	Resp:	179744
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	8.7	7.6	11.4
68	5.1	3.9	5.9

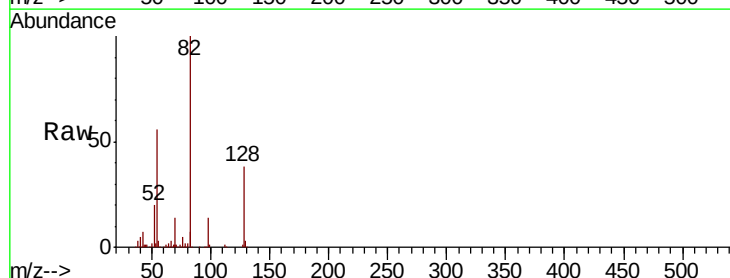


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

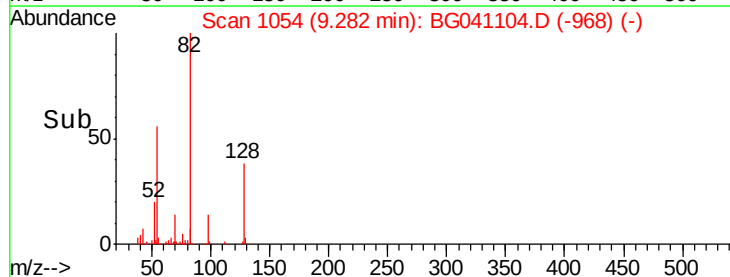
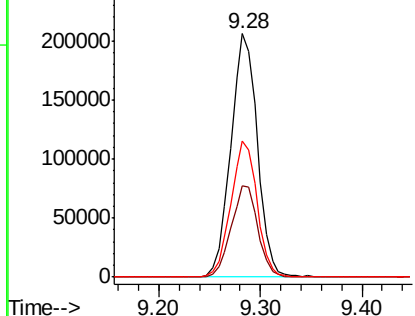


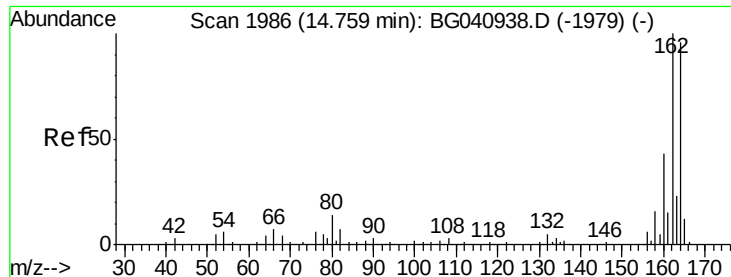
#23
Nitrobenzene-d5
Concen: 92.358 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BG041104.D
Acq: 7 Jun 2019 16:41

Tgt Ion:	82	Resp:	373947
Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.5	45.7
54	55.9	44.6	66.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.02 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_G

ClientSampleId :

S-8C

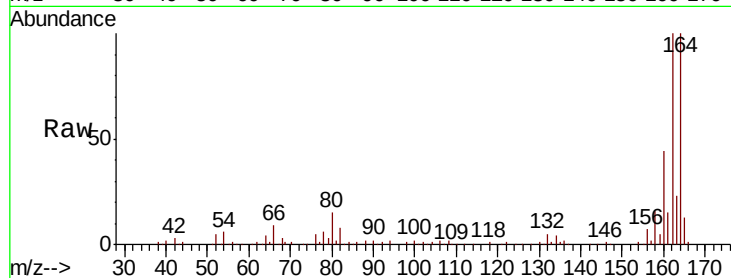
Tgt Ion:164 Resp: 137567

Ion Ratio Lower Upper

164 100

162 99.9 83.0 124.4

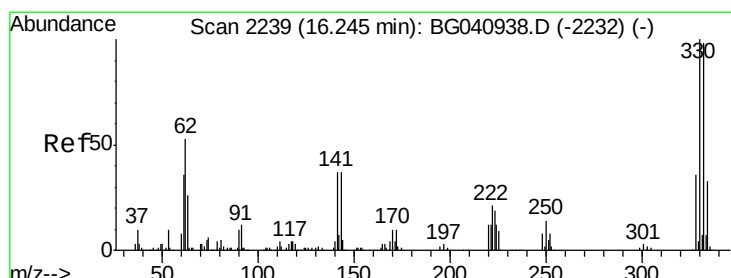
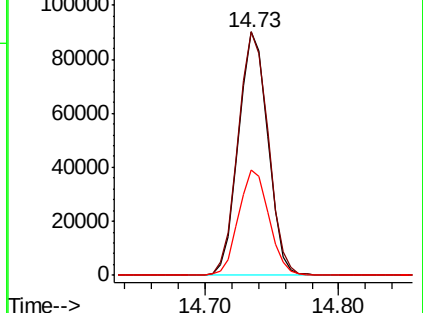
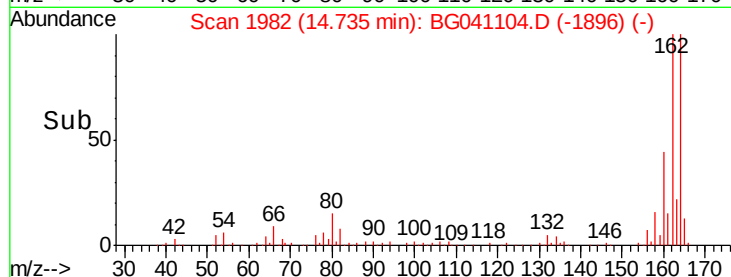
160 43.5 35.6 53.4



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: 141.629 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

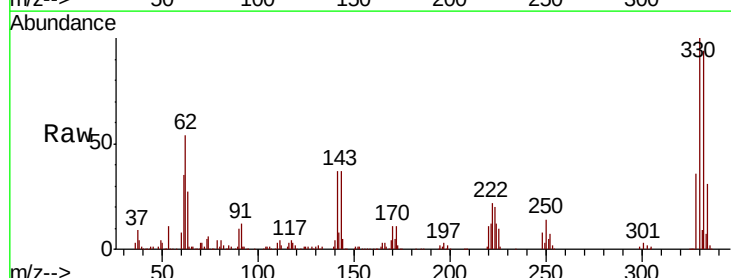
Tgt Ion:330 Resp: 289246

Ion Ratio Lower Upper

330 100

332 95.9 78.5 117.7

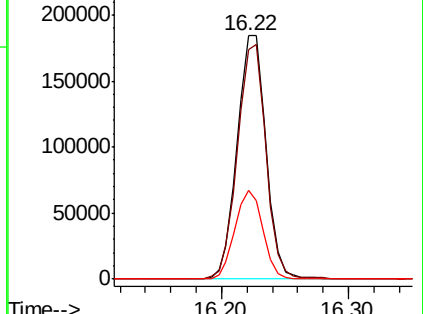
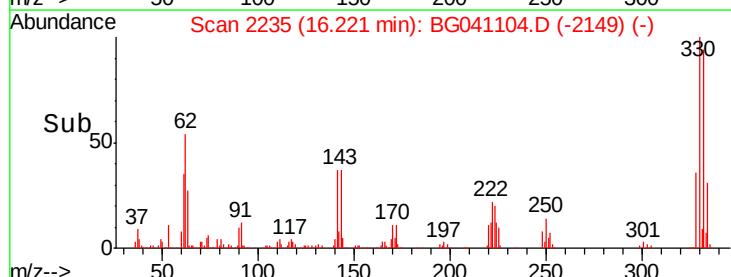
141 35.7 28.7 43.1

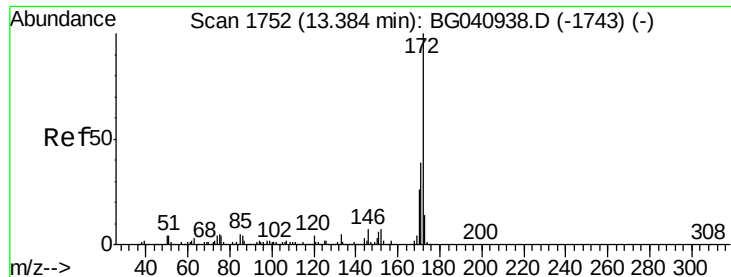


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

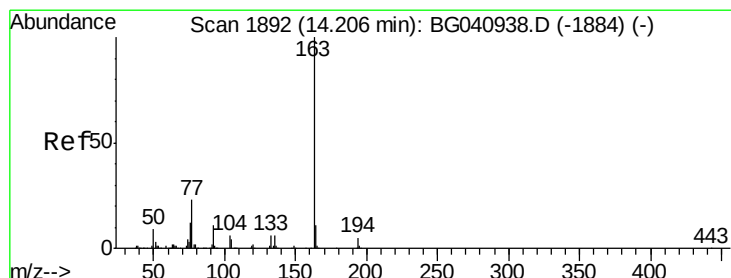
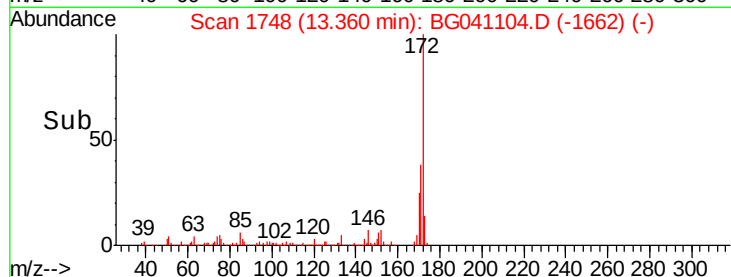
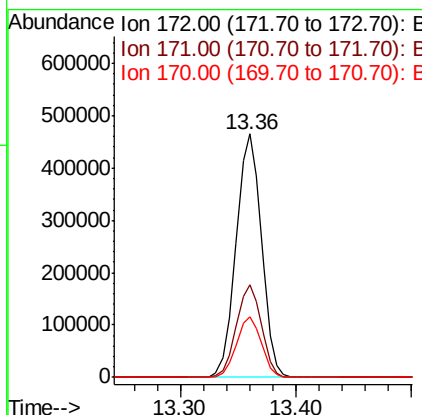
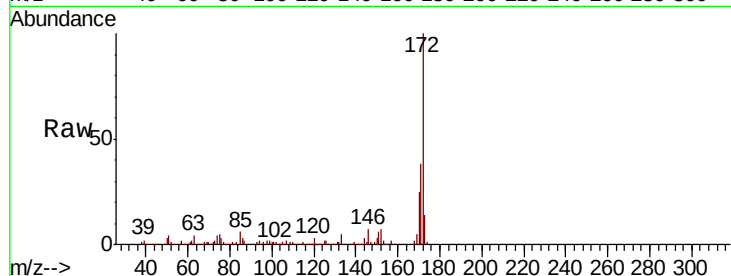




#45
2-Fluorobiphenyl
Concen: 73.901 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG041104.D
Acq: 7 Jun 2019 16:41

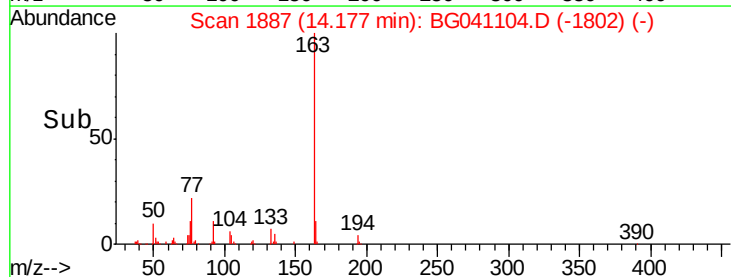
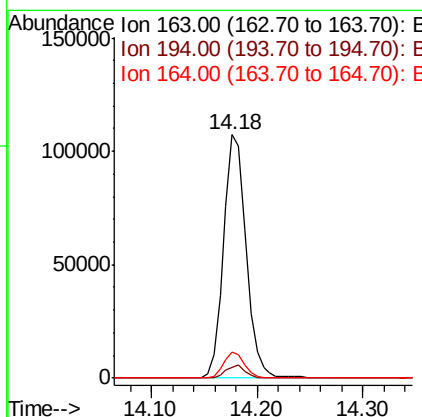
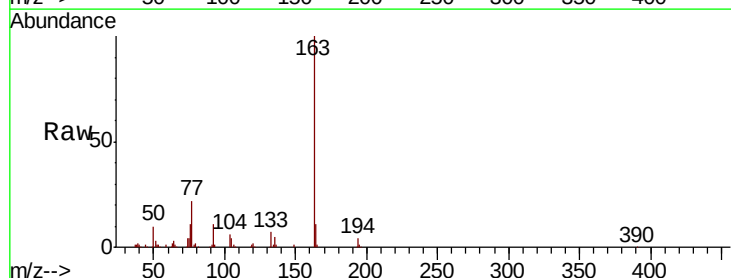
Instrument :
BNA_G
ClientSampleId :
S-8C

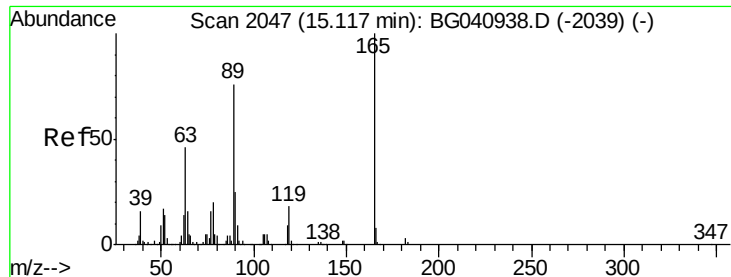
Tgt Ion:	172	Resp:	705948
Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	24.8	20.5	30.7



#50
Dimethylphthalate
Concen: 13.686 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.03 min
Lab File: BG041104.D
Acq: 7 Jun 2019 16:41

Tgt Ion:	163	Resp:	159380
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.8
164	10.9	8.7	13.1

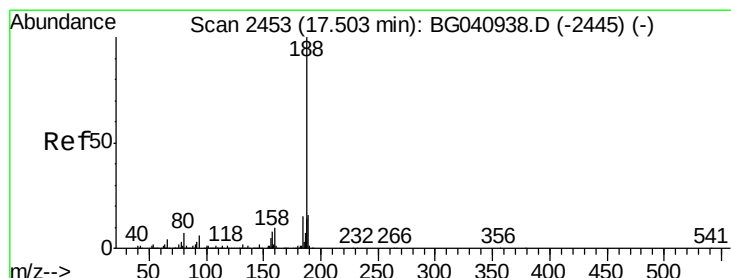
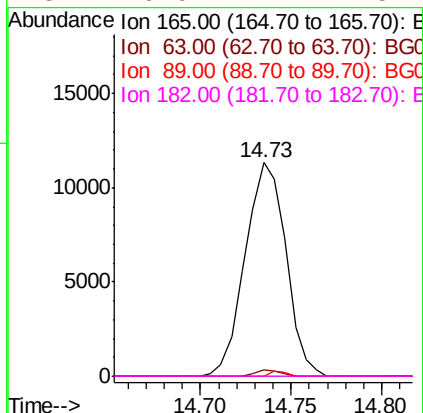
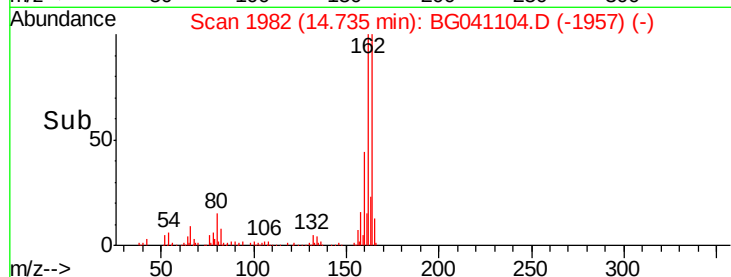
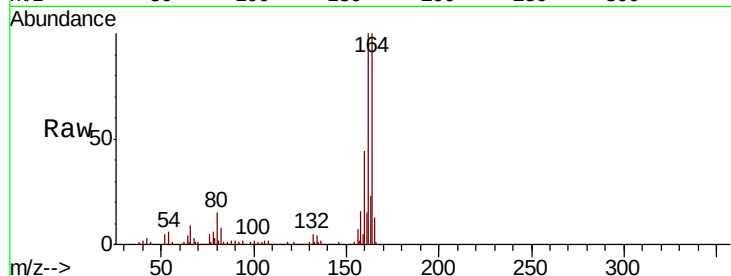




#57
2,4-Dinitrotoluene
Concen: 5.002 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.38 min
Lab File: BG041104.D
Acq: 7 Jun 2019 16:41

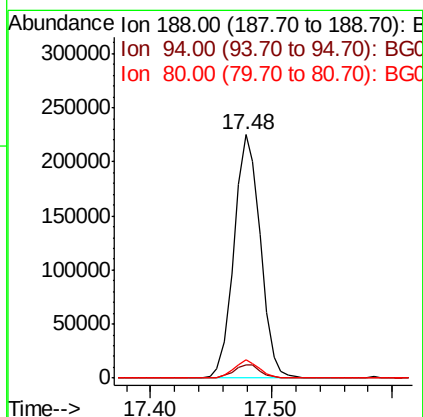
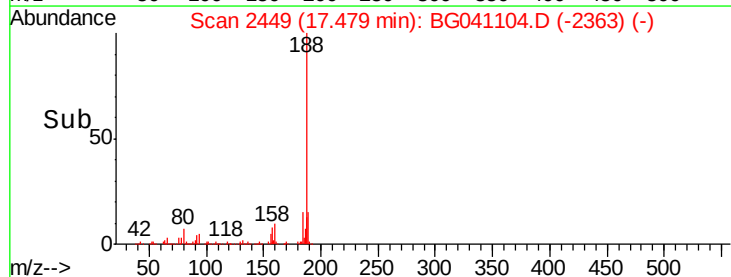
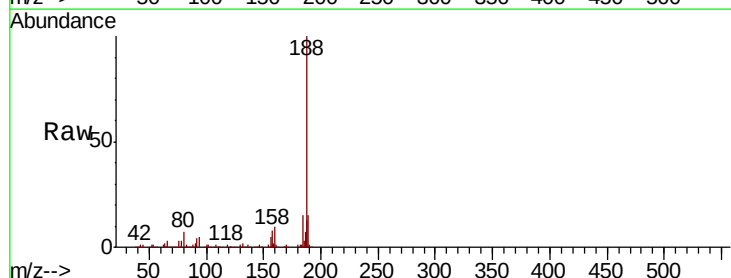
Instrument :
BNA_G
ClientSampleId :
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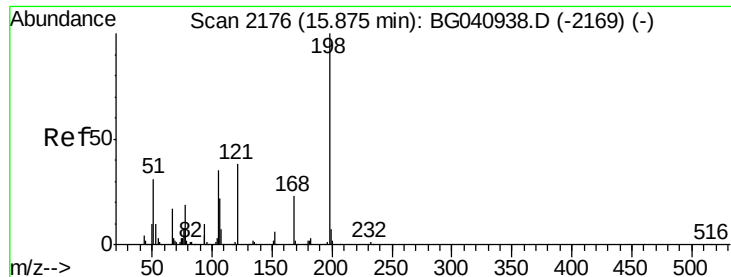
Tgt Ion:165 Resp: 17741
Ion Ratio Lower Upper
165 100
63 3.1 37.3 55.9#
89 0.0 61.0 91.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG041104.D
Acq: 7 Jun 2019 16:41

Tgt Ion:188 Resp: 342763
Ion Ratio Lower Upper
188 100
94 5.3 4.7 7.1
80 7.4 5.8 8.8





#65

4,6-Dinitro-2-methylphenol

Concen: 9.035 ng

RT: 16.22 min Scan# 2234

Delta R.T. 0.34 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_G

ClientSampleId :

S-8C

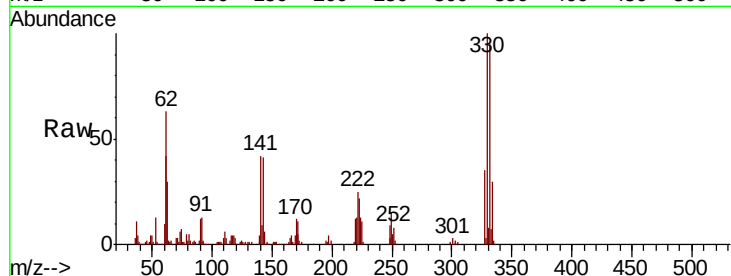
Tgt Ion:198 Resp: 997

Ion Ratio Lower Upper

198 100

51 37.5 21.6 61.6

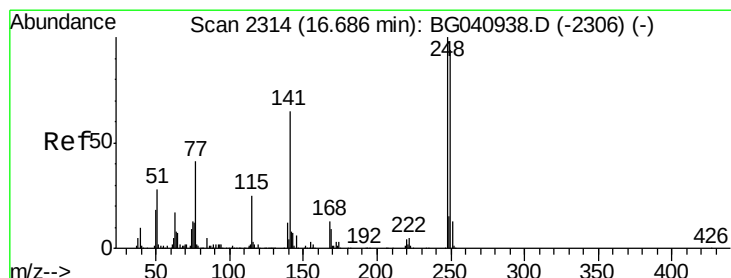
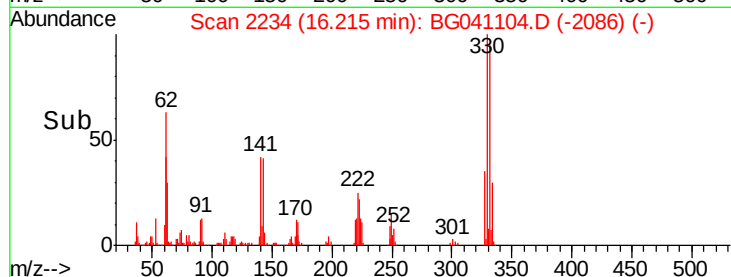
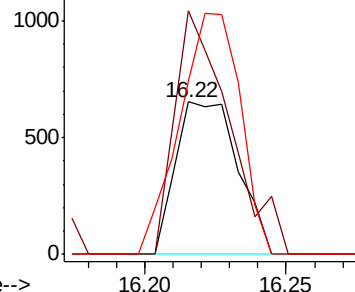
105 26.6 17.5 57.5



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: 4.757 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.46 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

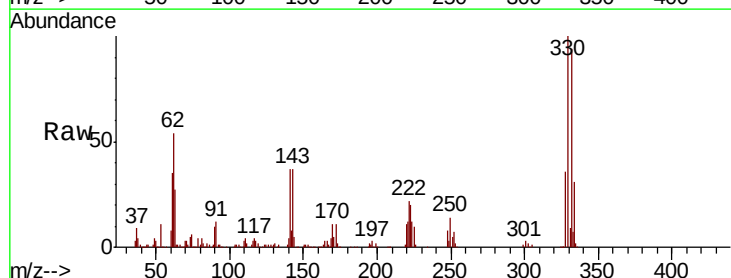
Tgt Ion:248 Resp: 22003

Ion Ratio Lower Upper

248 100

250 175.3 75.0 112.4#

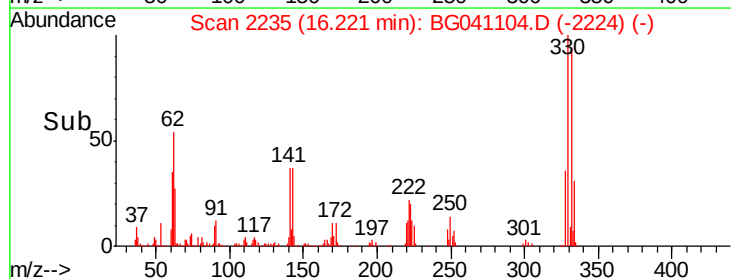
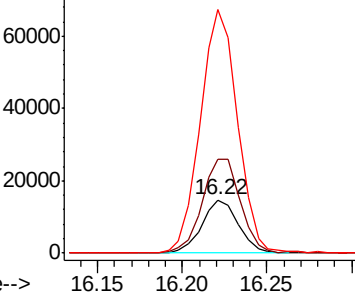
141 455.5 52.4 78.6#

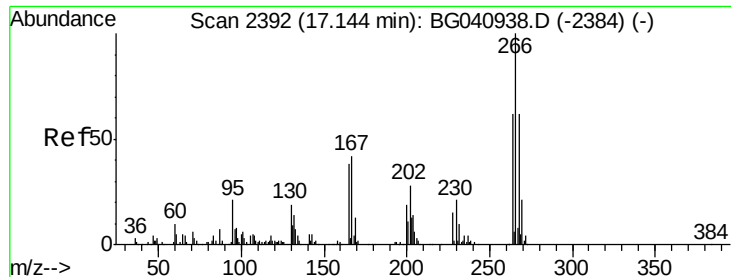


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Pentachlorophenol

Concen: 4.276 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.21 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_G

ClientSampleId :

S-8C

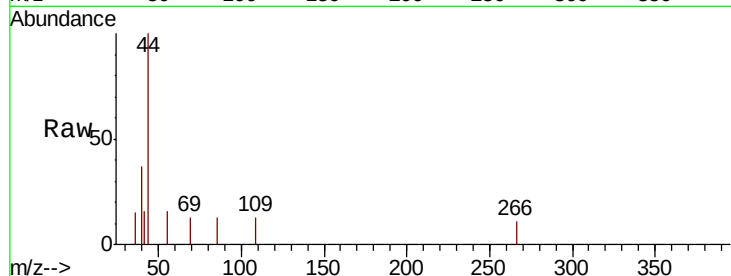
Tgt Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

268 0.0 53.1 79.7#

264 0.0 49.9 74.9#

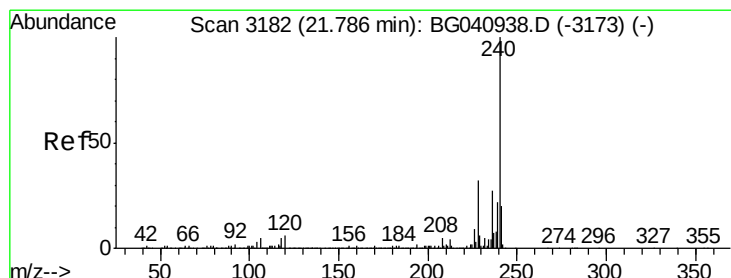
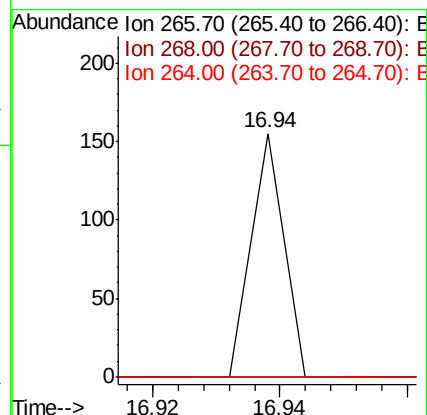
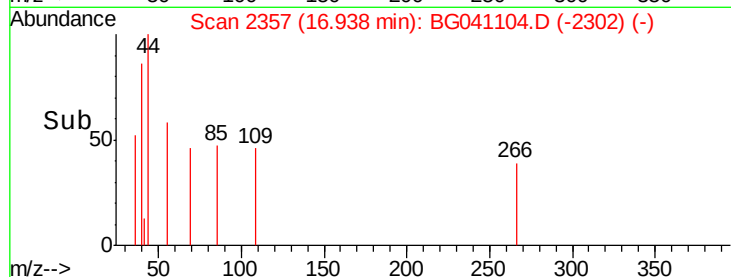


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

16.94



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.03 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

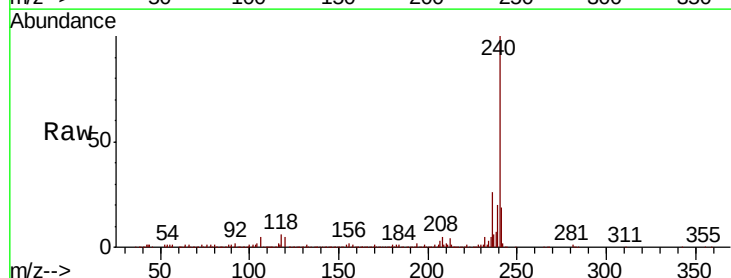
Tgt Ion:240 Resp: 327817

Ion Ratio Lower Upper

240 100

120 4.9 4.5 6.7

236 26.0 21.3 31.9

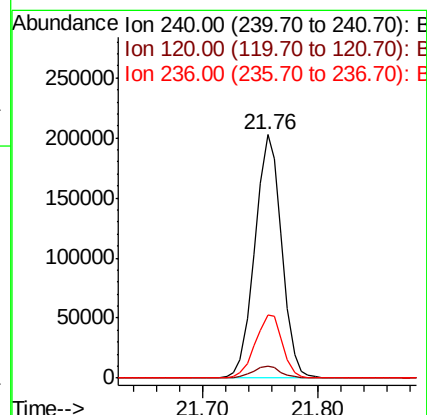
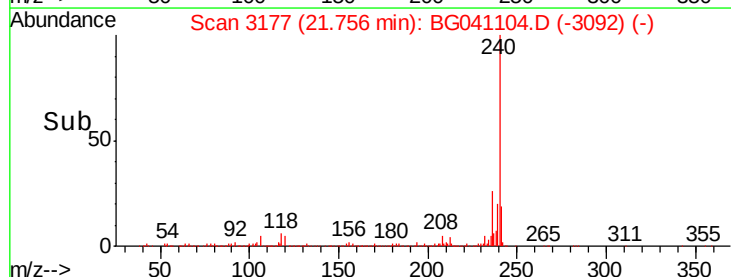


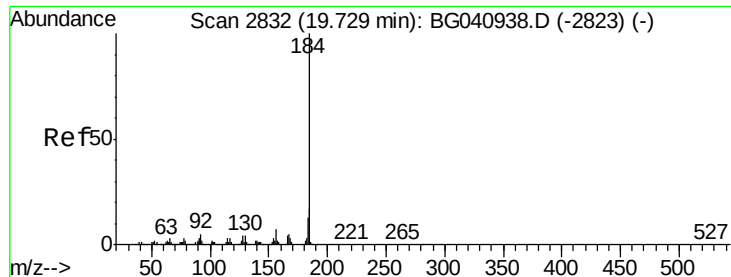
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.76





#77

Benzidine

Concen: 2.700 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.35 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

Instrument :

BNA_G

ClientSampleId :

S-8C

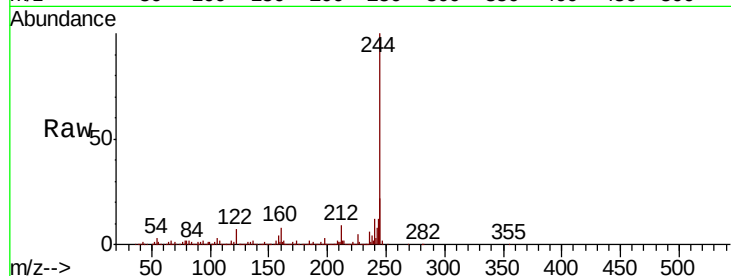
Tgt Ion:184 Resp: 21113

Ion Ratio Lower Upper

184 100

185 16.0 13.3 19.9

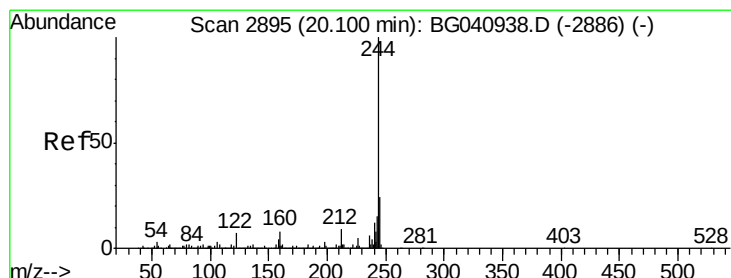
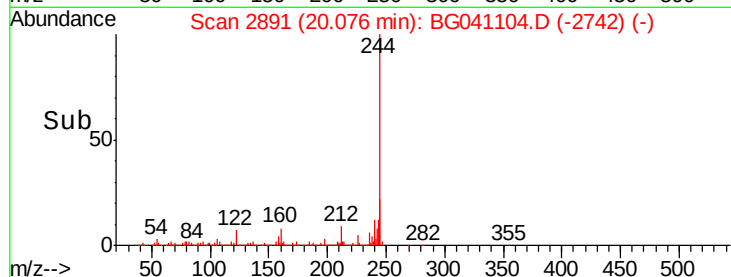
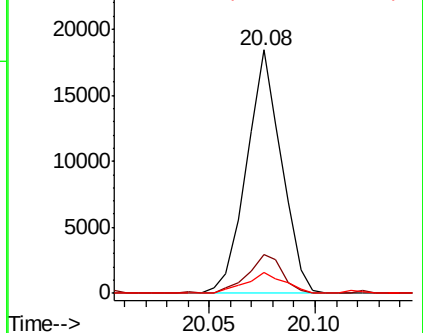
183 8.6 10.7 16.1#



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: 78.806 ng

RT: 20.08 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG041104.D

Acq: 7 Jun 2019 16:41

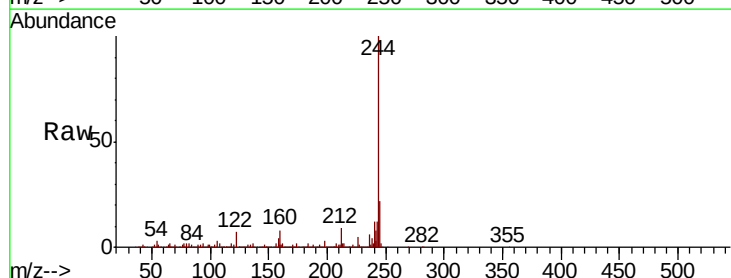
Tgt Ion:244 Resp: 1217231

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

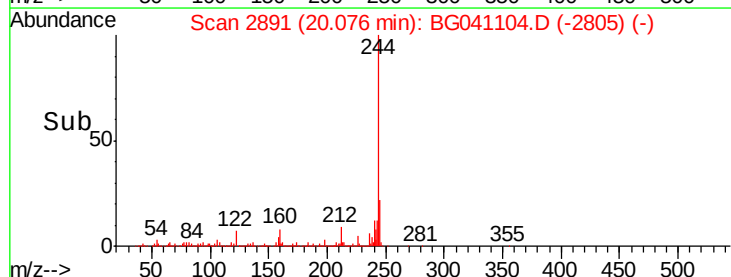
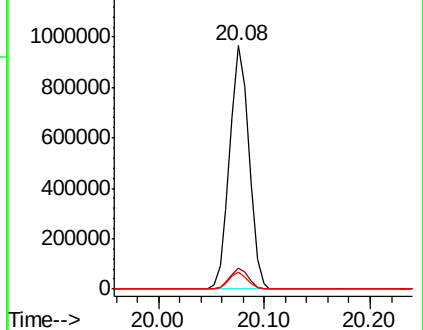
122 6.9 5.4 8.0

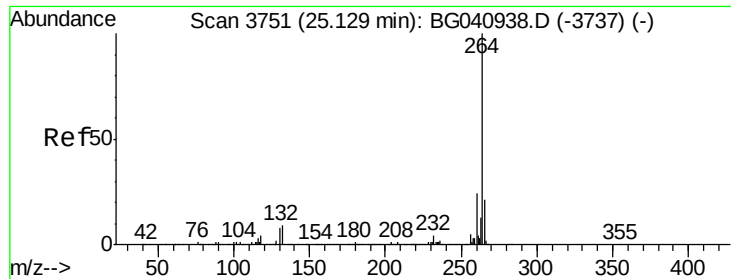


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

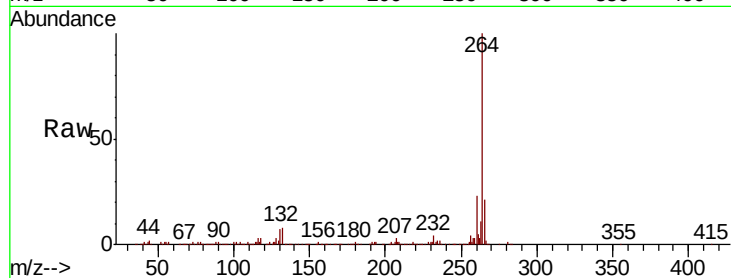




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.05 min
Lab File: BG041104.D
Acq: 7 Jun 2019 16:41

Instrument :
BNA_G
ClientSampleId :
S-8C

Tgt Ion:	264	Resp:	353455
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	21.2	17.0	25.4



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

