

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041184.D
 Acq On : 11 Jun 2019 11:38
 Operator : HP/JU
 Sample : K3265-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 12 01:52:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

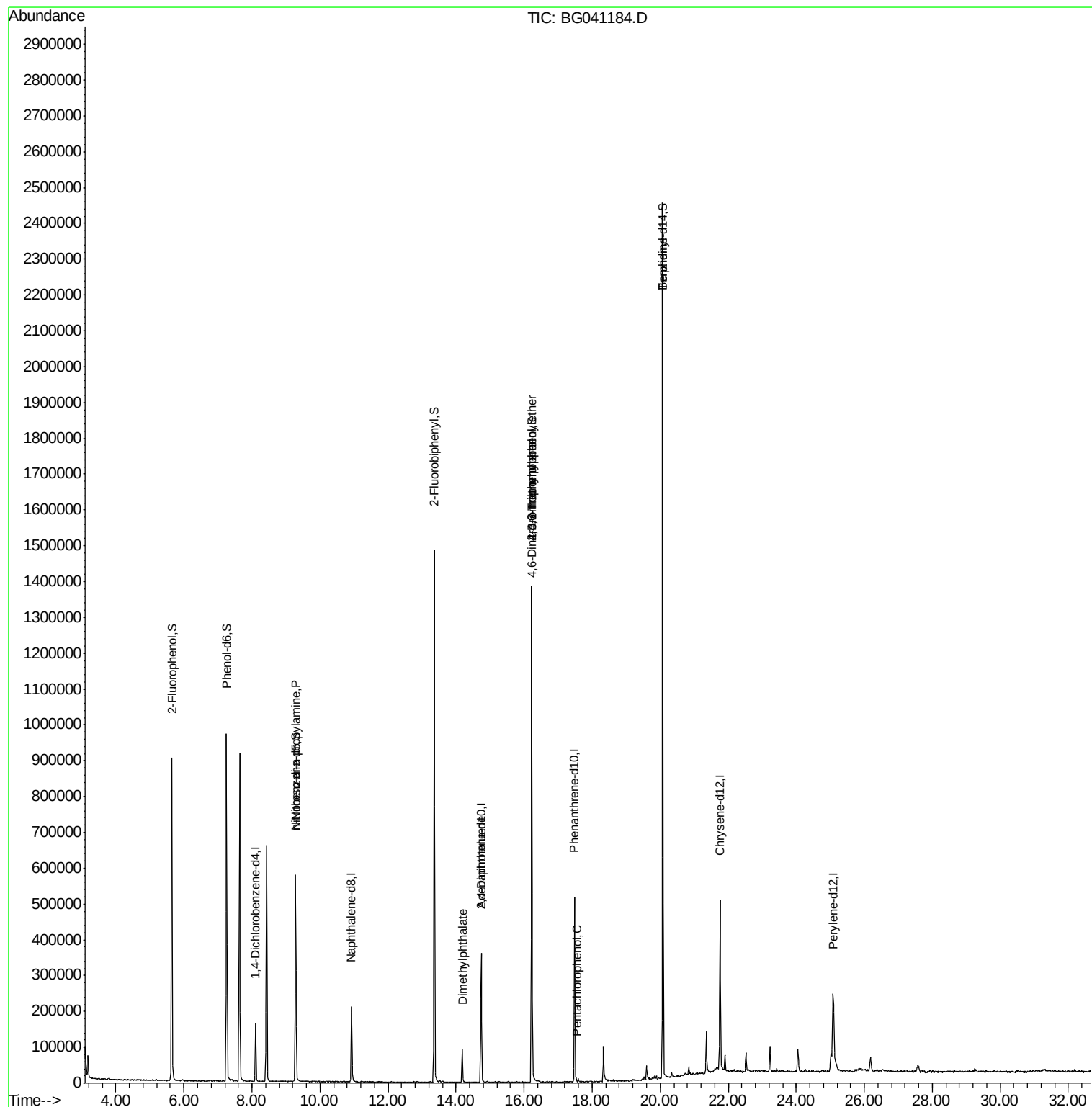
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	43855	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	180112	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	129841	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	320507	20.00	ng	0.00
76) Chrysene-d12	21.76	240	303845	20.00	ng	0.00
87) Perylene-d12	25.09	264	307861	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	349702	143.79	ng	0.00
7) Phenol-d6	7.25	99	528488	140.70	ng	0.00
23) Nitrobenzene-d5	9.29	82	367240	90.52	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	273471	141.87	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	752418	83.45	ng	0.00
79) Terphenyl-d14	20.07	244	1212973	84.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	52025	17.999	ng	Qvalue
50) Dimethylphthalate	14.18	163	66573	6.057	ng	# 79
57) 2,4-Dinitrotoluene	14.74	165	16552	4.945	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.21	198	852	8.997	ng	# 14
67) 4-Bromophenyl-phenylether	16.23	248	20060	4.638	ng	# 1
70) Pentachlorophenol	17.55	266	57	4.278	ng	# 18
77) Benzidine	20.07	184	19712	2.720	ng	# 92

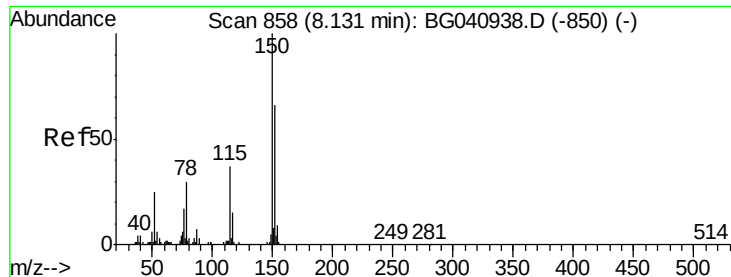
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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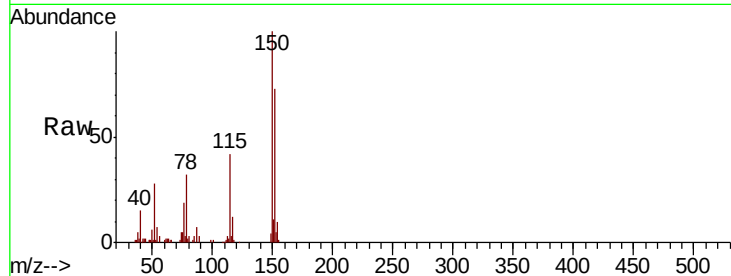


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041184.D
Acq: 11 Jun 2019 11:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.3	120.6	180.8
115	57.3	45.1	67.7

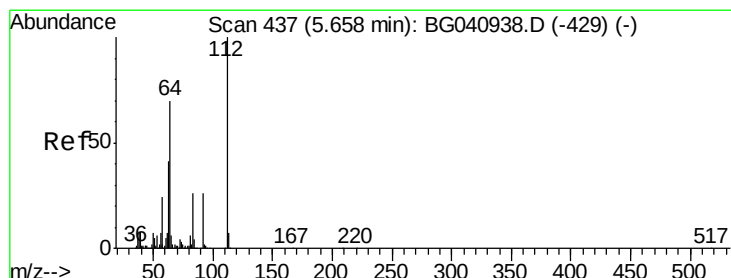
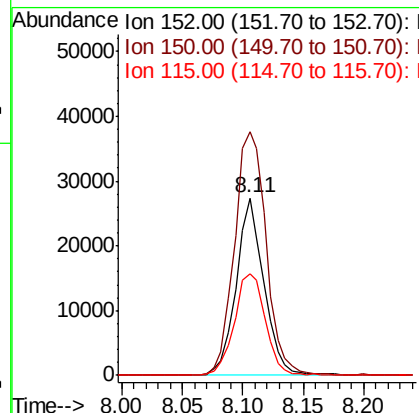
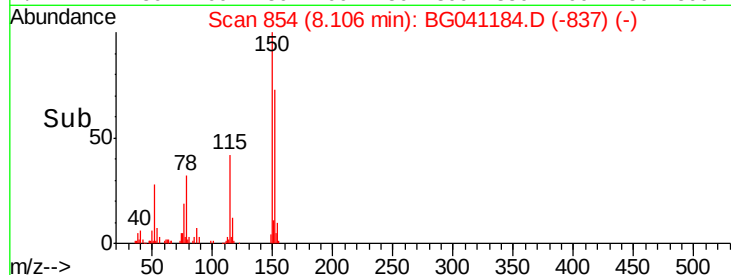


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

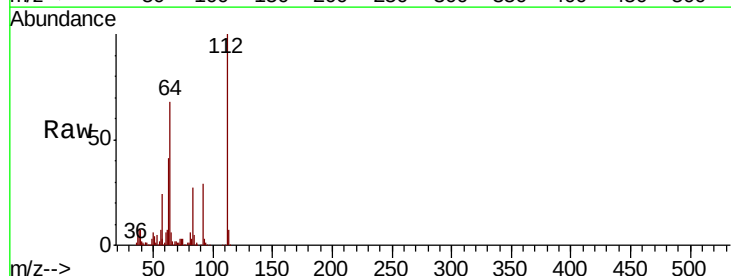
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 143.789 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG041184.D
Acq: 11 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	56.2	84.2
63	41.4	32.8	49.2

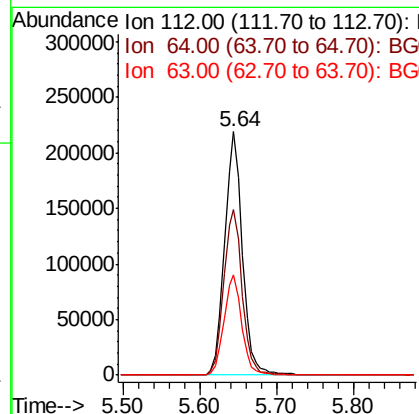
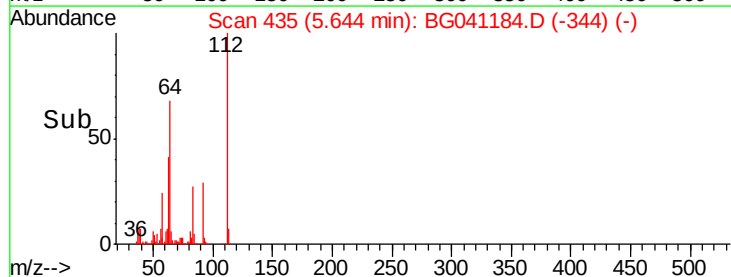


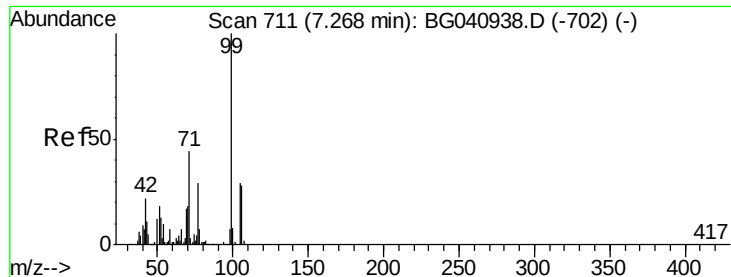
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 140.703 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041184.D

Acq: 11 Jun 2019 11:38

Instrument :

BNA_G

ClientSampleId :

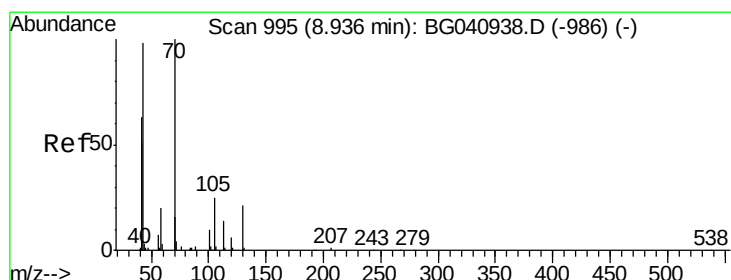
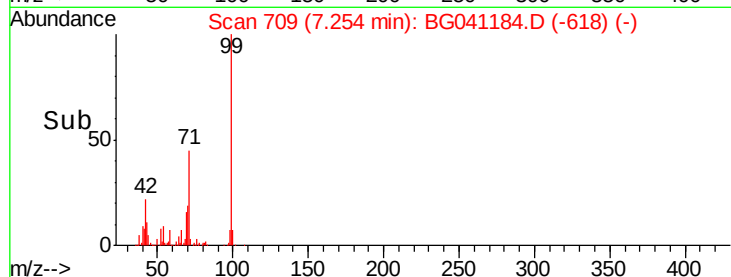
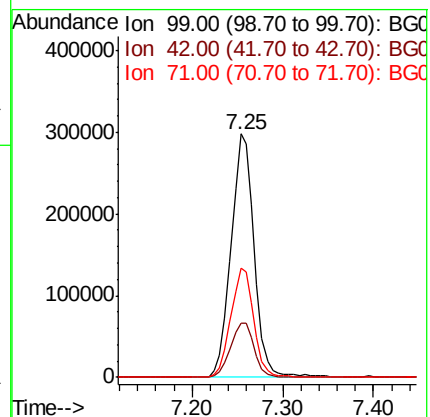
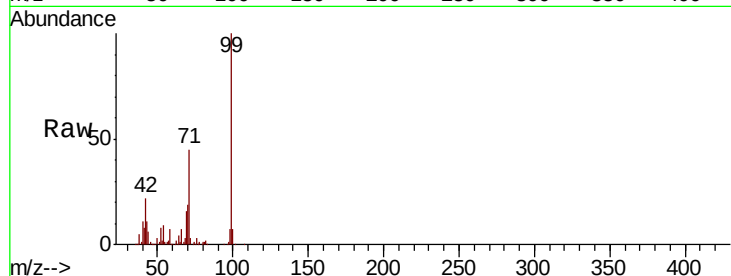
Tot Ion: 99 Resp: 528488

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

71 44.9 35.4 53.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.999 ng

RT: 9.29 min Scan# 1055

Delta R.T. 0.38 min

Lab File: BG041184.D

Acq: 11 Jun 2019 11:38

Tgt Ion: 70 Resp: 52025

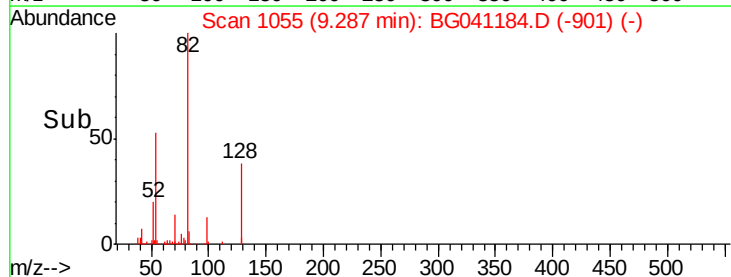
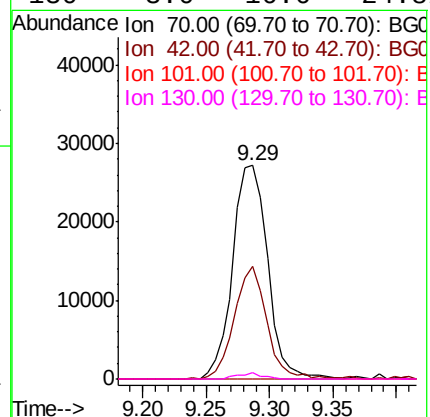
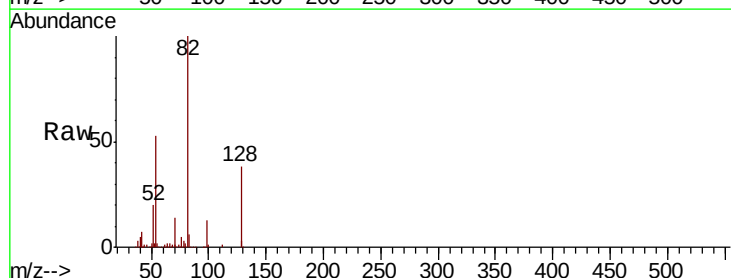
Ion Ratio Lower Upper

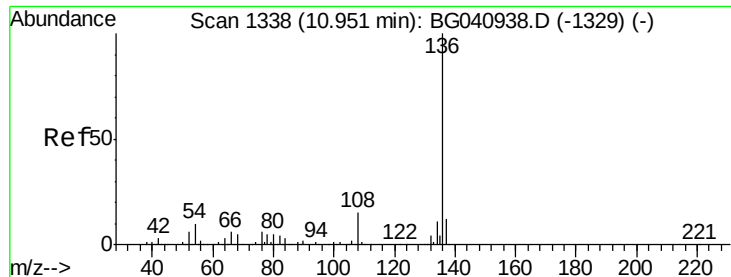
70 100

42 52.8 51.5 77.3

101 0.0 8.1 12.1#

130 3.0 16.6 24.8#

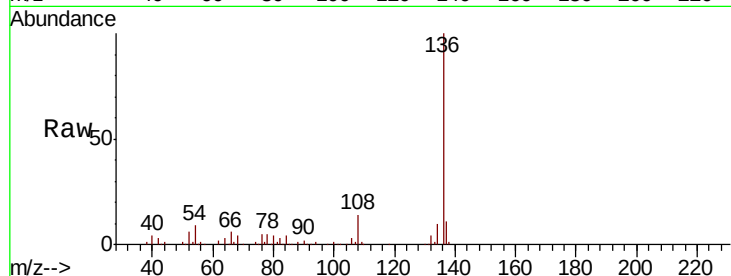




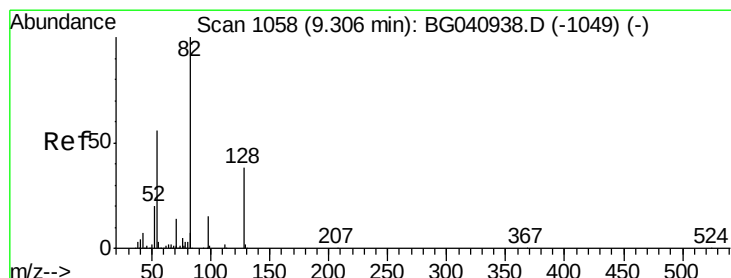
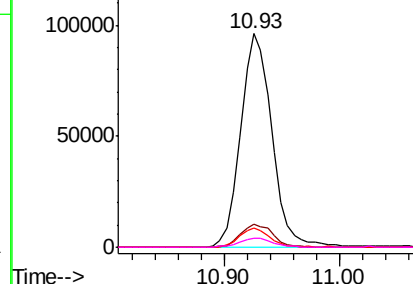
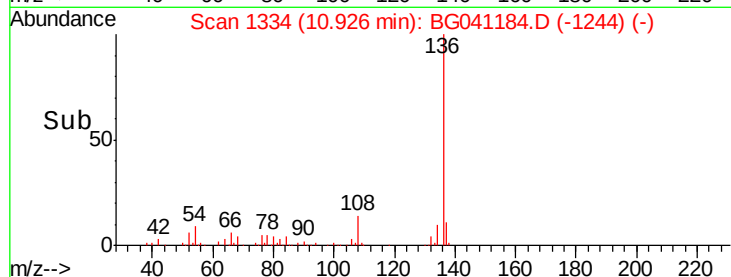
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041184.D
Acq: 11 Jun 2019 11:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	180112
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.5 14.3
54	9.2	7.6 11.4
68	4.2	3.9 5.9

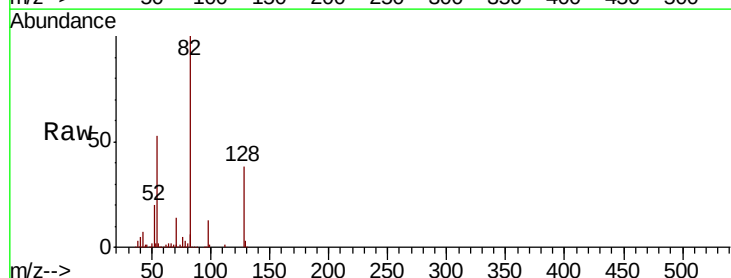


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

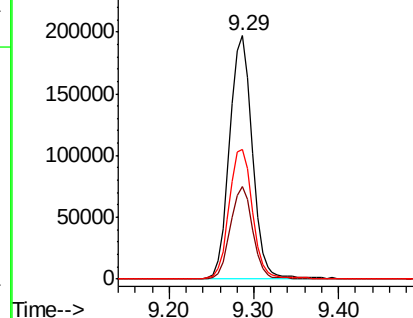
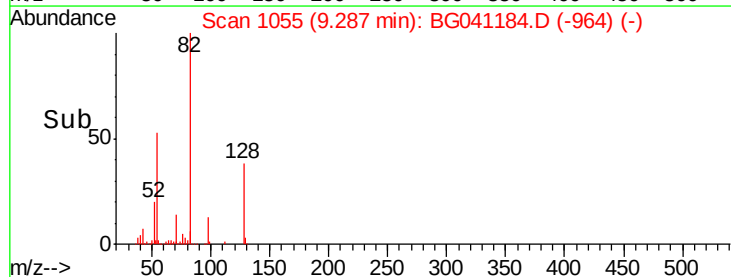


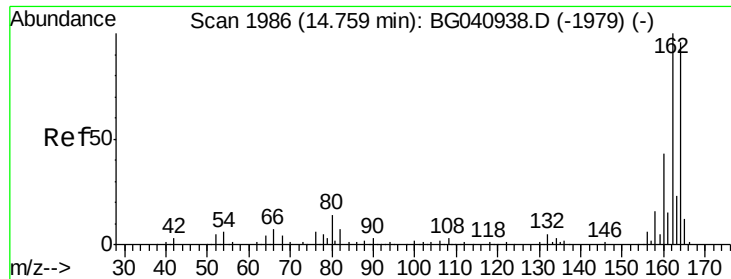
#23
Nitrobenzene-d5
Concen: 90.517 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BG041184.D
Acq: 11 Jun 2019 11:38

Tgt Ion: 82	Resp:	367240
Ion Ratio	Lower	Upper
82	100	
128	38.0	30.5 45.7
54	53.0	44.6 66.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000
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: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041184.D

Acq: 11 Jun 2019 11:38

Instrument :

BNA_G

ClientSampleId :

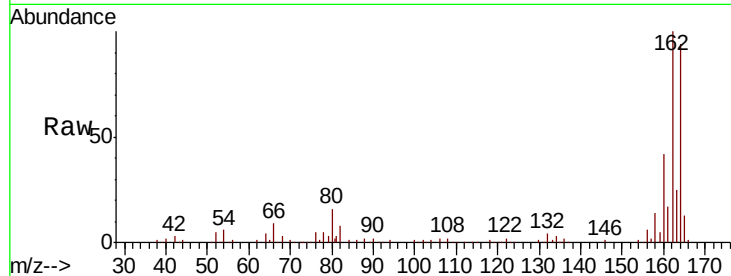
Tot Ion:164 Resp: 129841

Ion Ratio Lower Upper

164 100

162 106.2 83.0 124.4

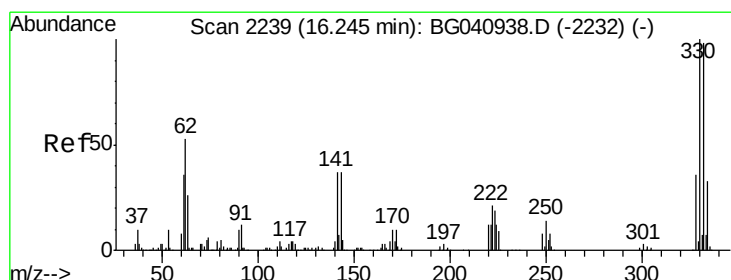
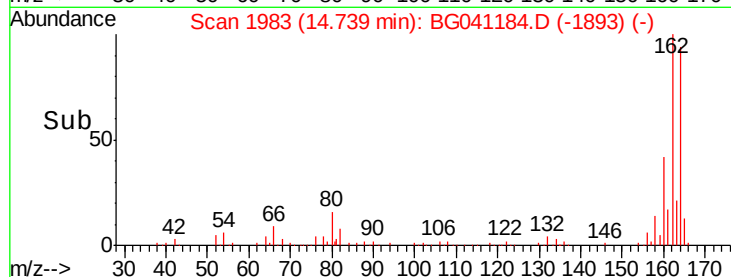
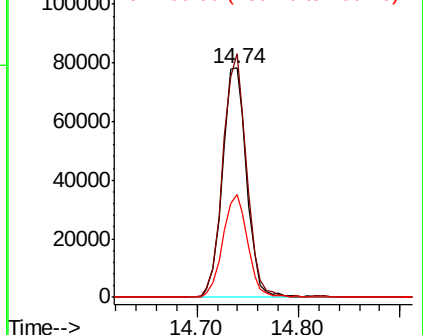
160 45.0 35.6 53.4



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: 141.873 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041184.D

Acq: 11 Jun 2019 11:38

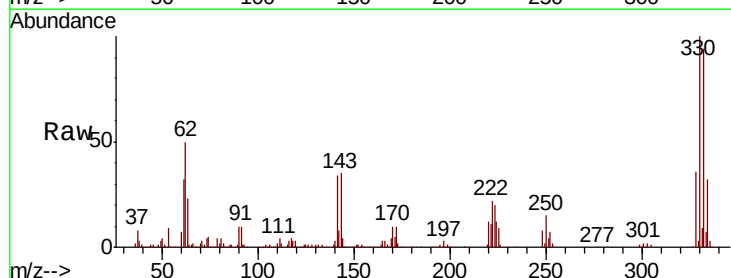
Tgt Ion:330 Resp: 273471

Ion Ratio Lower Upper

330 100

332 93.2 78.5 117.7

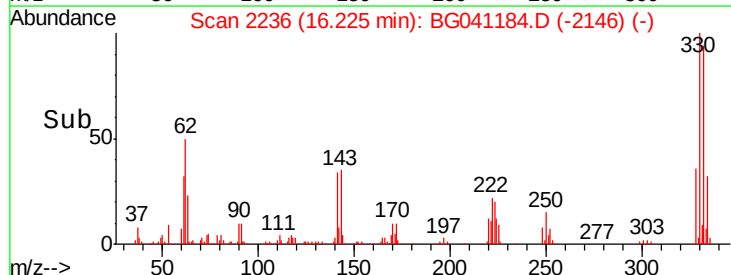
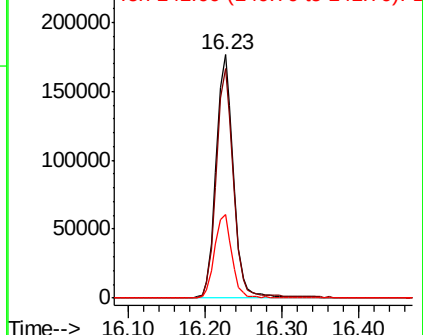
141 34.1 28.7 43.1

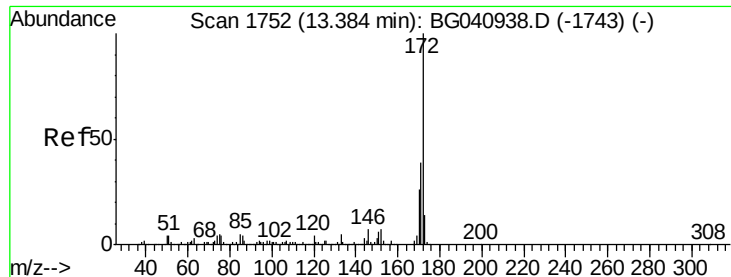


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

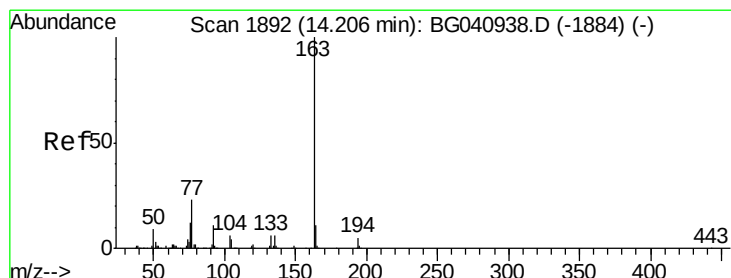
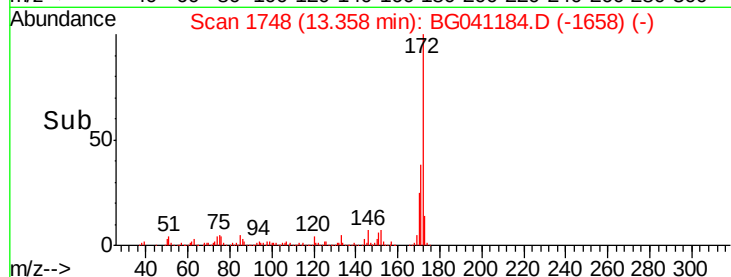
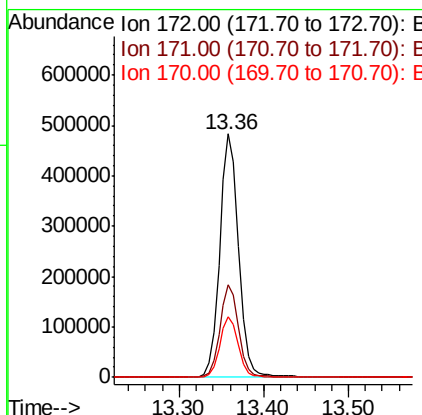
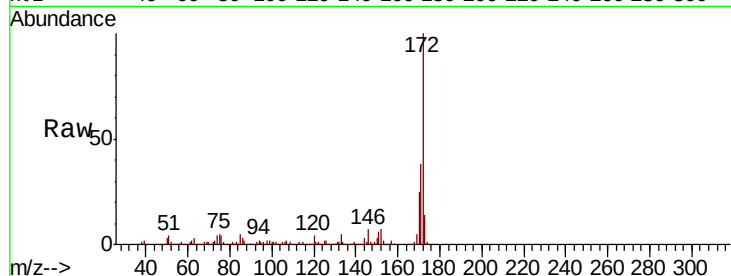




#45
2-Fluorobiphenyl
Concen: 83.453 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041184.D
Acq: 11 Jun 2019 11:38

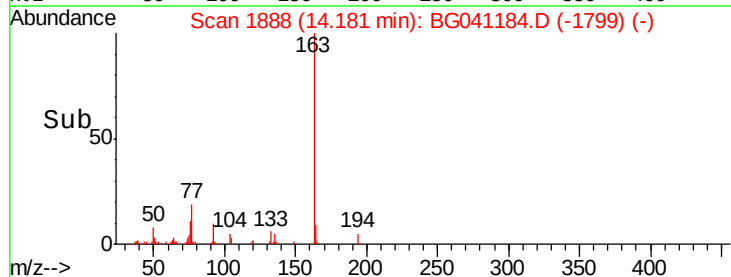
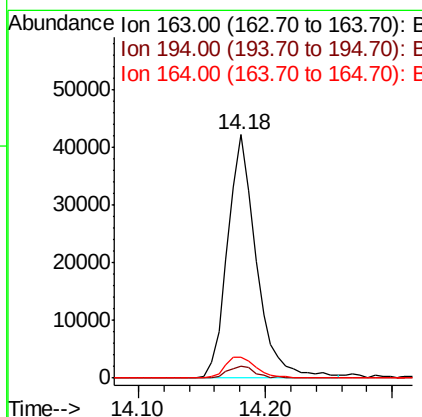
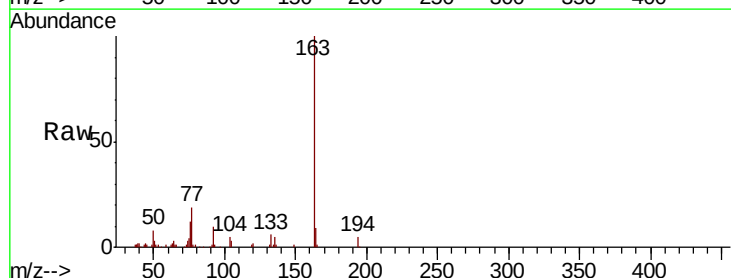
Instrument :
BNA_G
ClientSampleId :

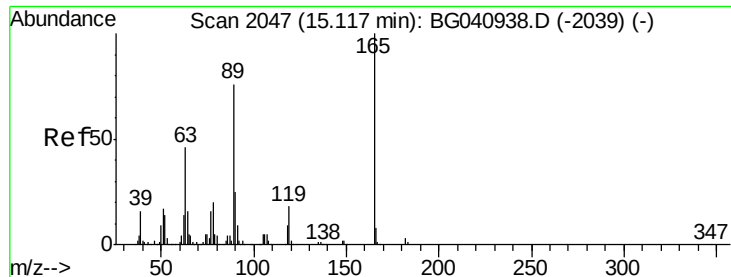
Tot Ion:172 Resp: 752418
Ion Ratio Lower Upper
172 100
171 37.9 31.1 46.7
170 24.7 20.5 30.7



#50
Dimethylphthalate
Concen: 6.057 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG041184.D
Acq: 11 Jun 2019 11:38

Tgt Ion:163 Resp: 66573
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.8
164 8.8 8.7 13.1

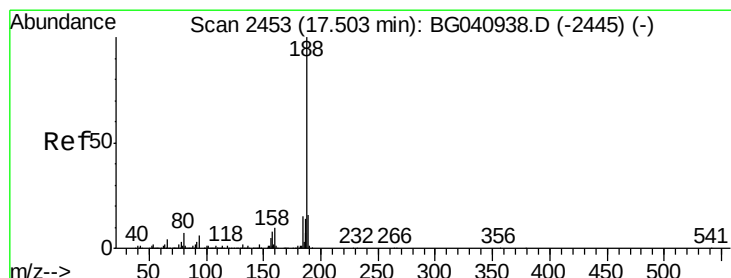
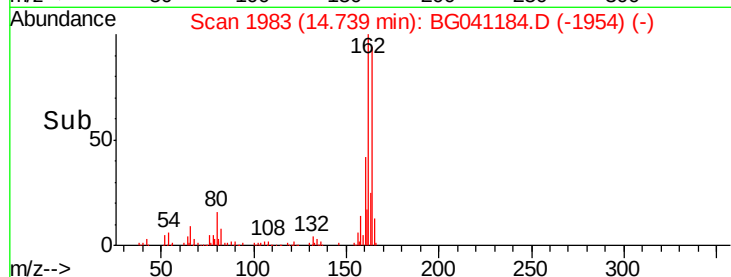
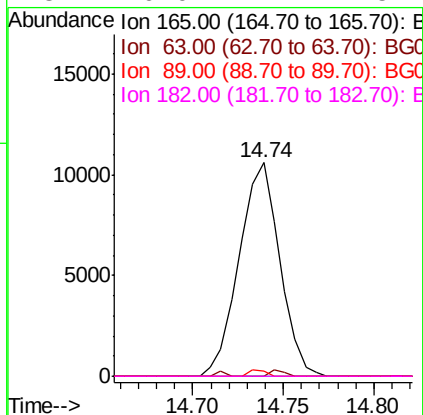
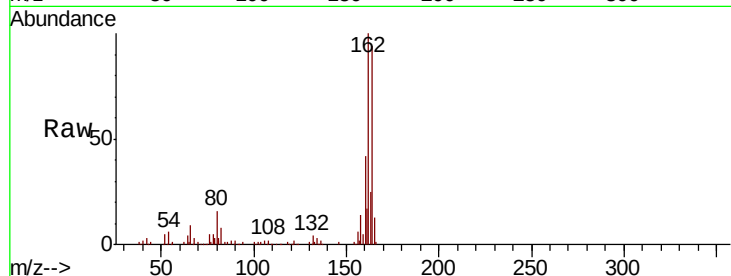




#57
 2,4-Dinitrotoluene
 Concen: 4.945 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.36 min
 Lab File: BG041184.D
 Acq: 11 Jun 2019 11:38

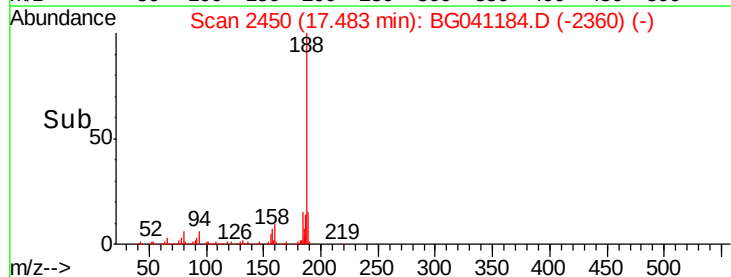
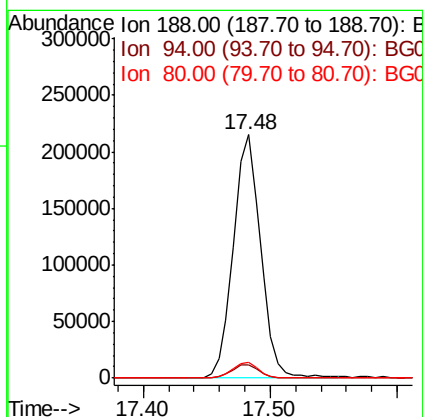
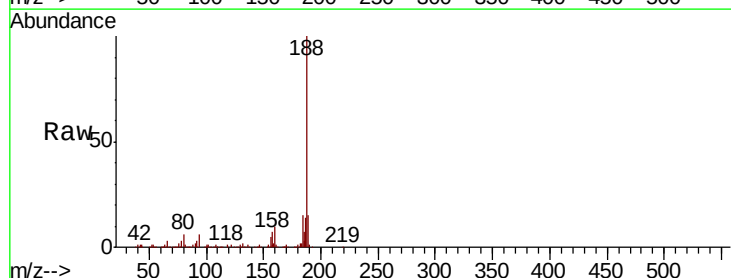
Instrument :
 BNA_G
 ClientSampleId :

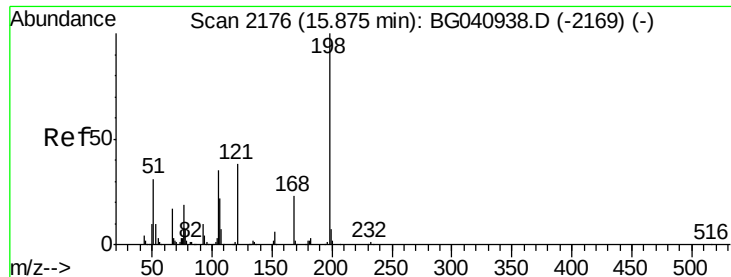
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	2.4	61.0	91.6#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BG041184.D
 Acq: 11 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.7	7.1
80	6.5	5.8	8.8





#65

4,6-Dinitro-2-methylphenol

Concen: 8.997 ng

RT: 16.21 min Scan# 2234

Delta R.T. 0.35 min

Lab File: BG041184.D

Acq: 11 Jun 2019 11:38

Instrument :

BNA_G

ClientSampleId :

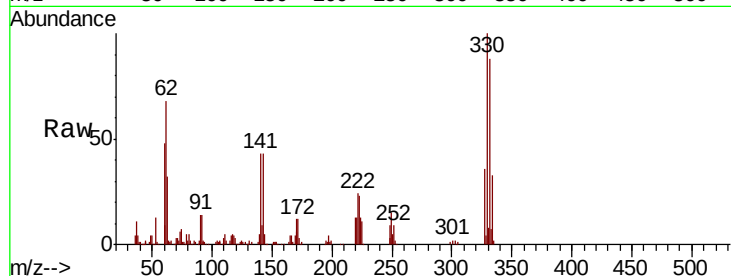
Tot Ion:198 Resp: 852

Ion Ratio Lower Upper

198 100

51 70.4 21.6 61.6#

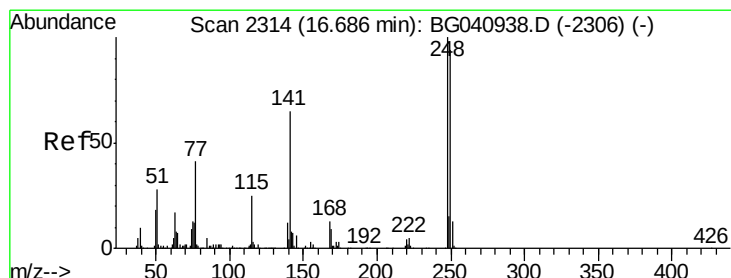
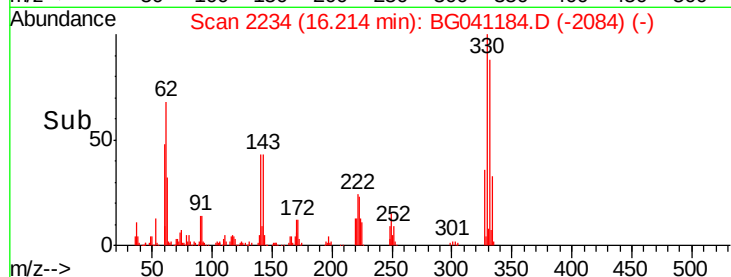
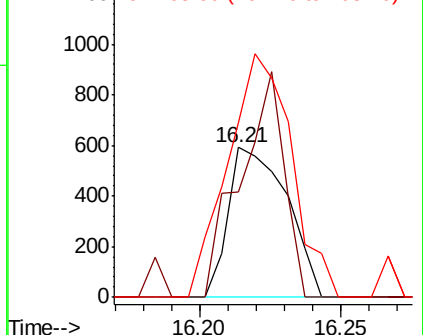
105 116.2 17.5 57.5#



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: 4.638 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.43 min

Lab File: BG041184.D

Acq: 11 Jun 2019 11:38

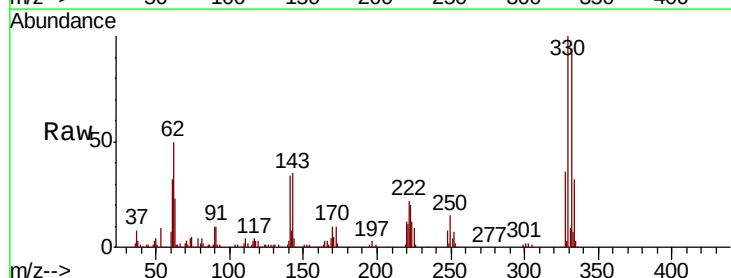
Tgt Ion:248 Resp: 20060

Ion Ratio Lower Upper

248 100

250 194.2 75.0 112.4#

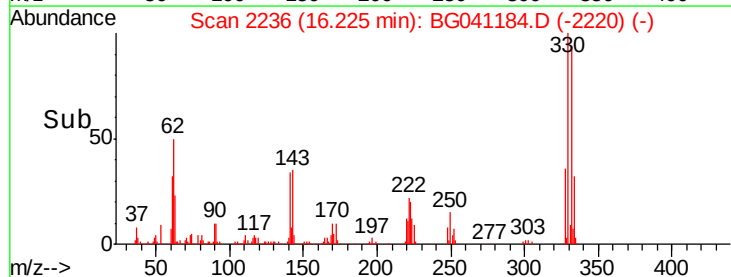
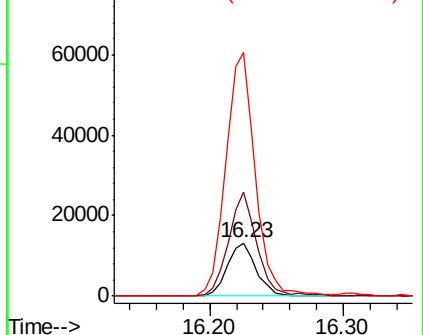
141 455.2 52.4 78.6#

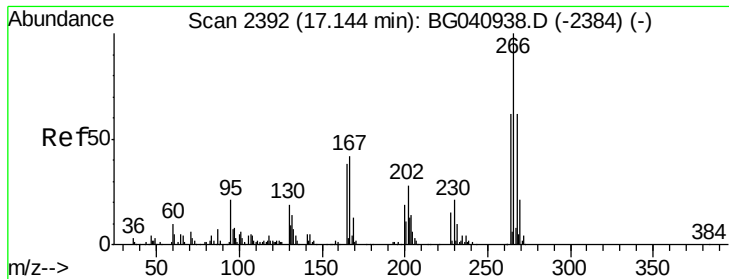


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

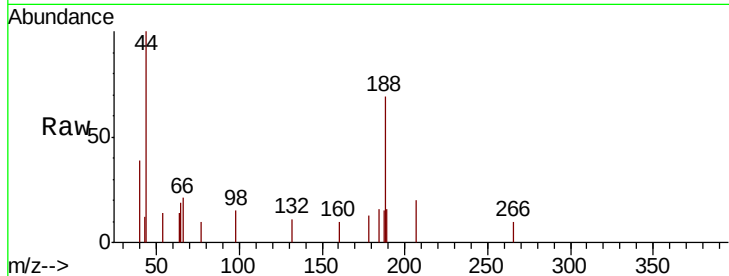




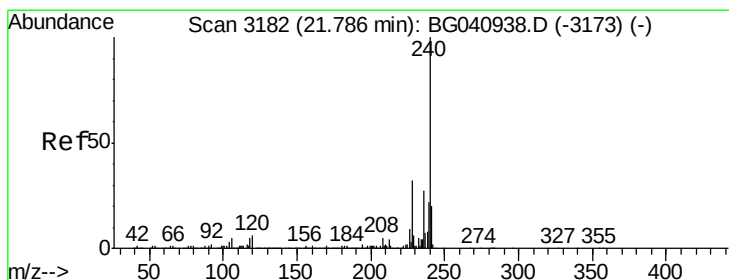
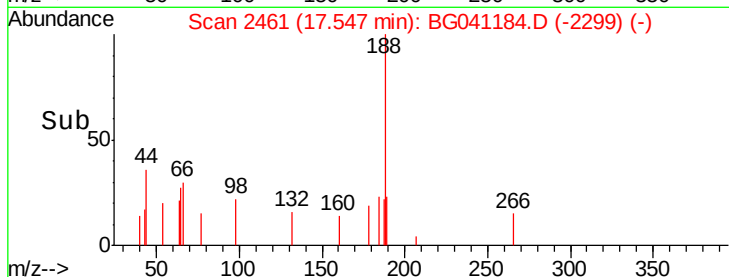
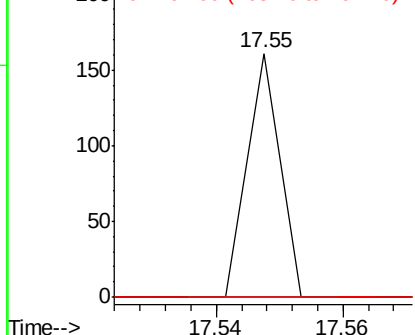
#70
 Pentachlorophenol
 Concen: 4.278 ng
 RT: 17.55 min Scan# 2461
 Delta R.T. 0.42 min
 Lab File: BG041184.D
 Acq: 11 Jun 2019 11:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.1	79.7#
264	0.0	49.9	74.9#

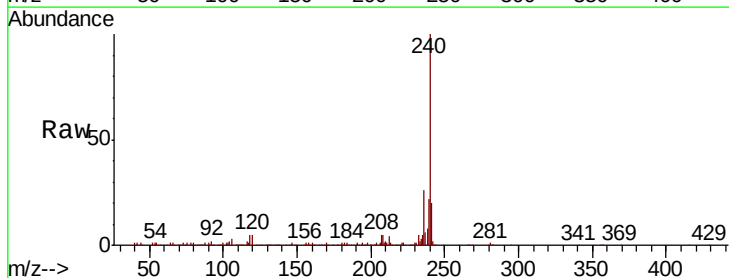


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

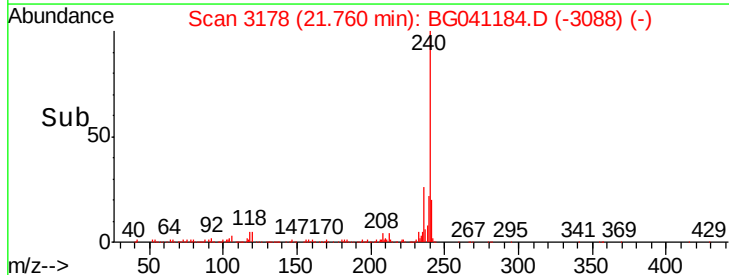
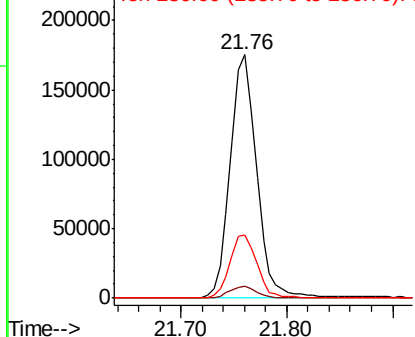


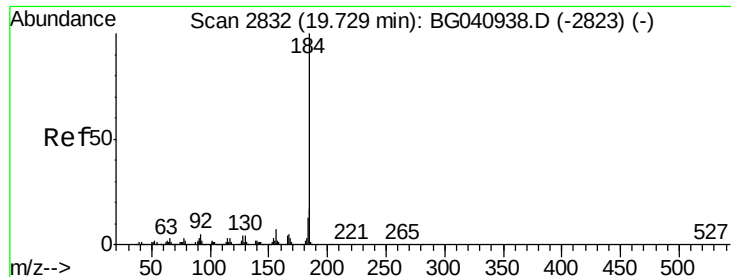
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. 0.00 min
 Lab File: BG041184.D
 Acq: 11 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.7	4.5	6.7
236	25.8	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





#77

Benzidine

Concen: 2.720 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.36 min

Lab File: BG041184.D

Acq: 11 Jun 2019 11:38

Instrument :

BNA_G

ClientSampleId :

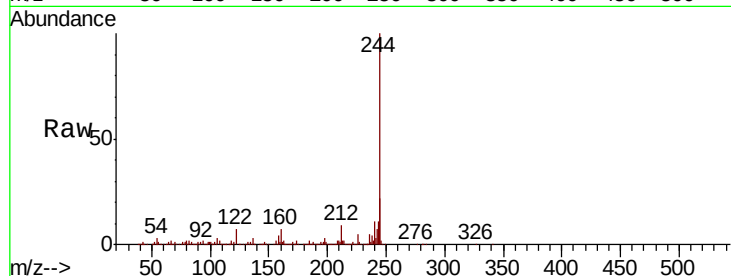
Tot Ion:184 Resp: 19712

Ion Ratio Lower Upper

184 100

185 14.9 13.3 19.9

183 8.5 10.7 16.1#

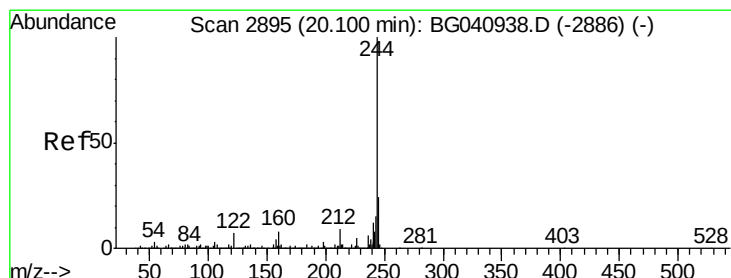
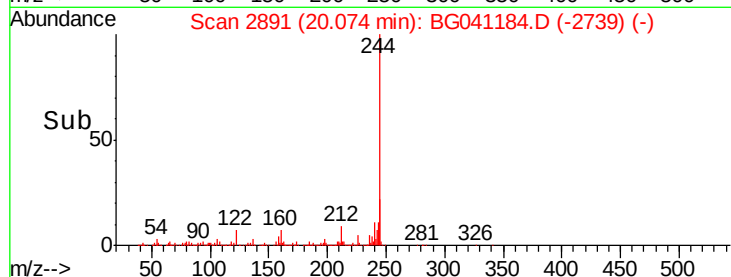
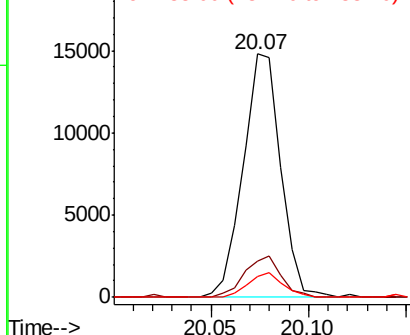


Abundance

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: 84.726 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041184.D

Acq: 11 Jun 2019 11:38

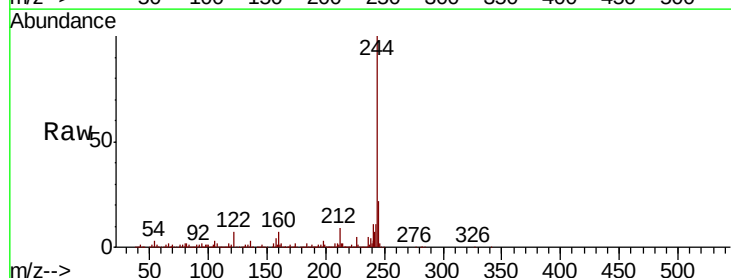
Tgt Ion:244 Resp: 1212973

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

122 6.8 5.4 8.0

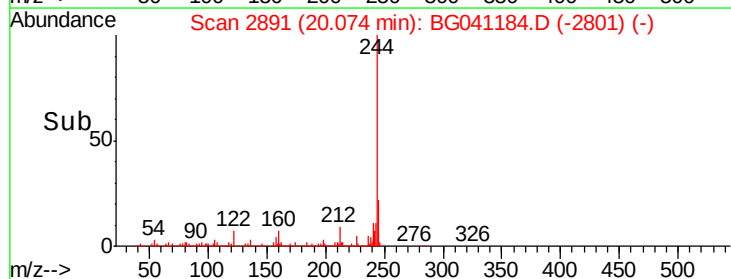
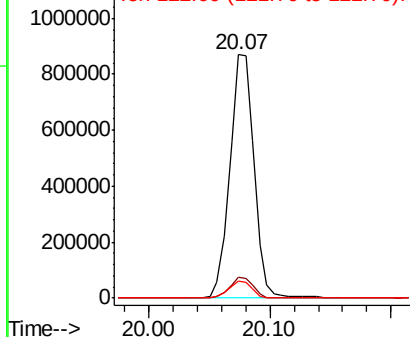


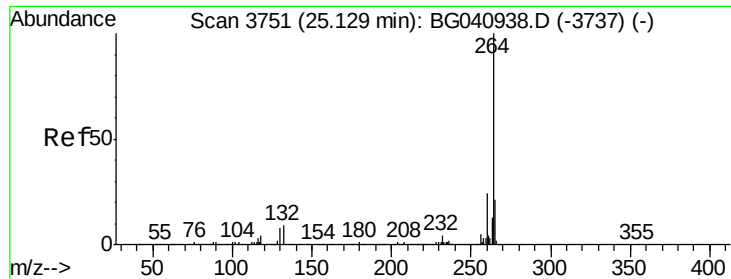
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG041184.D
Acq: 11 Jun 2019 11:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	307861
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.8	17.0	25.4

