

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
 Data File : BG041171.D
 Acq On : 10 Jun 2019 20:10
 Operator : HP/JU
 Sample : K3175-01RX
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-03-007-ABCD

Quant Time: Jun 11 03:50:24 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

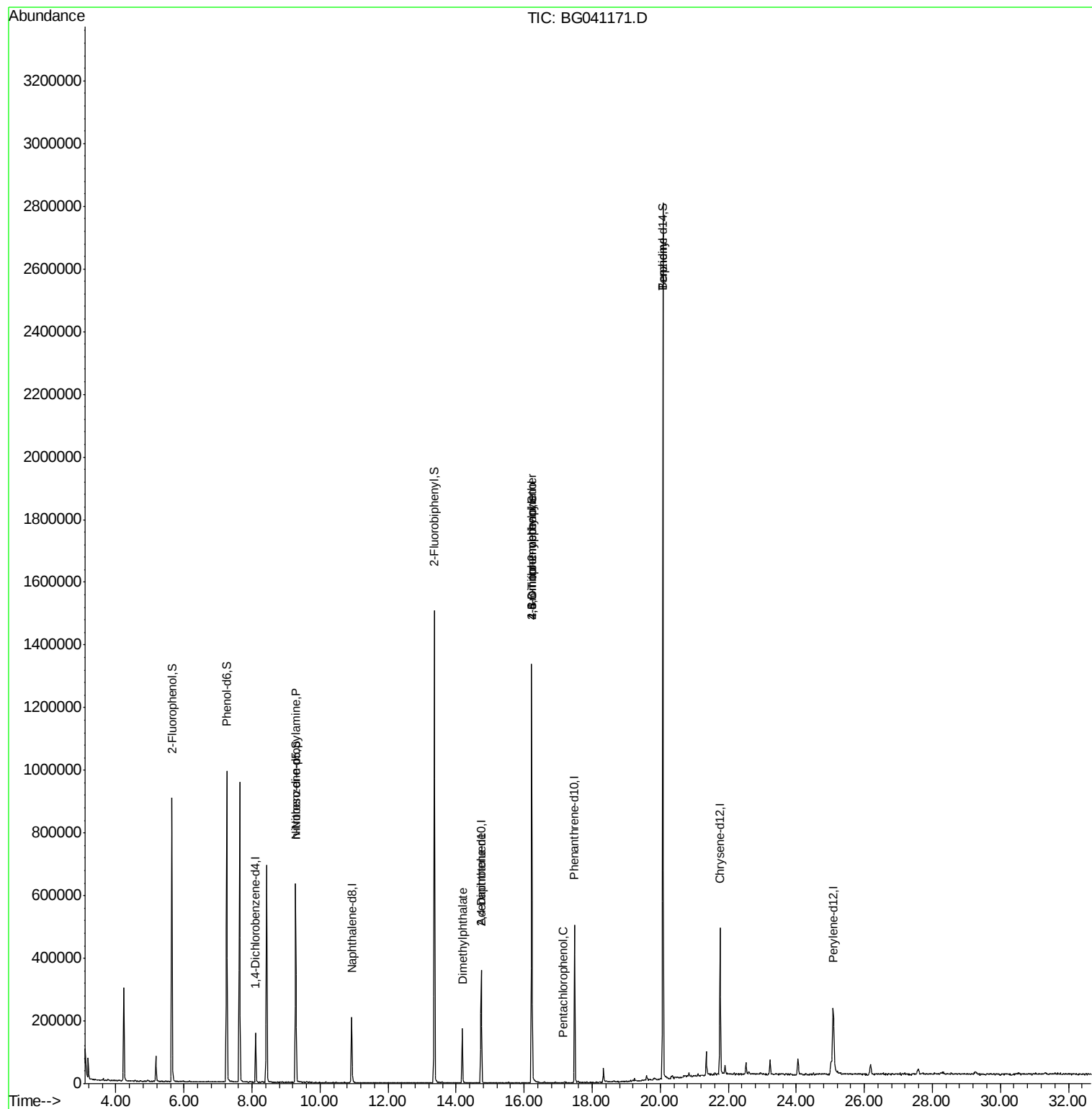
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	41607	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	171757	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	127734	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	311366	20.00	ng	0.00
76) Chrysene-d12	21.76	240	303265	20.00	ng	0.00
87) Perylene-d12	25.08	264	294375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	347746	150.71	ng	0.00
7) Phenol-d6	7.26	99	535726	150.34	ng	0.01
23) Nitrobenzene-d5	9.29	82	379448	98.08	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	259866	137.04	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	801620	90.38	ng	0.00
79) Terphenyl-d14	20.08	244	1332901	93.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	53297	19.435	ng	Qvalue # 79
50) Dimethylphthalate	14.18	163	118471	10.957	ng	# 99
57) 2,4-Dinitrotoluene	14.74	165	17266	5.243	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.22	198	782	8.974	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	19198	4.569	ng	# 1
70) Pentachlorophenol	17.14	266	73	4.285	ng	# 18
77) Benzidine	20.08	184	22299	3.082	ng	# 93

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

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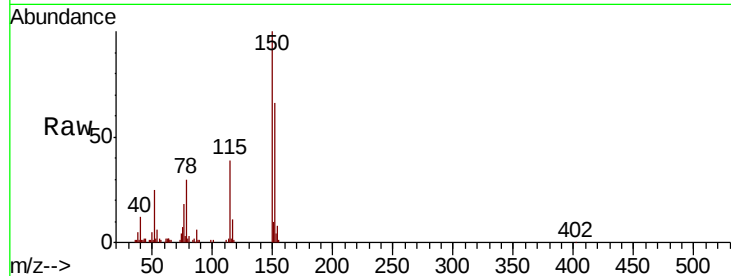


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG041171.D
Acq: 10 Jun 2019 20:10

Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-007-ABCD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.8	120.6	180.8
115	58.3	45.1	67.7

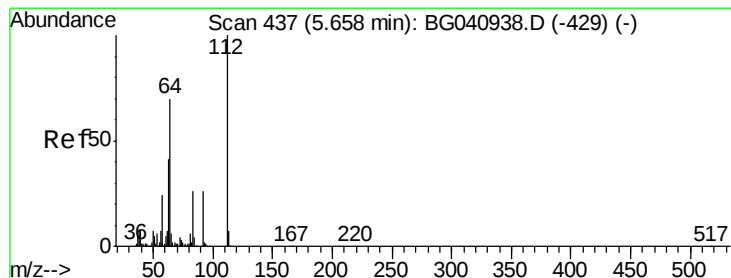
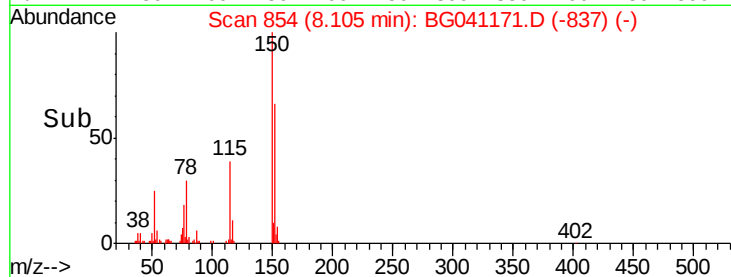
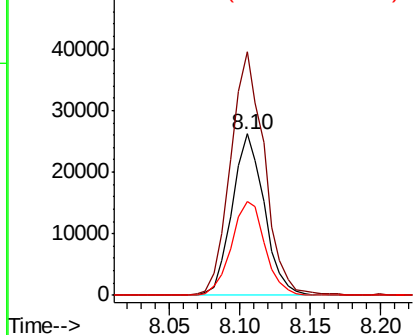


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

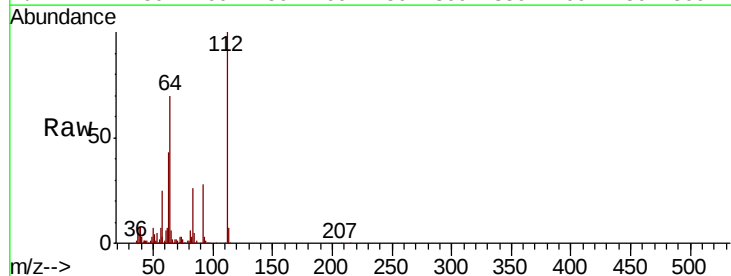
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 150.710 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG041171.D
Acq: 10 Jun 2019 20:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	56.2	84.2
63	42.8	32.8	49.2

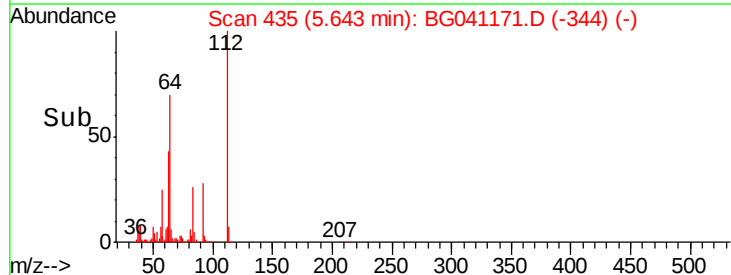
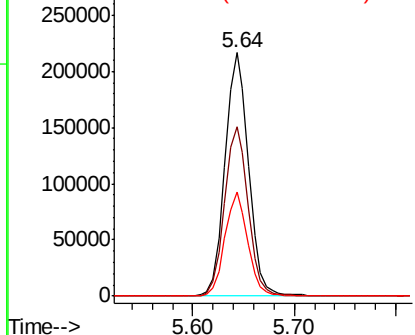


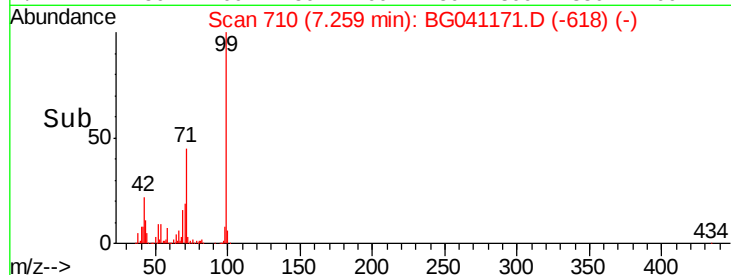
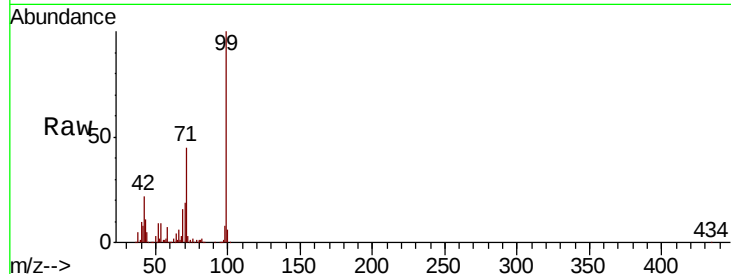
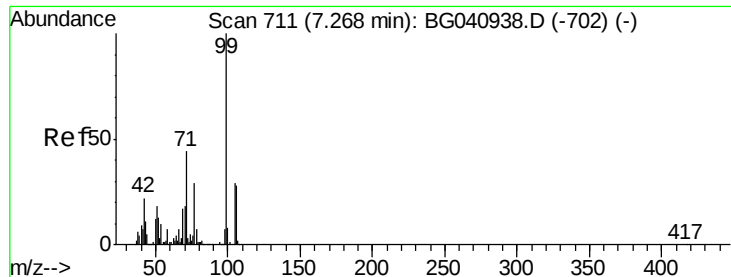
Abundance

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: 150.337 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG041171.D

Acq: 10 Jun 2019 20:10

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-007-ABCD

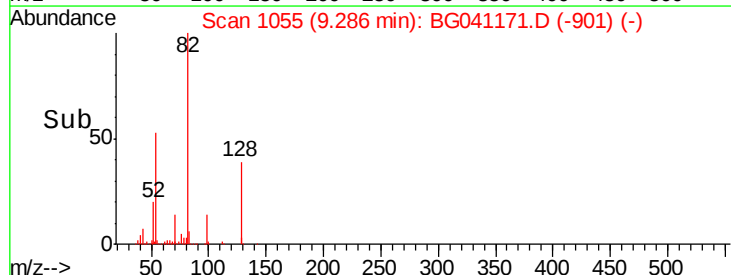
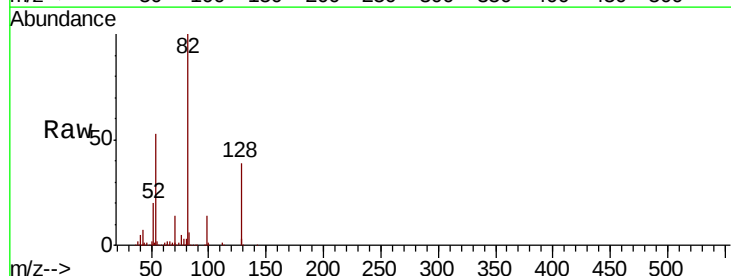
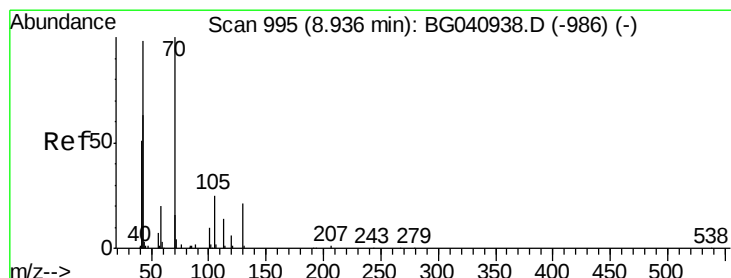
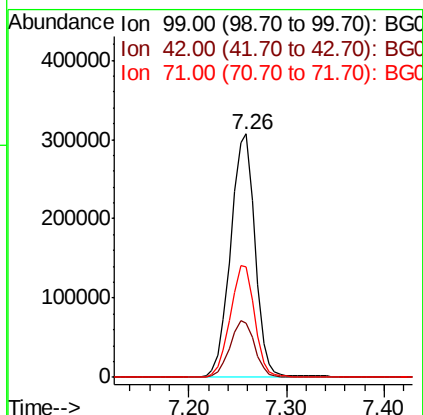
Tgt Ion: 99 Resp: 535726

Ion Ratio Lower Upper

99 100

42 22.5 17.9 26.9

71 45.5 35.4 53.0



#19

n-Nitroso-di-n-propylamine

Concen: 19.435 ng

RT: 9.29 min Scan# 1055

Delta R.T. 0.38 min

Lab File: BG041171.D

Acq: 10 Jun 2019 20:10

Tgt Ion: 70 Resp: 53297

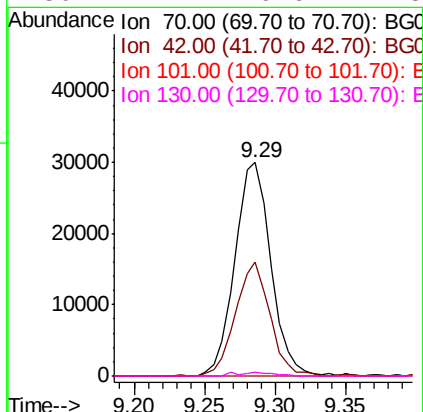
Ion Ratio Lower Upper

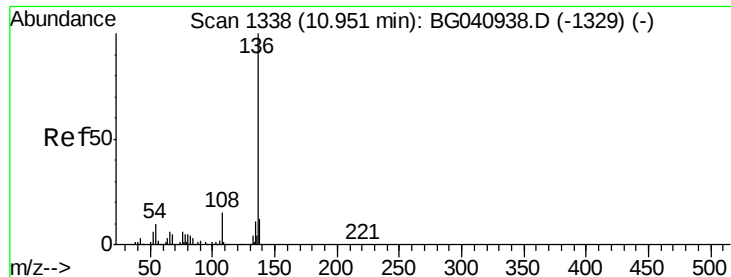
70 100

42 53.5 51.5 77.3

101 0.0 8.1 12.1#

130 2.1 16.6 24.8#

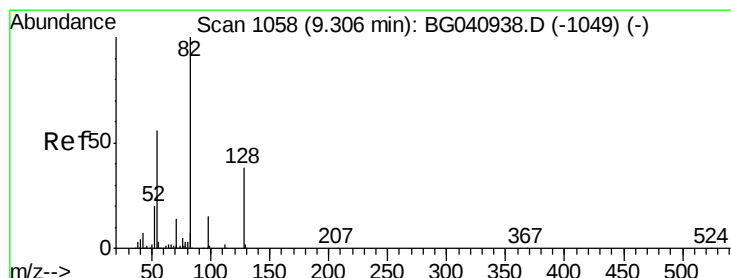
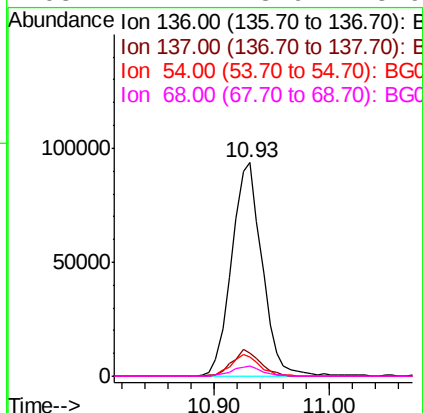
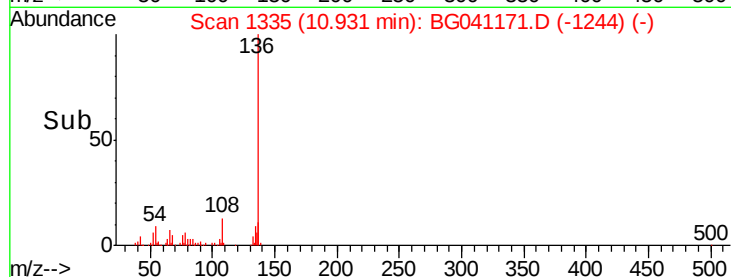
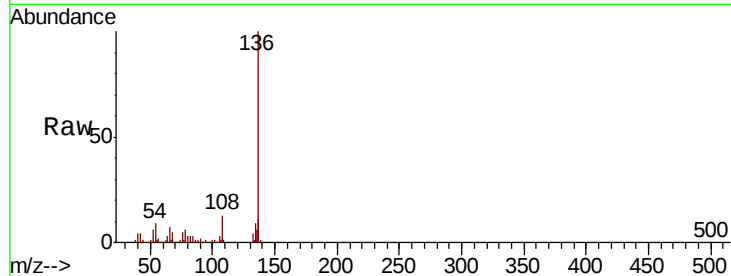




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BG041171.D
Acq: 10 Jun 2019 20:10

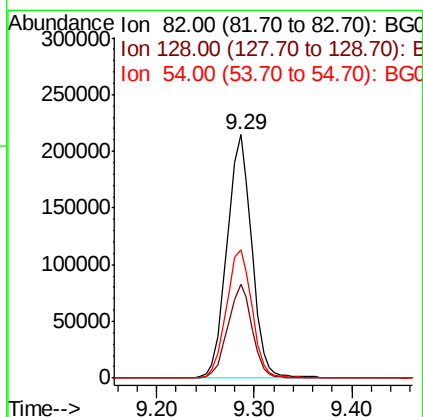
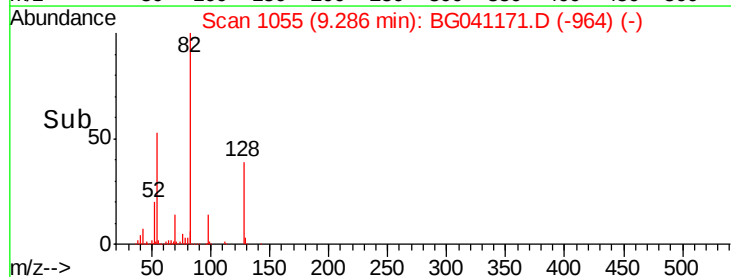
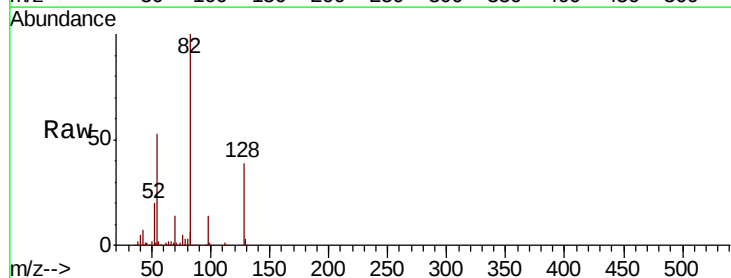
Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-007-ABCD

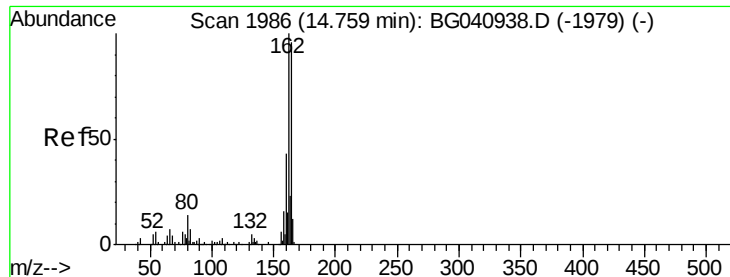
Tgt Ion:	136	Resp:	171757
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.5	14.3
54	8.8	7.6	11.4
68	4.7	3.9	5.9



#23
Nitrobenzene-d5
Concen: 98.075 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BG041171.D
Acq: 10 Jun 2019 20:10

Tgt Ion:	82	Resp:	379448
Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.5	45.7
54	52.7	44.6	66.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG041171.D

Acq: 10 Jun 2019 20:10

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-007-ABCD

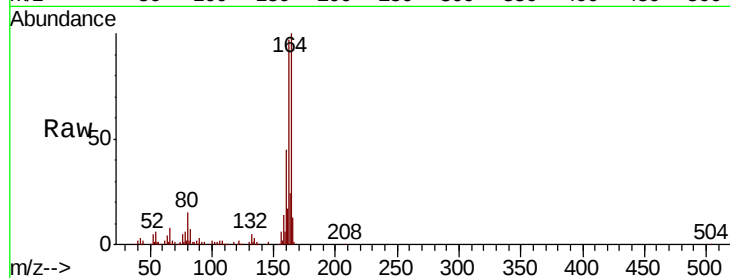
Tgt Ion:164 Resp: 127734

Ion Ratio Lower Upper

164 100

162 97.1 83.0 124.4

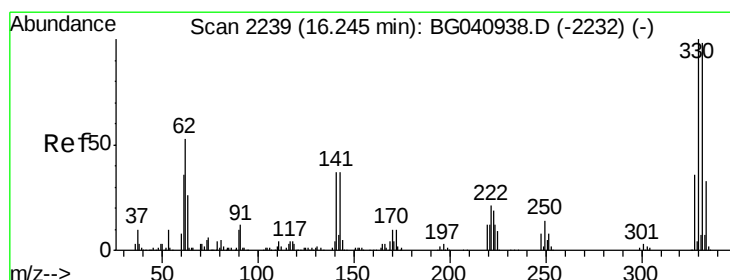
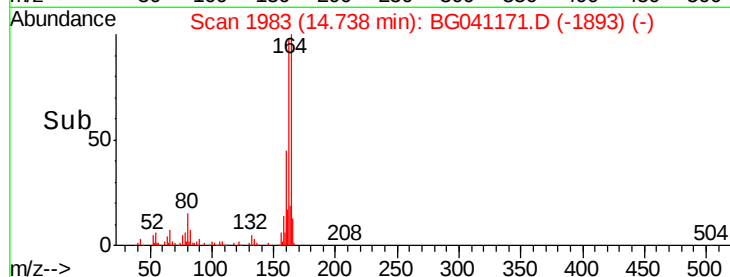
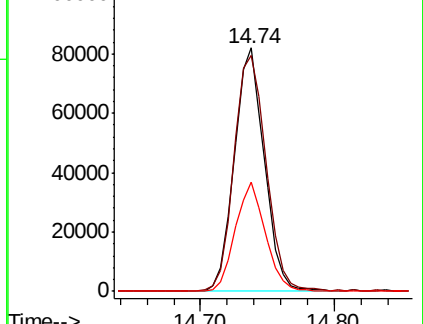
160 45.1 35.6 53.4



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: 137.038 ng

RT: 16.22 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG041171.D

Acq: 10 Jun 2019 20:10

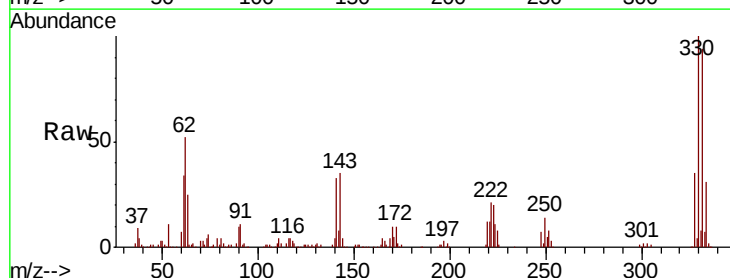
Tgt Ion:330 Resp: 259866

Ion Ratio Lower Upper

330 100

332 97.3 78.5 117.7

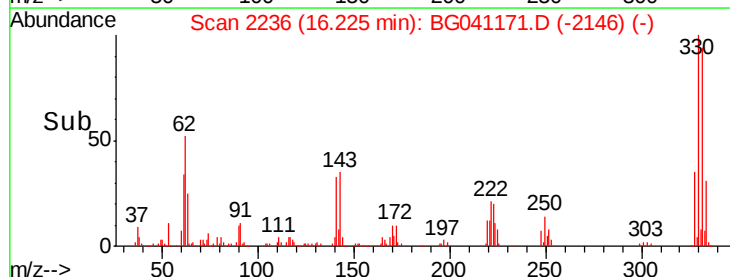
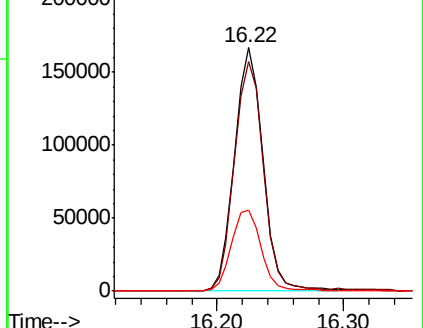
141 35.3 28.7 43.1

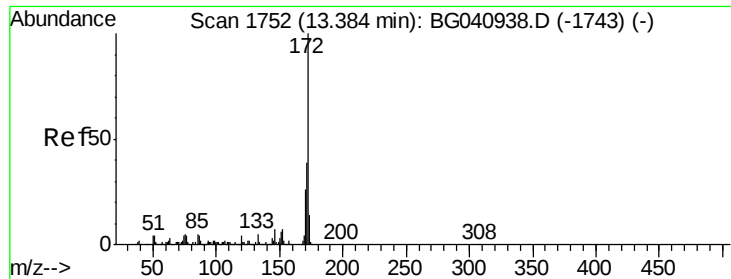


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

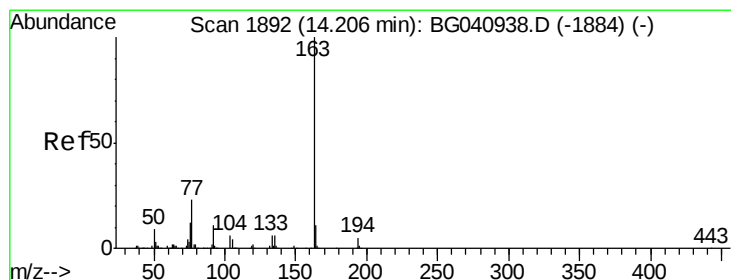
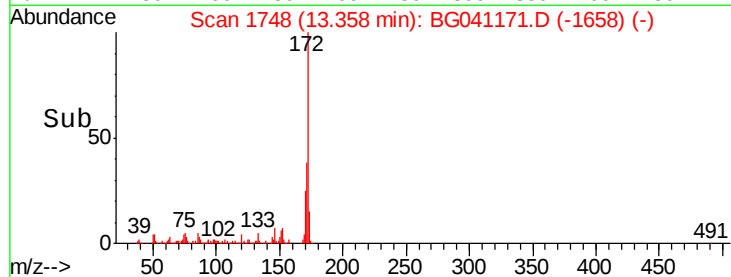
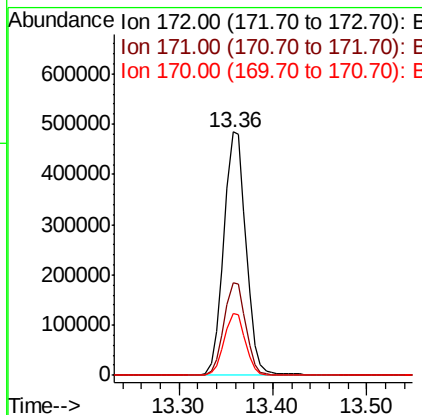
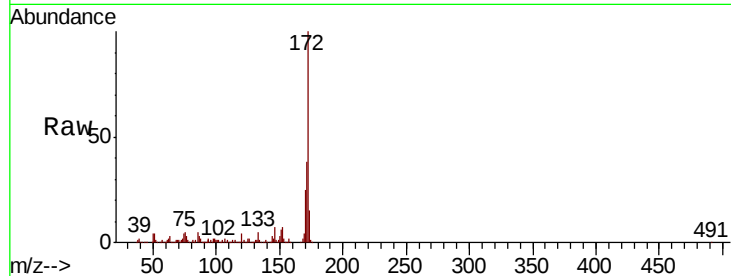




#45
 2-Fluorobiphenyl
 Concen: 90.377 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG041171.D
 Acq: 10 Jun 2019 20:10

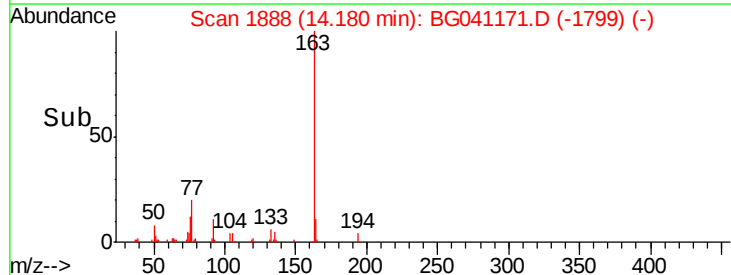
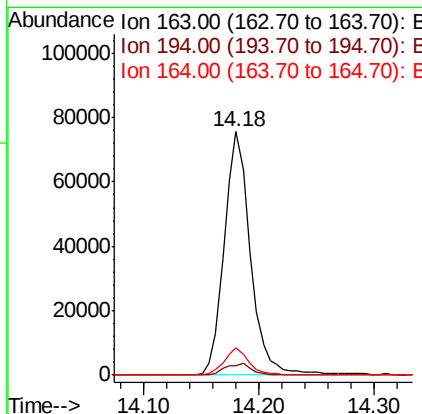
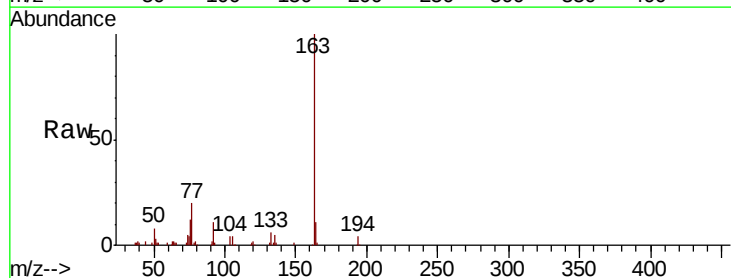
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-03-007-ABCD

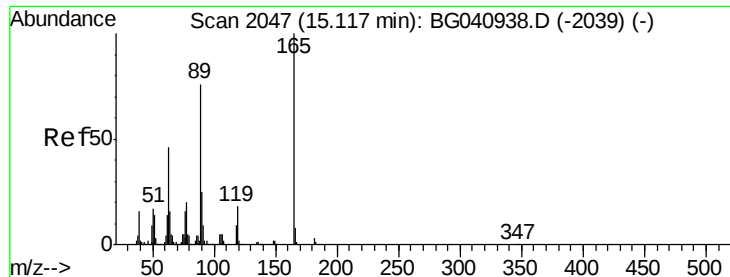
Tgt Ion:172 Resp: 801620
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.1 46.7
 170 25.5 20.5 30.7



#50
 Dimethylphthalate
 Concen: 10.957 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG041171.D
 Acq: 10 Jun 2019 20:10

Tgt Ion:163 Resp: 118471
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.8 5.8
 164 11.1 8.7 13.1





#57

2,4-Dinitrotoluene

Concen: 5.243 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.36 min

Lab File: BG041171.D

Acq: 10 Jun 2019 20:10

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-007-ABCD

Tgt Ion:165 Resp: 17266

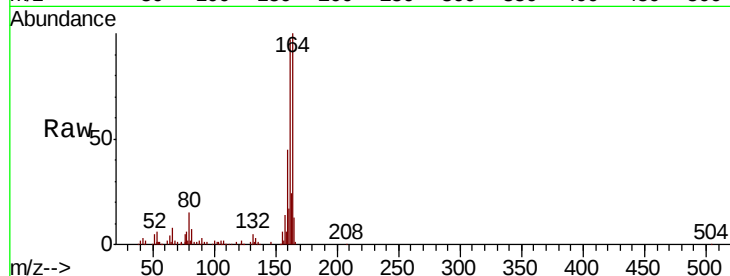
Ion Ratio Lower Upper

165 100

63 0.0 37.3 55.9#

89 2.7 61.0 91.6#

182 0.0 2.2 3.2#

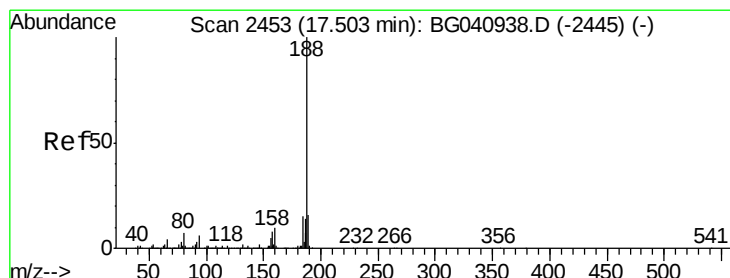
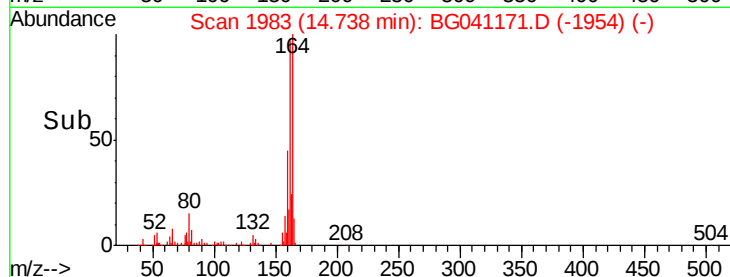
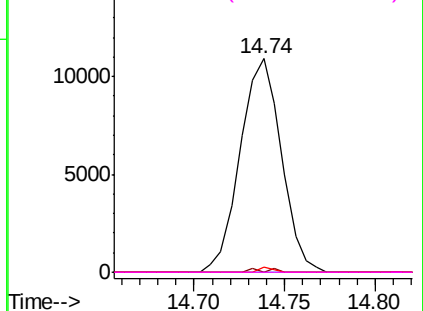


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG041171.D

Acq: 10 Jun 2019 20:10

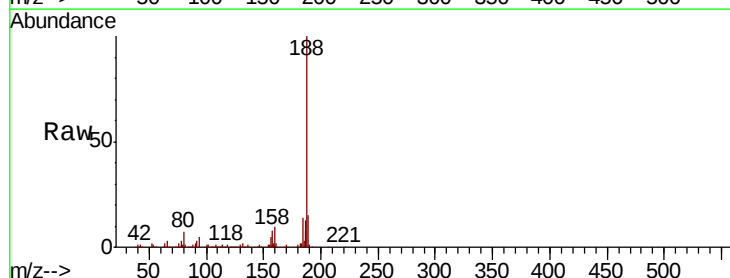
Tgt Ion:188 Resp: 311366

Ion Ratio Lower Upper

188 100

94 4.8 4.7 7.1

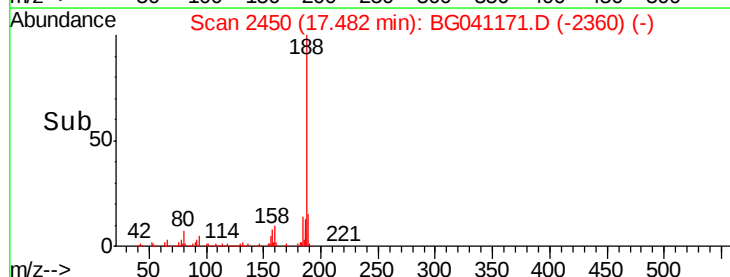
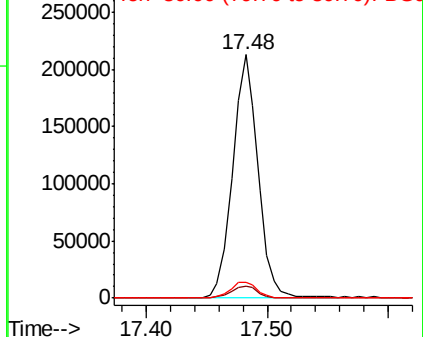
80 6.6 5.8 8.8

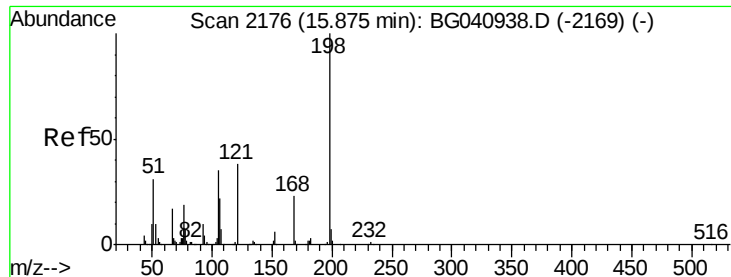


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.974 ng

RT: 16.22 min Scan# 2236

Delta R.T. 0.36 min

Lab File: BG041171.D

Acq: 10 Jun 2019 20:10

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-007-ABCD

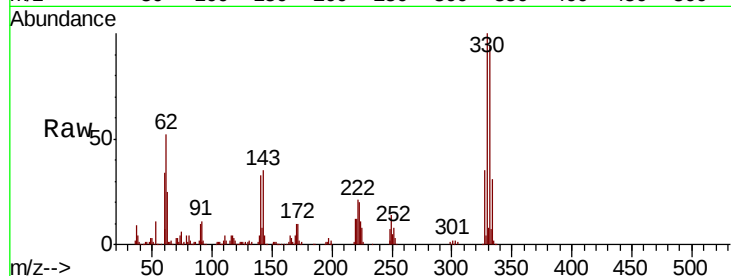
Tgt Ion:198 Resp: 782

Ion Ratio Lower Upper

198 100

51 127.3 21.6 61.6#

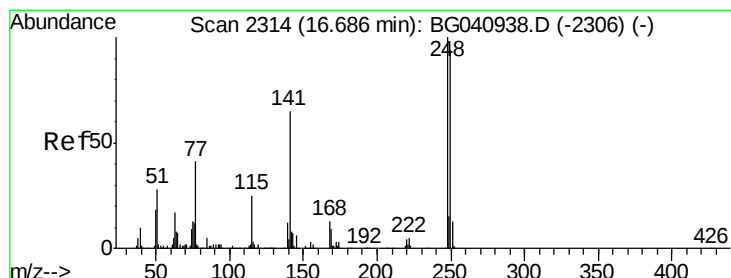
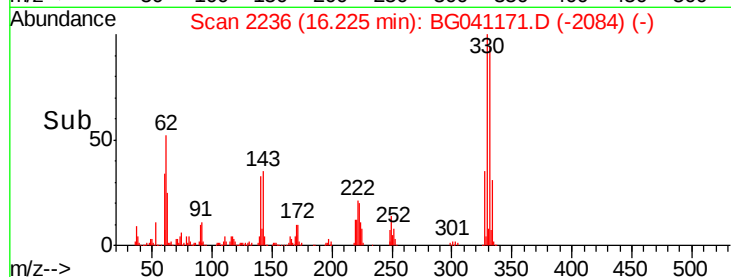
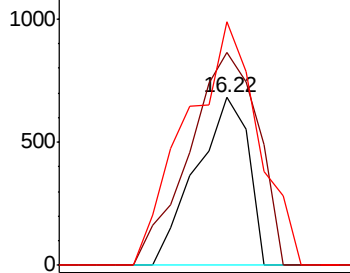
105 145.2 17.5 57.5#



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: 4.569 ng

RT: 16.22 min Scan# 2236

Delta R.T. -0.43 min

Lab File: BG041171.D

Acq: 10 Jun 2019 20:10

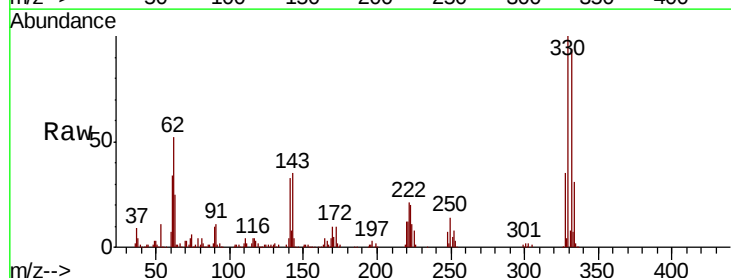
Tgt Ion:248 Resp: 19198

Ion Ratio Lower Upper

248 100

250 195.0 75.0 112.4#

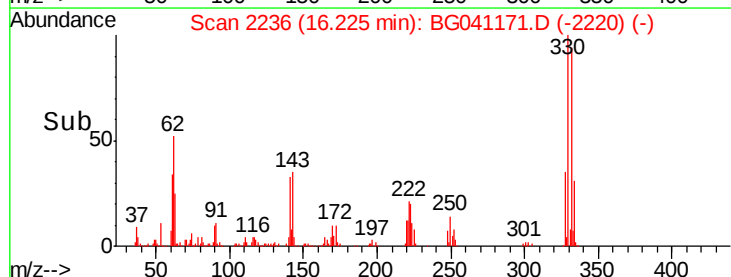
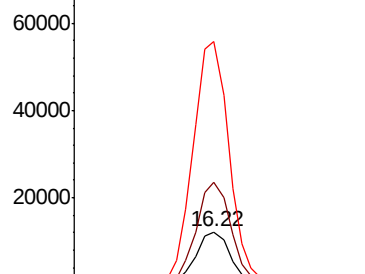
141 460.2 52.4 78.6#

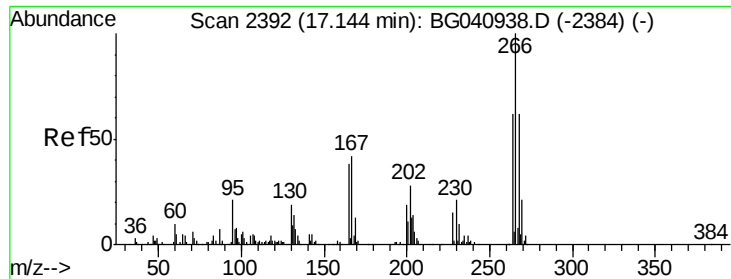


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Pentachlorophenol

Concen: 4.285 ng

RT: 17.14 min Scan# 2392

Delta R.T. 0.02 min

Lab File: BG041171.D

Acq: 10 Jun 2019 20:10

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-007-ABCD

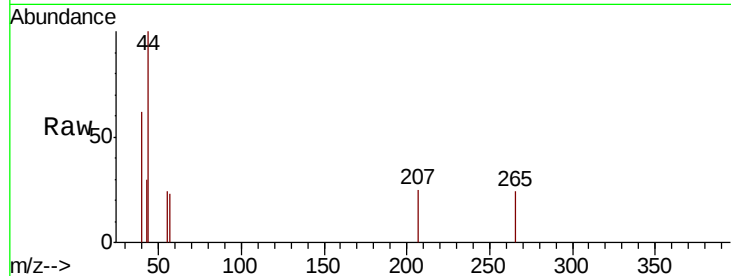
Tgt Ion: 266 Resp: 73

Ion Ratio Lower Upper

266 100

268 0.0 53.1 79.7#

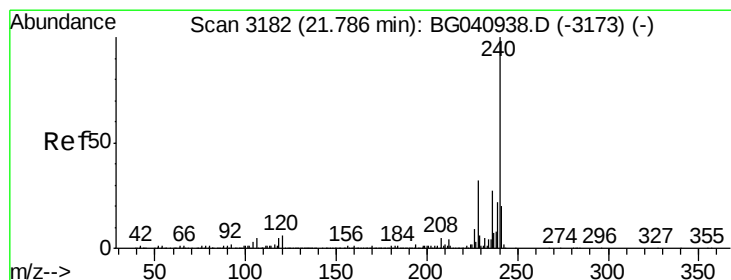
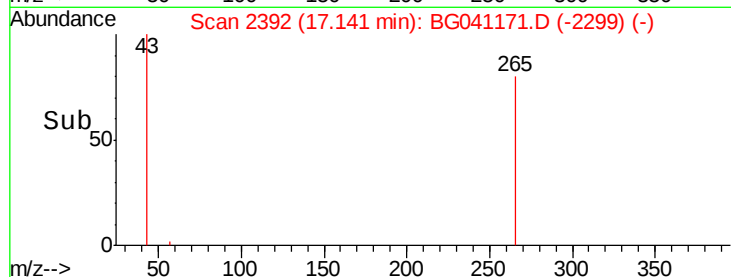
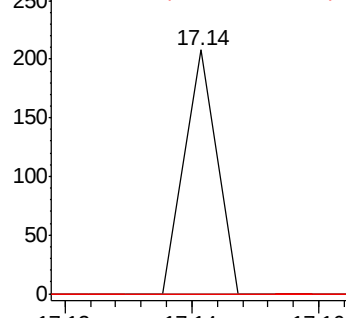
264 0.0 49.9 74.9#



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: BG041171.D

Acq: 10 Jun 2019 20:10

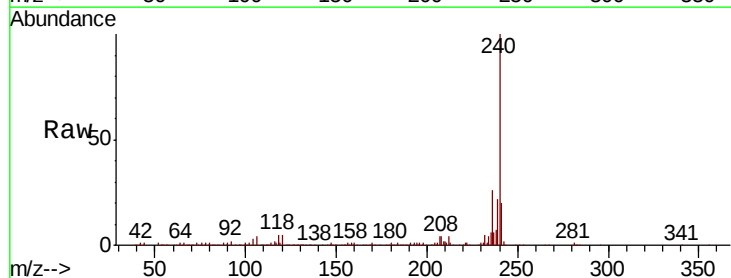
Tgt Ion: 240 Resp: 303265

Ion Ratio Lower Upper

240 100

120 4.9 4.5 6.7

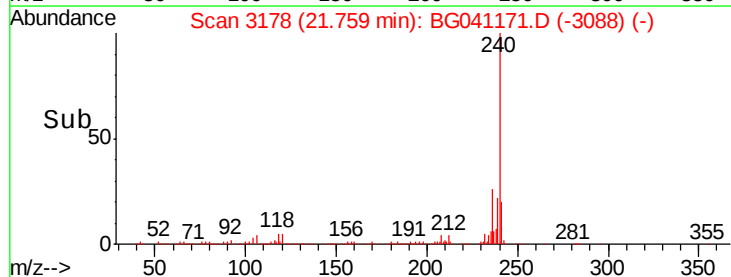
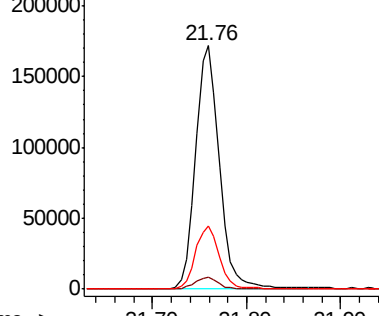
236 26.1 21.3 31.9

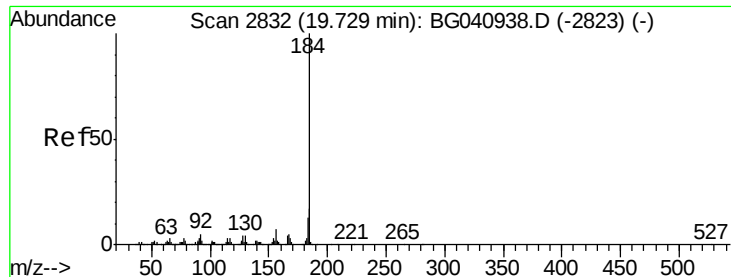


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.082 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.37 min

Lab File: BG041171.D

Acq: 10 Jun 2019 20:10

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-007-ABCD

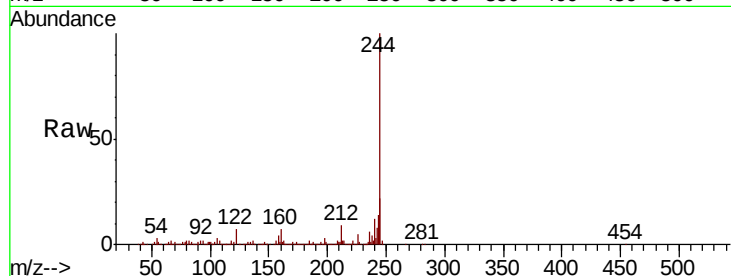
Tgt Ion:184 Resp: 22299

Ion Ratio Lower Upper

184 100

185 17.0 13.3 19.9

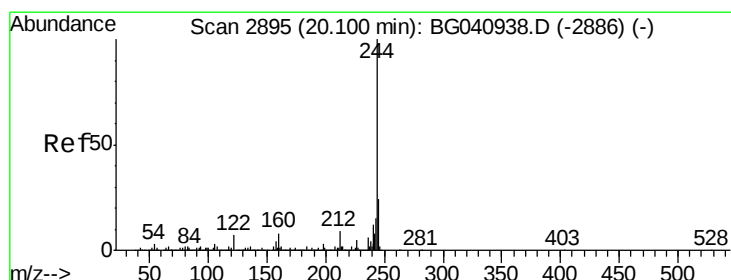
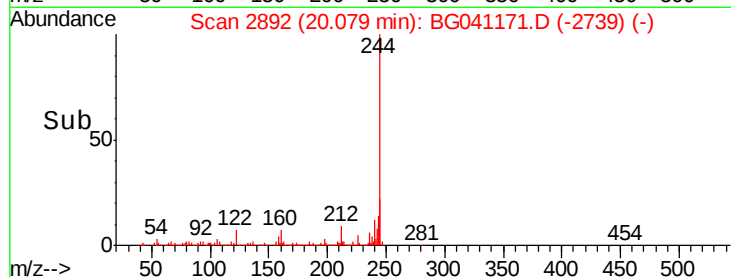
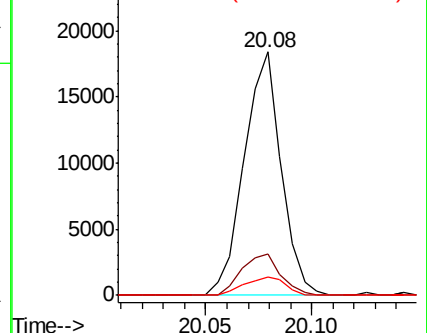
183 7.8 10.7 16.1#



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: 93.281 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BG041171.D

Acq: 10 Jun 2019 20:10

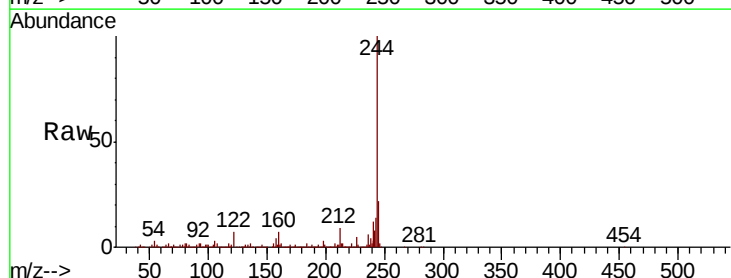
Tgt Ion:244 Resp: 1332901

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

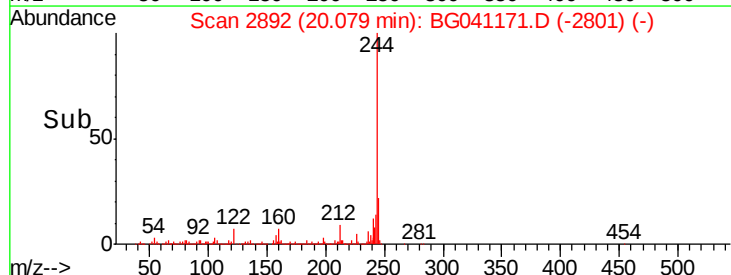
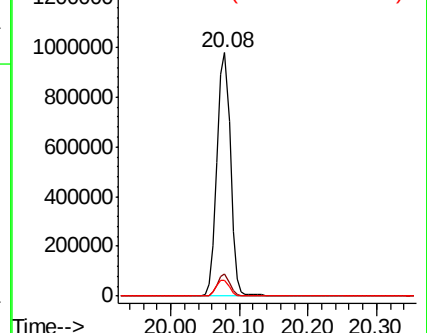
122 6.7 5.4 8.0

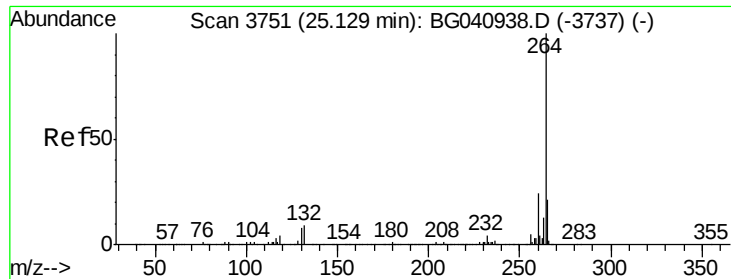


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
Lab File: BG041171.D
Acq: 10 Jun 2019 20:10

Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-007-ABCD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.4
265	21.1	17.0	25.4

