

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042567.D
 Acq On : 29 Aug 2019 16:16
 Operator : HP/JU
 Sample : K4568-12RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 16:59:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	27198	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	106844	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	85314	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	211907	20.00	ng	0.00
76) Chrysene-d12	21.69	240	237979	20.00	ng	0.00
87) Perylene-d12	24.94	264	290489	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	226667	168.79	ng	0.00
7) Phenol-d6	7.17	99	303363	167.24	ng	0.00
23) Nitrobenzene-d5	9.17	82	173651	112.31	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	236382	194.94	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	524923	104.06	ng	0.00
79) Terphenyl-d14	20.03	244	1024250	93.05	ng	0.00

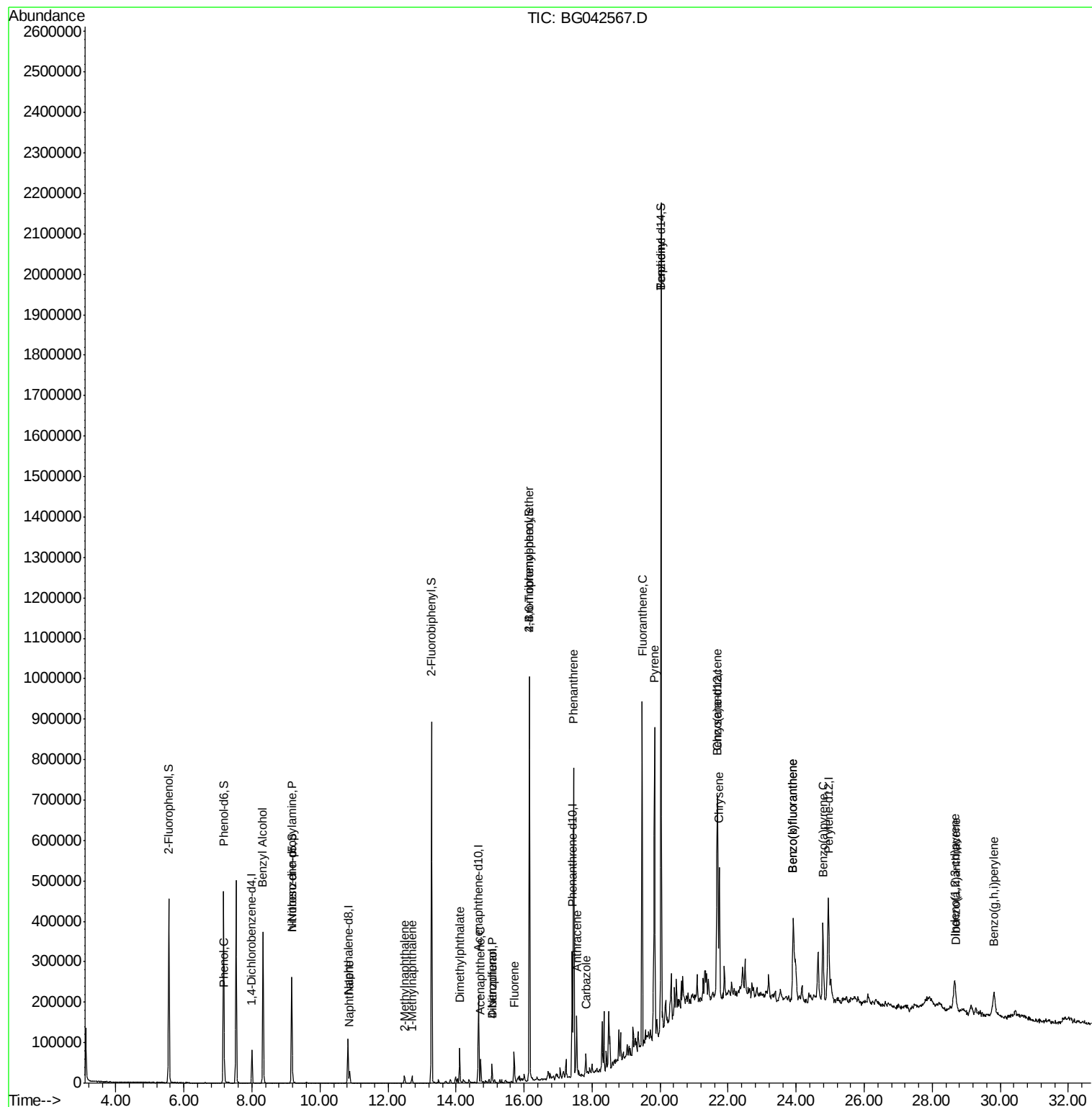
Target Compounds				Qvalue		
10) Phenol	7.19	94	6719	3.643	ng	78
15) Benzyl Alcohol	8.33	79	2811	2.154	ng	# 50
19) n-Nitroso-di-n-propylamine	9.16	70	23123	19.676	ng	# 76
31) Naphthalene	10.87	128	27597	5.563	ng	98
37) 2-Methylnaphthalene	12.48	142	11648	2.924	ng	98
38) 1-Methylnaphthalene	12.70	142	10436	2.758	ng	82
50) Dimethylphthalate	14.11	163	66150	10.746	ng	99
52) Acenaphthene	14.72	154	22674	5.220	ng	98
55) Dibenzofuran	15.06	168	32289	4.490	ng	100
56) 4-Nitrophenol	15.06	139	10708	10.560	ng	# 14
58) Fluorene	15.71	166	35964	6.118	ng	99
67) 4-Bromophenyl-phenylether	16.16	248	16221	6.035	ng	# 1
71) Phenanthrene	17.45	178	528974	50.255	ng	99
72) Anthracene	17.55	178	107871	10.266	ng	100
73) Carbazole	17.82	167	39342	4.201	ng	97
75) Fluoranthene	19.47	202	568911	44.287	ng	97
77) Benzidine	20.03	184	13650	2.001	ng	# 93
78) Pyrene	19.83	202	547426	37.520	ng	98
81) Benzo(a)anthracene	21.67	228	258082	17.827	ng	98
83) Chrysene	21.74	228	237357	17.001	ng	99
86) Indeno(1,2,3-cd)pyrene	28.66	276	135706	7.152	ng	96
88) Benzo(b)fluoranthene	23.91	252	282767	17.706	ng	99
89) Benzo(k)fluoranthene	23.91	252	282767	18.421	ng	99
90) Benzo(a)pyrene	24.79	252	232196	15.322	ng	99
91) Dibenzo(a,h)anthracene	28.69	278	31589	2.059	ng	92
92) Benzo(g,h,i)perylene	29.81	276	130033	8.473	ng	98

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

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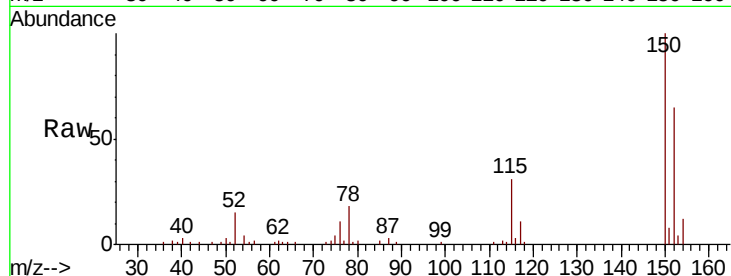


#1

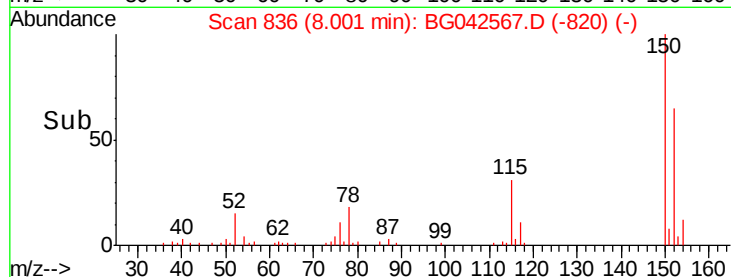
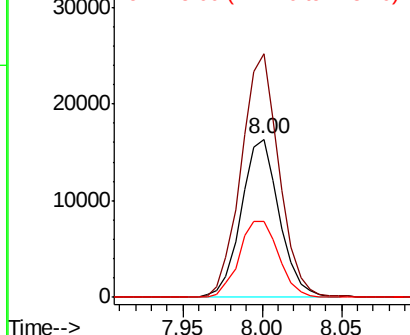
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042567.D
Acq: 29 Aug 2019 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27198
Ion Ratio Lower Upper
152 100
150 154.1 125.4 188.0
115 47.7 38.5 57.7



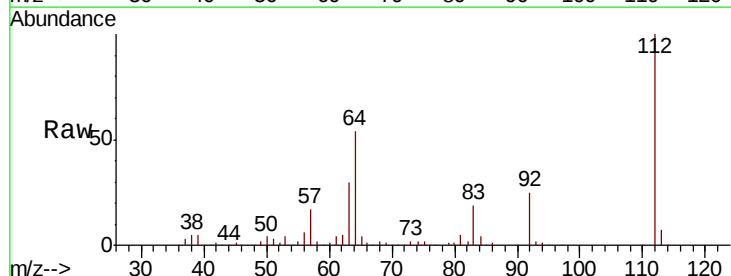
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



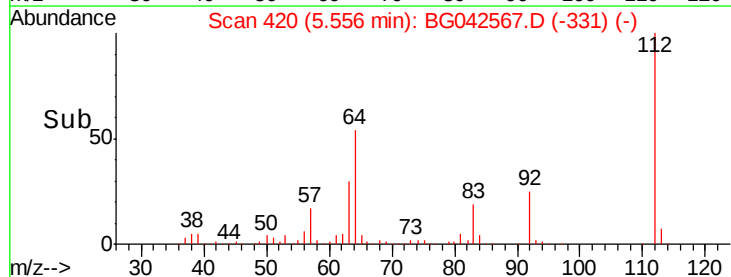
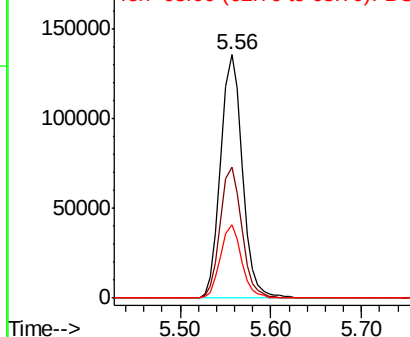
#5

2-Fluorophenol
Concen: 168.787 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042567.D
Acq: 29 Aug 2019 16:16

Tgt Ion:112 Resp: 226667
Ion Ratio Lower Upper
112 100
64 53.9 42.8 64.2
63 30.0 22.7 34.1



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





#7

Phenol-d6

Concen: 167.236 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

Instrument :

BNA_G

ClientSampled :

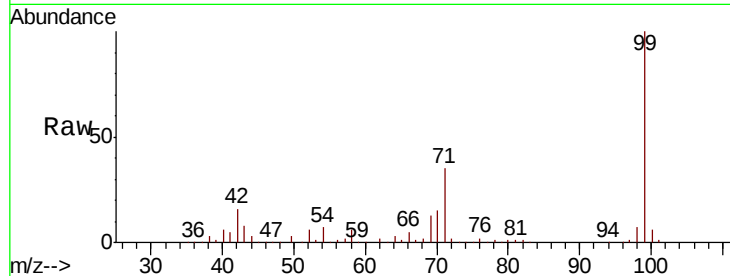
Tot Ion: 99 Resp: 303363

Ion Ratio Lower Upper

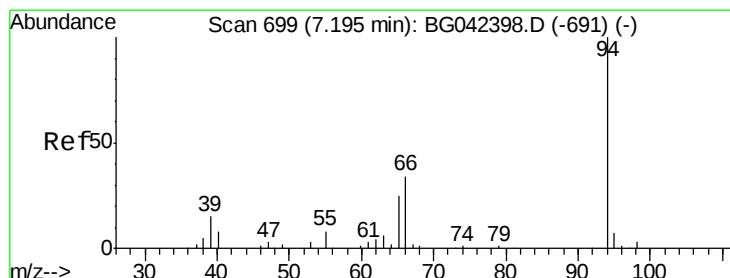
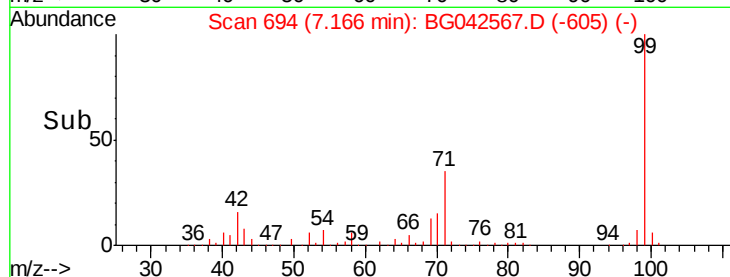
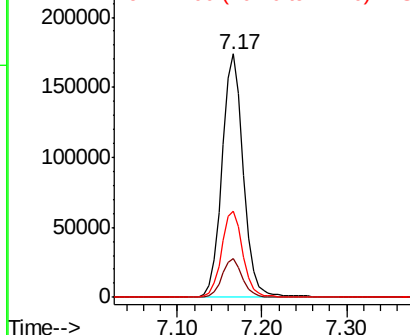
99 100

42 15.7 12.0 18.0

71 35.5 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 3.643 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

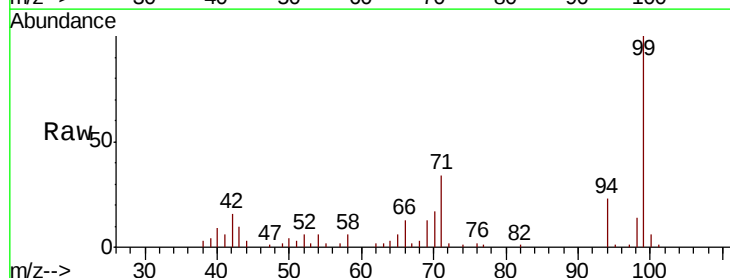
Tgt Ion: 94 Resp: 6719

Ion Ratio Lower Upper

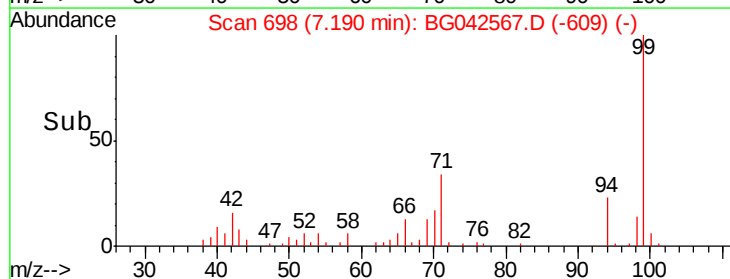
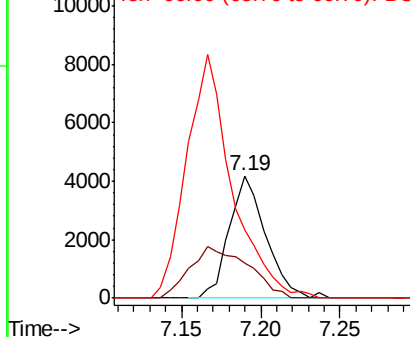
94 100

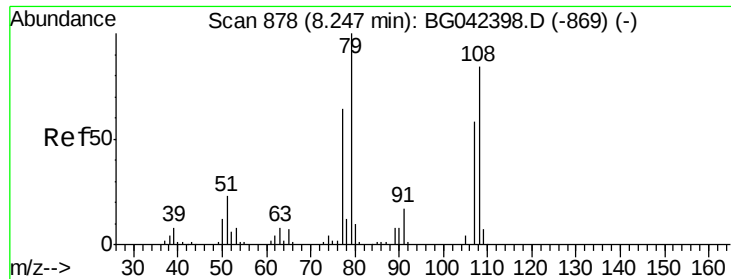
65 28.1 5.6 45.6

66 55.7 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.154 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.08 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

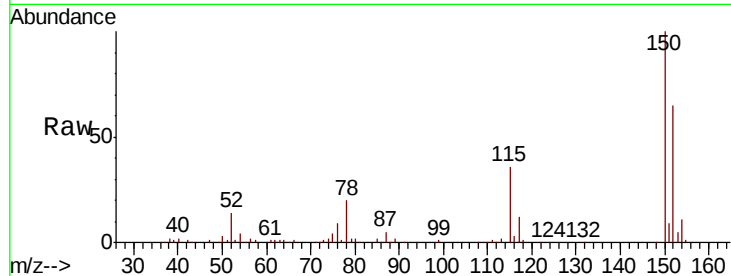
Tot Ion: 79 Resp: 2811

Ion Ratio Lower Upper

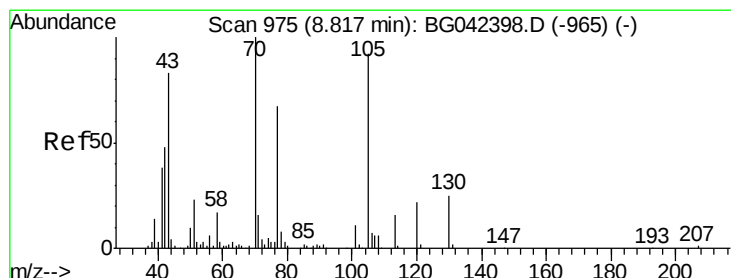
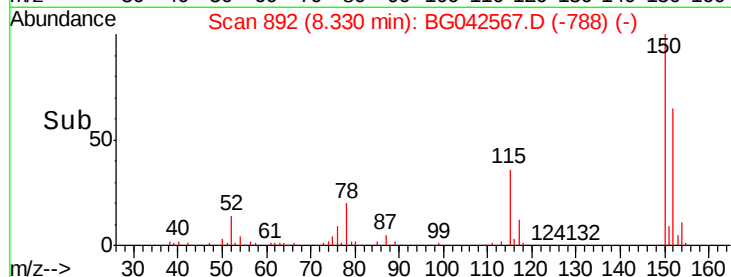
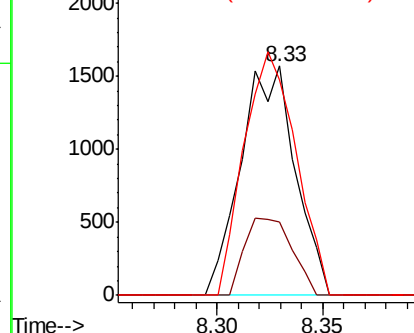
79 100

108 32.0 67.4 101.2#

77 94.1 50.8 76.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 19.676 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

Tgt Ion: 70 Resp: 23123

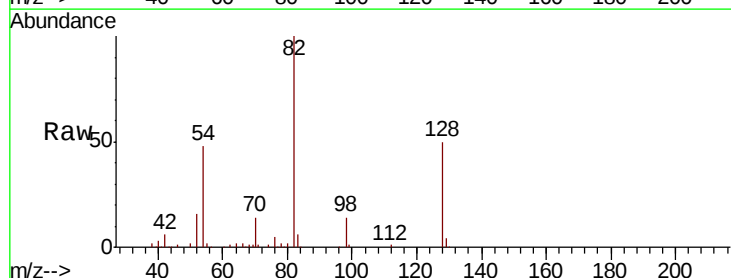
Ion Ratio Lower Upper

70 100

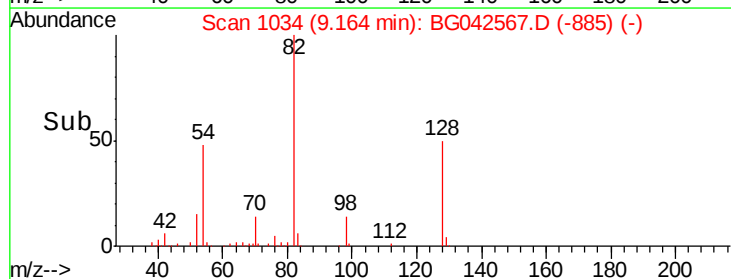
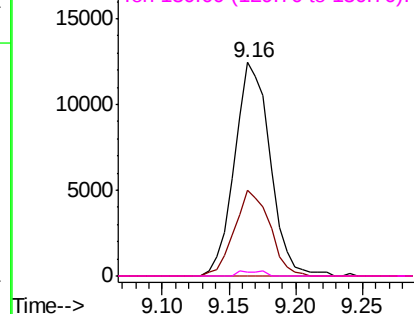
42 40.1 38.8 58.2

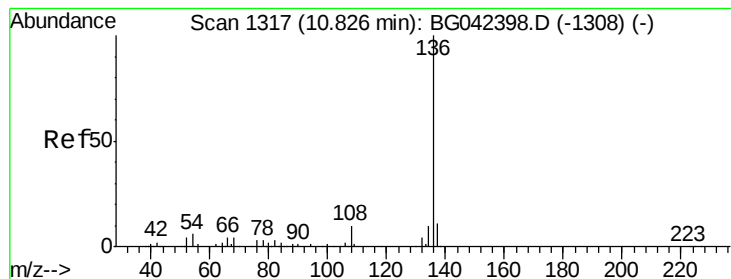
101 0.0 9.0 13.6#

130 2.1 20.0 30.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 106844

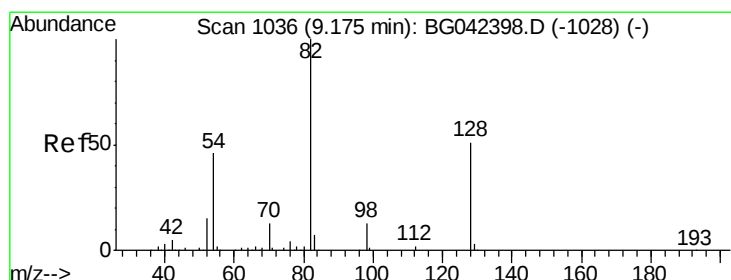
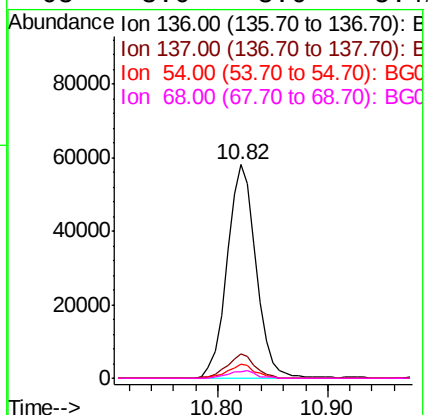
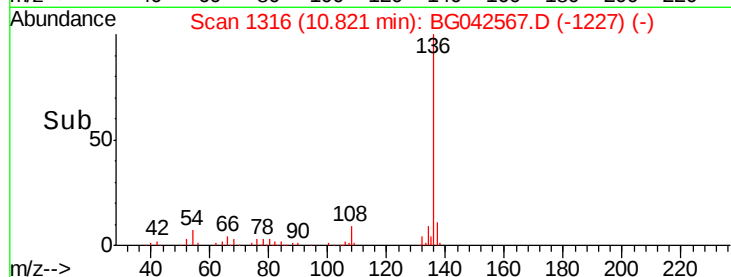
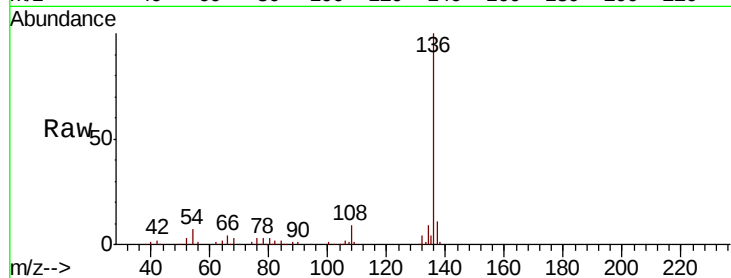
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.7 4.9 7.3

68 3.0 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 112.313 ng

RT: 9.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

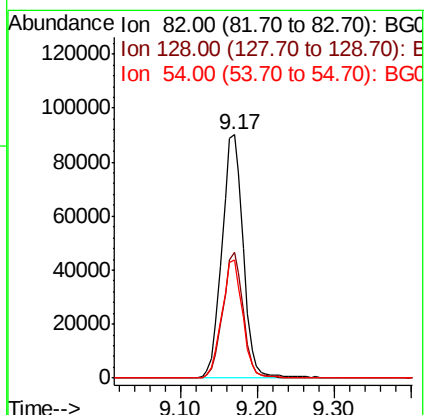
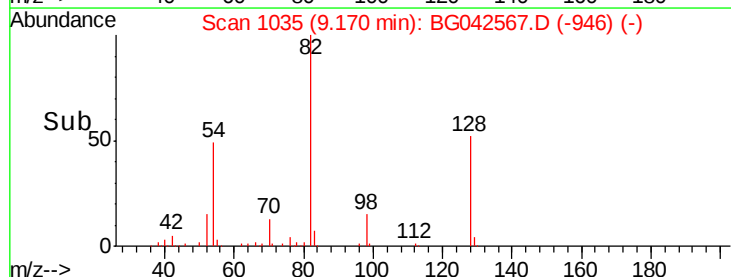
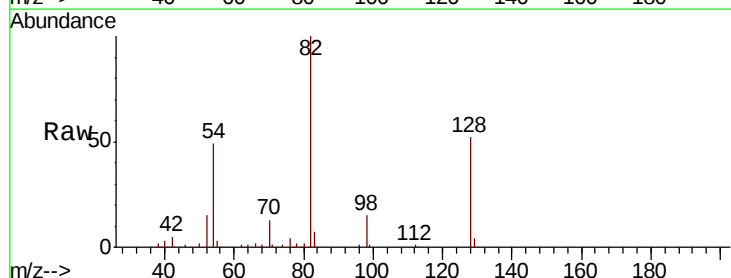
Tgt Ion: 82 Resp: 173651

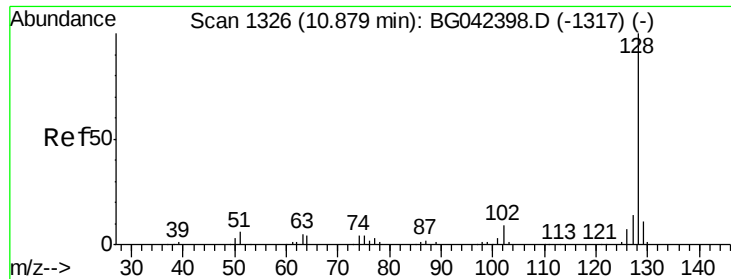
Ion Ratio Lower Upper

82 100

128 51.5 40.7 61.1

54 48.8 36.3 54.5

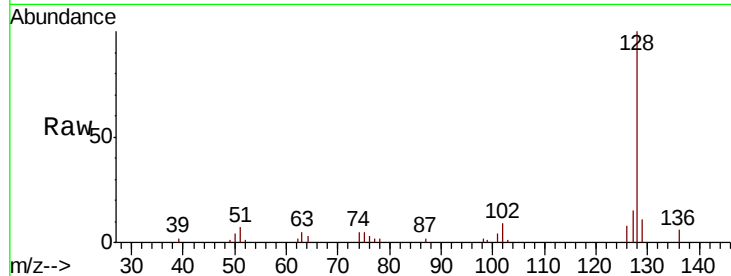




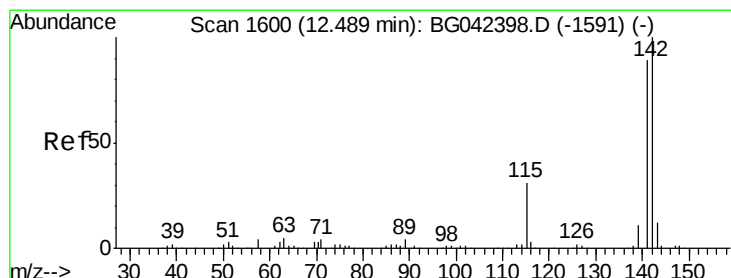
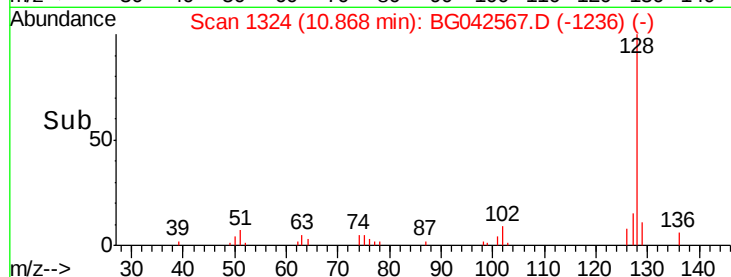
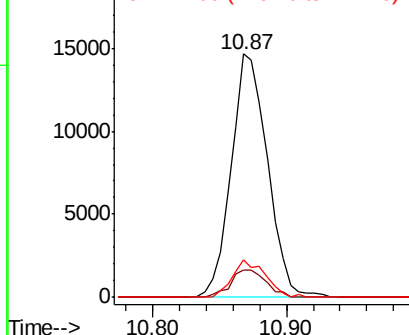
#31
Naphthalene
Concen: 5.563 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042567.D
Acq: 29 Aug 2019 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 27597
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 15.5 11.4 17.0

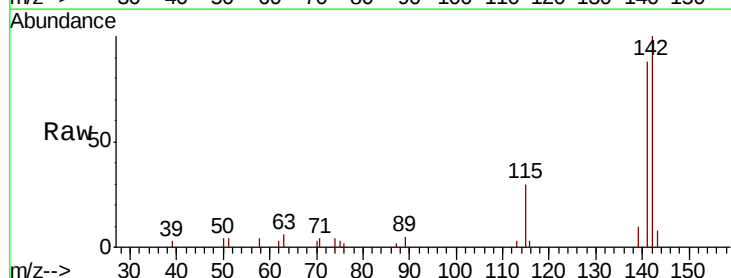


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

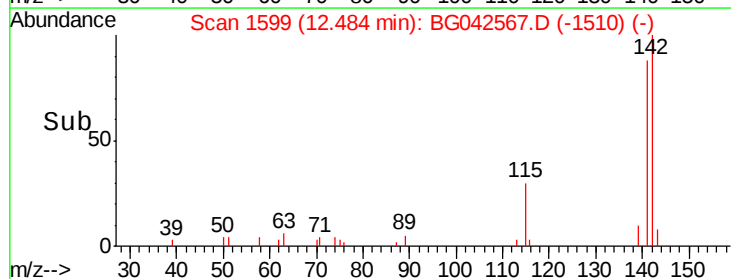
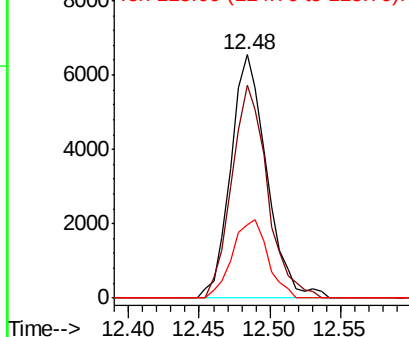


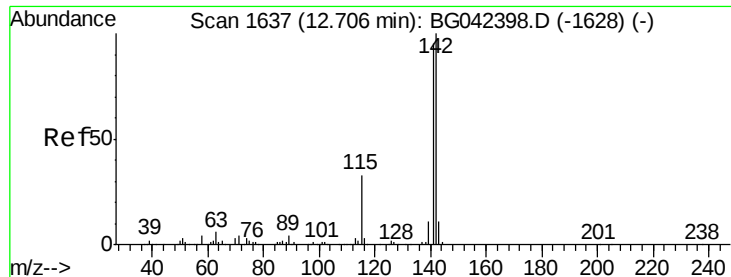
#37
2-Methylnaphthalene
Concen: 2.924 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042567.D
Acq: 29 Aug 2019 16:16

Tgt Ion:142 Resp: 11648
Ion Ratio Lower Upper
142 100
141 87.7 71.4 107.2
115 30.2 25.2 37.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

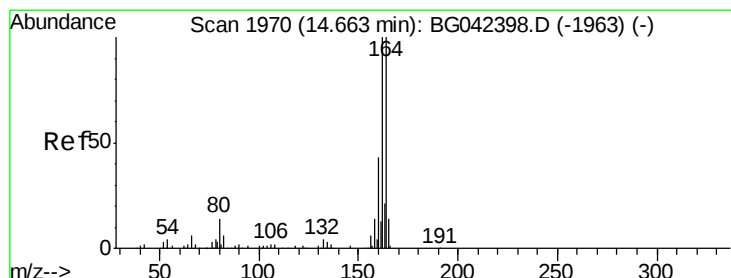
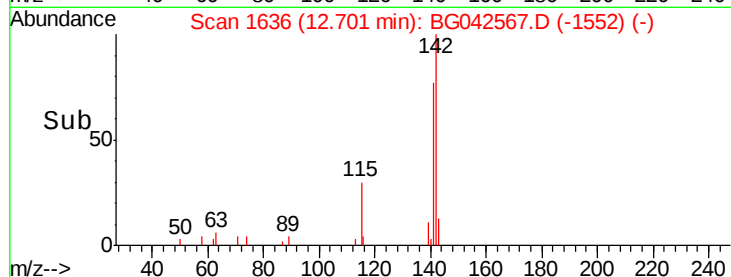
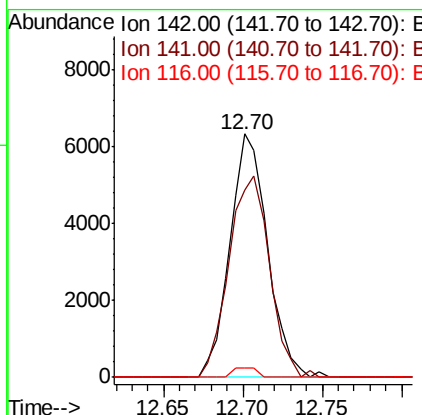
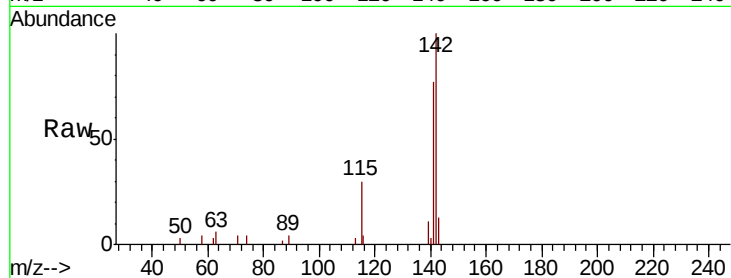




#38
 1-Methylnaphthalene
 Concen: 2.758 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042567.D
 Acq: 29 Aug 2019 16:16

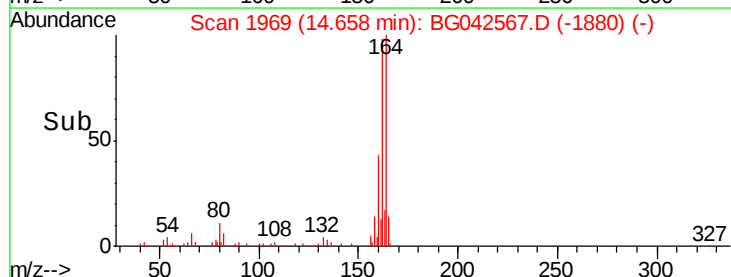
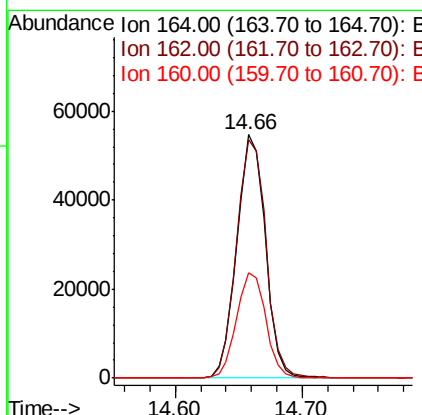
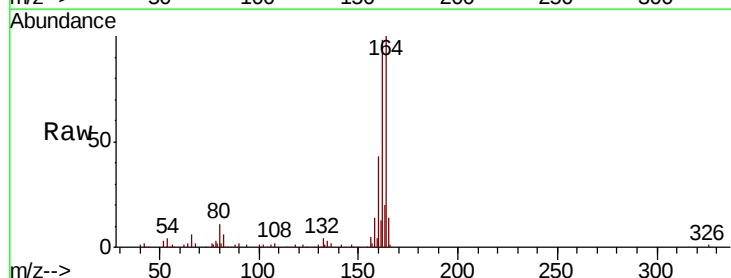
Instrument :
 BNA_G
 ClientSampleId :

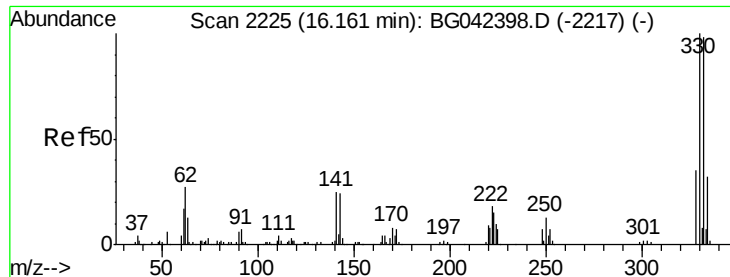
Tot Ion:142 Resp: 10436
 Ion Ratio Lower Upper
 142 100
 141 76.7 76.2 114.2
 116 3.9 2.8 4.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042567.D
 Acq: 29 Aug 2019 16:16

Tgt Ion:164 Resp: 85314
 Ion Ratio Lower Upper
 164 100
 162 98.0 79.9 119.9
 160 43.0 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 194.938 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

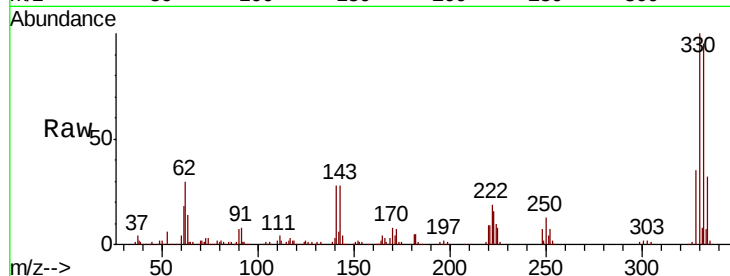
Tot Ion:330 Resp: 236382

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

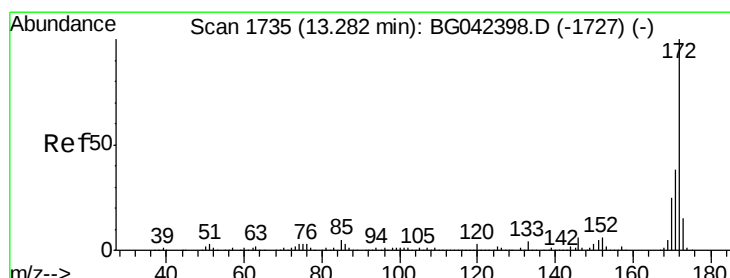
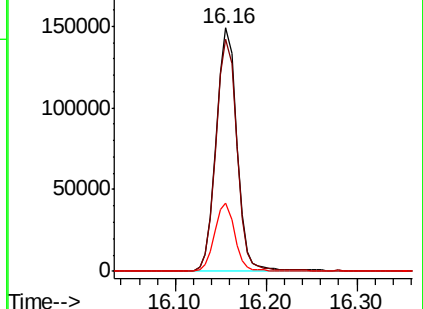
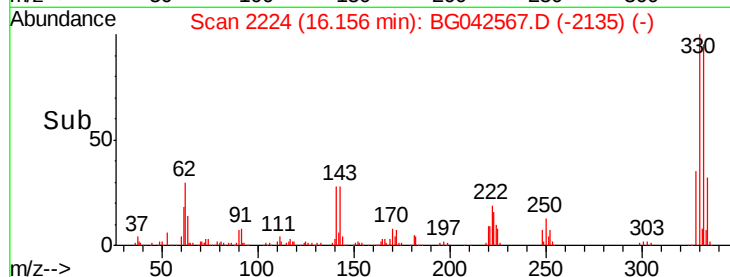
141 27.5 21.4 32.0



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: 104.062 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

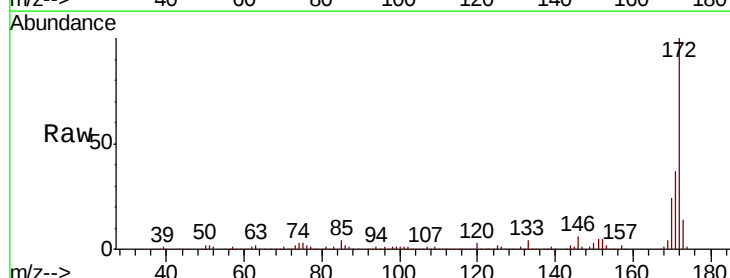
Tgt Ion:172 Resp: 524923

Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

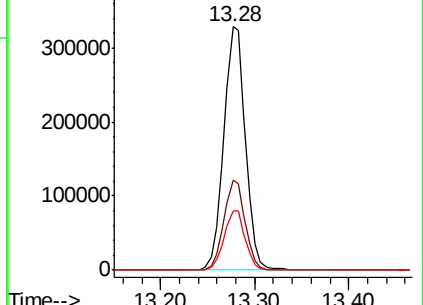
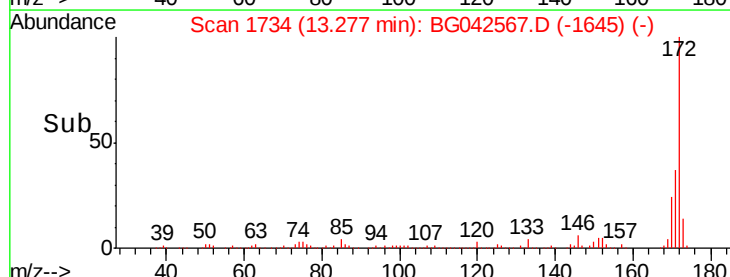
170 24.1 20.2 30.2

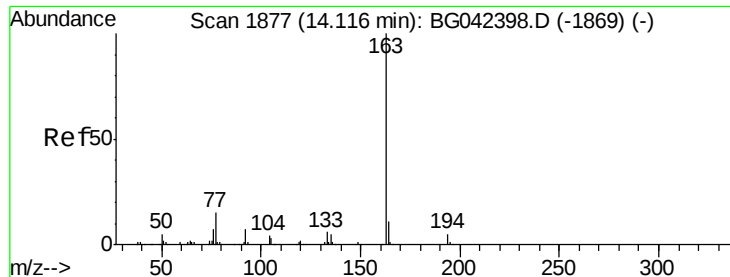


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

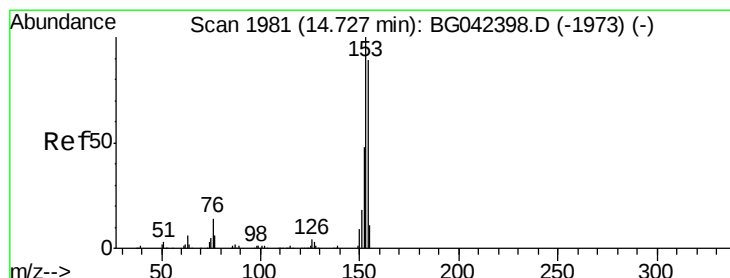
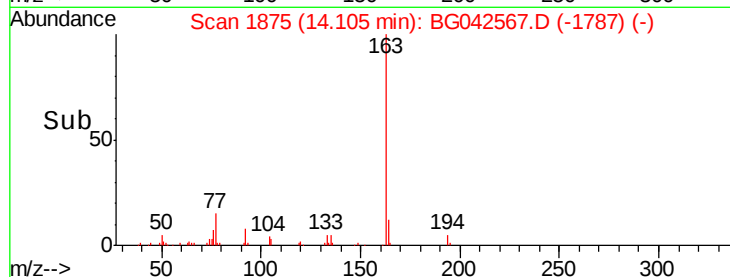
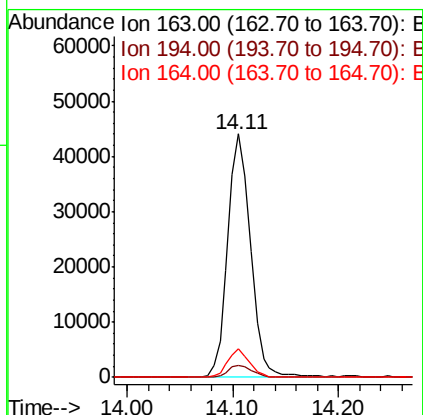
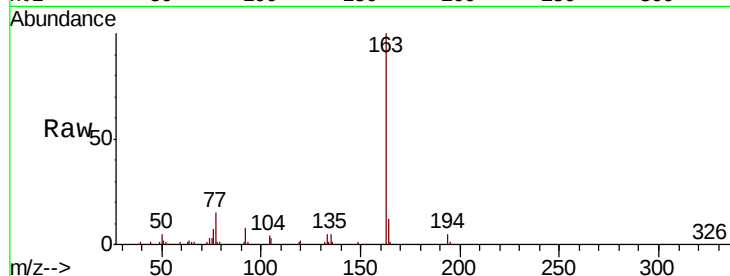




#50
Dimethylphthalate
Concen: 10.746 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042567.D
Acq: 29 Aug 2019 16:16

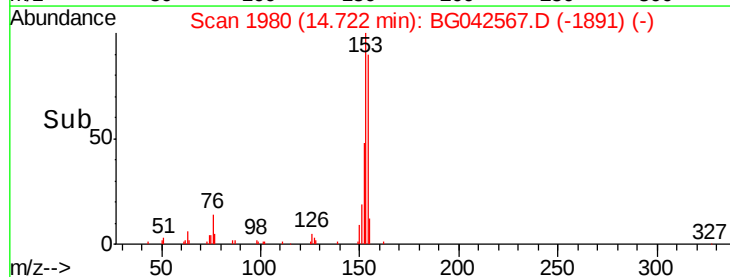
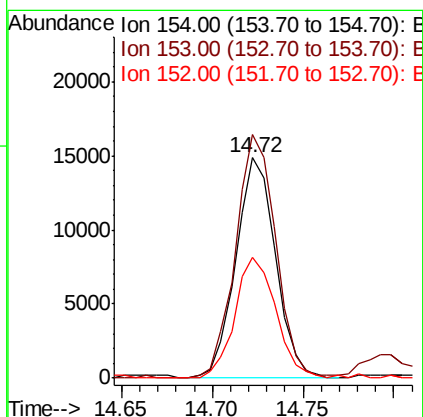
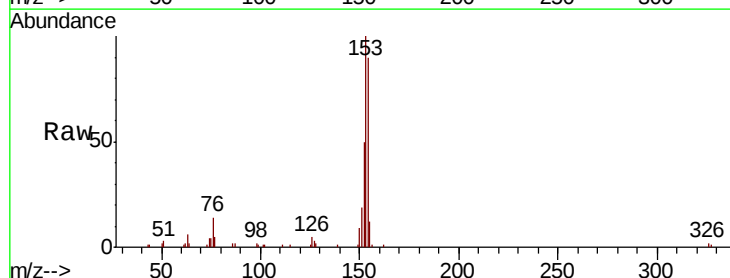
Instrument :
BNA_G
ClientSampleId :

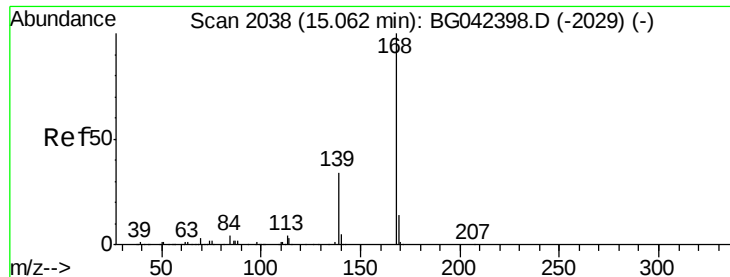
Tot Ion	163	Resp	66150
Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	11.7	8.8	13.2



#52
Acenaphthene
Concen: 5.220 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG042567.D
Acq: 29 Aug 2019 16:16

Tgt Ion	154	Resp	22674
Ion	Ratio	Lower	Upper
154	100		
153	110.6	90.2	135.4
152	54.8	43.2	64.8





#55

Dibenzenofuran

Concen: 4.490 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

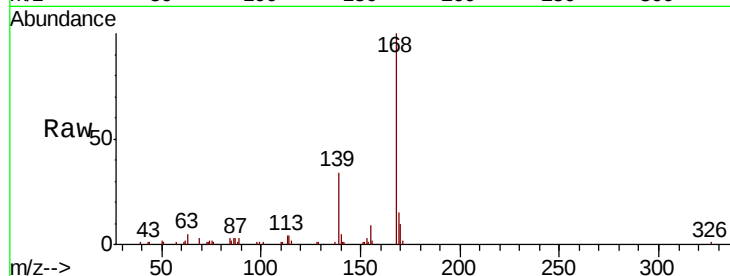
Instrument :

BNA_G

ClientSampleId :

Tot Ion:168 Resp: 32289

Ion	Ratio	Lower	Upper
168	100		
139	34.1	27.2	40.8
169	14.8	11.5	17.3

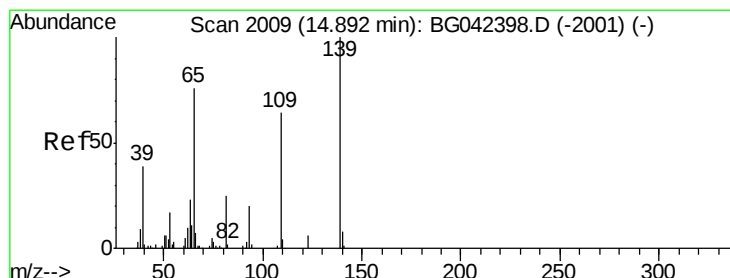
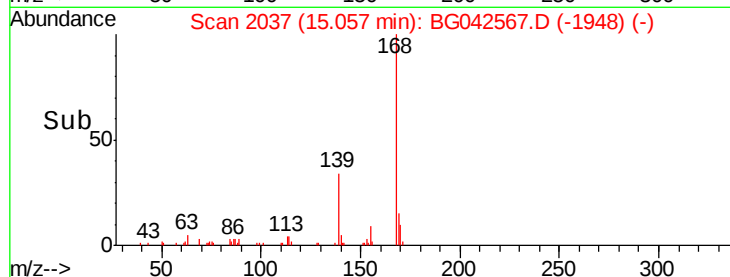
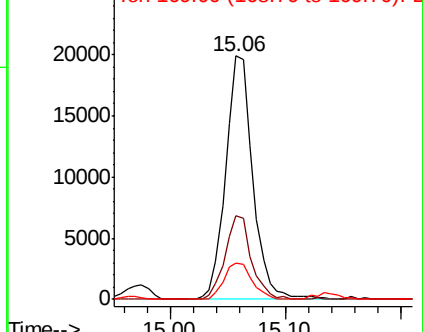


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 10.560 ng

RT: 15.06 min Scan# 2037

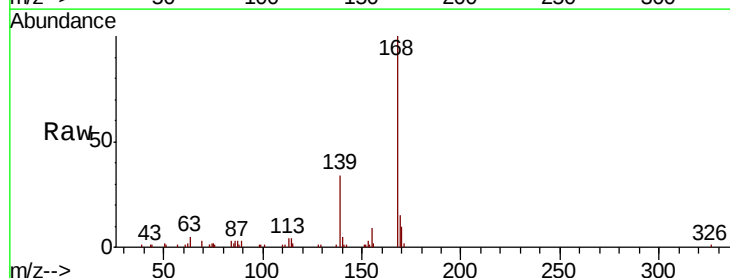
Delta R.T. 0.17 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

Tgt Ion:139 Resp: 10708

Ion	Ratio	Lower	Upper
139	100		
109	0.0	43.9	83.9#
65	0.0	56.3	96.3#

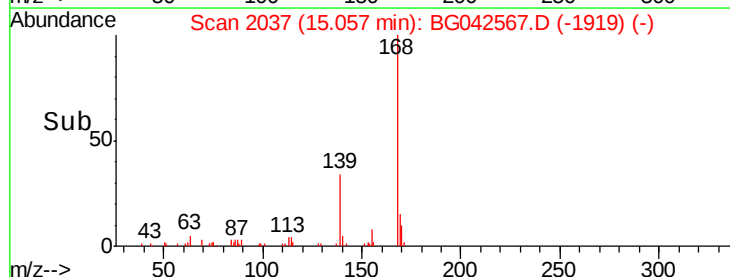
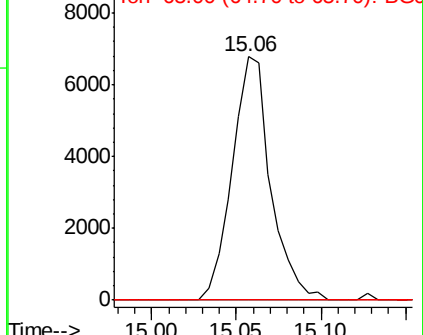


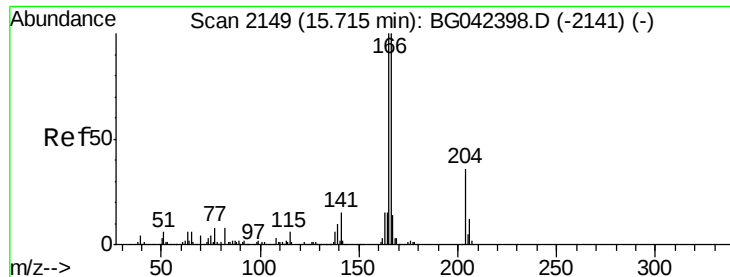
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#58

Fluorene

Concen: 6.118 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

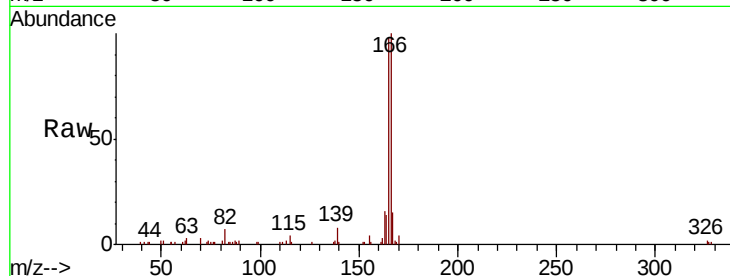
Tot Ion:166 Resp: 35964

Ion Ratio Lower Upper

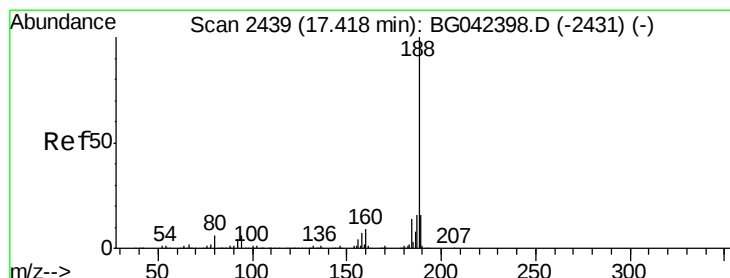
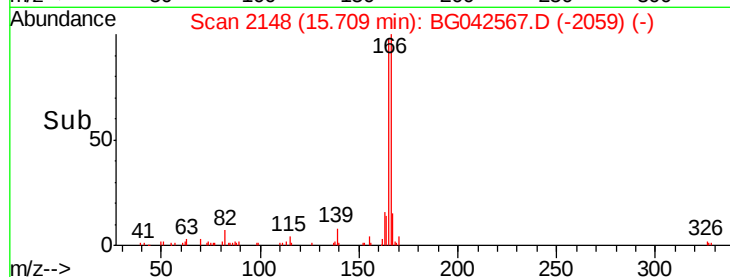
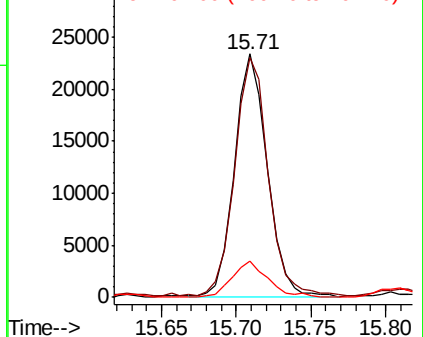
166 100

165 98.3 79.7 119.5

167 14.7 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

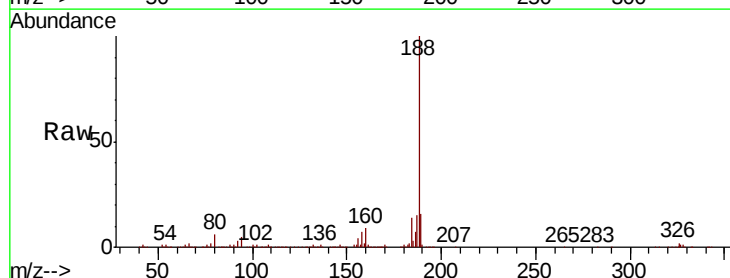
Tgt Ion:188 Resp: 211907

Ion Ratio Lower Upper

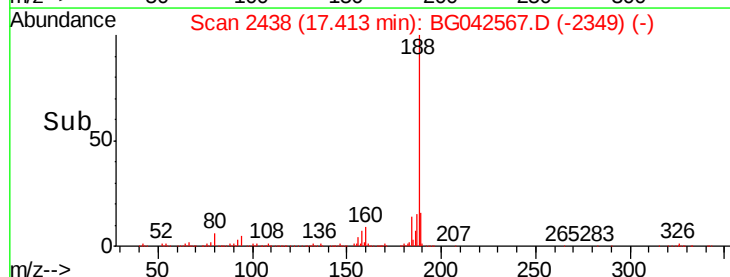
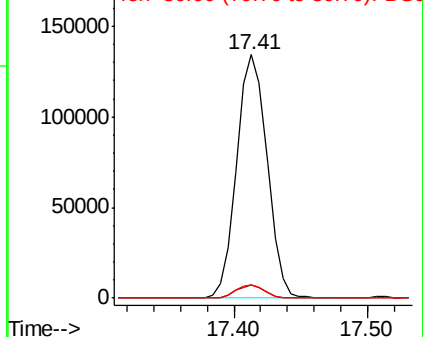
188 100

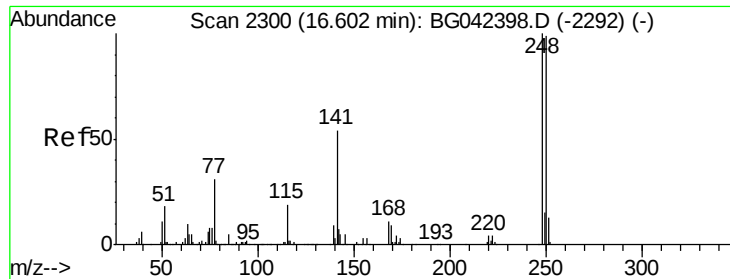
94 5.3 4.5 6.7

80 5.6 4.9 7.3



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

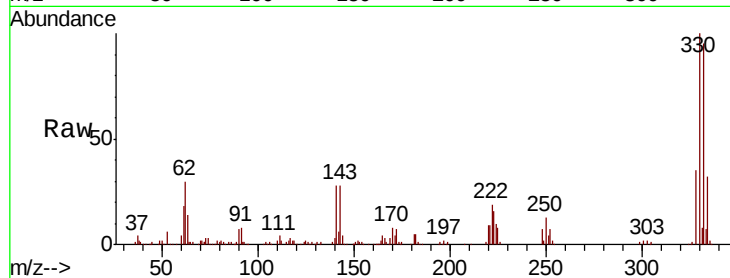




#67
 4-Bromophenyl-phenylether
 Concen: 6.035 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.45 min
 Lab File: BG042567.D
 Acq: 29 Aug 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	183.0	78.9	118.3#
141	383.3	43.3	64.9#

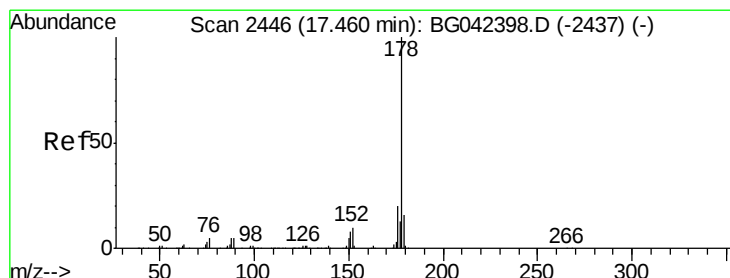
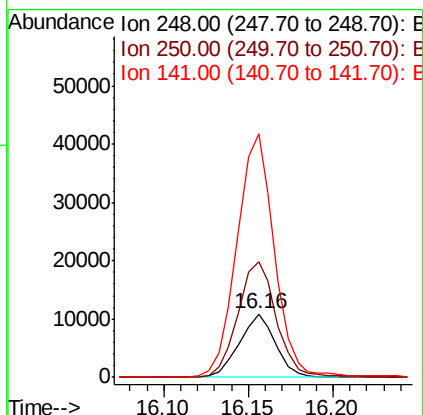
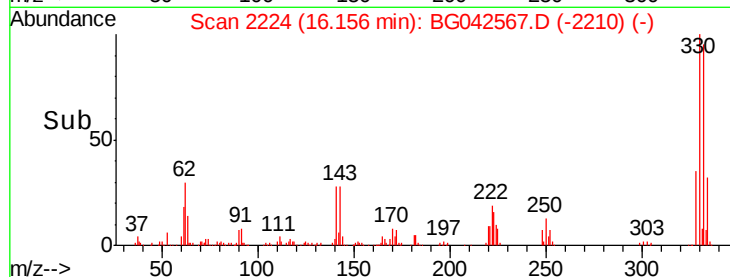


Abundance

Ion 248.00 (247.70 to 248.70): E

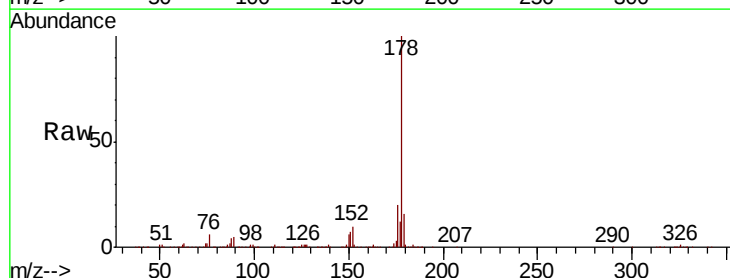
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#71
 Phenanthrene
 Concen: 50.255 ng
 RT: 17.45 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG042567.D
 Acq: 29 Aug 2019 16:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.5	12.7	19.1

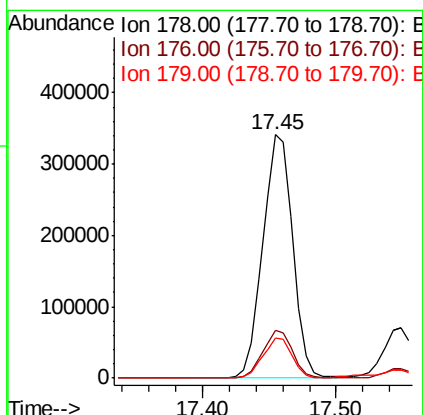
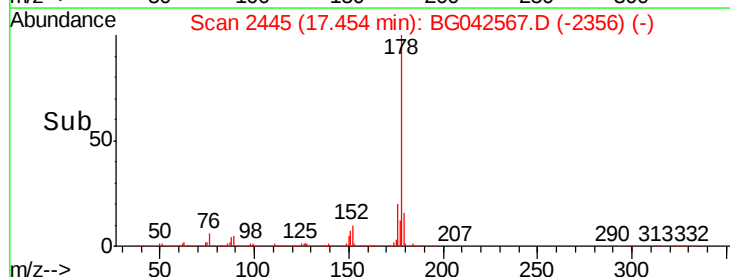


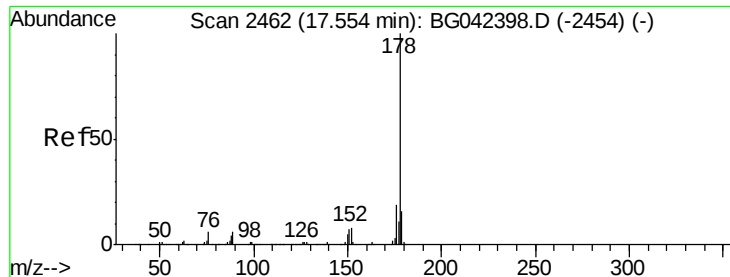
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 10.266 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

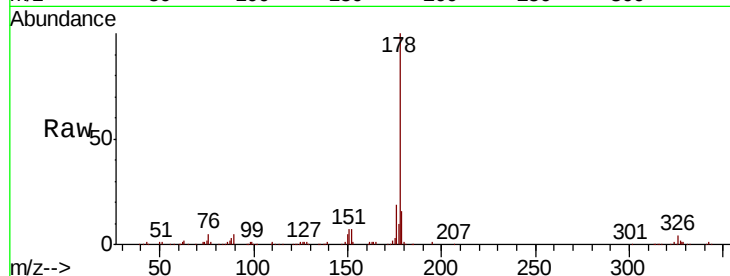
Tot Ion:178 Resp: 107871

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

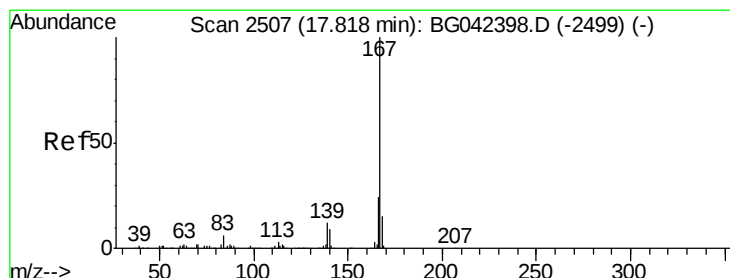
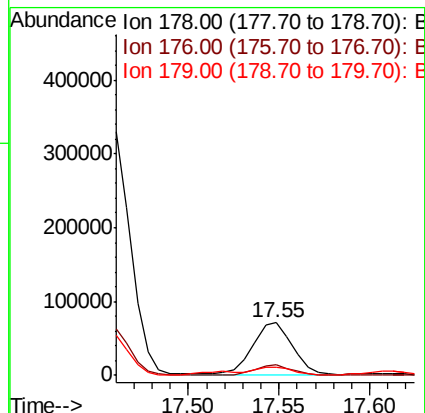
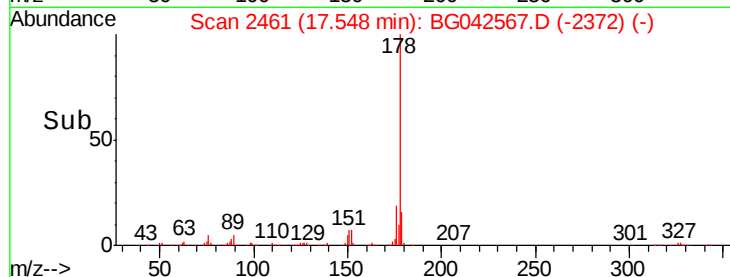
179 16.1 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 4.201 ng

RT: 17.82 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

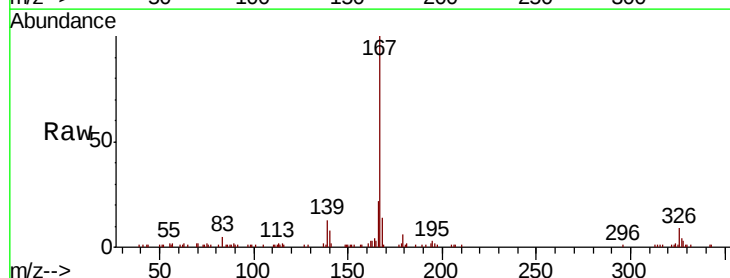
Tgt Ion:167 Resp: 39342

Ion Ratio Lower Upper

167 100

166 22.0 18.9 28.3

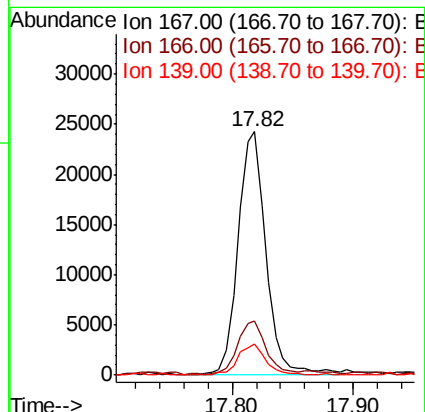
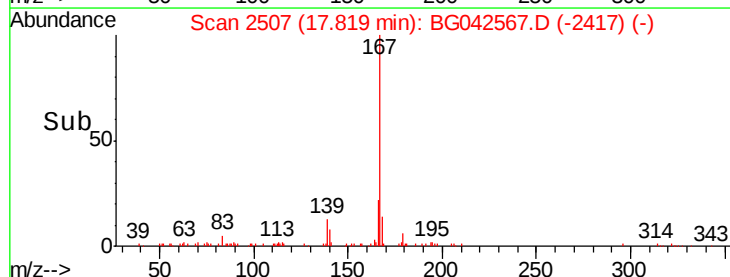
139 12.7 9.8 14.6

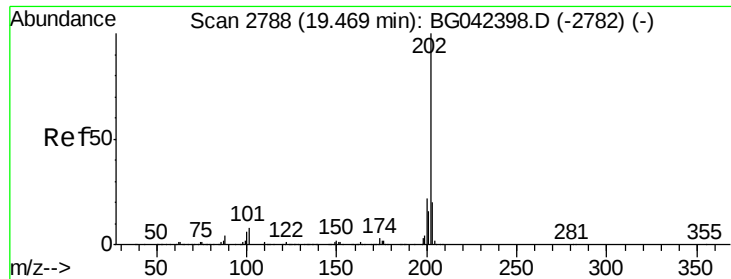


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 44.287 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042567.D

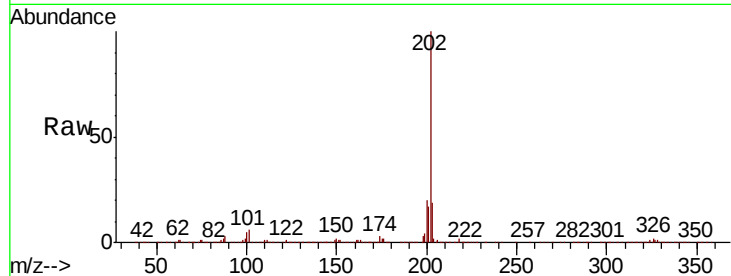
Acq: 29 Aug 2019 16:16

Instrument :

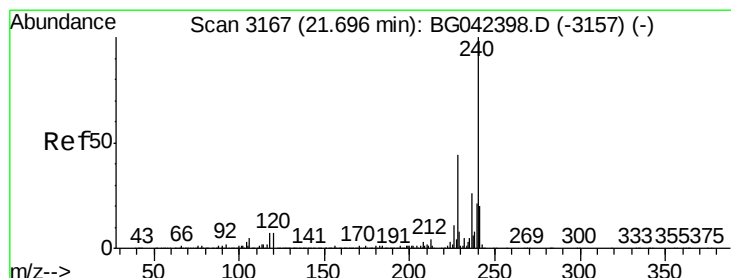
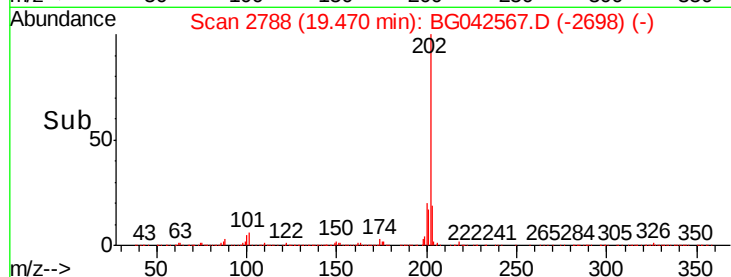
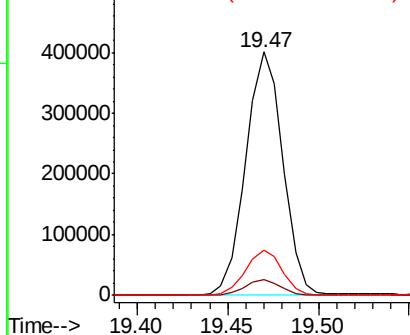
BNA_G

ClientSampled :

Tot Ion:	202	Resp:	568911
Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	28.3
203	18.6	0.0	39.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

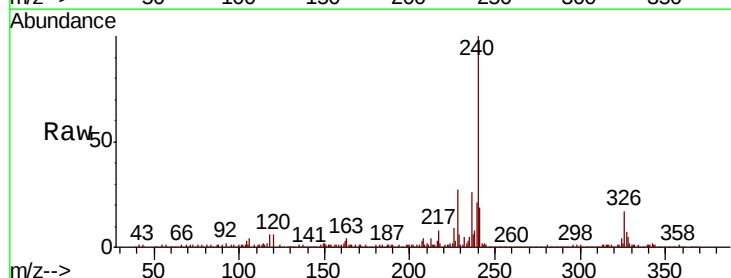
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

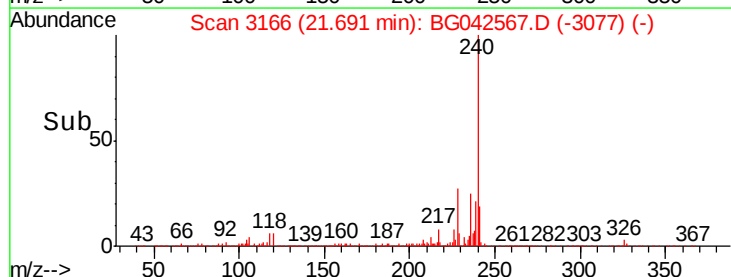
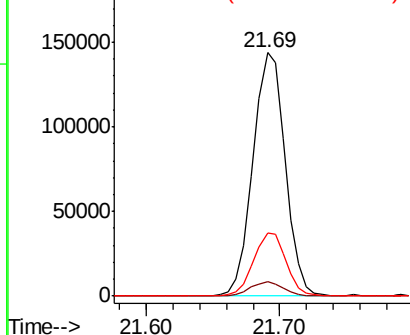
Lab File: BG042567.D

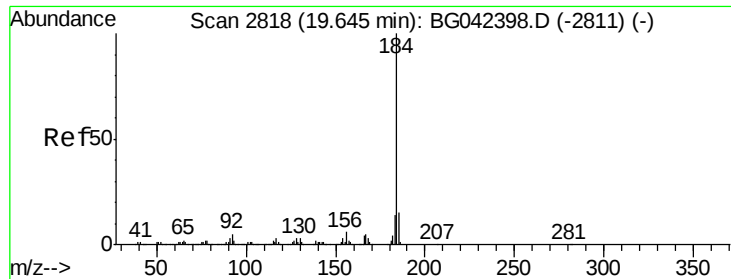
Acq: 29 Aug 2019 16:16

Tgt Ion:	240	Resp:	237979
Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.7	8.5
236	25.7	21.0	31.4



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: 2.001 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.38 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

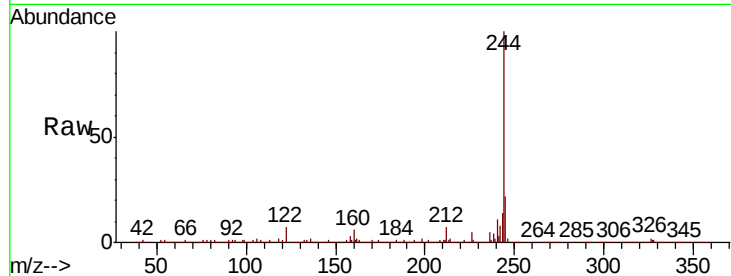
Tot Ion:184 Resp: 13650

Ion Ratio Lower Upper

184 100

185 16.7 12.2 18.4

183 8.9 10.8 16.2#

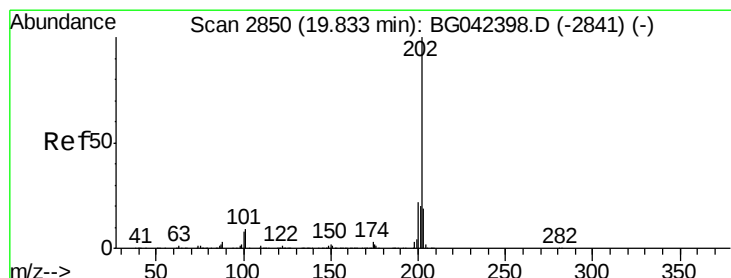
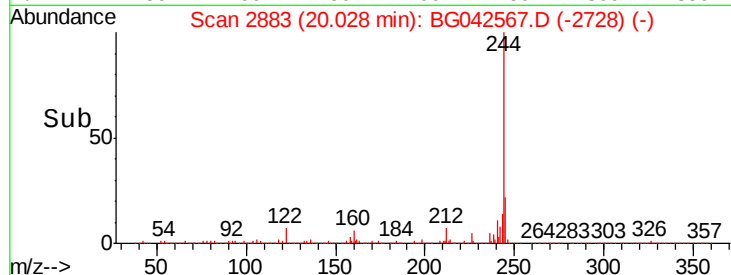
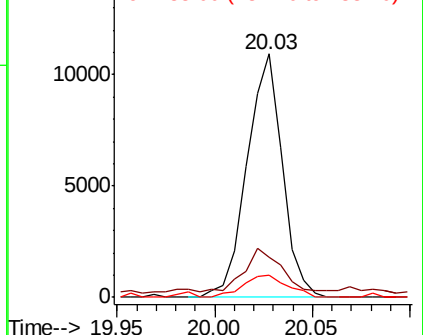


Abundance

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



#78

Pyrene

Concen: 37.520 ng

RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

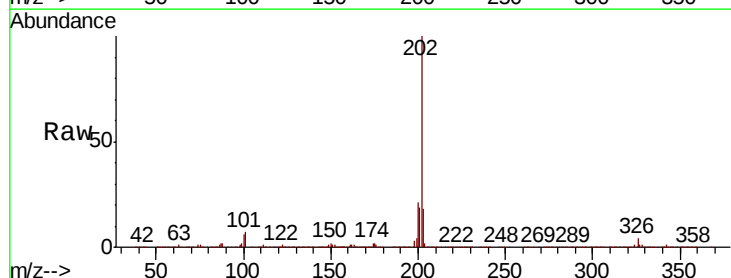
Tgt Ion:202 Resp: 547426

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

203 18.5 15.5 23.3

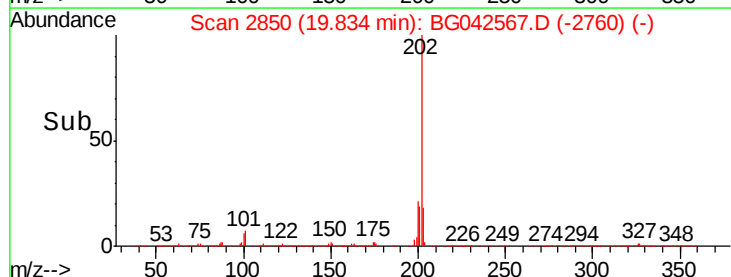
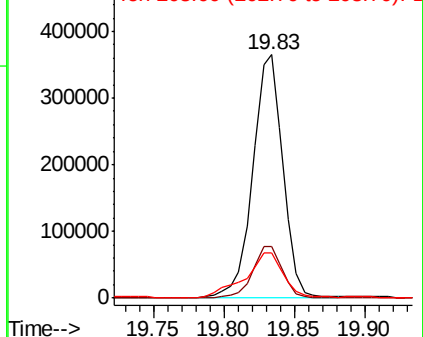


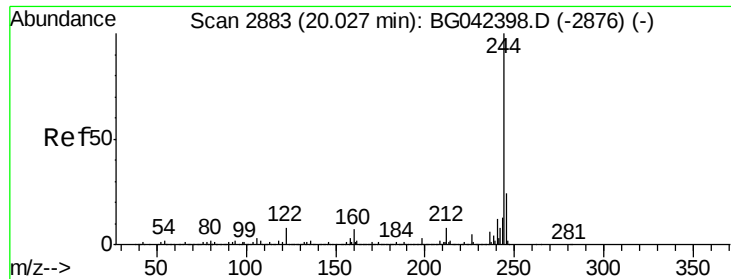
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.048 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

Instrument :

BNA_G

ClientSampled :

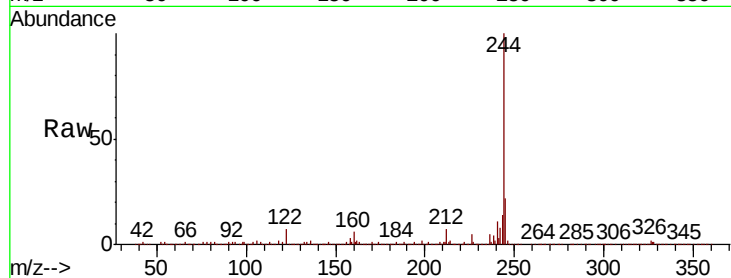
Tot Ion:244 Resp: 1024250

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

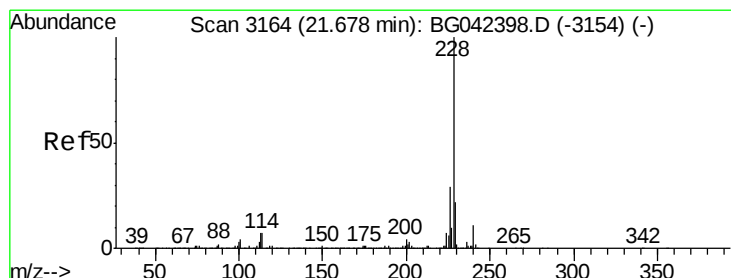
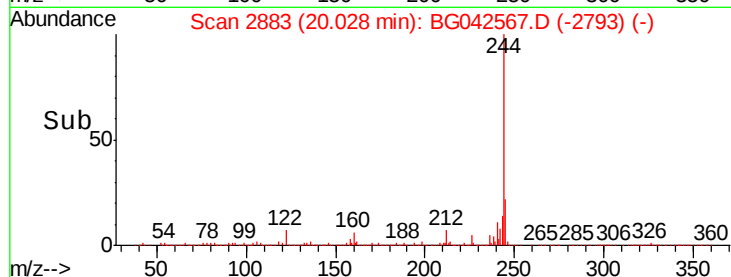
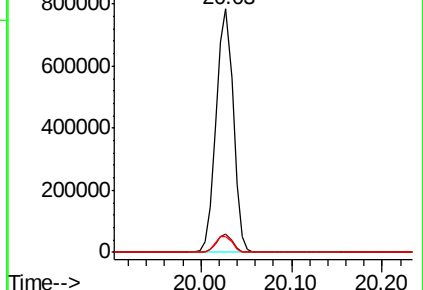
122 6.6 6.7 10.1#



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



#81

Benzo(a)anthracene

Concen: 17.827 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

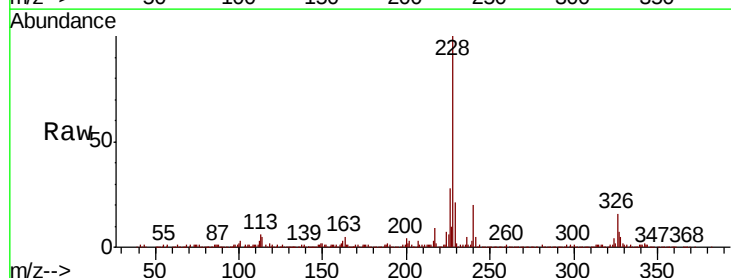
Tgt Ion:228 Resp: 258082

Ion Ratio Lower Upper

228 100

226 28.2 23.4 35.2

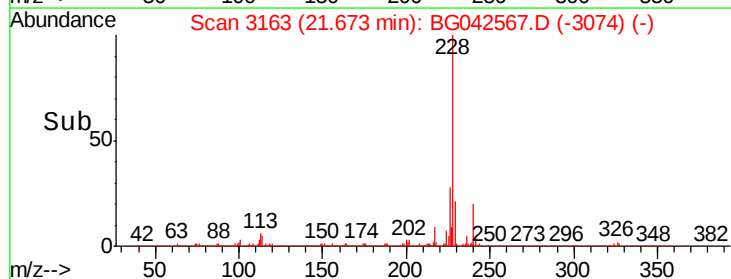
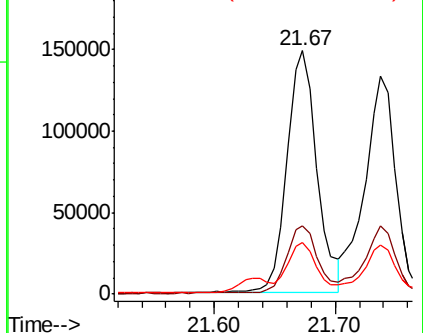
229 21.2 17.4 26.2

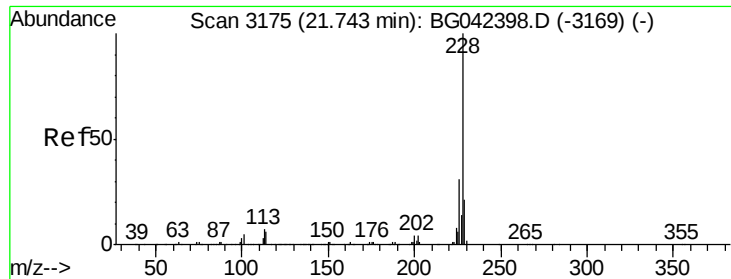


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 17.001 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042567.D

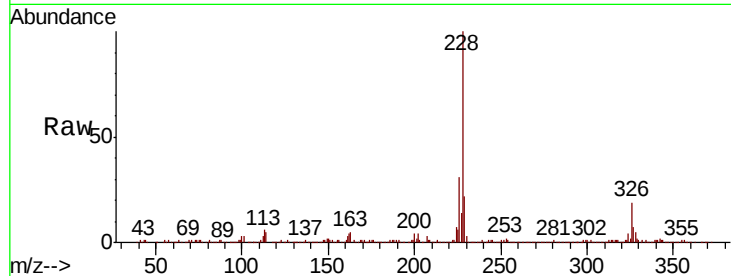
Acq: 29 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

Tot	Ion:228	Resp:	237357
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	22.4	16.9	25.3

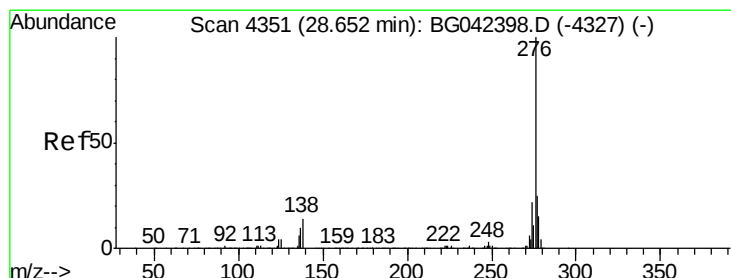
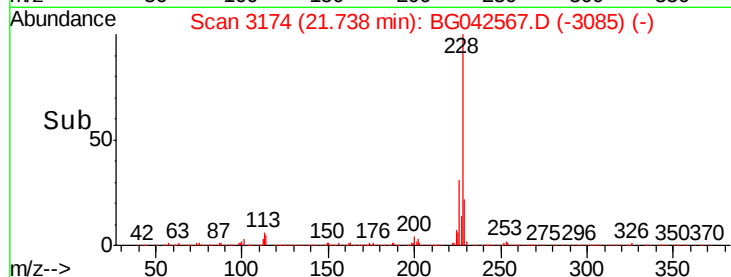
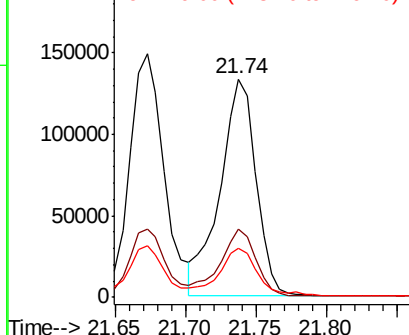


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 7.152 ng

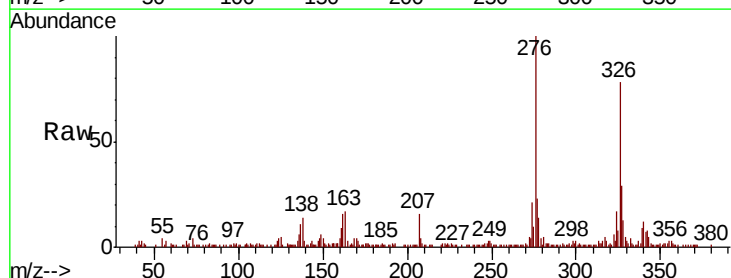
RT: 28.66 min Scan# 4352

Delta R.T. 0.01 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

Tgt	Ion:276	Resp:	135706
Ion	Ratio	Lower	Upper
276	100		
138	13.6	9.2	13.8
277	24.7	21.0	31.6

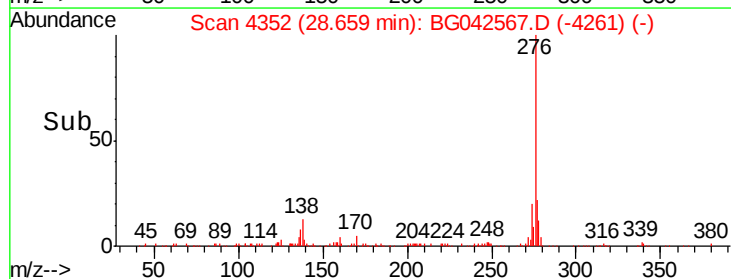
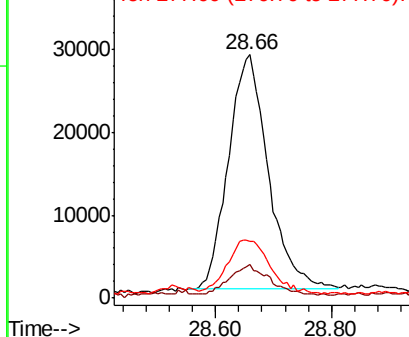


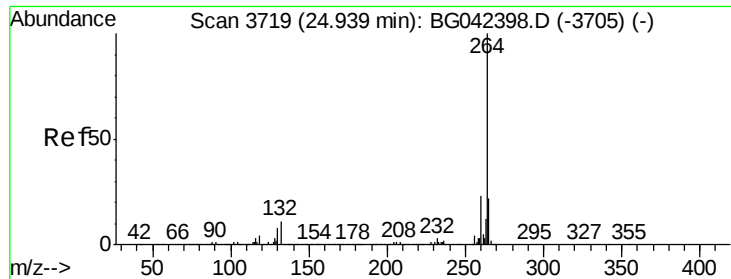
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

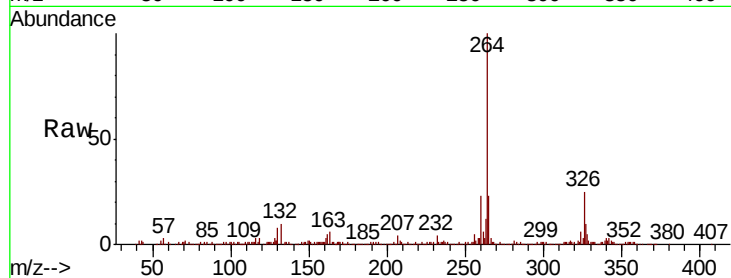




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. 0.00 min
Lab File: BG042567.D
Acq: 29 Aug 2019 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	22.8	17.6	26.4

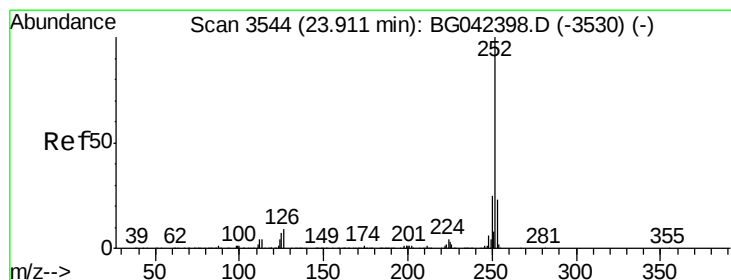
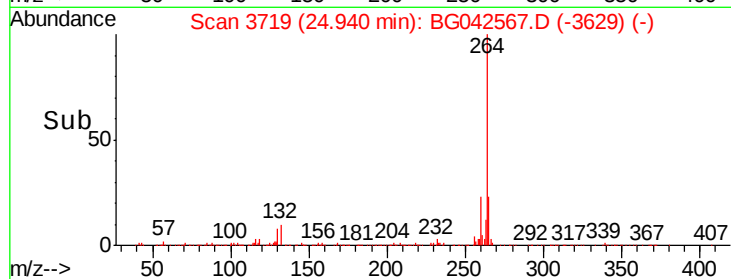
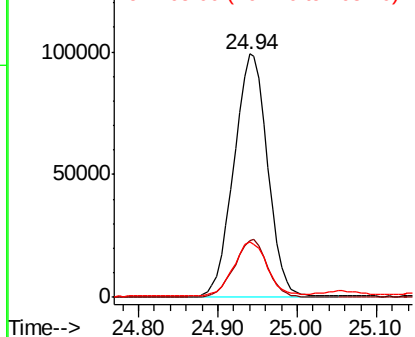


Abundance

Ion 264.00 (263.70 to 264.70): E

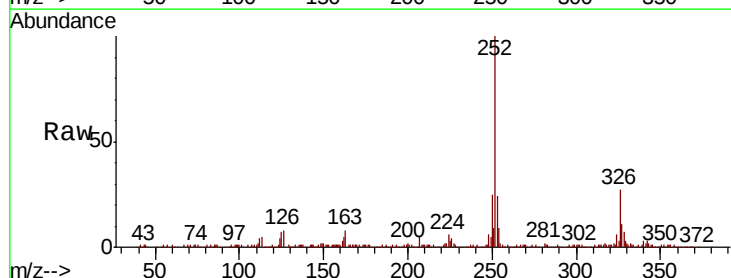
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 17.706 ng
RT: 23.91 min Scan# 3544
Delta R.T. 0.00 min
Lab File: BG042567.D
Acq: 29 Aug 2019 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.6	27.8
125	7.2	5.6	8.4

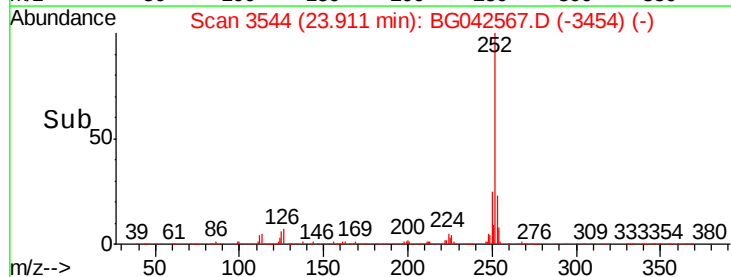
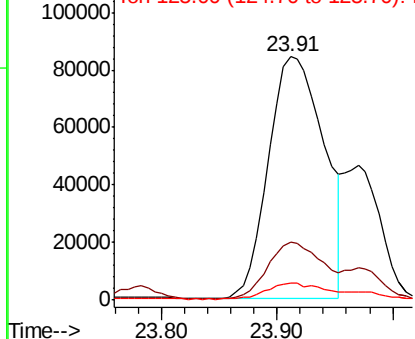


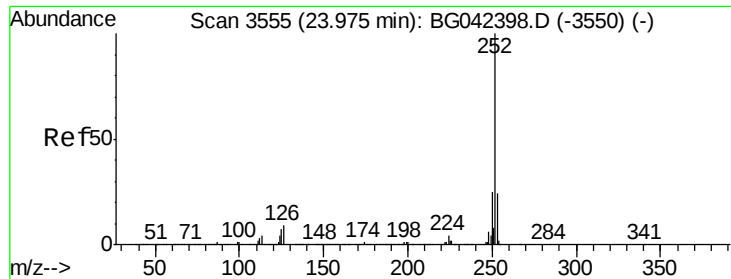
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

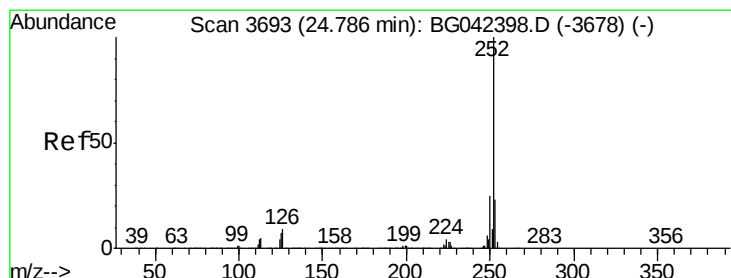
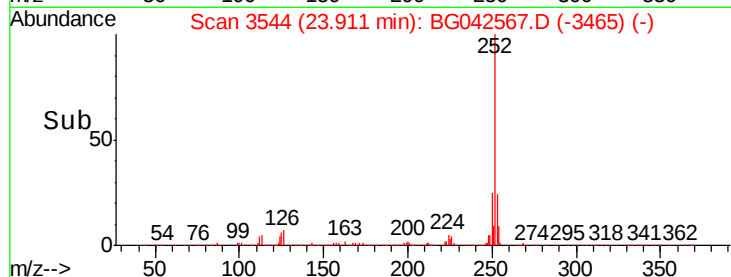
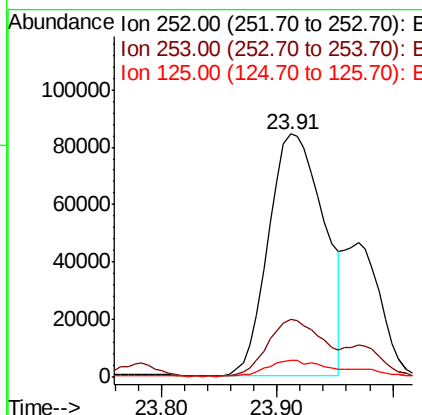
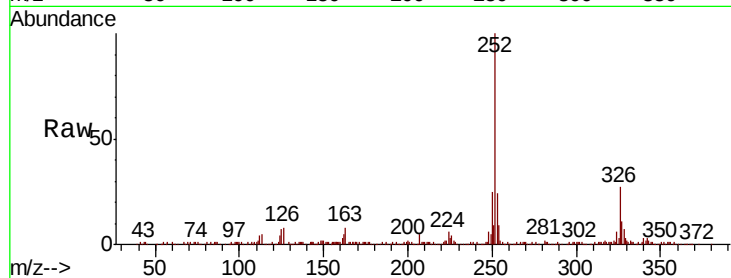




#89
Benzo(k)fluoranthene
Concen: 18.421 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.06 min
Lab File: BG042567.D
Acq: 29 Aug 2019 16:16

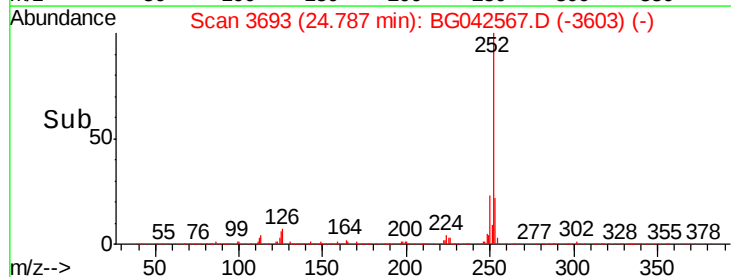
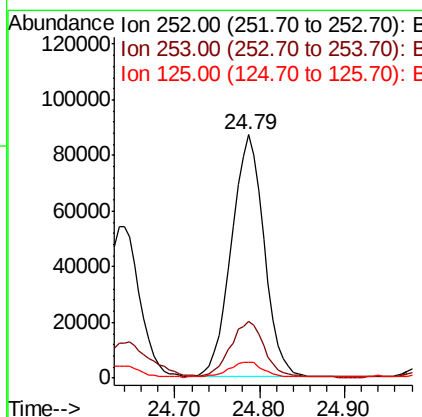
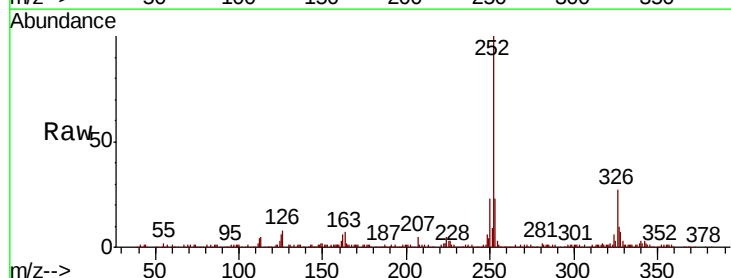
Instrument :
BNA_G
ClientSampleId :

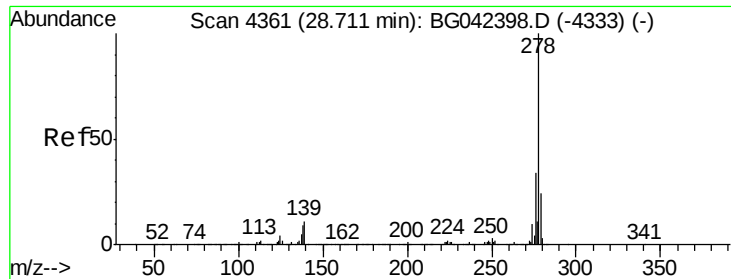
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.6	27.8
125	7.2	5.8	8.6



#90
Benzo(a)pyrene
Concen: 15.322 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG042567.D
Acq: 29 Aug 2019 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	6.2	6.0	9.0





#91

Dibenzo(a,h)anthracene

Concen: 2.059 ng

RT: 28.69 min Scan# 4357

Delta R.T. -0.02 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

Instrument :

BNA_G

ClientSampleId :

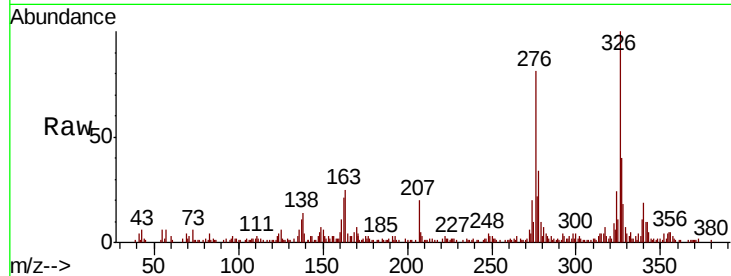
Tot Ion:278 Resp: 31589

Ion Ratio Lower Upper

278 100

139 12.9 8.8 13.2

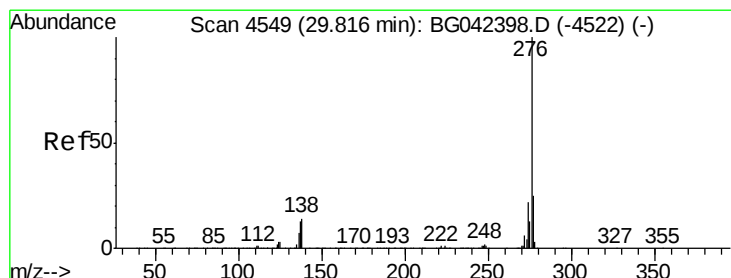
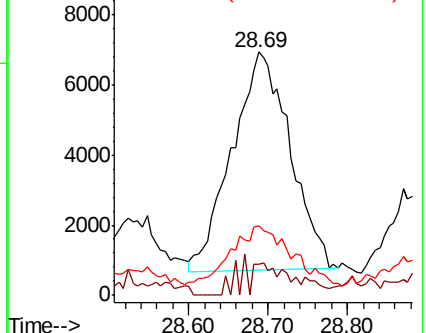
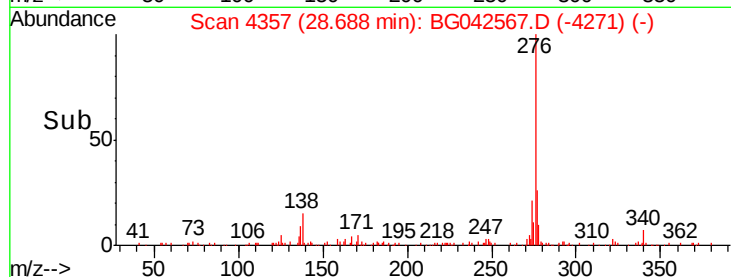
279 28.4 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 8.473 ng

RT: 29.81 min Scan# 4548

Delta R.T. -0.01 min

Lab File: BG042567.D

Acq: 29 Aug 2019 16:16

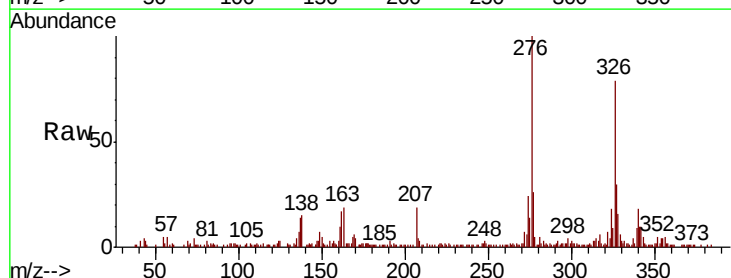
Tgt Ion:276 Resp: 130033

Ion Ratio Lower Upper

276 100

277 26.0 19.8 29.8

138 14.5 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

