

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042563.D
 Acq On : 29 Aug 2019 13:42
 Operator : HP/JU
 Sample : K4470-02RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 14:19:11 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	23118	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	89288	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	74105	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	199209	20.00	ng	0.00
76) Chrysene-d12	21.69	240	246253	20.00	ng	0.00
87) Perylene-d12	24.93	264	302188	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	126115	110.49	ng	0.00
7) Phenol-d6	7.16	99	173062	112.24	ng	-0.01
23) Nitrobenzene-d5	9.16	82	94055	72.79	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	144789	137.46	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	316007	72.12	ng	0.00
79) Terphenyl-d14	20.02	244	783688	68.80	ng	0.00

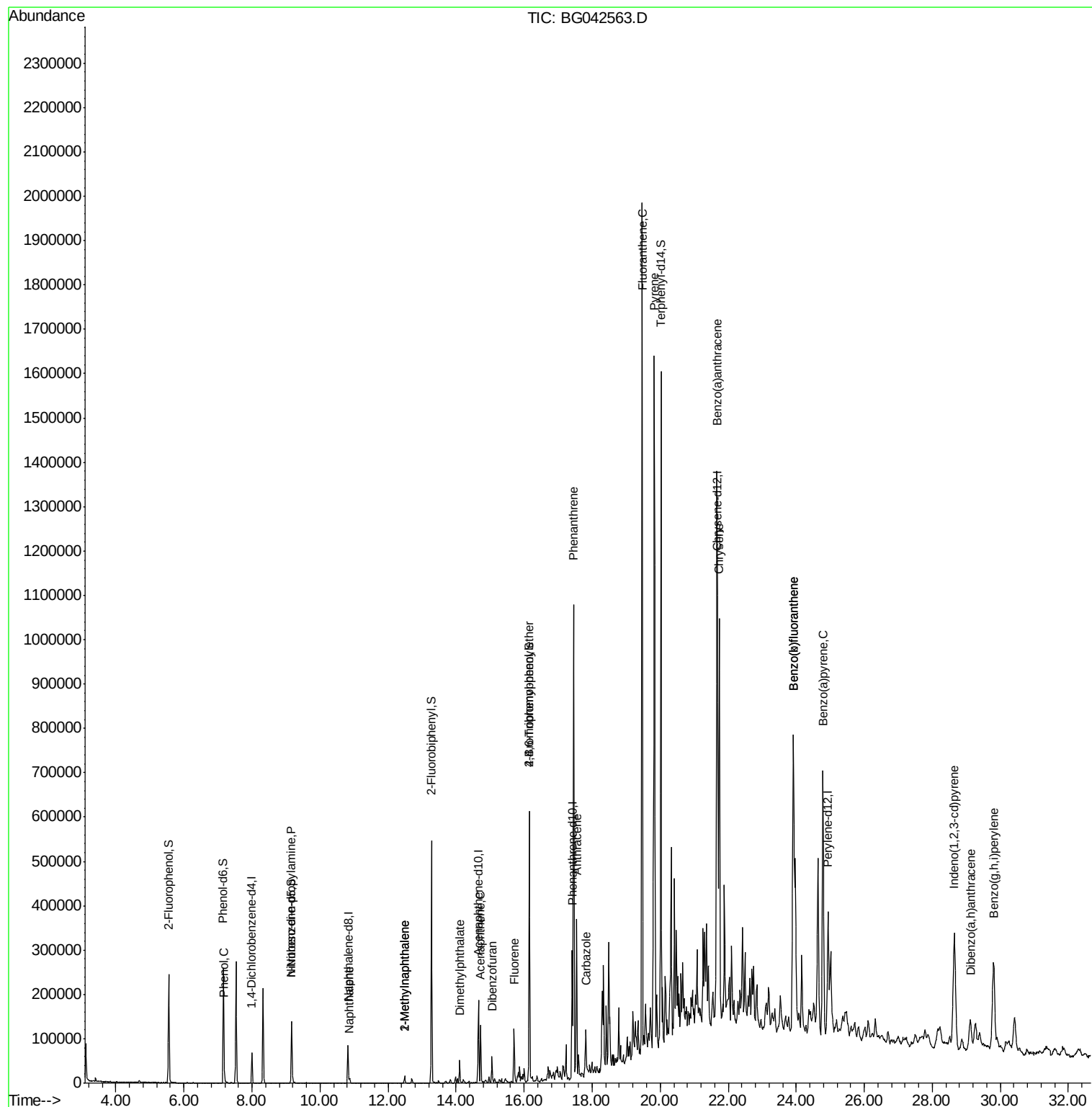
Target Compounds				Qvalue		
10) Phenol	7.18	94	3909	2.493	ng	# 58
19) n-Nitroso-di-n-propylamine	9.17	70	12060	12.073	ng	# 69
31) Naphthalene	10.87	128	10221	2.466	ng	# 94
37) 2-Methylnaphthalene	12.49	142	10274	3.087	ng	95
38) 1-Methylnaphthalene	12.49	142	10274	3.250	ng	90
50) Dimethylphthalate	14.10	163	41380	7.739	ng	97
52) Acenaphthene	14.72	154	51884	13.750	ng	99
55) Dibenzofuran	15.06	168	42582	6.818	ng	98
58) Fluorene	15.71	166	59268	11.608	ng	99
67) 4-Bromophenyl-phenylether	16.15	248	9652	3.820	ng	# 1
71) Phenanthrene	17.45	178	713915	72.149	ng	98
72) Anthracene	17.54	178	247671	25.072	ng	99
73) Carbazole	17.81	167	67740	7.694	ng	97
75) Fluoranthene	19.47	202	1281150	106.089	ng	97
78) Pyrene	19.83	202	1164337	77.120	ng	98
81) Benzo(a)anthracene	21.67	228	823610	54.981	ng	99
83) Chrysene	21.74	228	680619	47.112	ng	96
86) Indeno(1,2,3-cd)pyrene	28.65	276	470756	23.978	ng	98
88) Benzo(b)fluoranthene	23.91	252	935902	56.335	ng	99
89) Benzo(k)fluoranthene	23.91	252	935902	58.608	ng	99
90) Benzo(a)pyrene	24.79	252	749879	47.568	ng	96
91) Dibenz(a,h)anthracene	29.12	278	109982	6.890	ng	93
92) Benzo(g,h,i)perylene	29.81	276	451200	28.263	ng	98

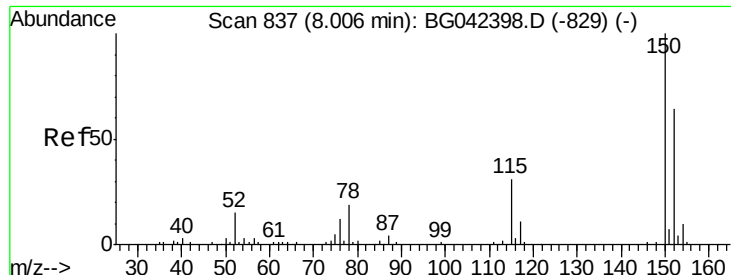
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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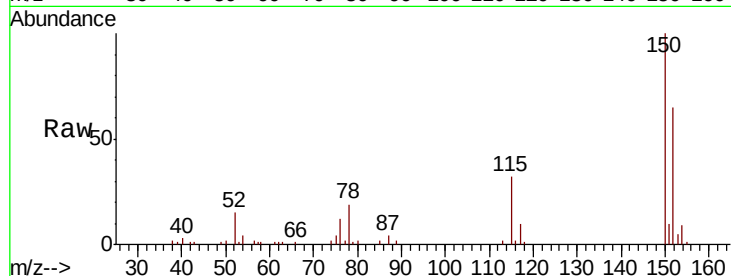


#1

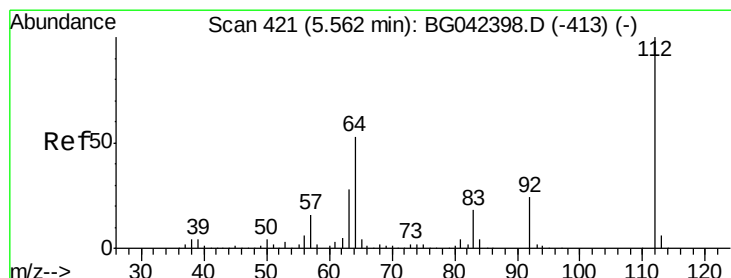
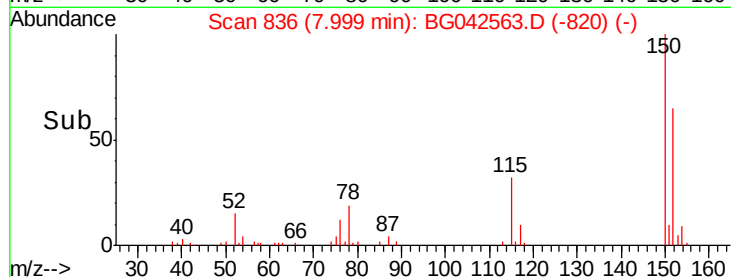
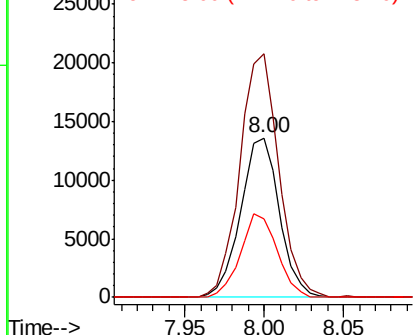
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042563.D
Acq: 29 Aug 2019 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 23118
Ion Ratio Lower Upper
152 100
150 152.7 125.4 188.0
115 49.1 38.5 57.7



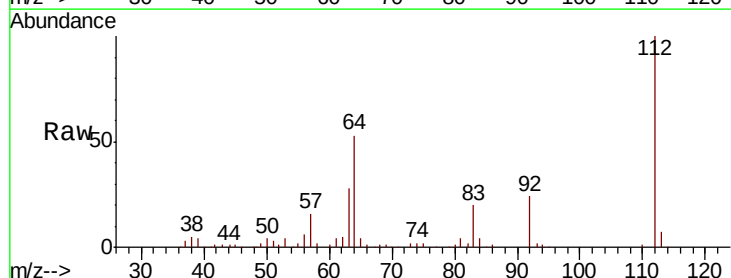
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



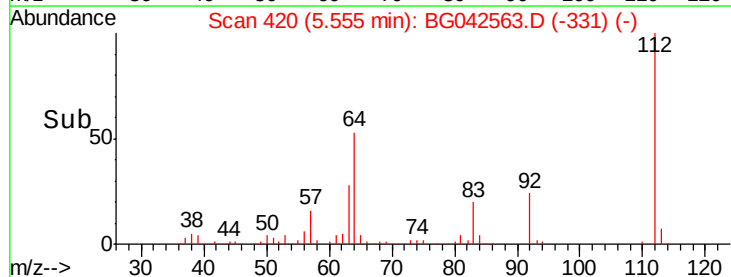
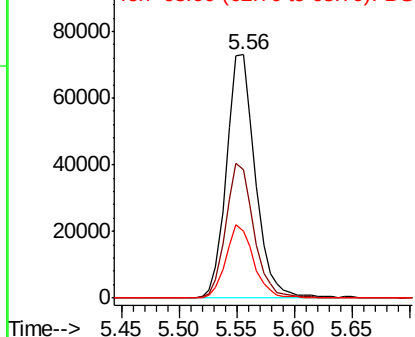
#5

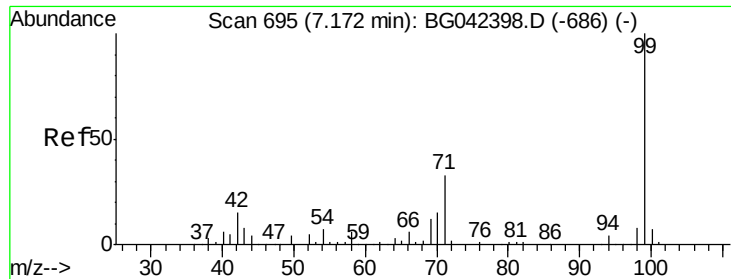
2-Fluorophenol
Concen: 110.485 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042563.D
Acq: 29 Aug 2019 13:42

Tgt Ion:112 Resp: 126115
Ion Ratio Lower Upper
112 100
64 52.9 42.8 64.2
63 27.7 22.7 34.1



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: 112.242 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

Instrument :

BNA_G

ClientSampleId :

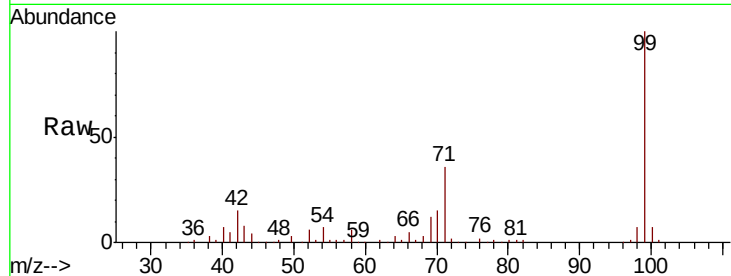
Tot Ion: 99 Resp: 173062

Ion Ratio Lower Upper

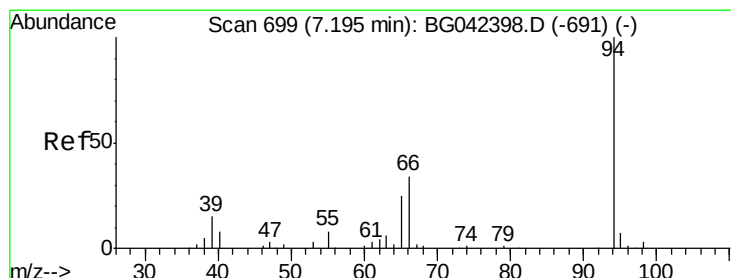
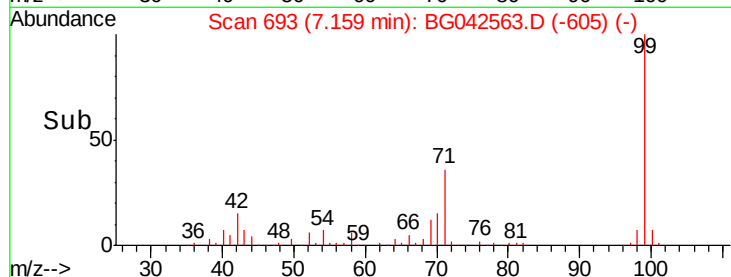
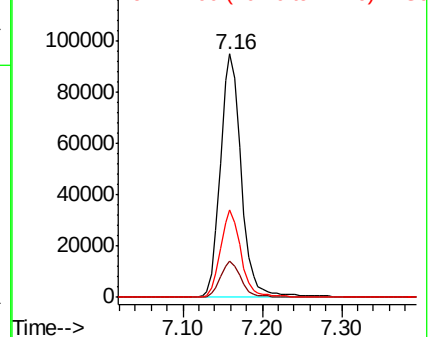
99 100

42 15.1 12.0 18.0

71 36.1 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: 2.493 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

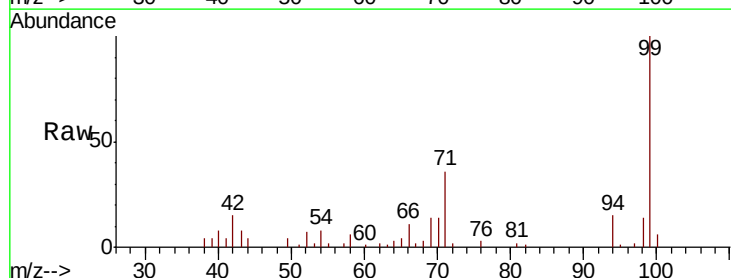
Tgt Ion: 94 Resp: 3909

Ion Ratio Lower Upper

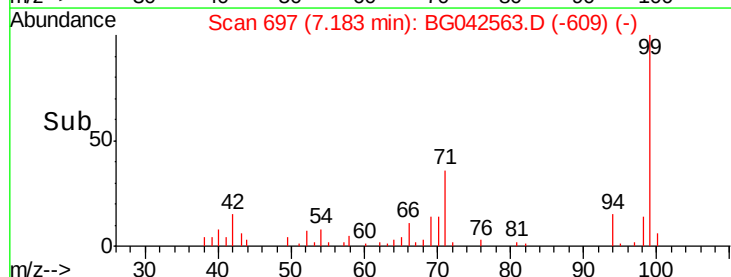
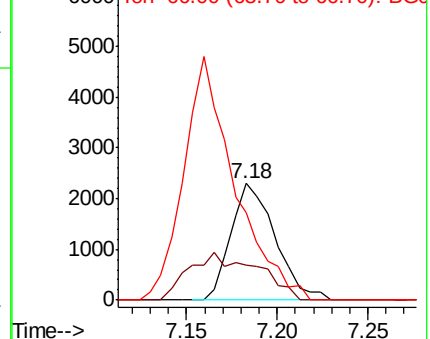
94 100

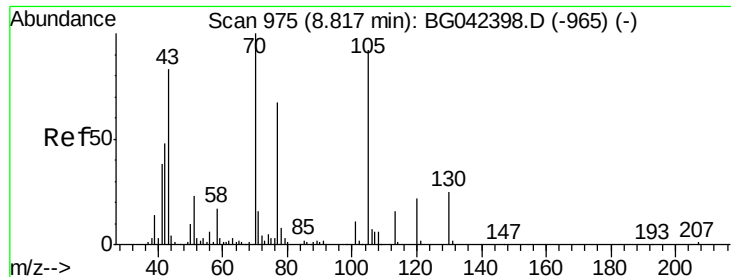
65 29.5 5.6 45.6

66 74.6 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





#19

n-Nitroso-di-n-propylamine

Concen: 12.073 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.35 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 12060

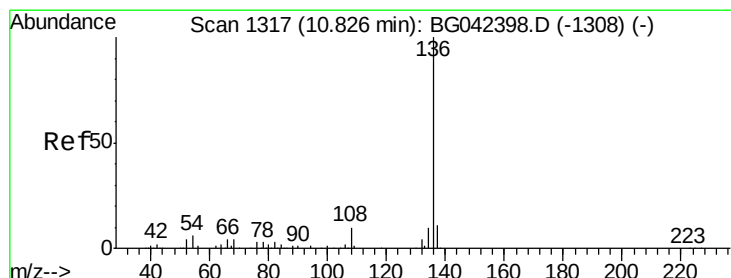
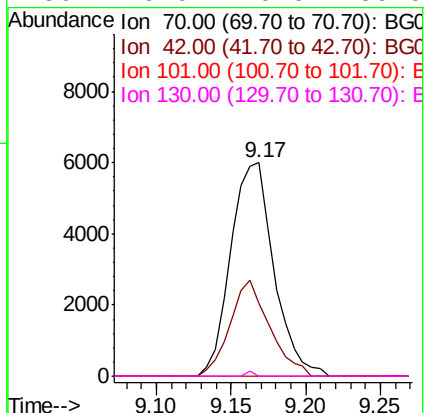
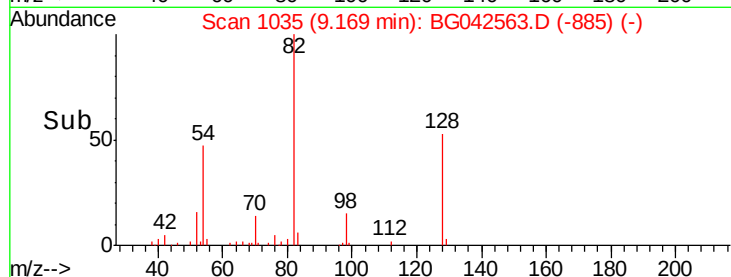
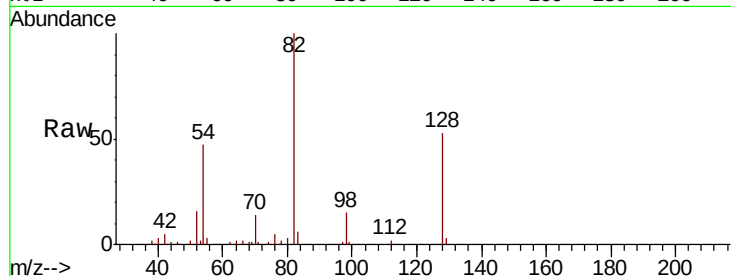
Ion Ratio Lower Upper

70 100

42 33.9 38.8 58.2#

101 0.0 9.0 13.6#

130 0.0 20.0 30.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

Tgt Ion: 136 Resp: 89288

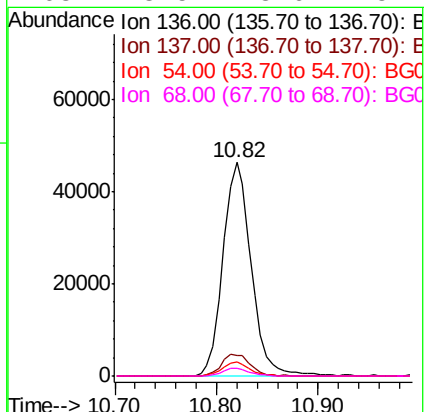
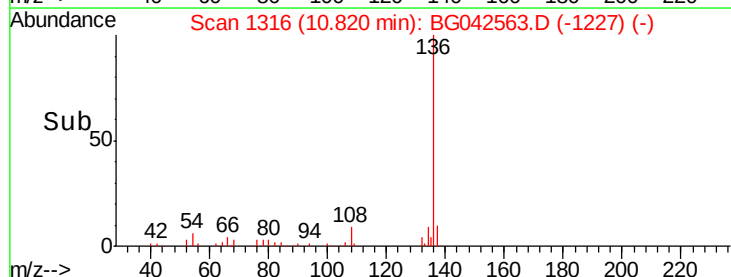
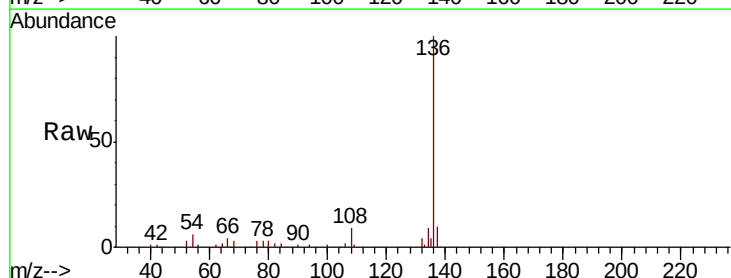
Ion Ratio Lower Upper

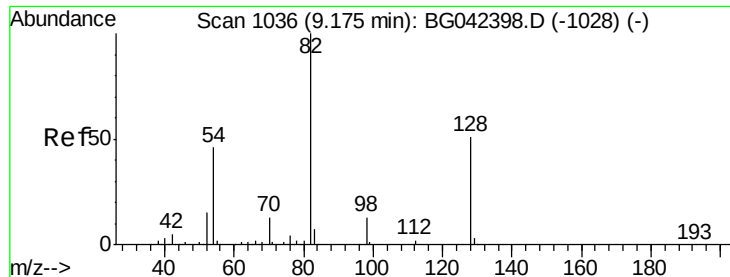
136 100

137 9.9 8.7 13.1

54 6.4 4.9 7.3

68 3.5 3.6 5.4#

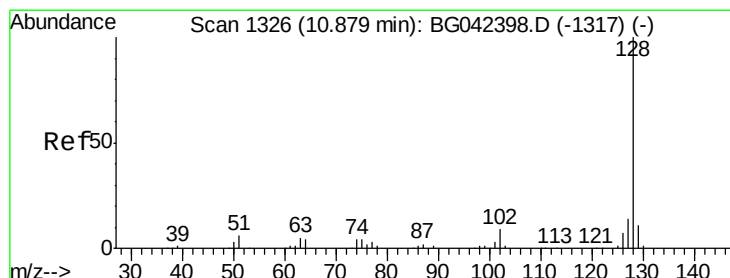
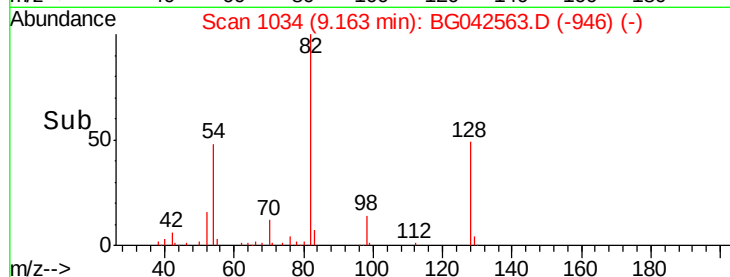
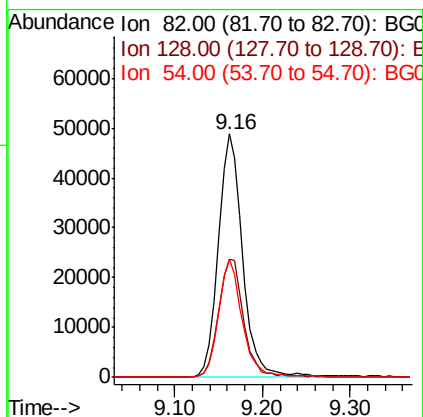
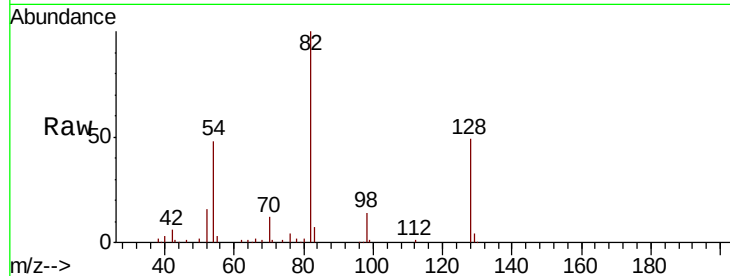




#23
Nitrobenzene-d5
Concen: 72.793 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042563.D
Acq: 29 Aug 2019 13:42

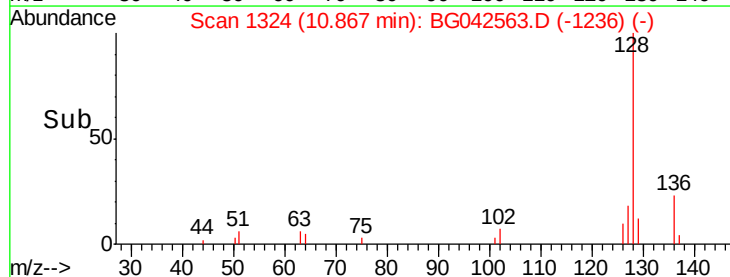
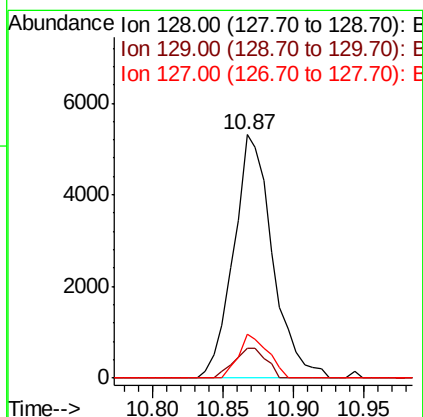
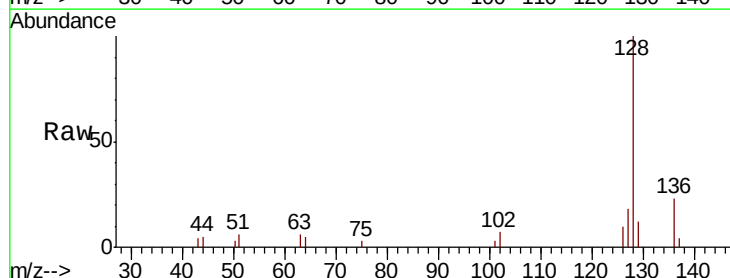
Instrument :
BNA_G
ClientSampled :

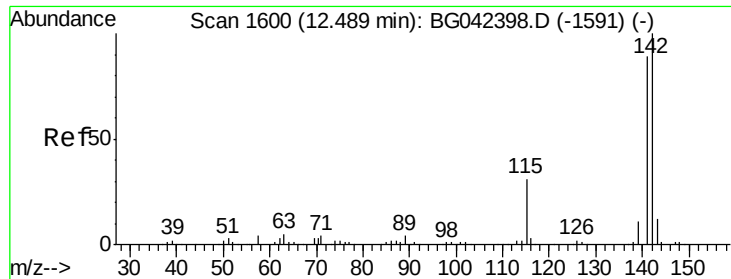
Tot Ion: 82 Resp: 94055
Ion Ratio Lower Upper
82 100
128 48.7 40.7 61.1
54 48.3 36.3 54.5



#31
Naphthalene
Concen: 2.466 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042563.D
Acq: 29 Aug 2019 13:42

Tgt Ion: 128 Resp: 10221
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 18.0 11.4 17.0#

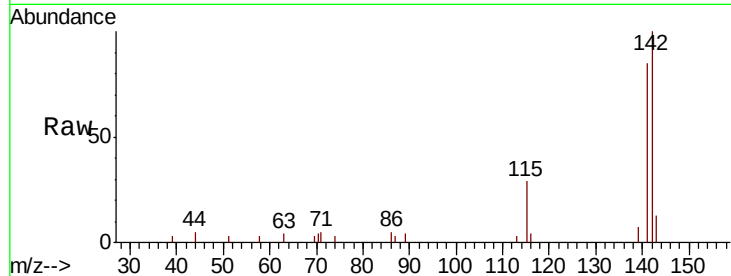




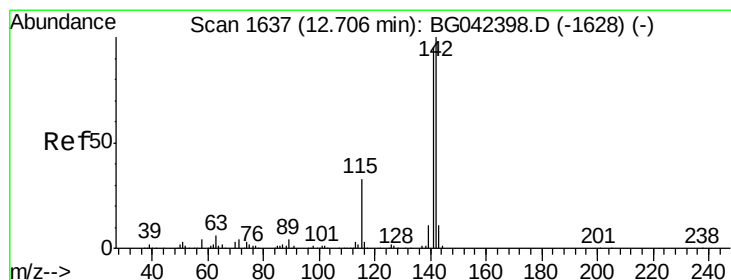
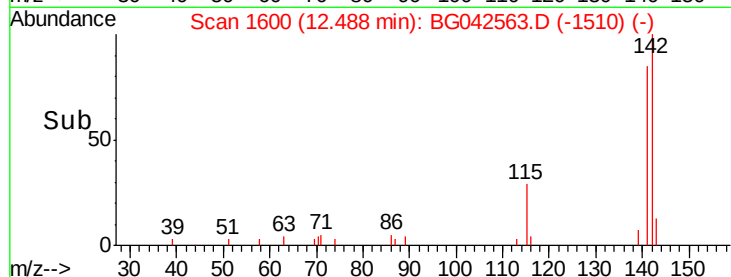
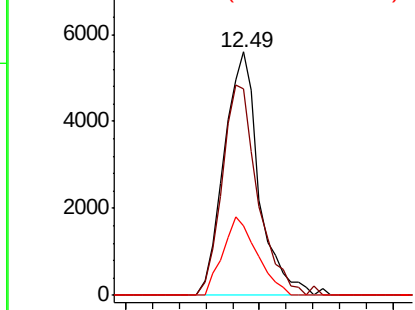
#37
 2-Methylnaphthalene
 Concen: 3.087 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG042563.D
 Acq: 29 Aug 2019 13:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 10274
 Ion Ratio Lower Upper
 142 100
 141 85.0 71.4 107.2
 115 28.6 25.2 37.8

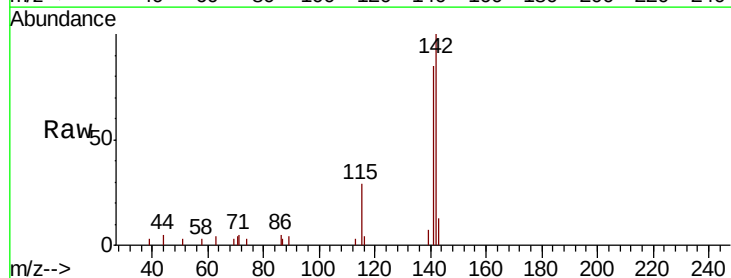


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

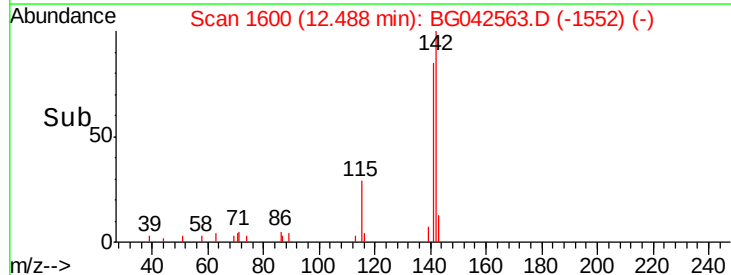
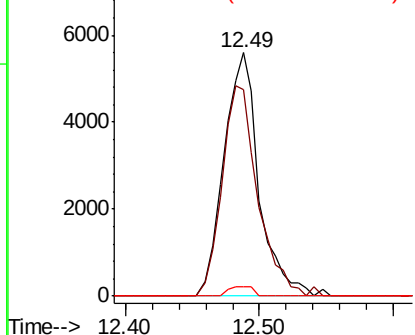


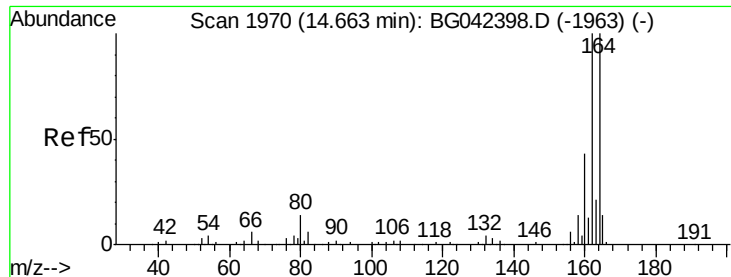
#38
 1-Methylnaphthalene
 Concen: 3.250 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.22 min
 Lab File: BG042563.D
 Acq: 29 Aug 2019 13:42

Tgt Ion:142 Resp: 10274
 Ion Ratio Lower Upper
 142 100
 141 85.0 76.2 114.2
 116 3.7 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

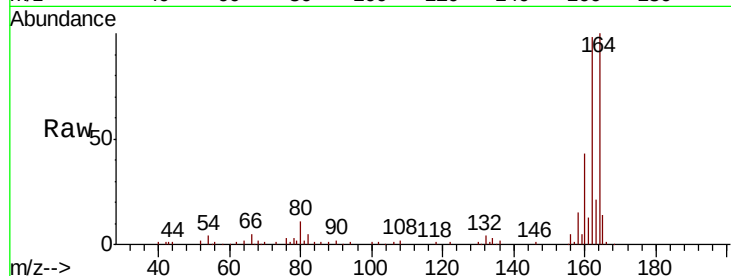
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 74105

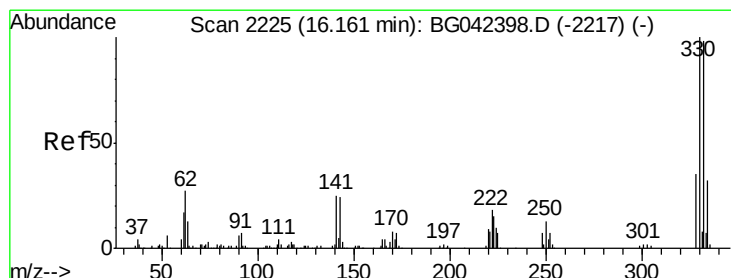
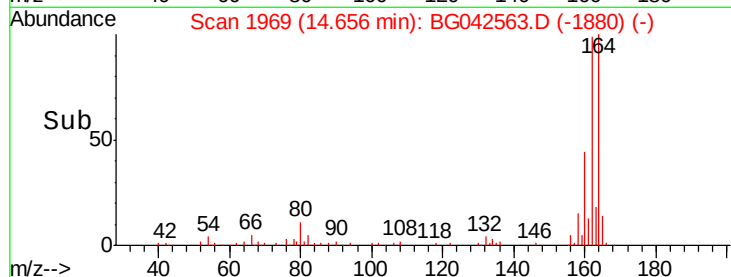
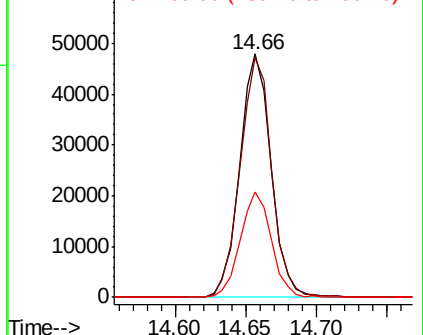
Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.9	119.9
160	43.4	34.3	51.5



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: 137.465 ng

RT: 16.15 min Scan# 2223

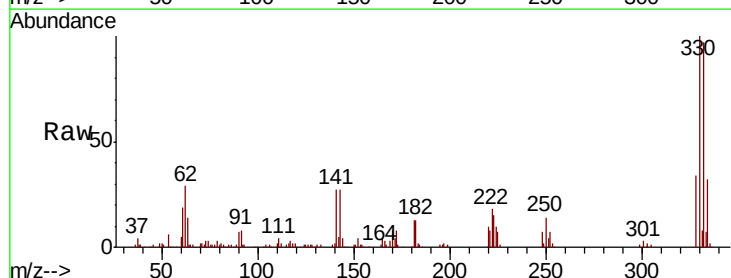
Delta R.T. -0.01 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

Tgt Ion:330 Resp: 144789

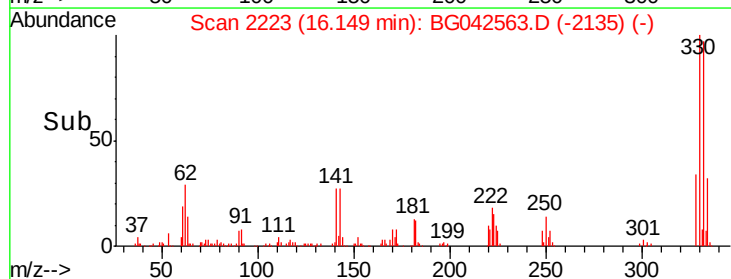
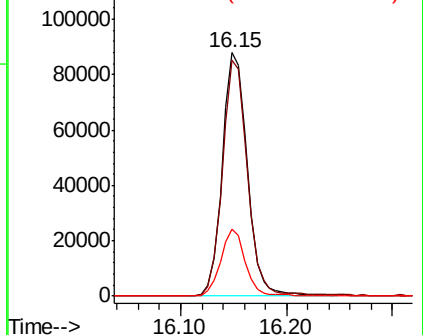
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	27.1	21.4	32.0

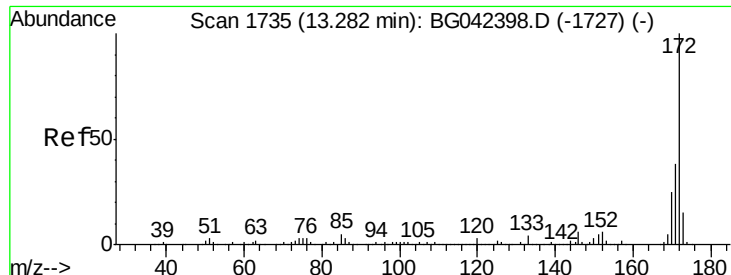


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

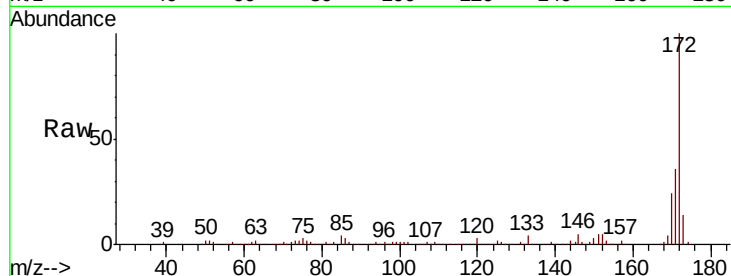




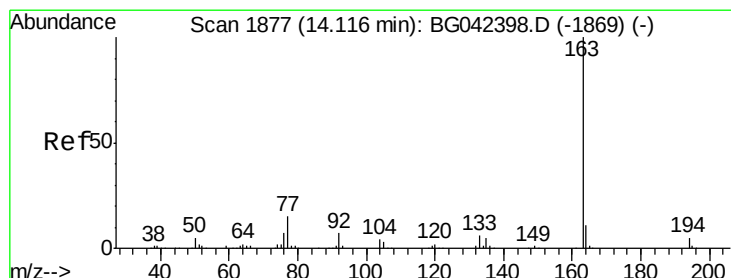
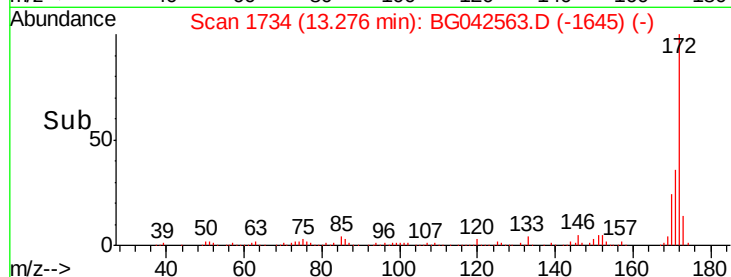
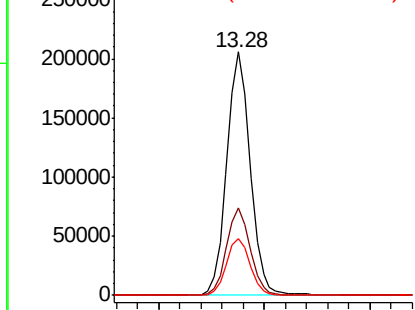
#45
2-Fluorobiphenyl
Concen: 72.122 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042563.D
Acq: 29 Aug 2019 13:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 316007
Ion Ratio Lower Upper
172 100
171 36.0 30.5 45.7
170 23.5 20.2 30.2

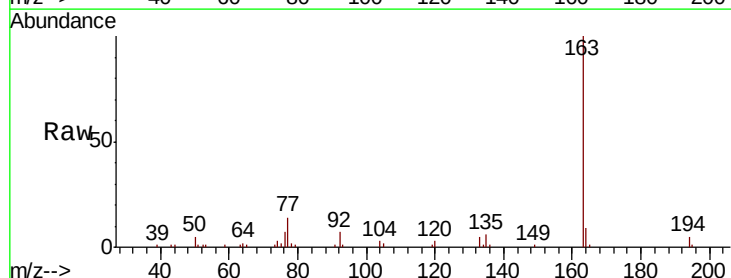


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

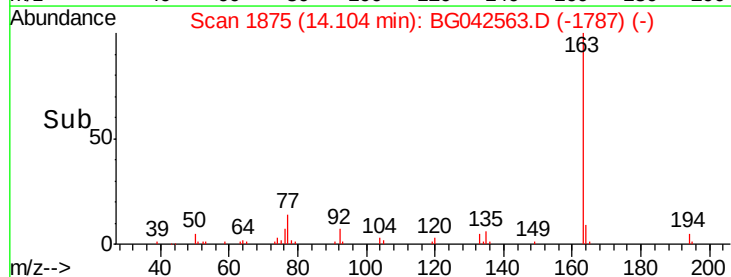
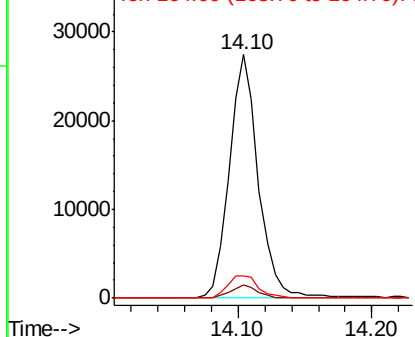


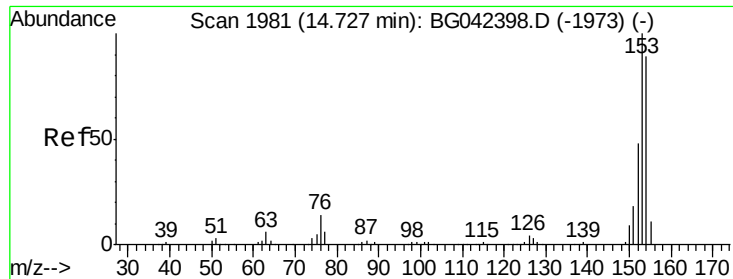
#50
Dimethylphthalate
Concen: 7.739 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042563.D
Acq: 29 Aug 2019 13:42

Tgt Ion:163 Resp: 41380
Ion Ratio Lower Upper
163 100
194 5.3 4.2 6.2
164 9.2 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 13.750 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

Instrument :

BNA_G

ClientSampled :

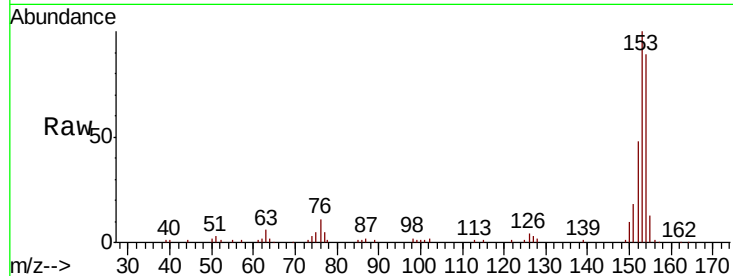
Tot Ion:154 Resp: 51884

Ion Ratio Lower Upper

154 100

153 111.8 90.2 135.4

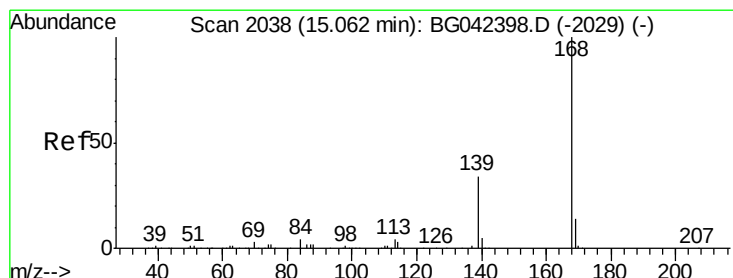
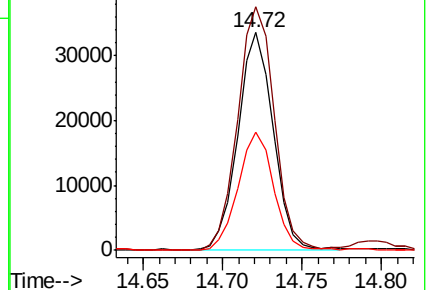
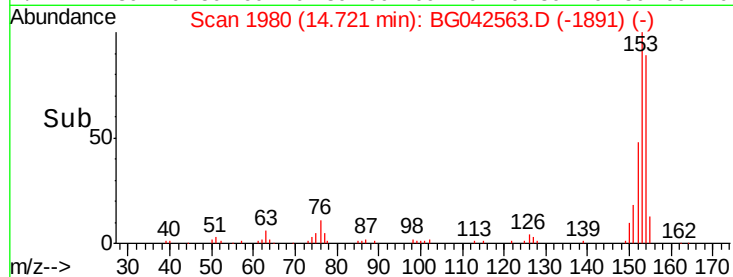
152 54.0 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 6.818 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

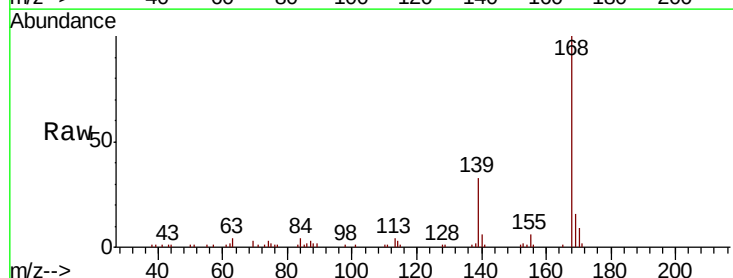
Tgt Ion:168 Resp: 42582

Ion Ratio Lower Upper

168 100

139 32.7 27.2 40.8

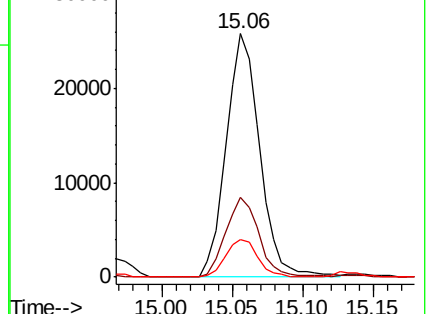
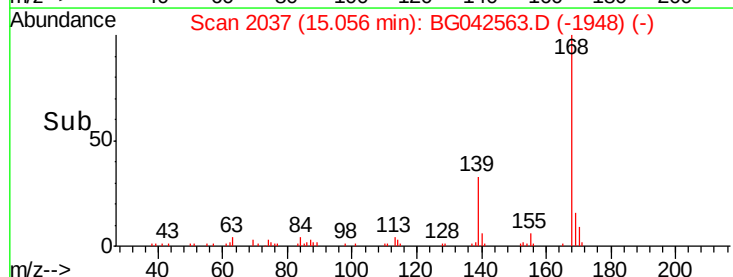
169 15.5 11.5 17.3

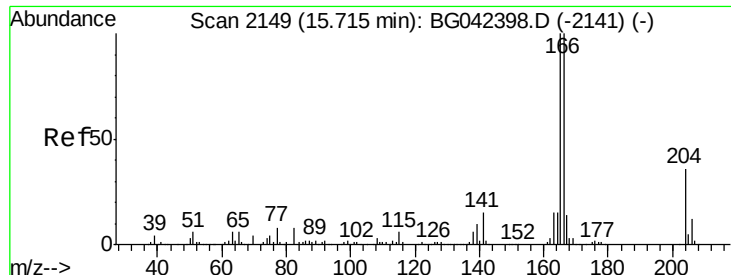


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

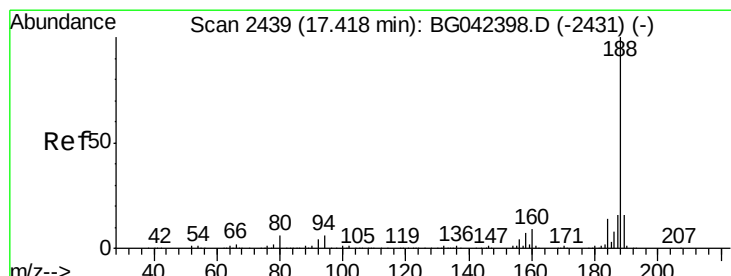
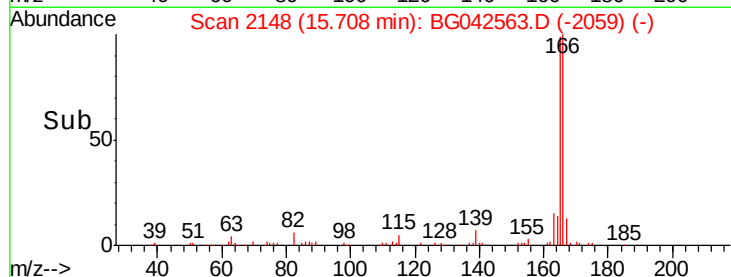
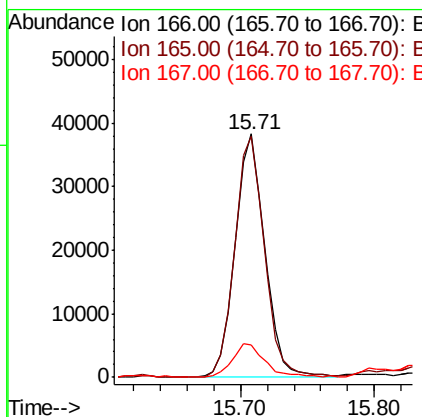
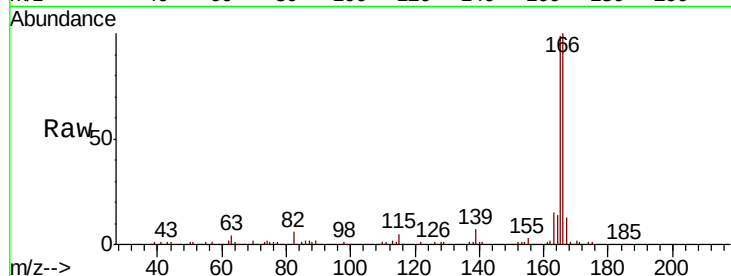




#58
 Fluorene
 Concen: 11.608 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042563.D
 Acq: 29 Aug 2019 13:42

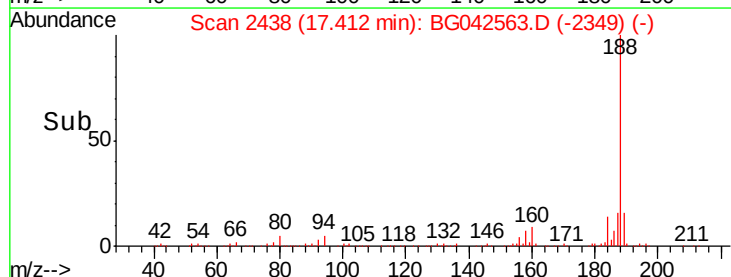
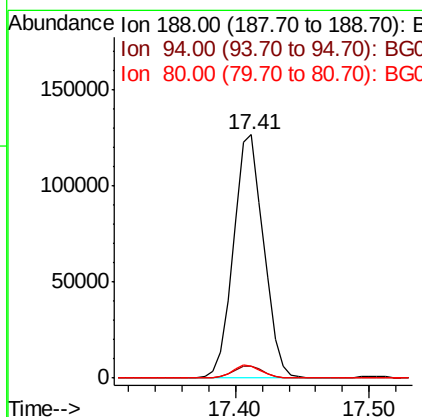
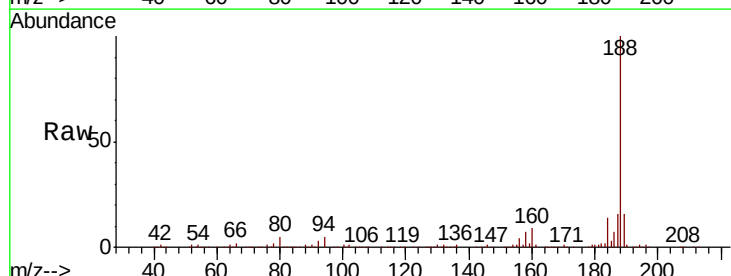
Instrument :
 BNA_G
 ClientSampleId :

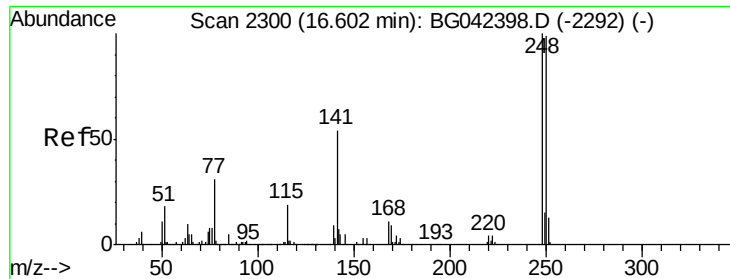
Tot Ion:166 Resp: 59268
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.7 119.5
 167 13.2 10.9 16.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG042563.D
 Acq: 29 Aug 2019 13:42

Tgt Ion:188 Resp: 199209
 Ion Ratio Lower Upper
 188 100
 94 5.0 4.5 6.7
 80 5.1 4.9 7.3

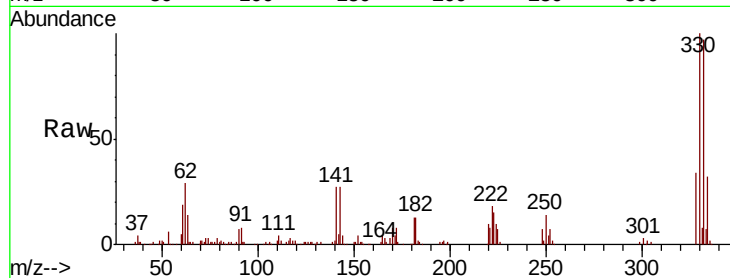




#67
 4-Bromophenyl-phenylether
 Concen: 3.820 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042563.D
 Acq: 29 Aug 2019 13:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	149.5	78.9	118.3#
141	298.6	43.3	64.9#

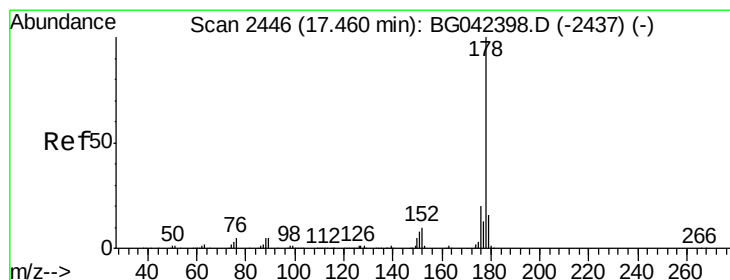
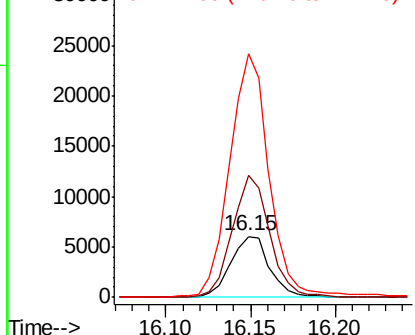
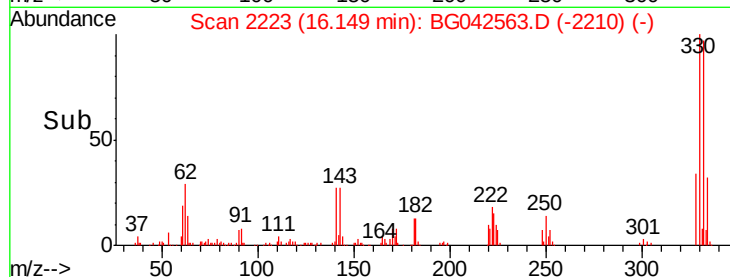


Abundance

Ion 248.00 (247.70 to 248.70): E

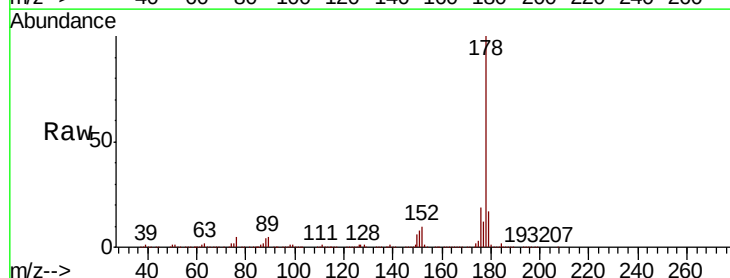
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#71
 Phenanthrene
 Concen: 72.149 ng
 RT: 17.45 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG042563.D
 Acq: 29 Aug 2019 13:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	16.9	12.7	19.1

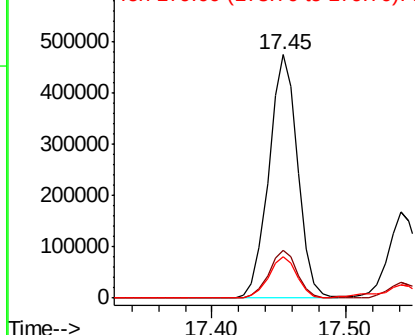
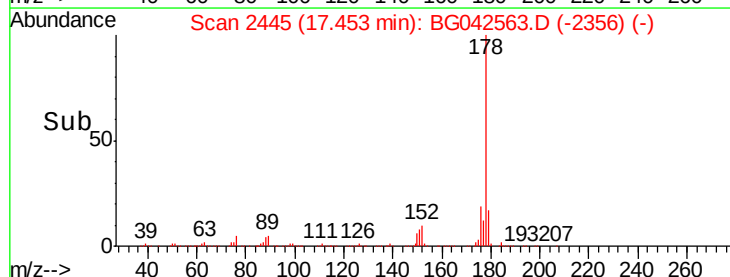


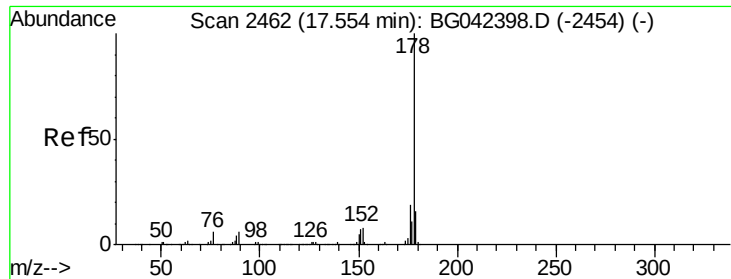
Abundance

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: 25.072 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

Instrument :

BNA_G

ClientSampleId :

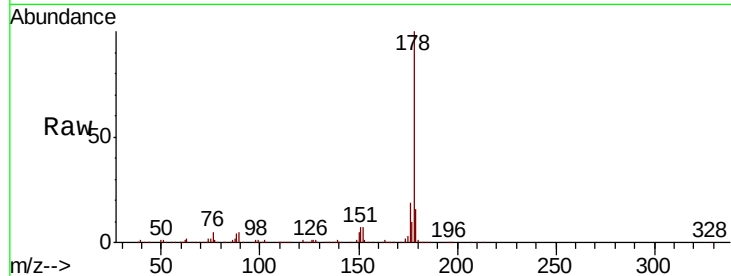
Tot Ion:178 Resp: 247671

Ion Ratio Lower Upper

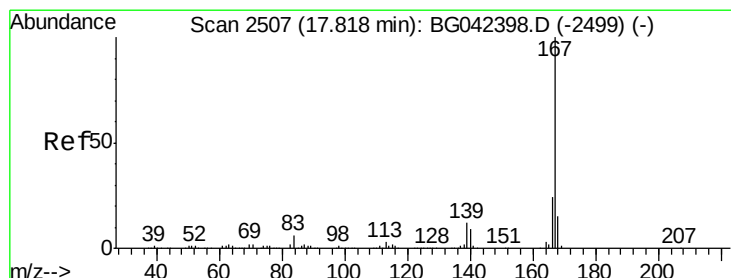
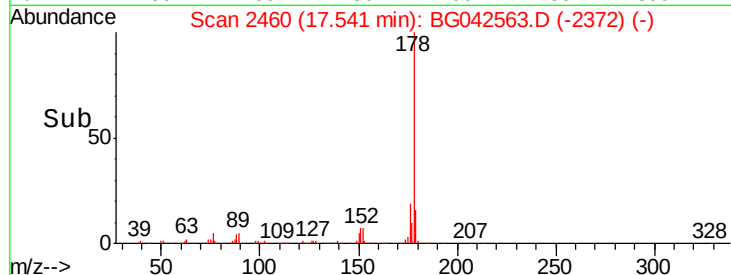
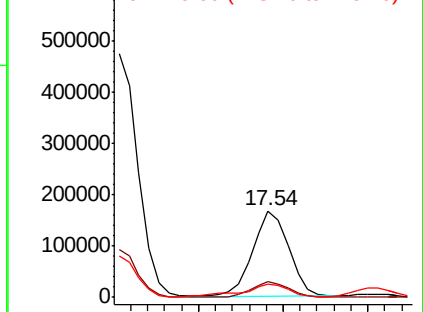
178 100

176 18.6 15.5 23.3

179 15.8 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: 7.694 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

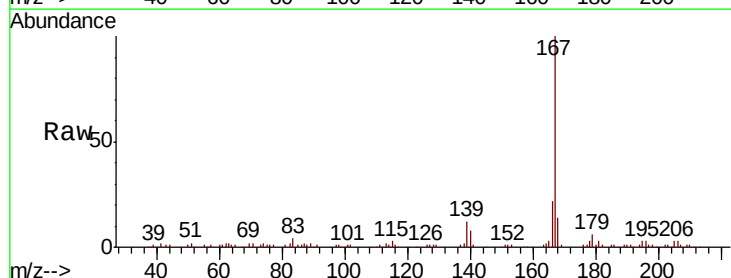
Tgt Ion:167 Resp: 67740

Ion Ratio Lower Upper

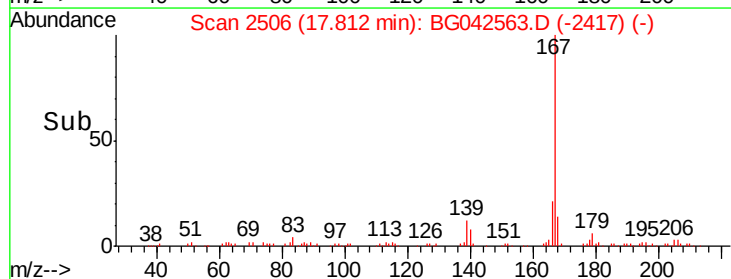
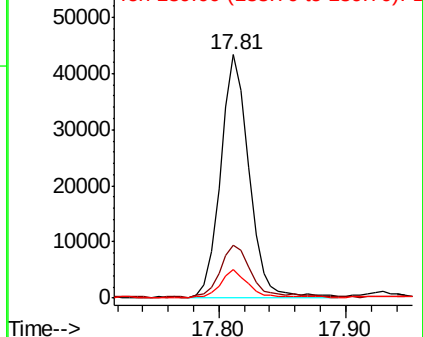
167 100

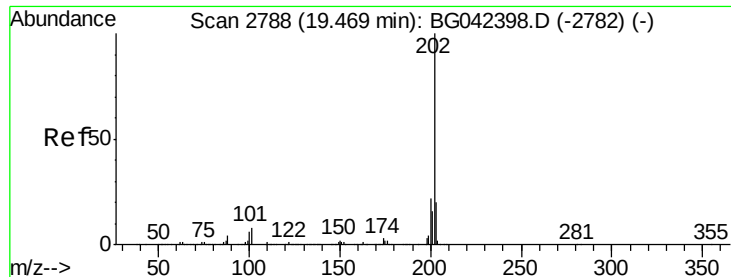
166 21.7 18.9 28.3

139 11.8 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: 106.089 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

Instrument :

BNA_G

ClientSampleId :

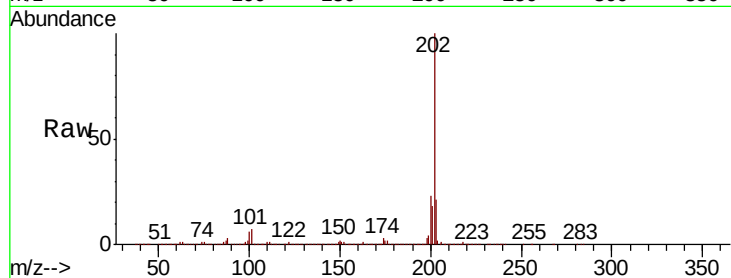
Tot Ion:202 Resp: 1281150

Ion Ratio Lower Upper

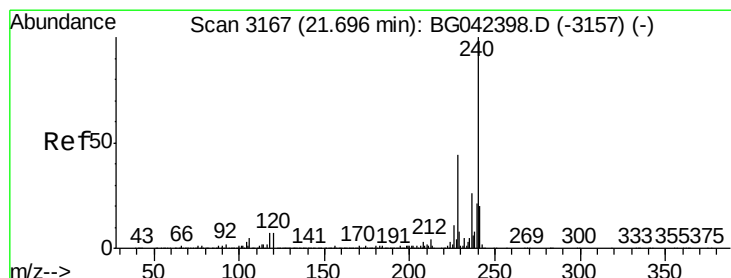
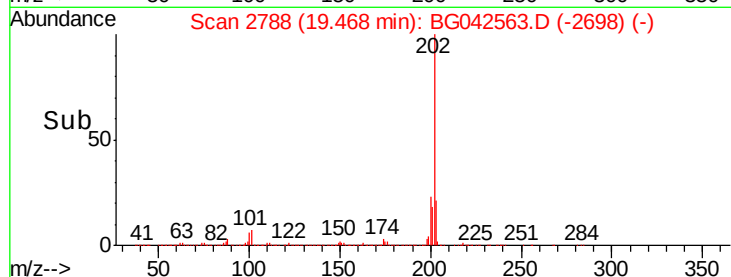
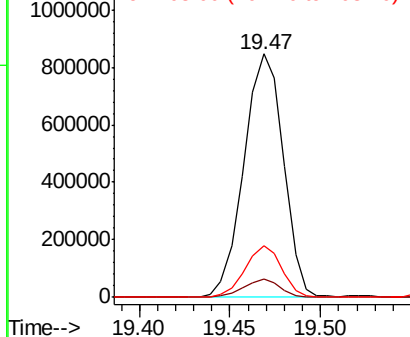
202 100

101 7.3 0.0 28.3

203 21.1 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: BG042563.D

Acq: 29 Aug 2019 13:42

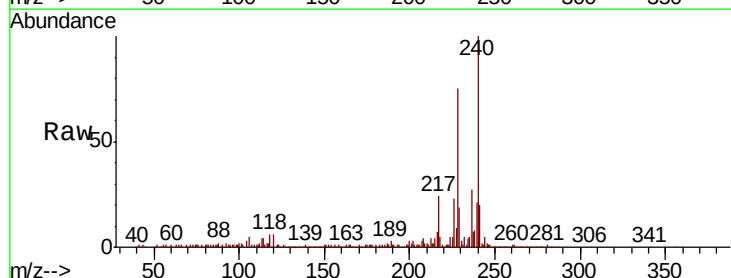
Tgt Ion:240 Resp: 246253

Ion Ratio Lower Upper

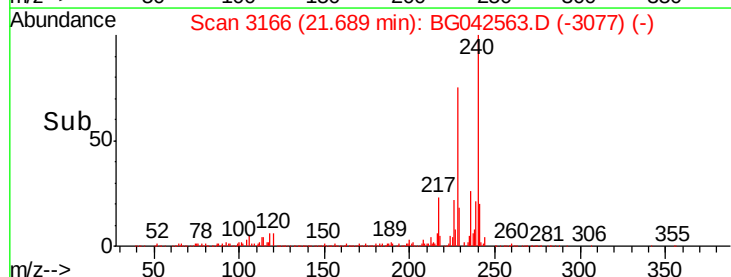
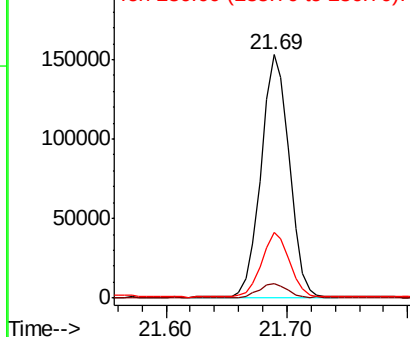
240 100

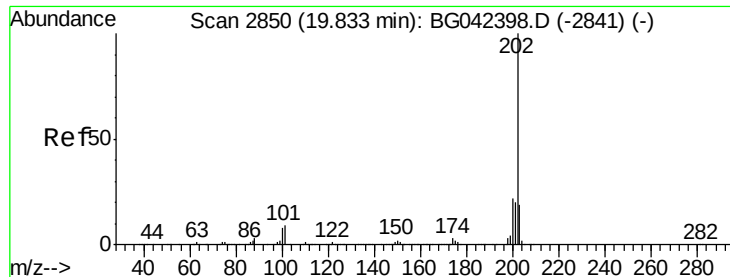
120 6.0 5.7 8.5

236 26.7 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





#78

Pvrene

Concen: 77.120 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

Instrument :

BNA_G

ClientSampleId :

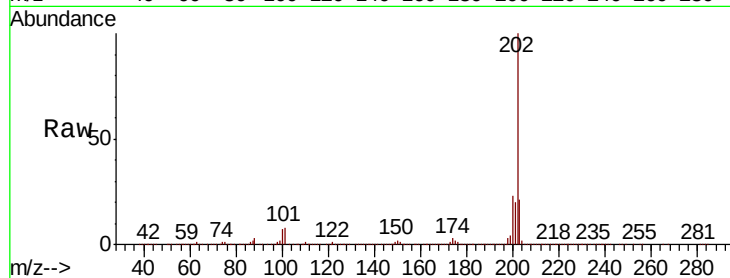
Tot Ion:202 Resp: 1164337

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.6

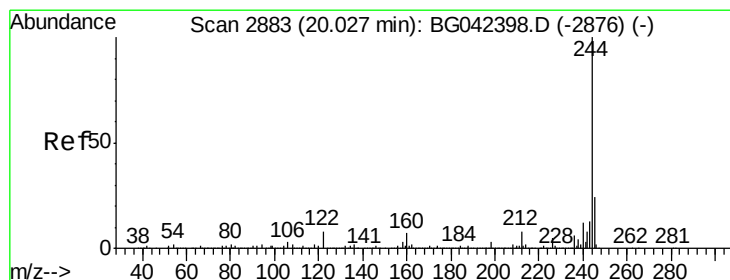
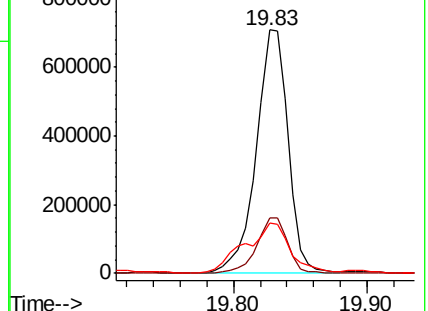
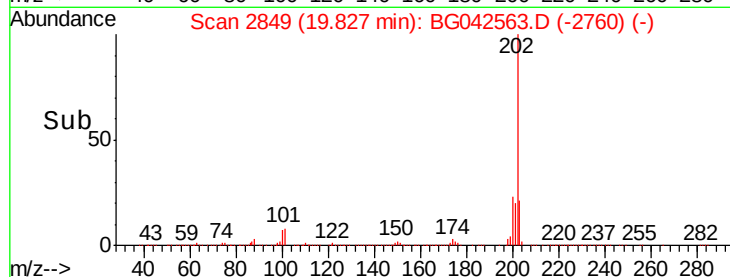
203 20.6 15.5 23.3



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: 68.802 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

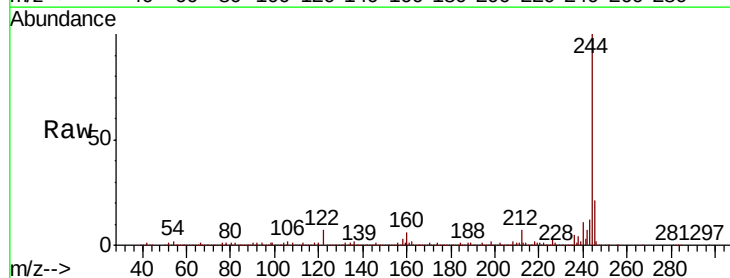
Tgt Ion:244 Resp: 783688

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

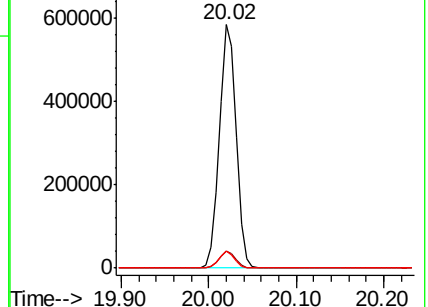
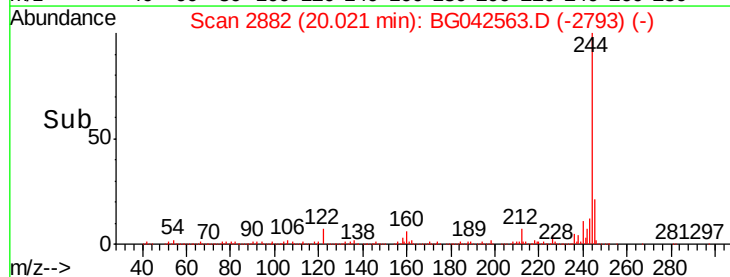
122 7.1 6.7 10.1

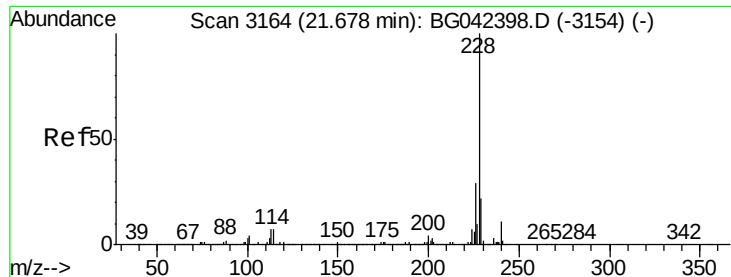


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 54.981 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

Instrument :

BNA_G

ClientSampleId :

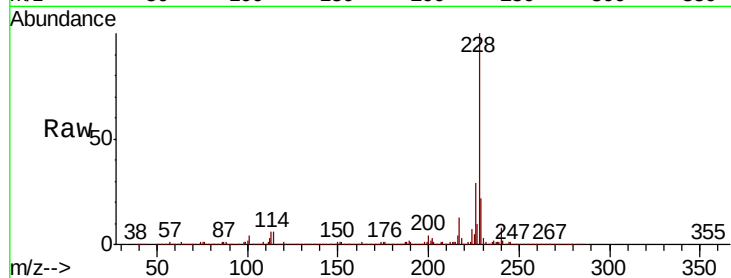
Tot Ion:228 Resp: 823610

Ion Ratio Lower Upper

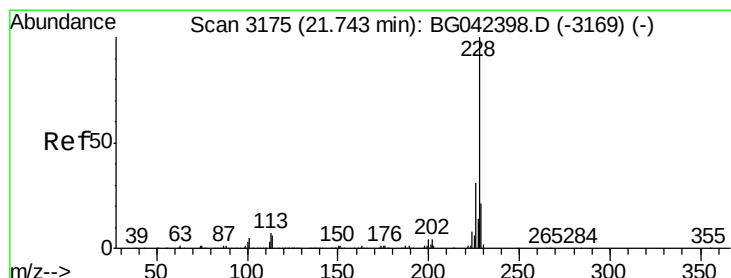
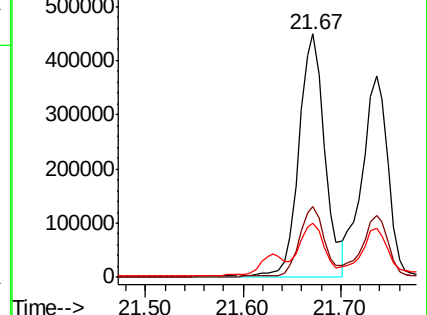
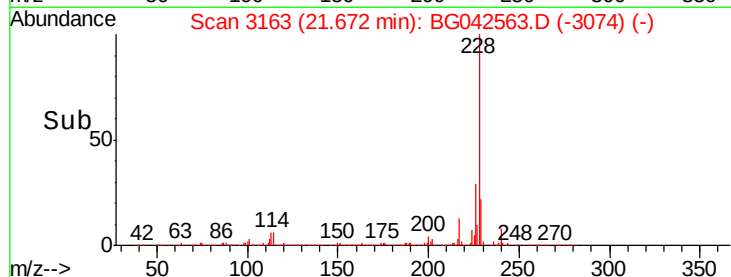
228 100

226 28.9 23.4 35.2

229 22.5 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E
600000 Ion 226.00 (225.70 to 226.70): E
500000 Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 47.112 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

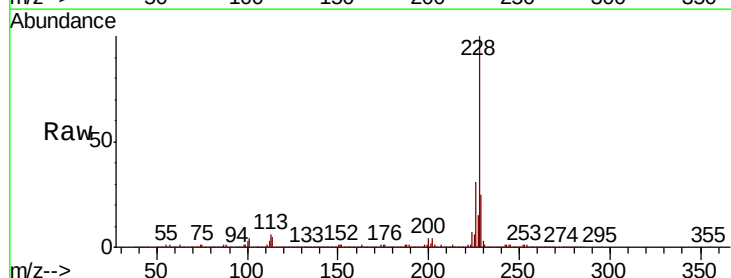
Tgt Ion:228 Resp: 680619

Ion Ratio Lower Upper

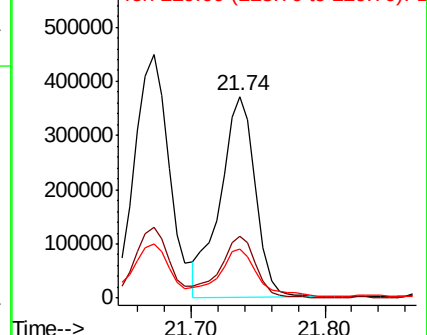
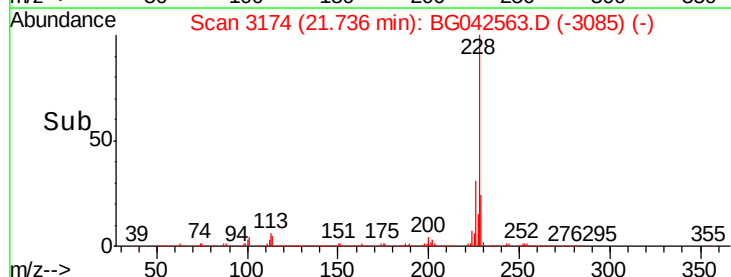
228 100

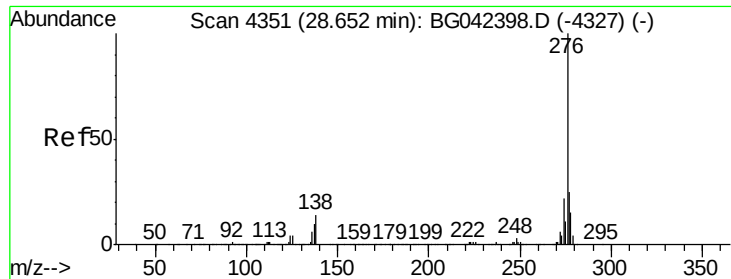
226 30.6 24.9 37.3

229 24.6 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
600000 Ion 226.00 (225.70 to 226.70): E
500000 Ion 229.00 (228.70 to 229.70): E





#86

Indeno(1,2,3-cd)pyrene

Concen: 23.978 ng

RT: 28.65 min Scan# 4350

Delta R.T. -0.01 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

Instrument :

BNA_G

ClientSampleId :

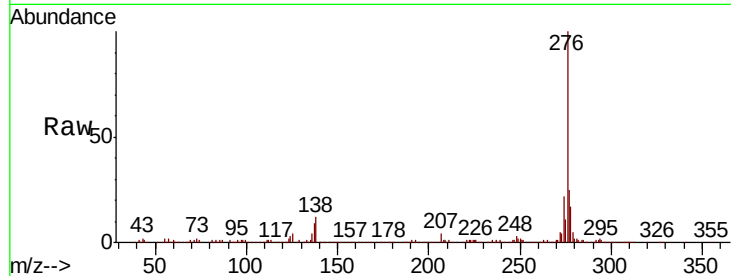
Tot Ion:276 Resp: 470756

Ion Ratio Lower Upper

276 100

138 12.8 9.2 13.8

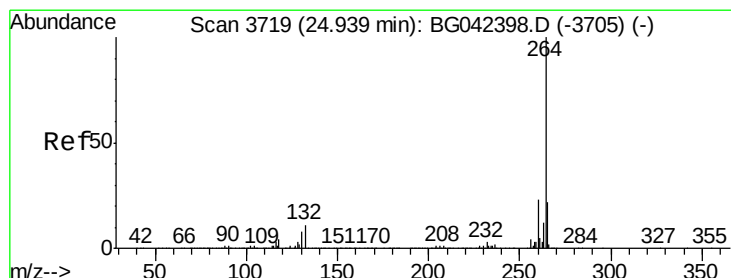
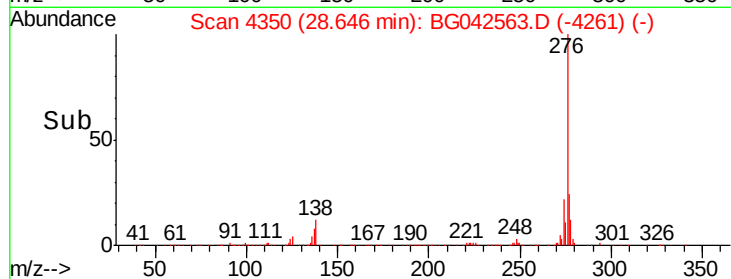
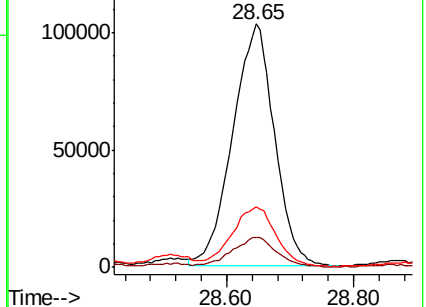
277 25.8 21.0 31.6



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

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

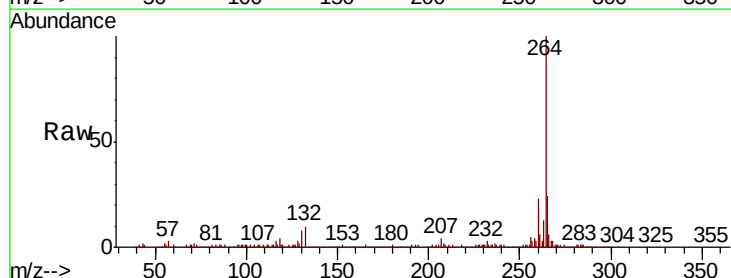
Tgt Ion:264 Resp: 302188

Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

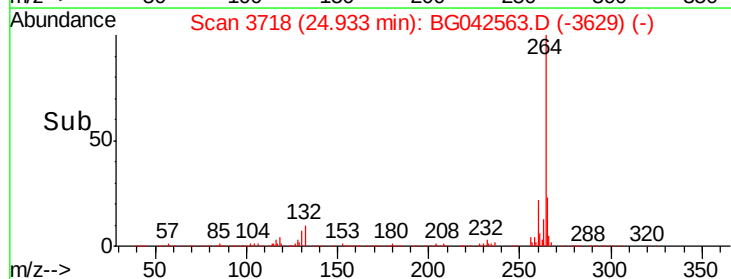
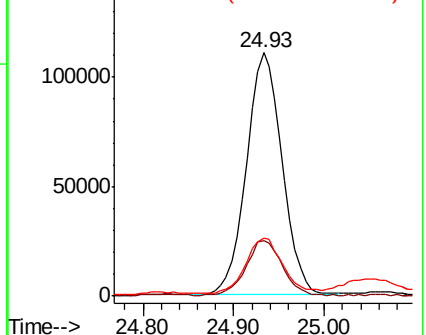
265 23.9 17.6 26.4

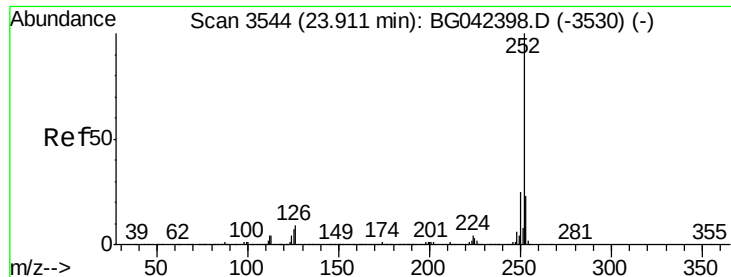


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

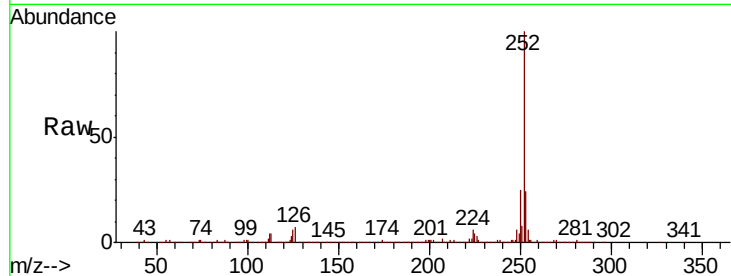




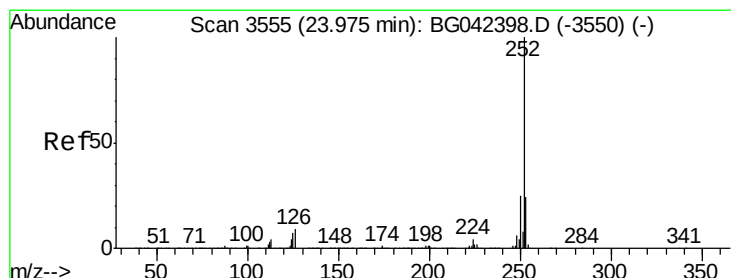
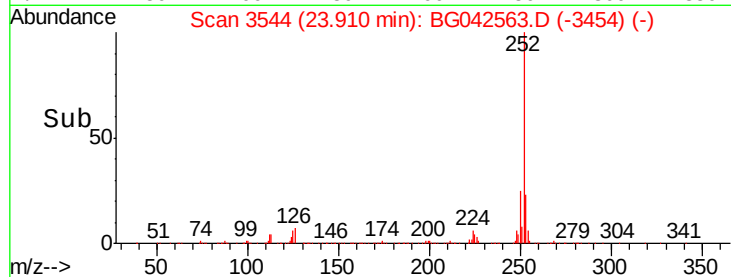
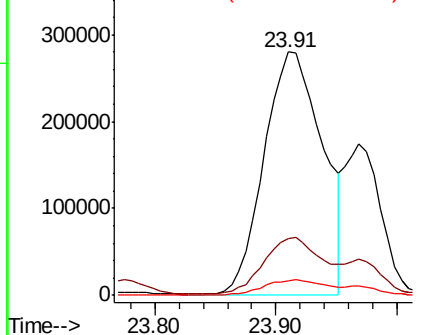
#88
Benzo(b)fluoranthene
Concen: 56.335 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG042563.D
Acq: 29 Aug 2019 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	27.8
125	6.1	5.6	8.4

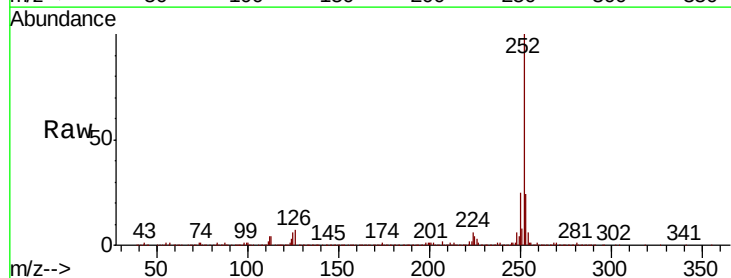


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

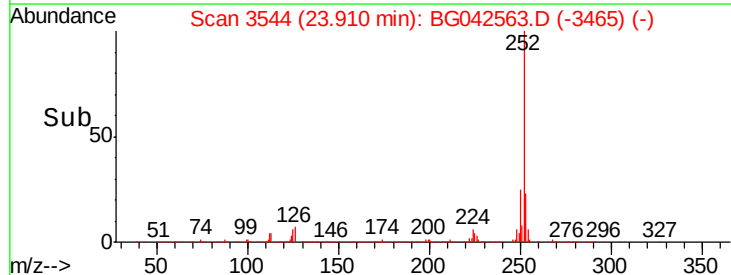
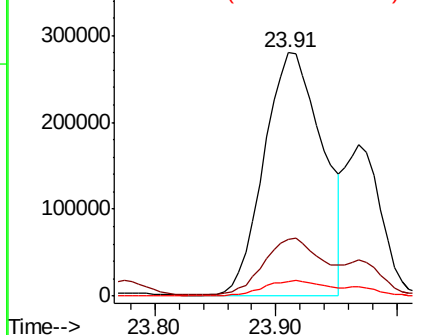


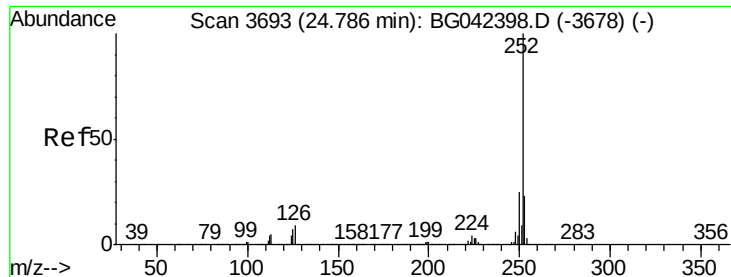
#89
Benzo(k)fluoranthene
Concen: 58.608 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.07 min
Lab File: BG042563.D
Acq: 29 Aug 2019 13:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	27.8
125	6.1	5.8	8.6



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





#90

Benzo(a)pyrene

Concen: 47.568 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

Instrument :

BNA_G

ClientSampleId :

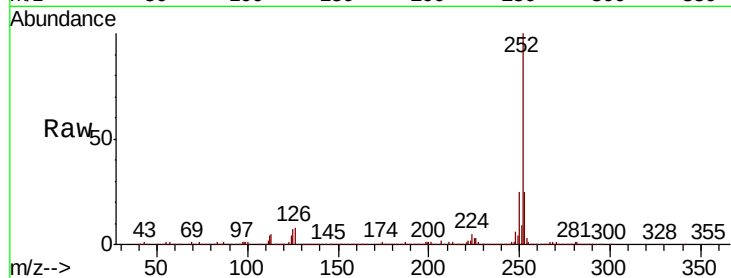
Tot Ion:252 Resp: 749879

Ion Ratio Lower Upper

252 100

253 25.3 18.4 27.6

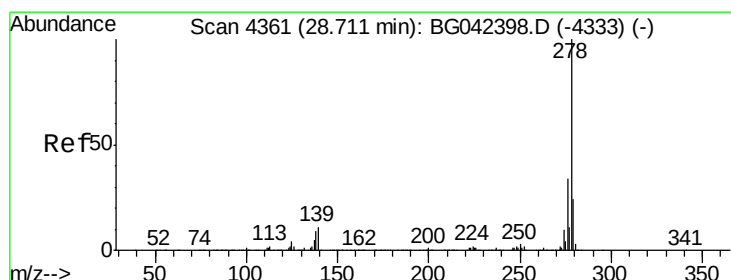
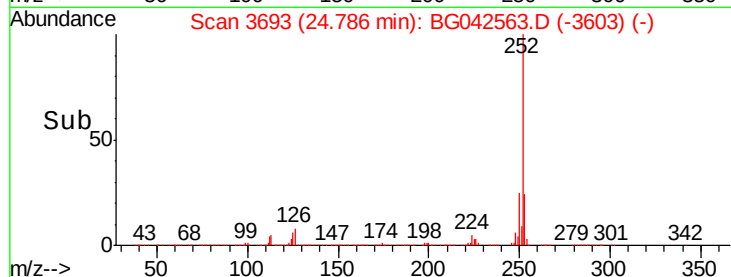
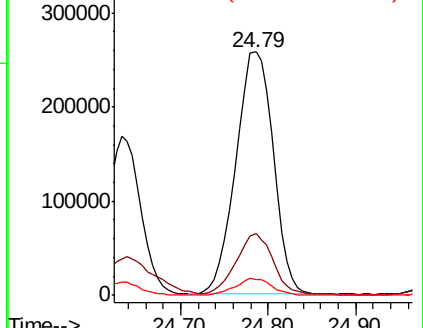
125 6.5 6.0 9.0



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



#91

Dibenzo(a,h)anthracene

Concen: 6.890 ng

RT: 29.12 min Scan# 4430

Delta R.T. 0.40 min

Lab File: BG042563.D

Acq: 29 Aug 2019 13:42

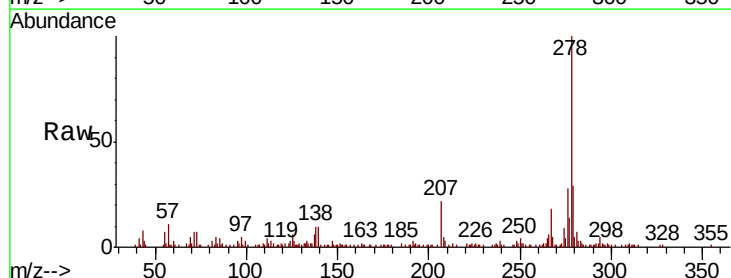
Tgt Ion:278 Resp: 109982

Ion Ratio Lower Upper

278 100

139 10.3 8.8 13.2

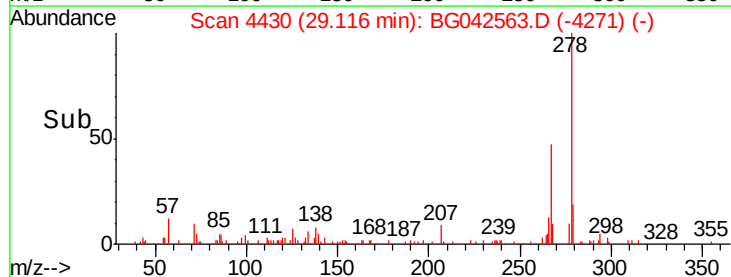
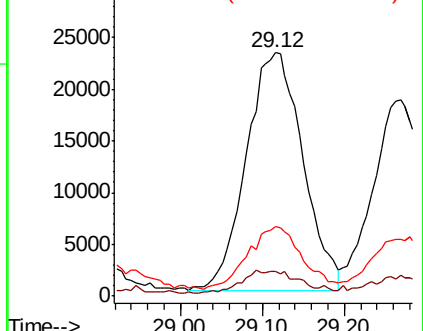
279 28.6 19.1 28.7

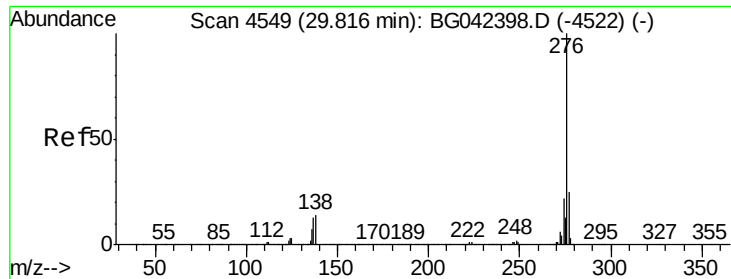


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 28.263 ng
 RT: 29.81 min Scan# 4548
 Delta R.T. -0.01 min
 Lab File: BG042563.D
 Acq: 29 Aug 2019 13:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	13.0	11.4	17.0

