

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
 Data File : BG042229.D
 Acq On : 15 Aug 2019 14:58
 Operator : HP/JU
 Sample : K4183-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG4

Quant Time: Aug 16 10:05:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	75836	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	302833	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	206363	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	409548	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	413855	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	497865	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	3195	1.84	ng/uL	0.00
5) Phenol-d5	7.19	99	78425	13.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	40427	12.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	74712	14.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	63993	12.81	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	35686	15.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	42658	16.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	81914	15.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	55992	9.44	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	247665	15.47	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	291228	15.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	27968	10.41	ng/ul	0.01
57) Fluorene-d10	15.68	176	221714	15.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	9291	3.54	ng/ul	0.00
70) Anthracene-d10	17.54	188	322812	16.43	ng/ul	0.00
78) Pyrene-d10	19.82	212	362151	15.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	420838	16.18	ng/ul	0.01

Target Compounds

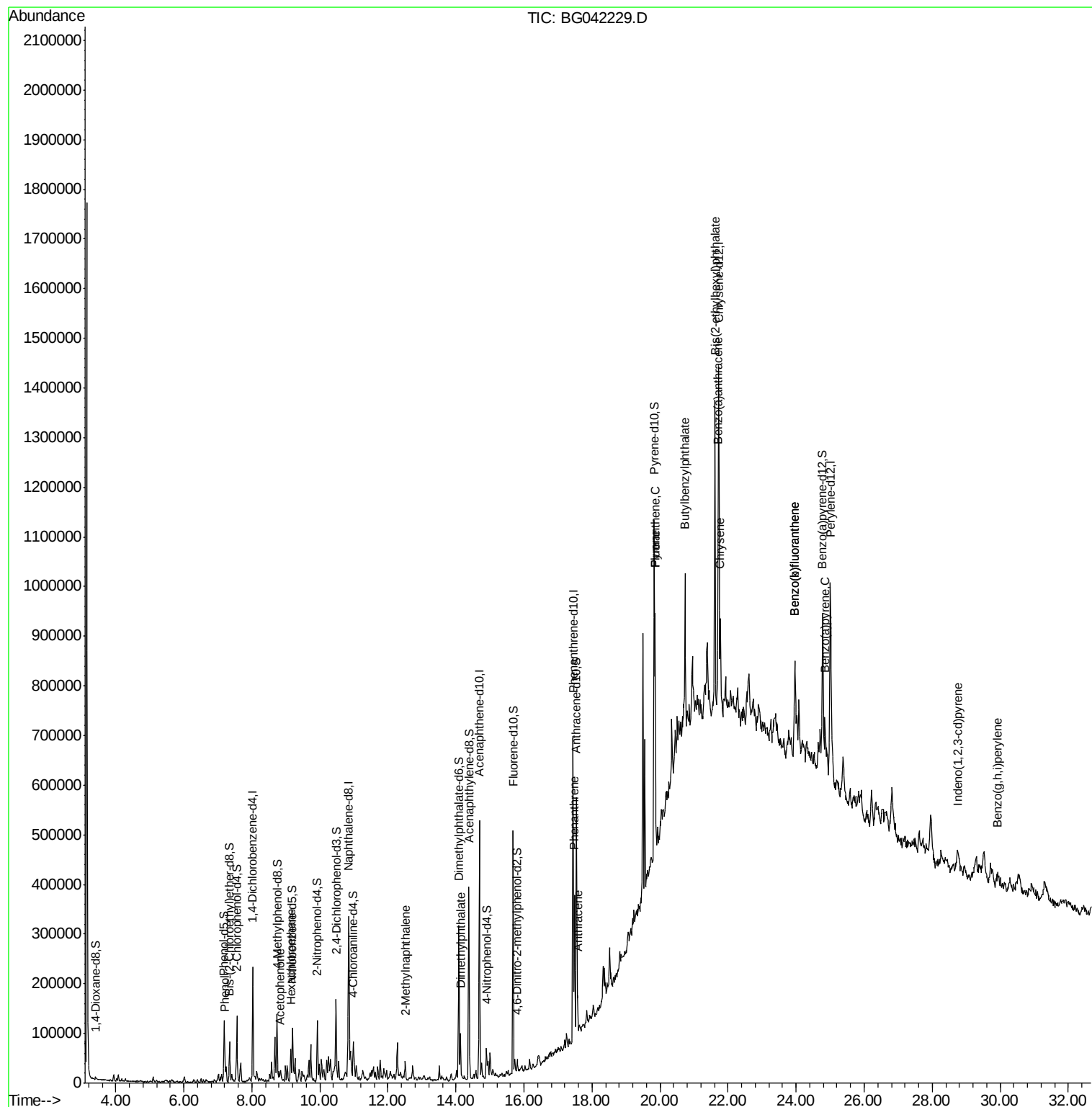
					Ovalue	
6) Phenol	7.21	94	11347	1.847	ng/ul	96
14) Acetophenone	8.84	105	19420	2.527	ng/ul#	44
17) Hexachloroethane	9.15	117	4938	2.312	ng/ul#	1
34) 2-Methylnaphthalene	12.51	142	20598	1.674	ng/ul	98
44) Dimethylphthalate	14.13	163	68304	4.298	ng/ul	98
69) Phenanthrene	17.48	178	188016	8.386	ng/ul	99
71) Anthracene	17.57	178	54807	2.410	ng/ul	98
76) Fluoranthene	19.85	202	322337	12.443	ng/ul	99
79) Pvrene	19.85	202	322337	11.579	ng/ul	97
80) Butylbenzylphthalate	20.74	149	95759	8.739	ng/ul	96
82) Benzo(a)anthracene	21.70	228	155063	5.404	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	272567	18.231	ng/ul	99
84) Chrysene	21.77	228	154574	5.772	ng/ul	95
87) Benzo(b)fluoranthene	23.96	252	202384	6.478	ng/ul#	90
88) Benzo(k)fluoranthene	23.96	252	202384	6.737	ng/ul#	90
90) Benzo(a)pyrene	24.85	252	144647	4.858	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	28.75	276	82710	2.382	ng/ul#	90
93) Benzo(g,h,i)perylene	29.92	276	75027	2.588	ng/ul	92

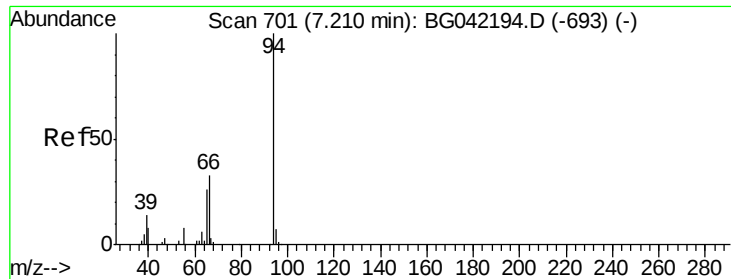
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042229.D
Acq On : 15 Aug 2019 14:58
Operator : HP/JU
Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AG4

Quant Time: Aug 16 10:05:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration





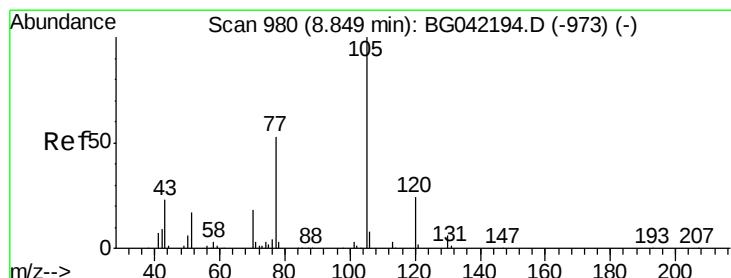
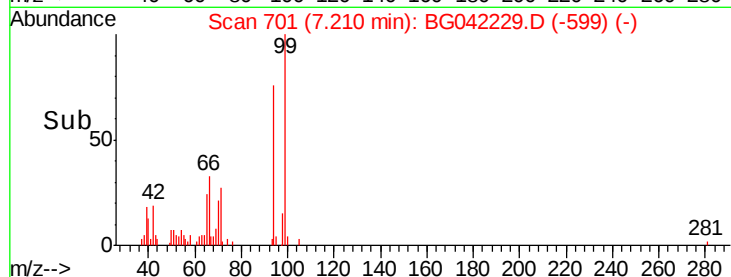
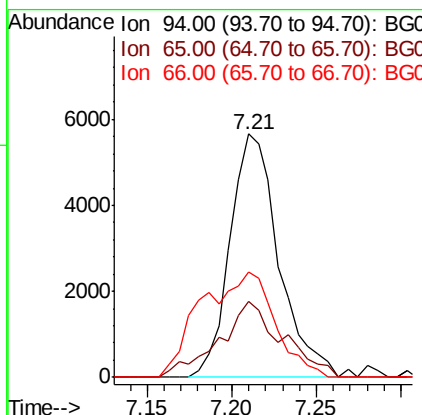
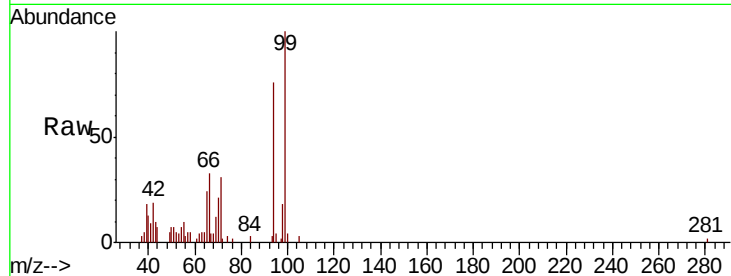
#6

Phenol

Concen: 1.847 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BG042229.D
 Acq: 15 Aug 2019 14:58

Instrument :
 BNA_G
 ClientSampleId :
 C0AG4

Tot Ion	94	Resp	11347
Ion Ratio	Lower	Upper	
94	100		
65	31.3	25.8	38.6
66	43.3	31.8	47.8

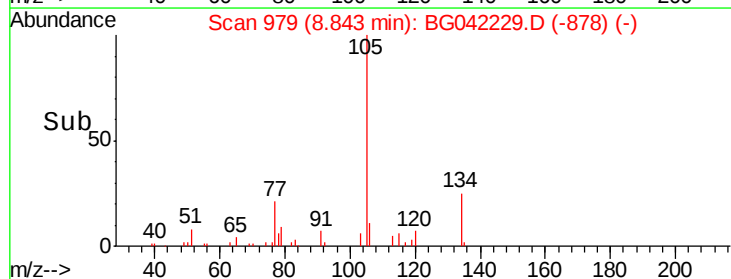
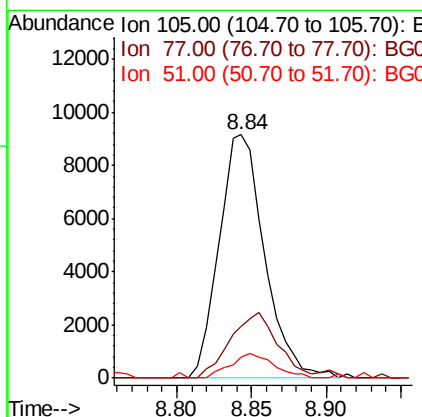
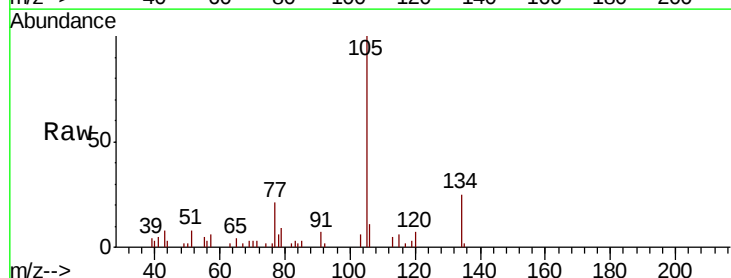


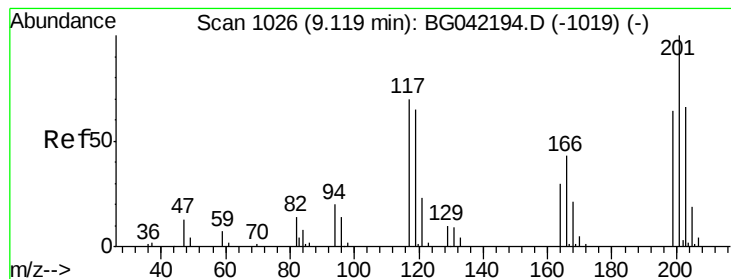
#14

Acetophenone

Concen: 2.527 ng/ul
 RT: 8.84 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BG042229.D
 Acq: 15 Aug 2019 14:58

Tgt Ion	105	Resp	19420
Ion Ratio	Lower	Upper	
105	100		
77	21.5	60.0	90.0#
51	8.5	22.1	33.1#

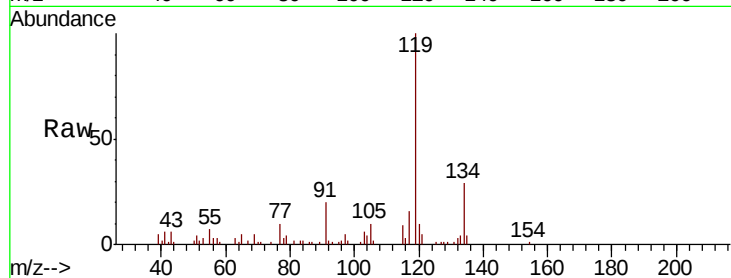




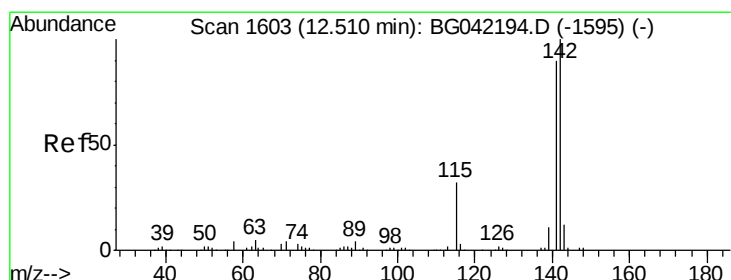
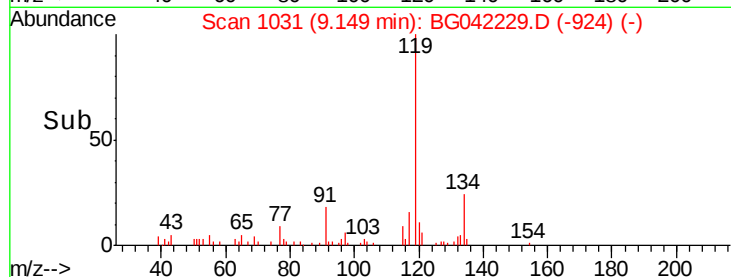
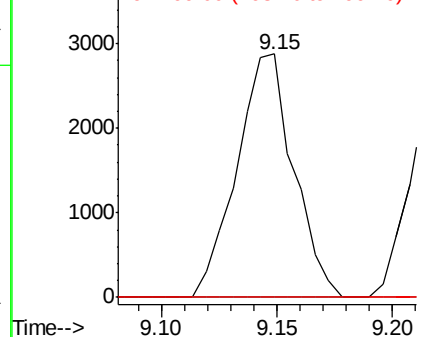
#17
Hexachloroethane
Concen: 2.312 ng/ul
RT: 9.15 min Scan# 1031
Delta R.T. 0.03 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Instrument :
BNA_G
ClientSampleId :
C0AG4

Tot Ion:117 Resp: 4938
Ion Ratio Lower Upper
117 100
201 0.0 103.4 155.2#
199 0.0 62.9 94.3#

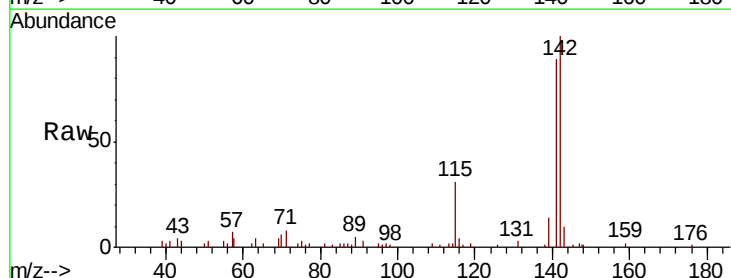


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

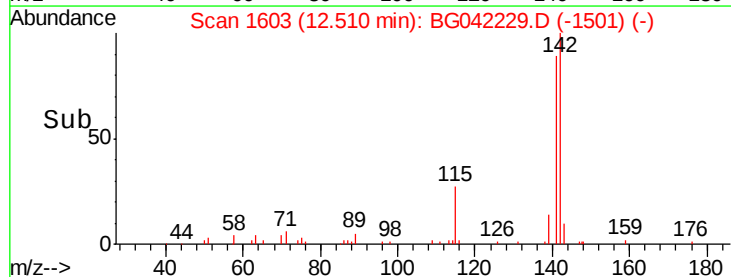
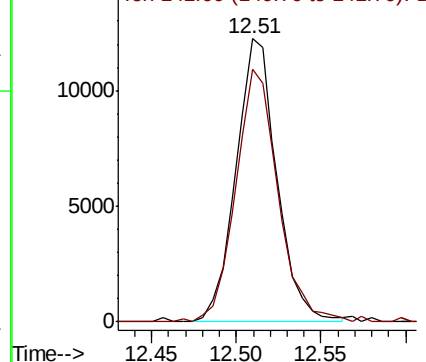


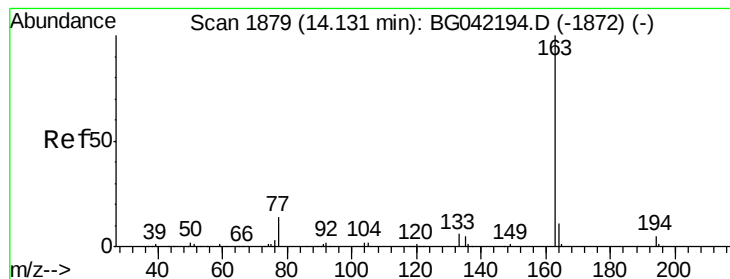
#34
2-Methylnaphthalene
Concen: 1.674 ng/ul
RT: 12.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BG042229.D
Acq: 15 Aug 2019 14:58

Tgt Ion:142 Resp: 20598
Ion Ratio Lower Upper
142 100
141 89.1 72.9 109.3



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





#44

Dimethylphthalate

Concen: 4.298 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG042229.D

Acq: 15 Aug 2019 14:58

Instrument :

BNA_G

ClientSampleId :

C0AG4

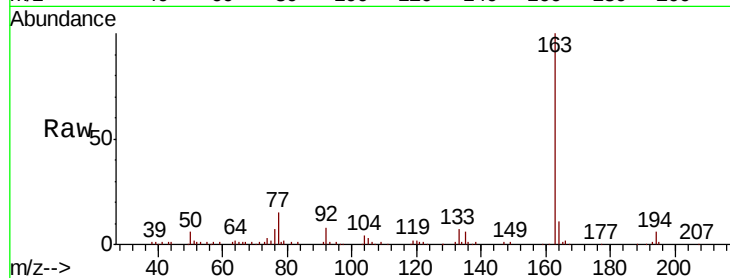
Tot Ion:163 Resp: 68304

Ion Ratio Lower Upper

163 100

194 5.8 4.2 6.2

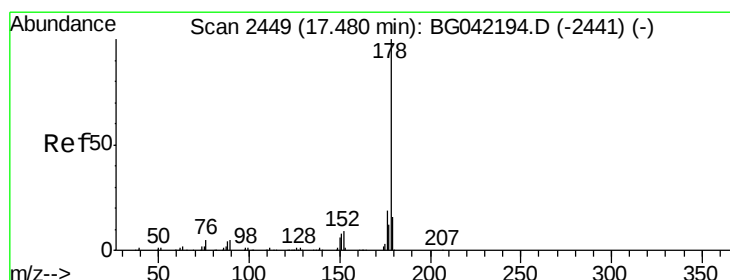
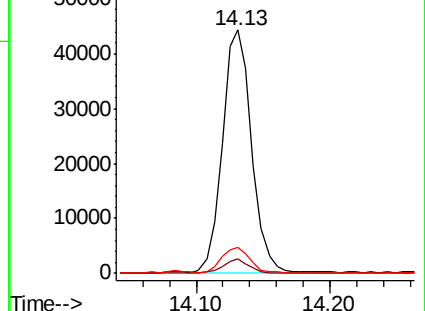
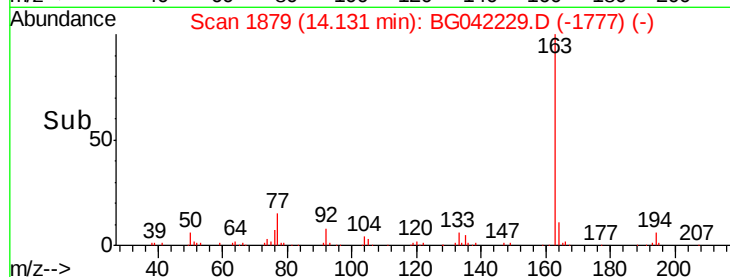
164 10.5 7.8 11.8



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



#69

Phenanthrene

Concen: 8.386 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG042229.D

Acq: 15 Aug 2019 14:58

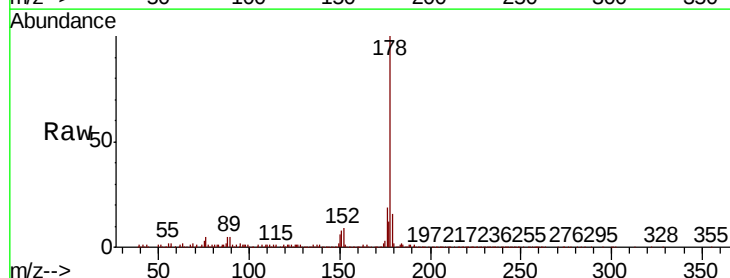
Tgt Ion:178 Resp: 188016

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

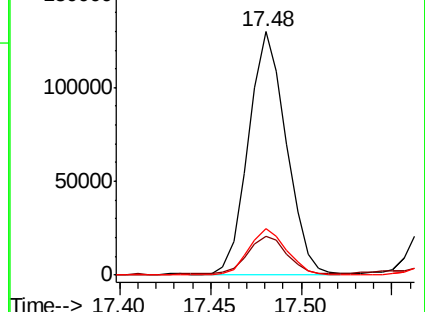
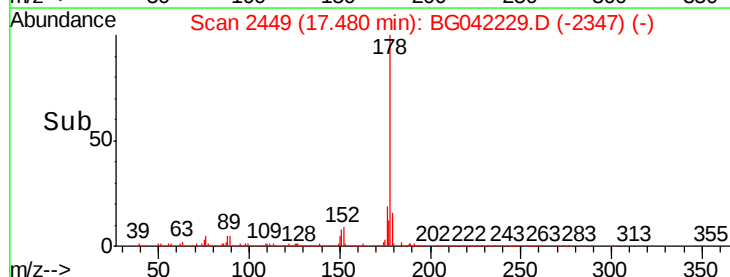
176 18.9 15.4 23.2

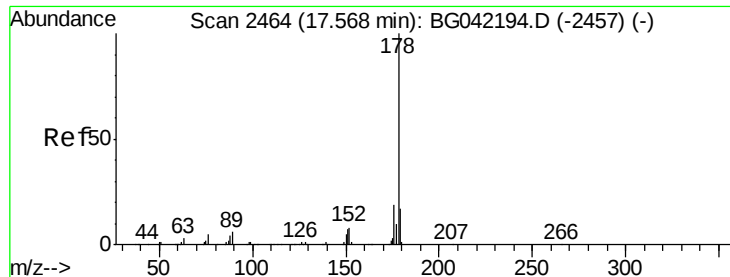


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

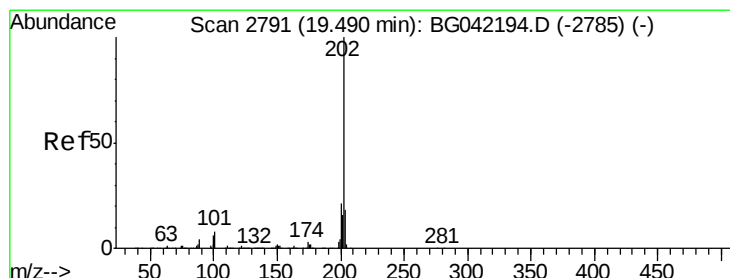
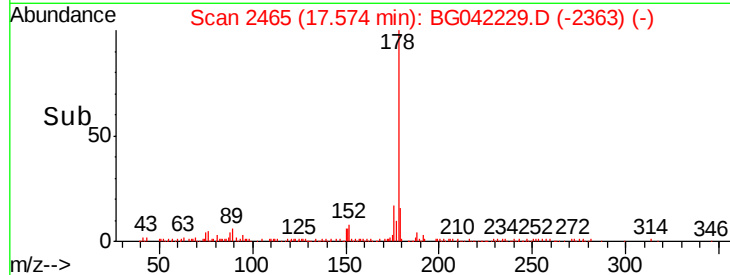
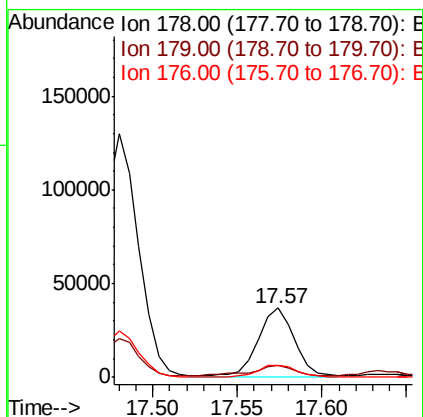
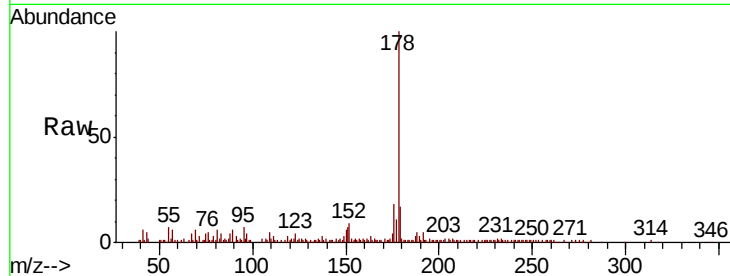




#71
 Anthracene
 Concen: 2.410 ng/ul
 RT: 17.57 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BG042229.D
 Acq: 15 Aug 2019 14:58

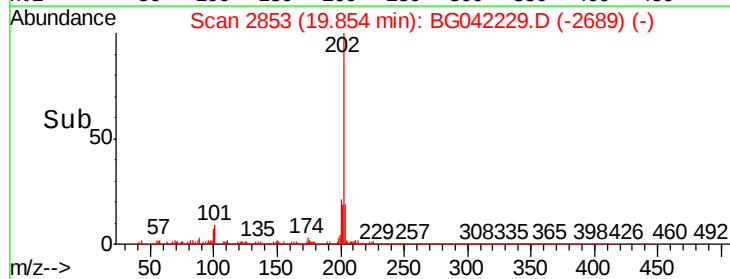
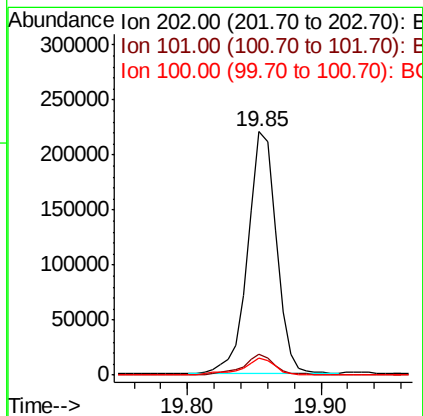
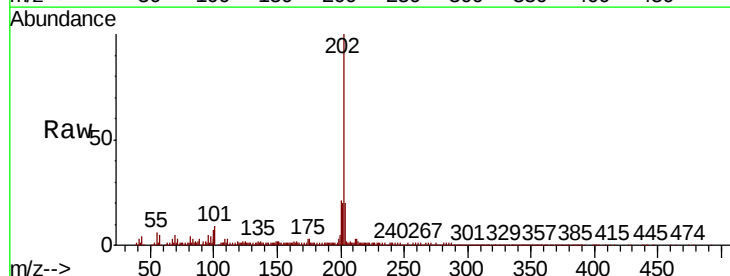
Instrument :
 BNA_G
 ClientSampleId :
 C0AG4

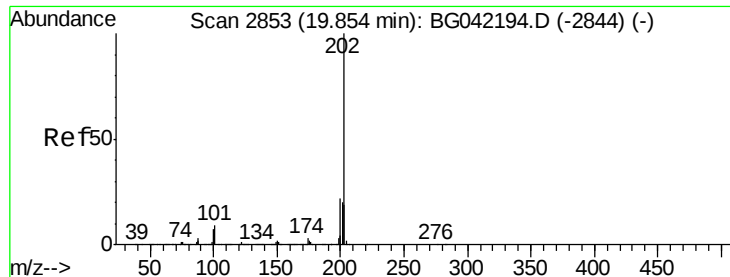
Tot Ion:178 Resp: 54807
 Ion Ratio Lower Upper
 178 100
 179 17.0 13.4 20.0
 176 17.6 15.4 23.2



#76
 Fluoranthene
 Concen: 12.443 ng/ul
 RT: 19.85 min Scan# 2853
 Delta R.T. 0.36 min
 Lab File: BG042229.D
 Acq: 15 Aug 2019 14:58

Tgt Ion:202 Resp: 322337
 Ion Ratio Lower Upper
 202 100
 101 8.7 6.7 10.1
 100 7.0 5.3 7.9





#79

Pvrene

Concen: 11.579 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG042229.D

Acq: 15 Aug 2019 14:58

Instrument :

BNA_G

ClientSampleId :

C0AG4

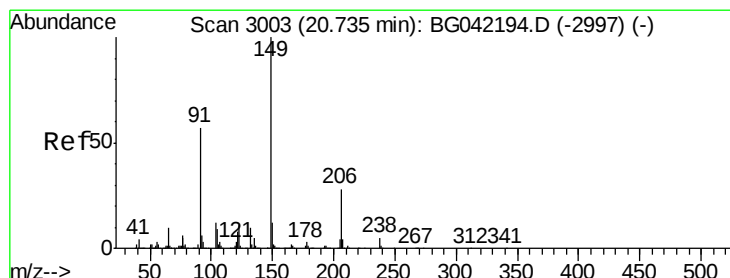
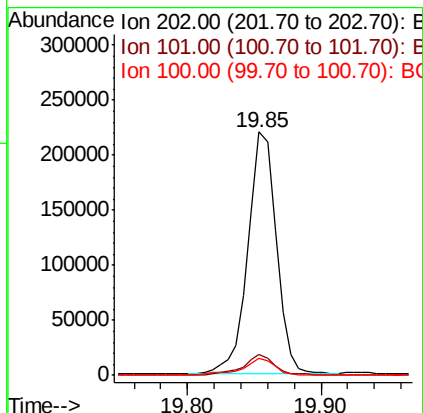
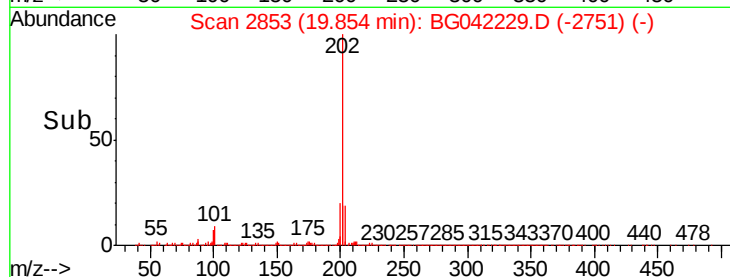
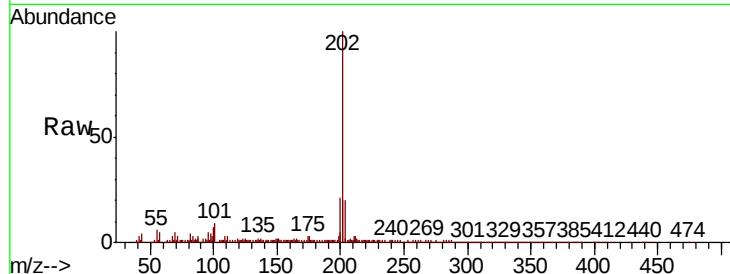
Tot Ion:202 Resp: 322337

Ion Ratio Lower Upper

202 100

101 8.7 7.6 11.4

100 7.0 6.5 9.7



#80

Butylbenzylphthalate

Concen: 8.739 ng/ul

RT: 20.74 min Scan# 3003

Delta R.T. 0.00 min

Lab File: BG042229.D

Acq: 15 Aug 2019 14:58

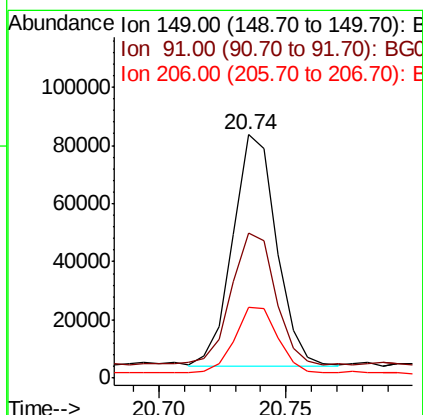
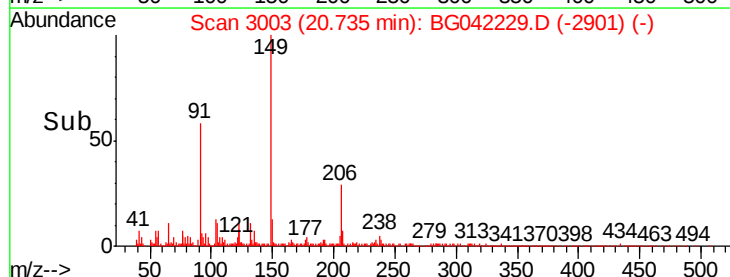
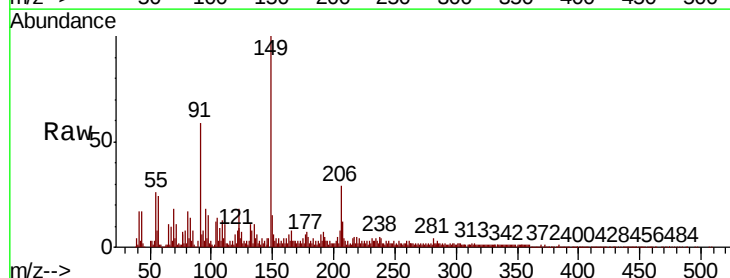
Tgt Ion:149 Resp: 95759

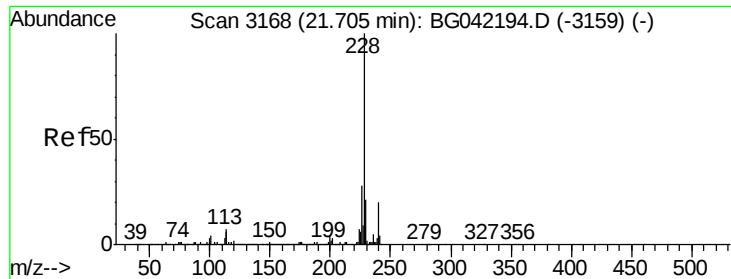
Ion Ratio Lower Upper

149 100

91 59.4 49.5 74.3

206 29.1 21.3 31.9





#82

Benzo(a)anthracene

Concen: 5.404 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG042229.D

Acq: 15 Aug 2019 14:58

Instrument :

BNA_G

ClientSampleId :

C0AG4

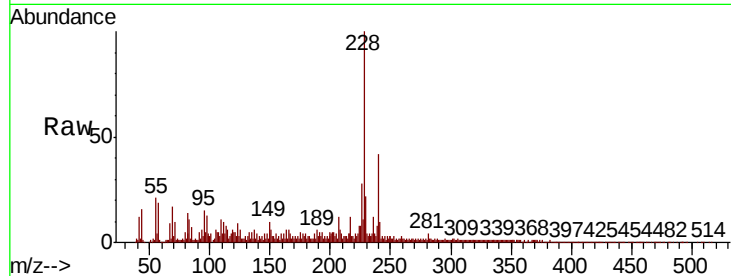
Tot Ion:228 Resp: 155063

Ion Ratio Lower Upper

228 100

229 22.1 17.0 25.6

226 28.0 23.3 34.9

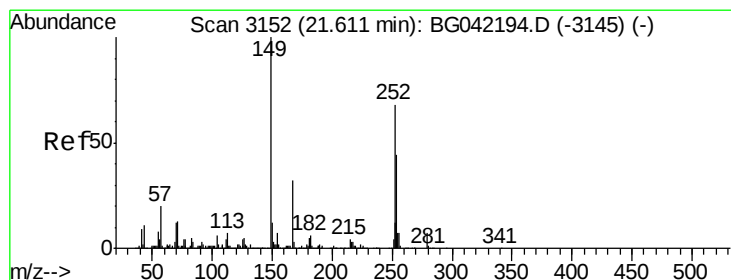
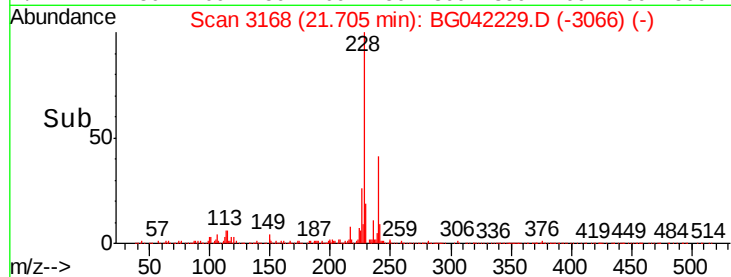
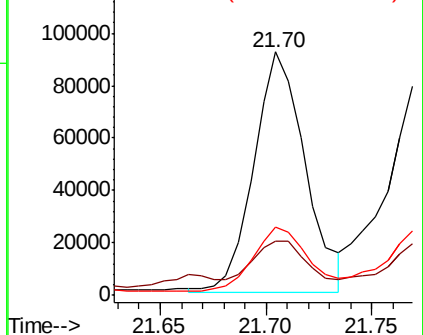


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 18.231 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG042229.D

Acq: 15 Aug 2019 14:58

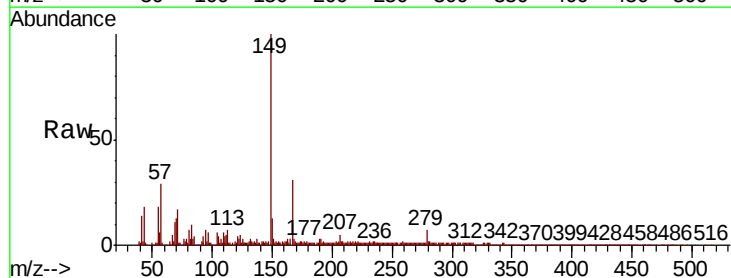
Tgt Ion:149 Resp: 272567

Ion Ratio Lower Upper

149 100

167 31.4 25.0 37.4

279 7.1 5.2 7.8

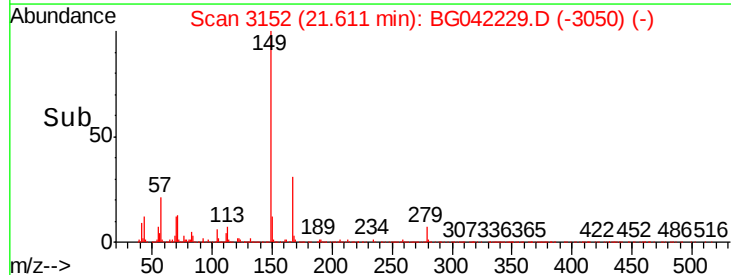
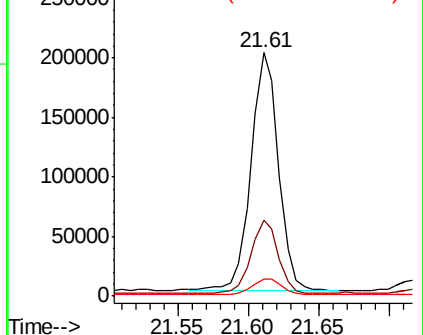


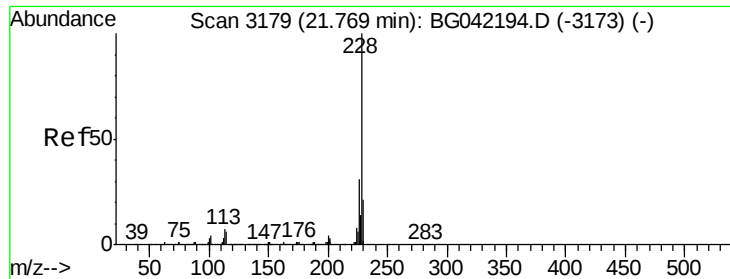
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 5.772 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG042229.D

Acq: 15 Aug 2019 14:58

Instrument :

BNA_G

ClientSampleId :

C0AG4

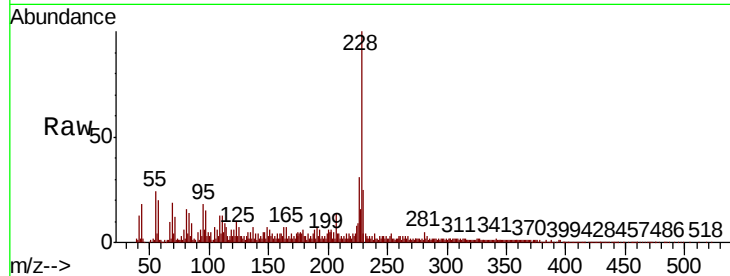
Tot Ion:228 Resp: 154574

Ion Ratio Lower Upper

228 100

226 31.0 25.7 38.5

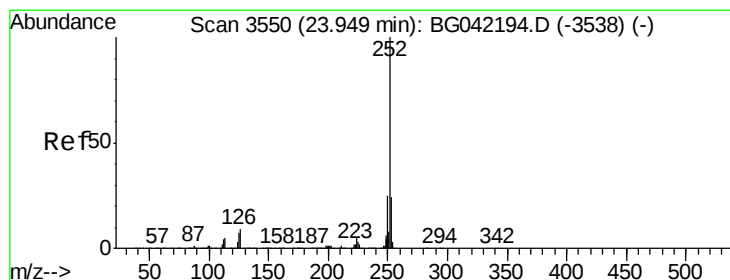
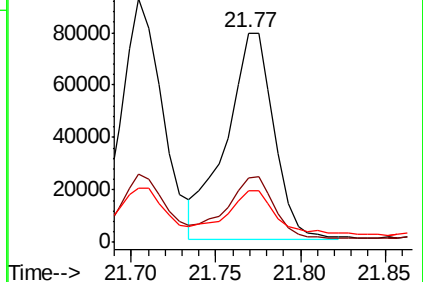
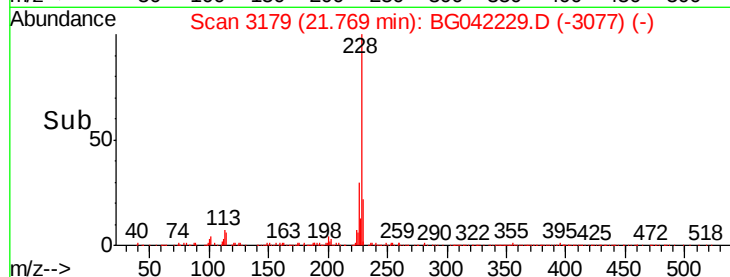
229 24.8 16.6 24.8



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



#87

Benzo(b)fluoranthene

Concen: 6.478 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042229.D

Acq: 15 Aug 2019 14:58

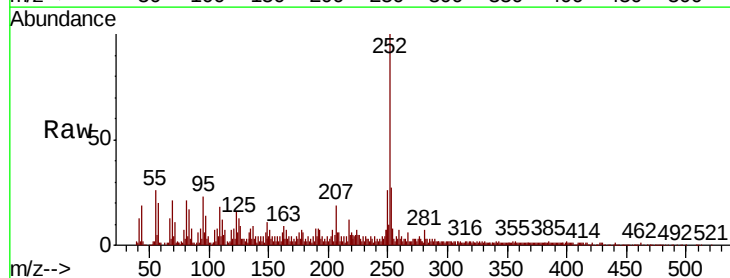
Tgt Ion:252 Resp: 202384

Ion Ratio Lower Upper

252 100

253 26.5 18.4 27.6

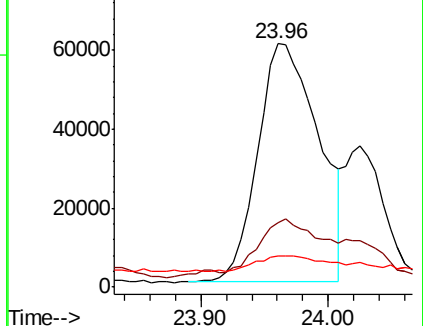
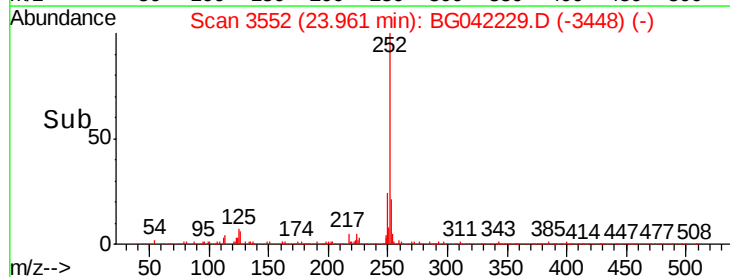
125 13.0 5.8 8.8#

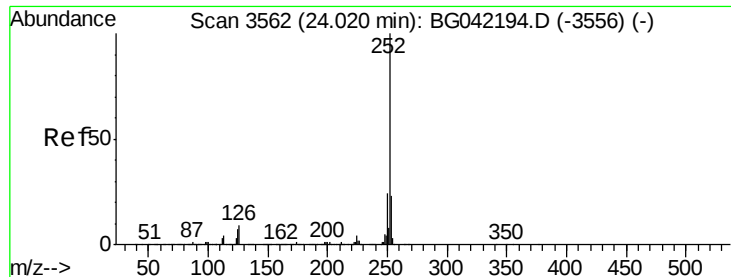


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 6.737 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. -0.05 min

Lab File: BG042229.D

Acq: 15 Aug 2019 14:58

Instrument :

BNA_G

ClientSampleId :

C0AG4

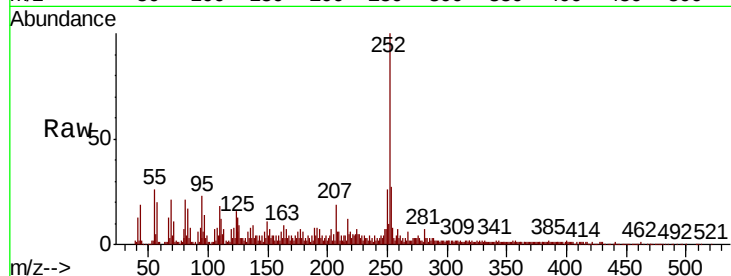
Tot Ion:252 Resp: 202384

Ion Ratio Lower Upper

252 100

253 26.5 18.3 27.5

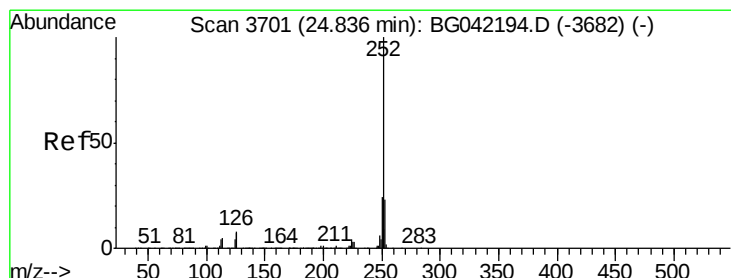
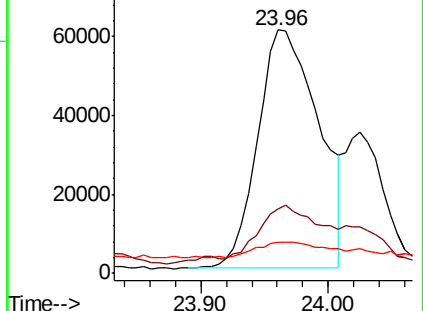
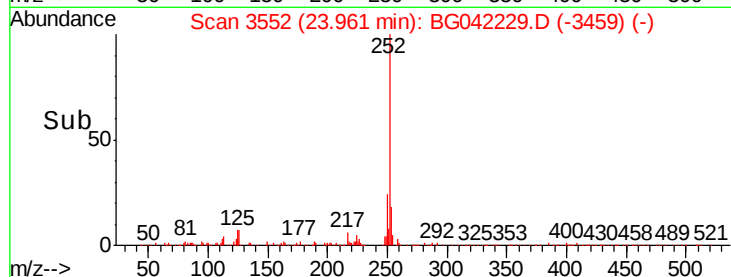
125 13.0 5.5 8.3#



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: 4.858 ng/ul

RT: 24.85 min Scan# 3703

Delta R.T. 0.01 min

Lab File: BG042229.D

Acq: 15 Aug 2019 14:58

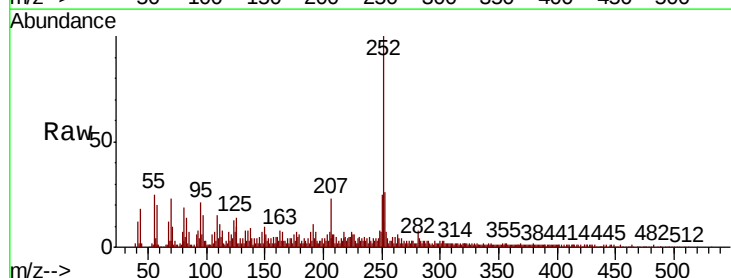
Tgt Ion:252 Resp: 144647

Ion Ratio Lower Upper

252 100

253 26.2 18.3 27.5

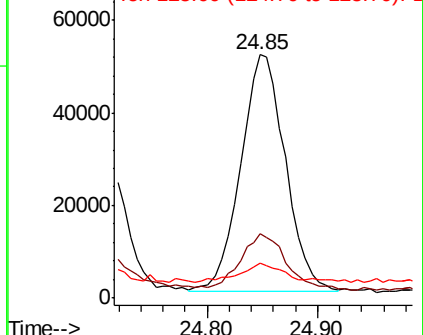
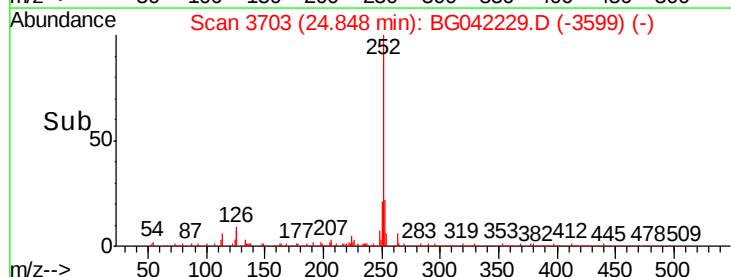
125 14.3 6.5 9.7#

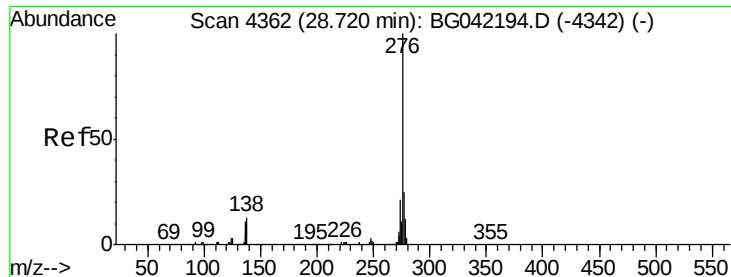


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 2.382 ng/ul

RT: 28.75 min Scan# 4367

Delta R.T. 0.04 min

Lab File: BG042229.D

Acq: 15 Aug 2019 14:58

Instrument :

BNA_G

ClientSampleId :

C0AG4

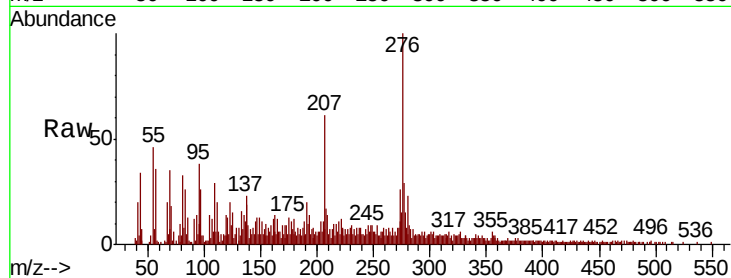
Tot Ion:276 Resp: 82710

Ion Ratio Lower Upper

276 100

138 18.9 12.0 18.0#

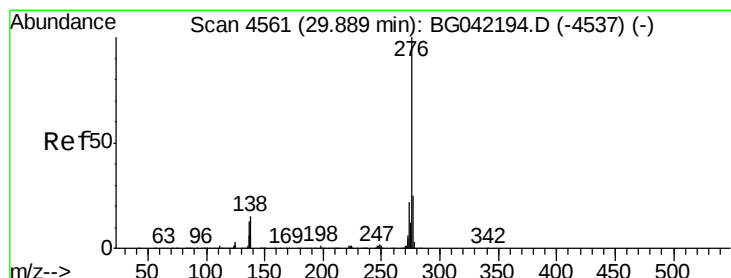
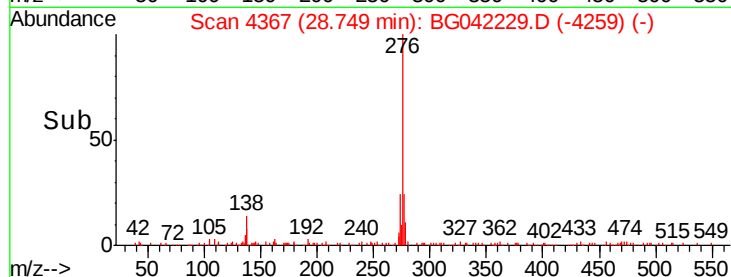
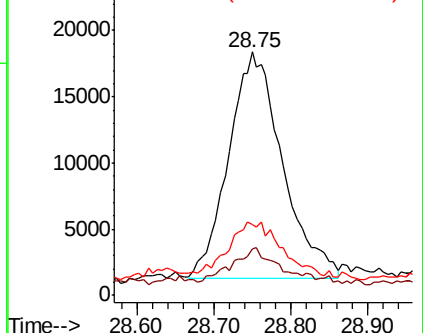
277 29.0 19.2 28.8#



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



#93

Benzo(g,h,i)perylene

Concen: 2.588 ng/ul

RT: 29.92 min Scan# 4566

Delta R.T. 0.04 min

Lab File: BG042229.D

Acq: 15 Aug 2019 14:58

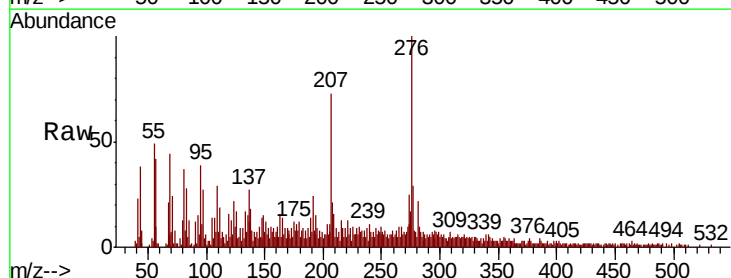
Tgt Ion:276 Resp: 75027

Ion Ratio Lower Upper

276 100

138 17.8 12.6 18.8

277 28.8 19.2 28.8



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

