

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042115.D
 Acq On : 9 Aug 2019 23:23
 Operator : HP/JU
 Sample : K4041-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 10 02:32:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 16:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	79905	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	334650	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	233622	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	478619	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	472211	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	554460	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	5464	2.99	ng/uL	0.00
5) Phenol-d5	7.19	99	123939	19.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	63831	18.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	114467	21.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	90021	17.10	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	58452	23.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	72424	24.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	135434	22.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	126087	19.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	424813	23.45	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	482293	23.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	48139	15.82	ng/ul	0.00
57) Fluorene-d10	15.68	176	370252	22.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	61554	20.05	ng/ul	0.00
70) Anthracene-d10	17.54	188	539984	23.52	ng/ul	0.00
78) Pyrene-d10	19.83	212	621717	23.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	706060	24.38	ng/ul	0.00

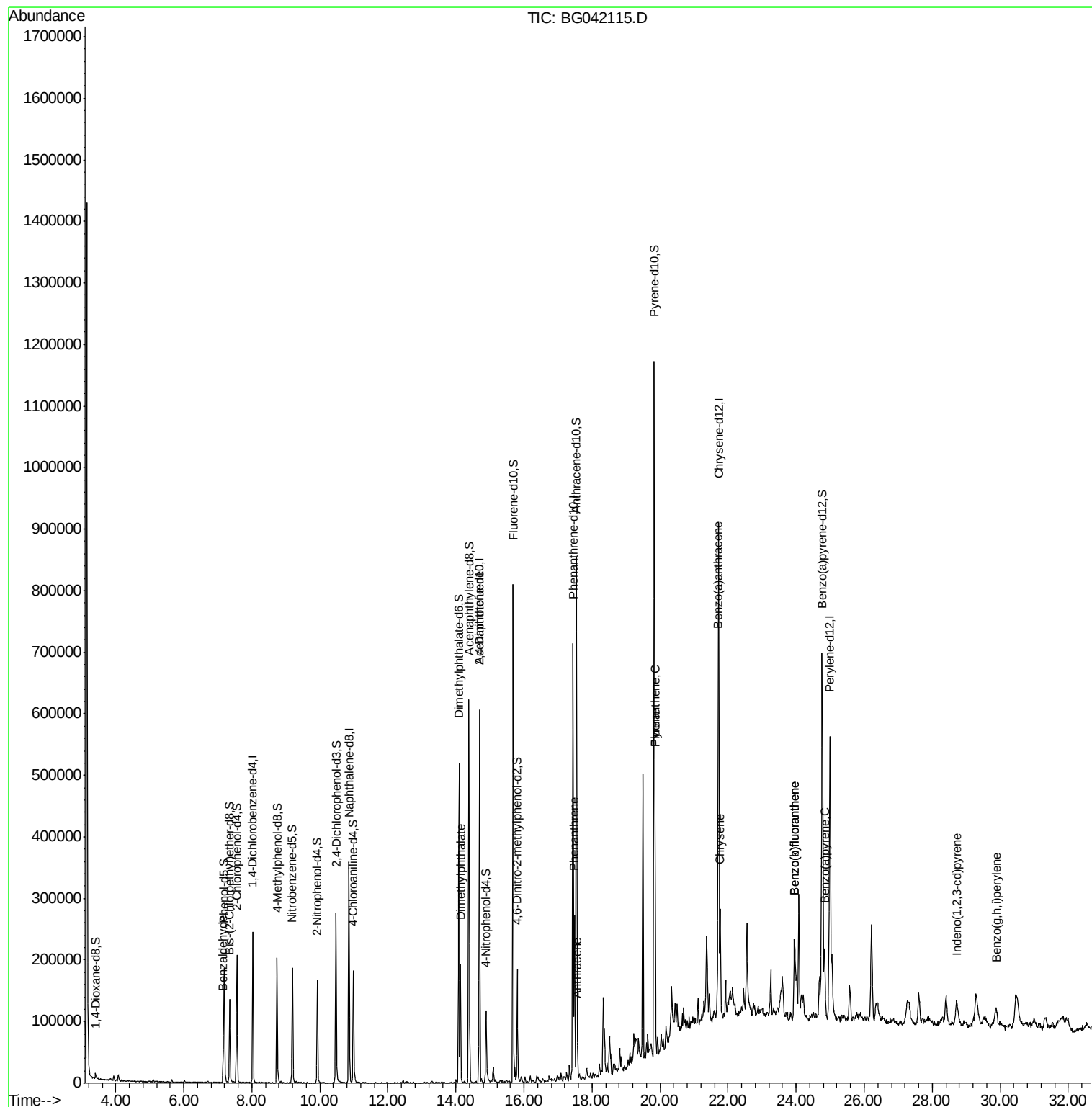
Target Compounds				Ovalue		
4) Benzaldehyde	7.16	77	15180	5.123	ng/ul	89
44) Dimethylphthalate	14.13	163	143226	7.961	ng/ul	98
54) 2,4-Dinitrotoluene	14.69	165	30914	5.433	ng/ul#	42
69) Phenanthrene	17.48	178	182274	6.956	ng/ul	99
71) Anthracene	17.57	178	34920	1.314	ng/ul	99
76) Fluoranthene	19.85	202	266792	8.812	ng/ul	99
79) Pyrene	19.85	202	266792	8.399	ng/ul	96
82) Benzo(a)anthracene	21.70	228	144276	4.407	ng/ul	99
84) Chrysene	21.77	228	136097	4.454	ng/ul	96
87) Benzo(b)fluoranthene	23.95	252	177968	5.115	ng/ul	97
88) Benzo(k)fluoranthene	23.95	252	177968	5.320	ng/ul	97
90) Benzo(a)pyrene	24.84	252	131508	3.966	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.71	276	82361	2.130	ng/ul	97
93) Benzo(g,h,i)perylene	29.88	276	70775	2.192	ng/ul	96

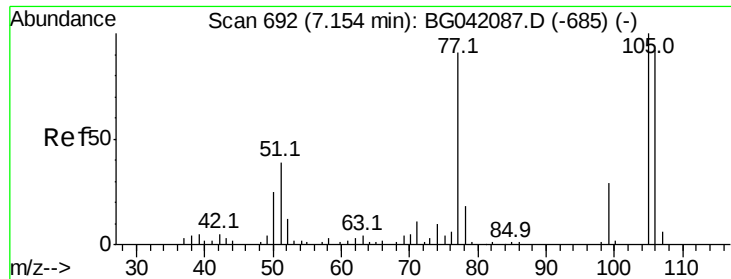
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 5.123 ng/ul

RT: 7.16 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG042115.D

Acq: 9 Aug 2019 23:23

Instrument :

BNA_G

ClientSampleId :

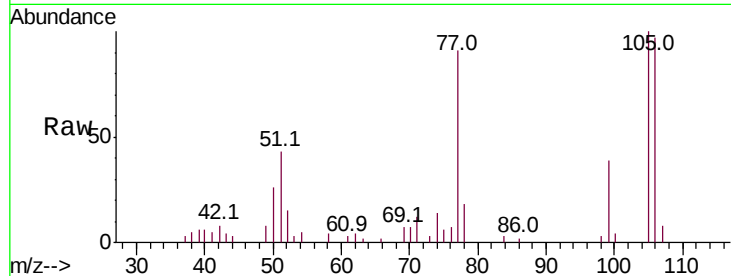
Tot Ion: 77 Resp: 15180

Ion Ratio Lower Upper

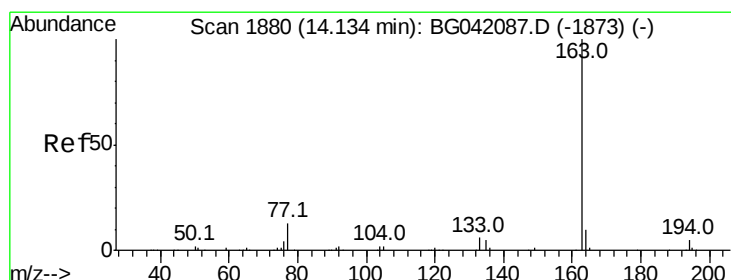
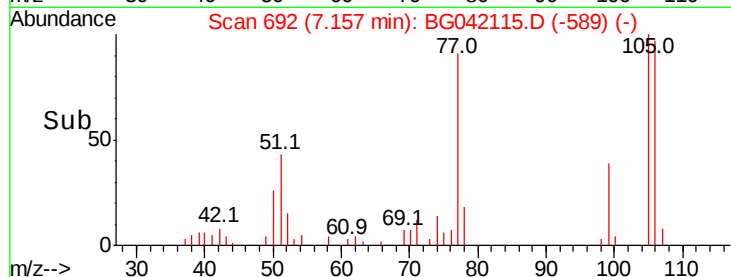
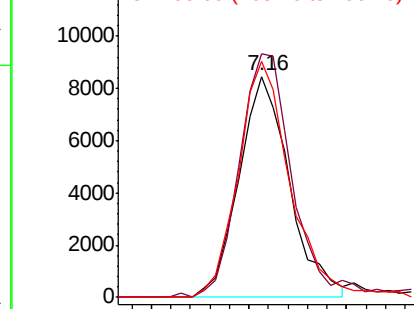
77 100

105 110.2 80.7 121.1

106 106.9 76.3 114.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#44

Dimethylphthalate

Concen: 7.961 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG042115.D

Acq: 9 Aug 2019 23:23

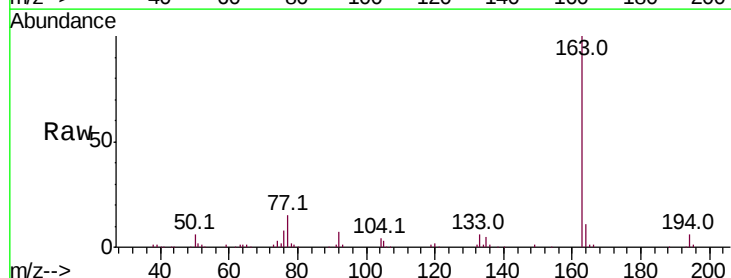
Tgt Ion:163 Resp: 143226

Ion Ratio Lower Upper

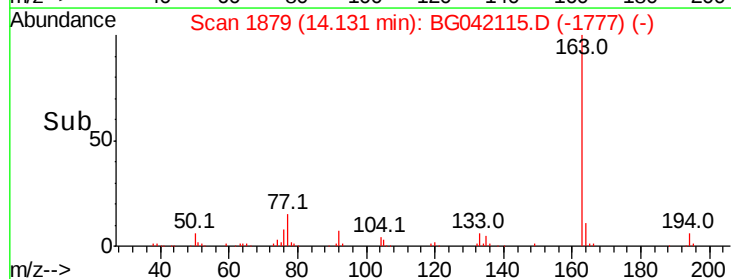
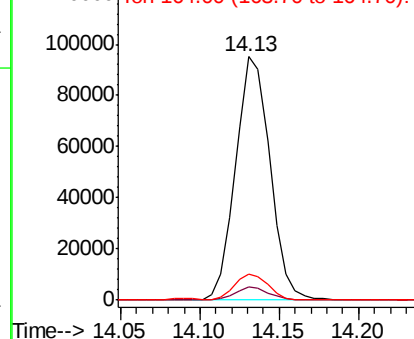
163 100

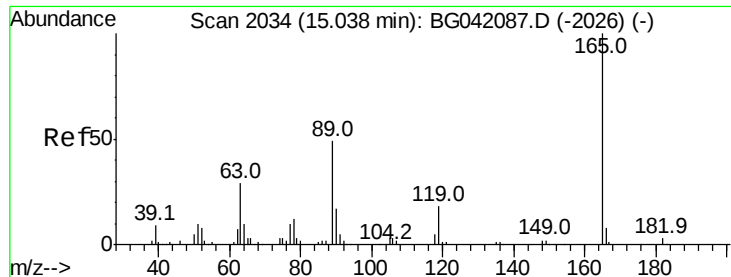
194 5.6 4.2 6.2

164 10.6 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

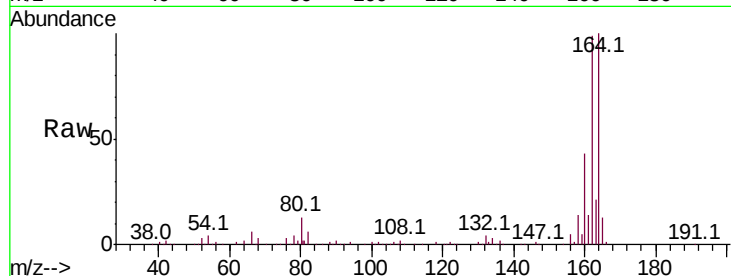




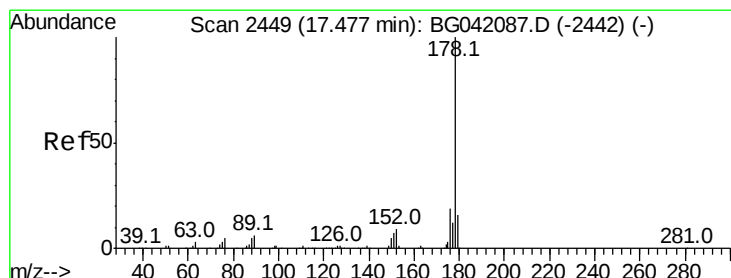
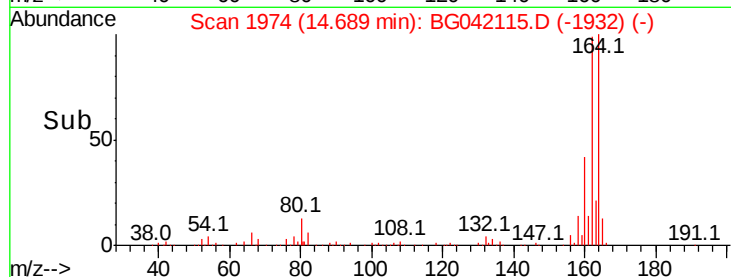
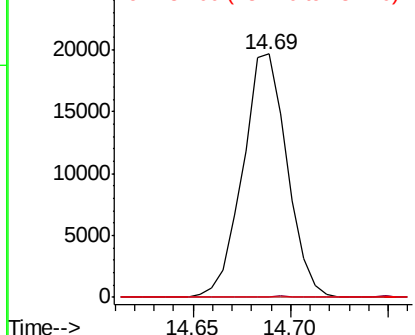
#54
 2,4-Dinitrotoluene
 Concen: 5.433 ng/ul
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.36 min
 Lab File: BG042115.D
 Acq: 9 Aug 2019 23:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.4	44.2#
182	0.0	2.6	4.0#

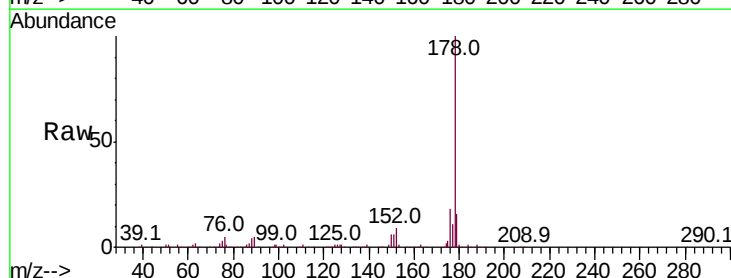


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 182.00 (181.70 to 182.70): E

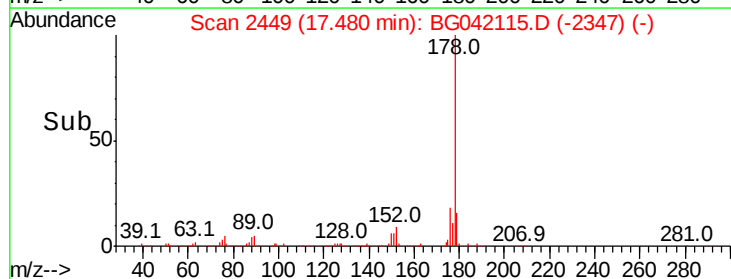
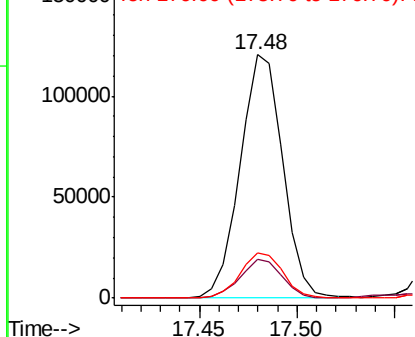


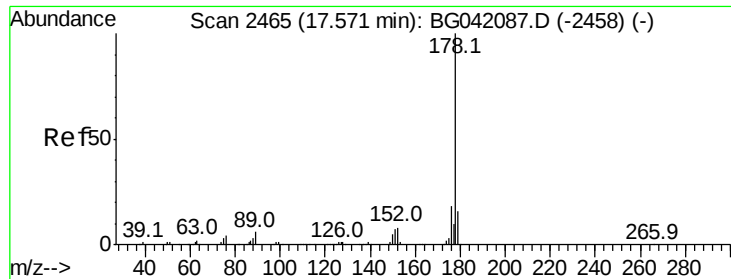
#69
 Phenanthrene
 Concen: 6.956 ng/ul
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BG042115.D
 Acq: 9 Aug 2019 23:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	18.3	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

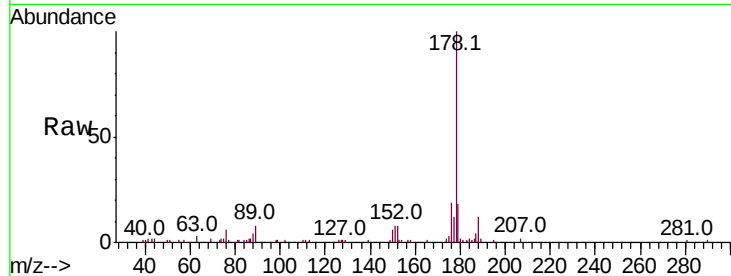




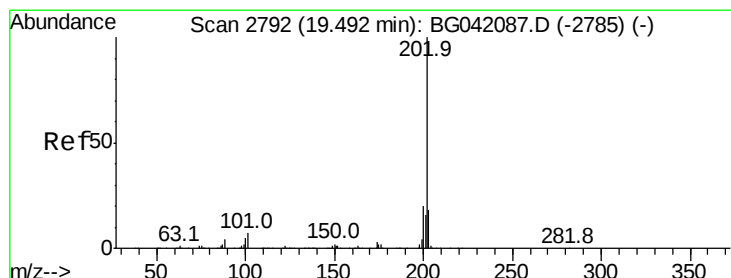
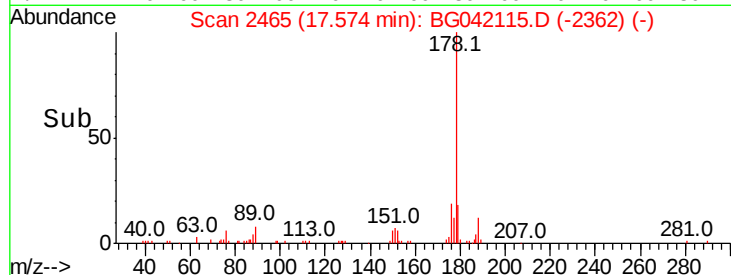
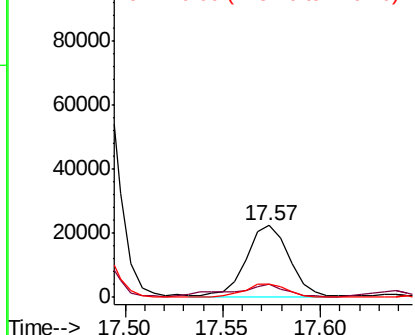
#71
 Anthracene
 Concen: 1.314 ng/ul
 RT: 17.57 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BG042115.D
 Acq: 9 Aug 2019 23:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 34920
 Ion Ratio Lower Upper
 178 100
 179 17.5 13.4 20.0
 176 19.2 15.4 23.2

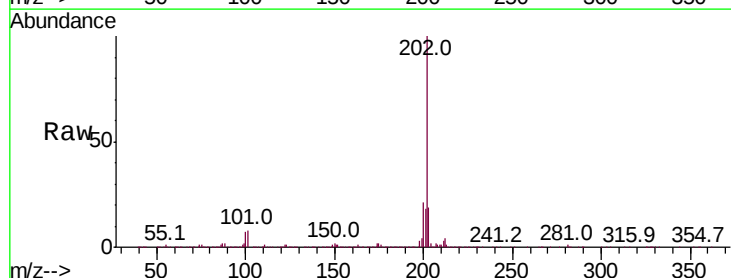


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

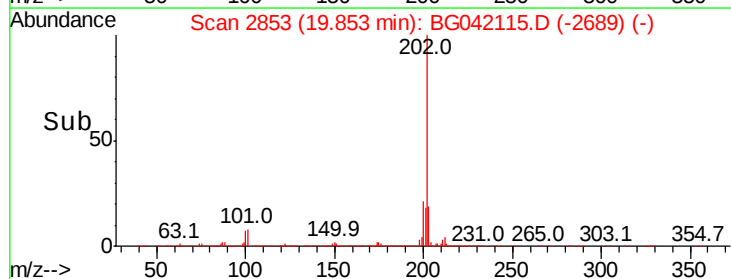
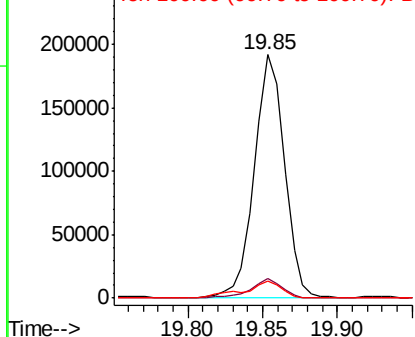


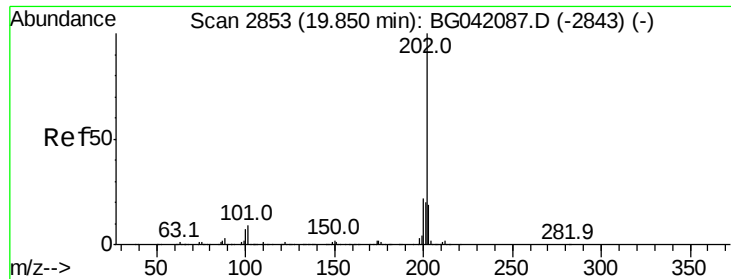
#76
 Fluoranthene
 Concen: 8.812 ng/ul
 RT: 19.85 min Scan# 2853
 Delta R.T. 0.36 min
 Lab File: BG042115.D
 Acq: 9 Aug 2019 23:23

Tgt Ion:202 Resp: 266792
 Ion Ratio Lower Upper
 202 100
 101 7.8 6.7 10.1
 100 6.8 5.3 7.9



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 8.399 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG042115.D

Acq: 9 Aug 2019 23:23

Instrument :

BNA_G

ClientSampleId :

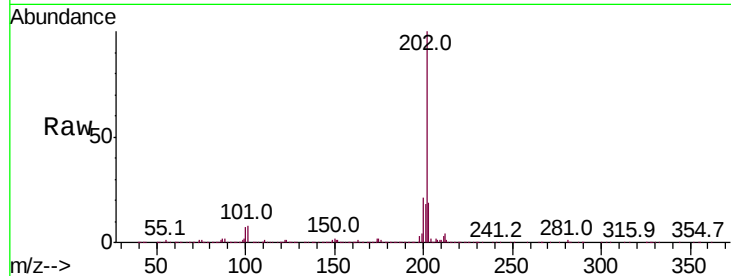
Tot Ion:202 Resp: 266792

Ion Ratio Lower Upper

202 100

101 7.8 7.6 11.4

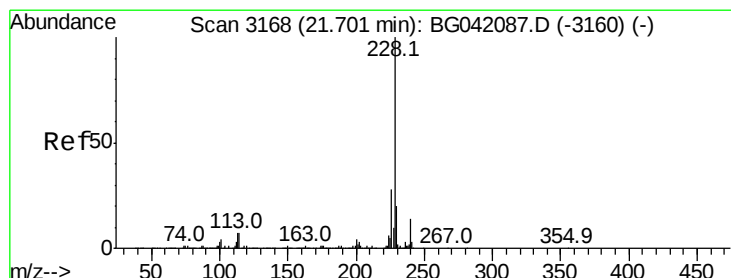
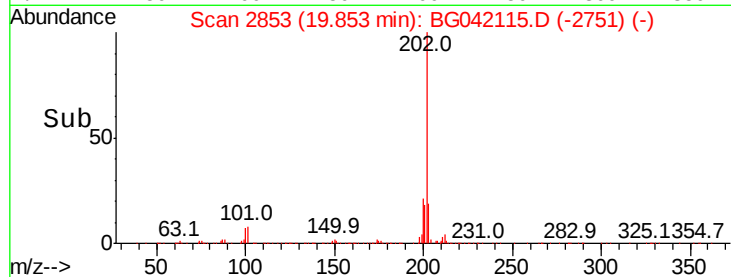
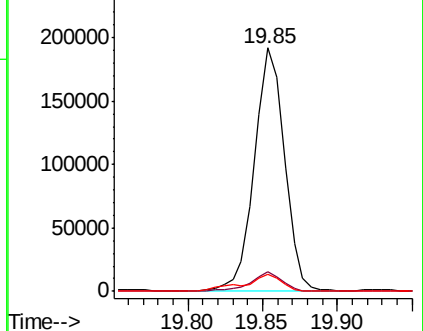
100 6.8 6.5 9.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 4.407 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG042115.D

Acq: 9 Aug 2019 23:23

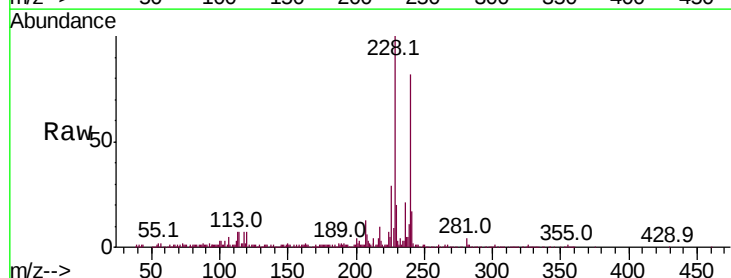
Tgt Ion:228 Resp: 144276

Ion Ratio Lower Upper

228 100

229 20.0 17.0 25.6

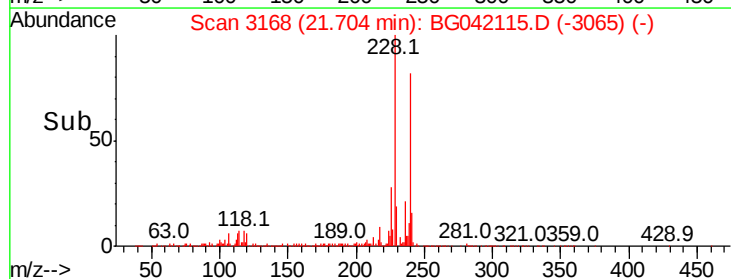
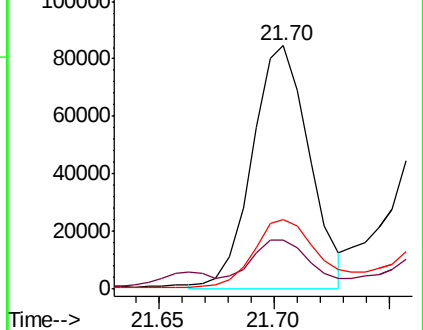
226 28.8 23.3 34.9

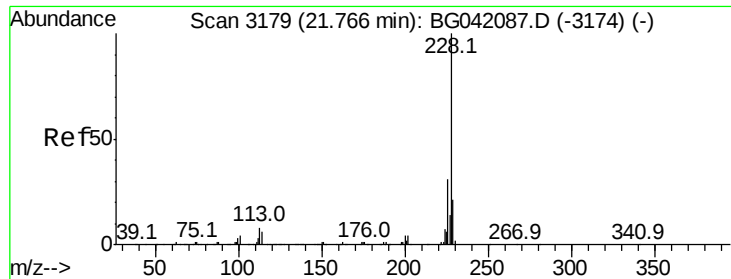


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 4.454 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG042115.D

Acq: 9 Aug 2019 23:23

Instrument :

BNA_G

ClientSampled :

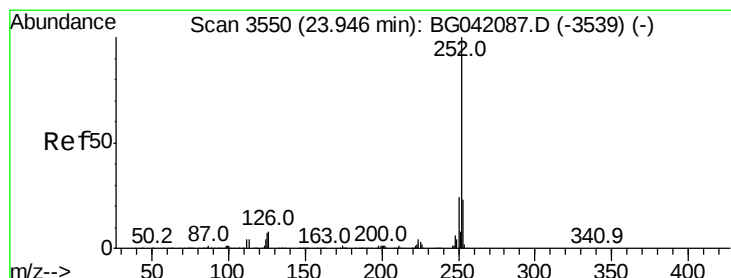
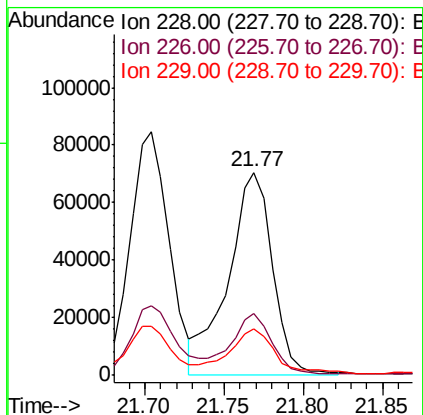
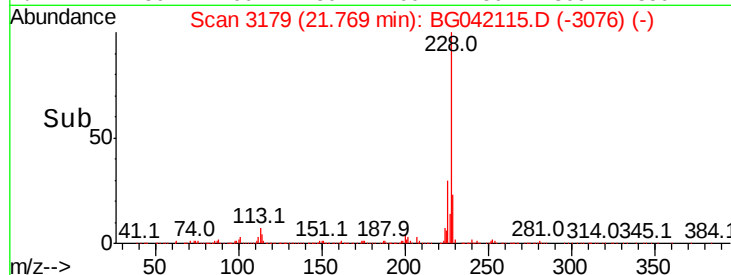
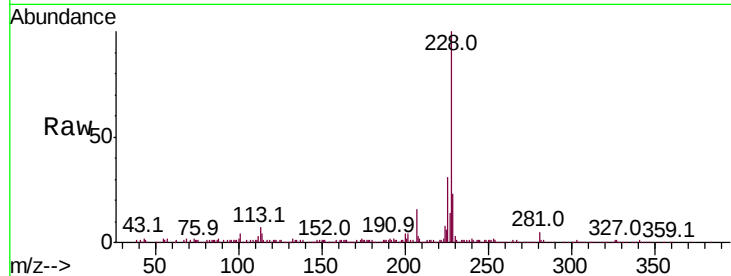
Tot Ion:228 Resp: 136097

Ion Ratio Lower Upper

228 100

226 30.6 25.7 38.5

229 23.2 16.6 24.8



#87

Benzo(b)fluoranthene

Concen: 5.115 ng/ul

RT: 23.95 min Scan# 3550

Delta R.T. 0.00 min

Lab File: BG042115.D

Acq: 9 Aug 2019 23:23

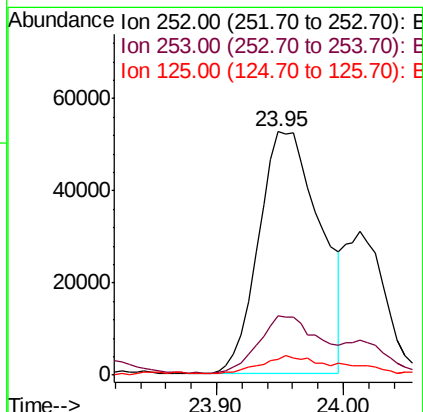
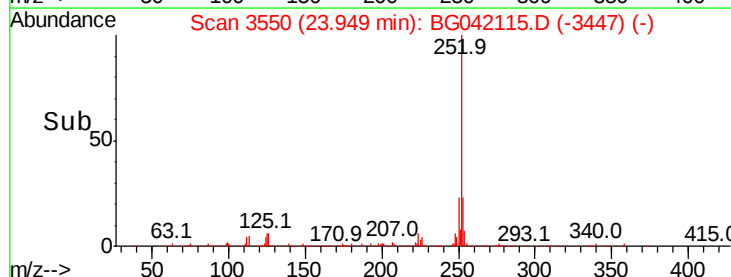
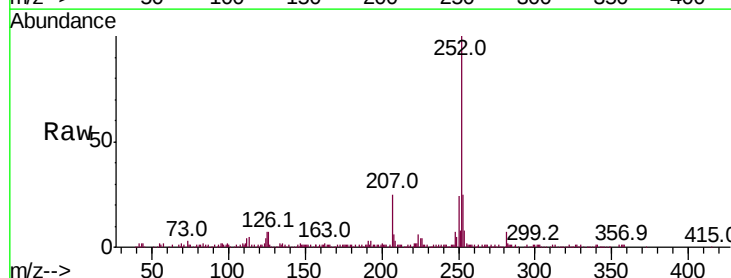
Tgt Ion:252 Resp: 177968

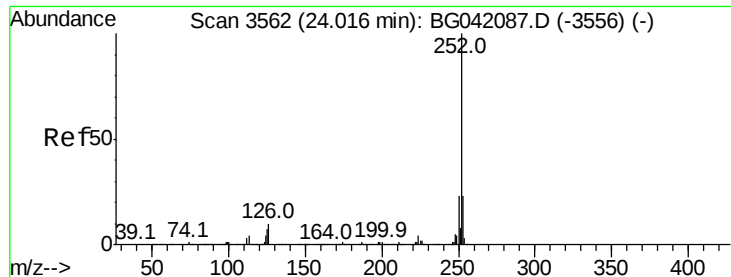
Ion Ratio Lower Upper

252 100

253 24.5 18.4 27.6

125 6.7 5.8 8.8





#88

Benzo(k)fluoranthene

Concen: 5.320 ng/ul

RT: 23.95 min Scan# 3550

Delta R.T. -0.07 min

Lab File: BG042115.D

Acq: 9 Aug 2019 23:23

Instrument :

BNA_G

ClientSampleId :

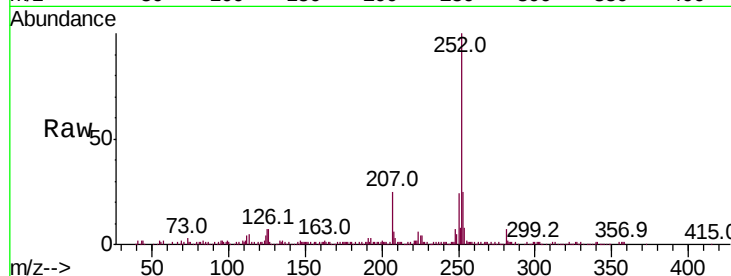
Tot Ion:252 Resp: 177968

Ion Ratio Lower Upper

252 100

253 24.5 18.3 27.5

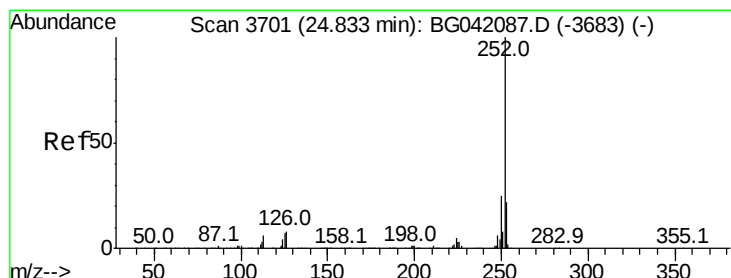
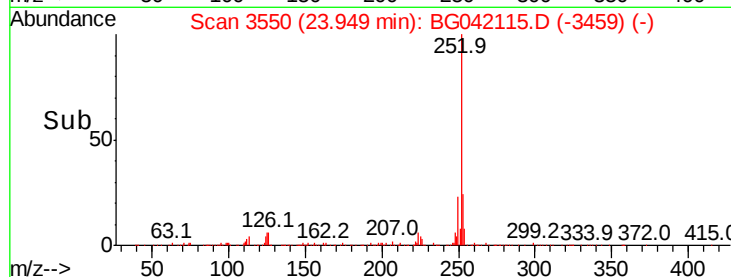
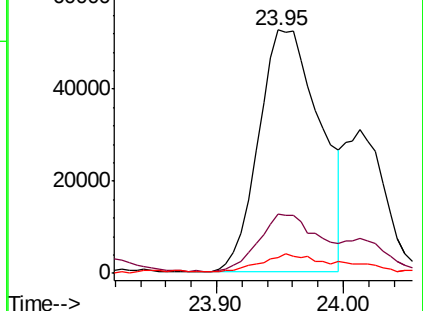
125 6.7 5.5 8.3



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: 3.966 ng/ul

RT: 24.84 min Scan# 3701

Delta R.T. 0.00 min

Lab File: BG042115.D

Acq: 9 Aug 2019 23:23

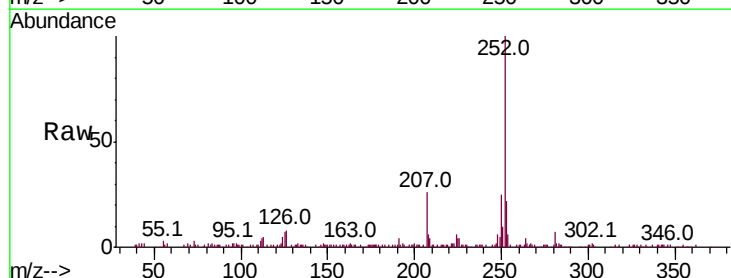
Tgt Ion:252 Resp: 131508

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

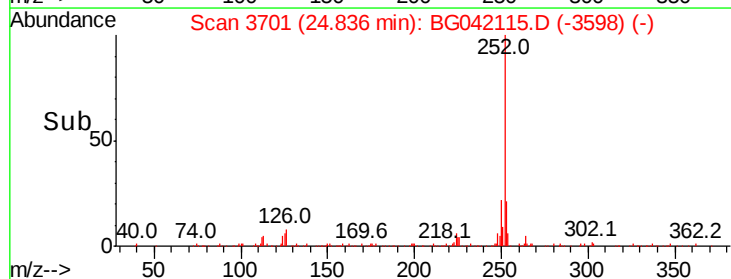
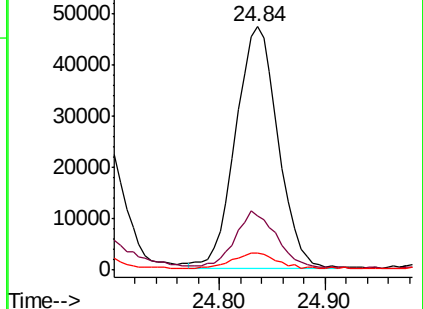
125 7.0 6.5 9.7

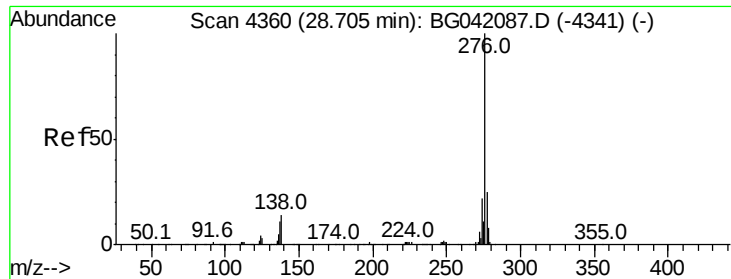


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



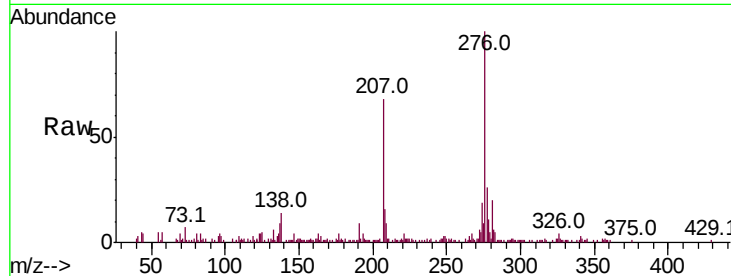


#91

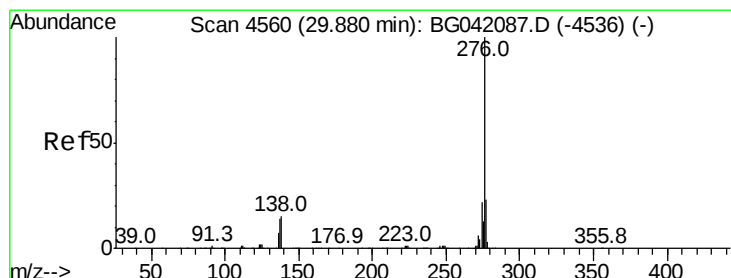
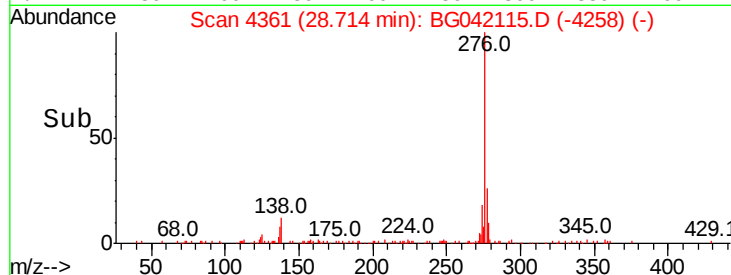
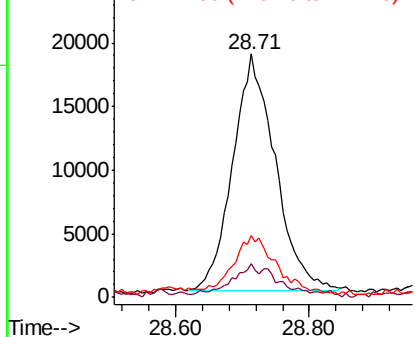
Indeno(1,2,3-cd)pyrene
Concen: 2.130 ng/ul
RT: 28.71 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG042115.D
Acq: 9 Aug 2019 23:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.8	12.0	18.0
277	25.6	19.2	28.8



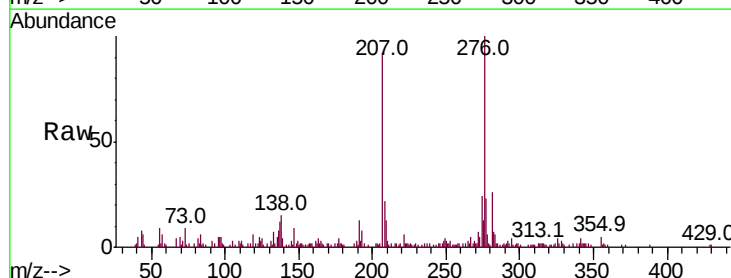
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#93

Benzo(g,h,i)perylene
Concen: 2.192 ng/ul
RT: 29.88 min Scan# 4560
Delta R.T. -0.00 min
Lab File: BG042115.D
Acq: 9 Aug 2019 23:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.5	12.6	18.8
277	23.1	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

