

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043115.D
 Acq On : 9 Oct 2019 22:52
 Operator : JU
 Sample : K5175-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 10 00:03:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 15:33:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	60263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	238819	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	173322	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	421293	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	480024	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	580162	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	7211	5.79	ng/uL	0.00
5) Phenol-d5	7.22	99	132492	29.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	80932	32.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	114256	32.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	97998	25.51	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	59701	35.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	70560	36.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	120962	30.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	140053	33.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	489935	35.16	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	531486	35.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	32348	17.50	ng/ul	0.00
57) Fluorene-d10	15.67	176	419443	35.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	78128	28.91	ng/ul	0.00
70) Anthracene-d10	17.52	188	670465	33.69	ng/ul	0.00
78) Pyrene-d10	19.80	212	886970	37.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	1037105	36.17	ng/ul	0.00

Target Compounds

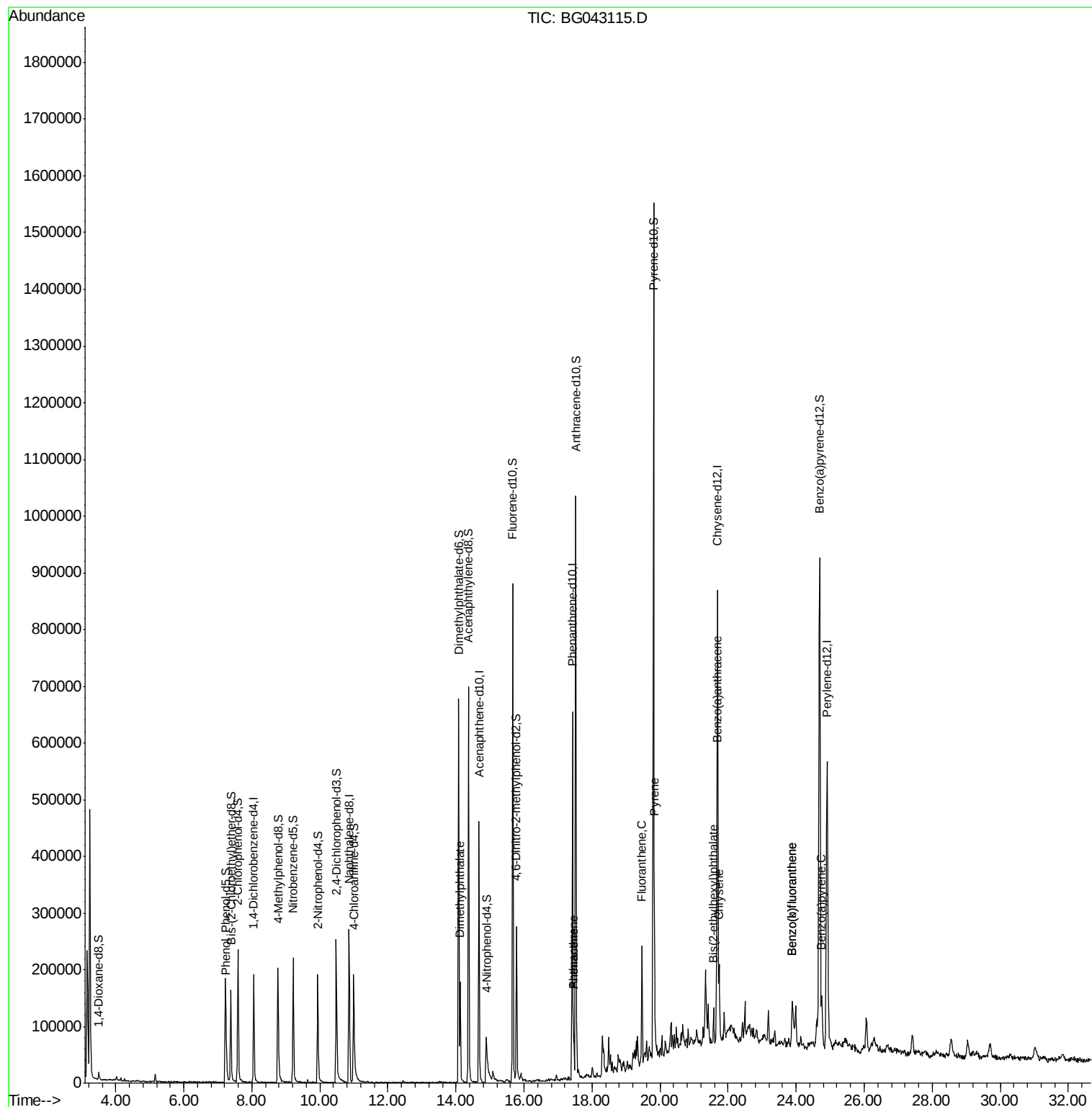
					Ovalue
6) Phenol	7.25	94	14167	3.115	ng/ul 91
44) Dimethylphthalate	14.13	163	120402	8.946	ng/ul 100
69) Phenanthrene	17.46	178	47384	2.179	ng/ul 97
71) Anthracene	17.46	178	47384	2.106	ng/ul 98
76) Fluoranthene	19.47	202	138422	4.989	ng/ul 98
79) Pyrene	19.83	202	151293	5.125	ng/ul 98
82) Benzo(a)anthracene	21.67	228	98144	3.056	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.58	149	23822	1.494	ng/ul 98
84) Chrysene	21.73	228	96757	3.201	ng/ul 98
87) Benzo(b)fluoranthene	23.89	252	110317	3.195	ng/ul# 92
88) Benzo(k)fluoranthene	23.89	252	110317	3.269	ng/ul# 96
90) Benzo(a)pyrene	24.75	252	89635	2.712	ng/ul 99

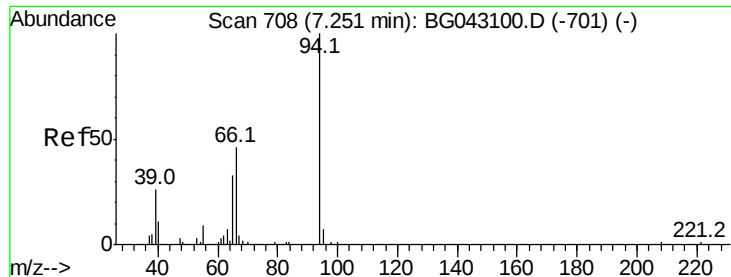
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.115 ng/ul

RT: 7.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG043115.D

Acq: 9 Oct 2019 22:52

Instrument :

BNA_G

ClientSampleId :

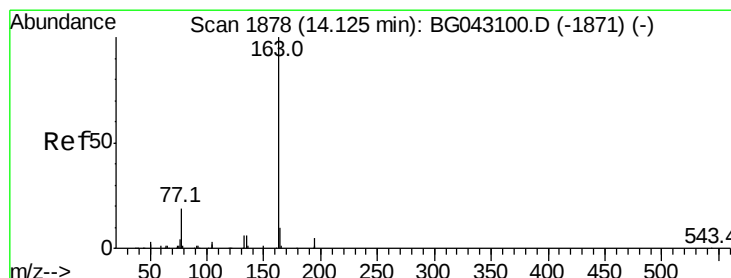
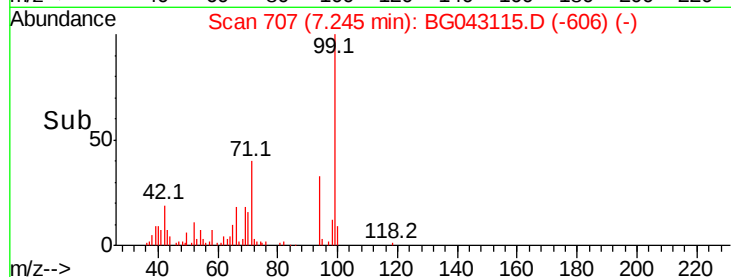
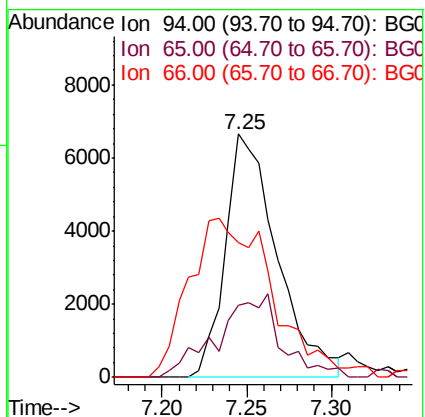
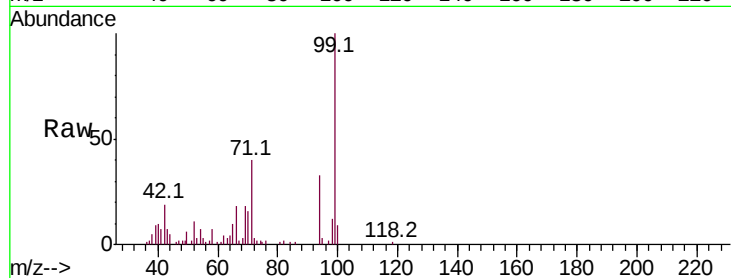
Tot Ion: 94 Resp: 14167

Ion Ratio Lower Upper

94 100

65 29.8 27.2 40.8

66 55.2 38.7 58.1



#44

Dimethylphthalate

Concen: 8.946 ng/ul

RT: 14.13 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BG043115.D

Acq: 9 Oct 2019 22:52

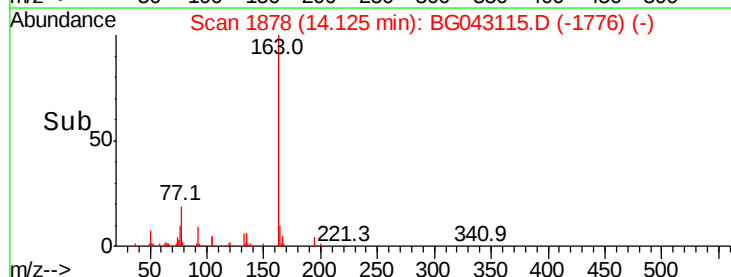
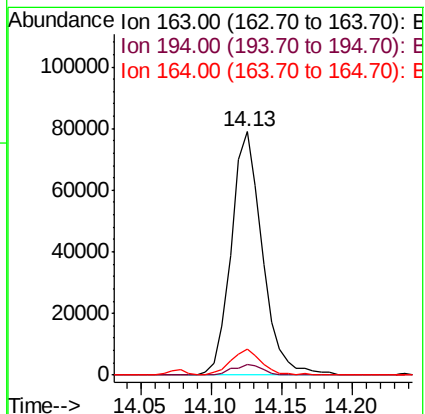
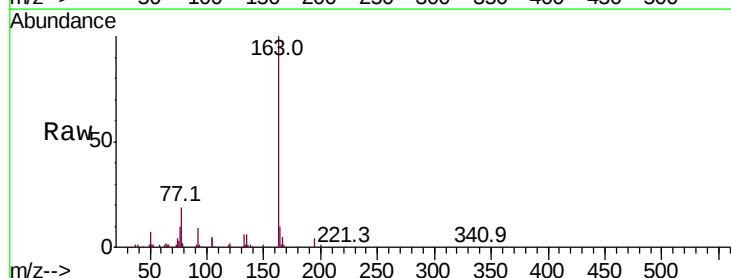
Tgt Ion:163 Resp: 120402

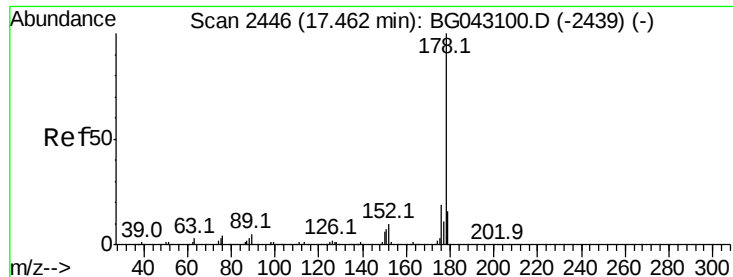
Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

164 10.5 8.6 12.8





#69

Phenanthrene

Concen: 2.179 ng/ul

RT: 17.46 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BG043115.D

Acq: 9 Oct 2019 22:52

Instrument :

BNA_G

ClientSampleId :

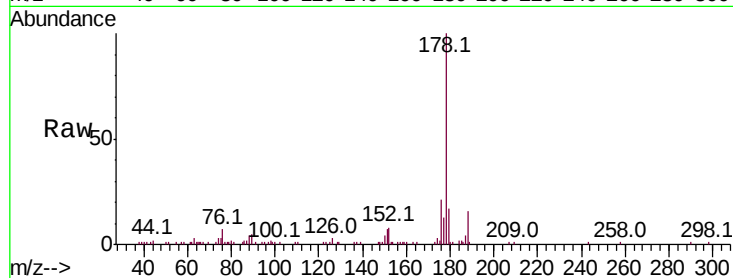
Tot Ion:178 Resp: 47384

Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.4

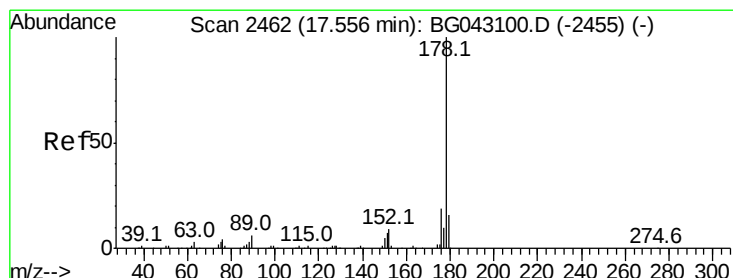
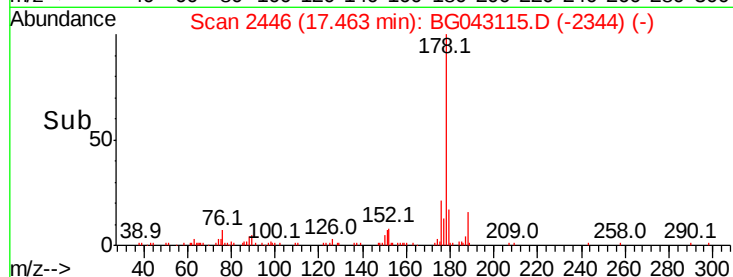
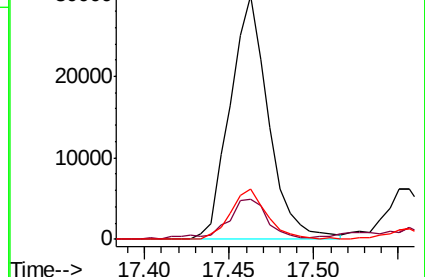
176 20.8 15.2 22.8



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: 2.106 ng/ul

RT: 17.46 min Scan# 2446

Delta R.T. -0.09 min

Lab File: BG043115.D

Acq: 9 Oct 2019 22:52

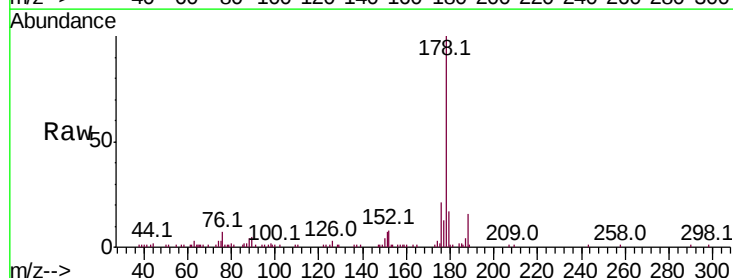
Tgt Ion:178 Resp: 47384

Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.4

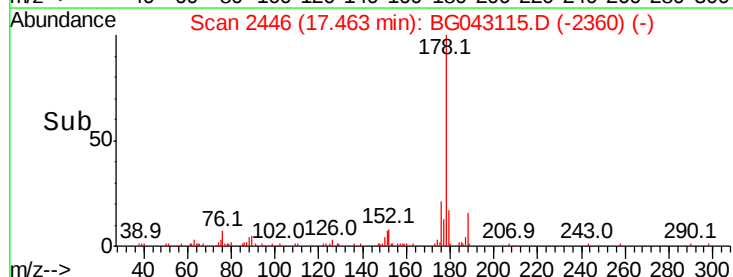
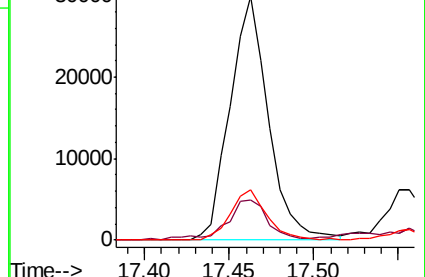
176 20.8 15.4 23.2

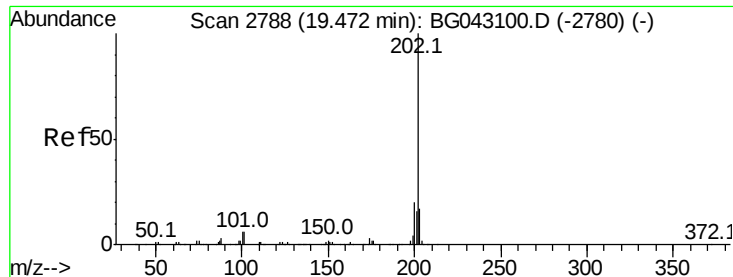


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

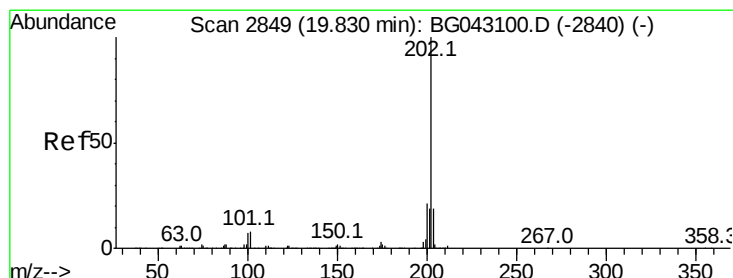
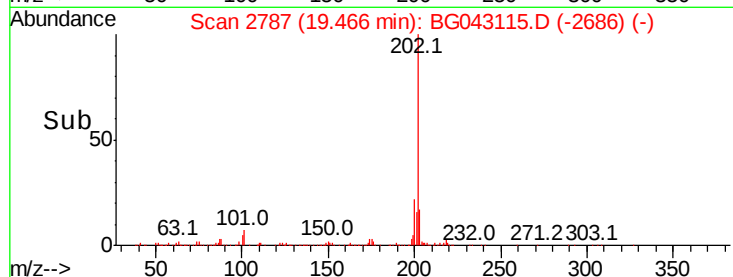
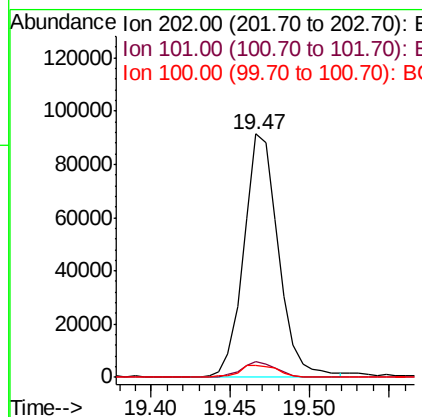
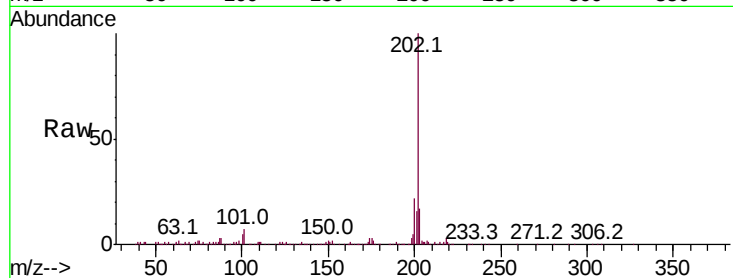




#76
Fluoranthene
Concen: 4.989 ng/ul
RT: 19.47 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BG043115.D
Acq: 9 Oct 2019 22:52

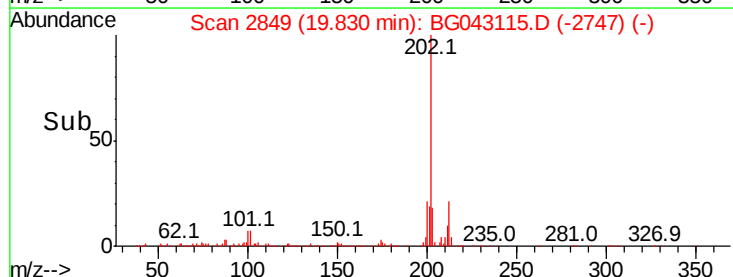
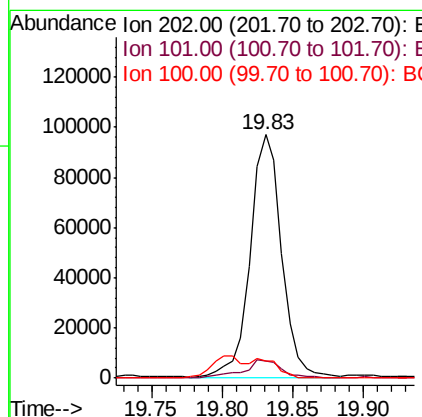
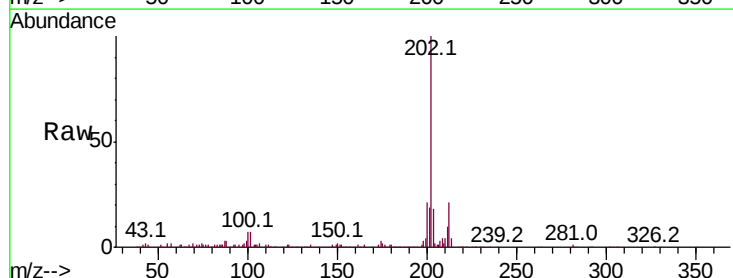
Instrument :
BNA_G
ClientSampleId :

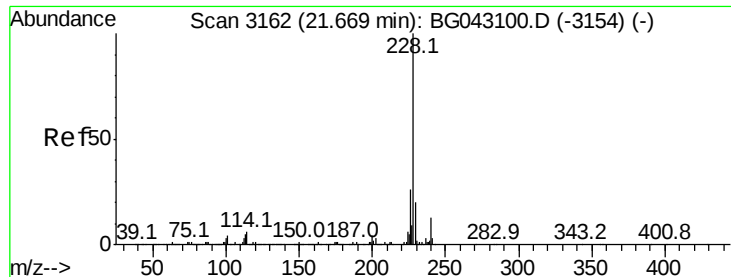
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.0	7.6
100	4.9	4.6	7.0



#79
Pyrene
Concen: 5.125 ng/ul
RT: 19.83 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG043115.D
Acq: 9 Oct 2019 22:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	6.2	9.4
100	7.3	5.4	8.2





#82

Benzo(a)anthracene

Concen: 3.056 ng/ul

RT: 21.67 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG043115.D

Acq: 9 Oct 2019 22:52

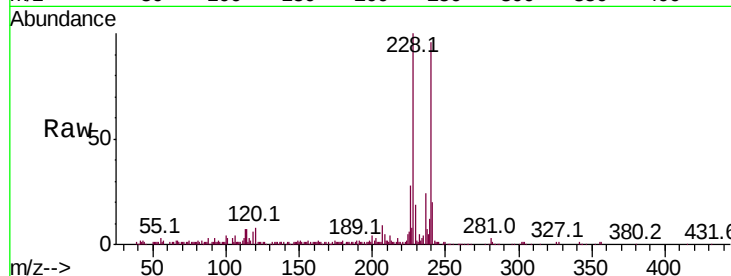
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 98144

Ion	Ratio	Lower	Upper
228	100		
229	19.1	16.2	24.2
226	27.7	21.0	31.4

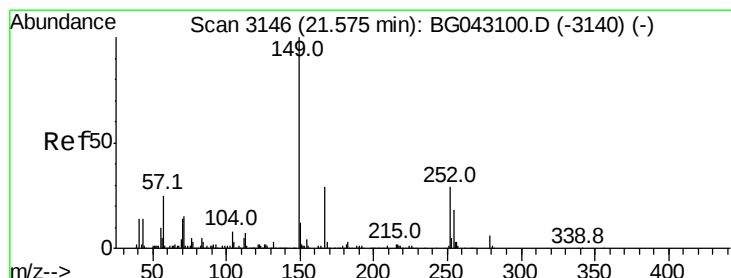
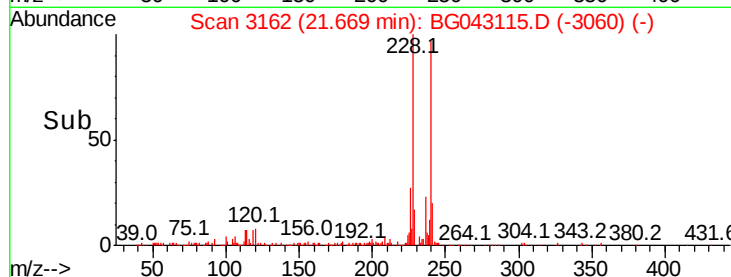
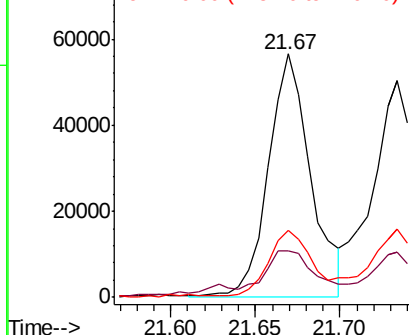


Abundance

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: 1.494 ng/ul

RT: 21.58 min Scan# 3146

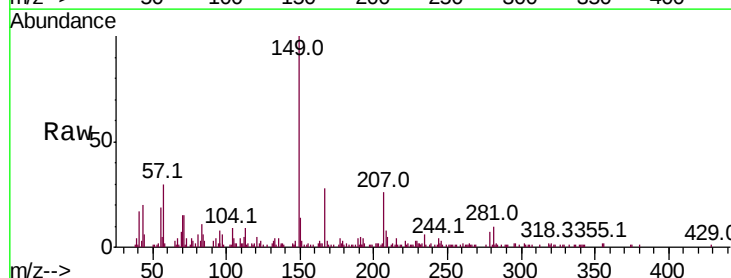
Delta R.T. 0.00 min

Lab File: BG043115.D

Acq: 9 Oct 2019 22:52

Tgt Ion:149 Resp: 23822

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.2	34.8
279	6.8	4.7	7.1

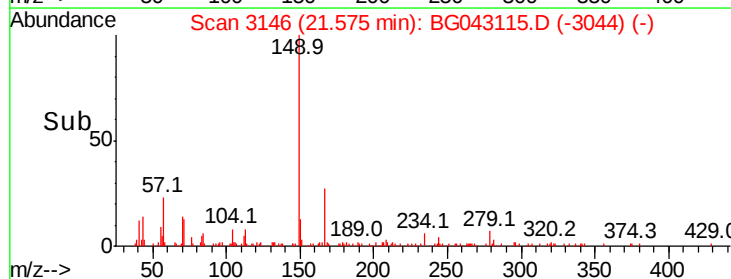
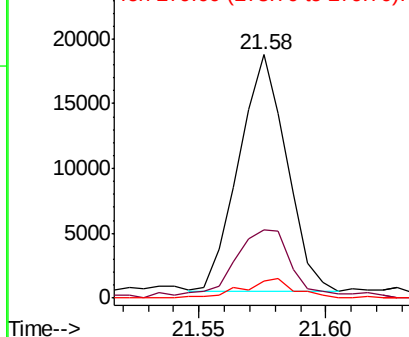


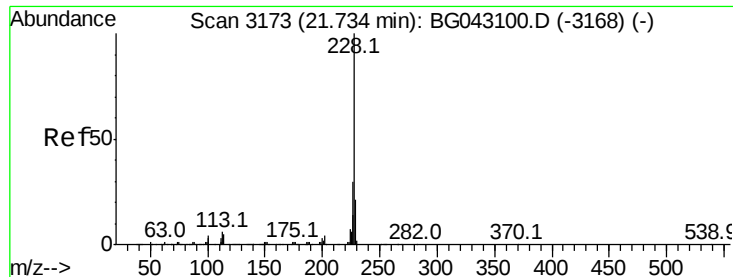
Abundance

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: 3.201 ng/ul

RT: 21.73 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BG043115.D

Acq: 9 Oct 2019 22:52

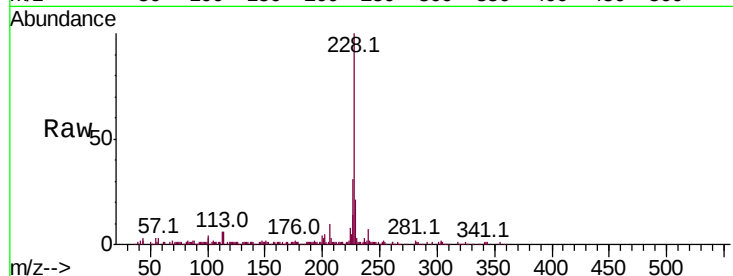
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 96757

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.2	36.2
229	21.1	16.6	25.0

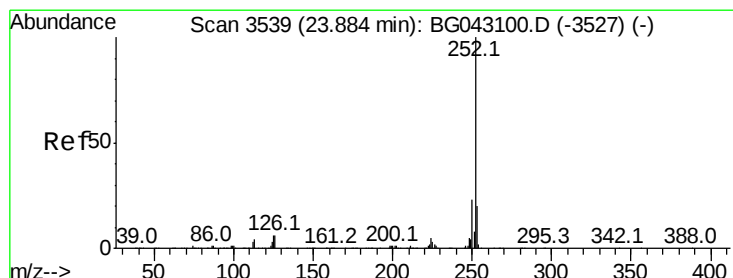
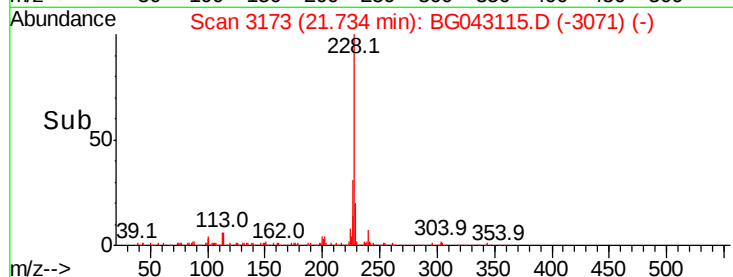
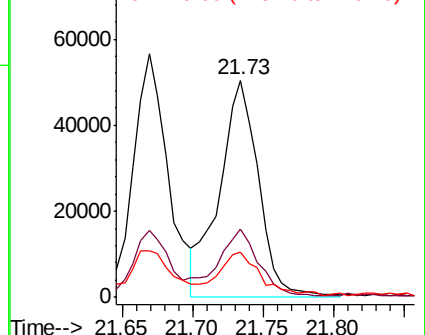


Abundance

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: 3.195 ng/ul

RT: 23.89 min Scan# 3540

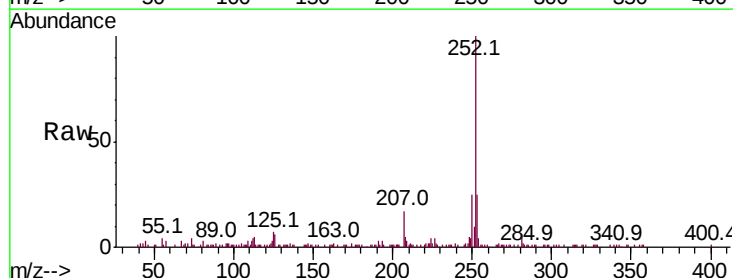
Delta R.T. 0.01 min

Lab File: BG043115.D

Acq: 9 Oct 2019 22:52

Tgt Ion:252 Resp: 110317

Ion	Ratio	Lower	Upper
252	100		
253	24.7	16.4	24.6#
125	6.8	4.6	7.0

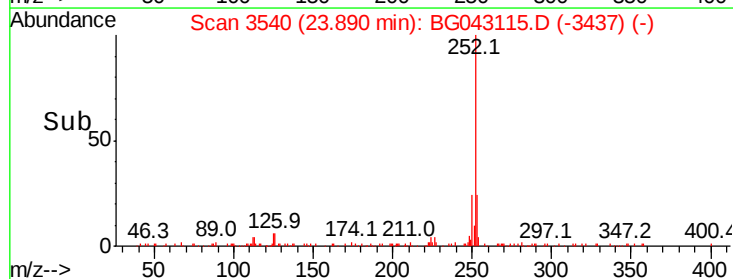
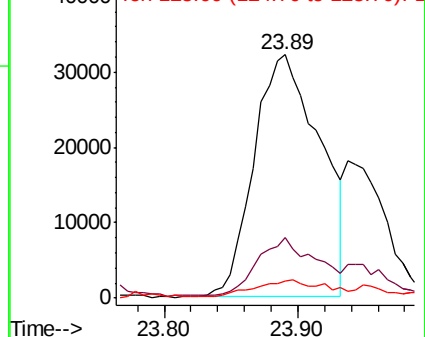


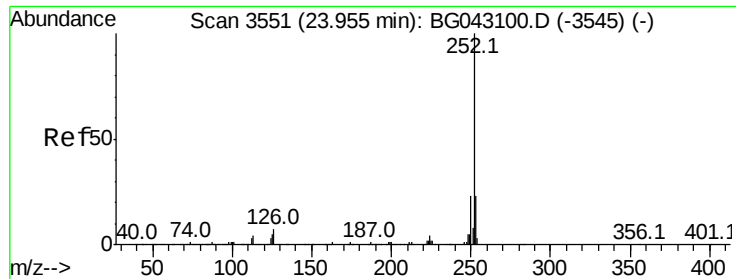
Abundance

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

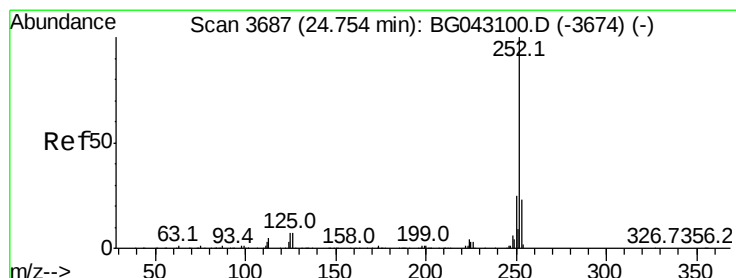
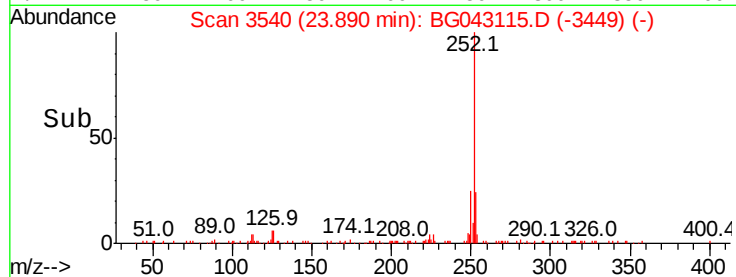
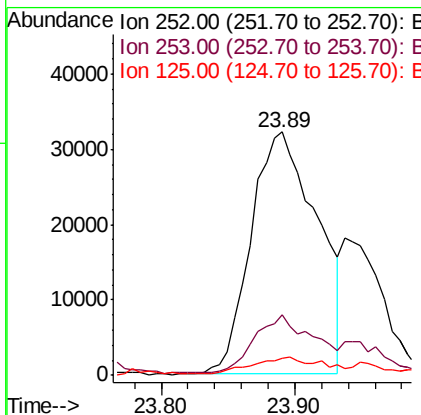
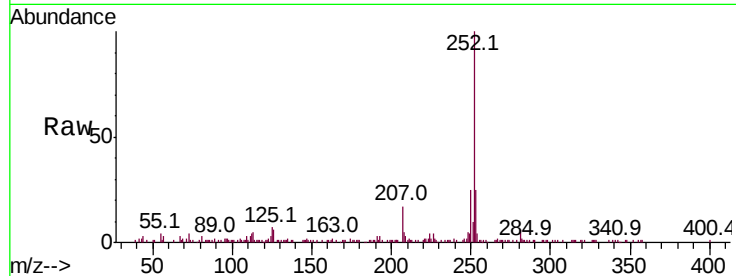




#88
Benzo(k)fluoranthene
Concen: 3.269 ng/ul
RT: 23.89 min Scan# 3540
Delta R.T. -0.06 min
Lab File: BG043115.D
Acq: 9 Oct 2019 22:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.4	27.6
125	6.8	4.4	6.6



#90
Benzo(a)pyrene
Concen: 2.712 ng/ul
RT: 24.75 min Scan# 3687
Delta R.T. 0.00 min
Lab File: BG043115.D
Acq: 9 Oct 2019 22:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.9	28.3
125	7.0	5.3	7.9

