

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041926.D
 Acq On : 4 Aug 2019 3:32
 Operator : HP/JU
 Sample : K3962-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 04 08:15:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 04 03:32:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	74485	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	315127	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	221251	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	476061	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	465761	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	514802	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	5146	3.02	ng/uL	0.00
5) Phenol-d5	7.19	99	120624	20.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	68015	20.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	111122	22.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	103165	21.02	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	53522	22.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	65579	23.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	118386	21.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	140559	22.78	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	408929	23.83	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	464947	23.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	39193	13.60	ng/ul	0.00
57) Fluorene-d10	15.69	176	367498	24.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	30825	10.09	ng/ul	0.00
70) Anthracene-d10	17.54	188	584421	25.59	ng/ul	0.00
78) Pyrene-d10	19.83	212	659391	25.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	710066	26.40	ng/ul	0.00

Target Compounds

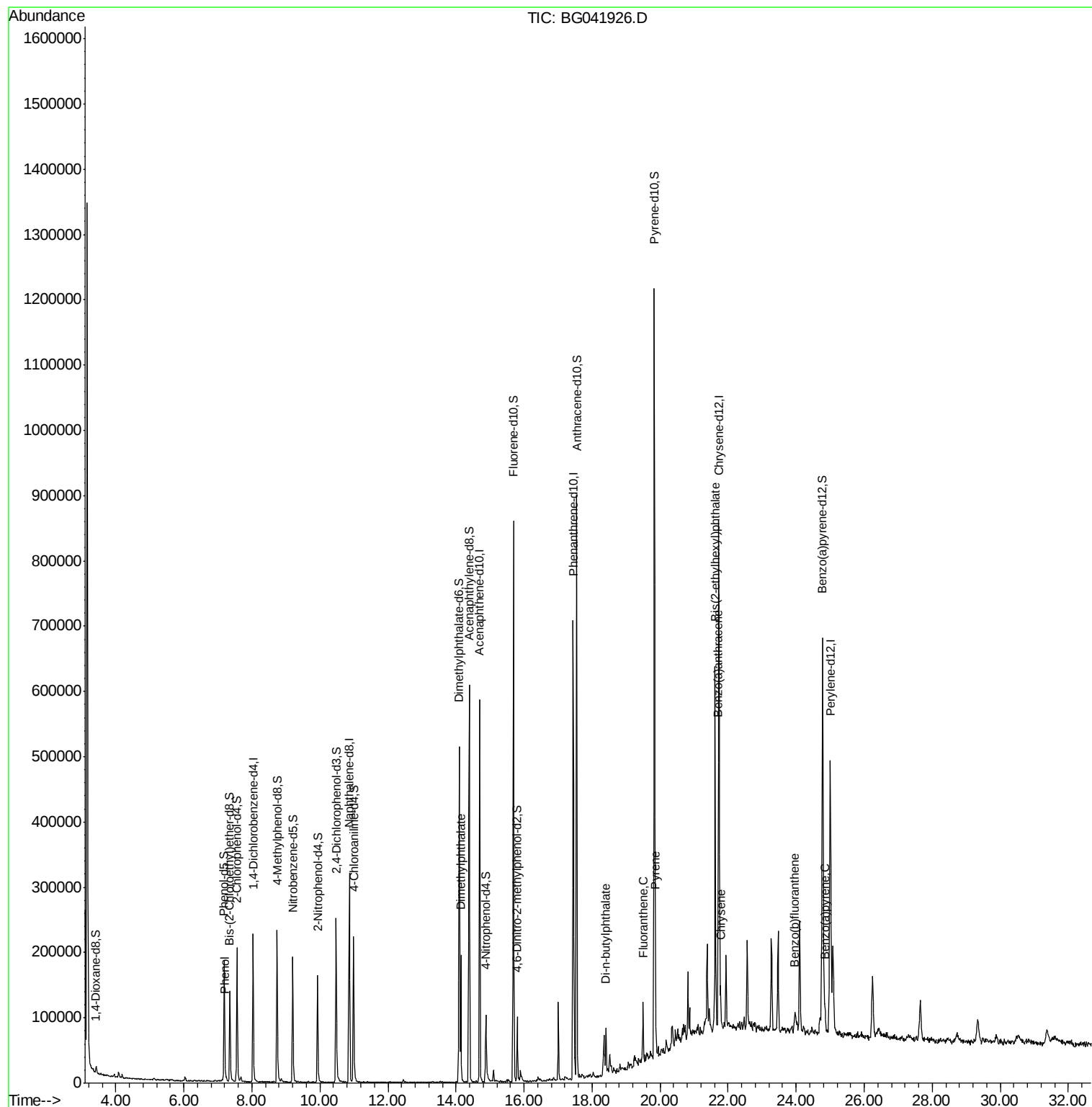
					Ovalue	
6) Phenol	7.21	94	6566	1.088	ng/ul#	84
44) Dimethylphthalate	14.14	163	142463	8.362	ng/ul	98
75) Di-n-butylphthalate	18.41	149	52177	1.933	ng/ul	98
76) Fluoranthene	19.50	202	61423	2.040	ng/ul	97
79) Pyrene	19.86	202	76990	2.457	ng/ul#	96
82) Benzo(a)anthracene	21.71	228	47971	1.485	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.62	149	269256	16.003	ng/ul	100
84) Chrysene	21.77	228	49374	1.638	ng/ul	97
87) Benzo(b)fluoranthene	23.96	252	49845	1.543	ng/ul	99
90) Benzo(a)pyrene	24.85	252	42299	1.374	ng/ul	96

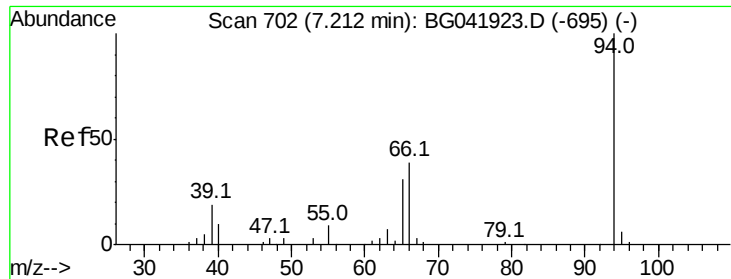
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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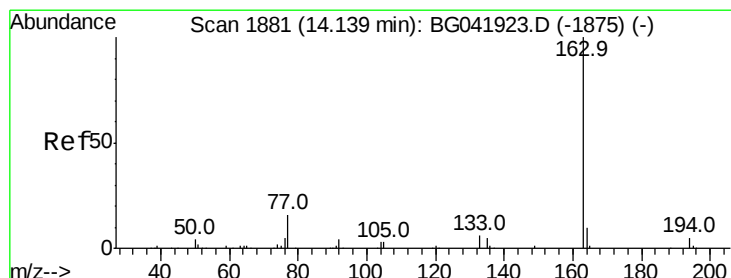
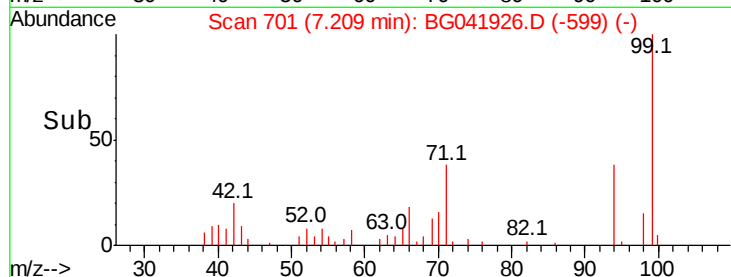
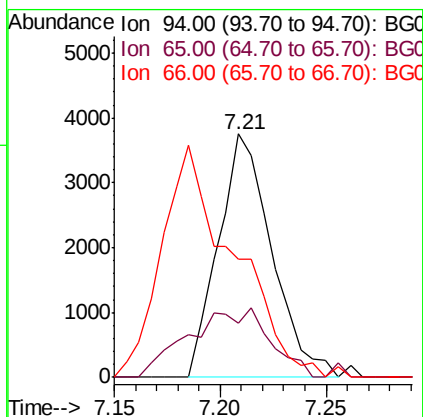
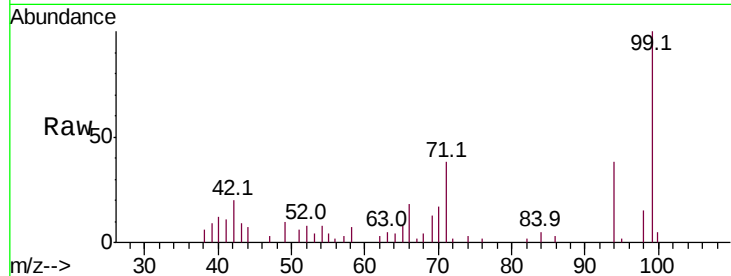
#6

Phenol

Concen: 1.088 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG041926.D
 Acq: 4 Aug 2019 3:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 94 Resp: 6566
 Ion Ratio Lower Upper
 94 100
 65 22.5 25.8 38.6#
 66 48.8 31.8 47.8#

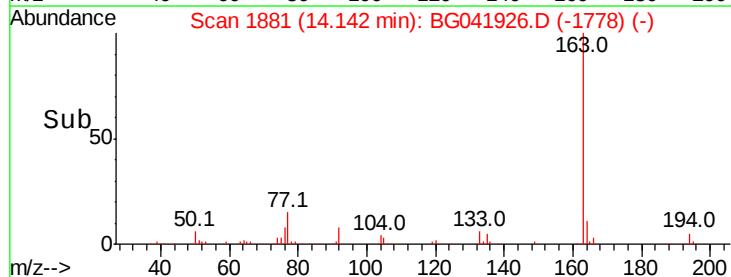
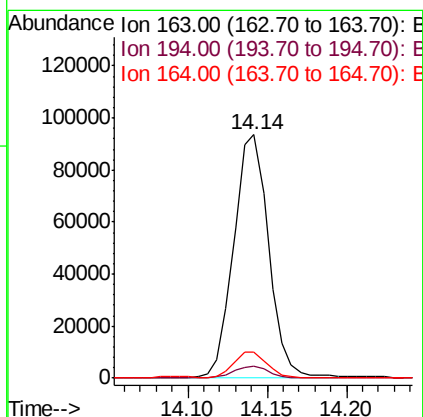
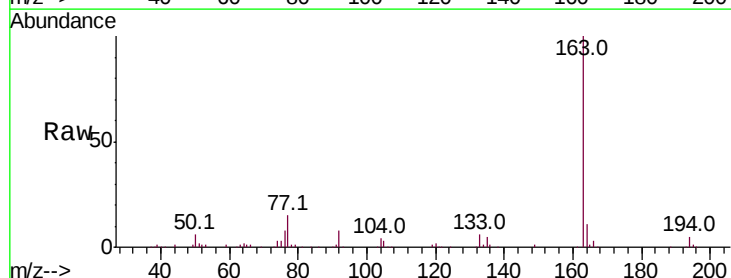


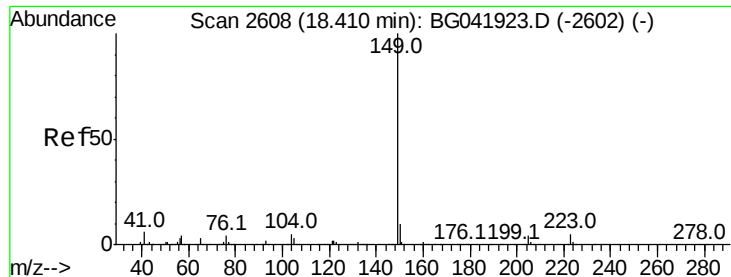
#44

Dimethylphthalate

Concen: 8.362 ng/ul
 RT: 14.14 min Scan# 1881
 Delta R.T. 0.00 min
 Lab File: BG041926.D
 Acq: 4 Aug 2019 3:32

Tgt Ion:163 Resp: 142463
 Ion Ratio Lower Upper
 163 100
 194 4.9 4.2 6.2
 164 10.9 7.8 11.8

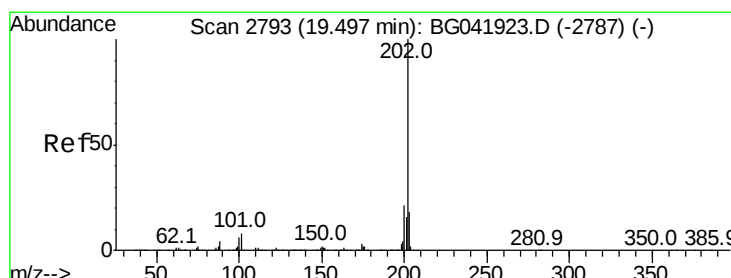
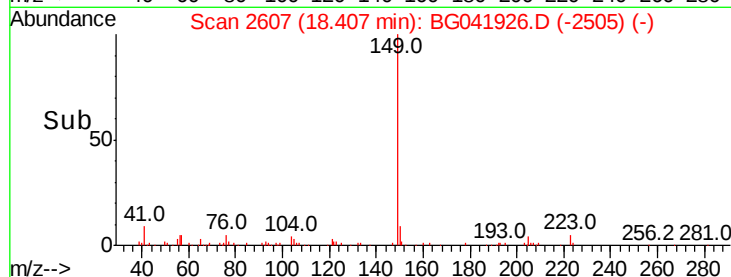
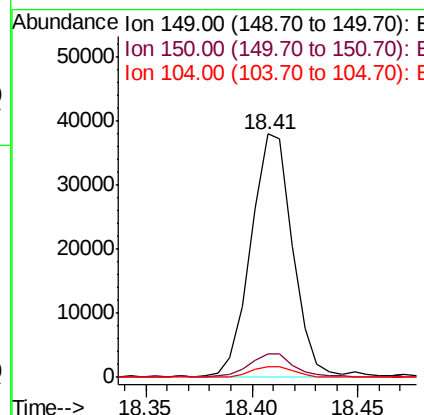
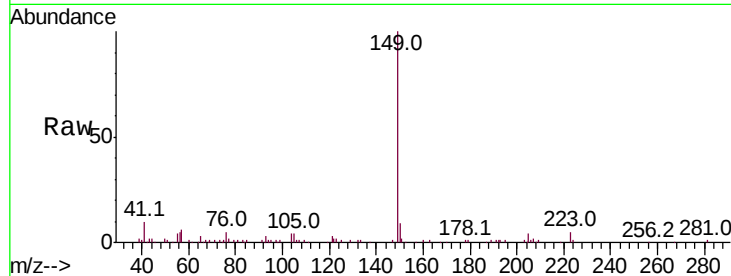




#75
Di-n-butylphthalate
Concen: 1.933 ng/ul
RT: 18.41 min Scan# 2607
Delta R.T. -0.00 min
Lab File: BG041926.D
Acq: 4 Aug 2019 3:32

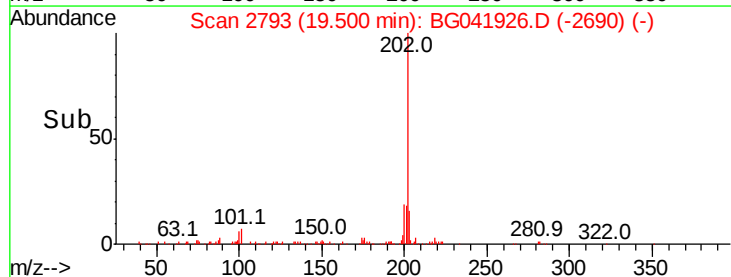
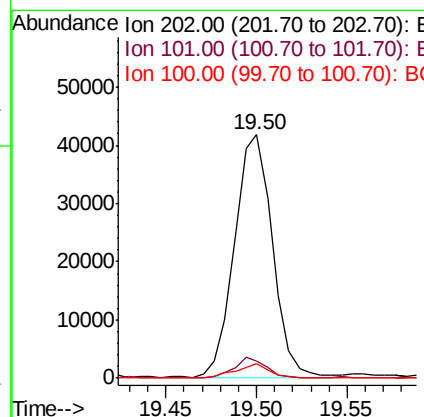
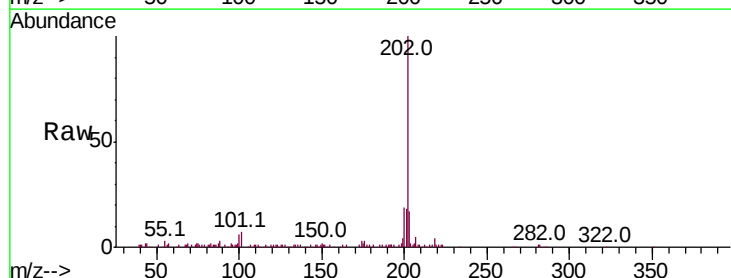
Instrument :
BNA_G
ClientSampleId :

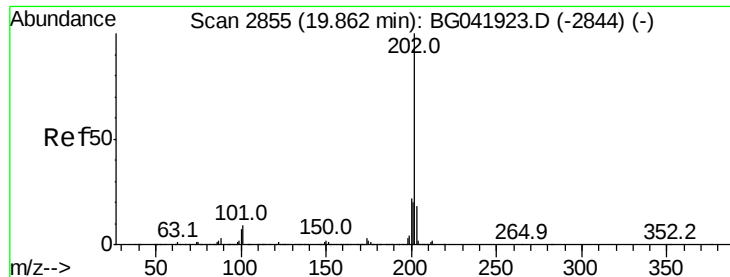
Tot Ion:149 Resp: 52177
Ion Ratio Lower Upper
149 100
150 9.5 8.3 12.5
104 4.5 3.9 5.9



#76
Fluoranthene
Concen: 2.040 ng/ul
RT: 19.50 min Scan# 2793
Delta R.T. 0.00 min
Lab File: BG041926.D
Acq: 4 Aug 2019 3:32

Tgt Ion:202 Resp: 61423
Ion Ratio Lower Upper
202 100
101 7.2 6.7 10.1
100 5.9 5.3 7.9





#79

Pvrene

Concen: 2.457 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG041926.D

Acq: 4 Aug 2019 3:32

Instrument :

BNA_G

ClientSampleId :

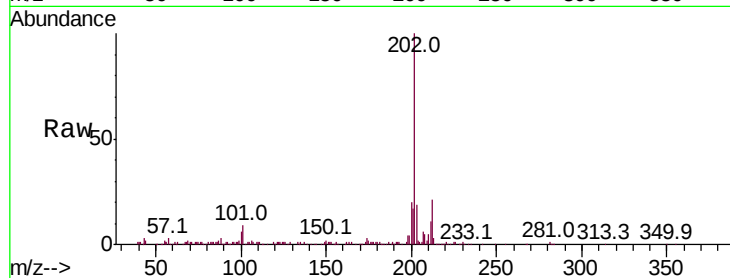
Tot Ion:202 Resp: 76990

Ion Ratio Lower Upper

202 100

101 8.6 7.6 11.4

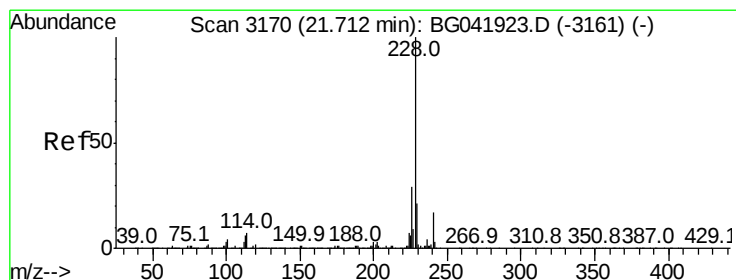
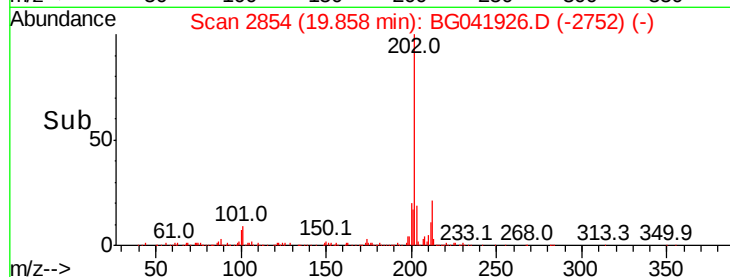
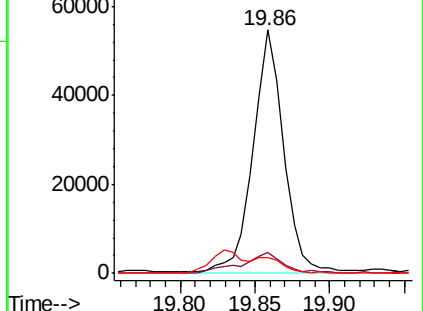
100 6.5 6.5 9.7#



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: 1.485 ng/ul

RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG041926.D

Acq: 4 Aug 2019 3:32

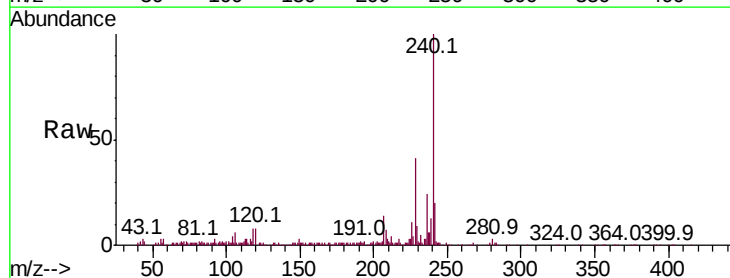
Tgt Ion:228 Resp: 47971

Ion Ratio Lower Upper

228 100

229 20.5 17.0 25.6

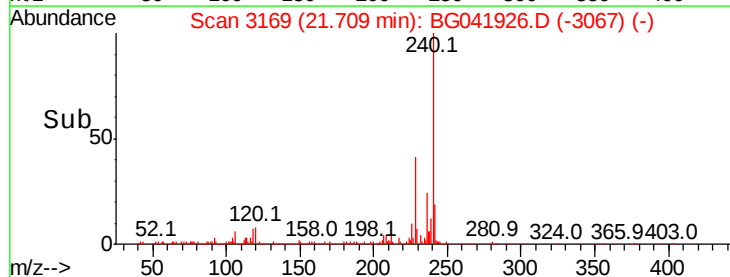
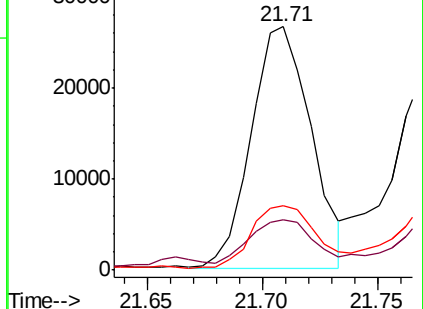
226 26.4 23.3 34.9

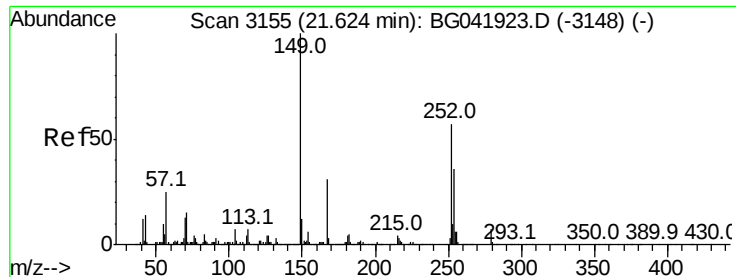


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

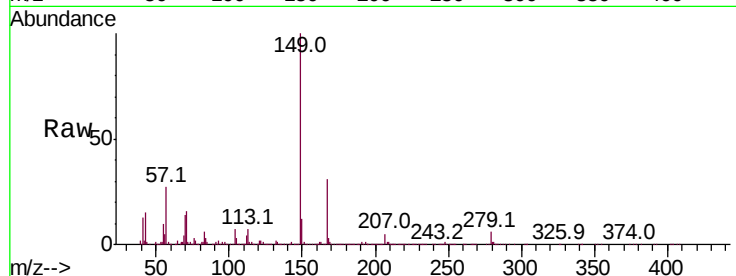




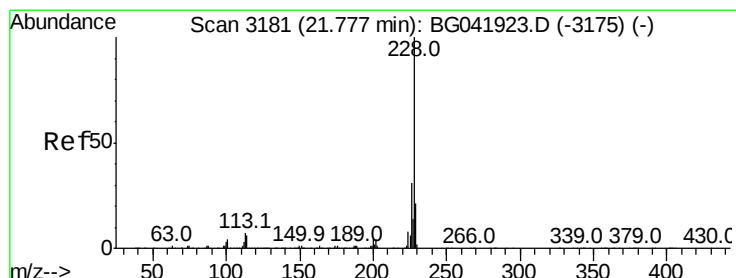
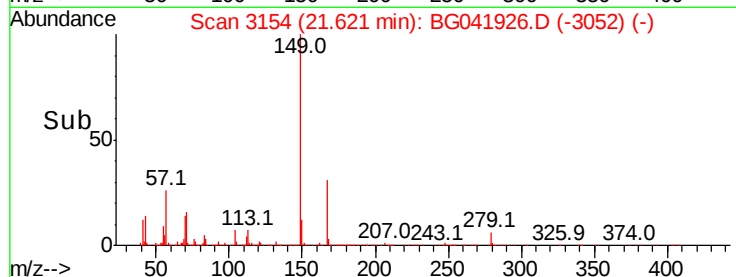
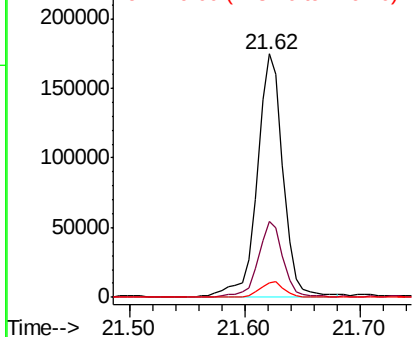
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.003 ng/ul
 RT: 21.62 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG041926.D
 Acq: 4 Aug 2019 3:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.0	25.0	37.4
279	6.1	5.2	7.8

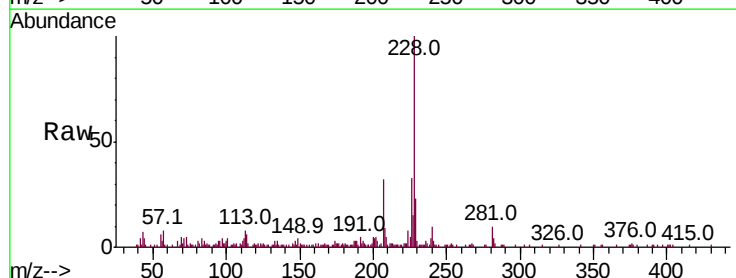


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

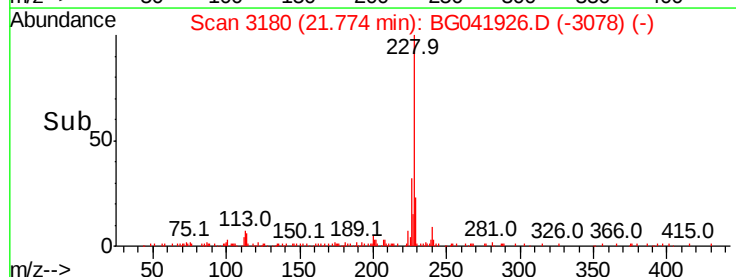
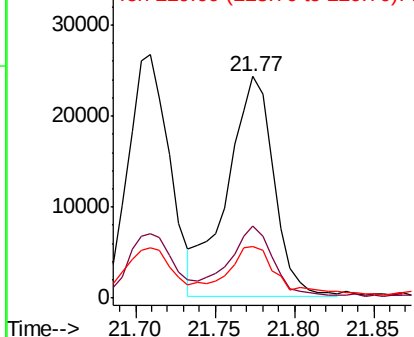


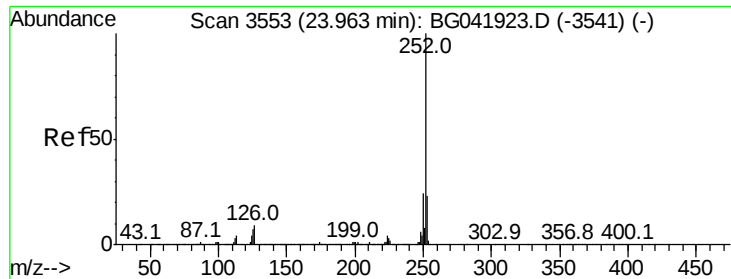
#84
 Chrysene
 Concen: 1.638 ng/ul
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG041926.D
 Acq: 4 Aug 2019 3:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.7	38.5
229	23.3	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

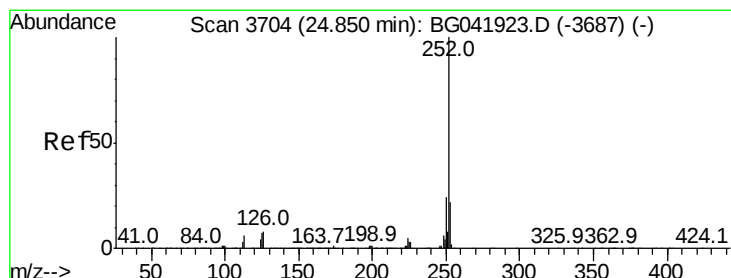
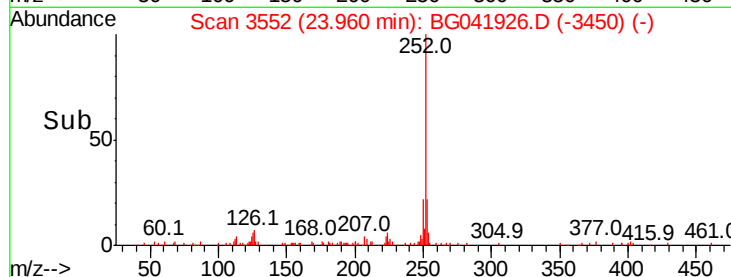
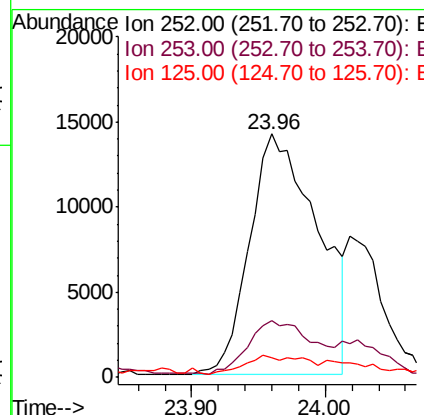
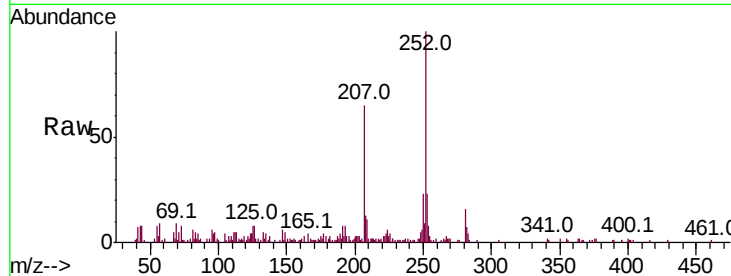




#87
Benzo(b)fluoranthene
Concen: 1.543 ng/ul
RT: 23.96 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG041926.D
Acq: 4 Aug 2019 3:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	8.3	5.8	8.8



#90
Benzo(a)pyrene
Concen: 1.374 ng/ul
RT: 24.85 min Scan# 3703
Delta R.T. -0.00 min
Lab File: BG041926.D
Acq: 4 Aug 2019 3:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.3	27.5
125	9.0	6.5	9.7

