

Data File : BG042048.D
Acq On : 8 Aug 2019 2:33
Operator : HP/JU
Sample : K4029-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENY1

Quant Time: Aug 08 04:06:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	86580	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	362740	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	261106	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	561277	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	544956	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	635174	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4722	2.39	ng/uL	0.00
5) Phenol-d5	7.17	99	101472	14.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	55771	14.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	95605	16.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	70569	12.37	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	48512	17.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	59840	18.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	103942	16.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	83009	11.69	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	389732	19.25	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	429096	18.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	31767	9.34	ng/ul	0.00
57) Fluorene-d10	15.68	176	345064	19.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	47994	13.33	ng/ul	0.00
70) Anthracene-d10	17.54	188	547193	20.32	ng/ul	0.00
78) Pyrene-d10	19.82	212	615880	20.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	673881	20.31	ng/ul	0.00

Target Compounds

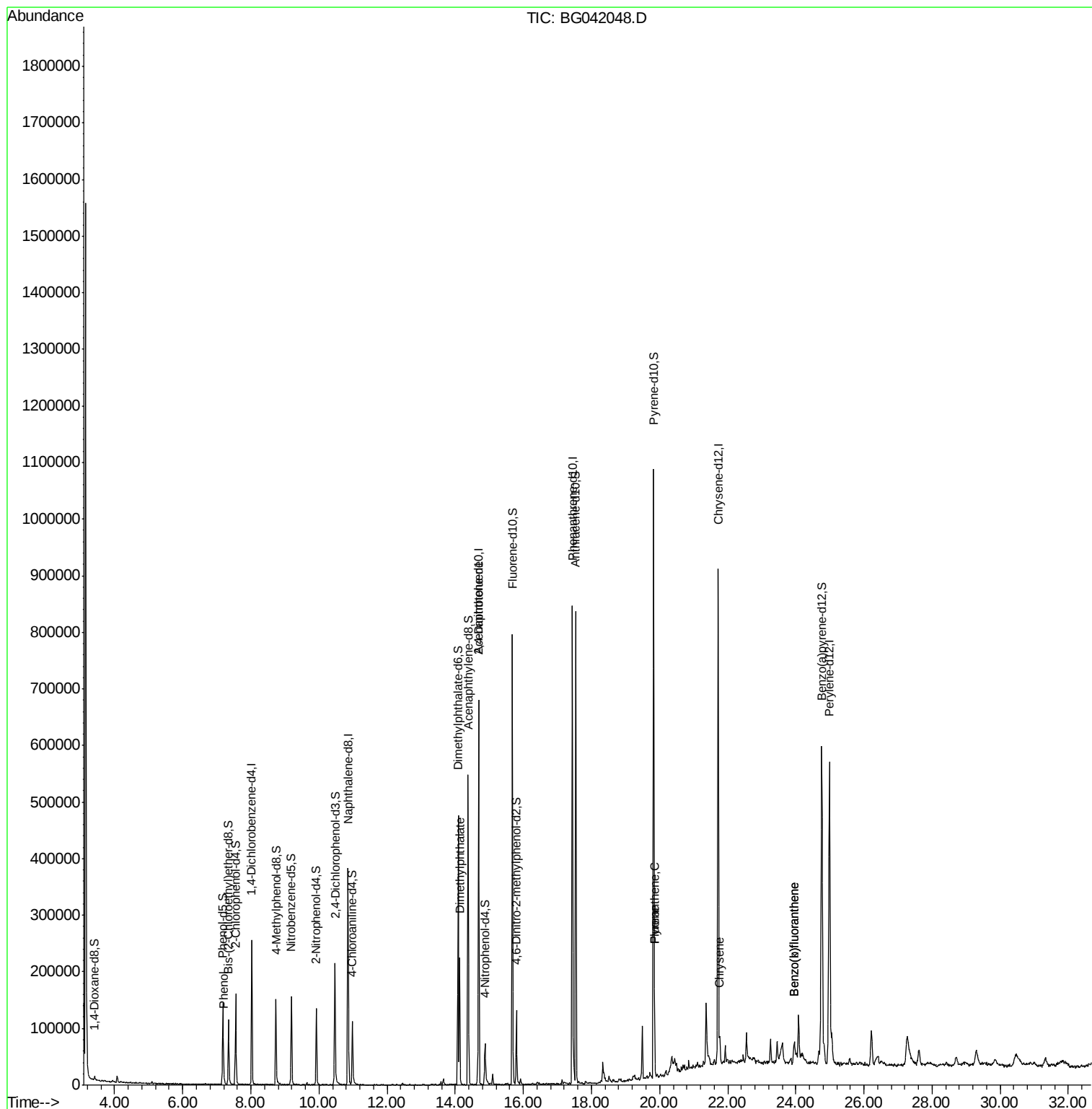
					Qvalue
6) Phenol	7.20	94	9343	1.332 ng/ul	93
44) Dimethylphthalate	14.13	163	169271	8.419 ng/ul	98
54) 2,4-Dinitrotoluene	14.69	165	34520	5.429 ng/ul#	44
76) Fluoranthene	19.85	202	56534	1.592 ng/ul	98
79) Pyrene	19.85	202	56534	1.542 ng/ul	97
84) Chrysene	21.77	228	36976	1.048 ng/ul	97
87) Benzo(b)fluoranthene	23.95	252	52987	1.329 ng/ul#	98
88) Benzo(k)fluoranthene	23.95	252	52987	1.383 ng/ul#	98

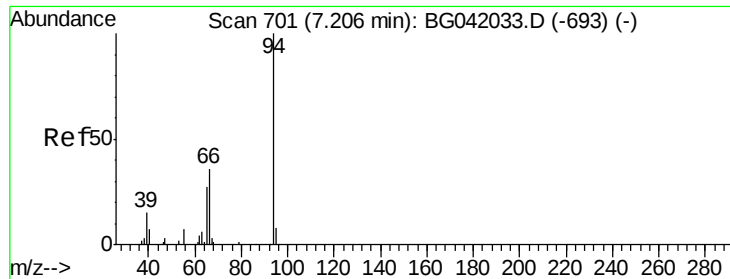
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.332 ng/ul

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG042048.D

Acq: 8 Aug 2019 2:33

Instrument :

BNA_G

ClientSampleId :

BENY1

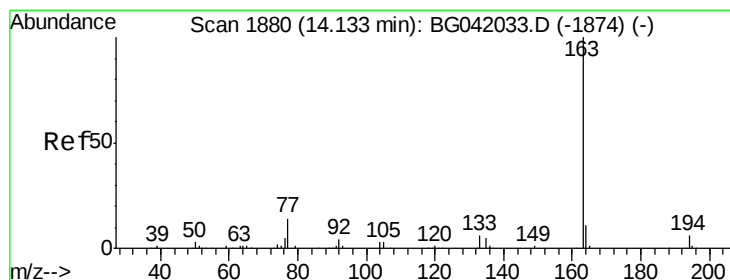
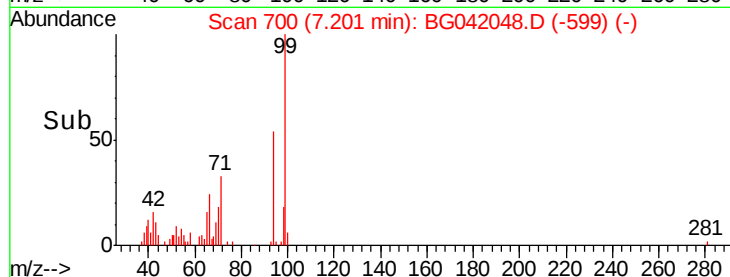
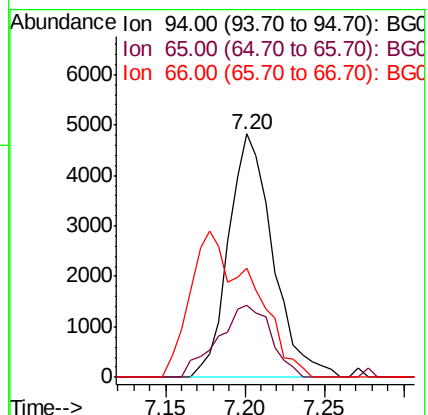
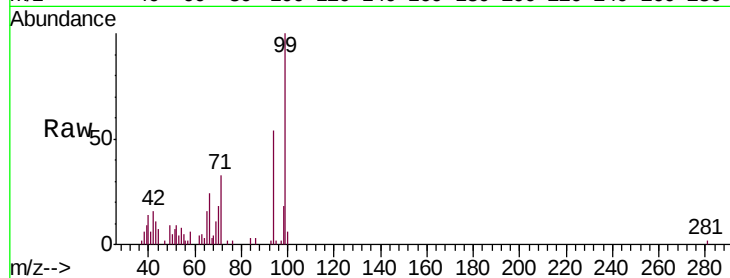
Tgt Ion: 94 Resp: 9343

Ion Ratio Lower Upper

94 100

65 29.7 25.8 38.6

66 45.1 31.8 47.8



#44

Dimethylphthalate

Concen: 8.419 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG042048.D

Acq: 8 Aug 2019 2:33

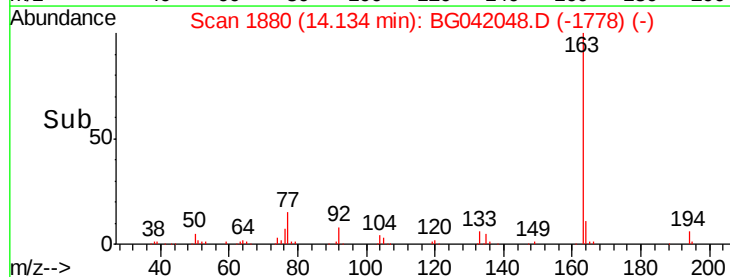
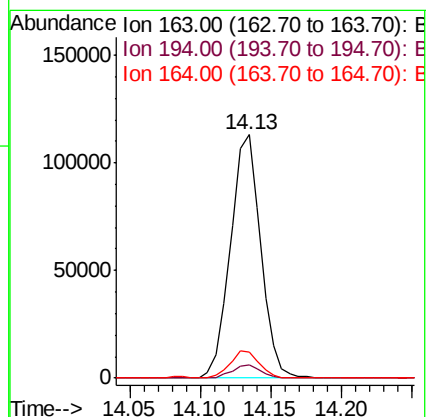
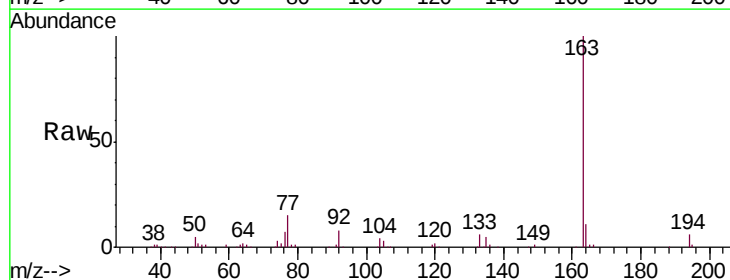
Tgt Ion: 163 Resp: 169271

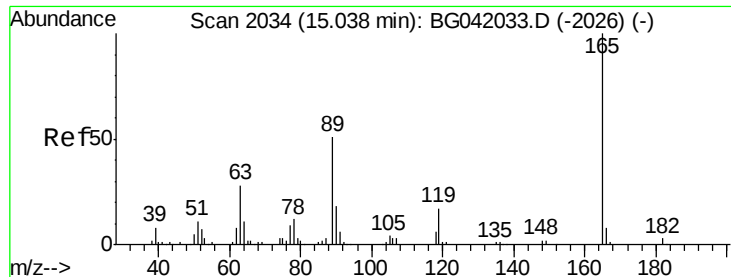
Ion Ratio Lower Upper

163 100

194 5.5 4.2 6.2

164 10.5 7.8 11.8

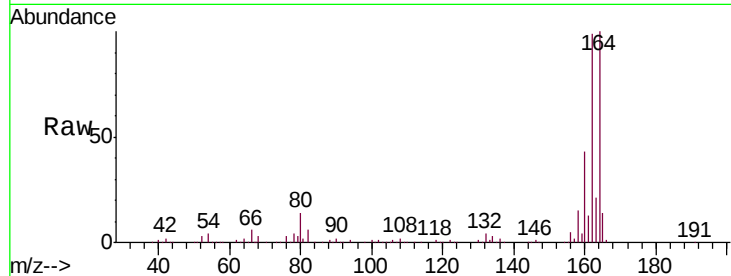




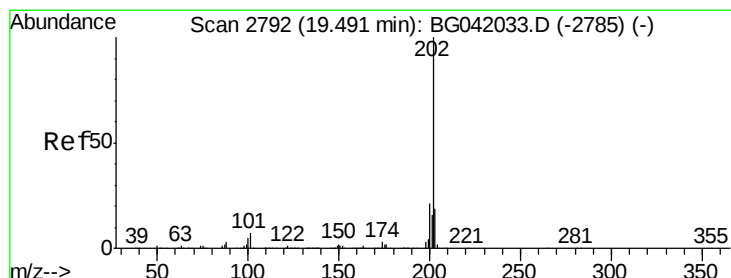
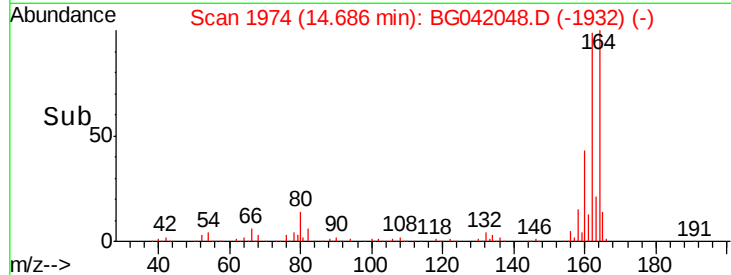
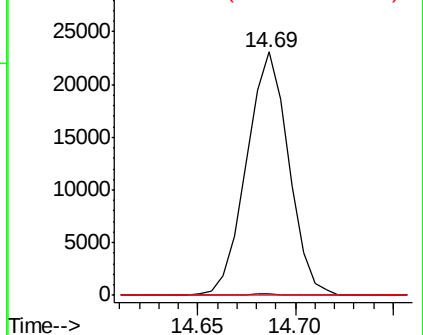
#54
 2,4-Dinitrotoluene
 Concen: 5.429 ng/ul
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.35 min
 Lab File: BG042048.D
 Acq: 8 Aug 2019 2:33

Instrument :
 BNA_G
 ClientSampleId :
 BENY1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.4	44.2#
182	0.0	2.6	4.0#

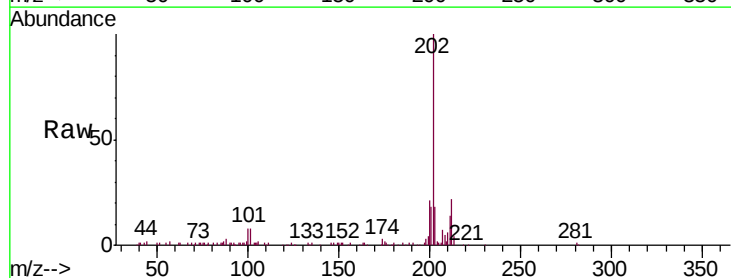


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 182.00 (181.70 to 182.70): E

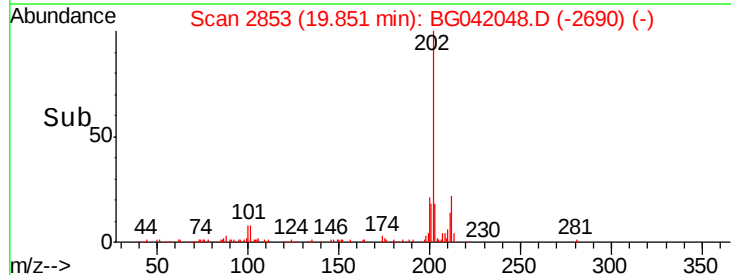
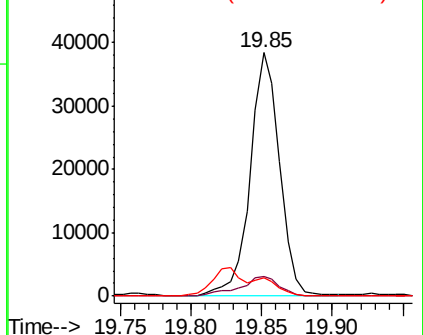


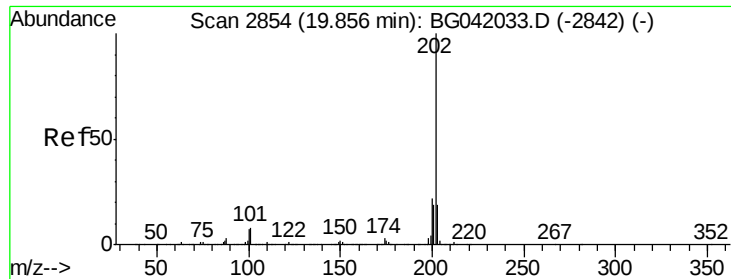
#76
 Fluoranthene
 Concen: 1.592 ng/ul
 RT: 19.85 min Scan# 2853
 Delta R.T. 0.36 min
 Lab File: BG042048.D
 Acq: 8 Aug 2019 2:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.7	10.1
100	7.5	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): BG

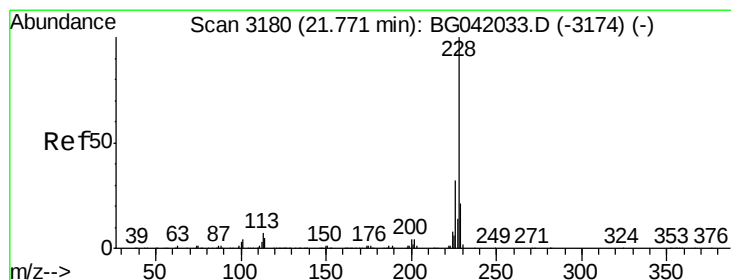
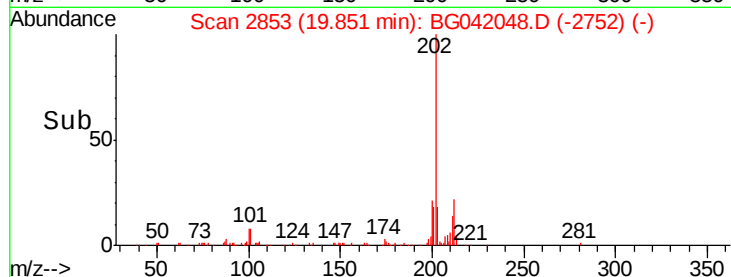
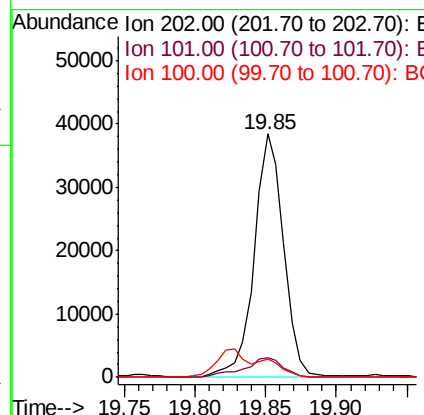
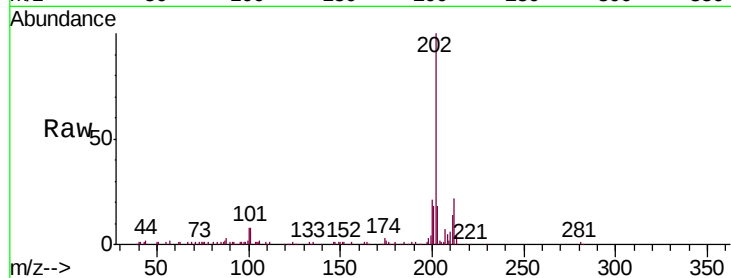




#79
Pyrene
Concen: 1.542 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG042048.D
Acq: 8 Aug 2019 2:33

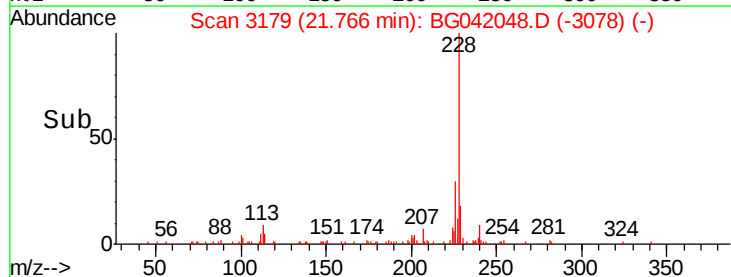
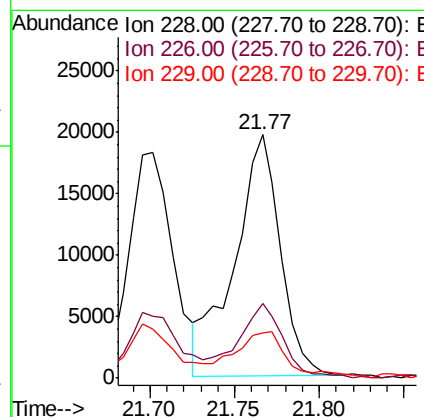
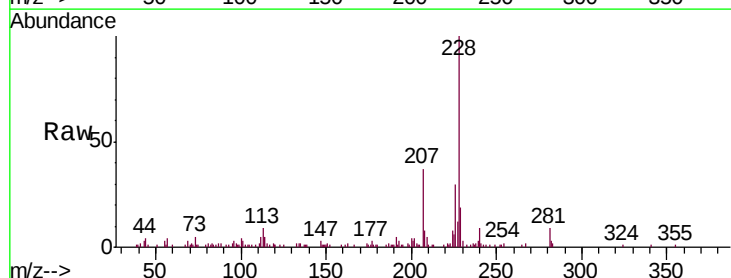
Instrument :
BNA_G
ClientSampleId :
BENY1

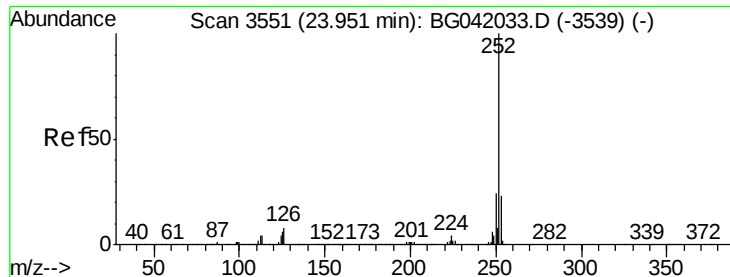
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	7.6	11.4
100	7.5	6.5	9.7



#84
Chrysene
Concen: 1.048 ng/ul
RT: 21.77 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BG042048.D
Acq: 8 Aug 2019 2:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.7	38.5
229	18.7	16.6	24.8





#87

Benzo(b)fluoranthene

Concen: 1.329 ng/ul

RT: 23.95 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BG042048.D

Acq: 8 Aug 2019 2:33

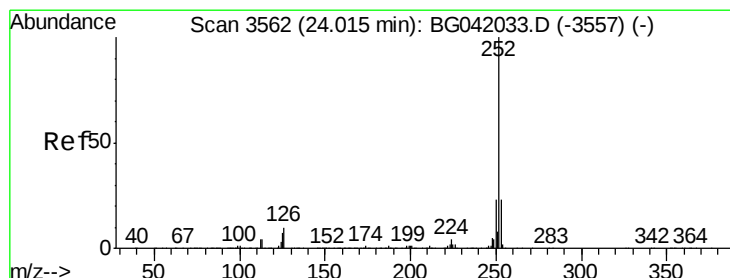
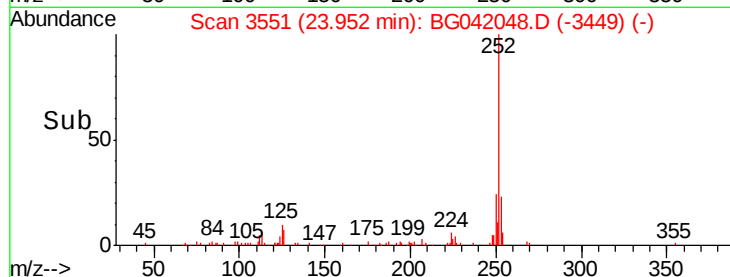
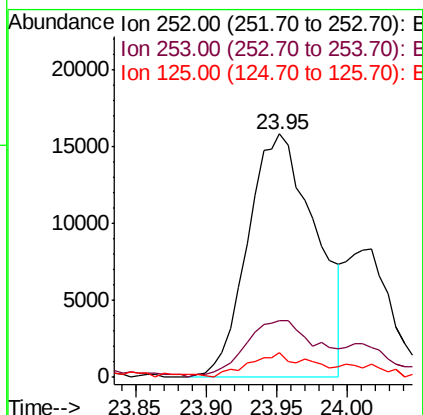
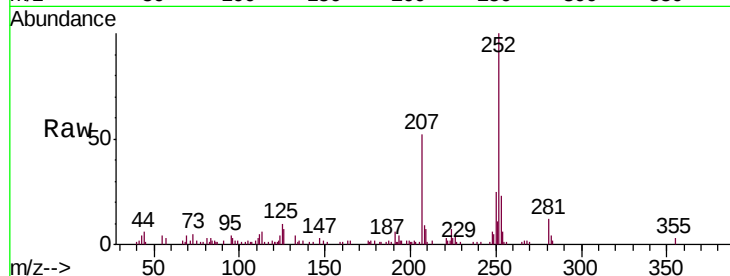
Instrument :

BNA_G

ClientSampleId :

BENY1

Tgt Ion:	252	Resp:	52987
Ion Ratio		Lower	Upper
252	100		
253	23.0	18.4	27.6
125	10.0	5.8	8.8#



#88

Benzo(k)fluoranthene

Concen: 1.383 ng/ul

RT: 23.95 min Scan# 3551

Delta R.T. -0.06 min

Lab File: BG042048.D

Acq: 8 Aug 2019 2:33

Tgt Ion:	252	Resp:	52987
Ion Ratio		Lower	Upper
252	100		
253	23.0	18.3	27.5
125	10.0	5.5	8.3#

