

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047666.D
 Acq On : 9 Dec 2020 3:38
 Operator : CG/JU
 Sample : L4942-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B98

Manual Integrations
 APPROVED

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Quant Time: Dec 09 05:28:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 03:54:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	27258	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	101138	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	79111	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	203137	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	209319	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	217071	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1468	2.87	ng/uL	-0.01
5) Phenol-d5	7.35	99	32839	14.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	18737	15.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.75	132	25107	14.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	24993	13.50	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	13270	16.09	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	15299	15.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	31286	14.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	29310	14.79	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	104323	15.18	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	129298	16.48	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	13663m	13.41	ng/ul	0.00
58) Fluorene-d10	15.82	176	99342	15.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	18594	13.52	ng/ul	0.00
71) Anthracene-d10	17.67	188	168548m	16.63	ng/ul	0.00
79) Pyrene-d10	19.94	212	206294	16.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	214758	16.94	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.38	94	4509	2.046	ng/ul#	82
45) Dimethylphthalate	14.27	163	27791	3.992	ng/ul#	96
77) Fluoranthene	19.61	202	50943	3.636	ng/ul#	97
80) Pyrene	19.97	202	46628	3.063	ng/ul#	96
83) Benzo(a)anthracene	21.83	228	28762m	1.923	ng/ul	
85) Chrysene	21.89	228	29537	2.093	ng/ul	96
88) Benzo(b)fluoranthene	24.14	252	50271m	3.318	ng/ul	
89) Benzo(k)fluoranthene	24.19	252	17786m	1.184	ng/ul	
91) Benzo(a)pyrene	25.04	252	32805	2.401	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.06	276	25491m	1.530	ng/ul	
94) Benzo(g,h,i)perylene	30.25	276	20177m	1.475	ng/ul	

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

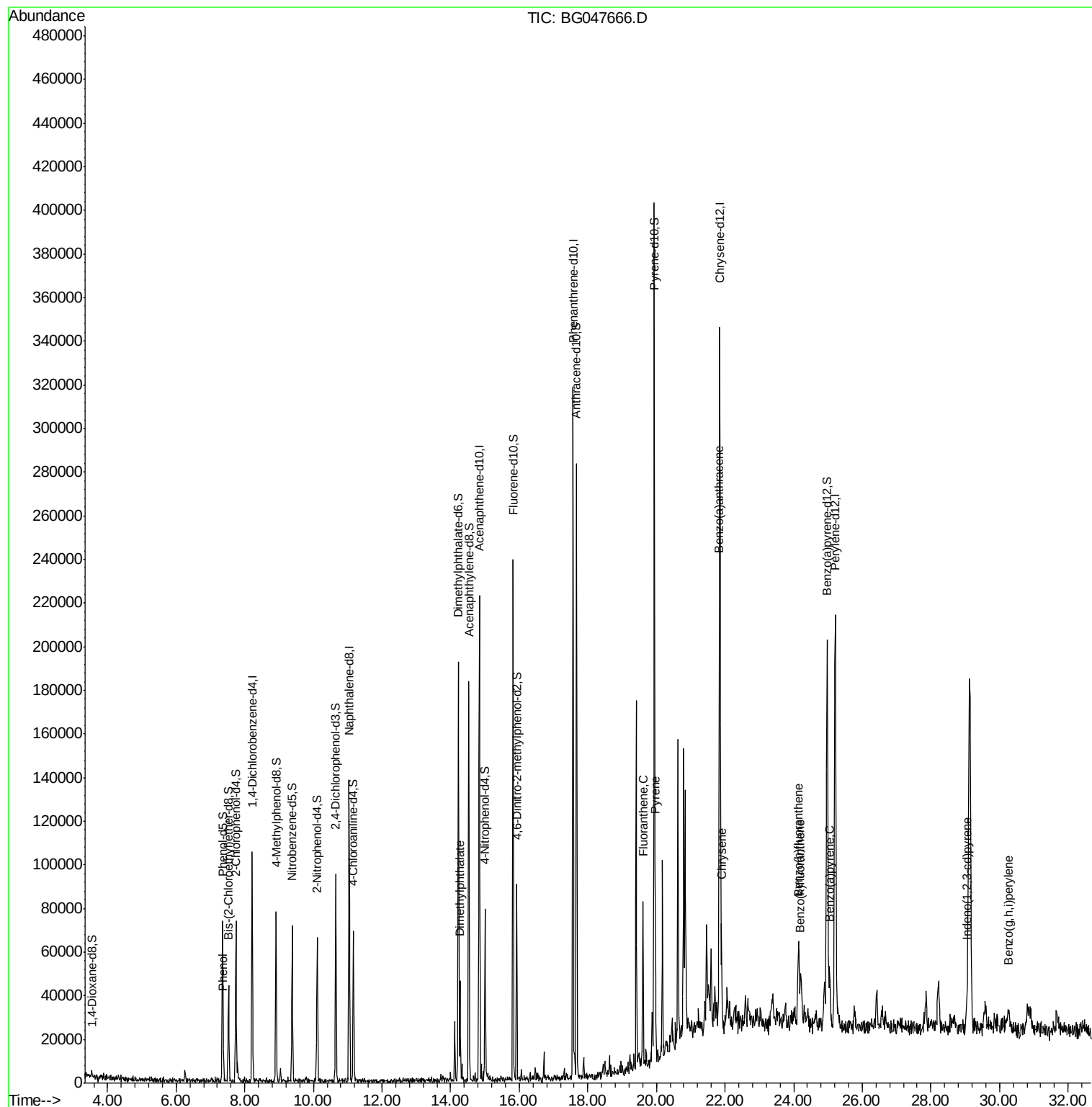
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047666.D
Acq On : 9 Dec 2020 3:38
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ALS Vial : 19 Sample Multiplier: 1

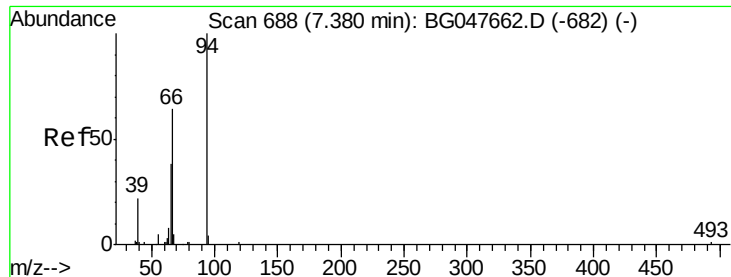
Instrument :
BNA_G
ClientSampleId :
C0B98

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Quant Time: Dec 09 05:28:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:54:21 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.046 ng/ul

RT: 7.38 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG047666.D

Acq: 9 Dec 2020 3:38

Instrument :

BNA_G

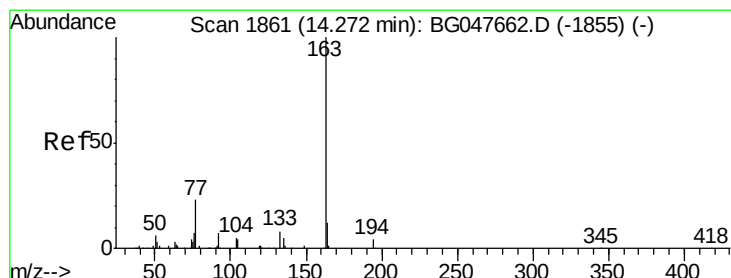
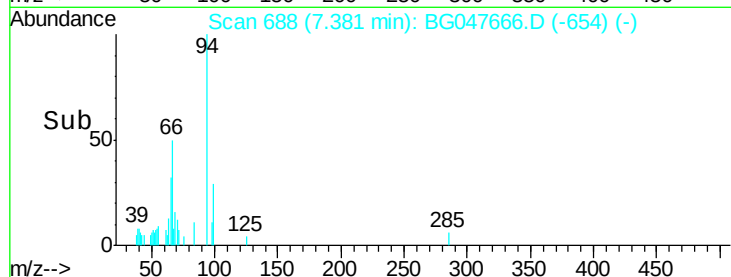
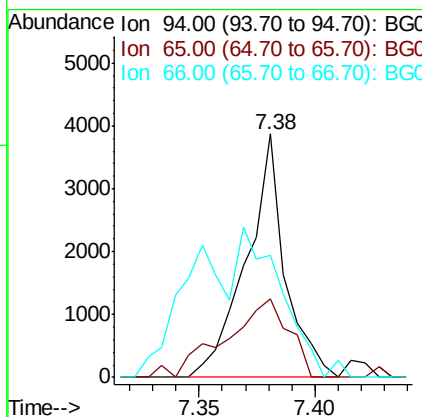
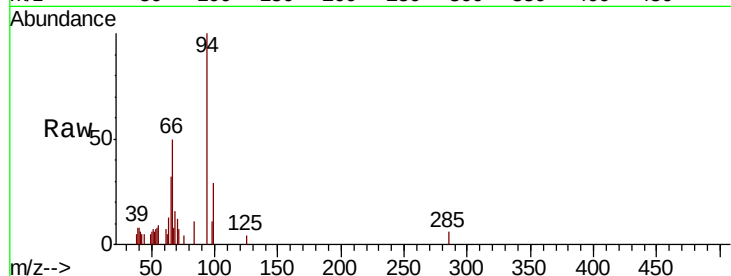
ClientSampleId :

C0B98

Tot Ion:	94	Resp:	4509
Ion	Ratio	Lower	Upper
94	100		
65	32.1	35.9	53.9#
66	50.2	50.1	75.1

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#45

Dimethylphthalate

Concen: 3.992 ng/ul

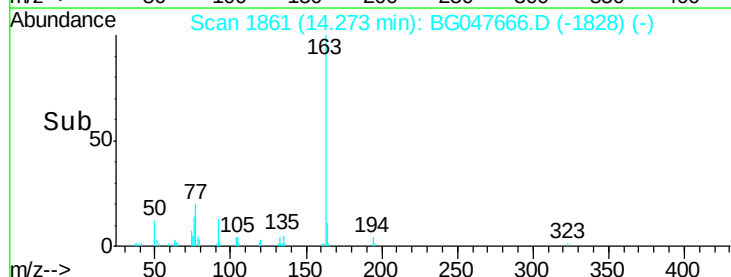
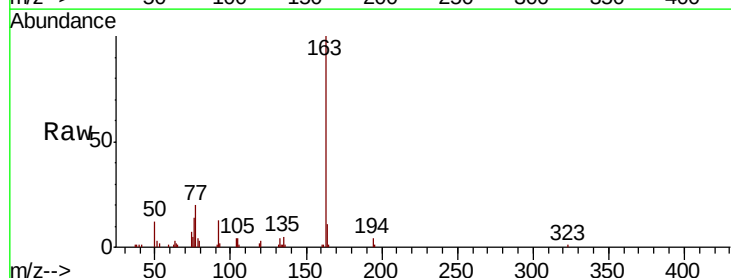
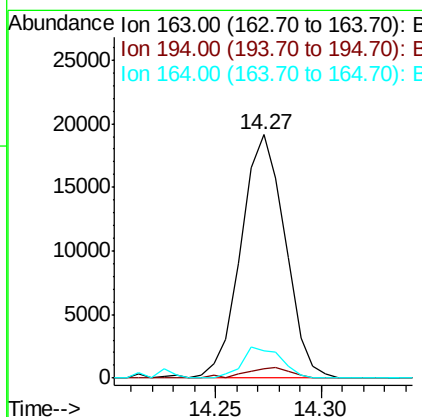
RT: 14.27 min Scan# 1861

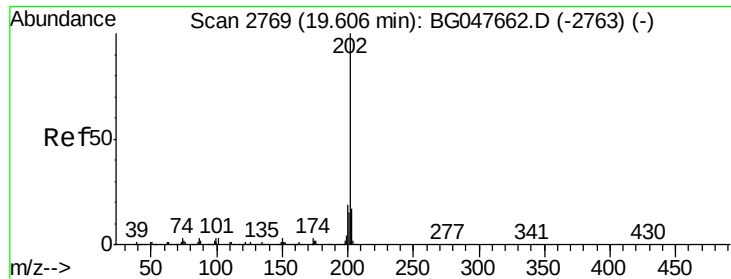
Delta R.T. -0.01 min

Lab File: BG047666.D

Acq: 9 Dec 2020 3:38

Tgt Ion:	163	Resp:	27791
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.9	5.9#
164	11.0	7.4	11.2





#77

Fluoranthene

Concen: 3.636 ng/ul

RT: 19.61 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG047666.D

Acq: 9 Dec 2020 3:38

Instrument :

BNA_G

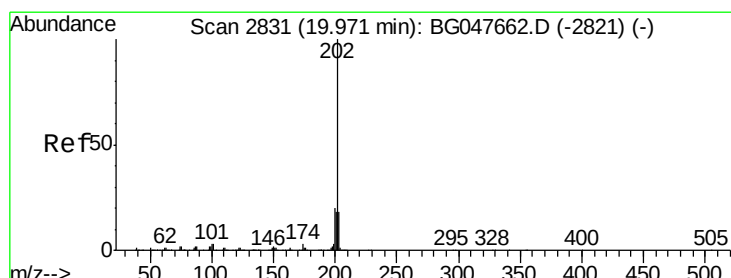
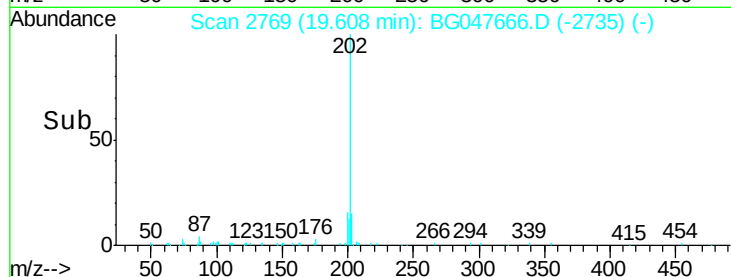
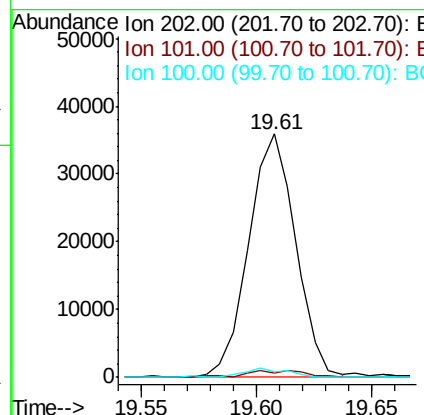
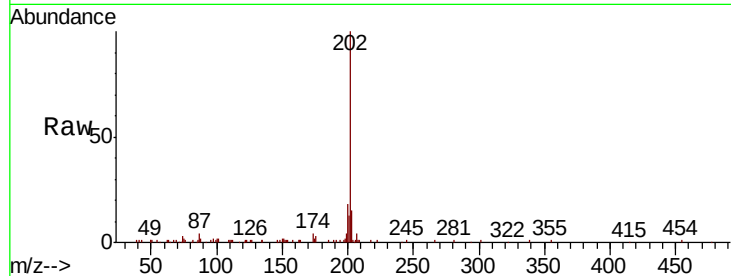
ClientSampleId :

C0B98

Tot Ion:	202	Resp:	50943
Ion Ratio	Lower	Upper	
202	100		
101	1.7	2.4	3.6#
100	2.5	2.6	3.8#

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#80

Pyrene

Concen: 3.063 ng/ul

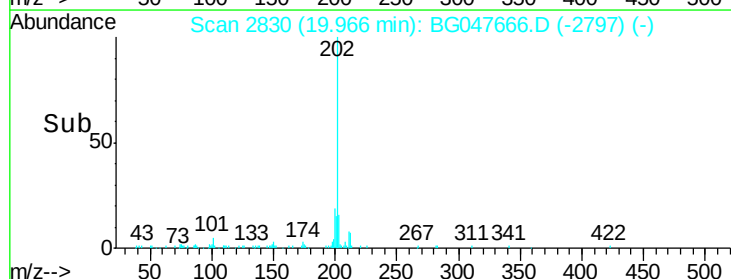
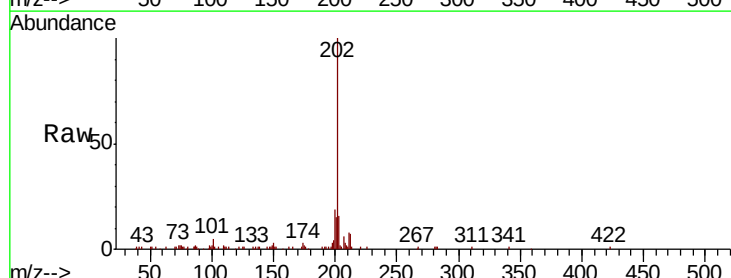
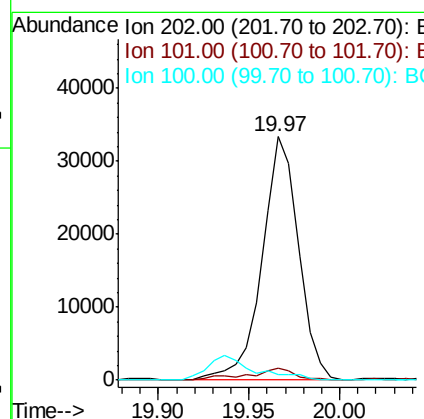
RT: 19.97 min Scan# 2830

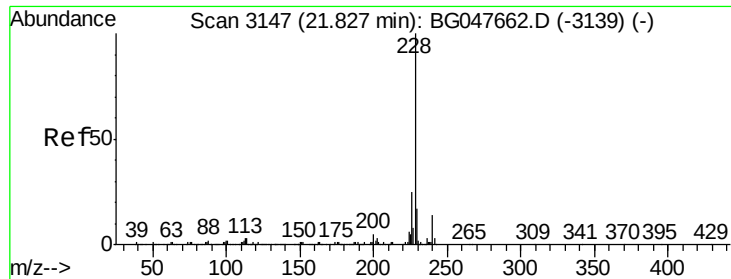
Delta R.T. -0.01 min

Lab File: BG047666.D

Acq: 9 Dec 2020 3:38

Tgt Ion:	202	Resp:	46628
Ion Ratio	Lower	Upper	
202	100		
101	4.8	2.5	3.7#
100	2.4	2.4	3.6#





#83

Benzo(a)anthracene

Concen: 1.923 ng/ul

RT: 21.83 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG047666.D

Acq: 9 Dec 2020 3:38

Instrument :

BNA_G

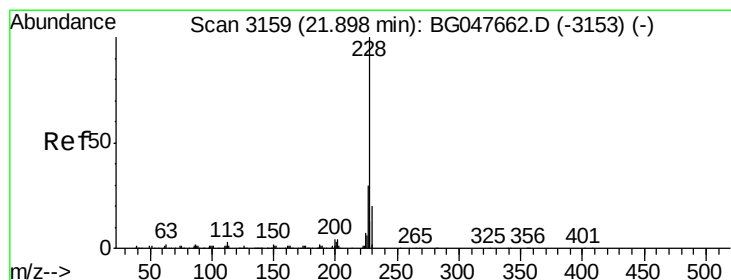
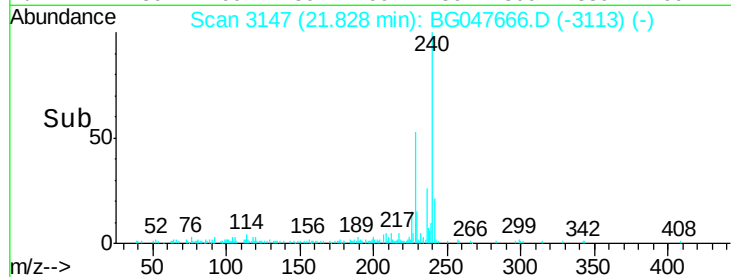
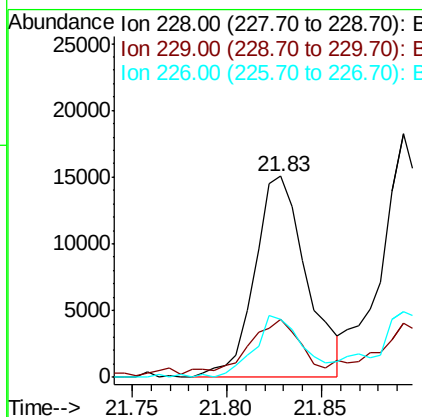
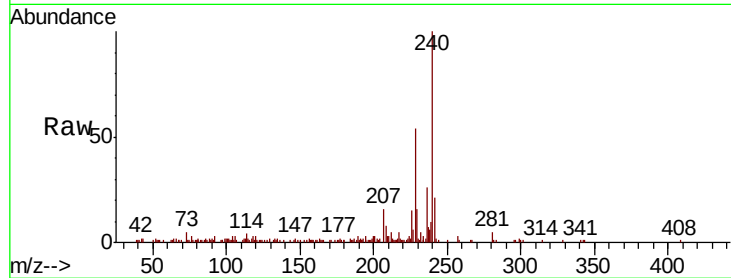
ClientSampleId :

C0B98

Tot Ion:	228	Resp:	28762
Ion Ratio	Lower	Upper	
228	100		
229	29.1	16.0	24.0#
226	28.6	22.4	33.6

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#85

Chrysene

Concen: 2.093 ng/ul

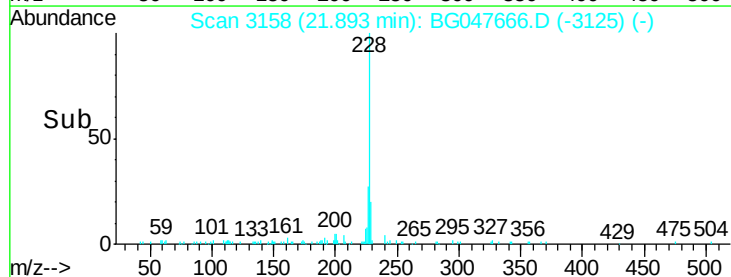
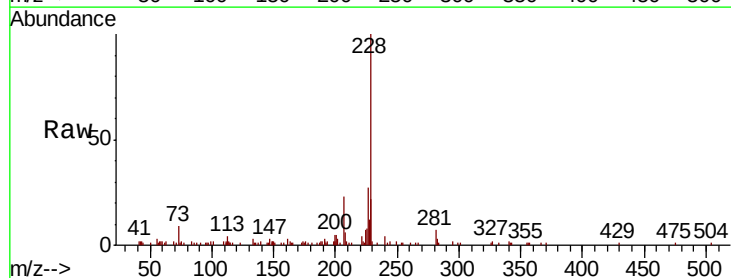
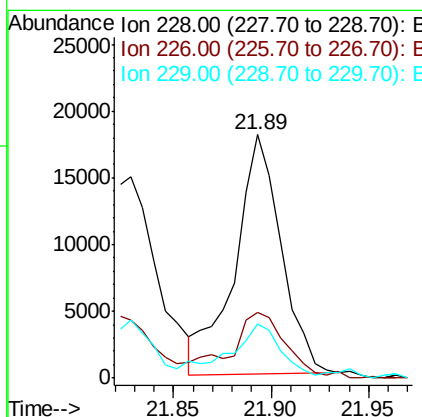
RT: 21.89 min Scan# 3158

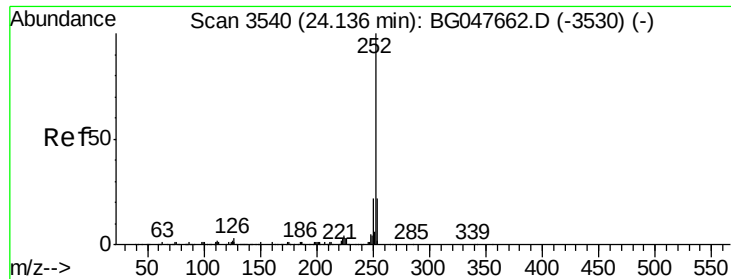
Delta R.T. -0.01 min

Lab File: BG047666.D

Acq: 9 Dec 2020 3:38

Tgt Ion:	228	Resp:	29537
Ion Ratio	Lower	Upper	
228	100		
226	26.8	23.0	34.4
229	22.2	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 3.318 ng/ul m

RT: 24.14 min Scan# 3540

Delta R.T. 0.00 min

Lab File: BG047666.D

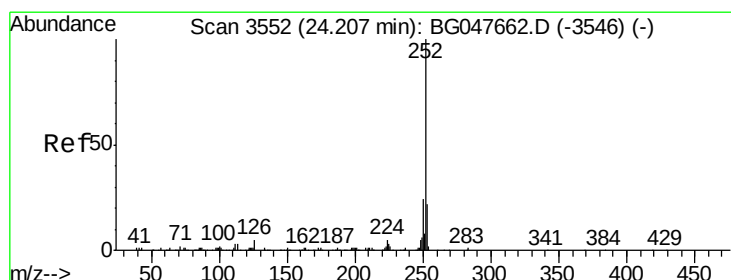
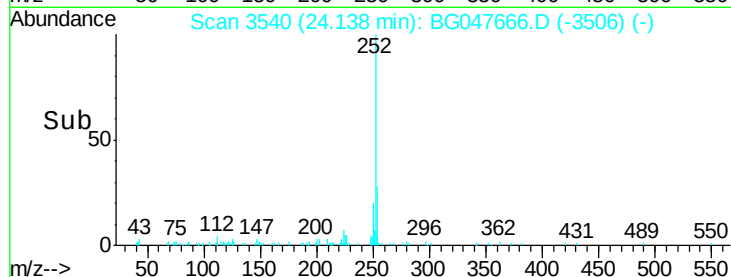
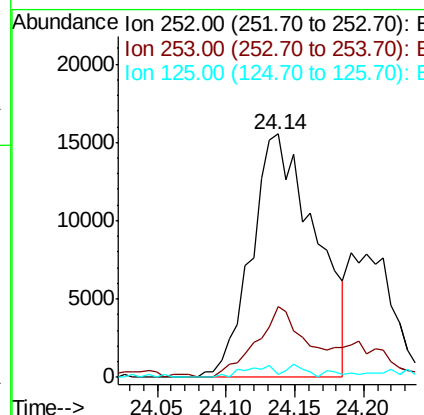
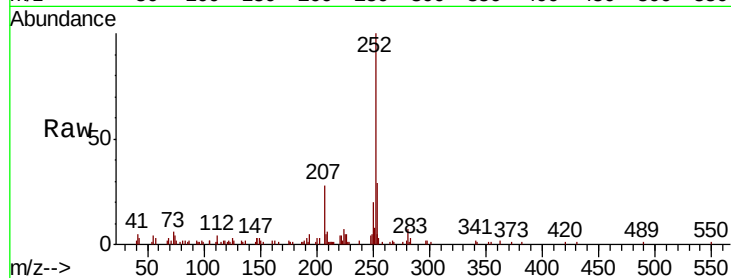
Acq: 9 Dec 2020 3:38

Instrument :
BNA_G
ClientSampleId :
C0B98

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.1	18.7	28.1#
125	1.4	2.6	3.8#

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#89

Benzo(k)fluoranthene

Concen: 1.184 ng/ul m

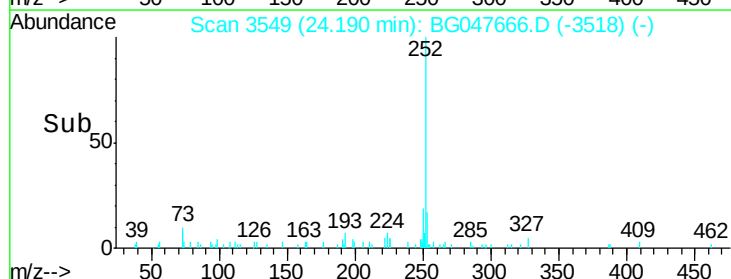
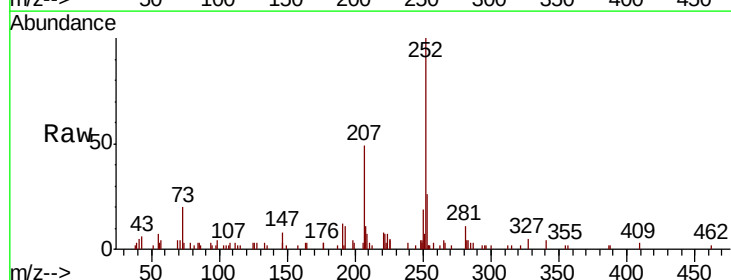
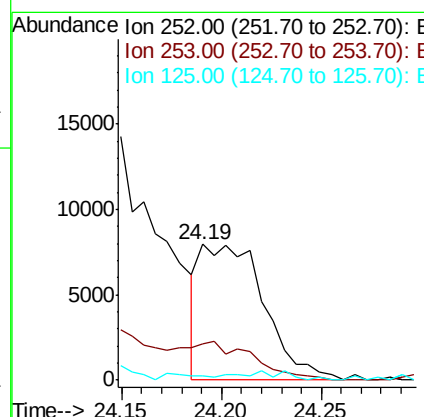
RT: 24.19 min Scan# 3549

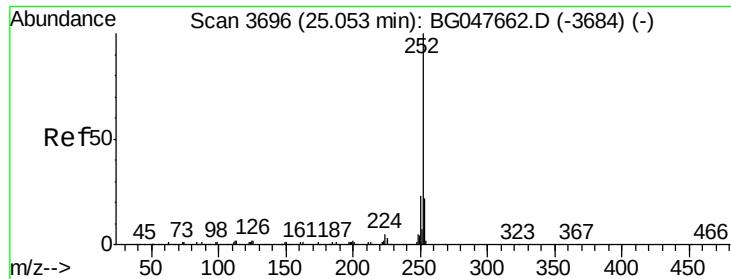
Delta R.T. -0.02 min

Lab File: BG047666.D

Acq: 9 Dec 2020 3:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	16.9	25.3#
125	3.1	2.2	3.4





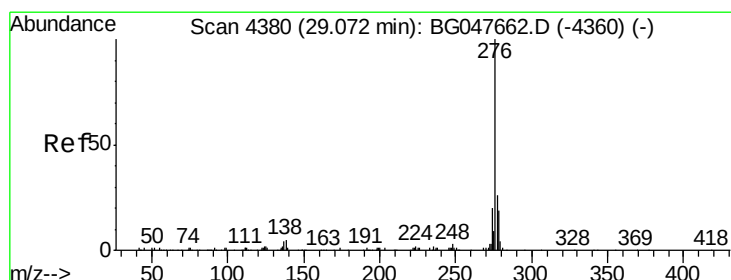
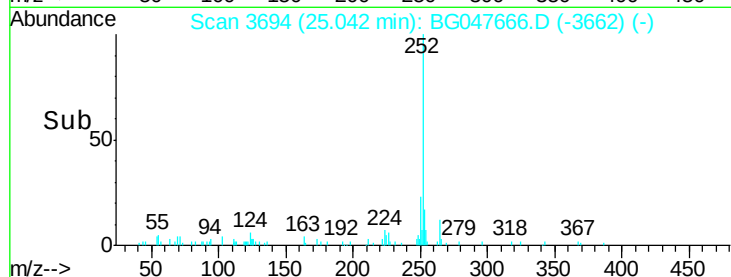
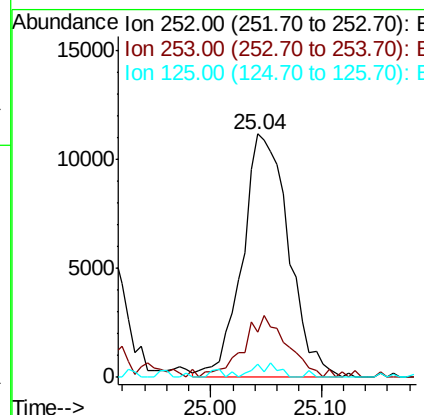
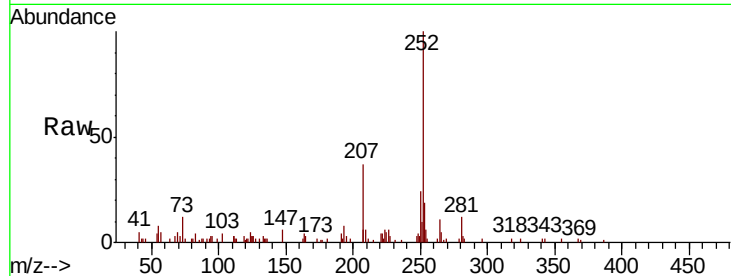
#91
Benzo(a)pyrene
Concen: 2.401 ng/ul
RT: 25.04 min Scan# 3694
Delta R.T. -0.01 min
Lab File: BG047666.D
Acq: 9 Dec 2020 3:38

Instrument :
BNA_G
ClientSampleId :
C0B98

Tot Ion	Ratio	Lower	Upper
252	100		
253	18.7	16.9	25.3
125	5.5	2.6	3.8

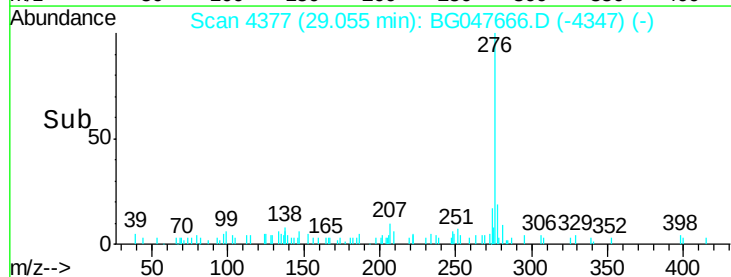
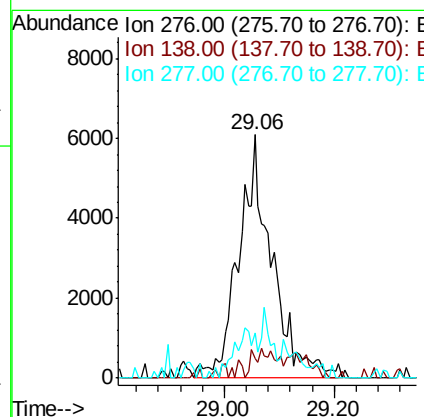
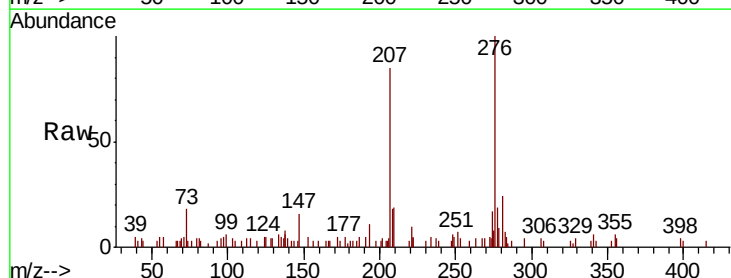
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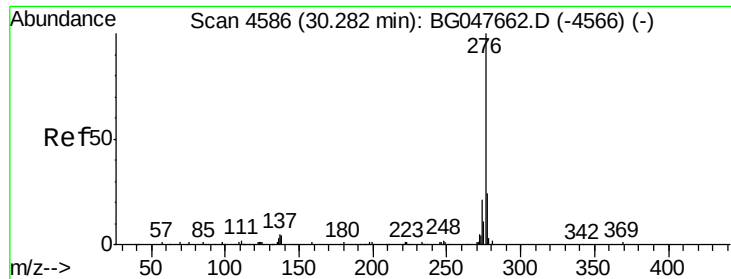
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.530 ng/ul m
RT: 29.06 min Scan# 4377
Delta R.T. -0.02 min
Lab File: BG047666.D
Acq: 9 Dec 2020 3:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.0	3.3	4.9
277	18.7	18.6	27.8





#94

Benzo(a,h,i)perylene

Concen: 1.475 ng/ul m

RT: 30.25 min Scan# 4581

Delta R.T. -0.02 min

Lab File: BG047666.D

Acq: 9 Dec 2020 3:38

Instrument :

BNA_G

ClientSampleId :

C0B98

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	4.7	7.1#
277	30.7	21.9	32.9

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