

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042185.D
 Acq On : 13 Aug 2019 17:50
 Operator : HP/JU
 Sample : K4215-11
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ET0C2

Manual Integrations
 APPROVED

mohammad
 8/20/2019 8:35:50 AM

Quant Time: Aug 14 05:40:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:56:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	70423	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	290272	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	195647	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	399702m	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	408012	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	489397	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4204	2.61	ng/uL	0.00
5) Phenol-d5	7.18	99	103545	18.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	53543	17.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	98347	20.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	77871	16.78	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	47295	21.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	58909	23.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	110344	21.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	118572	20.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	347222	22.88	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	406809	23.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	30496	11.97	ng/ul	0.00
57) Fluorene-d10	15.68	176	318186	23.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	23393m	9.12	ng/ul	0.00
70) Anthracene-d10	17.54	188	503374	26.25	ng/ul	0.00
78) Pyrene-d10	19.83	212	570229	25.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	680687	26.62	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.21	94	10394	1.822	ng/ul	98
28) Naphthalene	10.90	128	37752	2.544	ng/ul	98
34) 2-Methylnaphthalene	12.51	142	46646	3.955	ng/ul	96
44) Dimethylphthalate	14.13	163	87700	5.821	ng/ul	98
49) Acenaphthene	14.75	153	16744	1.369	ng/ul	97
58) Fluorene	15.73	166	22981	1.563	ng/ul	97
69) Phenanthrene	17.48	178	130152m	5.948	ng/ul	
71) Anthracene	17.57	178	28188	1.270	ng/ul	99
76) Fluoranthene	19.49	202	149777m	5.924	ng/ul	
79) Pyrene	19.85	202	123642	4.505	ng/ul	96
82) Benzo(a)anthracene	21.70	228	57775	2.042	ng/ul	96
84) Chrysene	21.77	228	54233m	2.054	ng/ul	
87) Benzo(b)fluoranthene	23.96	252	64200	2.090	ng/ul#	85
90) Benzo(a)pyrene	24.84	252	48041	1.642	ng/ul#	87

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

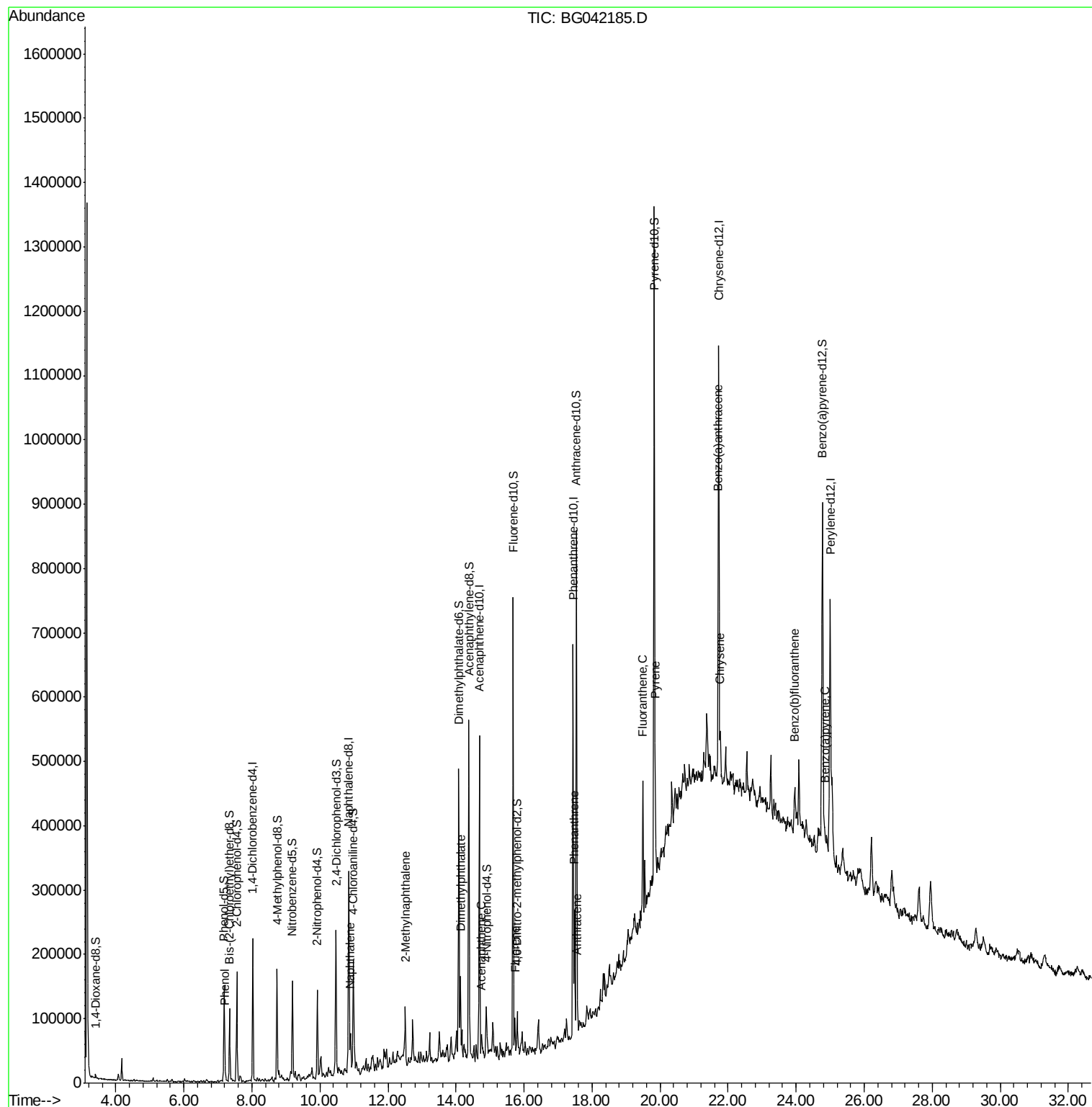
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042185.D
Acq On : 13 Aug 2019 17:50
Operator : HP/JU
Sample : K4215-11
Misc :
ALS Vial : 49 Sample Multiplier: 1

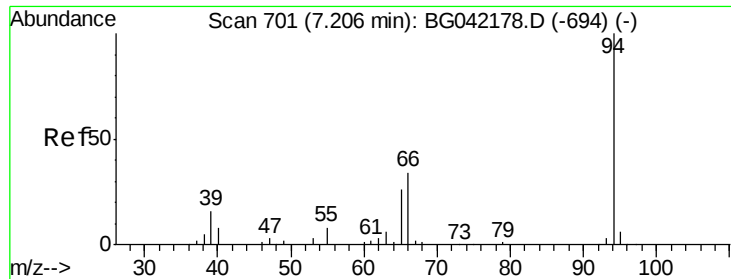
Instrument :
BNA_G
ClientSampleId :
ETOC2

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Quant Title : SVOA CALIBRATION
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#6

Phenol

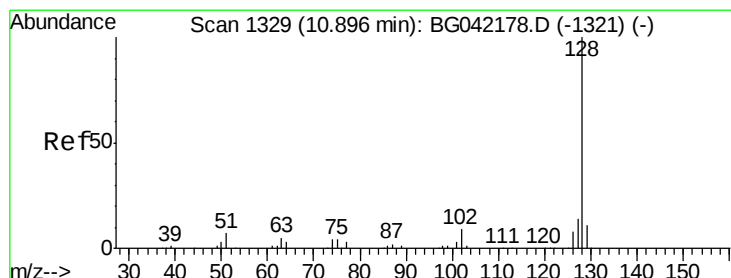
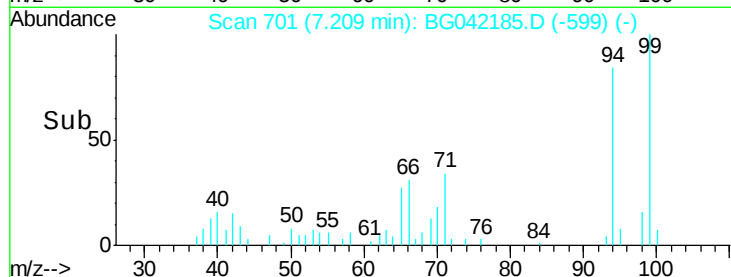
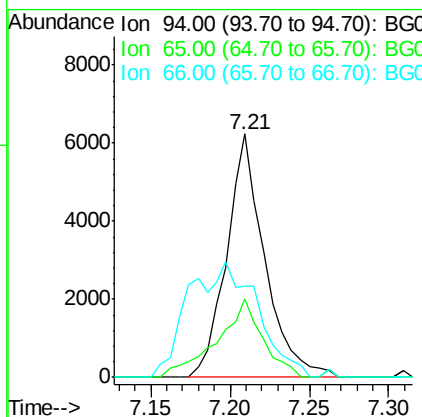
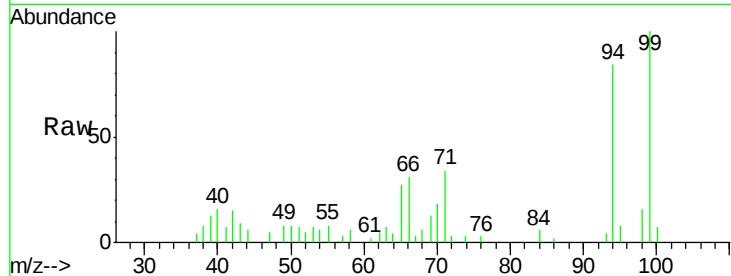
Concen: 1.822 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG042185.D
 Acq: 13 Aug 2019 17:50

Instrument :
 BNA_G
 ClientSampleId :
 ETOC2

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.4	25.8	38.6
66	37.3	31.8	47.8

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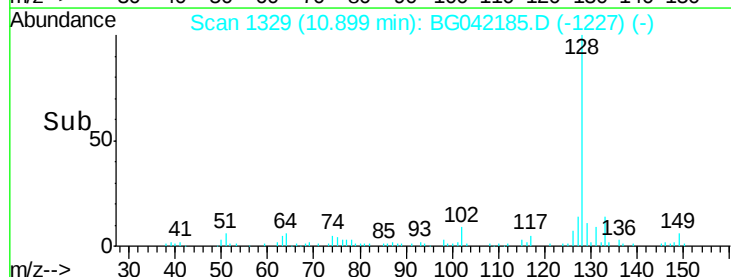
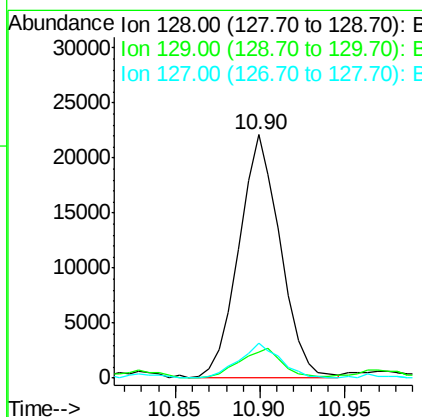
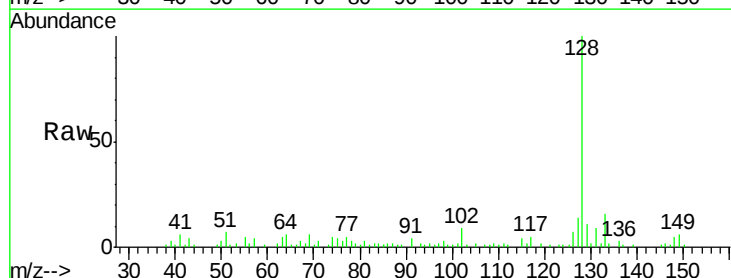


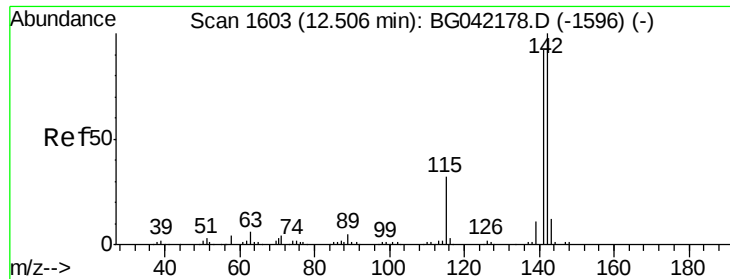
#28

Naphthalene

Concen: 2.544 ng/ul
 RT: 10.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BG042185.D
 Acq: 13 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.5	14.3
127	14.2	11.4	17.0





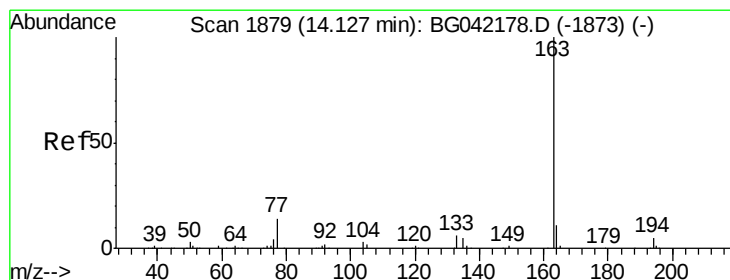
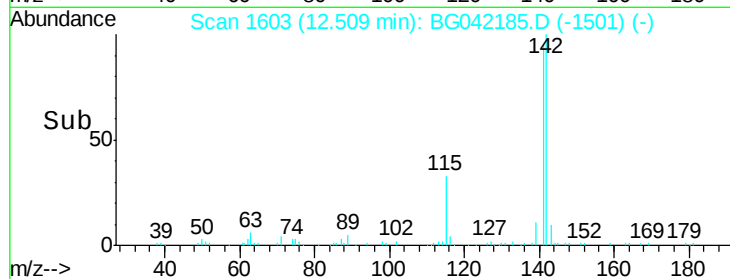
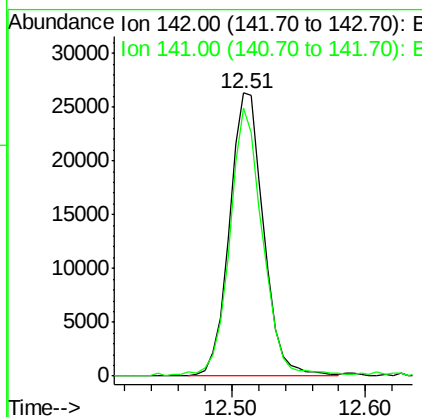
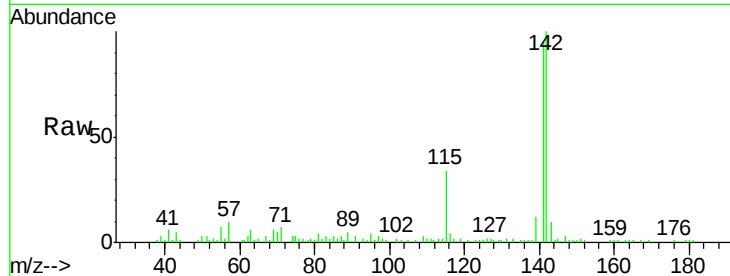
#34
 2-Methylnaphthalene
 Concen: 3.955 ng/ul
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG042185.D
 Acq: 13 Aug 2019 17:50

Instrument :
 BNA_G
 ClientSampleId :
 ET0C2

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.8	72.9	109.3

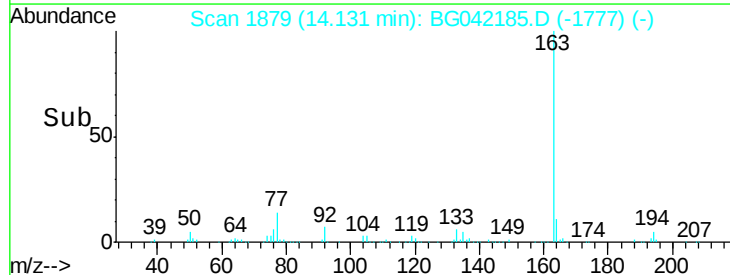
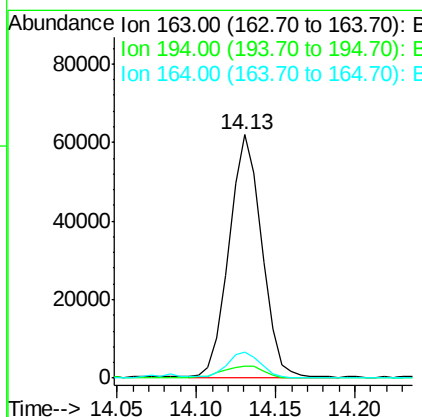
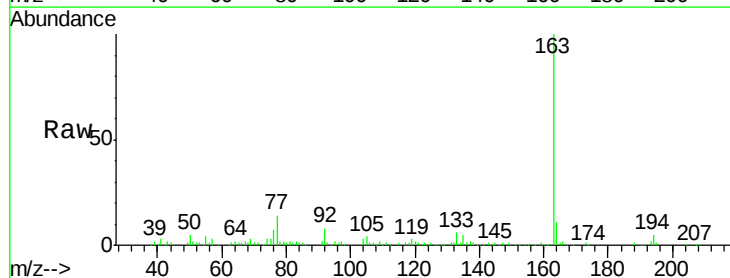
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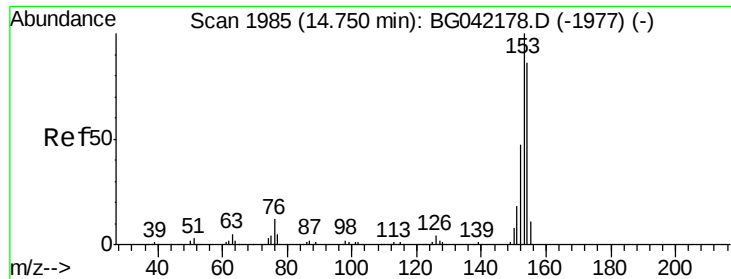
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#44
 Dimethylphthalate
 Concen: 5.821 ng/ul
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG042185.D
 Acq: 13 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	10.9	7.8	11.8





#49

Acenaphthene

Concen: 1.369 ng/ul

RT: 14.75 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG042185.D

Acq: 13 Aug 2019 17:50

Instrument :

BNA_G

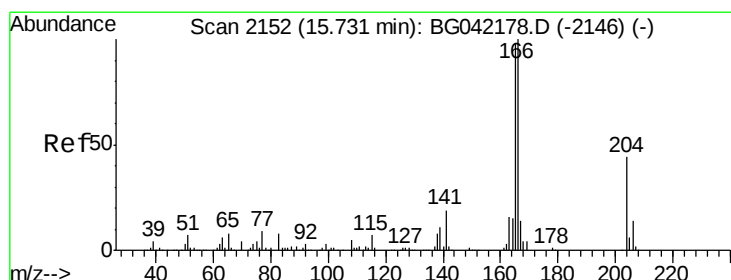
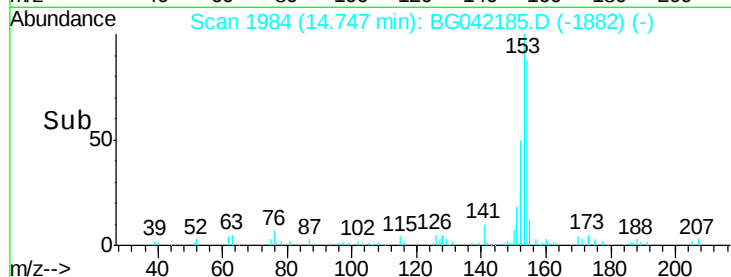
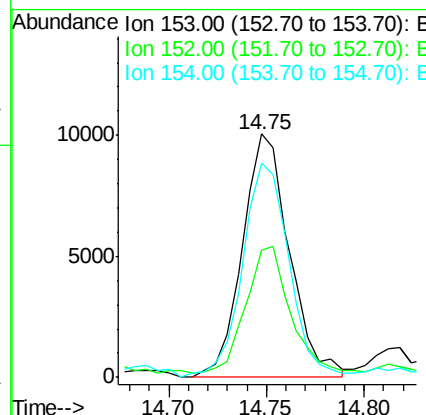
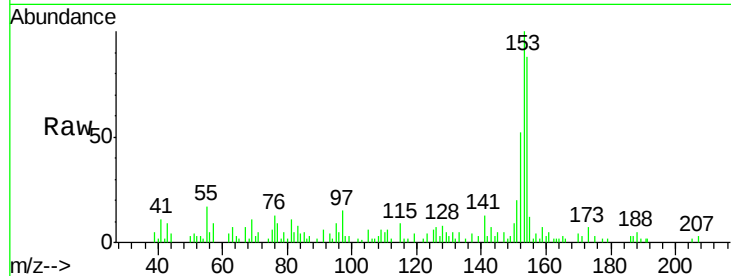
ClientSampleId :

ETOC2

Tot Ion:	153	Resp:	16744
Ion	Ratio	Lower	Upper
153	100		
152	52.1	37.8	56.8
154	87.8	69.4	104.2

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#58

Fluorene

Concen: 1.563 ng/ul

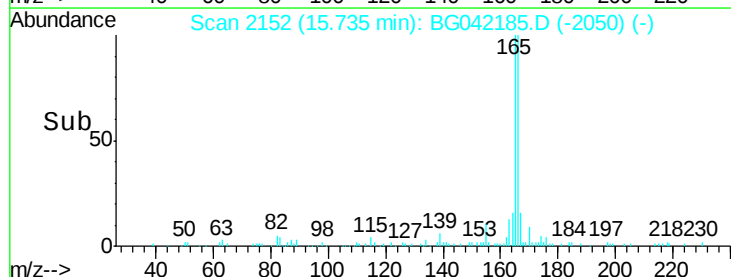
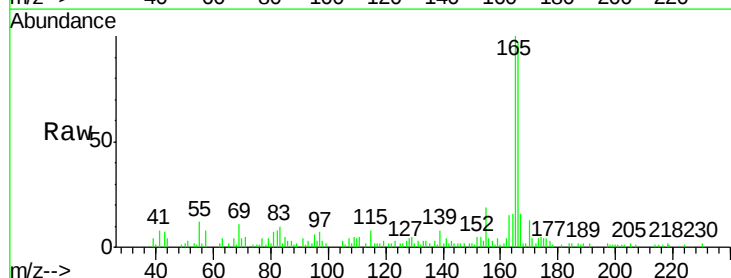
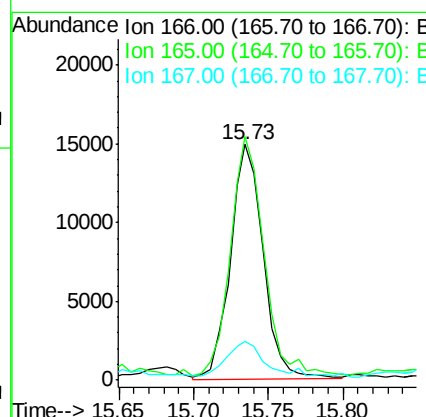
RT: 15.73 min Scan# 2152

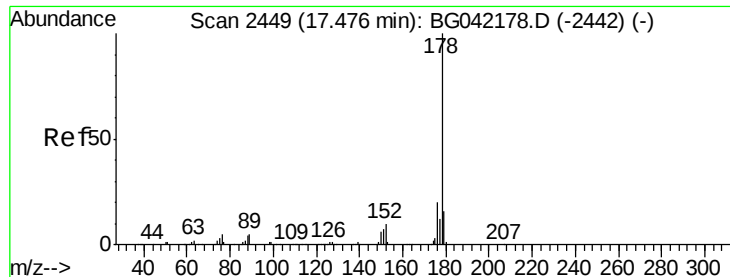
Delta R.T. -0.00 min

Lab File: BG042185.D

Acq: 13 Aug 2019 17:50

Tgt Ion:	166	Resp:	22981
Ion	Ratio	Lower	Upper
166	100		
165	103.5	81.1	121.7
167	16.3	11.0	16.4





#69

Phenanthrene

Concen: 5.948 ng/ul m

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042185.D

Acq: 13 Aug 2019 17:50

Instrument :

BNA_G

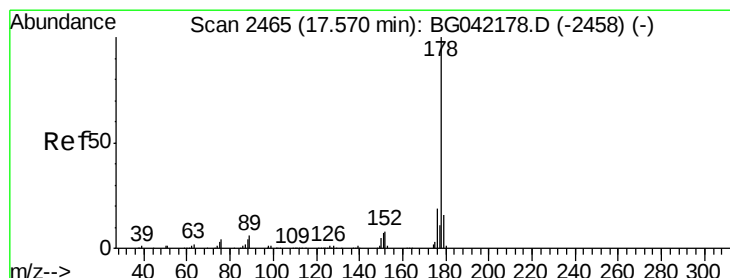
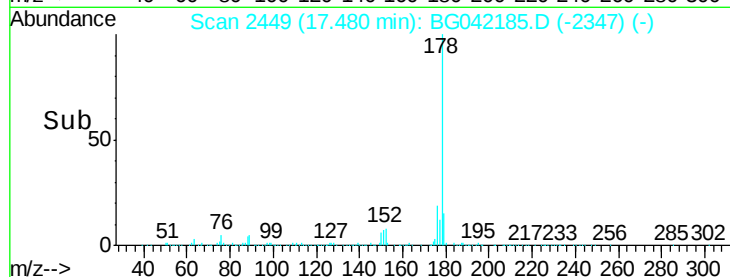
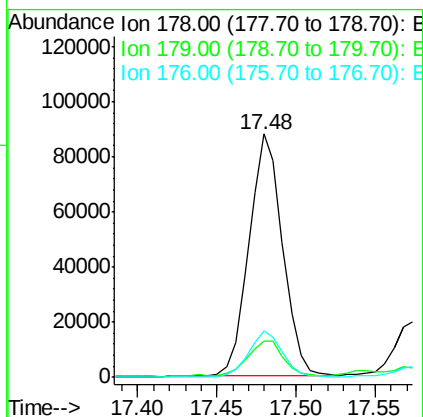
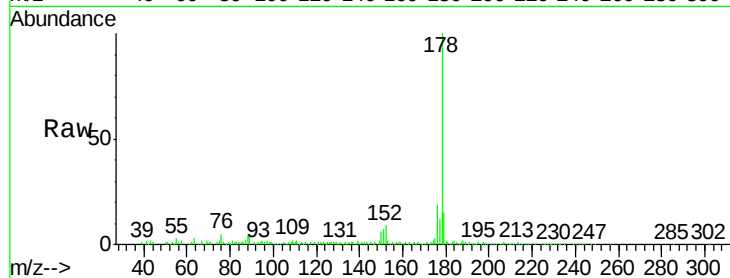
ClientSampleId :

ETOC2

Tot Ion:	178	Resp:	130152
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.8	19.2
176	19.1	15.4	23.2

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#71

Anthracene

Concen: 1.270 ng/ul

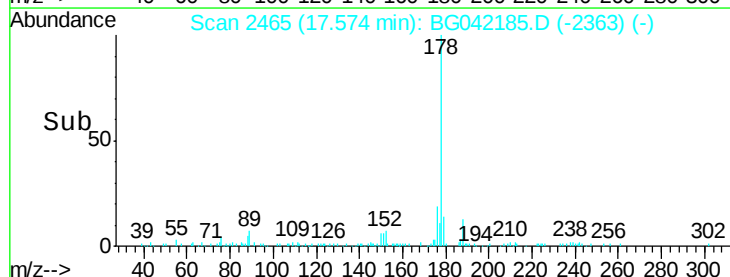
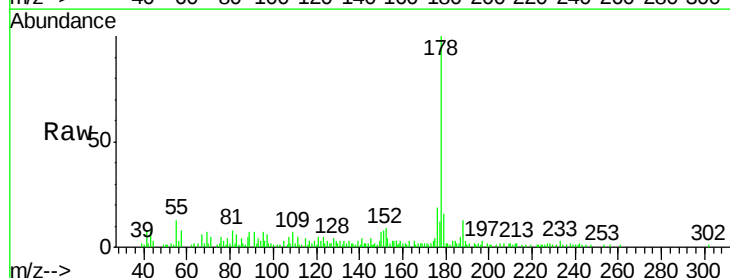
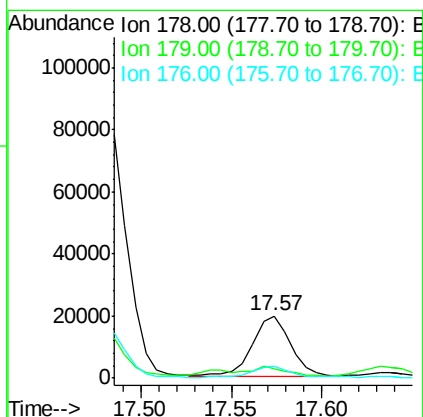
RT: 17.57 min Scan# 2465

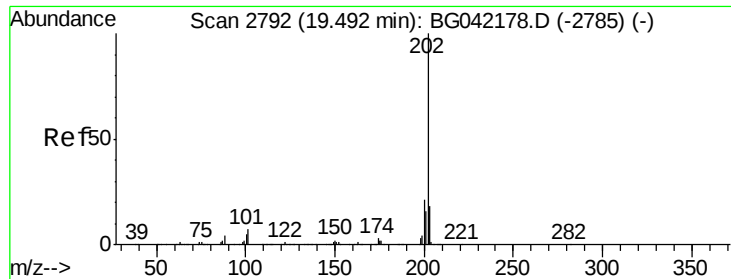
Delta R.T. -0.00 min

Lab File: BG042185.D

Acq: 13 Aug 2019 17:50

Tgt Ion:	178	Resp:	28188
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.4	20.0
176	18.9	15.4	23.2





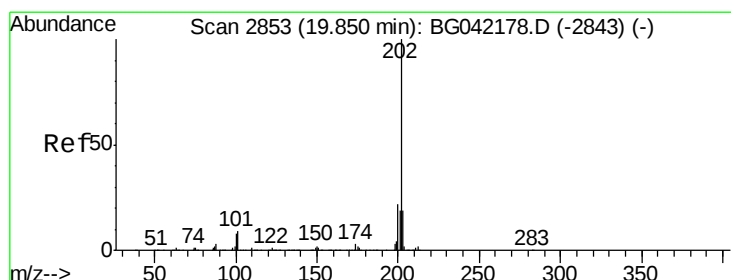
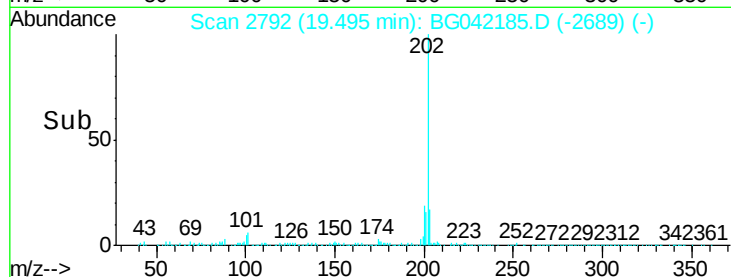
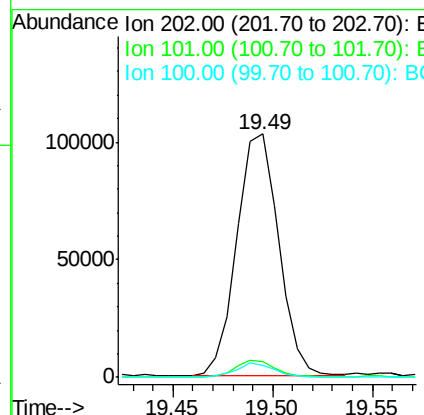
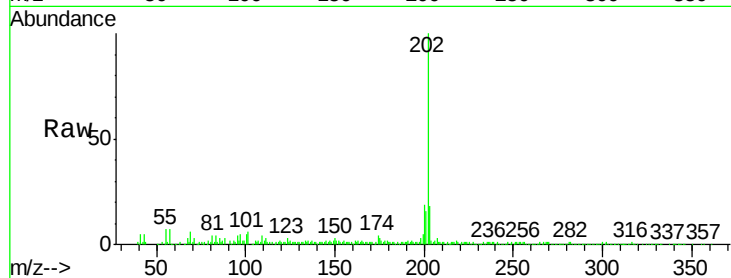
#76
Fluoranthene
Concen: 5.924 ng/ul m
RT: 19.49 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BG042185.D
Acq: 13 Aug 2019 17:50

Instrument :
BNA_G
ClientSampleId :
ETOC2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.4	6.7	10.1#
100	5.2	5.3	7.9#

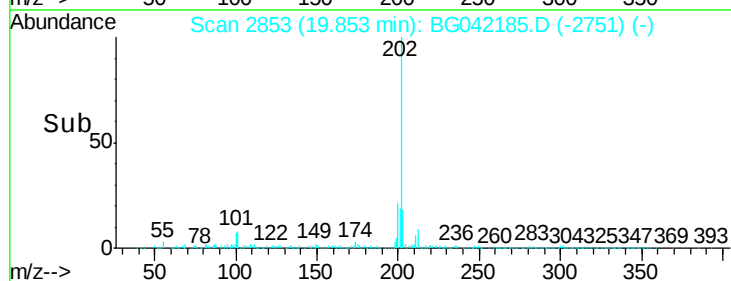
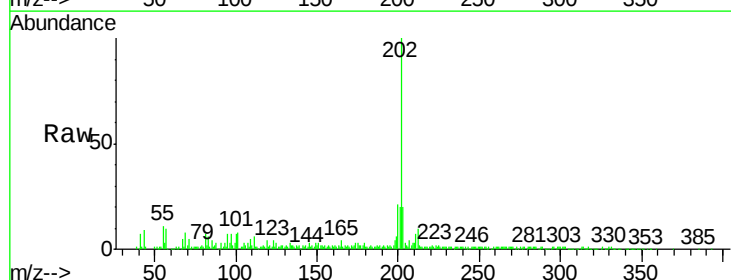
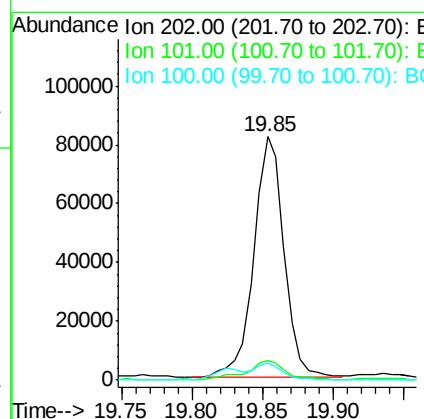
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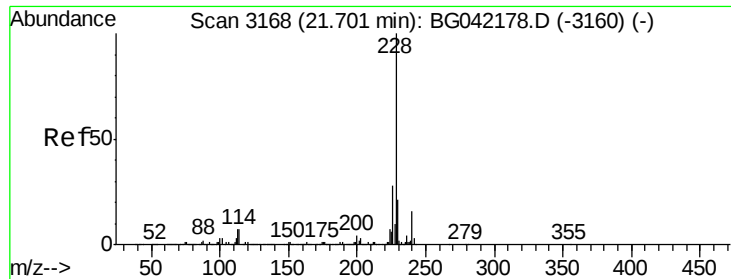
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#79
Pyrene
Concen: 4.505 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG042185.D
Acq: 13 Aug 2019 17:50

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.9	7.6	11.4
100	7.0	6.5	9.7





#82

Benzo(a)anthracene

Concen: 2.042 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG042185.D

Acq: 13 Aug 2019 17:50

Instrument :

BNA_G

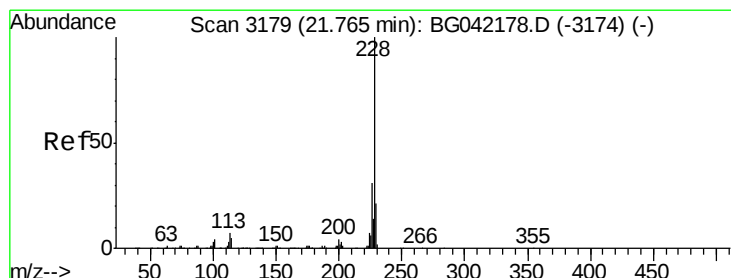
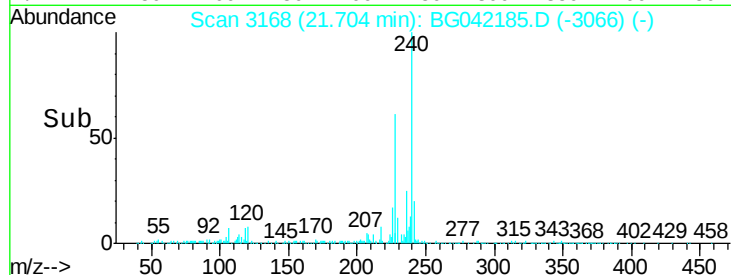
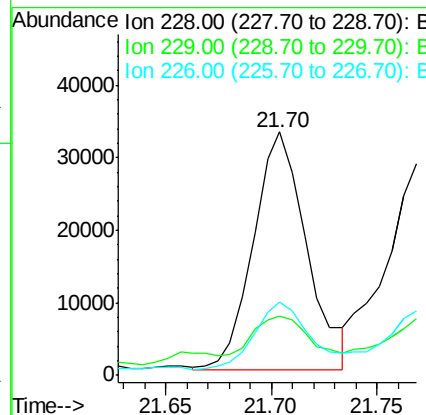
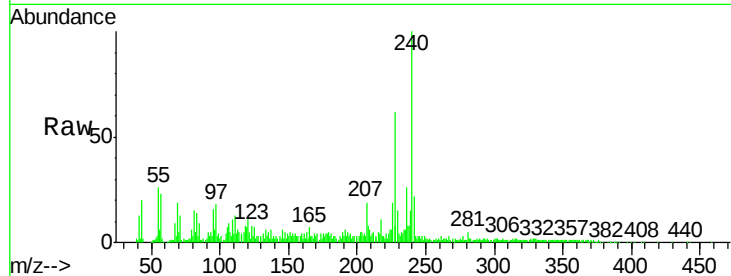
ClientSampleId :

ETOC2

Tot Ion:	228	Resp:	57775
Ion Ratio	Lower	Upper	
228	100		
229	24.3	17.0	25.6
226	30.1	23.3	34.9

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#84

Chrysene

Concen: 2.054 ng/ul m

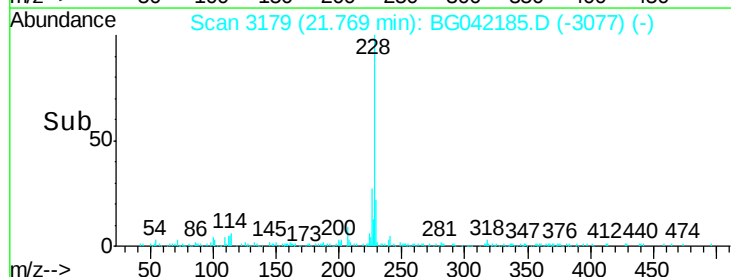
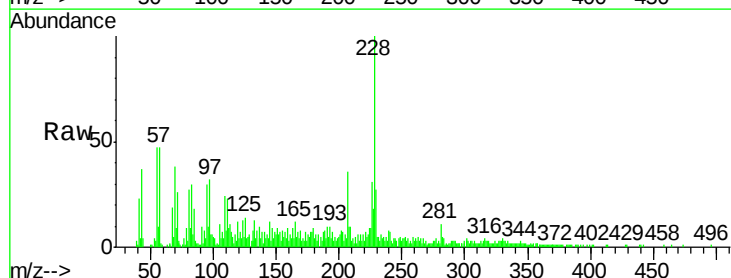
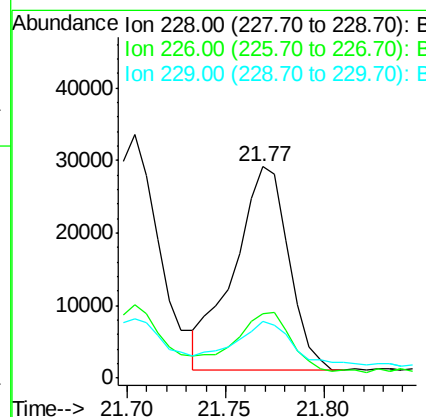
RT: 21.77 min Scan# 3179

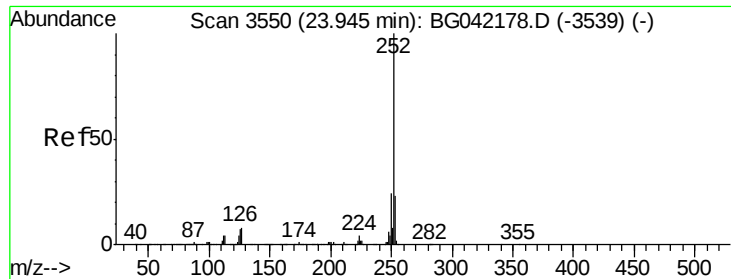
Delta R.T. -0.00 min

Lab File: BG042185.D

Acq: 13 Aug 2019 17:50

Tgt Ion:	228	Resp:	54233
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.7	38.5
229	26.6	16.6	24.8#





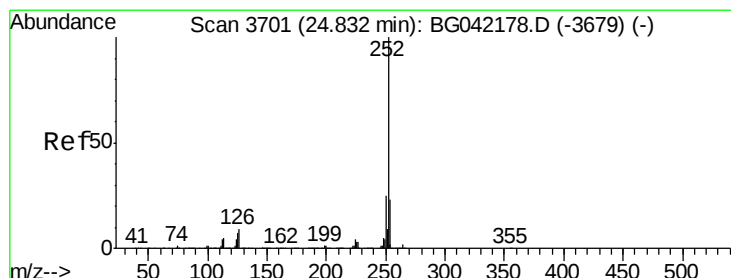
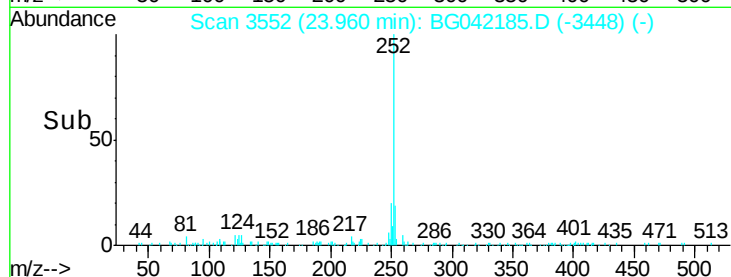
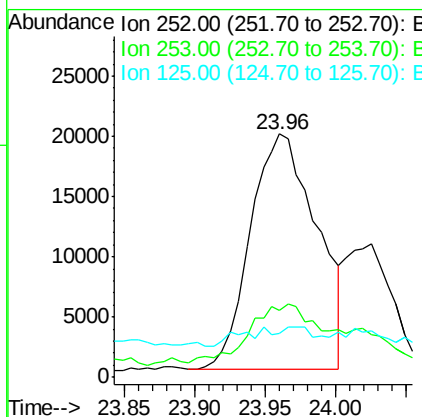
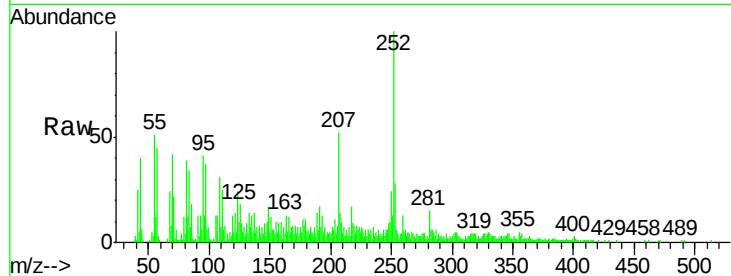
#87
Benzo(b)fluoranthene
Concen: 2.090 ng/ul
RT: 23.96 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BG042185.D
Acq: 13 Aug 2019 17:50

Instrument :
BNA_G
ClientSampleId :
ETOC2

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.4	27.6
125	18.0	5.8	8.8#

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#90
Benzo(a)pyrene
Concen: 1.642 ng/ul
RT: 24.84 min Scan# 3702
Delta R.T. 0.01 min
Lab File: BG042185.D
Acq: 13 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.3	27.5
125	20.3	6.5	9.7#

