

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042114.D
 Acq On : 9 Aug 2019 22:44
 Operator : HP/JU
 Sample : K4041-16
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 BENW9

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:19:27 AM

Quant Time: Aug 10 04:33:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 16:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	80197	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	326748	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	225052	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	466267	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	467622	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	557065	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	3557	1.94	ng/uL	0.00
5) Phenol-d5	7.19	99	85340	13.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	46360	13.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	81322	15.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	64089	12.13	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	40140	16.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	50955	17.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	92859	16.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	80925	12.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	287735	16.48	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	340282	17.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	22454	7.66	ng/ul	0.01
57) Fluorene-d10	15.68	176	256547	16.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	34322	11.47	ng/ul	0.00
70) Anthracene-d10	17.54	188	389203	17.40	ng/ul	0.00
78) Pyrene-d10	19.82	212	437520	16.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	494916	17.01	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.21	94	13762	2.118	ng/ul#	93
44) Dimethylphthalate	14.13	163	70070	4.043	ng/ul	99
69) Phenanthrene	17.48	178	77999	3.056	ng/ul	97
76) Fluoranthene	19.49	202	175367m	5.946	ng/ul	
79) Pyrene	19.85	202	209542	6.662	ng/ul#	95
82) Benzo(a)anthracene	21.70	228	134408	4.146	ng/ul	98
84) Chrysene	21.77	228	141714	4.683	ng/ul	97
87) Benzo(b)fluoranthene	23.96	252	163332	4.672	ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	50791m	1.511	ng/ul	
90) Benzo(a)pyrene	24.84	252	130441	3.916	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.72	276	75638	1.947	ng/ul	97
93) Benzo(g,h,i)perylene	29.88	276	75039	2.313	ng/ul	97

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

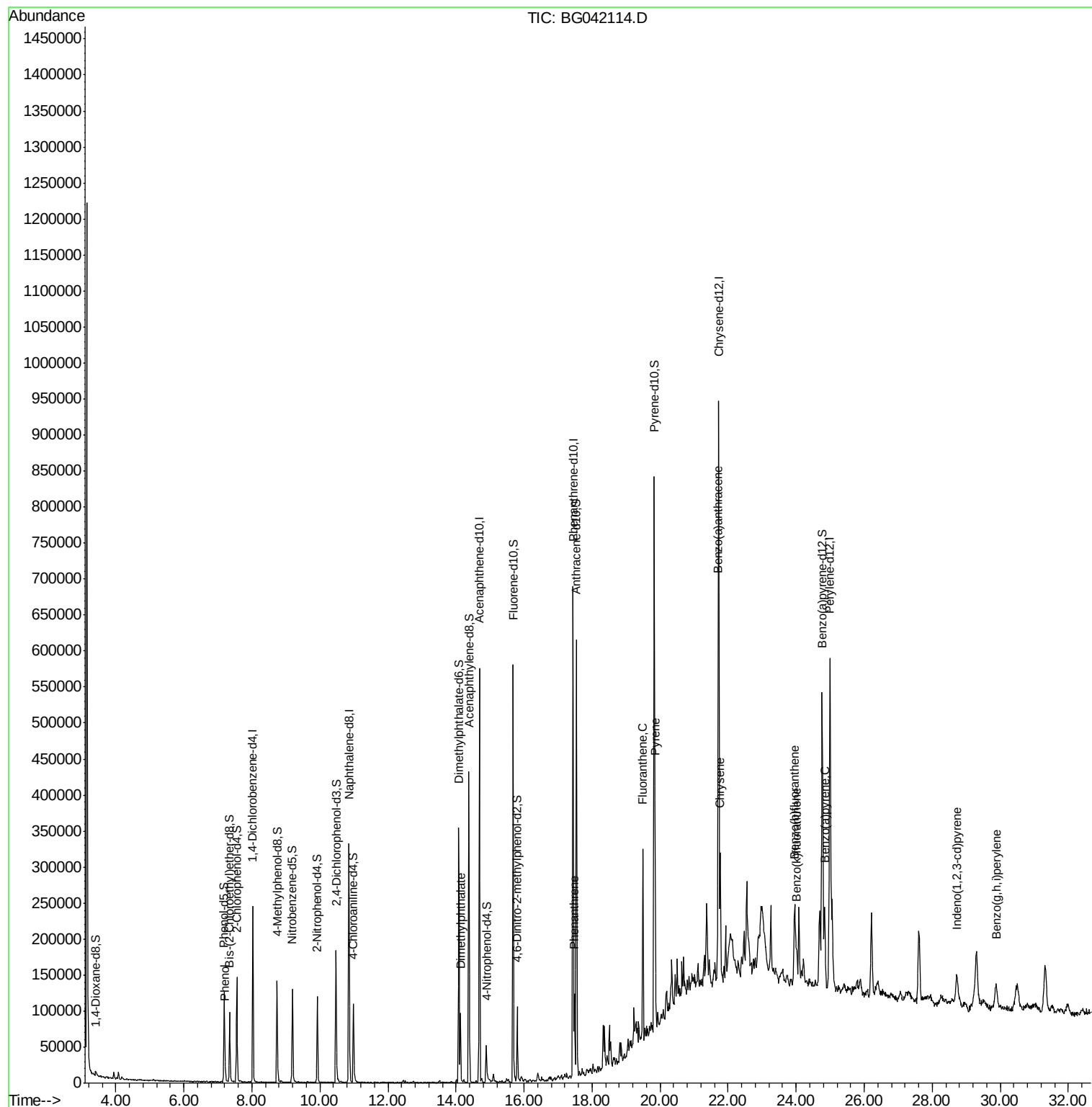
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042114.D
Acq On : 9 Aug 2019 22:44
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ALS Vial : 44 Sample Multiplier: 1

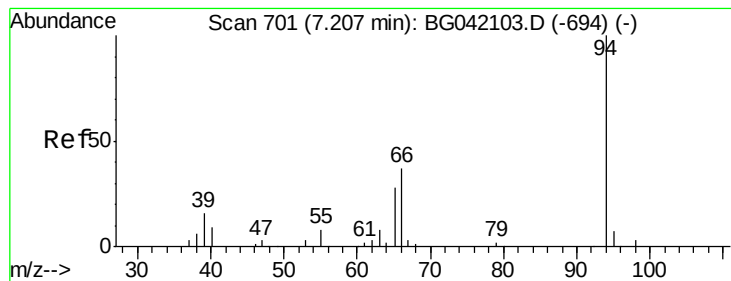
Instrument :
BNA_G
ClientSampled :
BENW9

Quant Time: Aug 10 04:33:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 2.118 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG042114.D

Acq: 9 Aug 2019 22:44

Instrument :

BNA_G

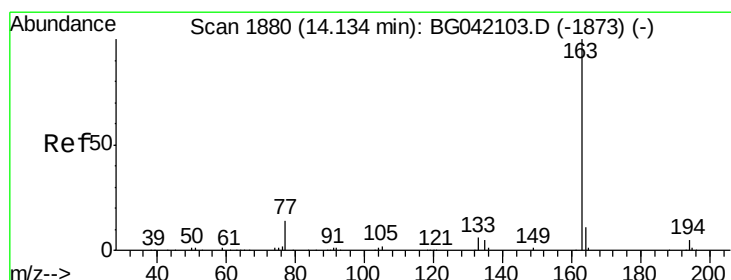
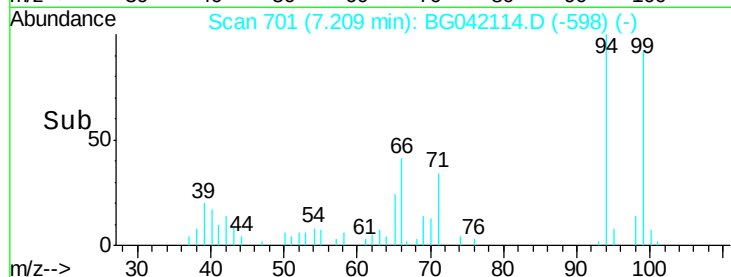
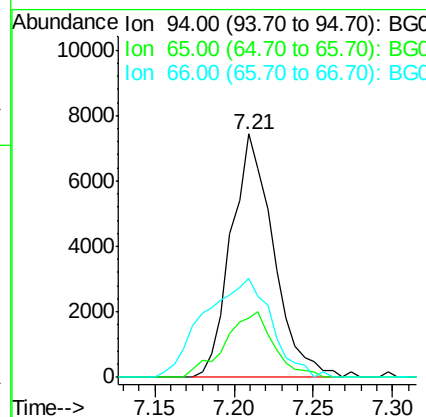
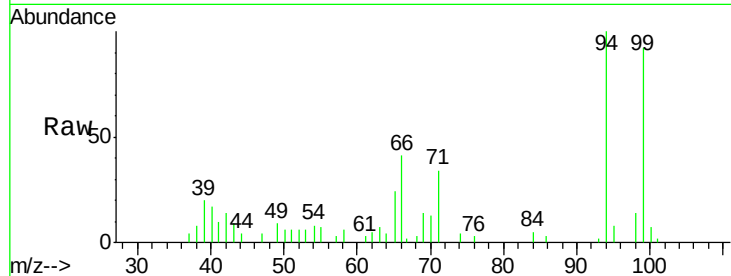
ClientSampled :

BENW9

Tot Ion:	94	Resp:	13762
Ion Ratio	Lower	Upper	
94	100		
65	24.3	25.8	38.6#
66	40.7	31.8	47.8

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#44

Dimethylphthalate

Concen: 4.043 ng/ul

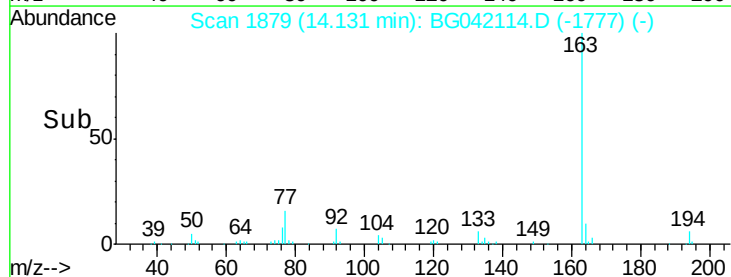
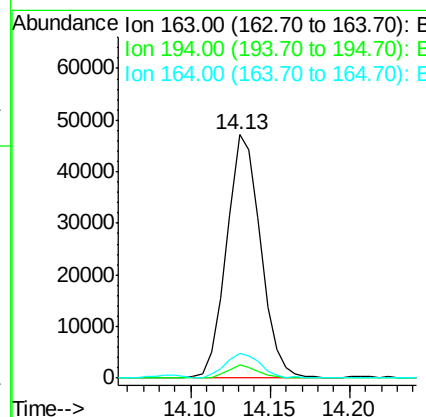
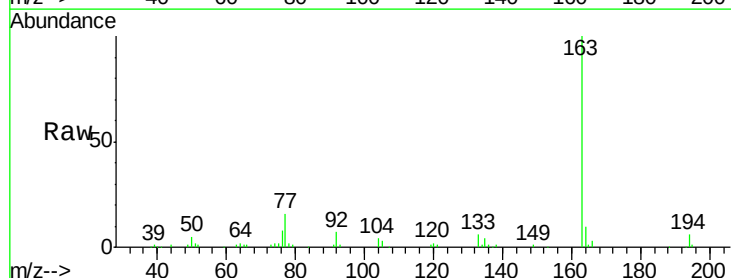
RT: 14.13 min Scan# 1879

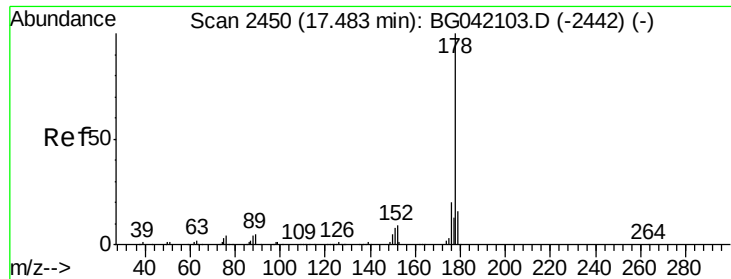
Delta R.T. -0.00 min

Lab File: BG042114.D

Acq: 9 Aug 2019 22:44

Tgt Ion:	163	Resp:	70070
Ion Ratio	Lower	Upper	
163	100		
194	5.7	4.2	6.2
164	10.1	7.8	11.8





#69

Phenanthrene

Concen: 3.056 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042114.D

Acq: 9 Aug 2019 22:44

Instrument :

BNA_G

ClientSampleId :

BENW9

Tot Ion:178 Resp: 77999

Ion Ratio Lower Upper

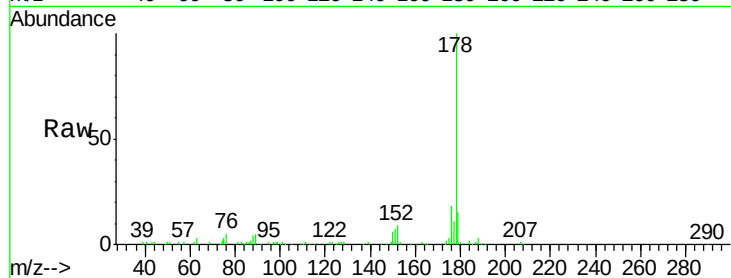
178 100

179 14.6 12.8 19.2

176 18.0 15.4 23.2

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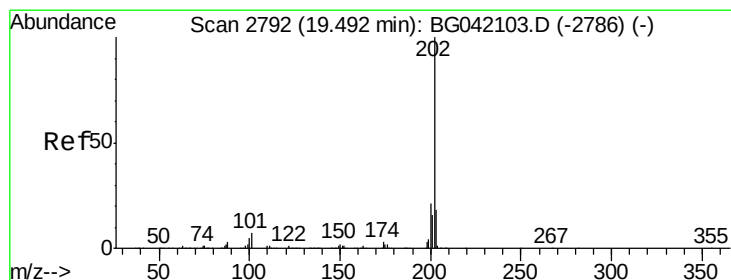
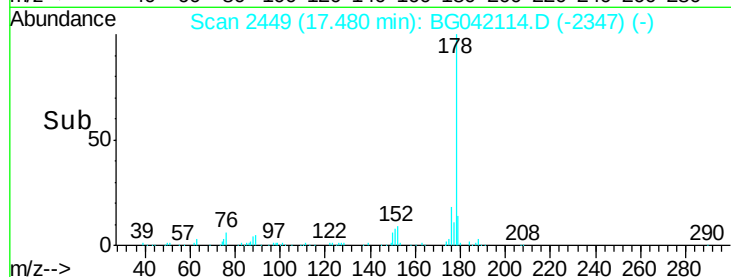
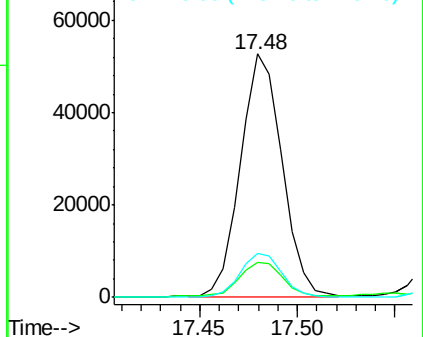
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 5.946 ng/ul m

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG042114.D

Acq: 9 Aug 2019 22:44

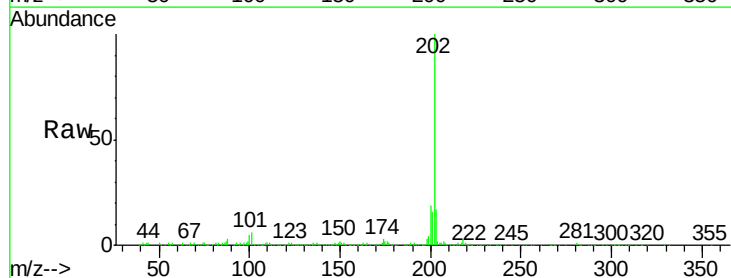
Tgt Ion:202 Resp: 175367

Ion Ratio Lower Upper

202 100

101 6.4 6.7 10.1#

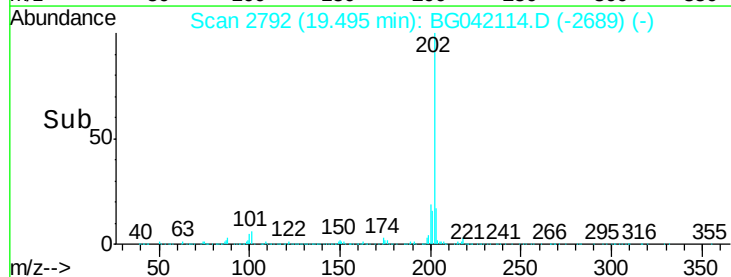
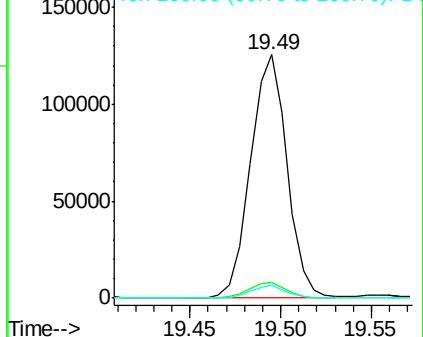
100 5.2 5.3 7.9#

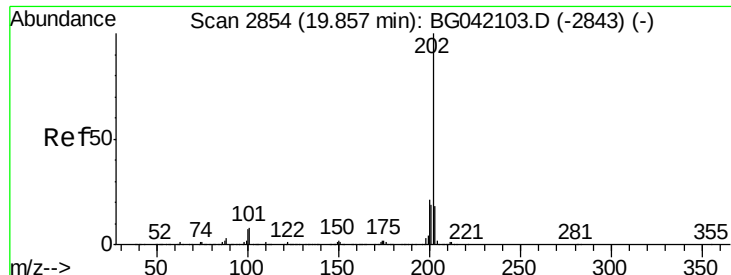


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





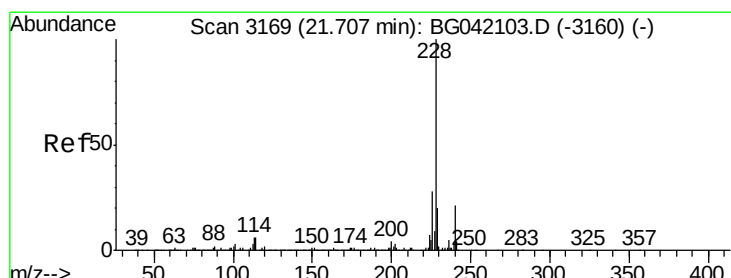
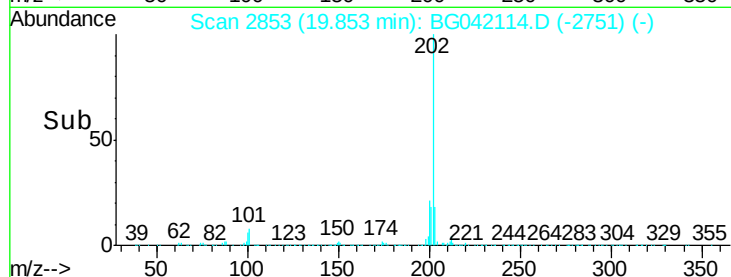
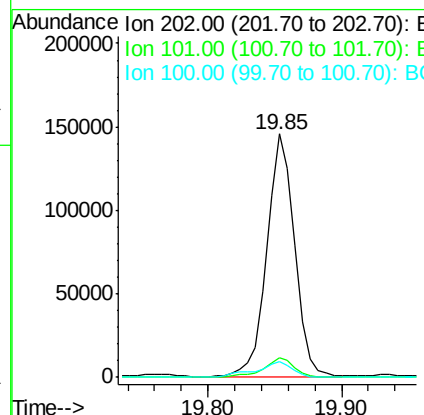
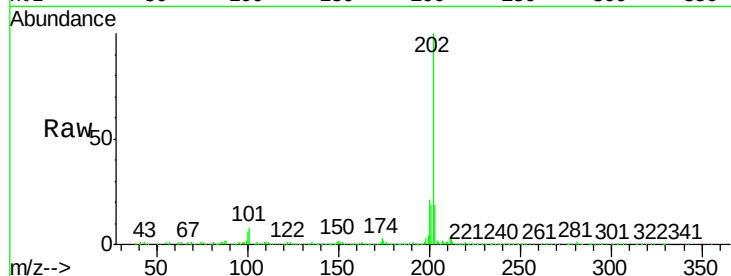
#79
Pvrene
Concen: 6.662 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG042114.D
Acq: 9 Aug 2019 22:44

Instrument :
BNA_G
ClientSampleId :
BENW9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.9	7.6	11.4
100	6.3	6.5	9.7

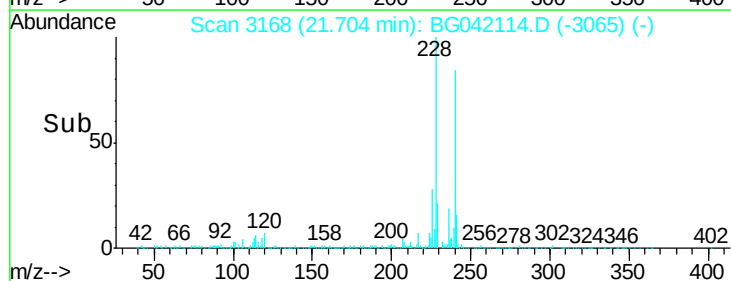
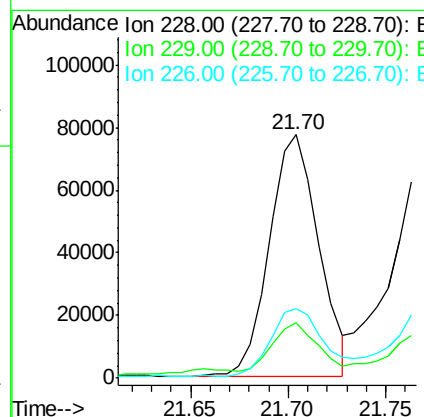
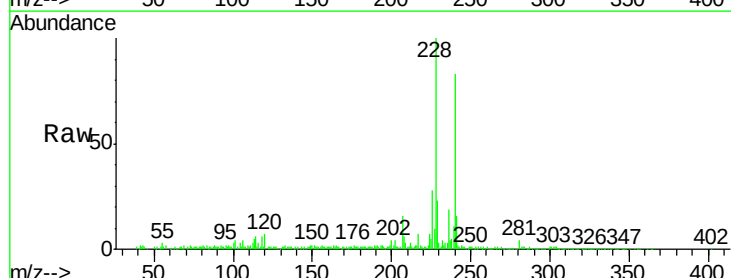
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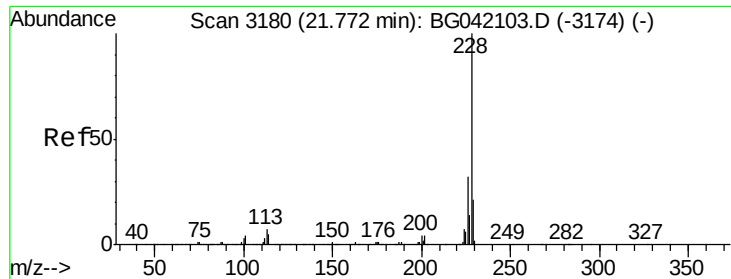
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#82
Benzo(a)anthracene
Concen: 4.146 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG042114.D
Acq: 9 Aug 2019 22:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.0	17.0	25.6
226	28.4	23.3	34.9





#84

Chrysene

Concen: 4.683 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG042114.D

Acq: 9 Aug 2019 22:44

Instrument :

BNA_G

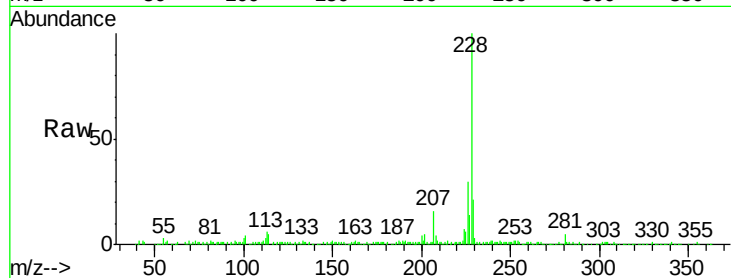
ClientSampled :

BENW9

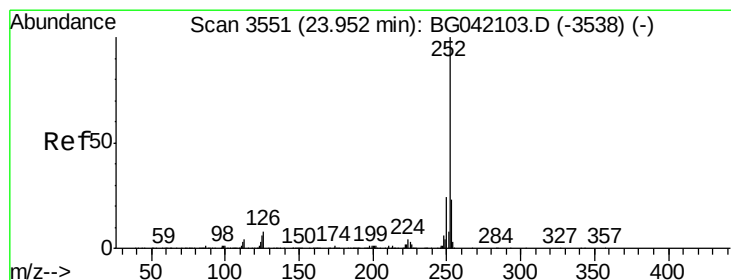
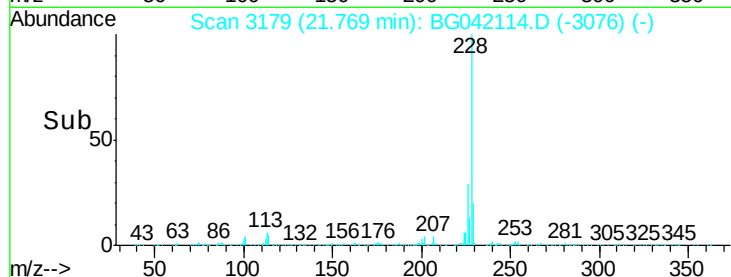
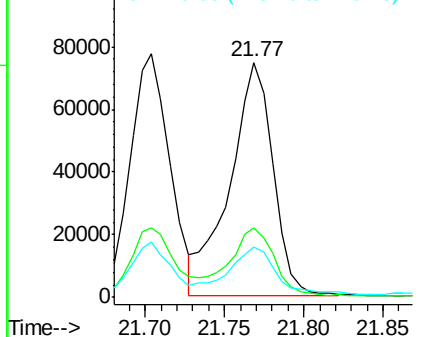
Tot Ion:228	Resp:	141714
Ion Ratio	Lower	Upper
228 100		
226 29.6	25.7	38.5
229 21.4	16.6	24.8

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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: 4.672 ng/ul

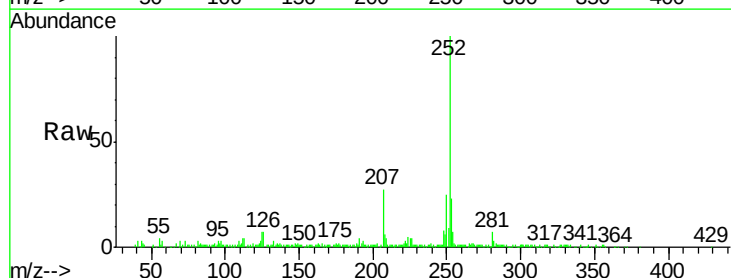
RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

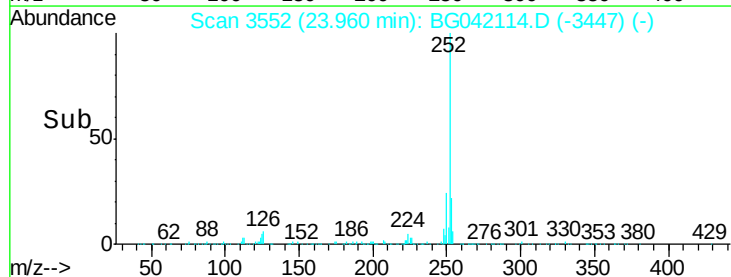
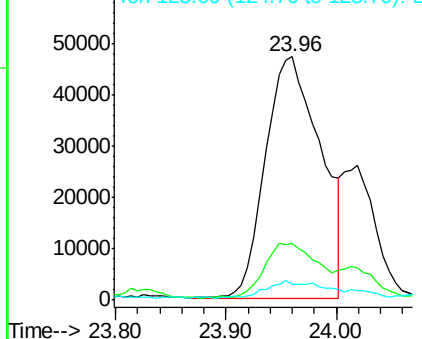
Lab File: BG042114.D

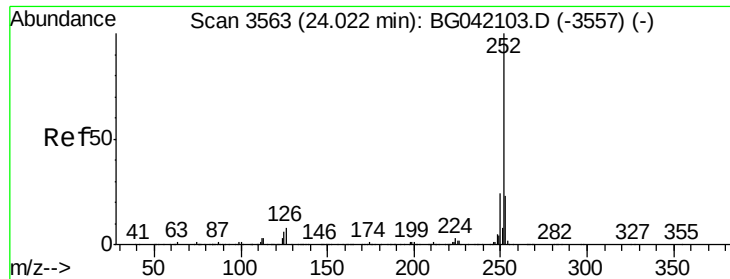
Acq: 9 Aug 2019 22:44

Tgt Ion:252	Resp:	163332
Ion Ratio	Lower	Upper
252 100		
253 23.5	18.4	27.6
125 6.6	5.8	8.8



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





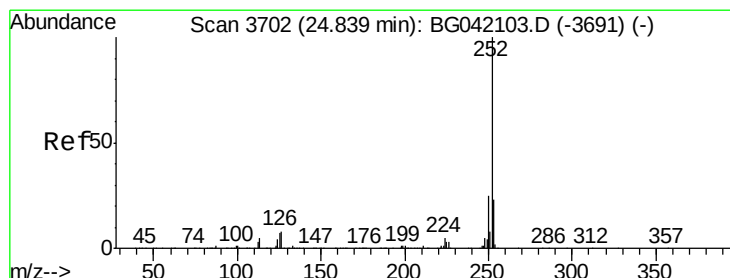
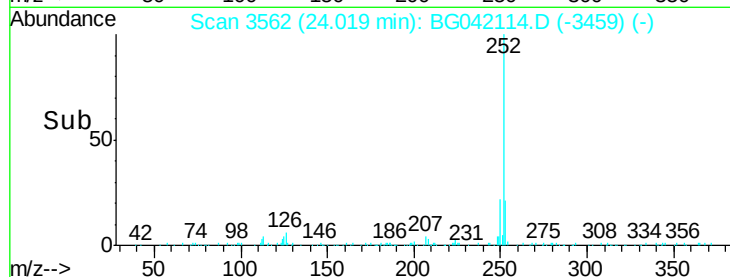
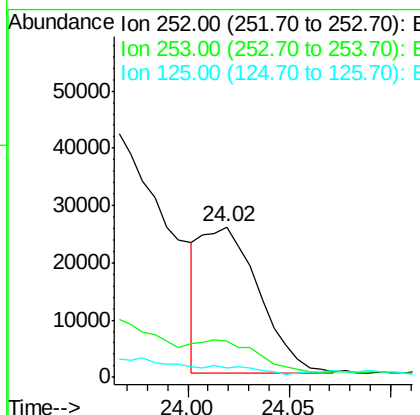
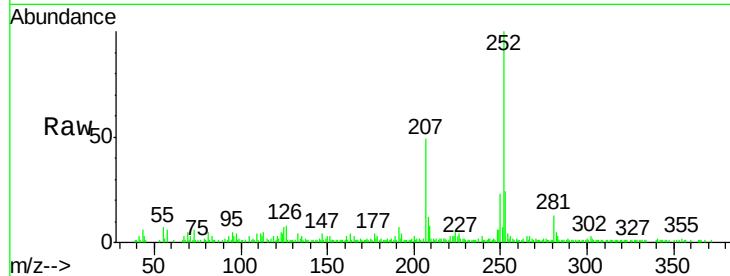
#88
Benzo(k)fluoranthene
Concen: 1.511 ng/ul m
RT: 24.02 min Scan# 3562
Delta R.T. 0.00 min
Lab File: BG042114.D
Acq: 9 Aug 2019 22:44

Instrument :
BNA_G
ClientSampled :
BENW9

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.3	27.5
125	6.6	5.5	8.3

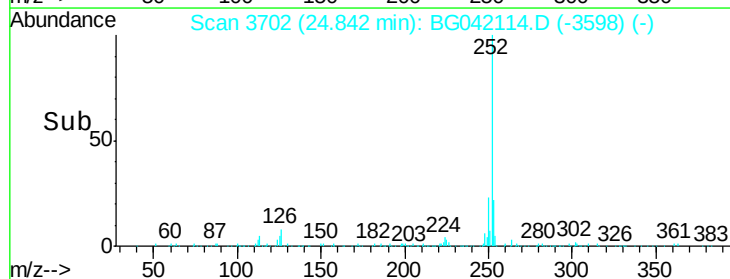
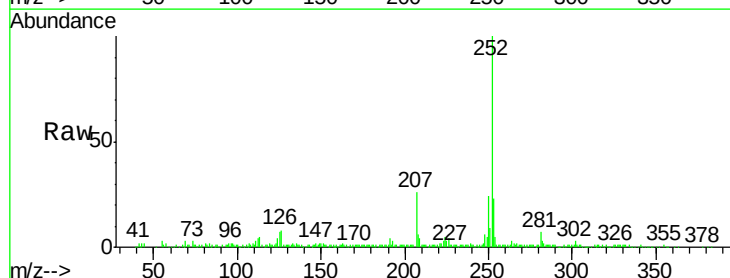
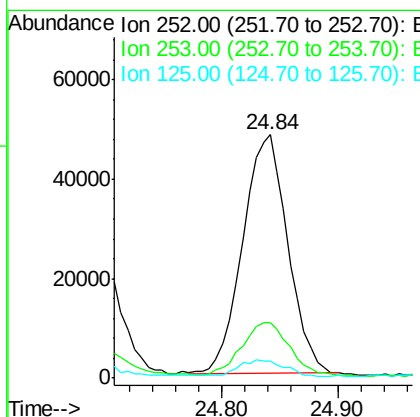
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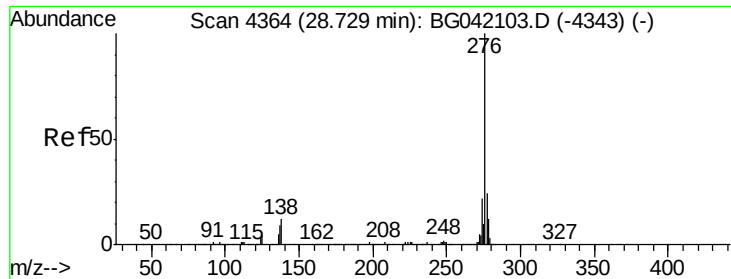
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#90
Benzo(a)pyrene
Concen: 3.916 ng/ul
RT: 24.84 min Scan# 3702
Delta R.T. 0.01 min
Lab File: BG042114.D
Acq: 9 Aug 2019 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	6.8	6.5	9.7





#91

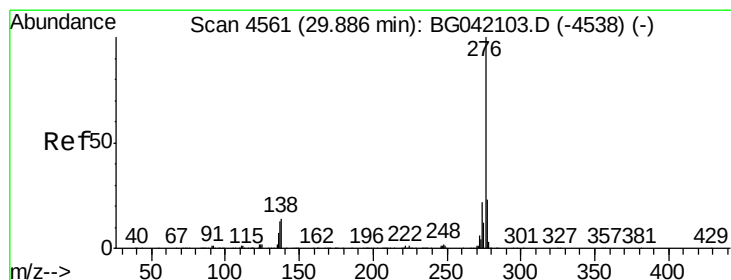
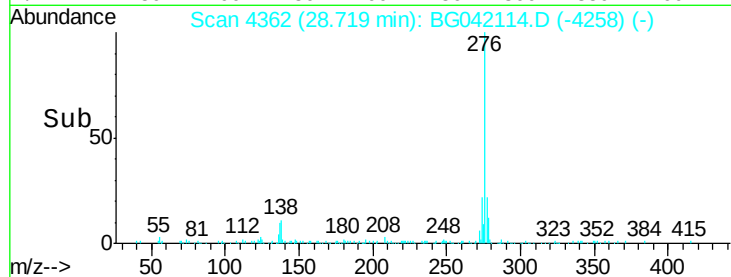
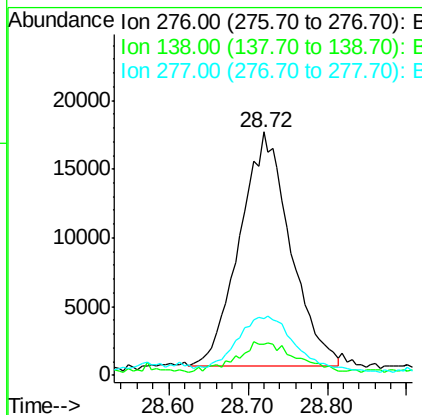
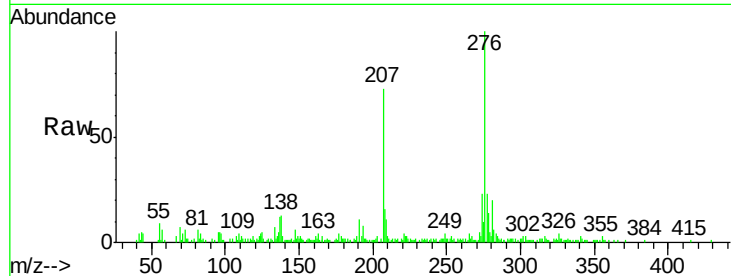
Indeno(1,2,3-cd)pyrene
Concen: 1.947 ng/ul
RT: 28.72 min Scan# 4362
Delta R.T. 0.01 min
Lab File: BG042114.D
Acq: 9 Aug 2019 22:44

Instrument :
BNA_G
ClientSampled :
BENW9

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.6	12.0	18.0
277	23.4	19.2	28.8

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#93

Benzo(g,h,i)perylene
Concen: 2.313 ng/ul
RT: 29.88 min Scan# 4560
Delta R.T. -0.00 min
Lab File: BG042114.D
Acq: 9 Aug 2019 22:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.1	12.6	18.8
277	24.0	19.2	28.8

