

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042112.D
 Acq On : 9 Aug 2019 21:27
 Operator : HP/JU
 Sample : K4041-15
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 BENW8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:16:59 AM

Quant Time: Aug 10 04:23:52 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	79527	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	326256	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	230019	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	471611	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	470002	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	564393	20.00	ng/ul	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	4554	2.51	ng/uL	0.00
5) Phenol-d5	7.18	99	107948	17.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	52845	15.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	98237	18.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	89270	17.04	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	47460	19.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	59222	20.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	112956	19.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	63062	9.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	348002	19.51	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	400627	19.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	39938	13.33	ng/ul	0.00
57) Fluorene-d10	15.68	176	302496	19.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	52936	17.49	ng/ul	0.00
70) Anthracene-d10	17.54	188	452443	20.00	ng/ul	0.00
78) Pyrene-d10	19.83	212	503508	19.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	571770	19.39	ng/ul	0.01

Target Compounds				Ovalue		
6) Phenol	7.21	94	18609	2.889	ng/ul	95
44) Dimethylphthalate	14.13	163	82886	4.679	ng/ul	97
69) Phenanthrene	17.48	178	257547	9.975	ng/ul	100
71) Anthracene	17.57	178	55569	2.122	ng/ul	99
76) Fluoranthene	19.49	202	491969	16.492	ng/ul	96
79) Pyrene	19.86	202	643109m	20.342	ng/ul	
82) Benzo(a)anthracene	21.70	228	423696	13.002	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	233028	13.725	ng/ul	100
84) Chrysene	21.77	228	438538	14.418	ng/ul	98
87) Benzo(b)fluoranthene	23.96	252	455190	12.852	ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	142336m	4.180	ng/ul	
90) Benzo(a)pyrene	24.84	252	391874	11.611	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.73	276	228558	5.806	ng/ul	98
92) Dibenzo(a,h)anthracene	28.77	278	72697m	2.264	ng/ul	
93) Benzo(g,h,i)perylene	29.89	276	239355	7.283	ng/ul	98

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

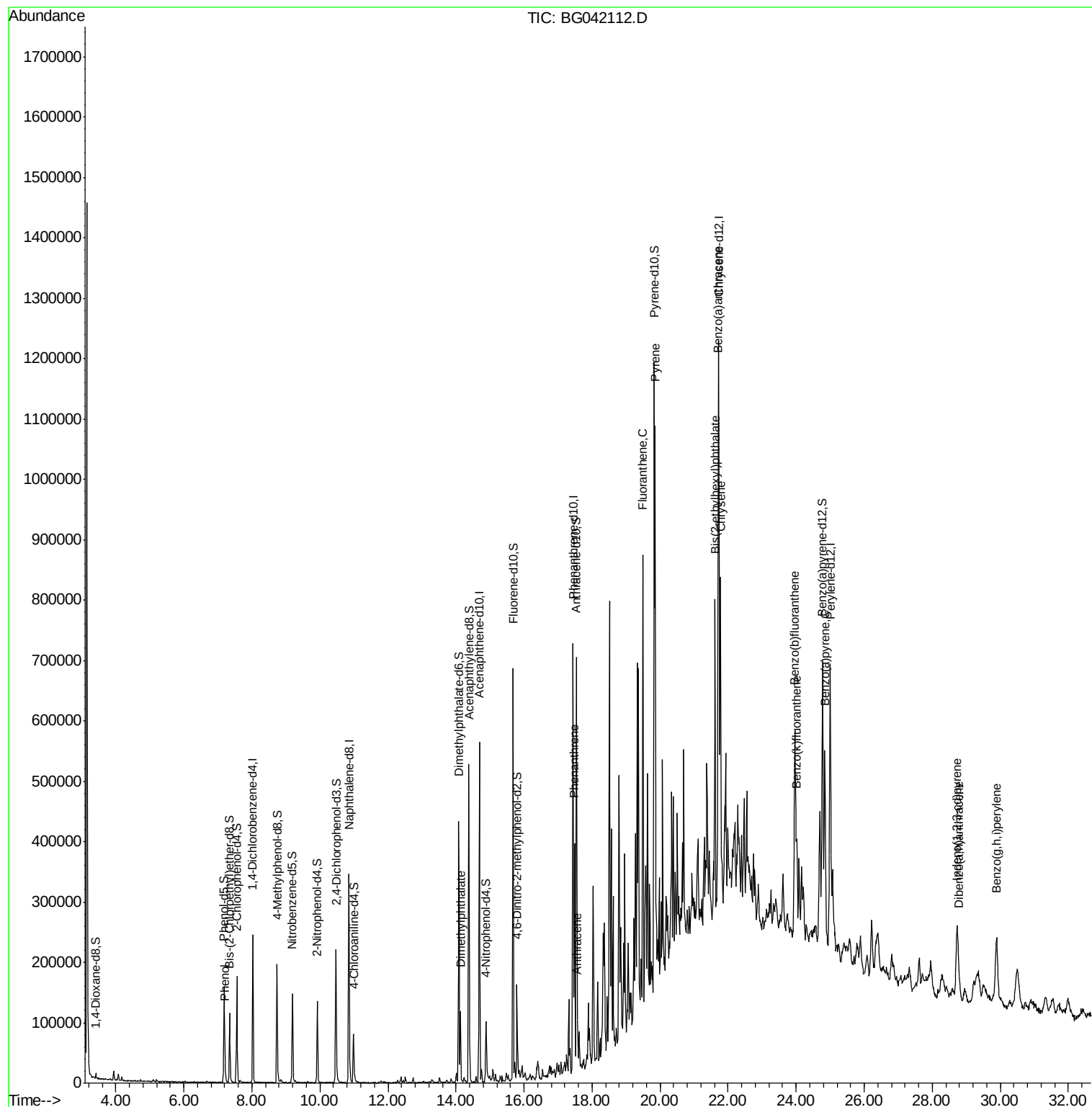
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
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ALS Vial : 42 Sample Multiplier: 1

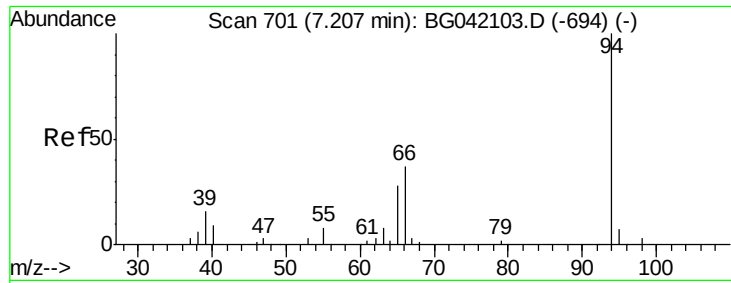
Instrument :
BNA_G
ClientSampleId :
BENW8

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
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#6

Phenol

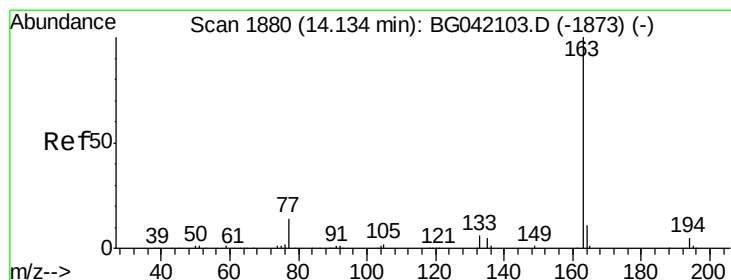
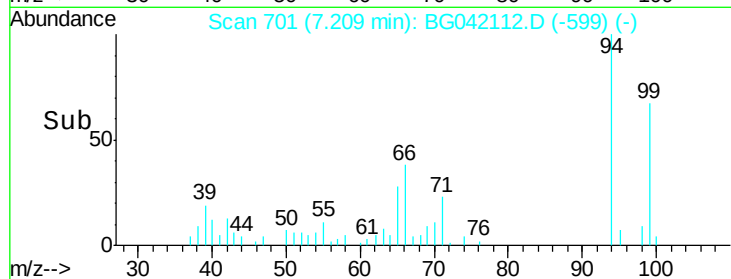
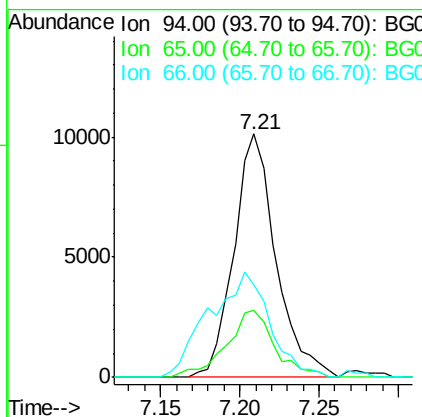
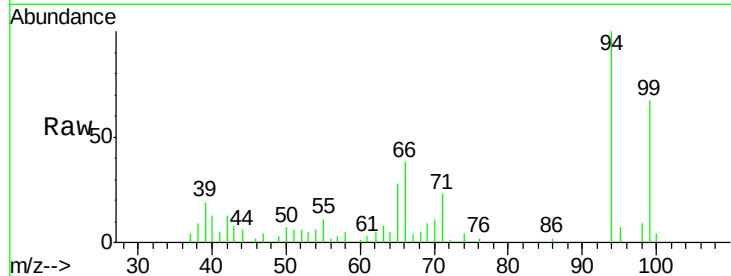
Concen: 2.889 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BG042112.D
 Acq: 9 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampled :
 BENW8

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.5	25.8	38.6
66	38.0	31.8	47.8

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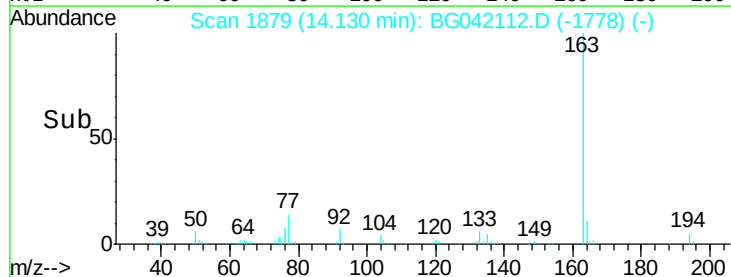
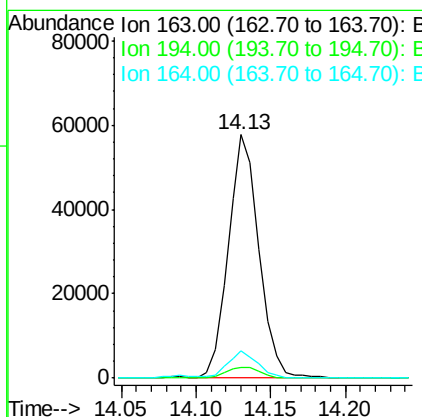
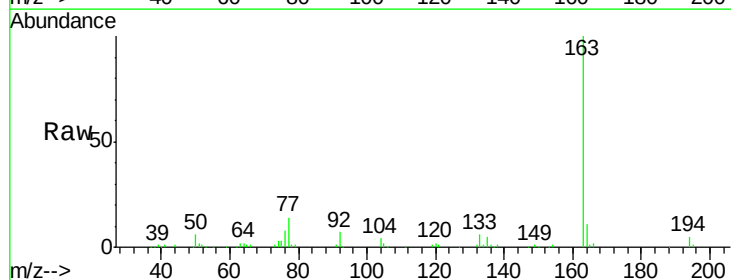


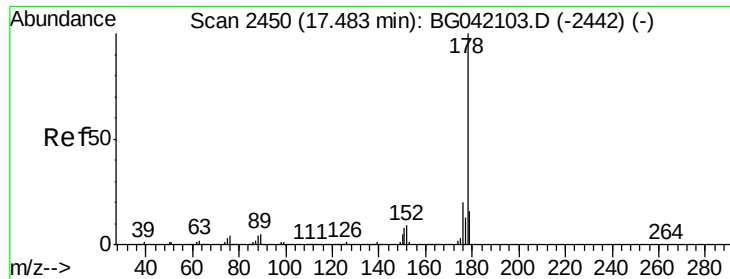
#44

Dimethylphthalate

Concen: 4.679 ng/ul
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG042112.D
 Acq: 9 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.2	6.2
164	11.2	7.8	11.8





#69

Phenanthrene

Concen: 9.975 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

Instrument :

BNA_G

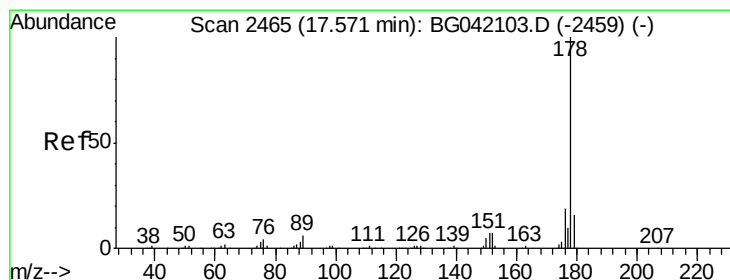
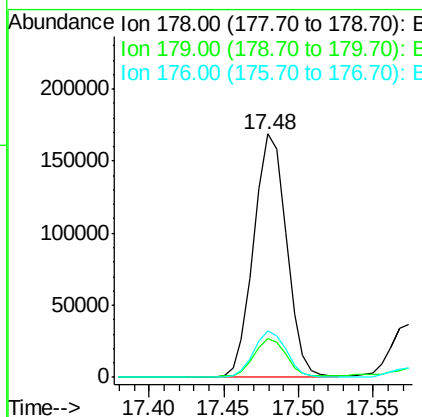
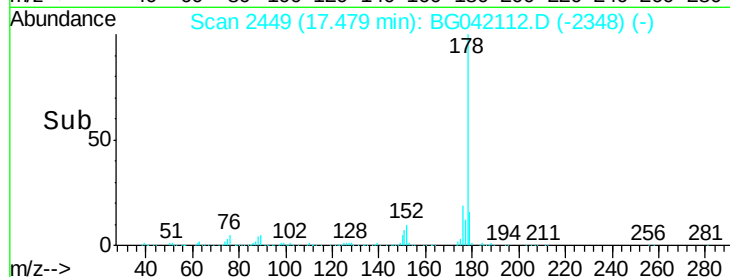
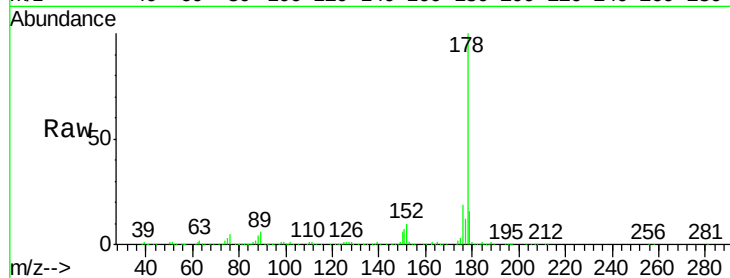
ClientSampleId :

BENW8

Tot Ion:	178	Resp:	257547
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.8	19.2
176	19.1	15.4	23.2

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#71

Anthracene

Concen: 2.122 ng/ul

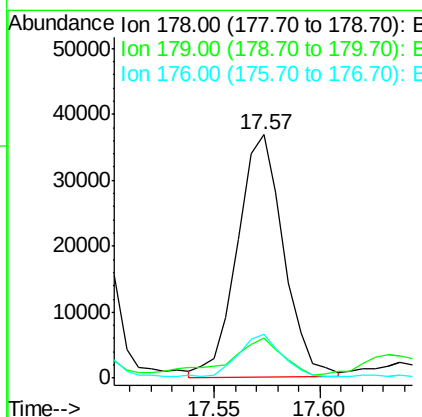
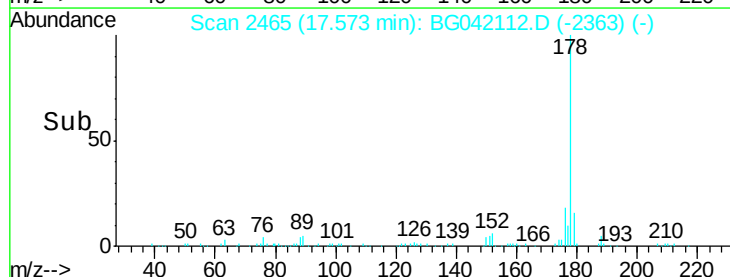
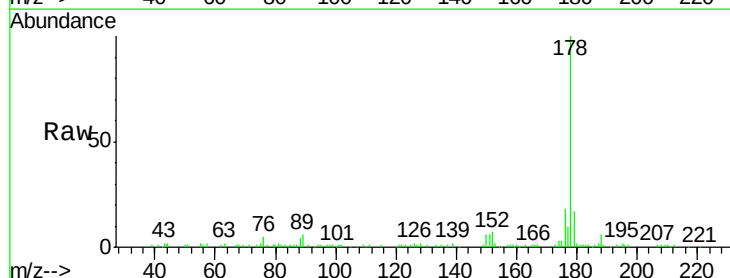
RT: 17.57 min Scan# 2465

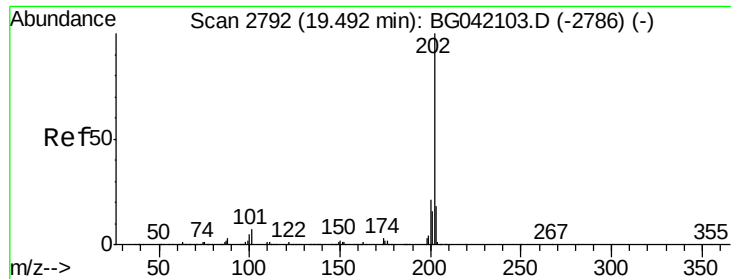
Delta R.T. 0.00 min

Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

Tgt Ion:	178	Resp:	55569
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.4	20.0
176	18.1	15.4	23.2





#76

Fluoranthene

Concen: 16.492 ng/ul

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

Instrument :

BNA_G

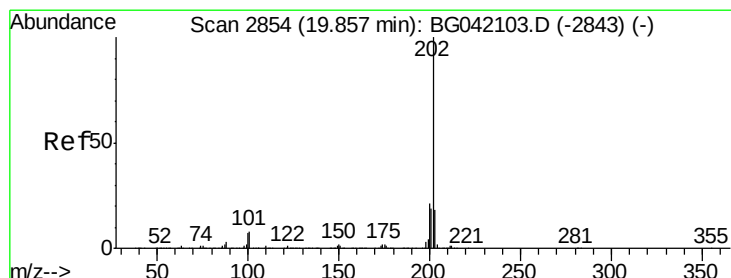
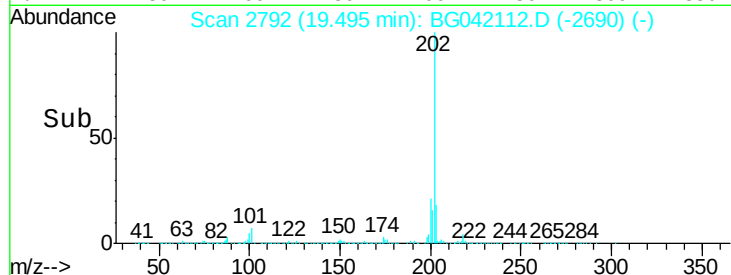
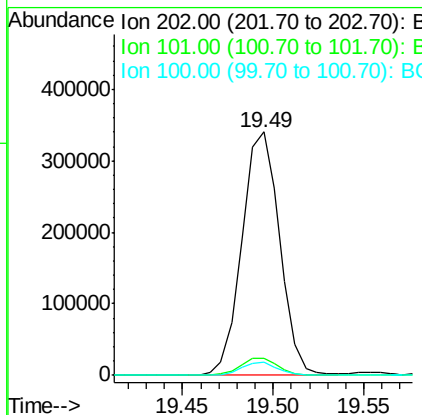
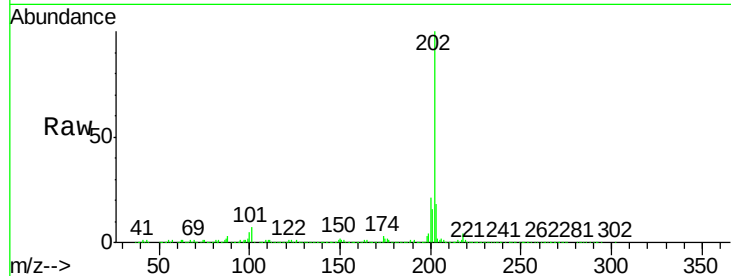
ClientSampleId :

BENW8

Tot Ion:	202	Resp:	491969
Ion Ratio	Lower	Upper	
202	100		
101	6.9	6.7	10.1
100	5.3	5.3	7.9

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#79

Pyrene

Concen: 20.342 ng/ul m

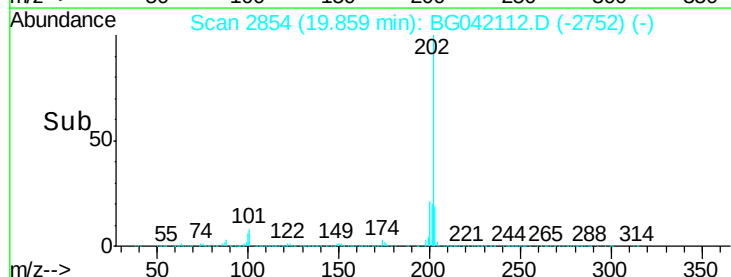
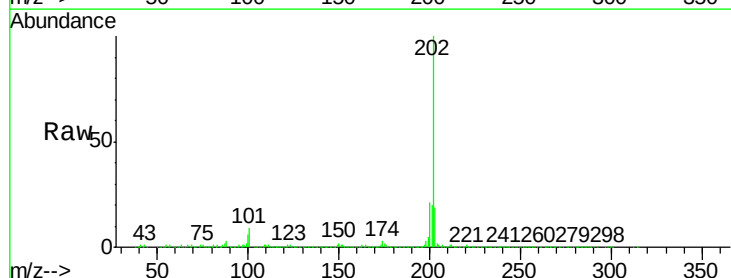
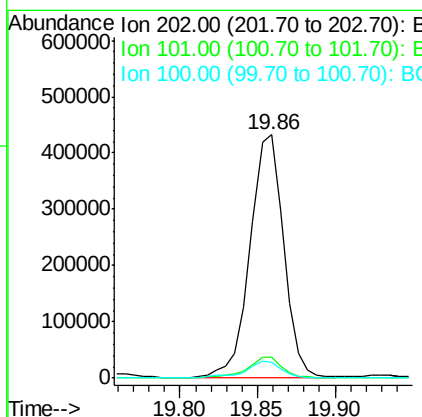
RT: 19.86 min Scan# 2854

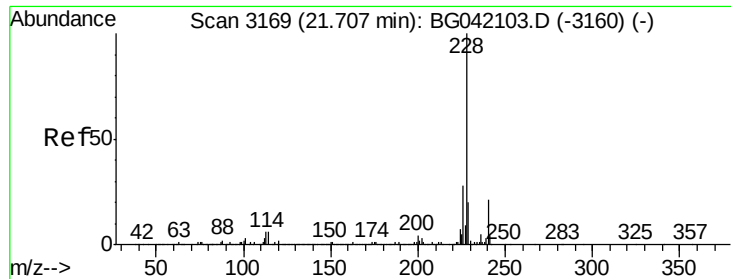
Delta R.T. 0.00 min

Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

Tgt Ion:	202	Resp:	643109
Ion Ratio	Lower	Upper	
202	100		
101	8.5	7.6	11.4
100	6.4	6.5	9.7#





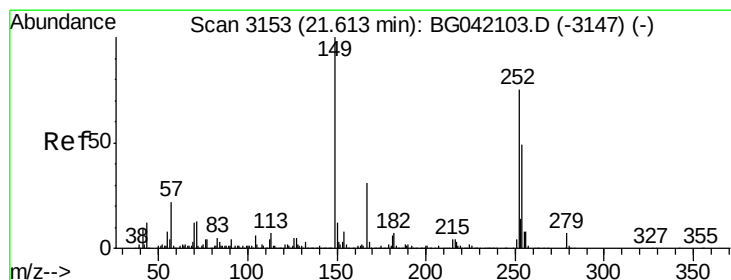
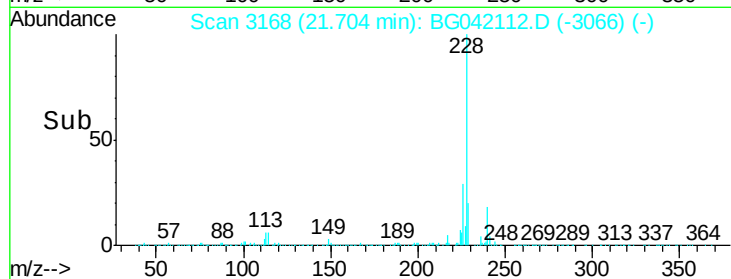
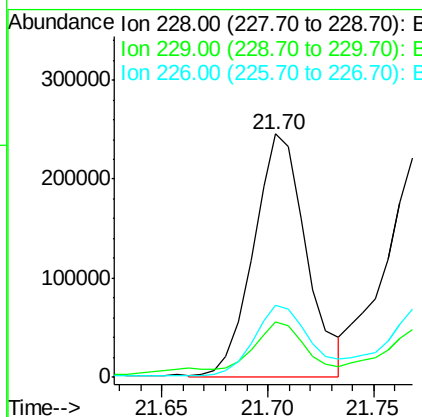
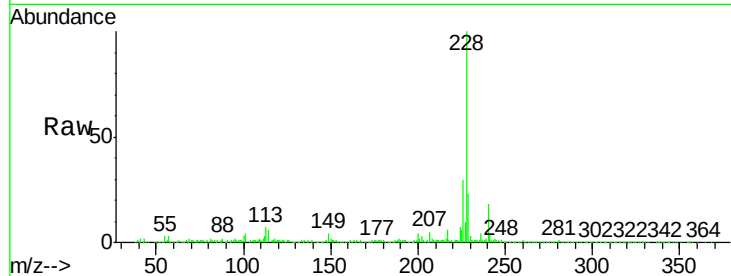
#82
 Benzo(a)anthracene
 Concen: 13.002 ng/ul
 RT: 21.70 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: BG042112.D
 Acq: 9 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampleId :
 BENW8

Tot Ion:228	Resp:	423696
Ion Ratio	Lower	Upper
228 100		
229 22.5	17.0	25.6
226 29.8	23.3	34.9

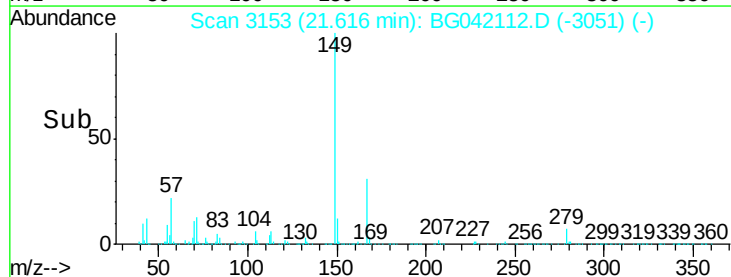
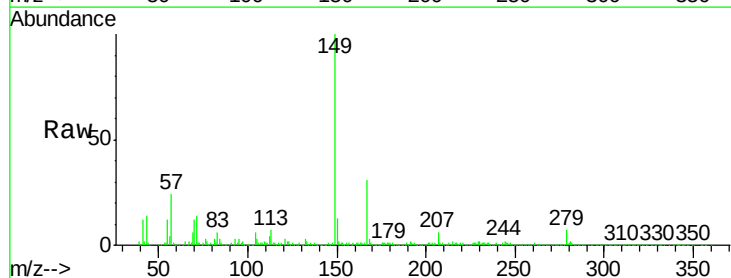
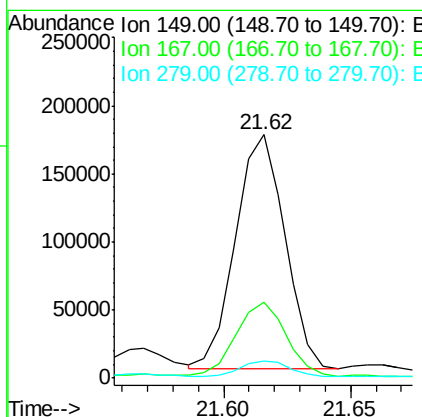
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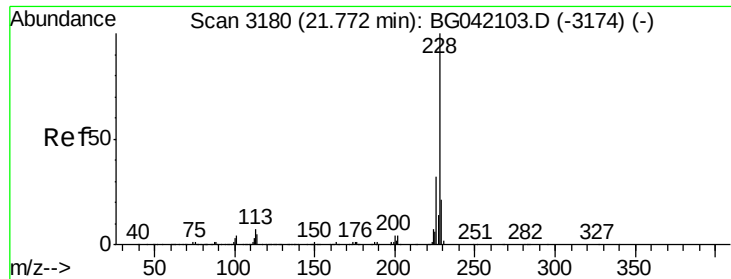
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 13.725 ng/ul
 RT: 21.62 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG042112.D
 Acq: 9 Aug 2019 21:27

Tgt Ion:149	Resp:	233028
Ion Ratio	Lower	Upper
149 100		
167 31.3	25.0	37.4
279 7.1	5.2	7.8





#84

Chrysene

Concen: 14.418 ng/ul

RT: 21.77 min Scan# 3180

Delta R.T. 0.01 min

Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

Instrument :

BNA_G

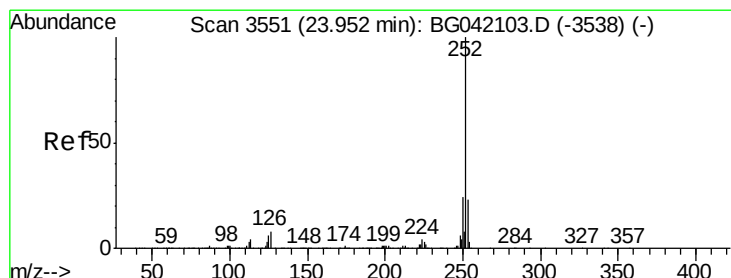
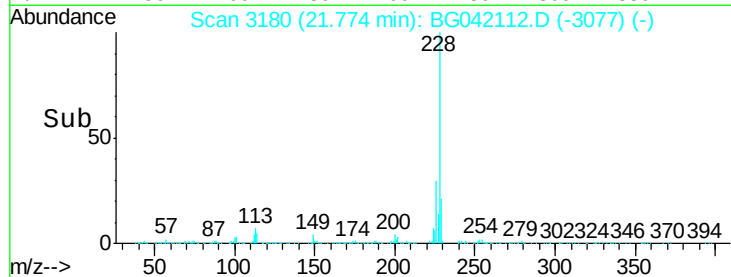
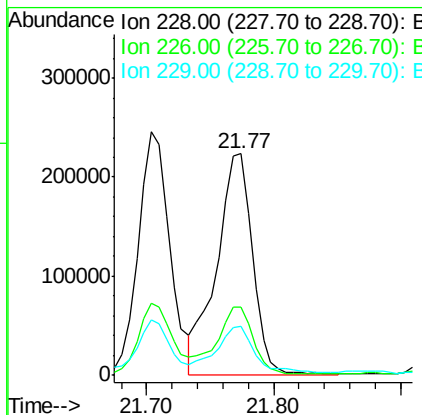
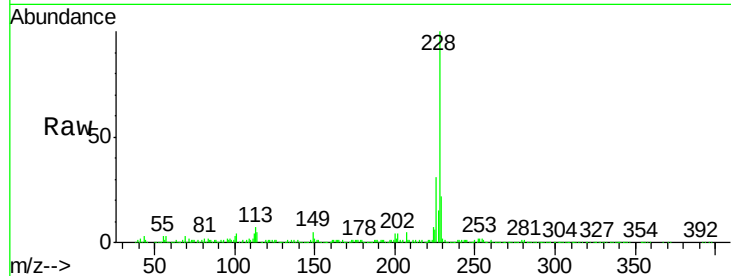
ClientSampled :

BENW8

Tot Ion:	228	Resp:	438538
Ion Ratio		Lower	Upper
228	100		
226	30.8	25.7	38.5
229	21.9	16.6	24.8

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#87

Benzo(b)fluoranthene

Concen: 12.852 ng/ul

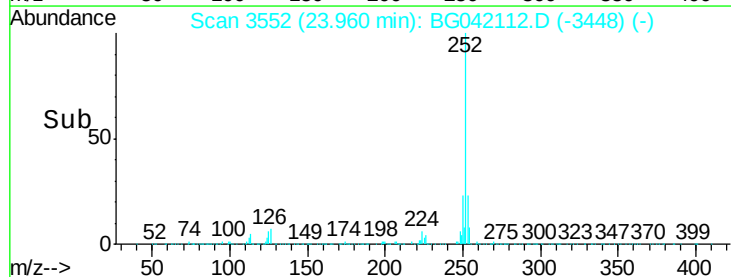
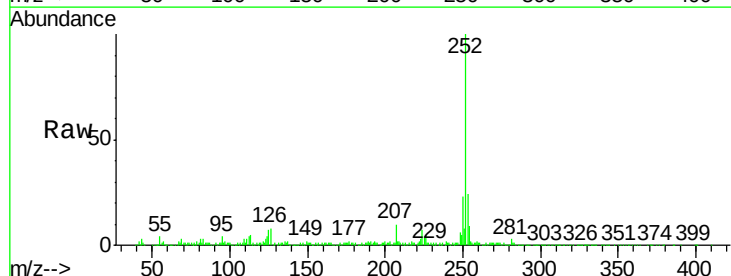
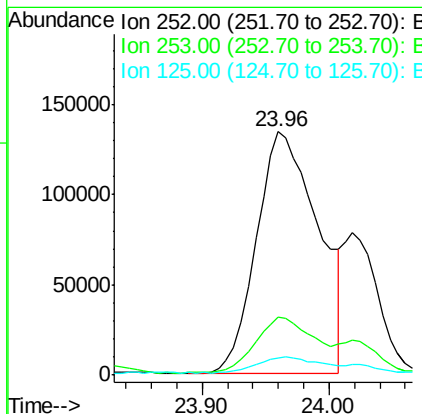
RT: 23.96 min Scan# 3552

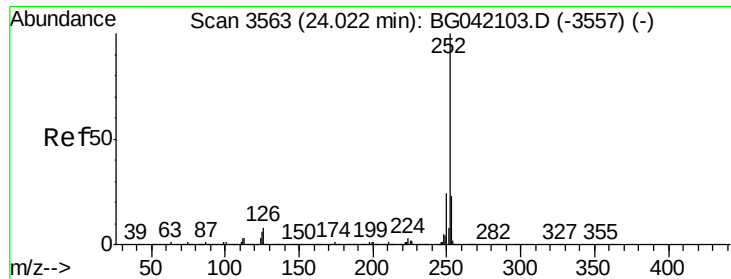
Delta R.T. 0.01 min

Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

Tgt Ion:	252	Resp:	455190
Ion Ratio		Lower	Upper
252	100		
253	23.8	18.4	27.6
125	7.0	5.8	8.8





#88

Benzo(k)fluoranthene

Concen: 4.180 ng/ul m

RT: 24.02 min Scan# 3562

Delta R.T. 0.00 min

Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

Instrument :

BNA_G

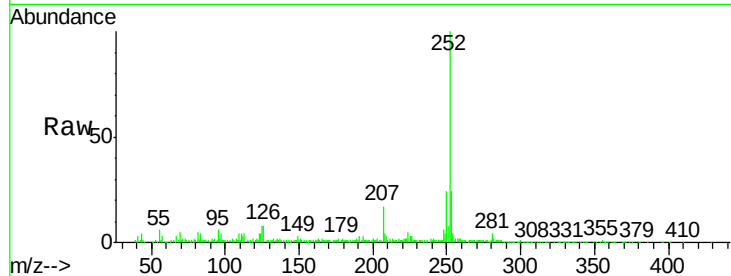
ClientSampled :

BENW8

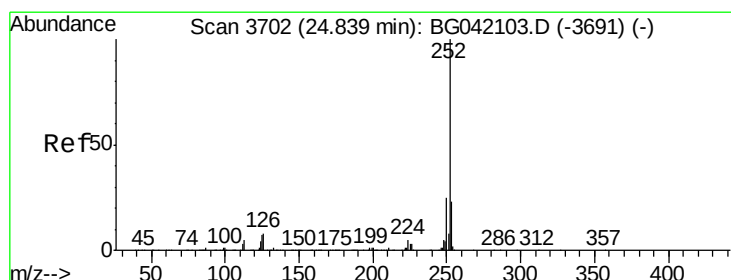
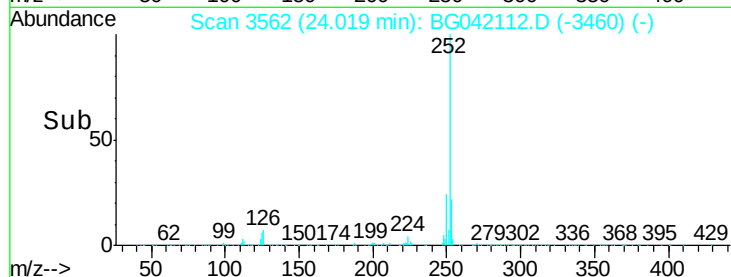
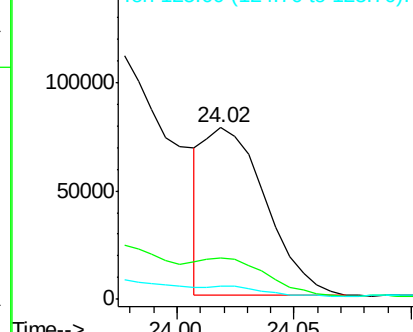
Tot Ion:	252	Resp:	142336
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.3	27.5
125	7.5	5.5	8.3

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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



#90

Benzo(a)pyrene

Concen: 11.611 ng/ul

RT: 24.84 min Scan# 3702

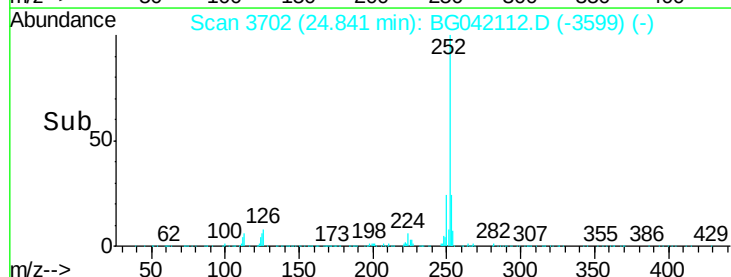
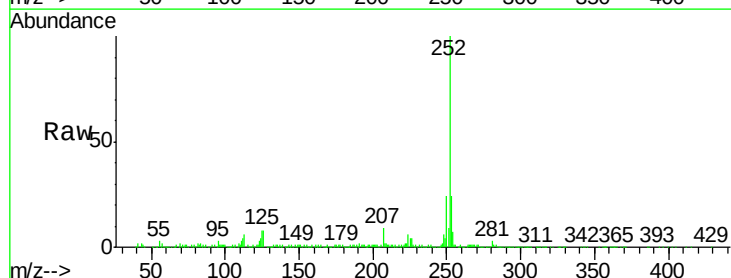
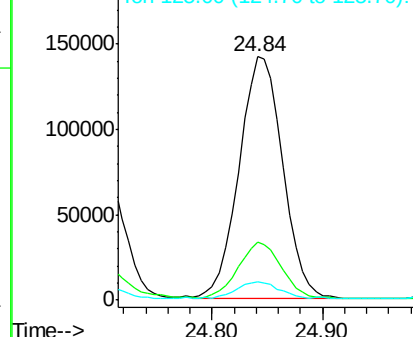
Delta R.T. 0.01 min

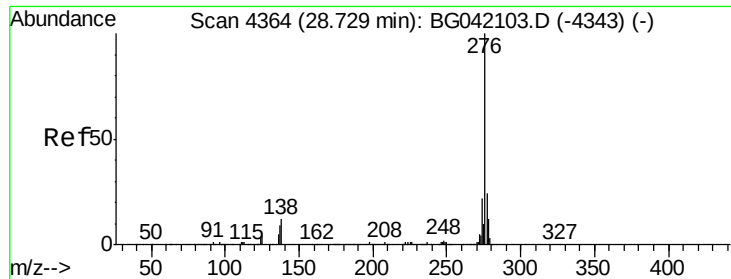
Lab File: BG042112.D

Acq: 9 Aug 2019 21:27

Tgt Ion:	252	Resp:	391874
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.3	27.5
125	7.6	6.5	9.7

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





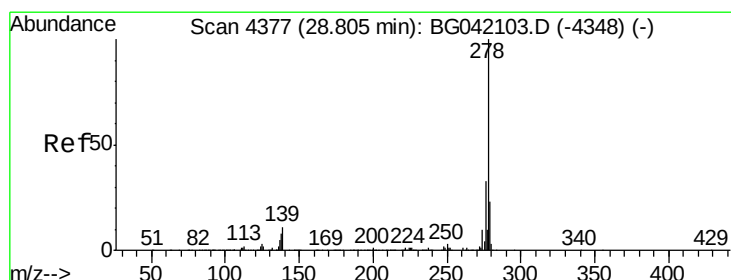
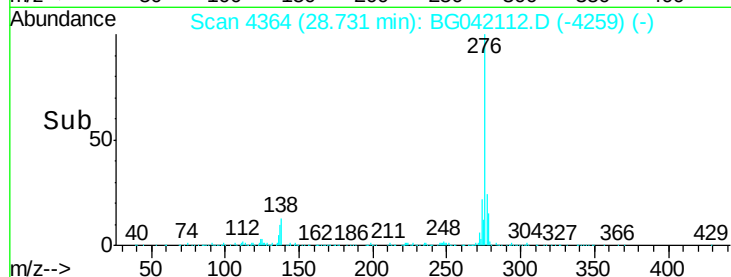
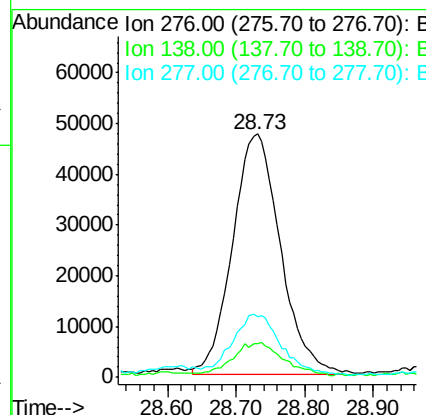
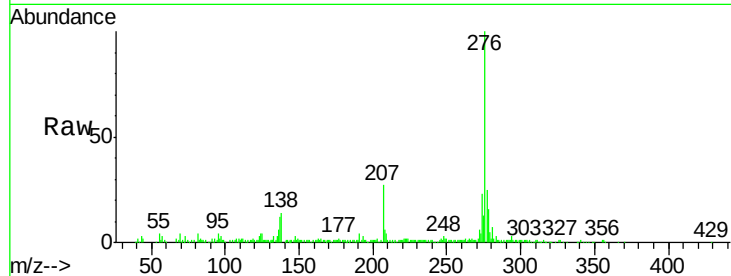
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 5.806 ng/ul
 RT: 28.73 min Scan# 4364
 Delta R.T. 0.02 min
 Lab File: BG042112.D
 Acq: 9 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampleId :
 BENW8

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.0	12.0	18.0
277	24.9	19.2	28.8

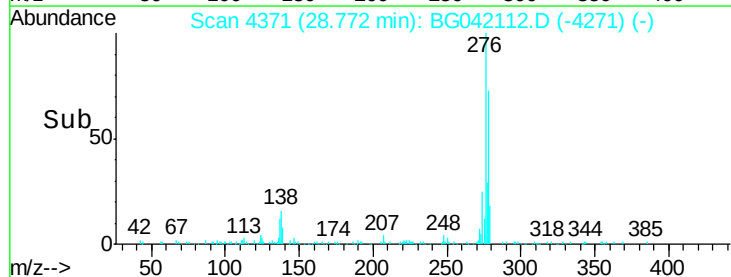
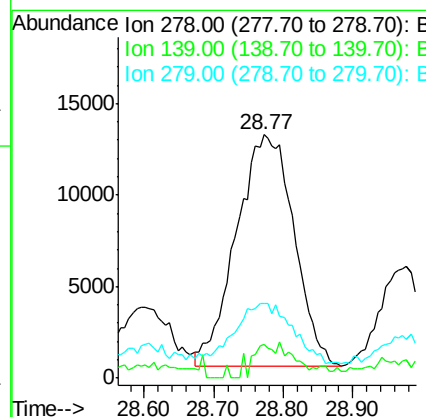
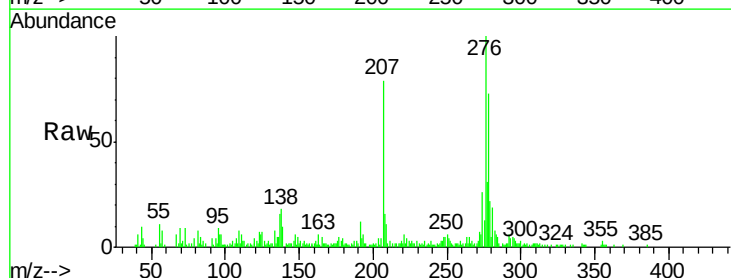
Manual Integrations
 APPROVED

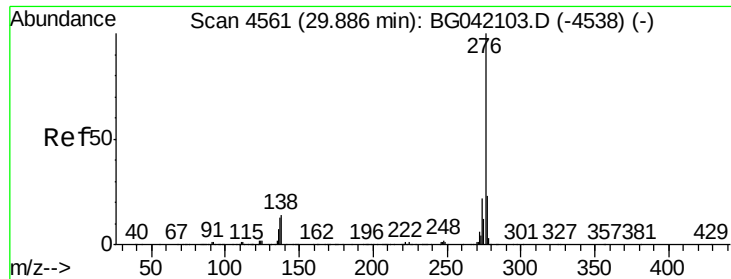
Sohil
 8/13/2019 8:16:59 AM



#92
 Dibenzo(a,h)anthracene
 Concen: 2.264 ng/ul m
 RT: 28.77 min Scan# 4371
 Delta R.T. -0.01 min
 Lab File: BG042112.D
 Acq: 9 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	9.4	14.0
279	30.7	19.2	28.8





#93
 Benzo(a,h,i)perylene
 Concen: 7.283 ng/ul
 RT: 29.89 min Scan# 4562
 Delta R.T. 0.01 min
 Lab File: BG042112.D
 Acq: 9 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampleId :
 BENW8

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.2	12.6	18.8
277	23.9	19.2	28.8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:16:59 AM

