

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
 Data File : BG042241.D
 Acq On : 15 Aug 2019 22:46
 Operator : HP/JU
 Sample : K4183-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG1

Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:31:48 PM

Quant Time: Aug 27 02:07:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	68805	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	277266	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	193602	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	381862m	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	392588m	20.00	ng/ul	0.00
85) Perylene-d12	25.03	264	464444	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	2590	1.65	ng/uL	0.00
5) Phenol-d5	7.18	99	65951	12.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	34155	11.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	62469	13.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	38780	8.55	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	31594	15.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	37981	15.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	69314	14.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	38558	7.10	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	227739	15.17	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	266929	15.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	26458	10.49	ng/ul	0.00
57) Fluorene-d10	15.68	176	201979	15.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	10407m	4.25	ng/ul	0.00
70) Anthracene-d10	17.53	188	293125	16.00	ng/ul	0.00
78) Pyrene-d10	19.83	212	328348	14.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.80	264	385995	15.91	ng/ul	0.03

Target Compounds

					Ovalue	
6) Phenol	7.21	94	12366	2.219	ng/ul#	89
14) Acetophenone	8.85	105	30354	4.353	ng/ul	98
44) Dimethylphthalate	14.13	163	72830	4.885	ng/ul	99
49) Acenaphthene	14.75	153	14010	1.157	ng/ul	96
58) Fluorene	15.73	166	19239	1.322	ng/ul	88
69) Phenanthrene	17.48	178	363846m	17.405	ng/ul	
71) Anthracene	17.57	178	96382	4.546	ng/ul	99
74) Carbazole	17.84	167	20615m	1.174	ng/ul	
76) Fluoranthene	19.50	202	563157	23.315	ng/ul	96
79) Pyrene	19.86	202	439165	16.630	ng/ul	98
80) Butylbenzylphthalate	20.74	149	28645	2.756	ng/ul	92
82) Benzo(a)anthracene	21.71	228	258913m	9.512	ng/ul	
83) Bis(2-ethylhexyl)phthalate	21.62	149	89857	6.336	ng/ul	95
84) Chrysene	21.78	228	228559m	8.996	ng/ul	
87) Benzo(b)fluoranthene	23.99	252	286457	9.828	ng/ul#	77
88) Benzo(k)fluoranthene	24.04	252	91375	3.261	ng/ul#	71
90) Benzo(a)pyrene	24.87	252	187599	6.754	ng/ul#	87
91) Indeno(1,2,3-cd)pyrene	28.77	276	106153	3.277	ng/ul	94
93) Benzo(g,h,i)perylene	29.94	276	86136	3.185	ng/ul#	91

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

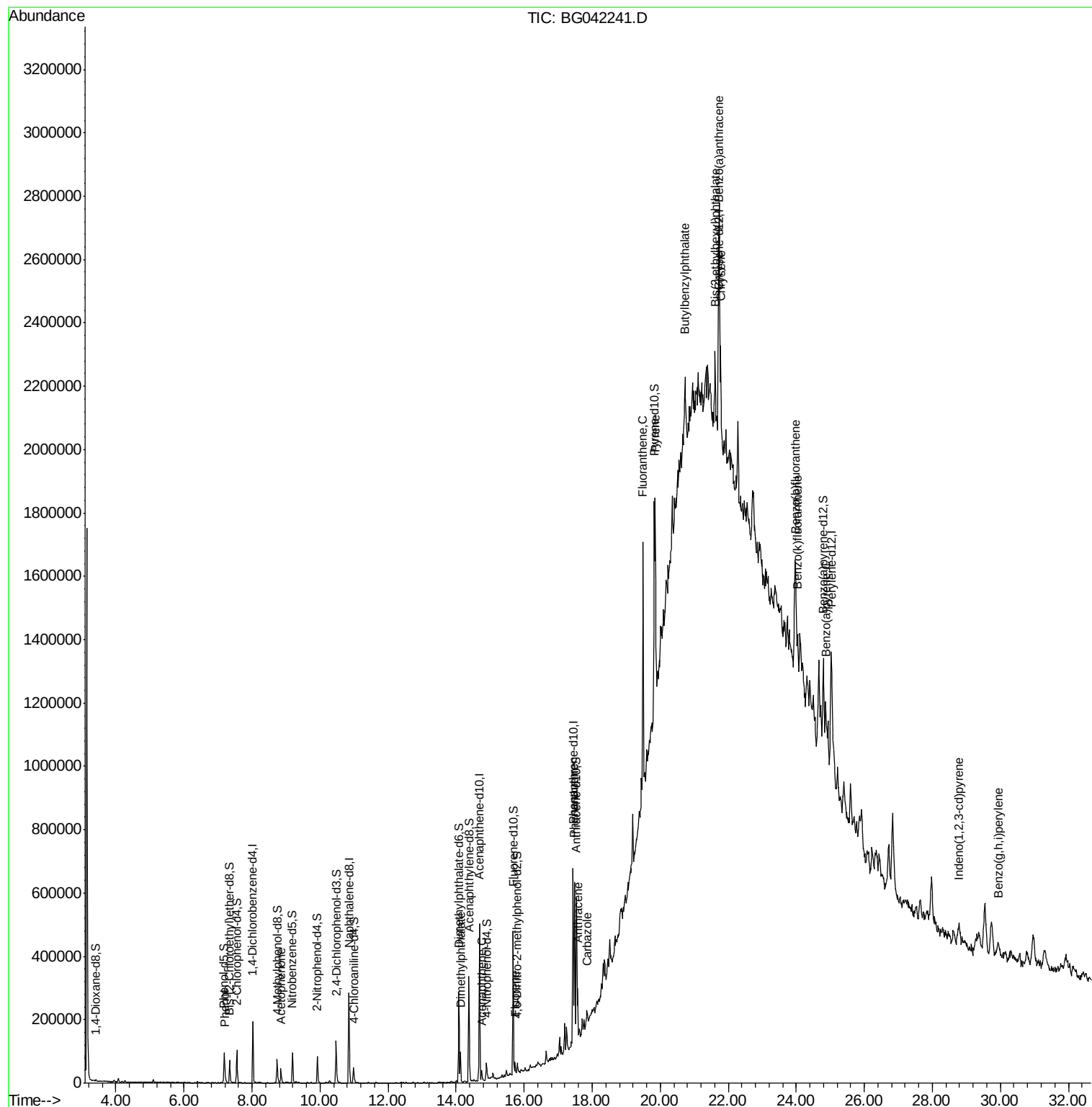
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042241.D
Acq On : 15 Aug 2019 22:46
Operator : HP/JU
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ALS Vial : 22 Sample Multiplier: 1

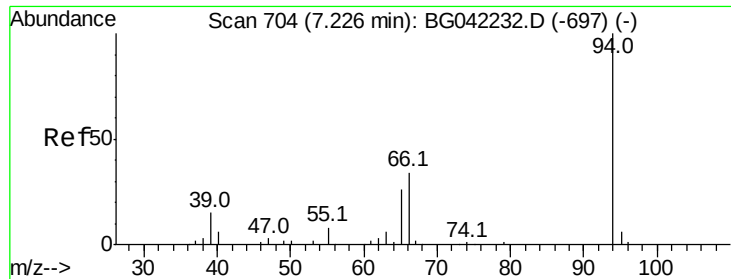
Instrument :
BNA_G
ClientSampleId :
C0AG1

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Quant Time: Aug 27 02:07:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.219 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

Instrument :

BNA_G

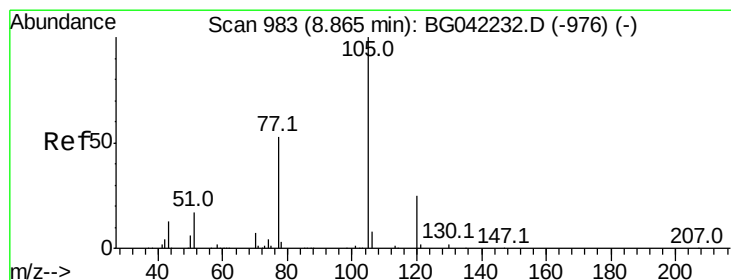
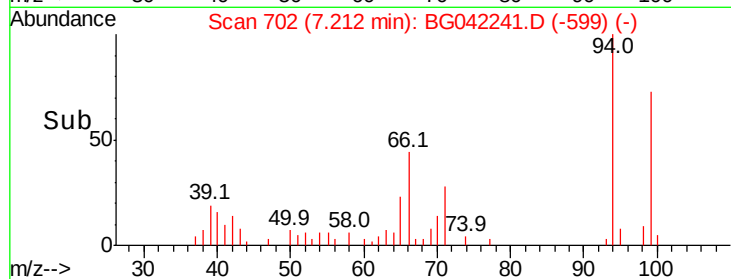
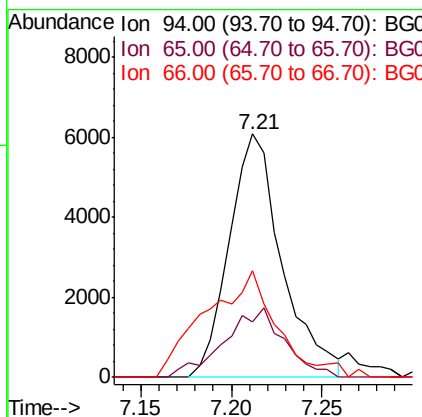
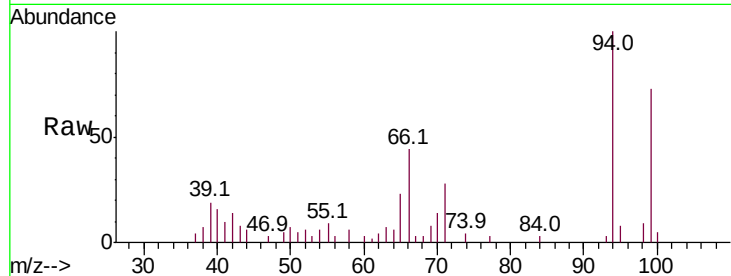
ClientSampled :

C0AG1

Tot Ion:	94	Resp:	12366
Ion Ratio	Lower	Upper	
94	100		
65	22.9	25.8	38.6#
66	43.7	31.8	47.8

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#14

Acetophenone

Concen: 4.353 ng/ul

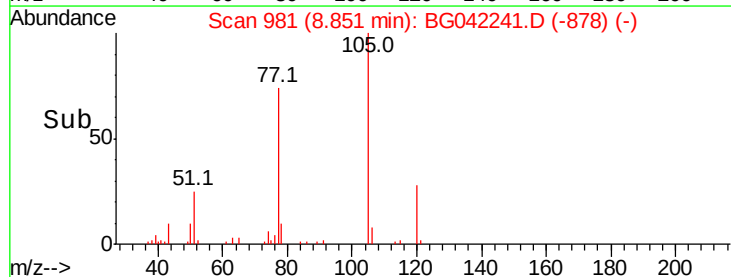
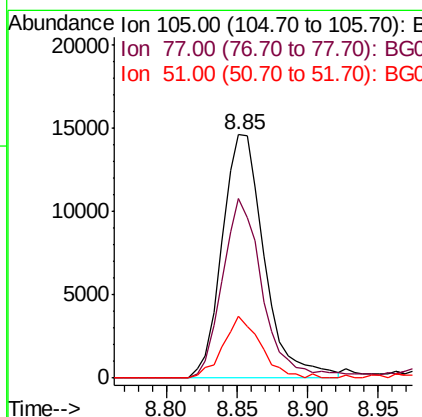
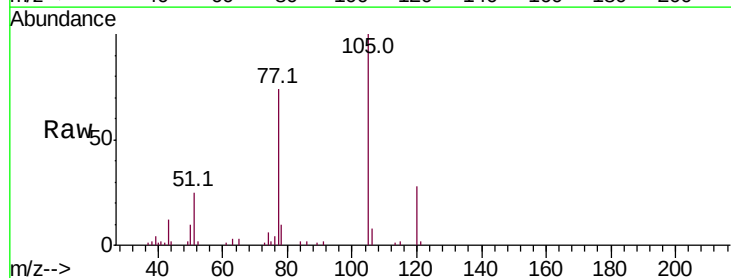
RT: 8.85 min Scan# 981

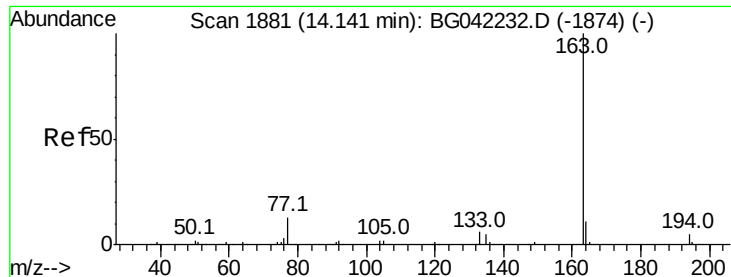
Delta R.T. 0.00 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

Tgt Ion:	105	Resp:	30354
Ion Ratio	Lower	Upper	
105	100		
77	73.8	60.0	90.0
51	25.1	22.1	33.1





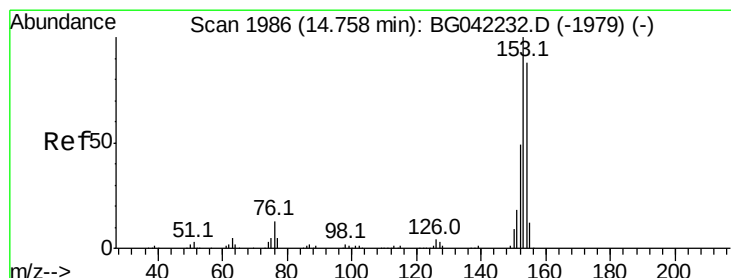
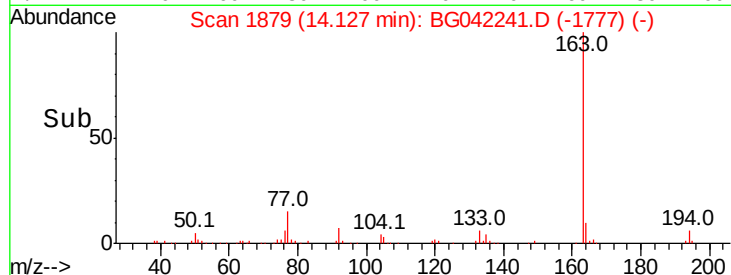
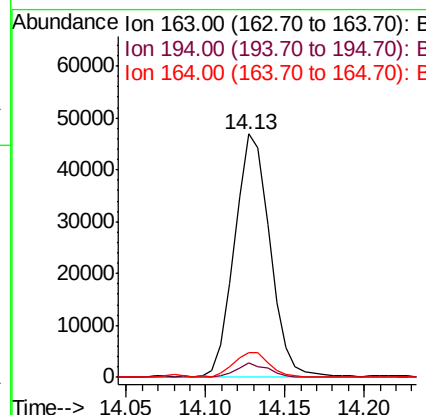
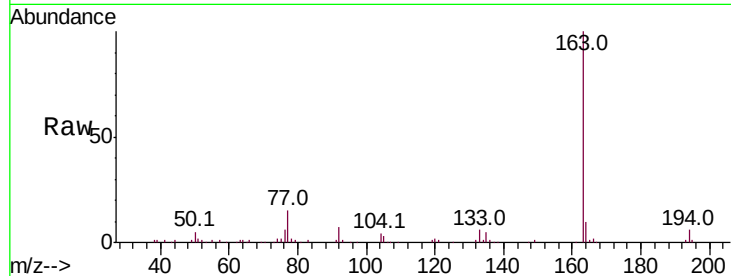
#44
Dimethylphthalate
Concen: 4.885 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG042241.D
Acq: 15 Aug 2019 22:46

Instrument :
BNA_G
ClientSampleId :
C0AG1

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.9	4.2	6.2
164	9.9	7.8	11.8

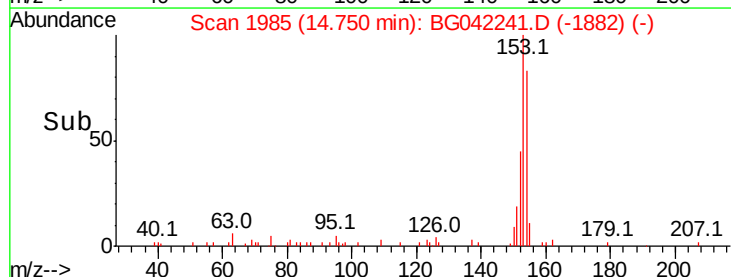
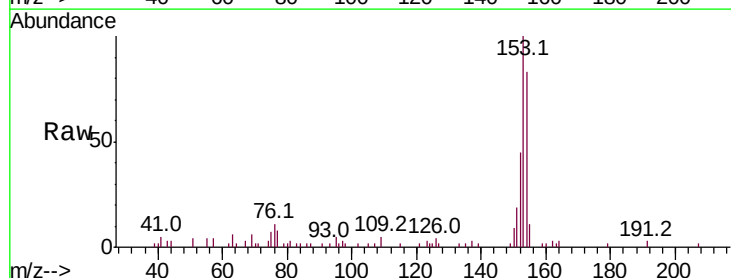
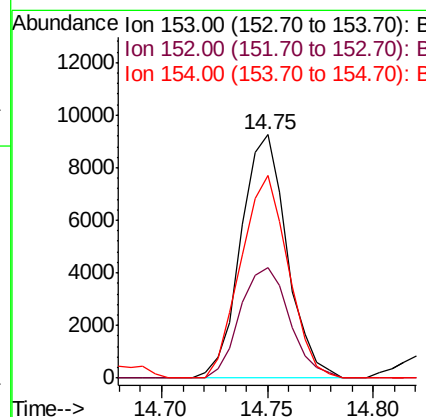
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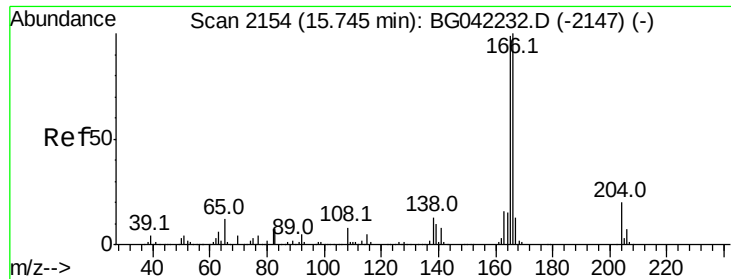
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#49
Acenaphthene
Concen: 1.157 ng/ul
RT: 14.75 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG042241.D
Acq: 15 Aug 2019 22:46

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.2	37.8	56.8
154	83.0	69.4	104.2





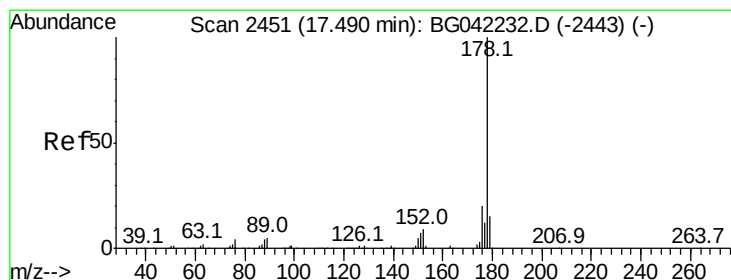
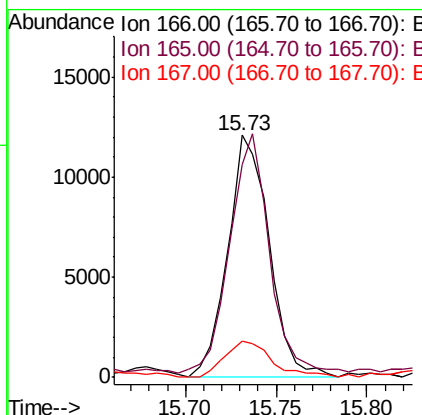
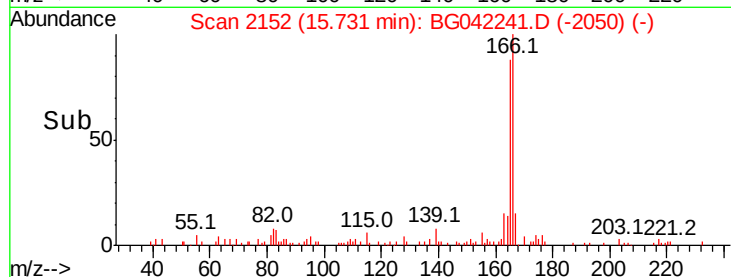
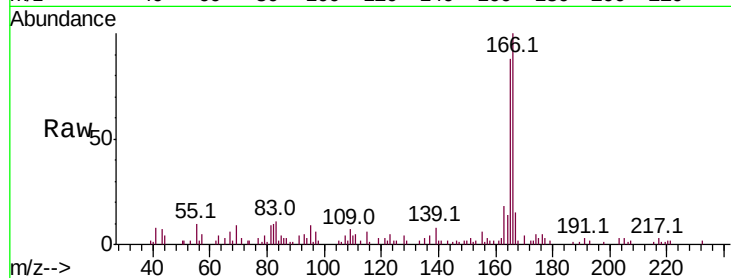
#58
 Fluorene
 Concen: 1.322 ng/ul
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042241.D
 Acq: 15 Aug 2019 22:46

Instrument :
 BNA_G
 ClientSampleId :
 C0AG1

Tot Ion	Ratio	Lower	Upper
166	100		
165	88.1	81.1	121.7
167	15.0	11.0	16.4

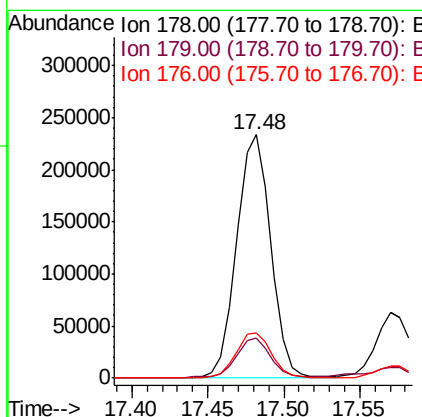
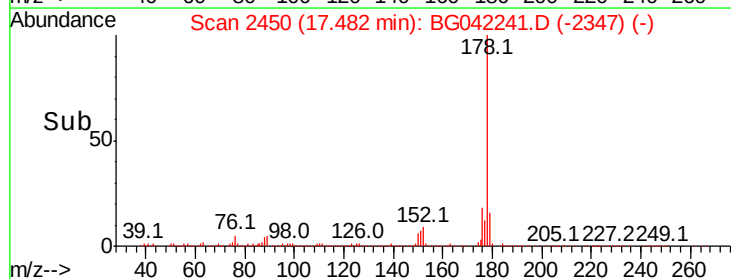
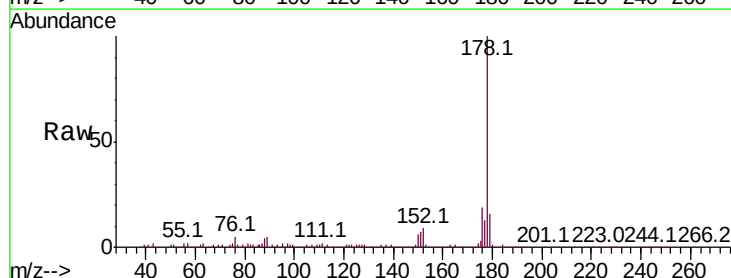
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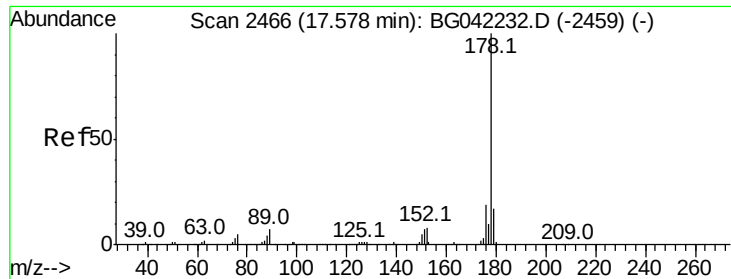
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#69
 Phenanthrene
 Concen: 17.405 ng/ul m
 RT: 17.48 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BG042241.D
 Acq: 15 Aug 2019 22:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	18.6	15.4	23.2





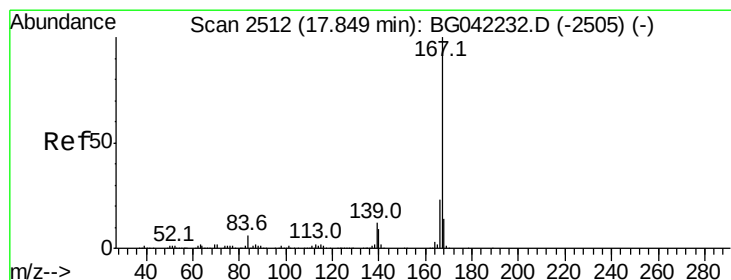
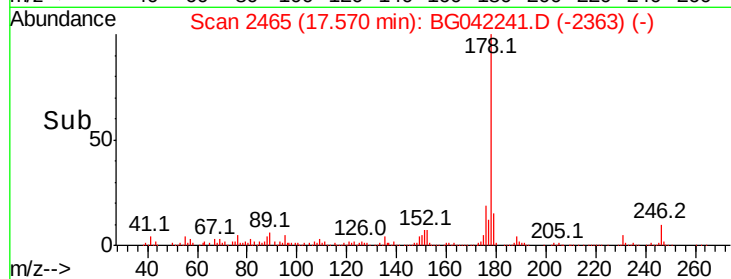
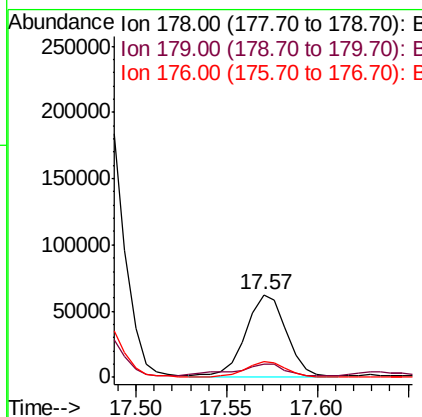
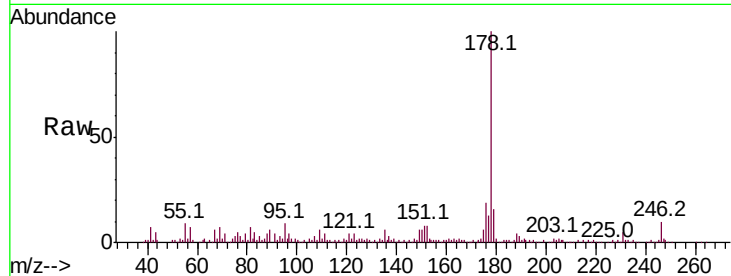
#71
 Anthracene
 Concen: 4.546 ng/ul
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG042241.D
 Acq: 15 Aug 2019 22:46

Instrument :
 BNA_G
 ClientSampled :
 C0AG1

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.4	20.0
176	19.2	15.4	23.2

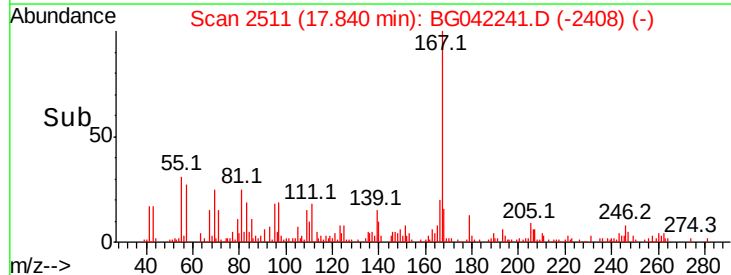
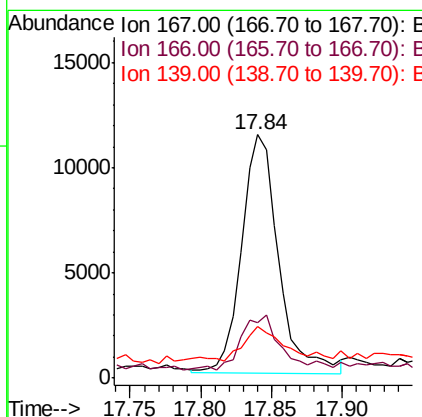
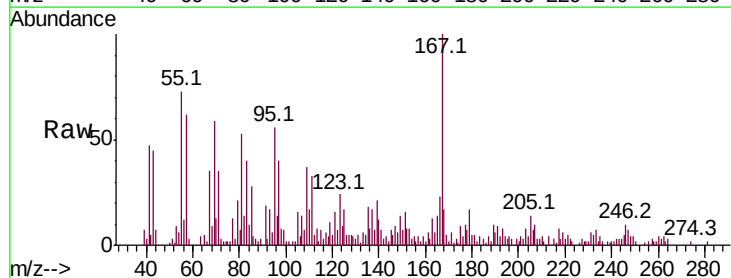
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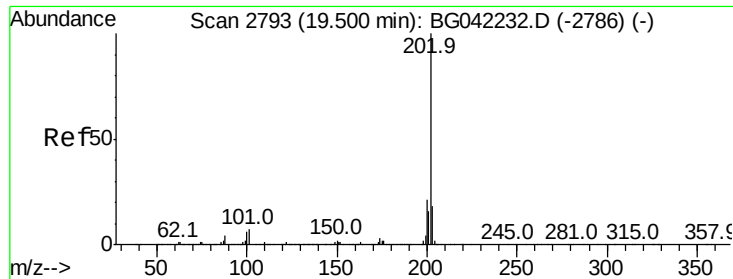
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#74
 Carbazole
 Concen: 1.174 ng/ul m
 RT: 17.84 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: BG042241.D
 Acq: 15 Aug 2019 22:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	21.3	9.6	14.4#





#76

Fluoranthene

Concen: 23.315 ng/ul

RT: 19.50 min Scan# 2793

Delta R.T. 0.01 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

Instrument :

BNA_G

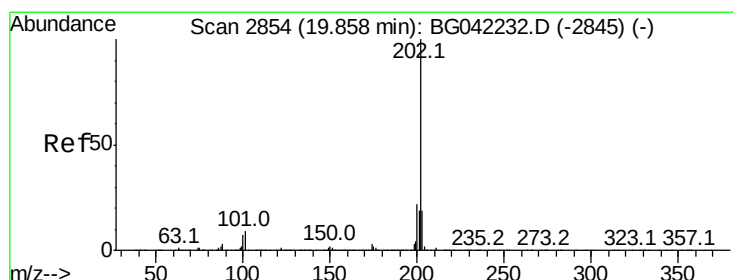
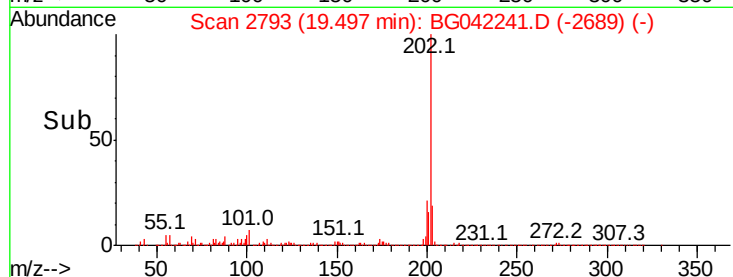
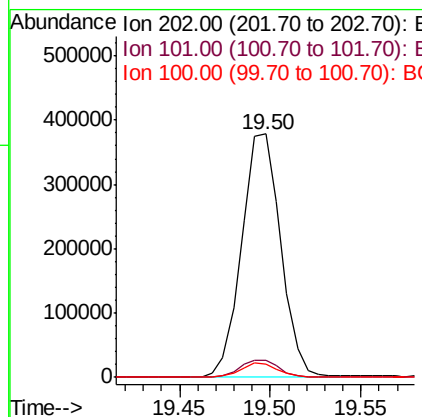
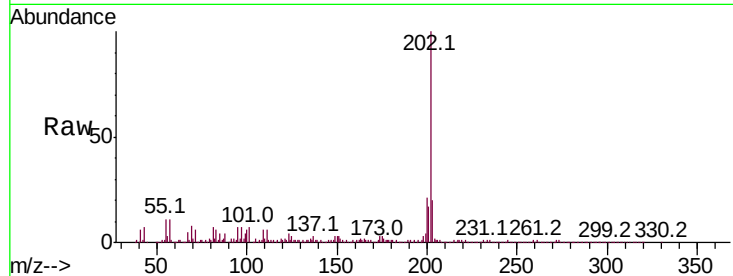
ClientSampleId :

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Tot Ion:	202	Resp:	563157
Ion Ratio	Lower	Upper	
202	100		
101	6.8	6.7	10.1
100	5.5	5.3	7.9

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#79

Pyrene

Concen: 16.630 ng/ul

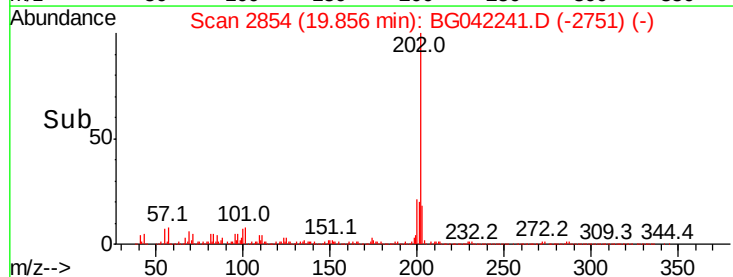
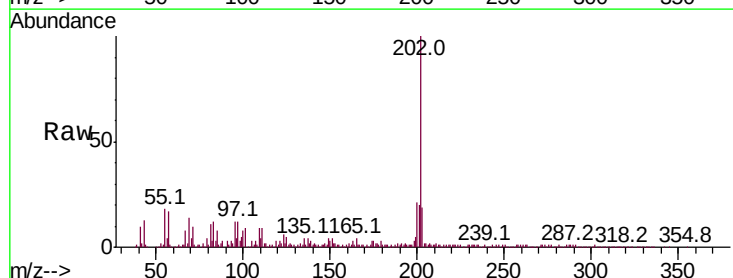
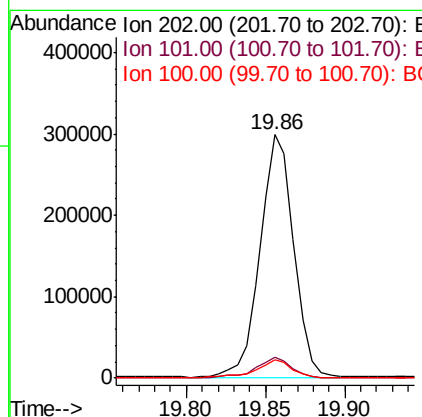
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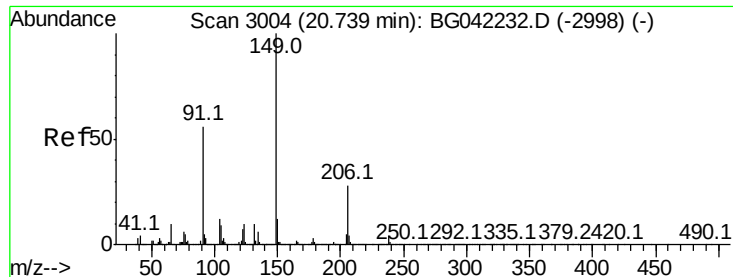
Delta R.T. 0.00 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

Tgt Ion:	202	Resp:	439165
Ion Ratio	Lower	Upper	
202	100		
101	8.5	7.6	11.4
100	7.5	6.5	9.7





#80

Butylbenzylphthalate

Concen: 2.756 ng/ul

RT: 20.74 min Scan# 3005

Delta R.T. 0.01 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

Instrument :

BNA_G

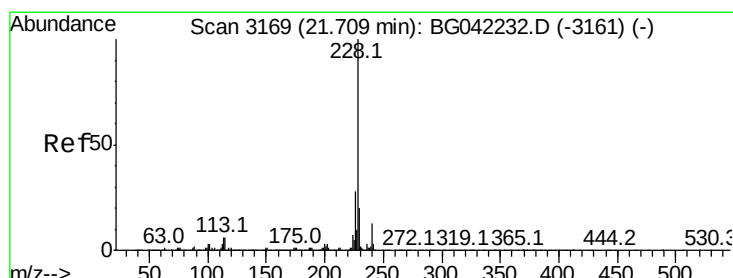
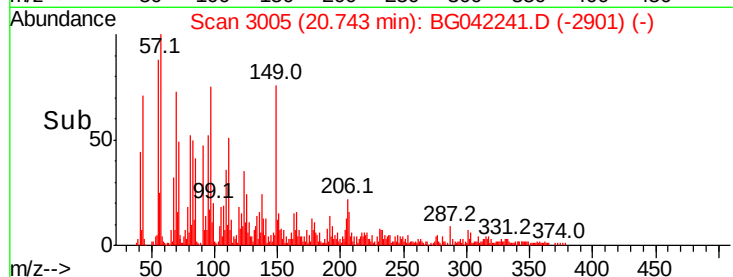
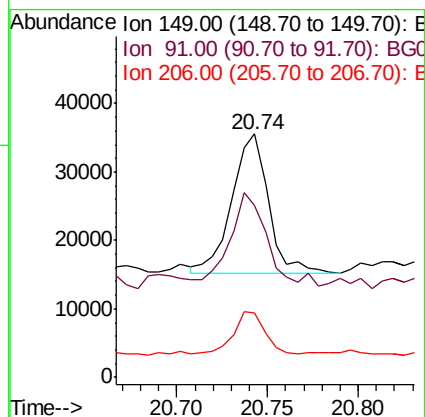
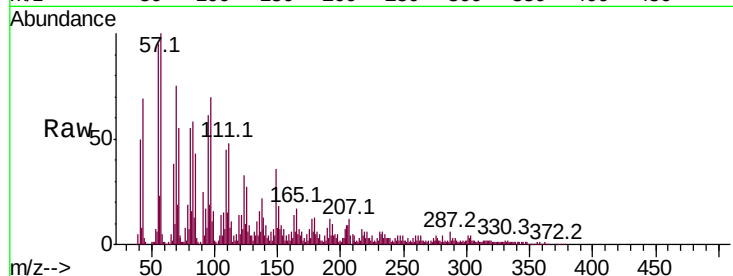
ClientSampleId :

C0AG1

Tot Ion:	149	Resp:	28645
Ion Ratio	Lower	Upper	
149	100		
91	70.4	49.5	74.3
206	26.2	21.3	31.9

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#82

Benzo(a)anthracene

Concen: 9.512 ng/ul m

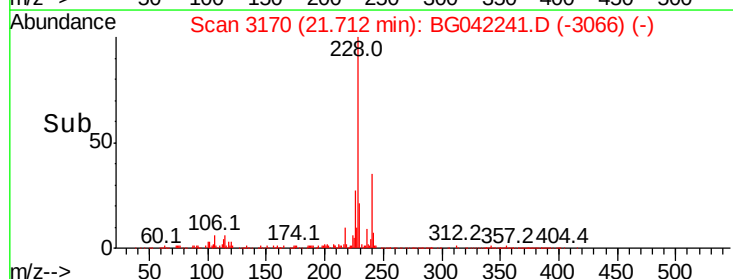
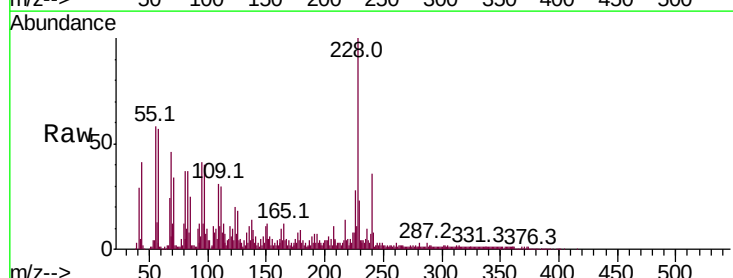
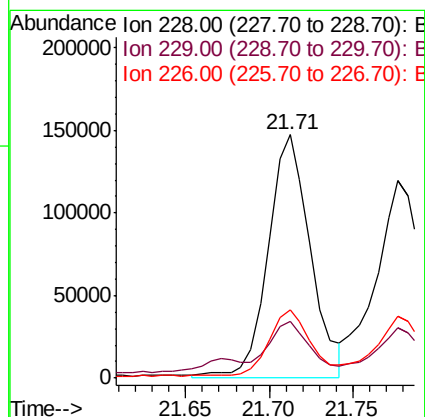
RT: 21.71 min Scan# 3170

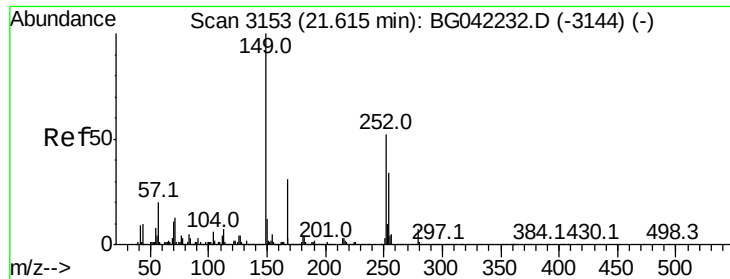
Delta R.T. 0.01 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

Tgt Ion:	228	Resp:	258913
Ion Ratio	Lower	Upper	
228	100		
229	23.3	17.0	25.6
226	28.2	23.3	34.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.336 ng/ul

RT: 21.62 min Scan# 3154

Delta R.T. 0.01 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

Instrument :

BNA_G

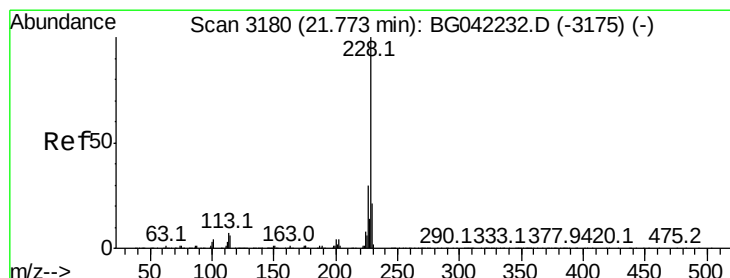
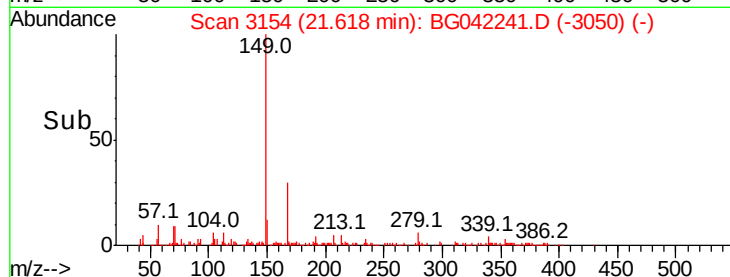
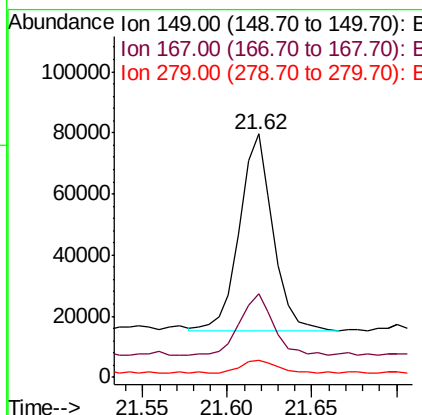
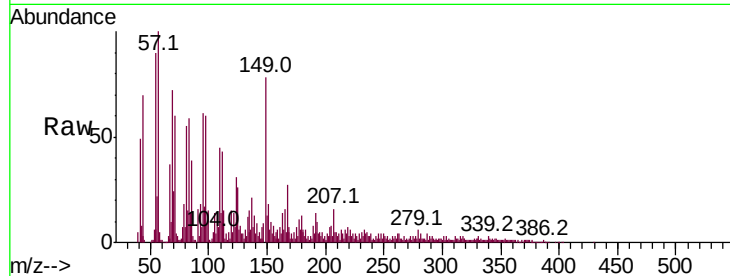
ClientSampled :

C0AG1

Tot Ion:	149	Resp:	89857
Ion Ratio	Lower	Upper	
149	100		
167	34.6	25.0	37.4
279	7.2	5.2	7.8

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#84

Chrysene

Concen: 8.996 ng/ul m

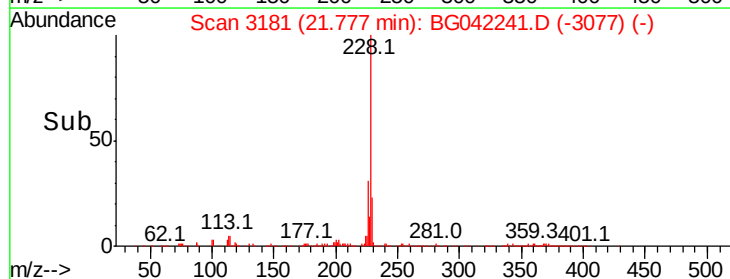
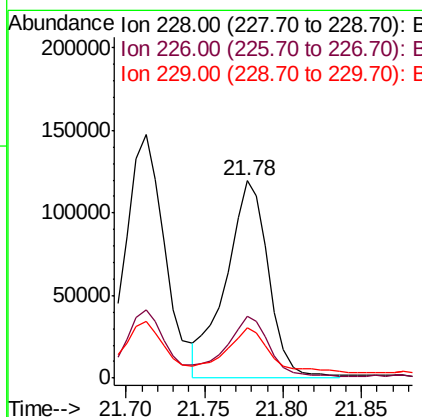
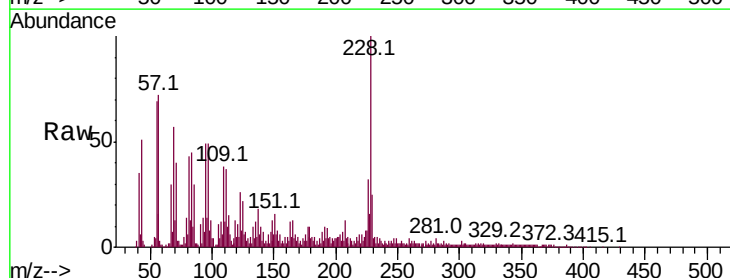
RT: 21.78 min Scan# 3181

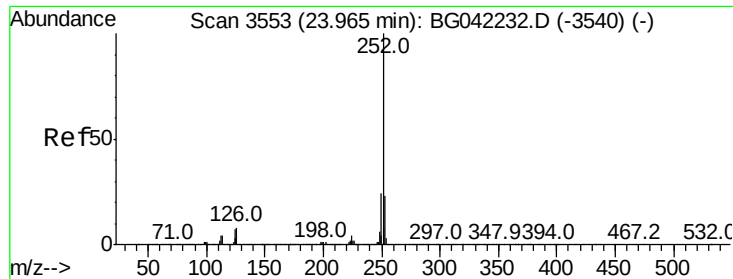
Delta R.T. 0.01 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

Tgt Ion:	228	Resp:	228559
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.7	38.5
229	25.3	16.6	24.8#





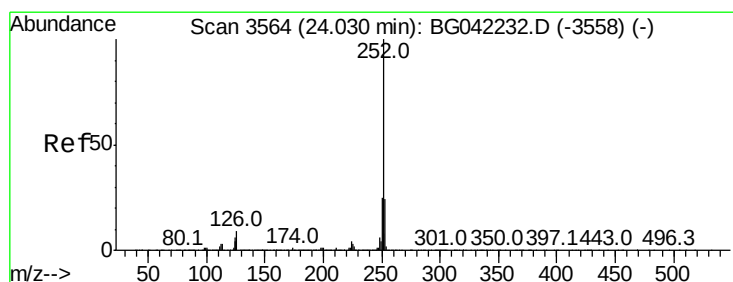
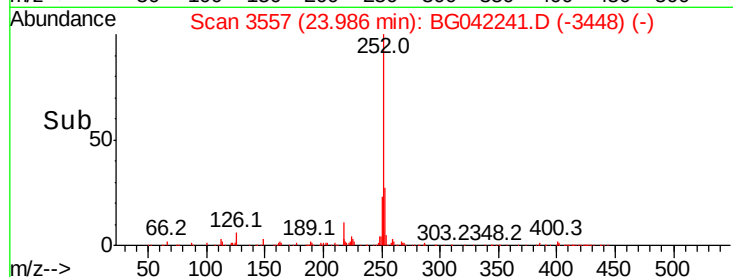
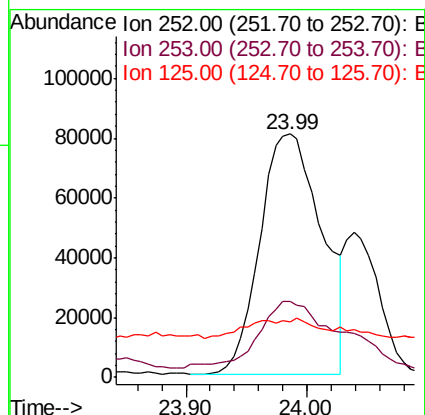
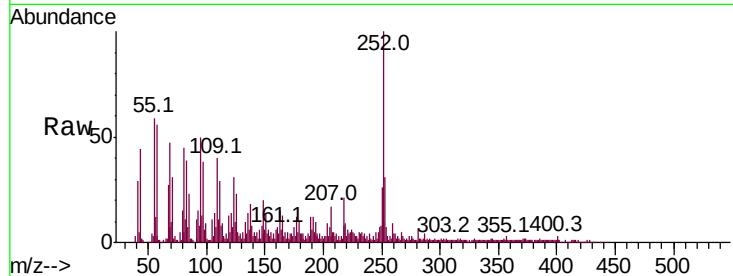
#87
Benzo(b)fluoranthene
Concen: 9.828 ng/ul
RT: 23.99 min Scan# 3557
Delta R.T. 0.04 min
Lab File: BG042241.D
Acq: 15 Aug 2019 22:46

Instrument :
BNA_G
ClientSampleId :
C0AG1

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.0	18.4	27.6#
125	22.6	5.8	8.8#

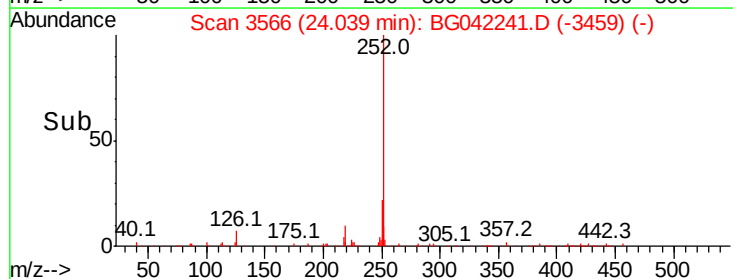
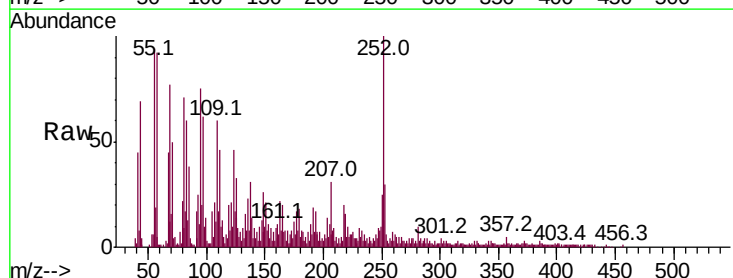
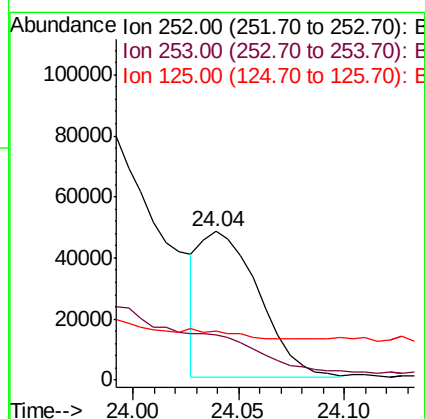
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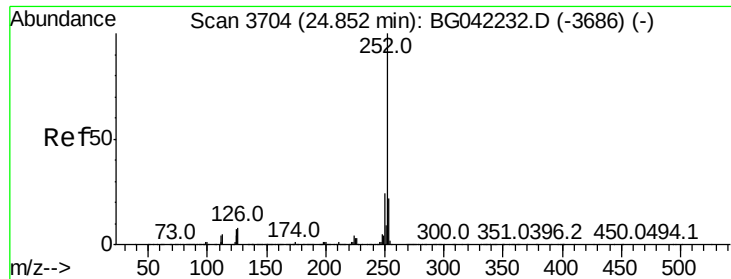
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#88
Benzo(k)fluoranthene
Concen: 3.261 ng/ul
RT: 24.04 min Scan# 3566
Delta R.T. 0.03 min
Lab File: BG042241.D
Acq: 15 Aug 2019 22:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.2	18.3	27.5#
125	32.7	5.5	8.3#





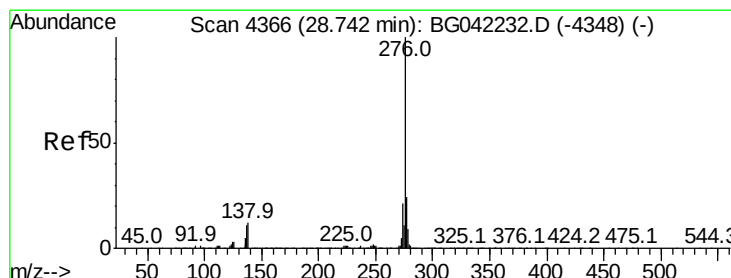
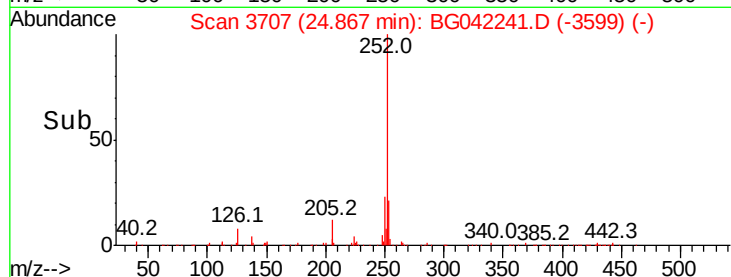
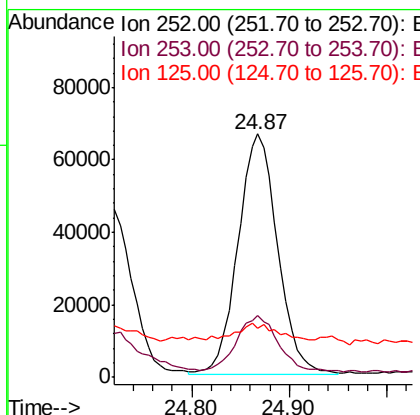
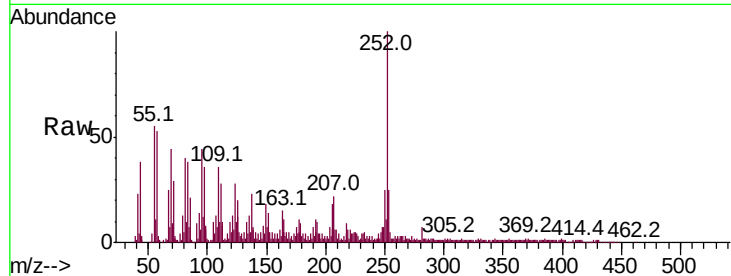
#90
Benzo(a)pyrene
Concen: 6.754 ng/ul
RT: 24.87 min Scan# 3707
Delta R.T. 0.03 min
Lab File: BG042241.D
Acq: 15 Aug 2019 22:46

Instrument :
BNA_G
ClientSampleId :
C0AG1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.3	27.5
125	20.4	6.5	9.7

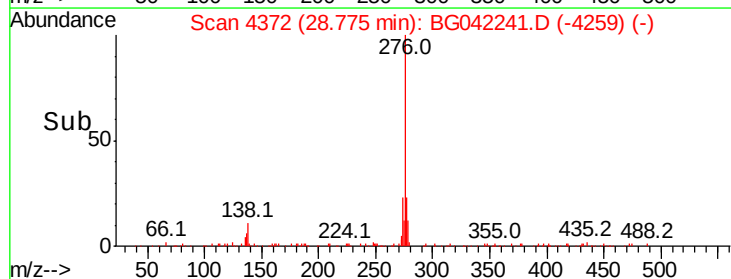
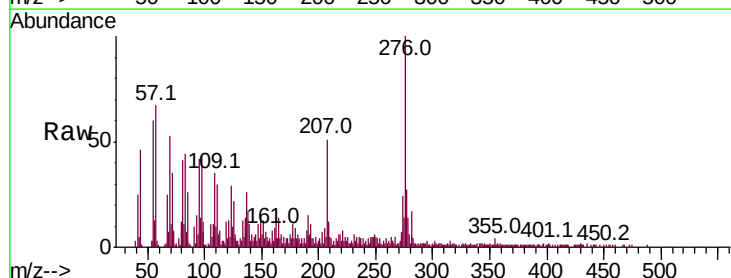
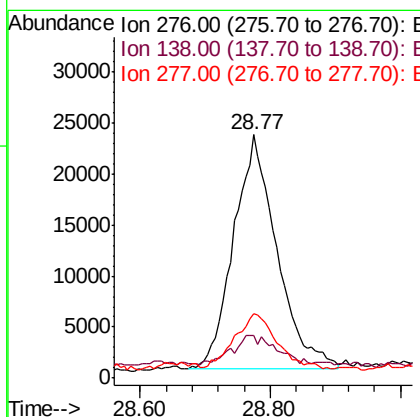
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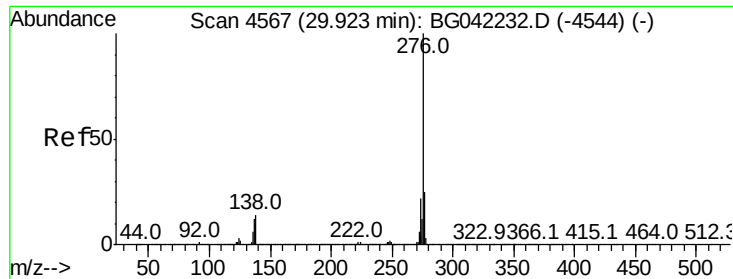
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#91
Indeno(1,2,3-cd)pyrene
Concen: 3.277 ng/ul
RT: 28.77 min Scan# 4372
Delta R.T. 0.06 min
Lab File: BG042241.D
Acq: 15 Aug 2019 22:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	12.0	18.0
277	26.7	19.2	28.8





#93

Benzo(a,h,i)perylene

Concen: 3.185 ng/ul

RT: 29.94 min Scan# 4571

Delta R.T. 0.07 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

Instrument :

BNA_G

ClientSampleId :

C0AG1

Tot Ion:	276	Resp:	86136
Ion Ratio	Lower	Upper	
276	100		
138	22.4	12.6	18.8#
277	26.2	19.2	28.8

Manual Integrations
APPROVED

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