

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042201.D
 Acq On : 14 Aug 2019 8:41
 Operator : HP/JU
 Sample : K4304-07
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB5N8

Manual Integrations
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 8/15/2019 5:11:34 PM

Quant Time: Aug 14 10:53:22 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	8.02	152	81915	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	338283	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	233622	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	473307	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	466645	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	550928	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	8524	4.55	ng/uL	0.00
5) Phenol-d5	7.18	99	218737	34.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	110427	30.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	199006	36.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	181470	33.62	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	99076	38.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	123439	41.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	228629	38.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	262254	39.60	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	655062	36.15	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	771651	37.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	92607	30.44	ng/ul	0.00
57) Fluorene-d10	15.68	176	578425	35.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	90399	29.77	ng/ul	0.00
70) Anthracene-d10	17.54	188	833293	36.70	ng/ul	0.00
78) Pyrene-d10	19.83	212	932391	35.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	1102738	38.32	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.21	94	9905	1.493	ng/ul#	78
28) Naphthalene	10.90	128	40638	2.350	ng/ul	98
34) 2-Methylnaphthalene	12.51	142	16015	1.165	ng/ul	91
44) Dimethylphthalate	14.13	163	83016	4.614	ng/ul	97
49) Acenaphthene	14.75	153	41306	2.828	ng/ul	99
53) Dibenzofuran	15.09	168	40380	1.852	ng/ul	100
58) Fluorene	15.73	166	46686	2.659	ng/ul	98
69) Phenanthrene	17.48	178	674263	26.022	ng/ul	99
71) Anthracene	17.57	178	157484	5.992	ng/ul	97
74) Carbazole	17.84	167	59914	2.752	ng/ul	99
76) Fluoranthene	19.49	202	1021639	34.125	ng/ul	99
79) Pyrene	19.86	202	866342	27.600	ng/ul	97
82) Benzo(a)anthracene	21.70	228	530922	16.409	ng/ul	100
84) Chrysene	21.77	228	487114	16.131	ng/ul	98
87) Benzo(b)fluoranthene	23.96	252	669729	19.371	ng/ul	100
88) Benzo(k)fluoranthene	24.02	252	258778m	7.785	ng/ul	
90) Benzo(a)pyrene	24.85	252	478571	14.526	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.73	276	293758	7.645	ng/ul	100
92) Dibenzo(a,h)anthracene	28.78	278	84617m	2.700	ng/ul	
93) Benzo(g,h,i)perylene	29.89	276	238383	7.430	ng/ul	97

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

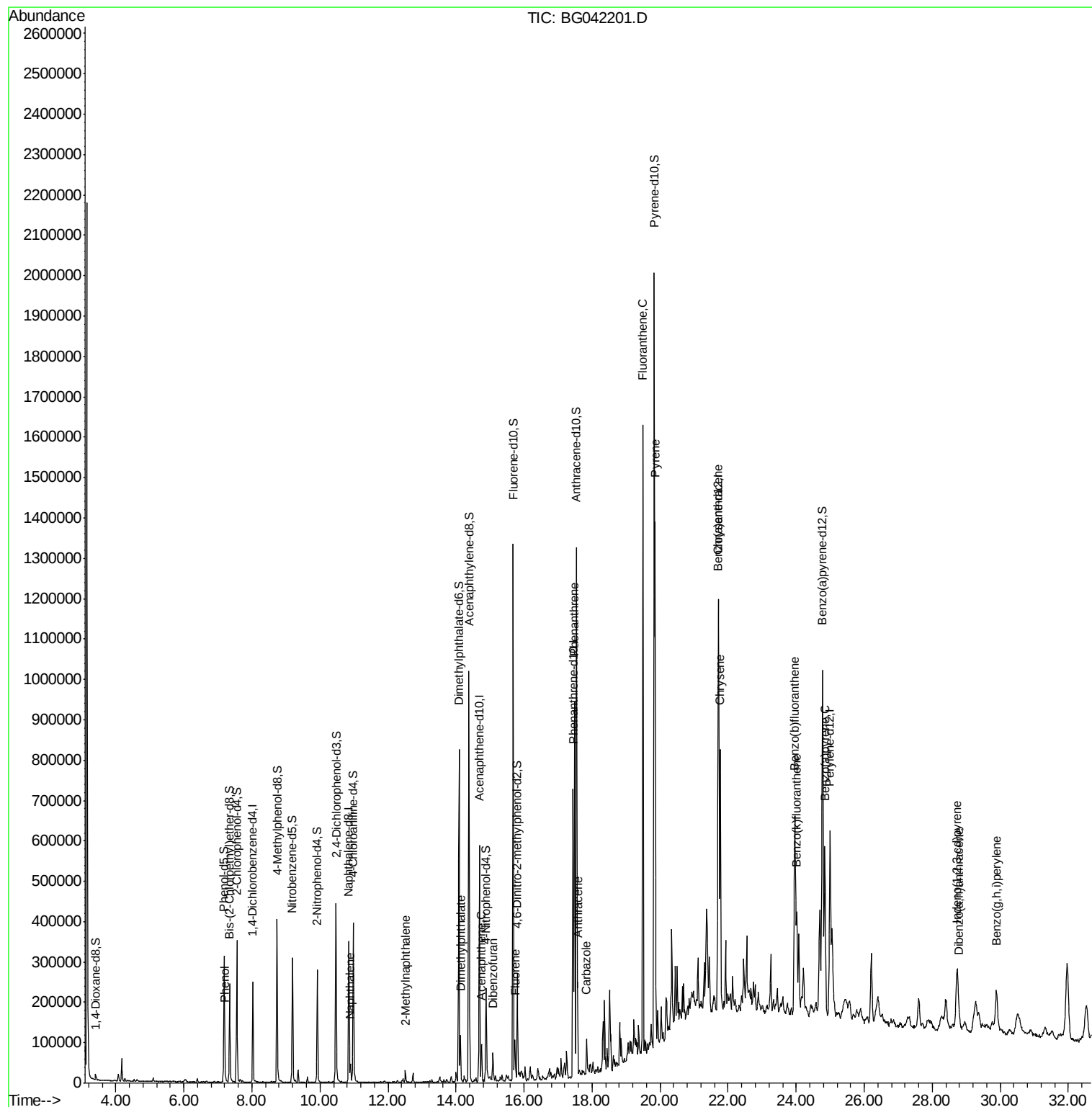
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042201.D
Acq On : 14 Aug 2019 8:41
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Misc :
ALS Vial : 63 Sample Multiplier: 1

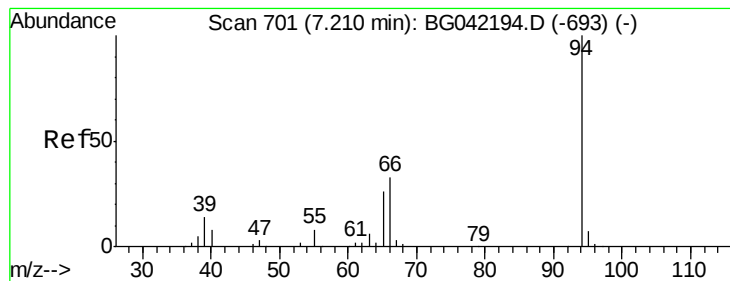
Instrument :
BNA_G
ClientSampled :
CB5N8

Quant Time: Aug 14 10:53:22 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
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#6

Phenol

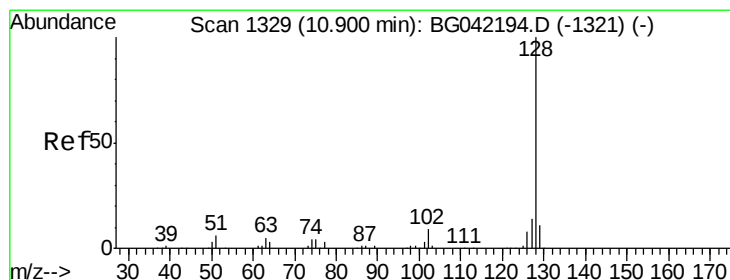
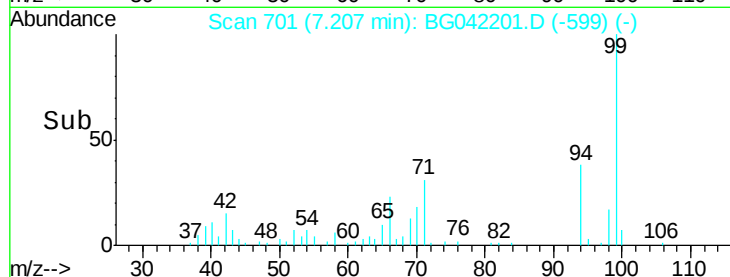
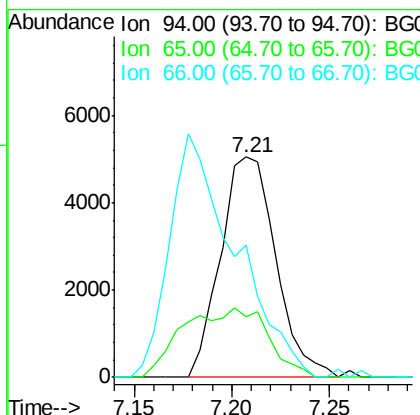
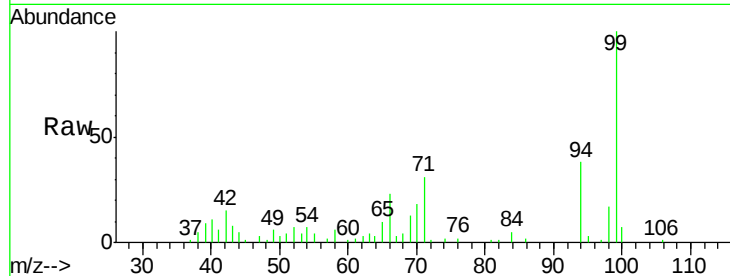
Concen: 1.493 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG042201.D
 Acq: 14 Aug 2019 8:41

Instrument :
 BNA_G
 ClientSampleId :
 CB5N8

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.6	25.8	38.6
66	60.2	31.8	47.8

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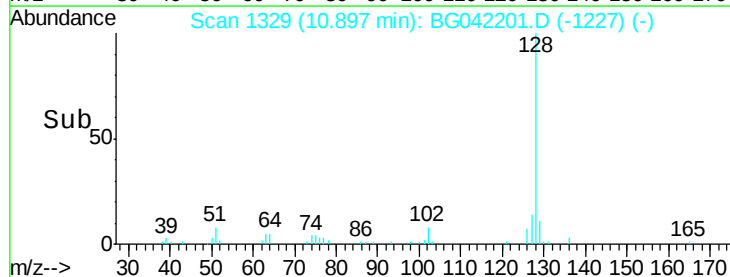
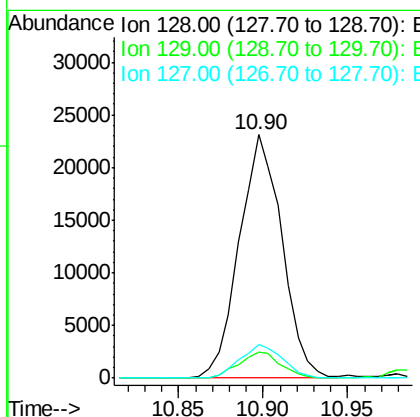
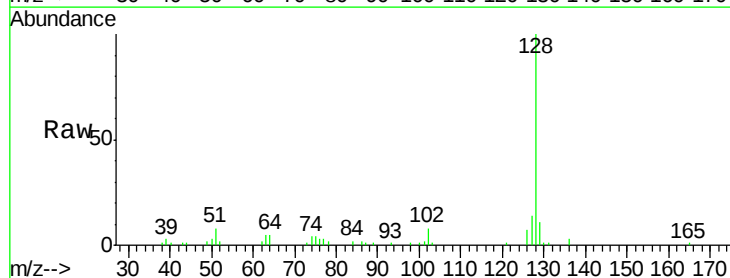


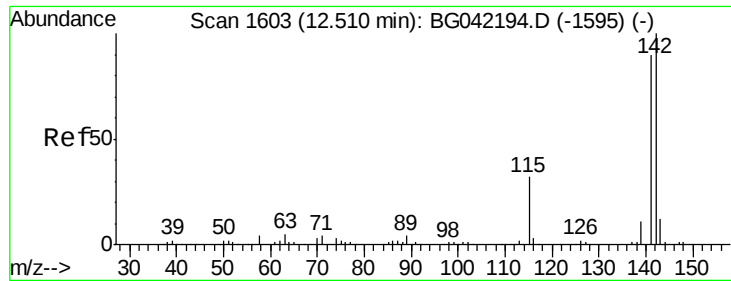
#28

Naphthalene

Concen: 2.350 ng/ul
 RT: 10.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BG042201.D
 Acq: 14 Aug 2019 8:41

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.5	14.3
127	14.0	11.4	17.0





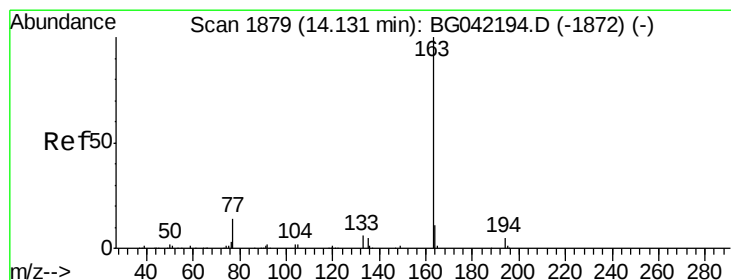
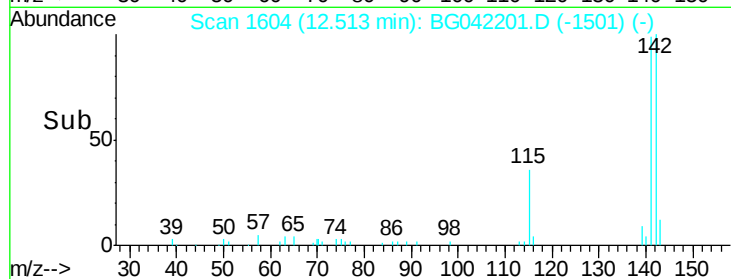
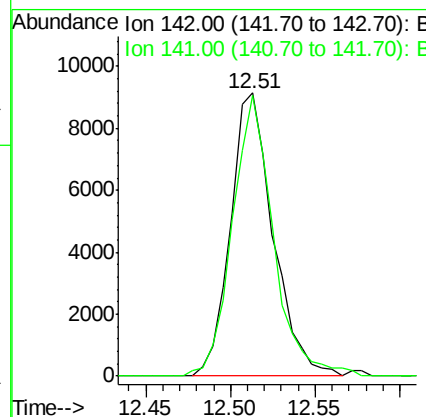
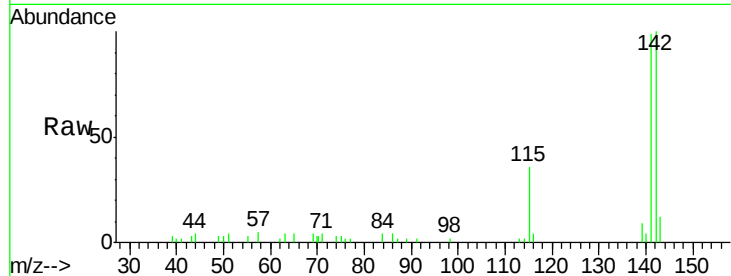
#34
 2-Methylnaphthalene
 Concen: 1.165 ng/ul
 RT: 12.51 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BG042201.D
 Acq: 14 Aug 2019 8:41

Instrument :
 BNA_G
 ClientSampled :
 CB5N8

Tot Ion	Ratio	Lower	Upper
142	100		
141	99.3	72.9	109.3

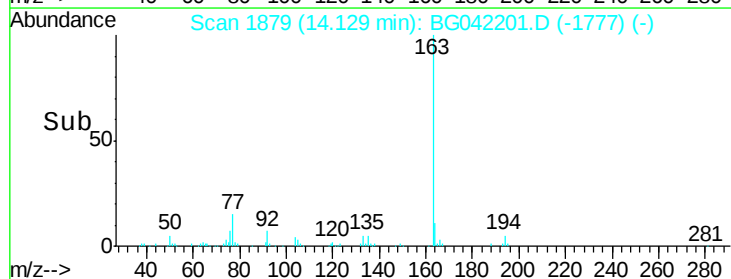
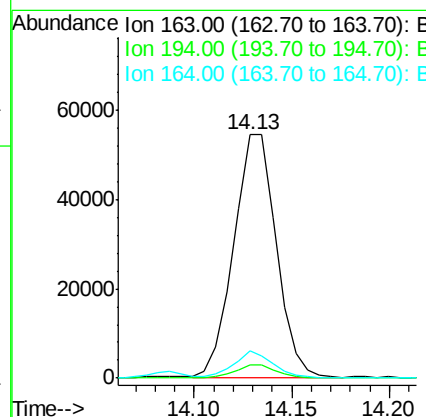
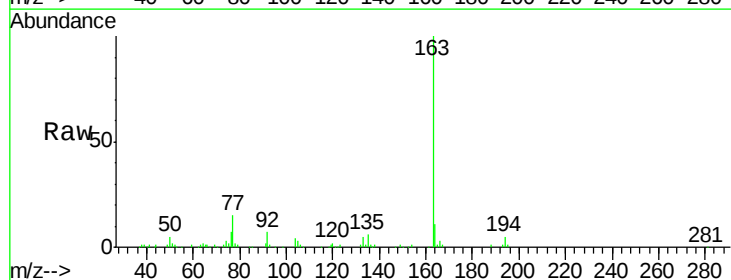
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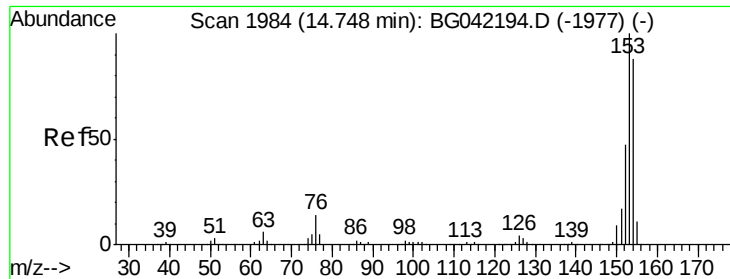
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#44
 Dimethylphthalate
 Concen: 4.614 ng/ul
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG042201.D
 Acq: 14 Aug 2019 8:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.2	6.2
164	11.2	7.8	11.8





#49

Acenaphthene

Concen: 2.828 ng/ul

RT: 14.75 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BG042201.D

Acq: 14 Aug 2019 8:41

Instrument :

BNA_G

ClientSampleId :

CB5N8

Tot Ion:153 Resp: 41306

Ion Ratio Lower Upper

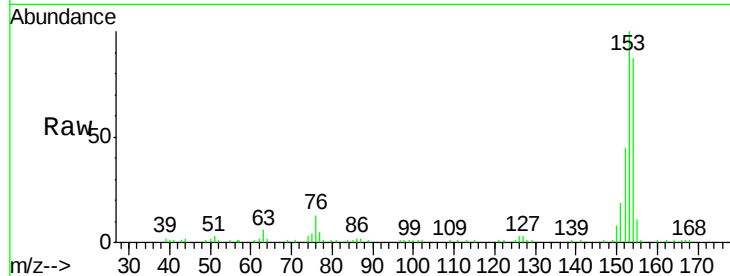
153 100

152 45.0 37.8 56.8

154 87.2 69.4 104.2

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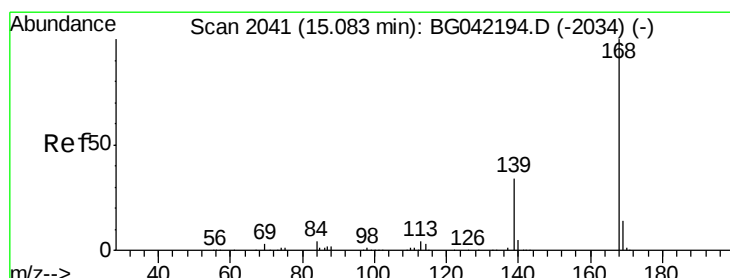
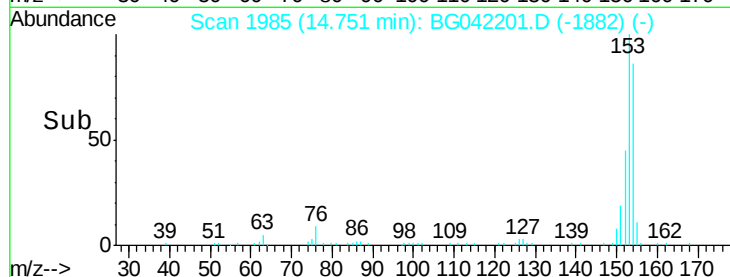
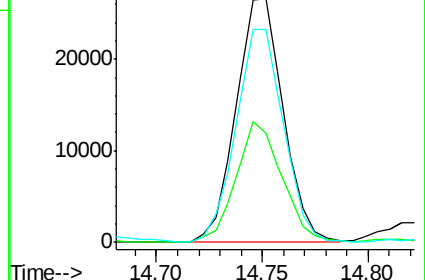
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.852 ng/ul

RT: 15.09 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BG042201.D

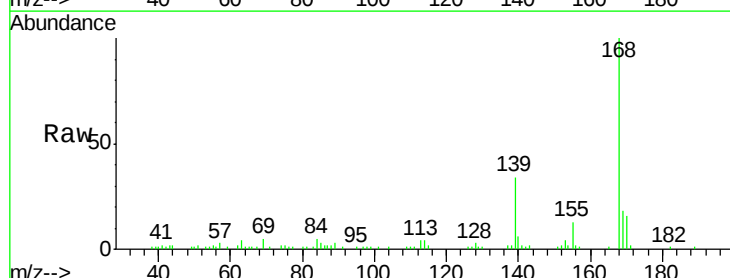
Acq: 14 Aug 2019 8:41

Tgt Ion:168 Resp: 40380

Ion Ratio Lower Upper

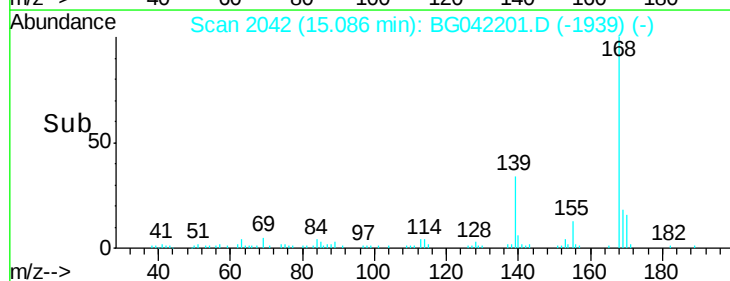
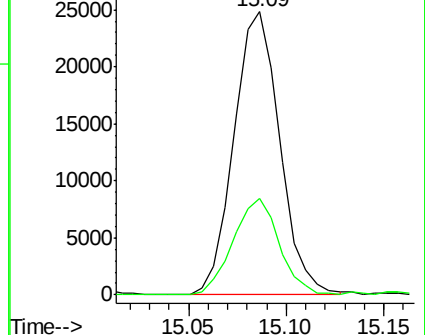
168 100

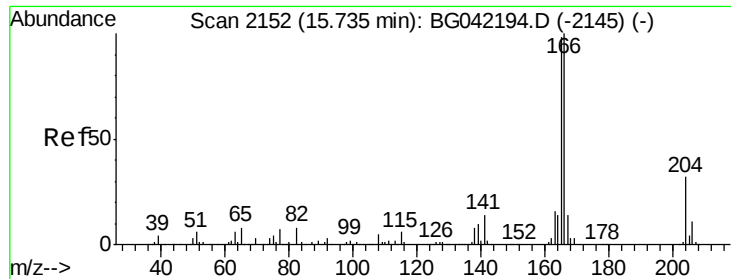
139 34.0 27.3 40.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.659 ng/ul

RT: 15.73 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG042201.D

Acq: 14 Aug 2019 8:41

Instrument :

BNA_G

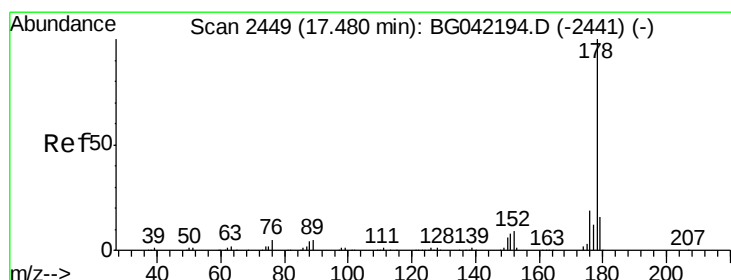
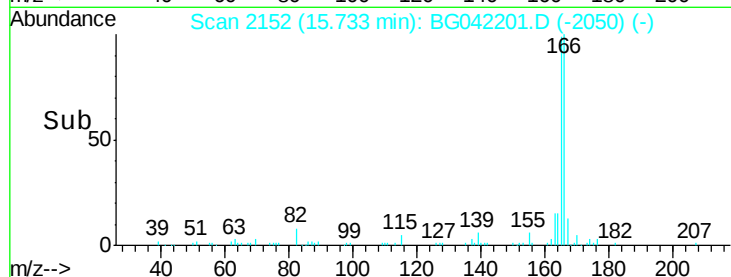
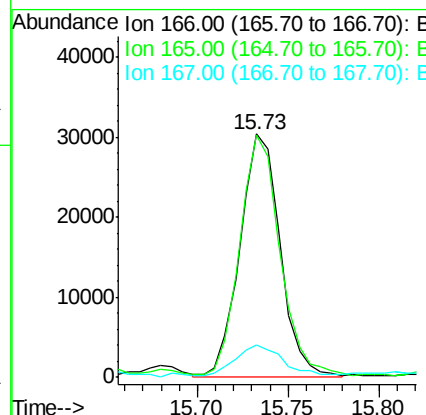
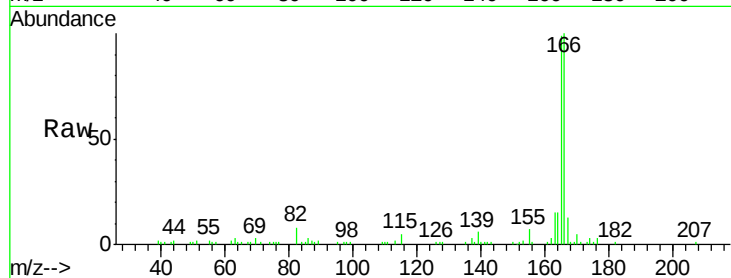
ClientSampleId :

CB5N8

Tot Ion:	166	Resp:	46686
Ion Ratio	Lower	Upper	
166	100		
165	99.3	81.1	121.7
167	13.2	11.0	16.4

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#69

Phenanthrene

Concen: 26.022 ng/ul

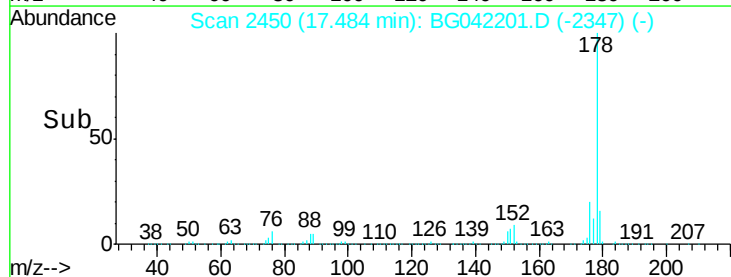
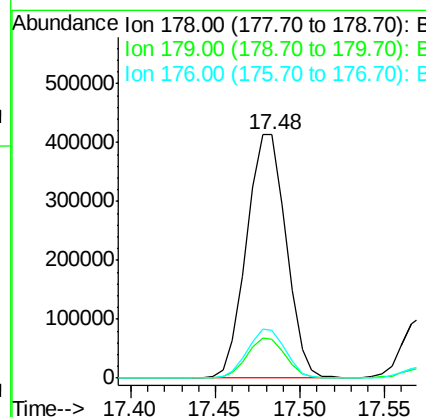
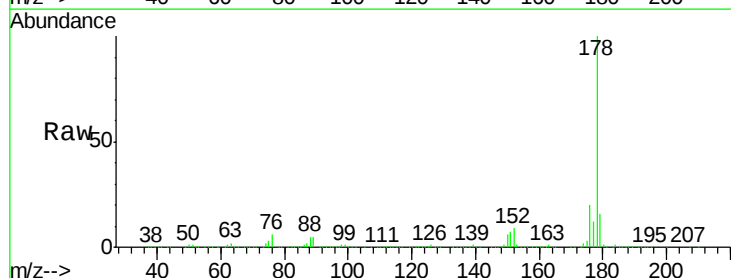
RT: 17.48 min Scan# 2450

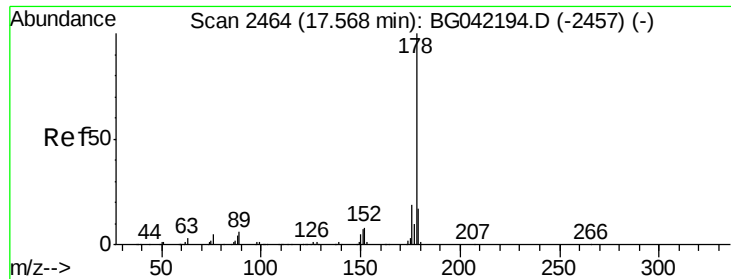
Delta R.T. 0.00 min

Lab File: BG042201.D

Acq: 14 Aug 2019 8:41

Tgt Ion:	178	Resp:	674263
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.8	19.2
176	19.7	15.4	23.2





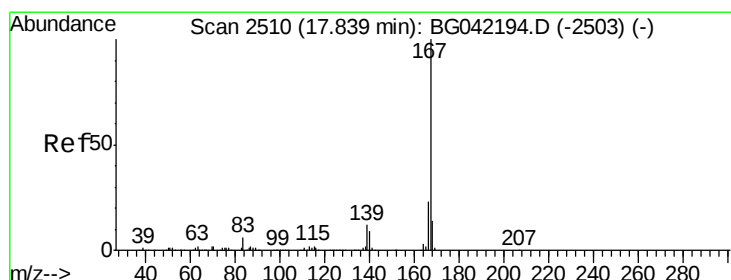
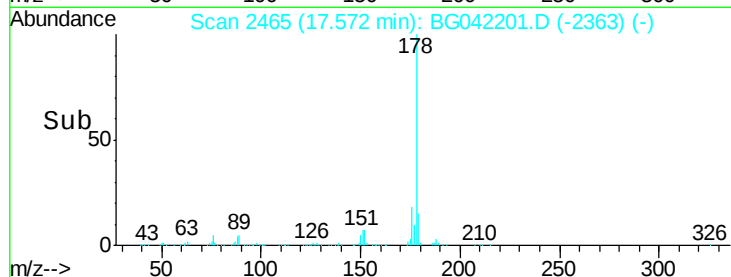
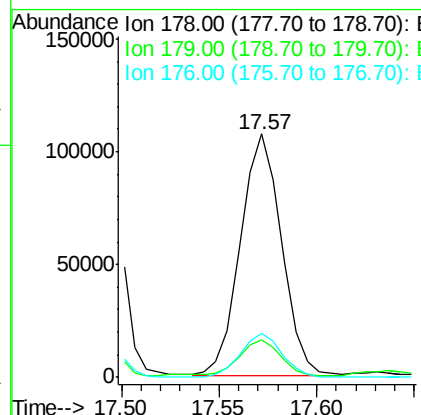
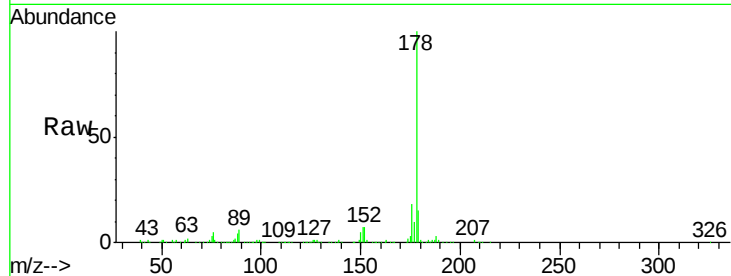
#71
 Anthracene
 Concen: 5.992 ng/ul
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG042201.D
 Acq: 14 Aug 2019 8:41

Instrument :
 BNA_G
 ClientSampleId :
 CB5N8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.4	20.0
176	18.0	15.4	23.2

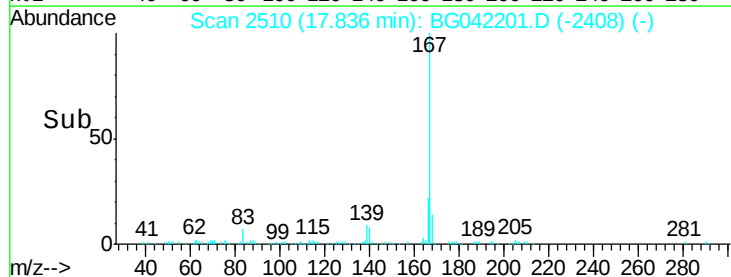
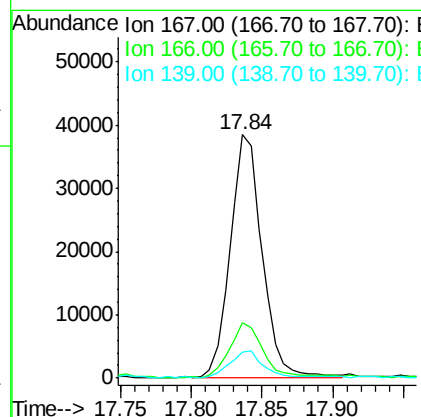
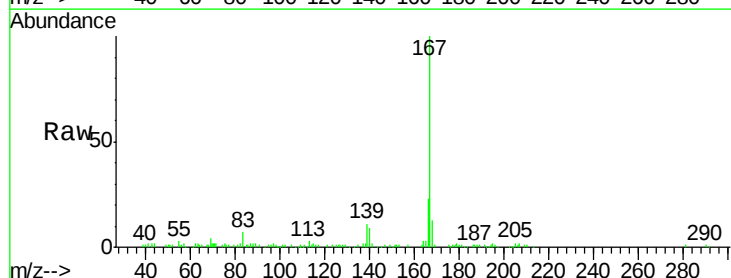
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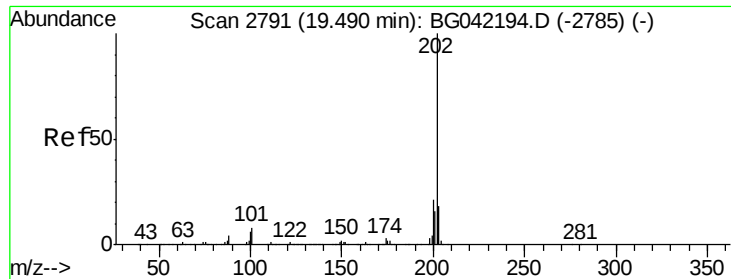
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#74
 Carbazole
 Concen: 2.752 ng/ul
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG042201.D
 Acq: 14 Aug 2019 8:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	10.9	9.6	14.4





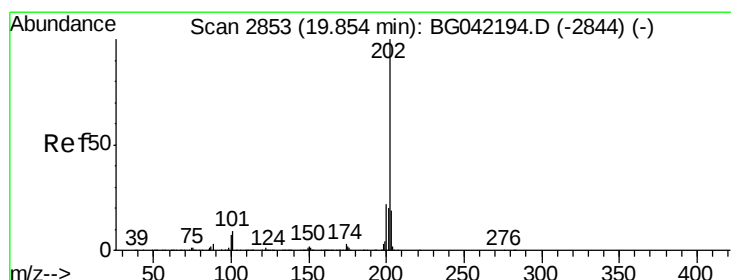
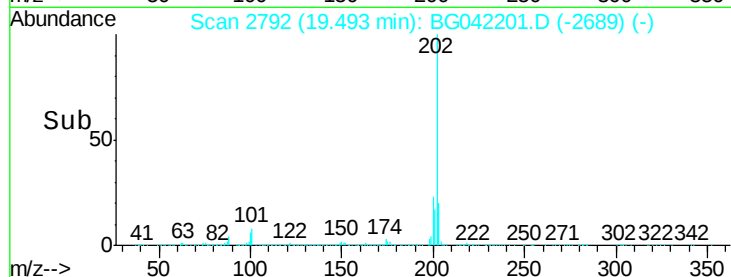
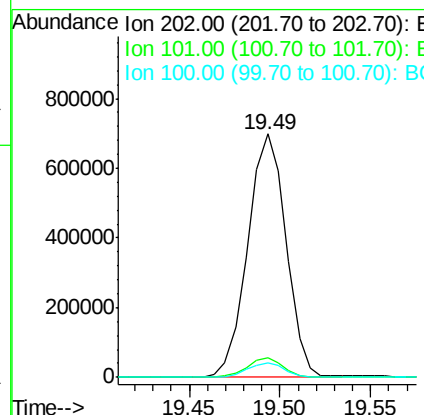
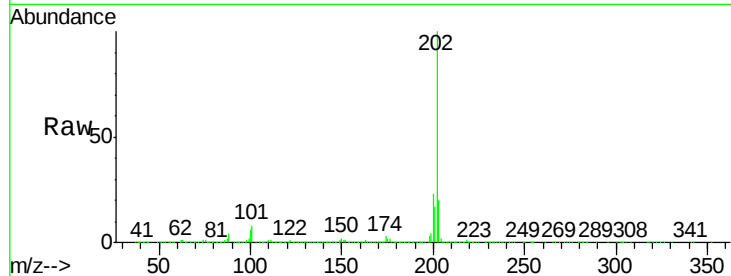
#76
Fluoranthene
Concen: 34.125 ng/ul
RT: 19.49 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BG042201.D
Acq: 14 Aug 2019 8:41

Instrument :
BNA_G
ClientSampleId :
CB5N8

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1021639		
101	7.9		6.7	10.1
100	6.2		5.3	7.9

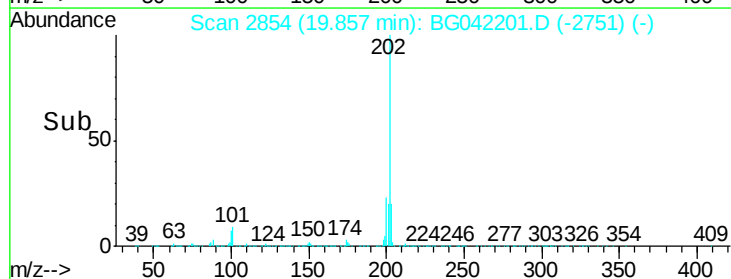
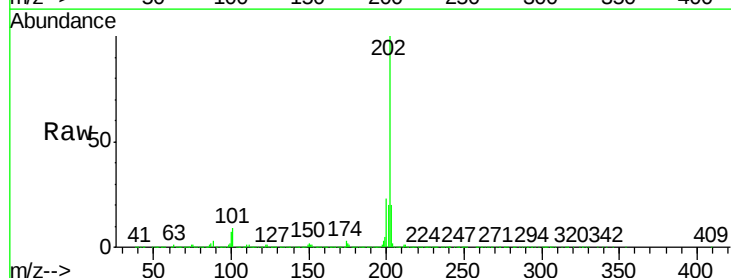
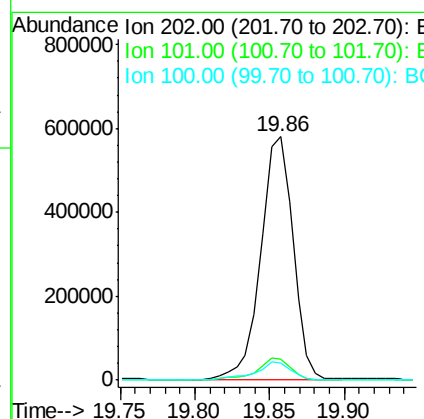
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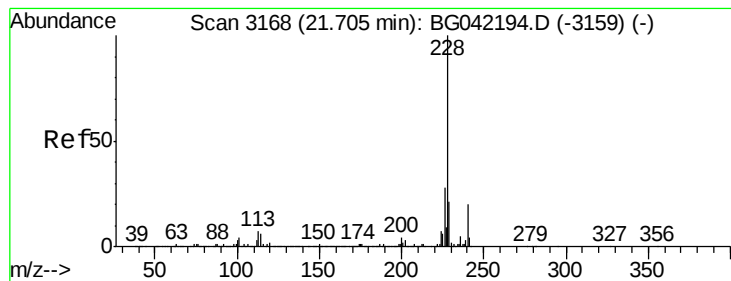
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#79
Pyrene
Concen: 27.600 ng/ul
RT: 19.86 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG042201.D
Acq: 14 Aug 2019 8:41

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	866342		
101	8.6		7.6	11.4
100	7.1		6.5	9.7





#82

Benzo(a)anthracene

Concen: 16.409 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG042201.D

Acq: 14 Aug 2019 8:41

Instrument :

BNA_G

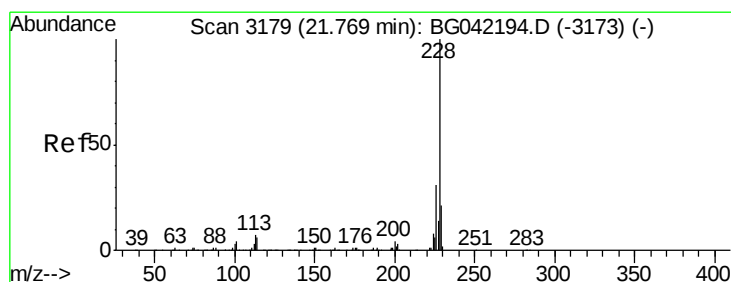
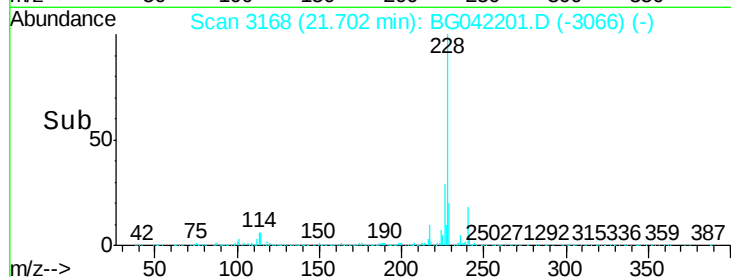
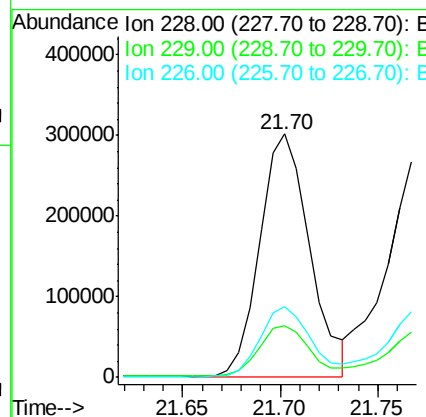
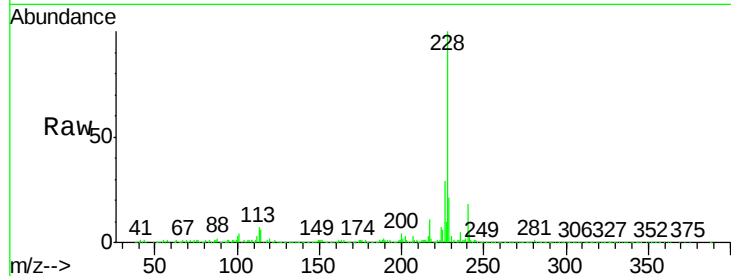
ClientSampleId :

CB5N8

Tot Ion:	228	Resp:	530922
Ion Ratio	Lower	Upper	
228	100		
229	21.2	17.0	25.6
226	29.1	23.3	34.9

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#84

Chrysene

Concen: 16.131 ng/ul

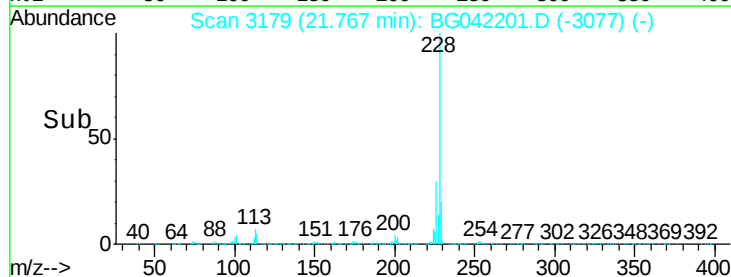
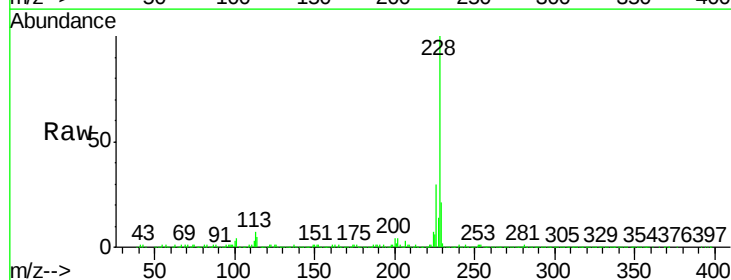
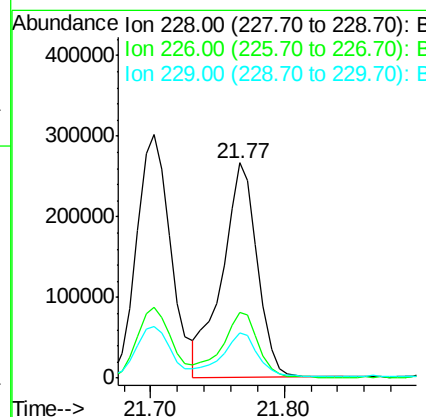
RT: 21.77 min Scan# 3179

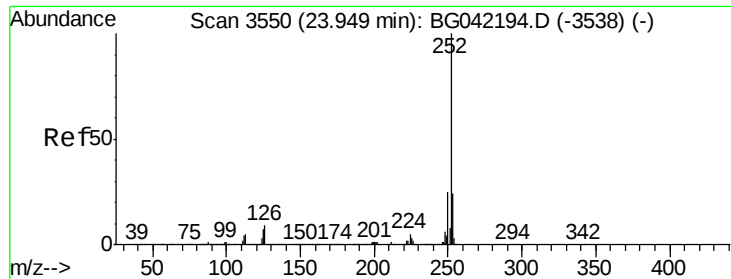
Delta R.T. -0.00 min

Lab File: BG042201.D

Acq: 14 Aug 2019 8:41

Tgt Ion:	228	Resp:	487114
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.7	38.5
229	20.7	16.6	24.8





#87

Benzo(b)fluoranthene

Concen: 19.371 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042201.D

Acq: 14 Aug 2019 8:41

Instrument :

BNA_G

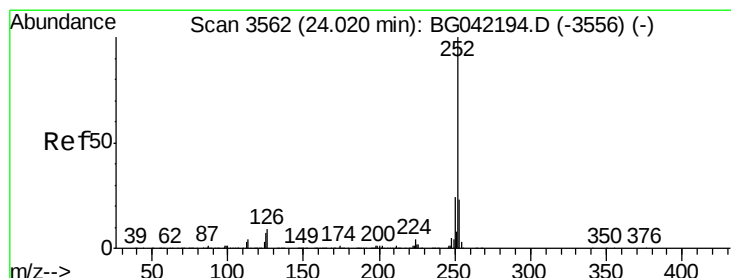
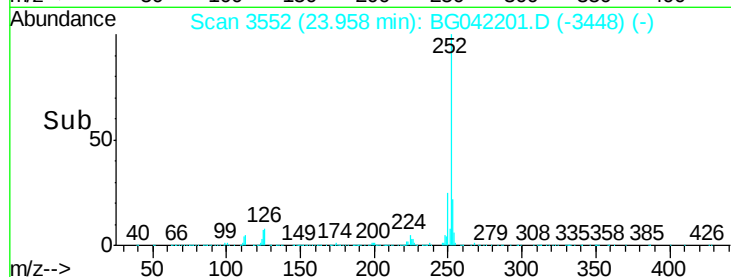
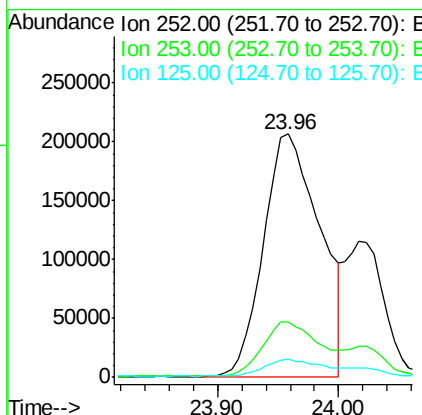
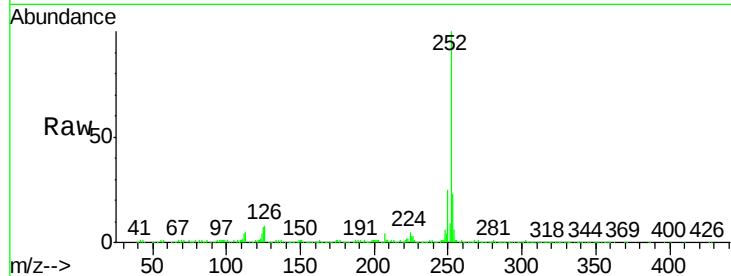
ClientSampleId :

CB5N8

Tot Ion:	252	Resp:	669729
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.4	27.6
125	7.3	5.8	8.8

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#88

Benzo(k)fluoranthene

Concen: 7.785 ng/ul m

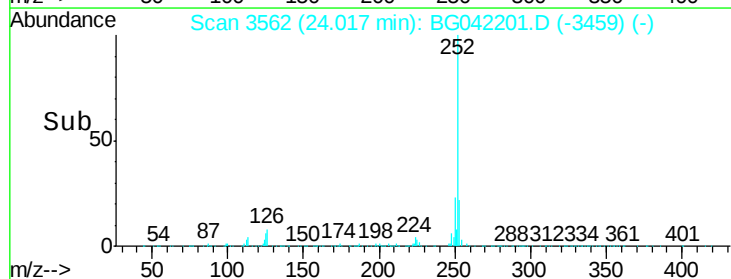
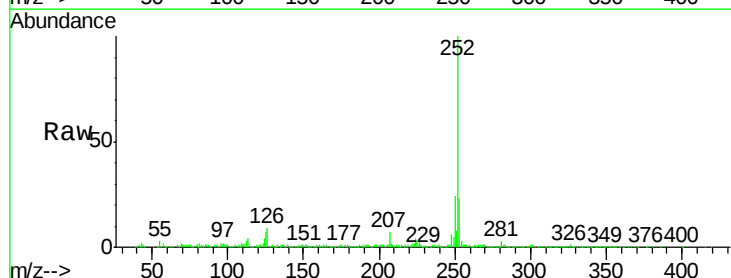
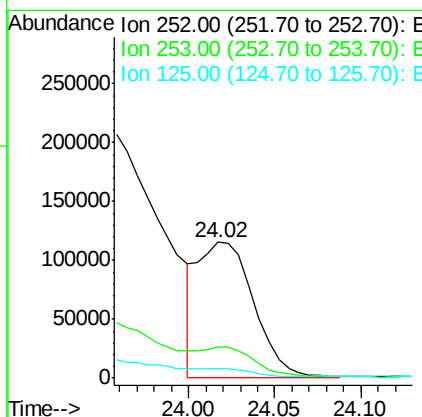
RT: 24.02 min Scan# 3562

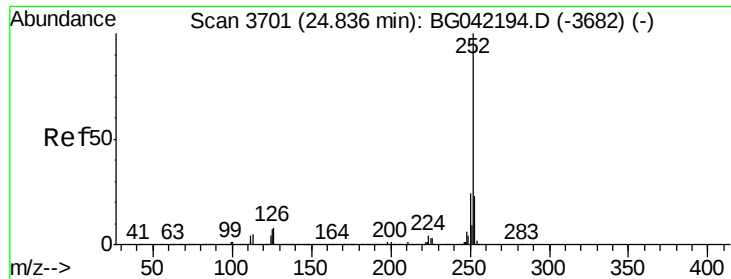
Delta R.T. 0.00 min

Lab File: BG042201.D

Acq: 14 Aug 2019 8:41

Tgt Ion:	252	Resp:	258778
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.3	27.5
125	7.1	5.5	8.3





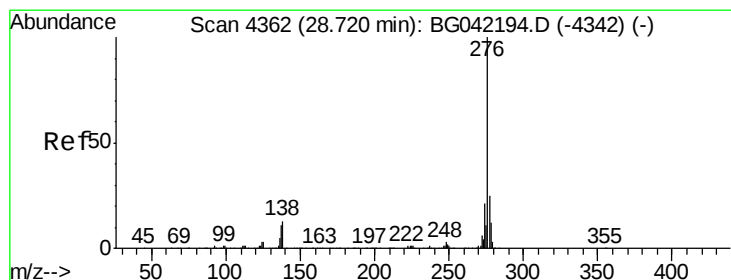
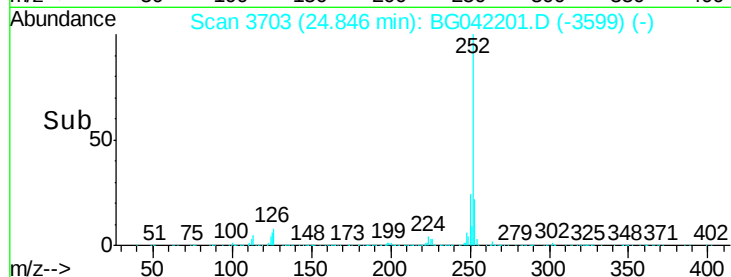
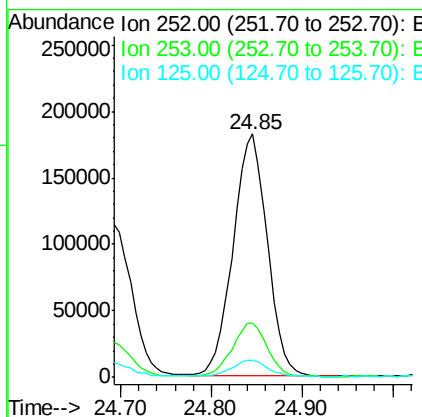
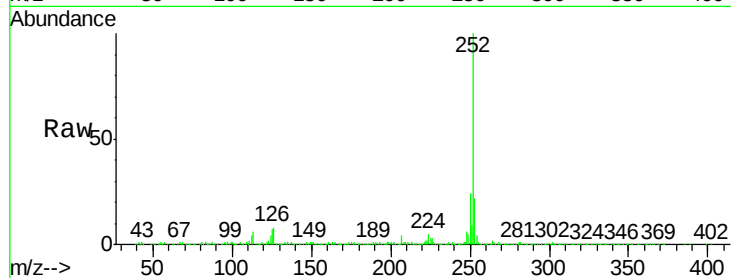
#90
Benzo(a)pyrene
Concen: 14.526 ng/ul
RT: 24.85 min Scan# 3703
Delta R.T. 0.01 min
Lab File: BG042201.D
Acq: 14 Aug 2019 8:41

Instrument :
BNA_G
ClientSampled :
CB5N8

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	18.3	27.5
125	7.2	6.5	9.7

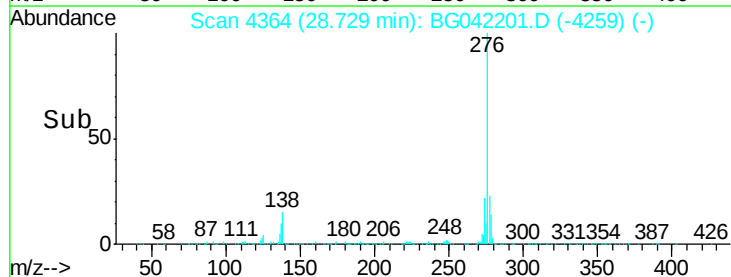
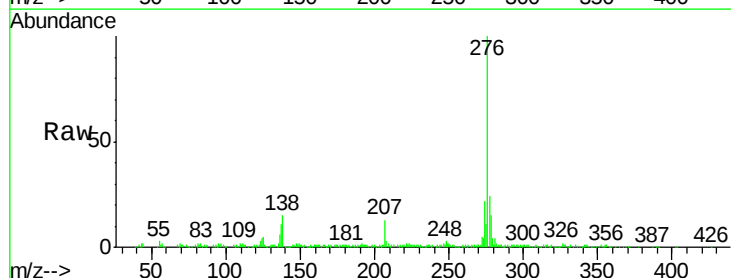
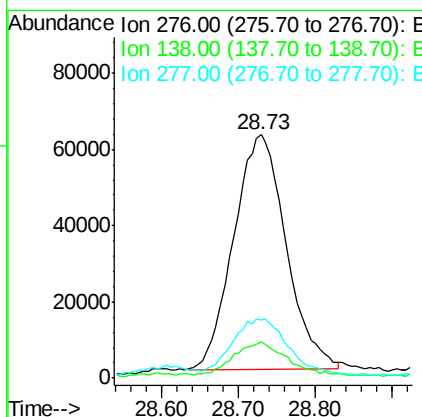
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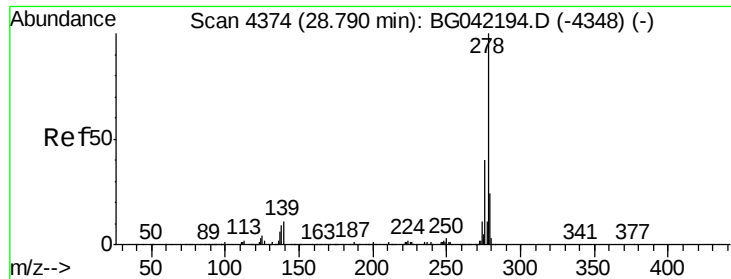
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#91
Indeno(1,2,3-cd)pyrene
Concen: 7.645 ng/ul
RT: 28.73 min Scan# 4364
Delta R.T. 0.02 min
Lab File: BG042201.D
Acq: 14 Aug 2019 8:41

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	15.2	12.0	18.0
277	24.0	19.2	28.8





#92

Dibenzo(a,h)anthracene

Concen: 2.700 ng/ul m

RT: 28.78 min Scan# 4372

Delta R.T. -0.00 min

Lab File: BG042201.D

Acq: 14 Aug 2019 8:41

Instrument :

BNA_G

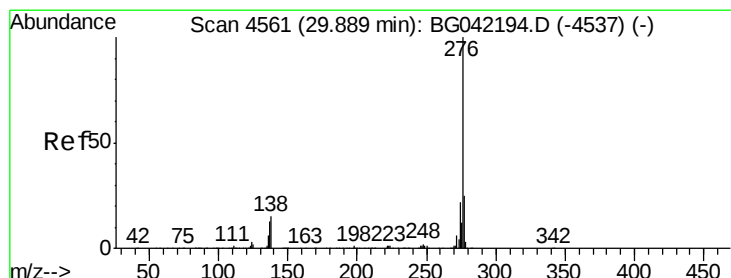
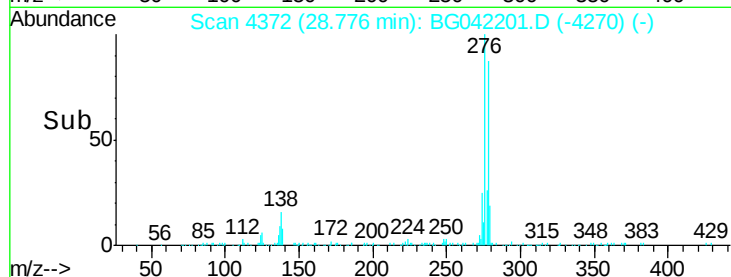
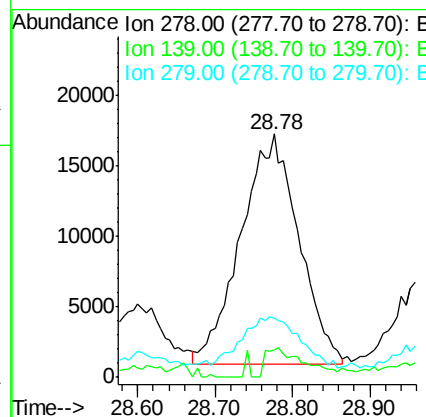
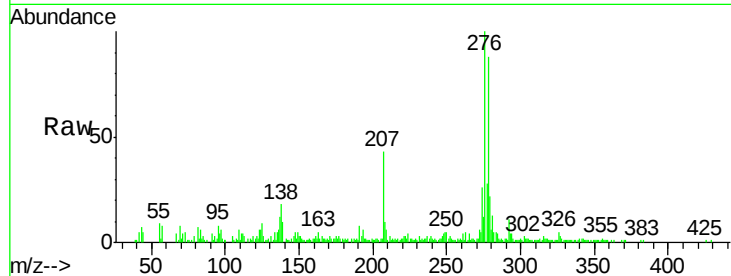
ClientSampleId :

CB5N8

Tot Ion:	278	Resp:	84617
Ion Ratio	Lower	Upper	
278	100		
139	11.1	9.4	14.0
279	24.3	19.2	28.8

Manual Integrations
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#93

Benzo(g,h,i)perylene

Concen: 7.430 ng/ul

RT: 29.89 min Scan# 4561

Delta R.T. 0.01 min

Lab File: BG042201.D

Acq: 14 Aug 2019 8:41

Tgt Ion:	276	Resp:	238383
Ion Ratio	Lower	Upper	
276	100		
138	13.2	12.6	18.8
277	23.5	19.2	28.8

