

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042199.D
 Acq On : 14 Aug 2019 7:24
 Operator : HP/JU
 Sample : K4304-05
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB5N6

Manual Integrations
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mohammad
 8/15/2019 5:11:31 PM

Quant Time: Aug 14 08:54:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 08:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	84158	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	348277	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	241016	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	495700	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	483370	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	583902	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	8469	4.40	ng/uL	0.00
5) Phenol-d5	7.18	99	218531	33.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	106872	28.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	195339	34.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	192701	34.75	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	100239	38.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	125815	41.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	234716	38.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	257218	37.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	696996	37.29	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	810443	37.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	103579m	33.00	ng/ul	0.00
57) Fluorene-d10	15.68	176	614652	36.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	100497	31.60	ng/ul	0.00
70) Anthracene-d10	17.54	188	887993	37.34	ng/ul	0.00
78) Pyrene-d10	19.83	212	996709	36.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	1174783	38.51	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.90	128	33809	1.899	ng/ul	95
34) 2-Methylnaphthalene	12.51	142	15985	1.130	ng/ul	96
44) Dimethylphthalate	14.13	163	126937	6.839	ng/ul	98
49) Acenaphthene	14.75	153	27212	1.806	ng/ul	98
53) Dibenzofuran	15.09	168	32681	1.453	ng/ul	100
58) Fluorene	15.73	166	33582	1.854	ng/ul	95
69) Phenanthrene	17.48	178	610677	22.503	ng/ul	100
71) Anthracene	17.57	178	112361	4.082	ng/ul	98
74) Carbazole	17.84	167	56511	2.479	ng/ul	97
76) Fluoranthene	19.49	202	983232	31.358	ng/ul	99
79) Pyrene	19.86	202	836460	25.726	ng/ul	97
82) Benzo(a)anthracene	21.70	228	513665	15.327	ng/ul	99
84) Chrysene	21.77	228	480398	15.358	ng/ul	99
87) Benzo(b)fluoranthene	23.96	252	682852	18.635	ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	240450m	6.825	ng/ul	
90) Benzo(a)pyrene	24.84	252	464864	13.313	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.73	276	298431	7.328	ng/ul	97
92) Dibenzo(a,h)anthracene	28.78	278	87159m	2.624	ng/ul	
93) Benzo(g,h,i)perylene	29.89	276	232116	6.826	ng/ul	99

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

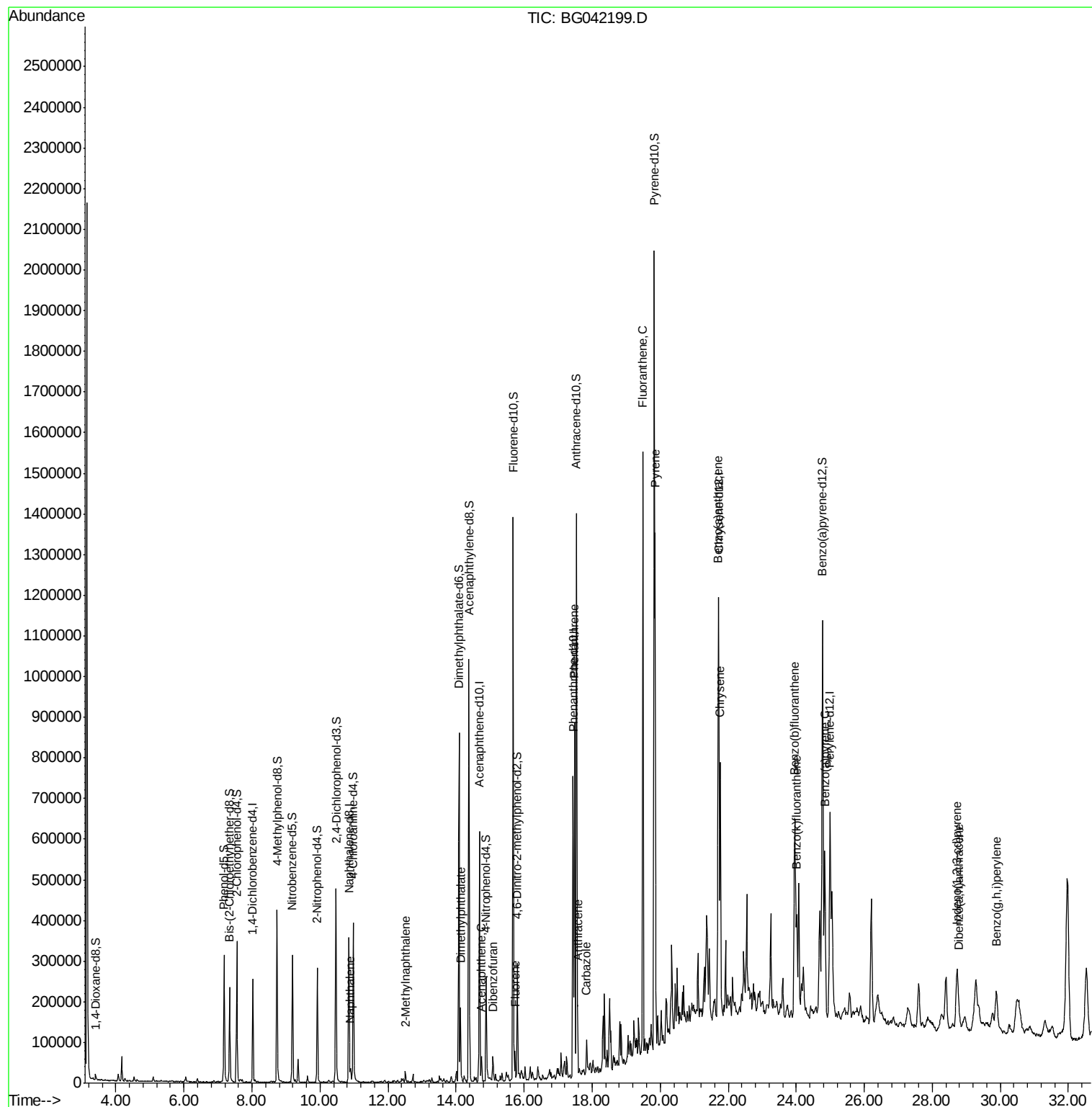
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042199.D
Acq On : 14 Aug 2019 7:24
Operator : HP/JU
Sample : K4304-05
Misc :
ALS Vial : 61 Sample Multiplier: 1

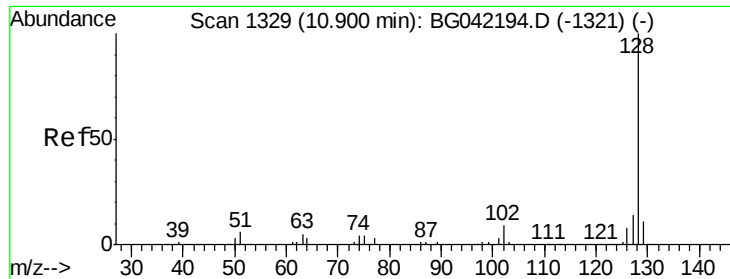
Instrument :
BNA_G
ClientSampled :
CB5N6

Manual Integrations
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Quant Time: Aug 14 08:54:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
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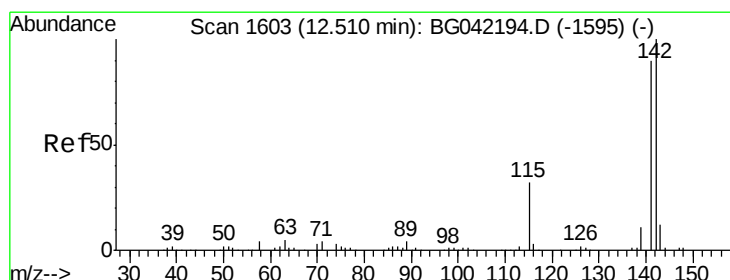
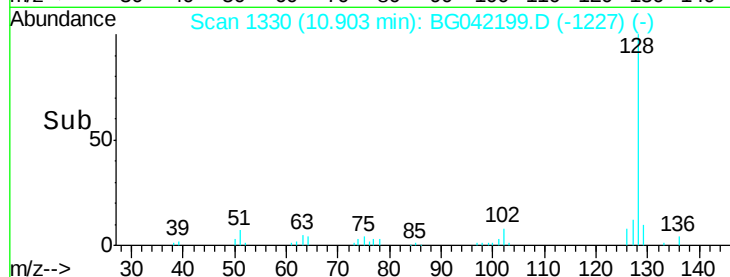
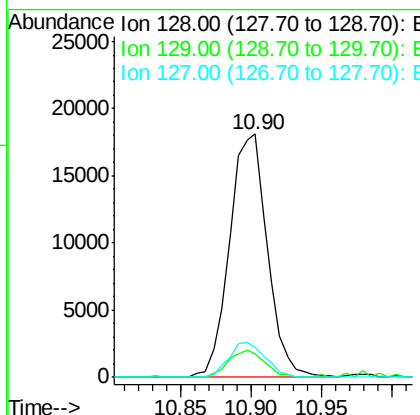
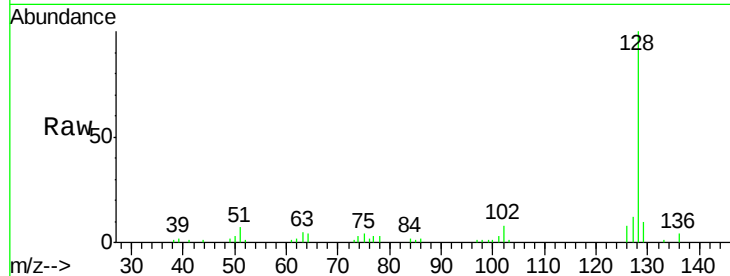
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Naphthalene
Concen: 1.899 ng/ul
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG042199.D
Acq: 14 Aug 2019 7:24

Instrument :
BNA_G
ClientSampleId :
CB5N6

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.6	9.5	14.3
127	12.1	11.4	17.0

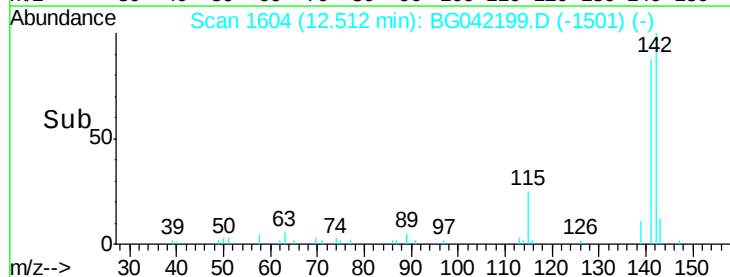
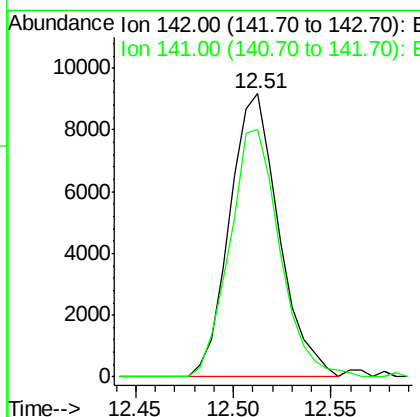
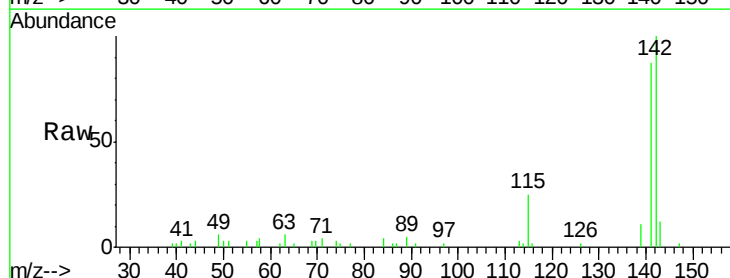
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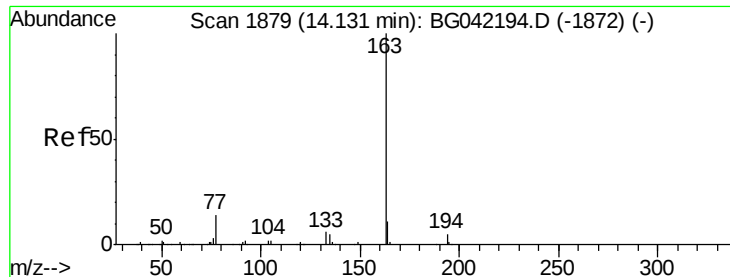
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#34
2-Methylnaphthalene
Concen: 1.130 ng/ul
RT: 12.51 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BG042199.D
Acq: 14 Aug 2019 7:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.9	109.3





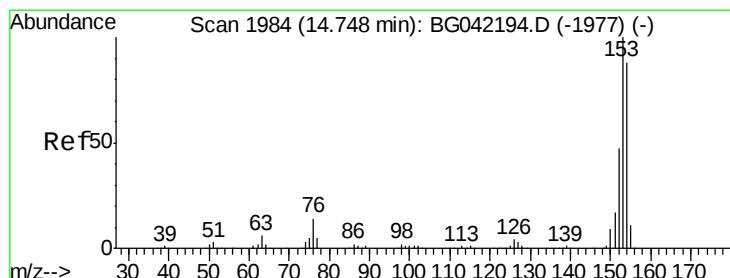
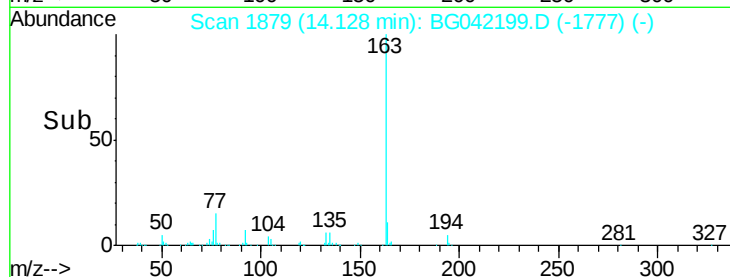
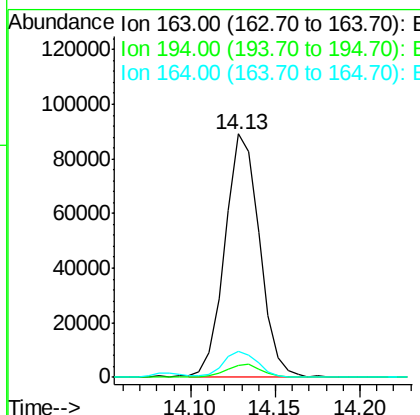
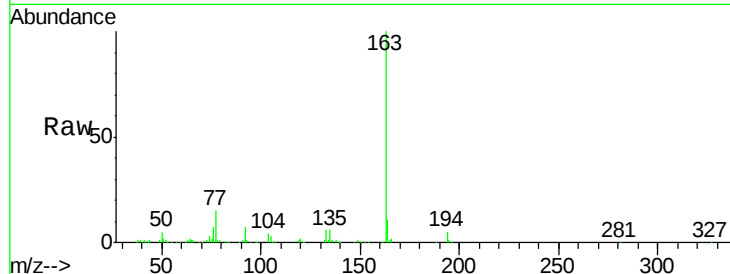
#44
Dimethylphthalate
Concen: 6.839 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG042199.D
Acq: 14 Aug 2019 7:24

Instrument :
BNA_G
ClientSampleId :
CB5N6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	126937		
194	4.8		4.2	6.2
164	10.7		7.8	11.8

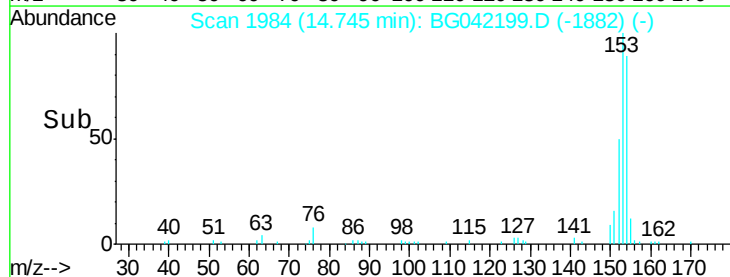
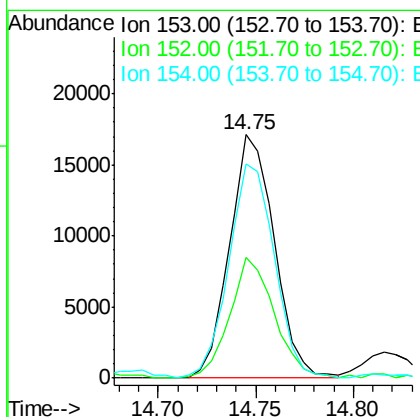
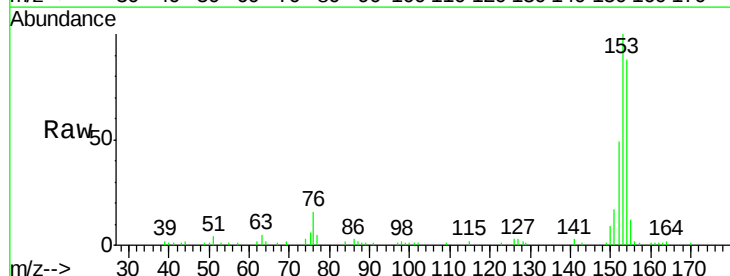
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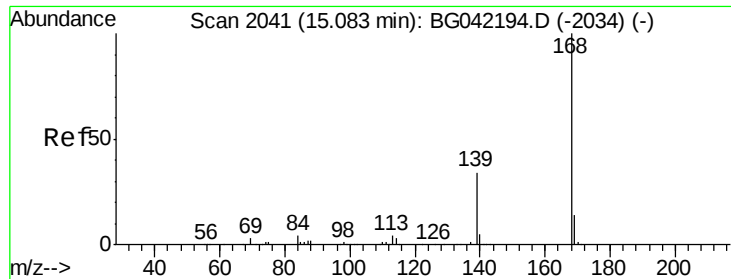
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#49
Acenaphthene
Concen: 1.806 ng/ul
RT: 14.75 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG042199.D
Acq: 14 Aug 2019 7:24

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	27212		
152	49.4		37.8	56.8
154	87.7		69.4	104.2





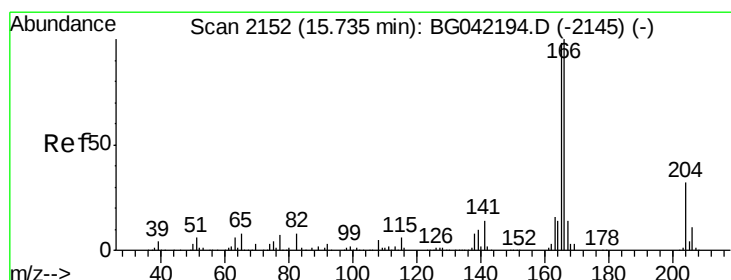
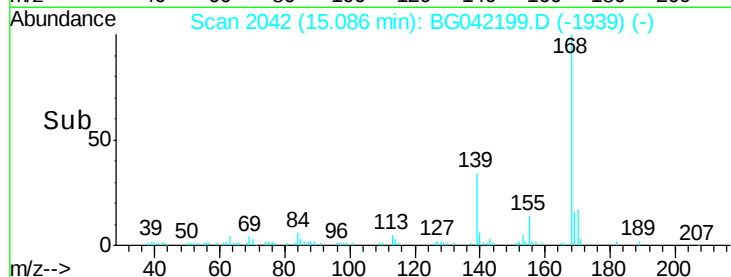
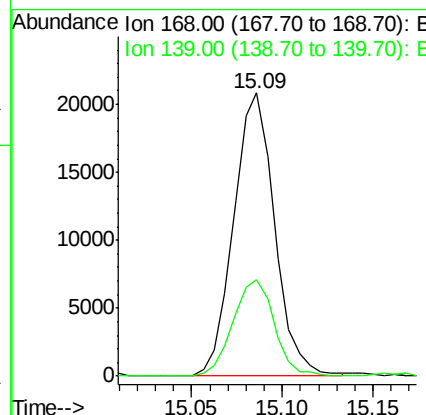
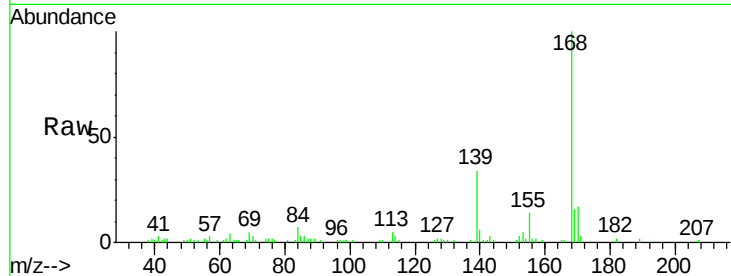
#53
Dibenzenofuran
Concen: 1.453 ng/ul
RT: 15.09 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BG042199.D
Acq: 14 Aug 2019 7:24

Instrument :
BNA_G
ClientSampleId :
CB5N6

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.3	27.3	40.9

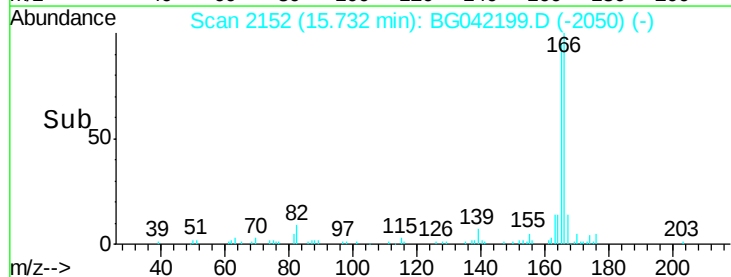
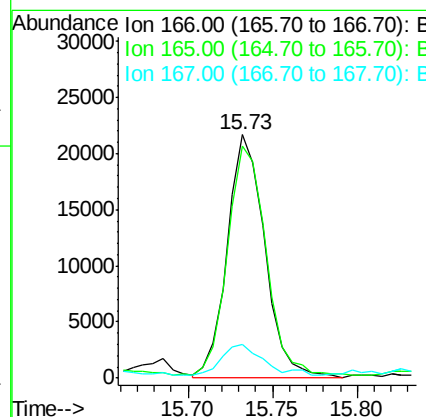
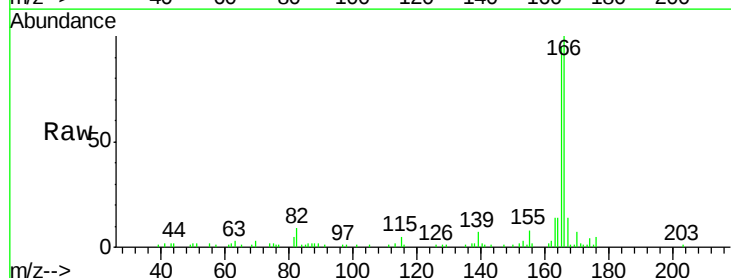
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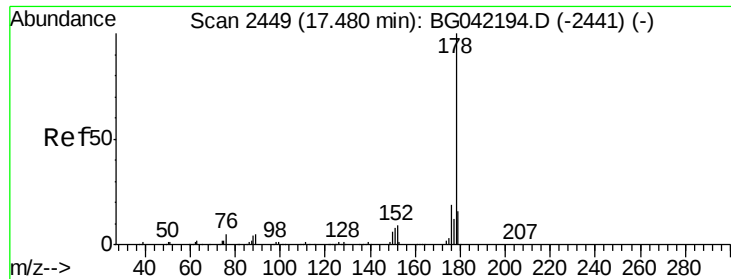
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#58
Fluorene
Concen: 1.854 ng/ul
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042199.D
Acq: 14 Aug 2019 7:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.5	81.1	121.7
167	14.0	11.0	16.4





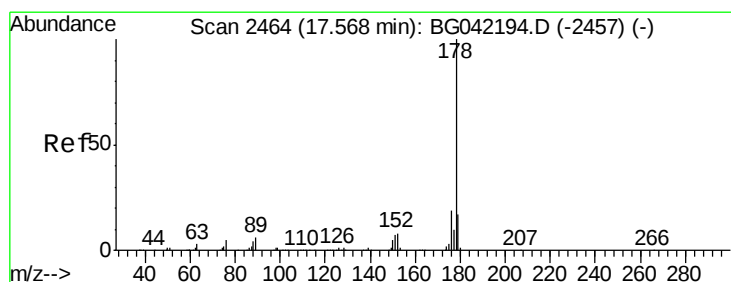
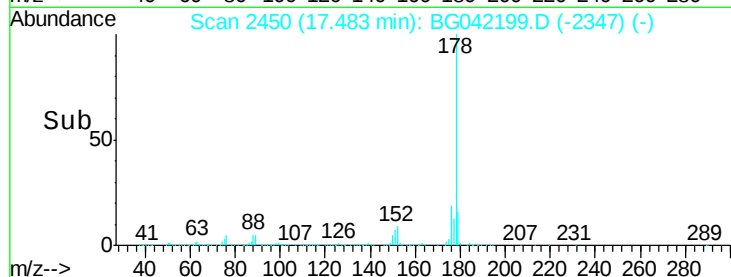
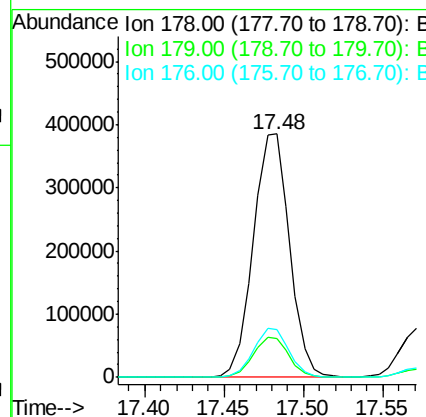
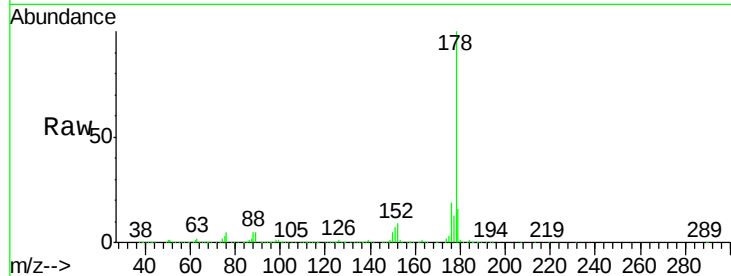
#69
Phenanthrene
Concen: 22.503 ng/ul
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG042199.D
Acq: 14 Aug 2019 7:24

Instrument :
BNA_G
ClientSampleId :
CB5N6

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	19.5	15.4	23.2

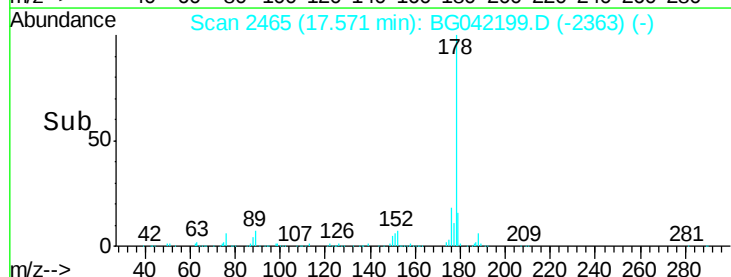
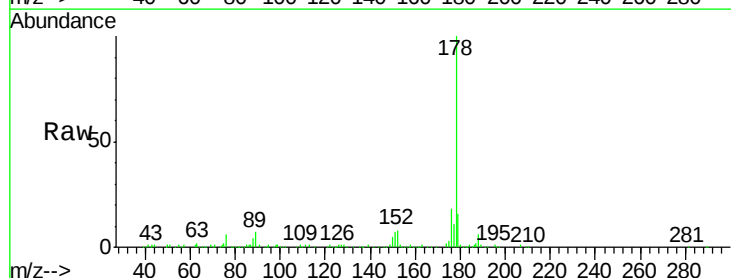
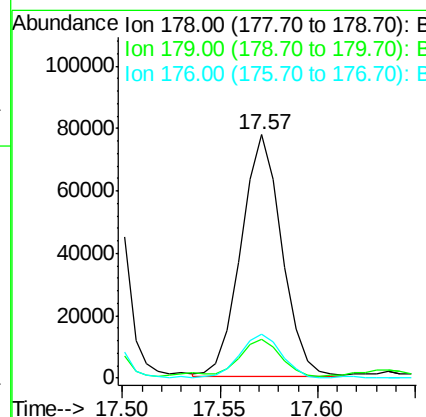
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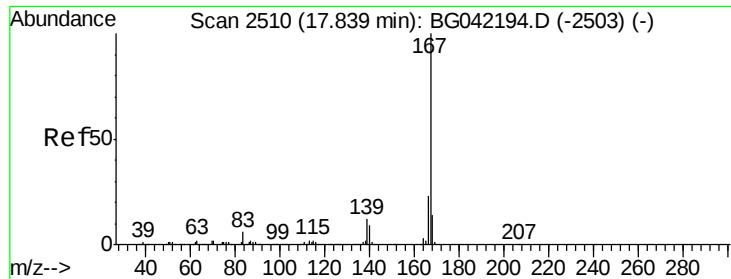
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#71
Anthracene
Concen: 4.082 ng/ul
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG042199.D
Acq: 14 Aug 2019 7:24

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.4	20.0
176	18.0	15.4	23.2





#74

Carbazole

Concen: 2.479 ng/ul

RT: 17.84 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG042199.D

Acq: 14 Aug 2019 7:24

Instrument :

BNA_G

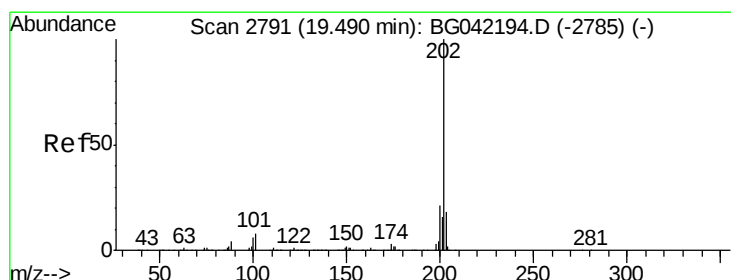
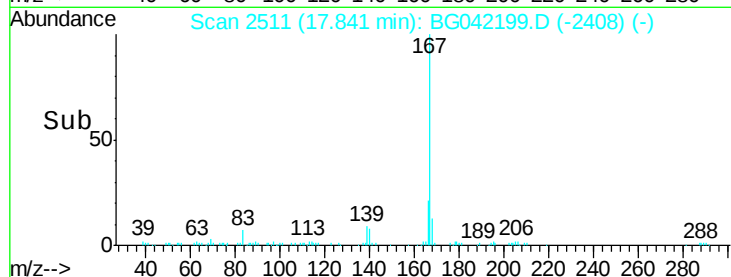
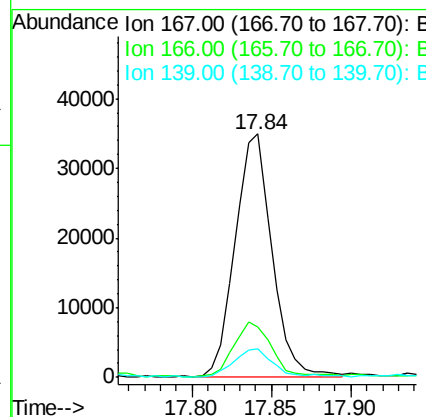
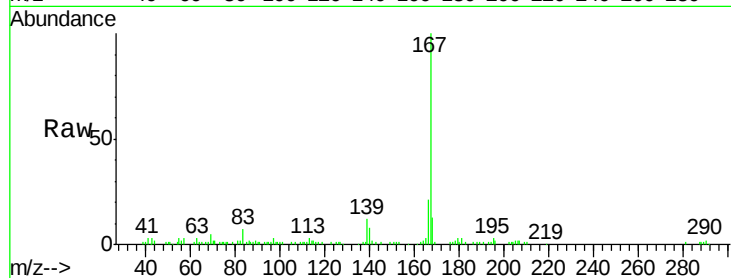
ClientSampleId :

CB5N6

Tot Ion:	167	Resp:	56511
Ion Ratio	Lower	Upper	
167	100		
166	20.9	18.2	27.4
139	11.8	9.6	14.4

Manual Integrations
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#76

Fluoranthene

Concen: 31.358 ng/ul

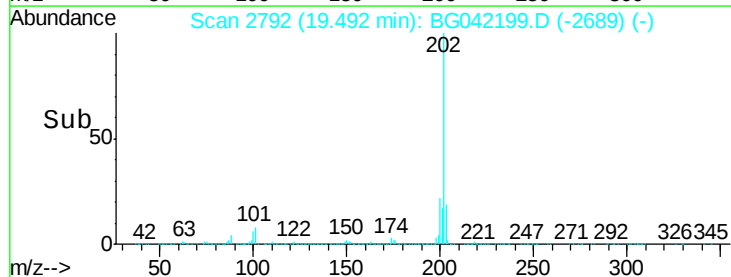
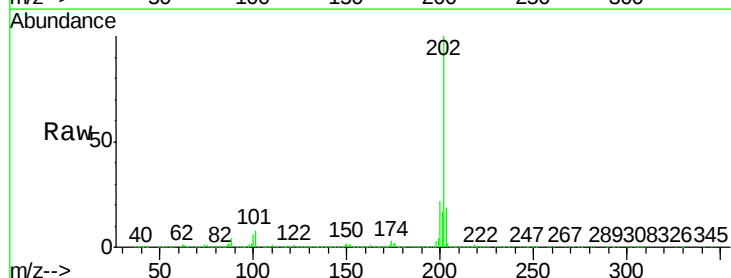
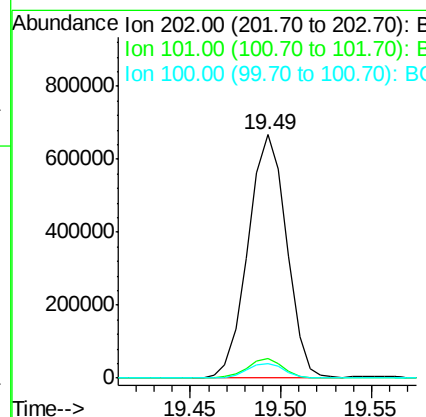
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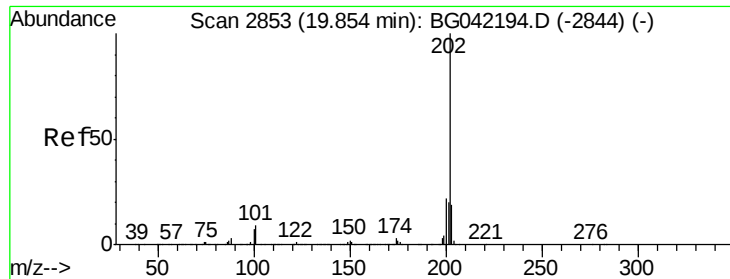
Delta R.T. 0.00 min

Lab File: BG042199.D

Acq: 14 Aug 2019 7:24

Tgt Ion:	202	Resp:	983232
Ion Ratio	Lower	Upper	
202	100		
101	8.0	6.7	10.1
100	6.0	5.3	7.9





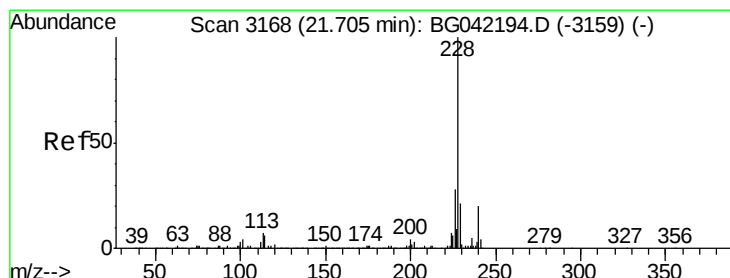
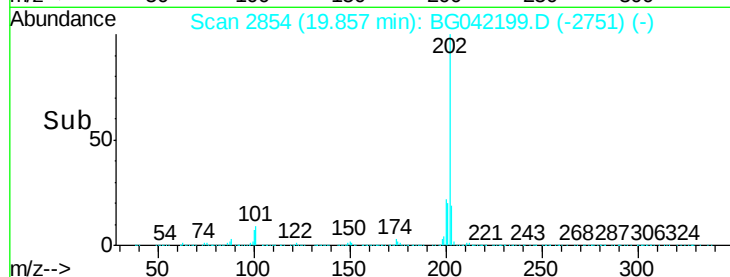
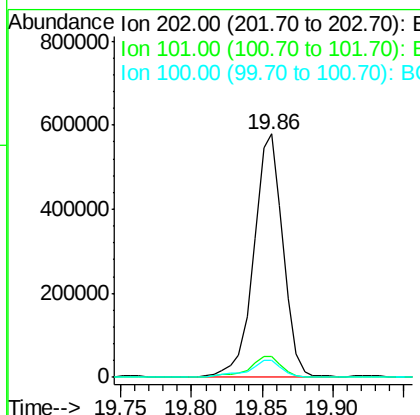
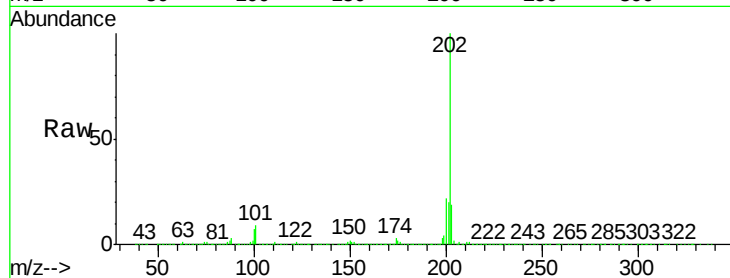
#79
Pvrene
Concen: 25.726 ng/ul
RT: 19.86 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG042199.D
Acq: 14 Aug 2019 7:24

Instrument :
BNA_G
ClientSampleId :
CB5N6

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

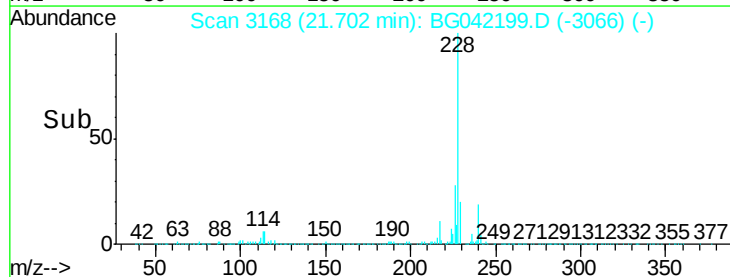
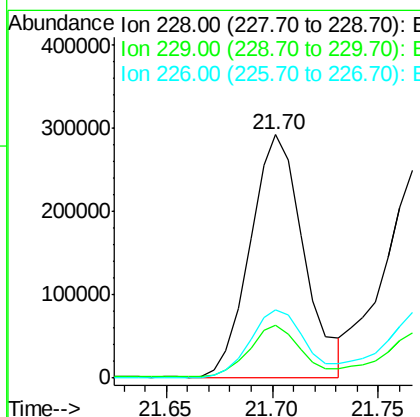
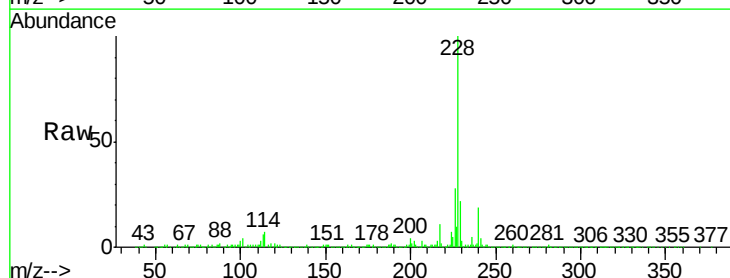
Manual Integrations
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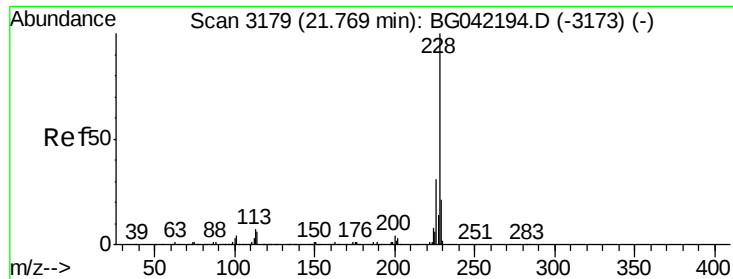
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#82
Benzo(a)anthracene
Concen: 15.327 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BG042199.D
Acq: 14 Aug 2019 7:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.6	17.0	25.6
226	28.0	23.3	34.9





#84

Chrysene

Concen: 15.358 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG042199.D

Acq: 14 Aug 2019 7:24

Instrument :

BNA_G

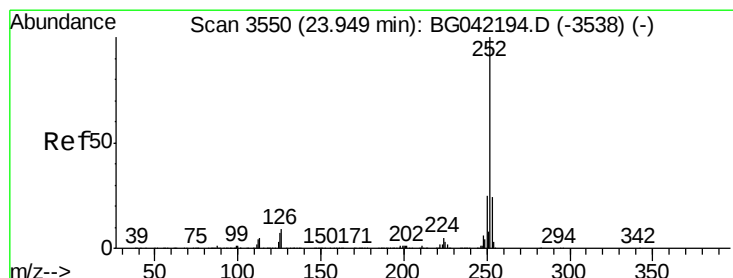
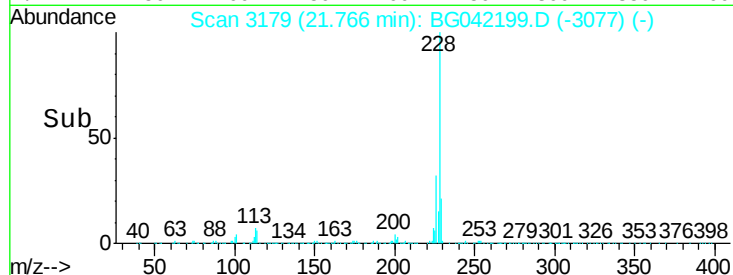
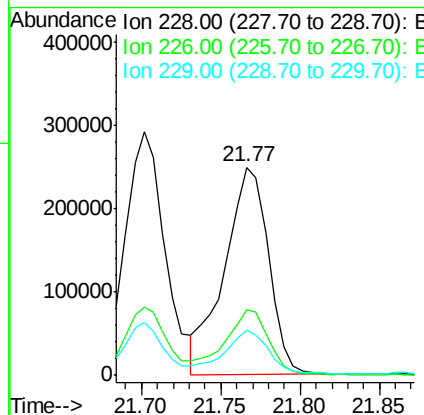
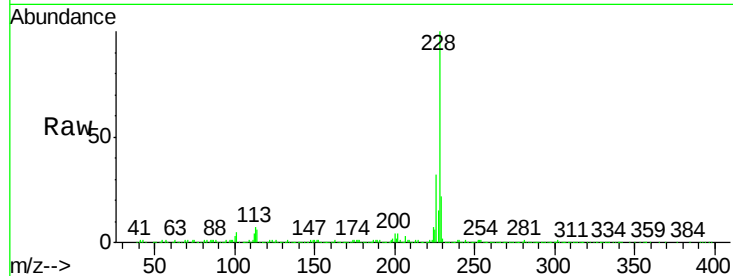
ClientSampleId :

CB5N6

Tot Ion:	228	Resp:	480398
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.7	38.5
229	21.5	16.6	24.8

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#87

Benzo(b)fluoranthene

Concen: 18.635 ng/ul

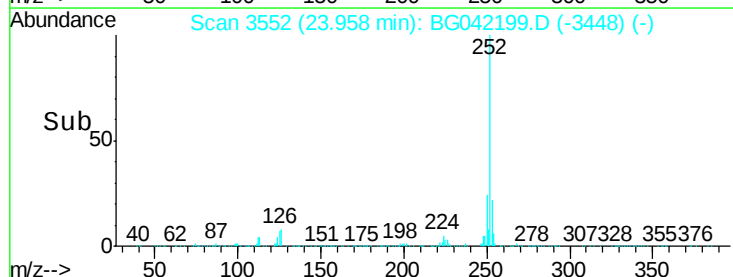
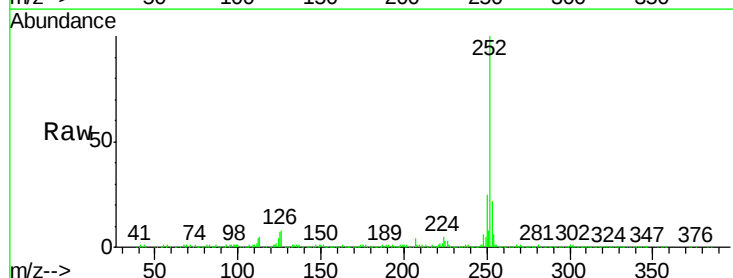
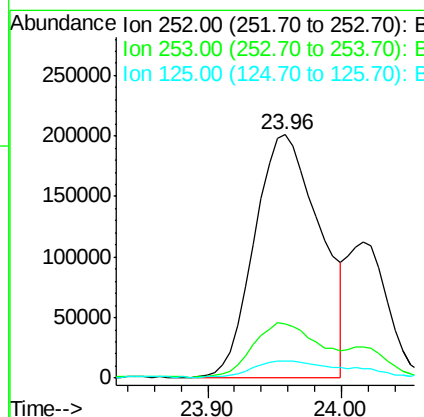
RT: 23.96 min Scan# 3552

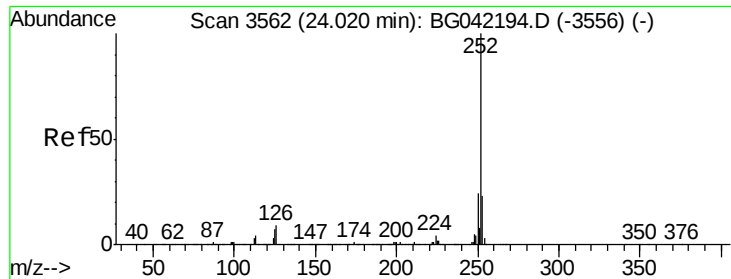
Delta R.T. 0.01 min

Lab File: BG042199.D

Acq: 14 Aug 2019 7:24

Tgt Ion:	252	Resp:	682852
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.4	27.6
125	7.2	5.8	8.8





#88

Benzo(k)fluoranthene

Concen: 6.825 ng/ul m

RT: 24.02 min Scan# 3562

Delta R.T. 0.00 min

Lab File: BG042199.D

Acq: 14 Aug 2019 7:24

Instrument :

BNA_G

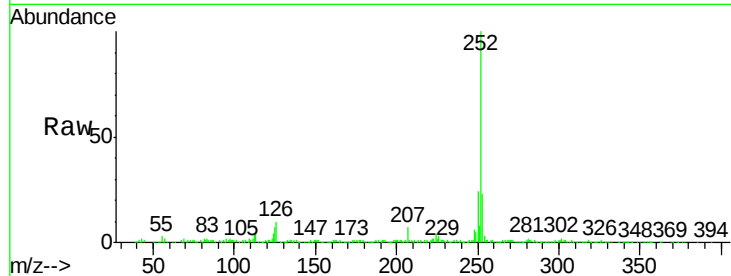
ClientSampleId :

CB5N6

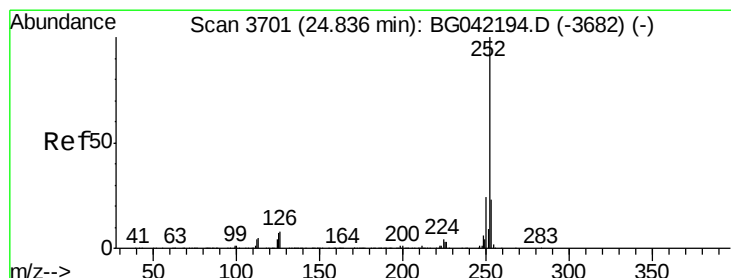
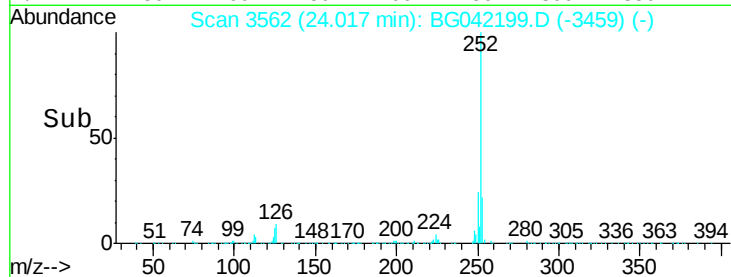
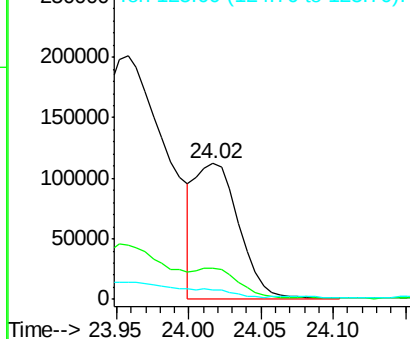
Tot Ion:	252	Resp:	240450
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.3	27.5
125	7.3	5.5	8.3

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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: 13.313 ng/ul

RT: 24.84 min Scan# 3702

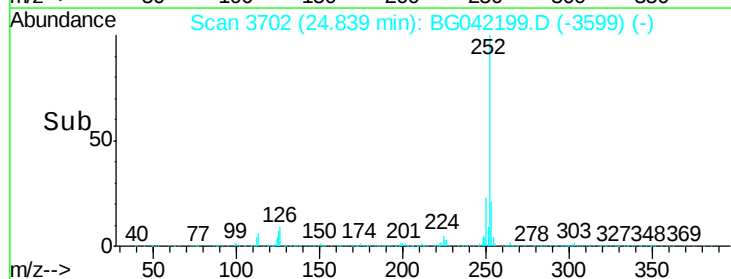
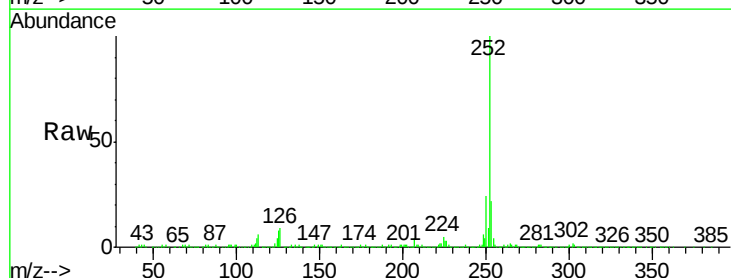
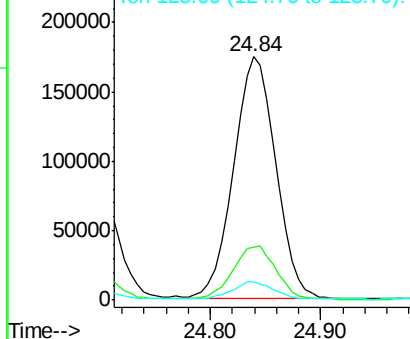
Delta R.T. 0.00 min

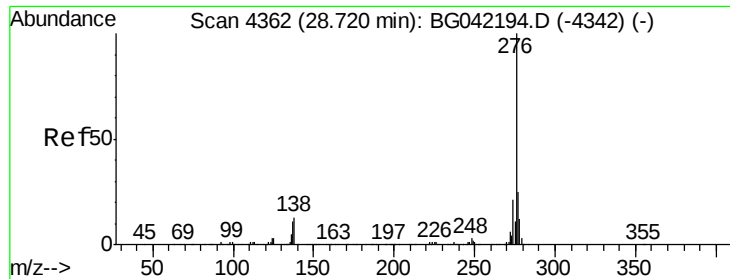
Lab File: BG042199.D

Acq: 14 Aug 2019 7:24

Tgt Ion:	252	Resp:	464864
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.3	27.5
125	7.8	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





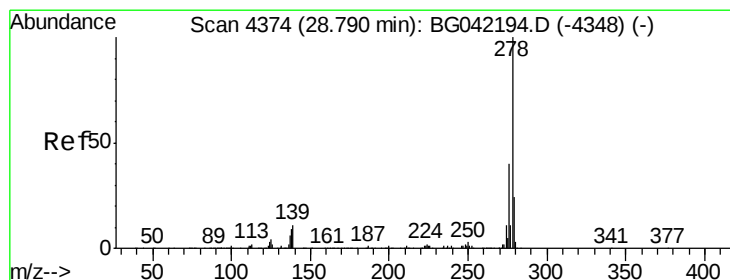
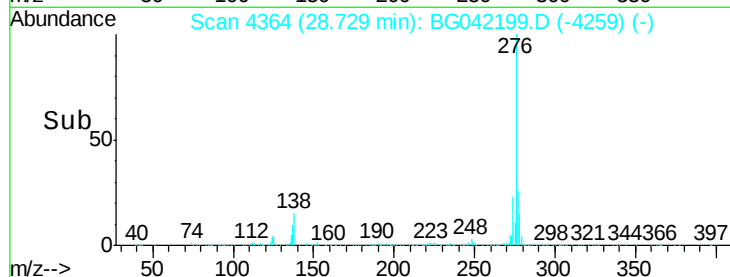
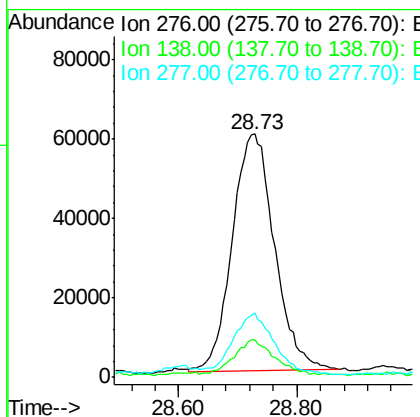
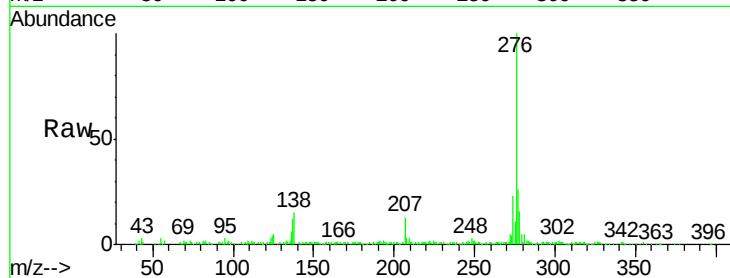
#91
Indeno(1,2,3-cd)pyrene
Concen: 7.328 ng/ul
RT: 28.73 min Scan# 4364
Delta R.T. 0.02 min
Lab File: BG042199.D
Acq: 14 Aug 2019 7:24

Instrument :
BNA_G
ClientSampleId :
CB5N6

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.2	12.0	18.0
277	26.3	19.2	28.8

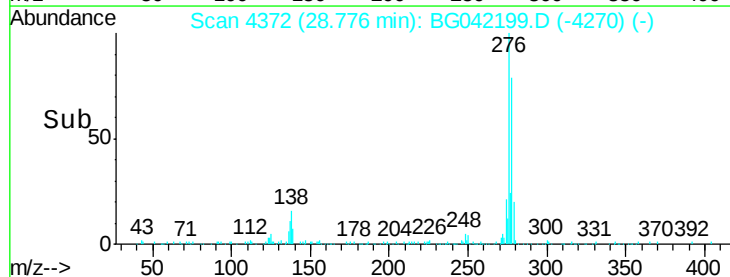
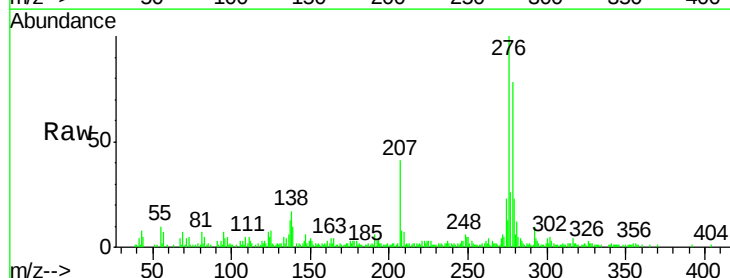
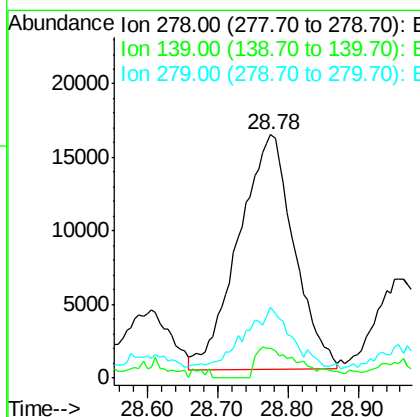
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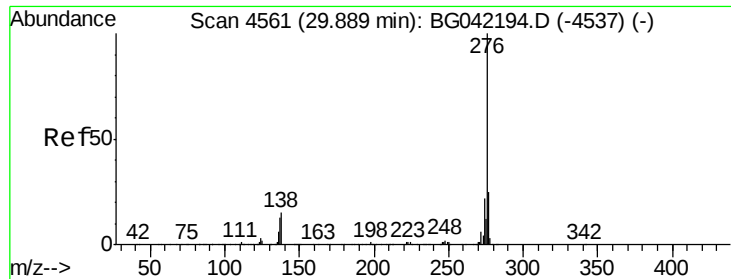
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#92
Dibenzo(a,h)anthracene
Concen: 2.624 ng/ul m
RT: 28.78 min Scan# 4372
Delta R.T. -0.00 min
Lab File: BG042199.D
Acq: 14 Aug 2019 7:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.4	14.0
279	29.0	19.2	28.8#





#93
 Benzo(a,h,i)perylene
 Concen: 6.826 ng/ul
 RT: 29.89 min Scan# 4561
 Delta R.T. 0.01 min
 Lab File: BG042199.D
 Acq: 14 Aug 2019 7:24

Instrument :
 BNA_G
 ClientSampleId :
 CB5N6

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.7	12.6	18.8
277	23.9	19.2	28.8

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