

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
 Data File : BG047402.D
 Acq On : 21 Nov 2020 19:49
 Operator : CG/JU
 Sample : L4711-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BF2

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:00:52 AM

Quant Time: Nov 23 05:18:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	40467	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	167255	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	114208	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	251909	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	212420	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	226078	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	3710	3.33	ng/uL	0.00
5) Phenol-d5	7.41	99	106105	26.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	54014	23.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	71650	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	83888	26.90	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	38653	27.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	47231	31.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	97542	28.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	77689	22.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	276859	28.24	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	345544	30.50	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	35729	23.89	ng/ul	0.01
58) Fluorene-d10	15.87	176	251149	27.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	39409	27.48	ng/ul	0.00
71) Anthracene-d10	17.72	188	367381m	29.40	ng/ul	0.00
79) Pyrene-d10	19.99	212	364756	29.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.09	264	366350	28.15	ng/ul	0.03

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.33	163	106670	10.666	ng/ul	97
50) Acenaphthene	14.94	153	13853	1.875	ng/ul	99
59) Fluorene	15.93	166	19928	2.180	ng/ul#	89
70) Phenanthrene	17.67	178	617363	45.382	ng/ul	100
72) Anthracene	17.75	178	135934	9.922	ng/ul	99
75) Carbazole	18.01	167	46485	4.206	ng/ul	97
77) Fluoranthene	19.66	202	1715096	99.830	ng/ul	99
80) Pyrene	20.02	202	1396707	92.824	ng/ul#	95
83) Benzo(a)anthracene	21.89	228	841096	55.650	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	26140	3.549	ng/ul#	91
85) Chrysene	21.96	228	896718	62.346	ng/ul	98
88) Benzo(b)fluoranthene	24.25	252	1178183	73.810	ng/ul	99
89) Benzo(k)fluoranthene	24.30	252	438136m	27.853	ng/ul	
91) Benzo(a)pyrene	25.17	252	787296	55.328	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	29.25	276	584618	33.776	ng/ul#	97
93) Dibenzo(a,h)anthracene	29.30	278	152465m	10.744	ng/ul	
94) Benzo(g,h,i)perylene	30.49	276	554076m	38.795	ng/ul	

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

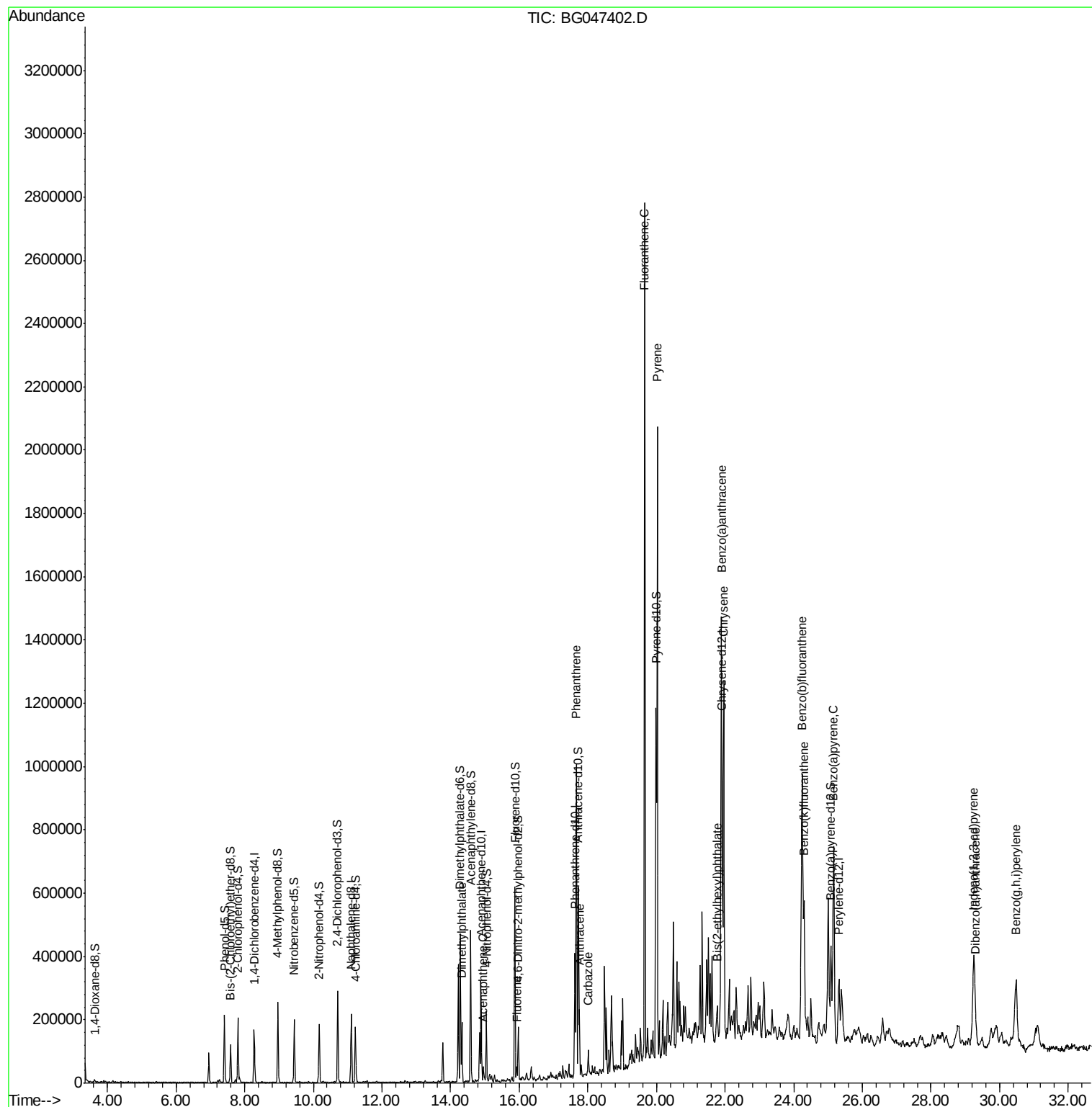
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047402.D
Acq On : 21 Nov 2020 19:49
Operator : CG/JU
Sample : L4711-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

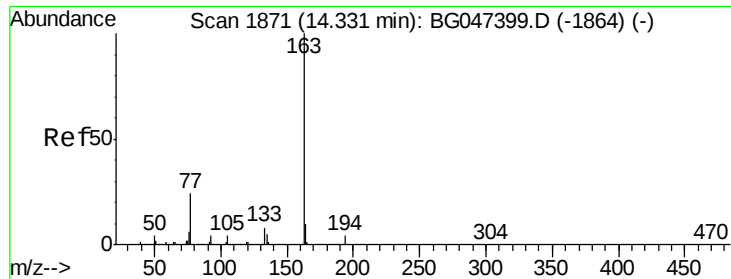
Instrument :
BNA_G
ClientSampleId :
C0BF2

Quant Time: Nov 23 05:18:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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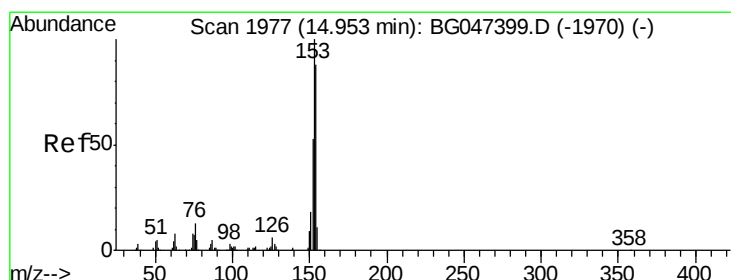
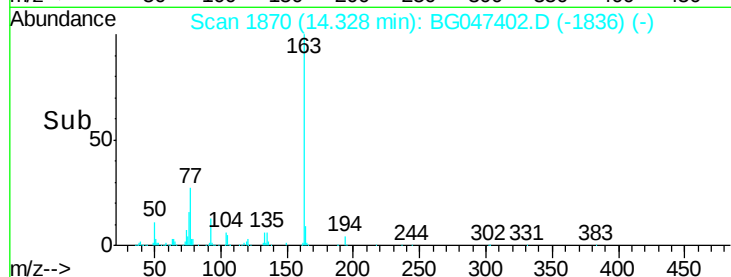
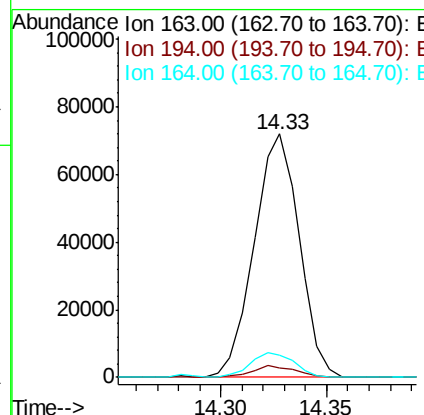
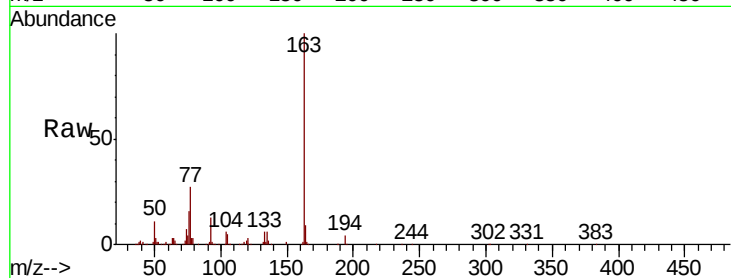
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Dimethylphthalate
Concen: 10.666 ng/ul
RT: 14.33 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BG047402.D
Acq: 21 Nov 2020 19:49

Instrument :
BNA_G
ClientSampleId :
C0BF2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	106670		
194	4.0		3.4	5.2
164	9.3		8.8	13.2

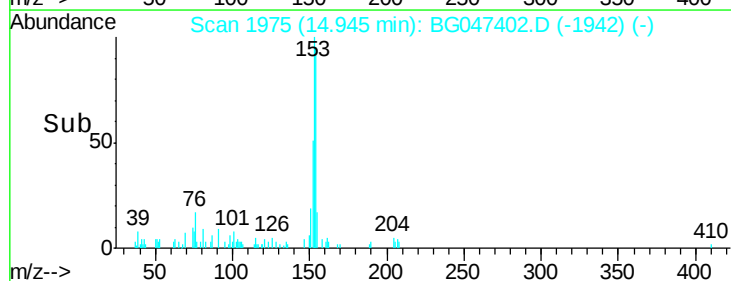
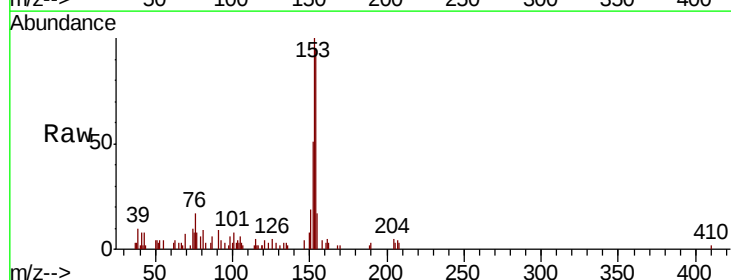
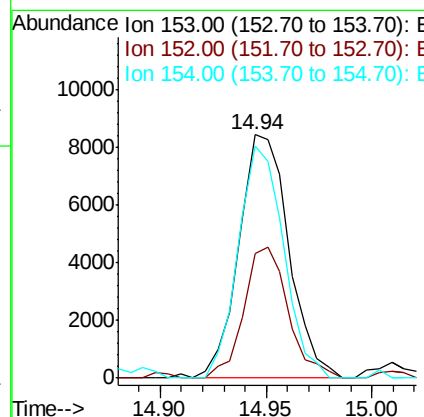
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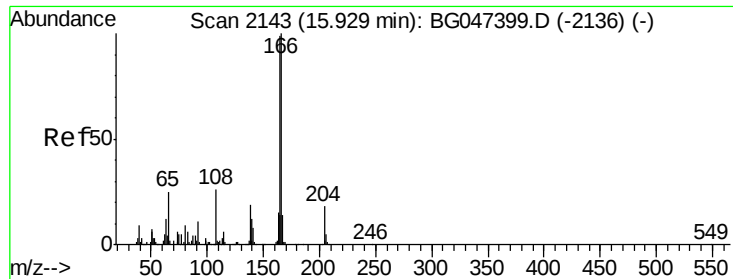
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#50
Acenaphthene
Concen: 1.875 ng/ul
RT: 14.94 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG047402.D
Acq: 21 Nov 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	13853		
152	51.4		39.8	59.8
154	95.2		76.0	114.0





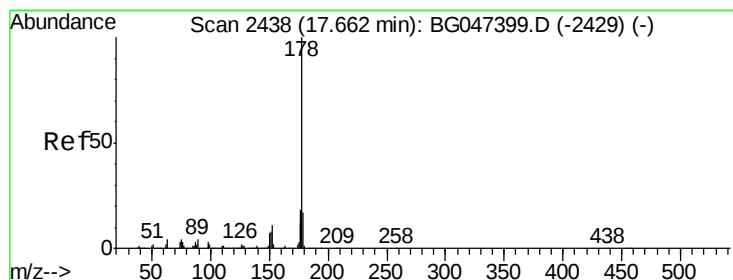
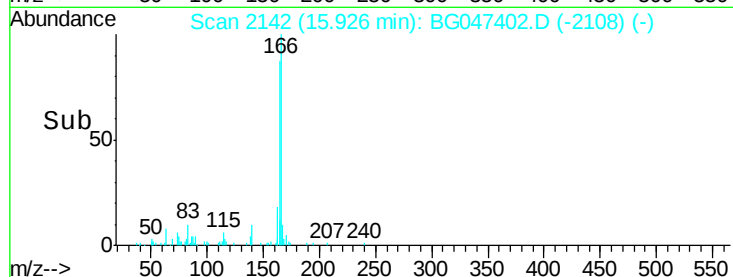
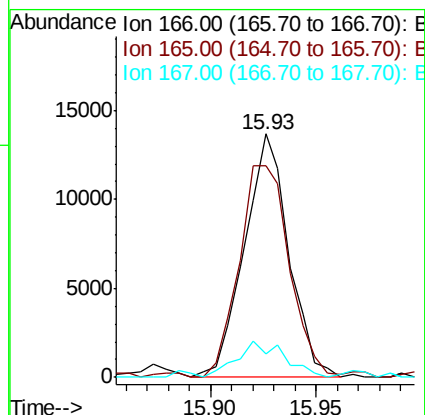
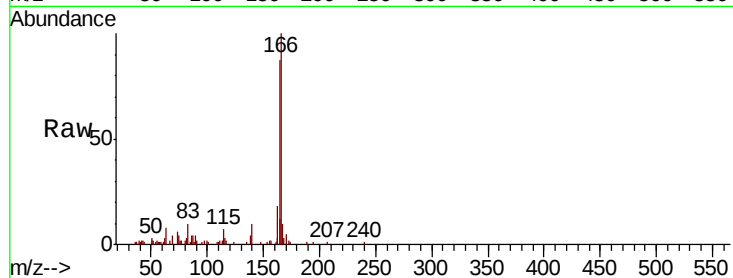
#59
Fluorene
 Concen: 2.180 ng/ul
 RT: 15.93 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG047402.D
 Acq: 21 Nov 2020 19:49

Instrument :
 BNA_G
 ClientSampleId :
 C0BF2

Tot Ion	Ratio	Lower	Upper
166	100		
165	87.0	79.0	118.4
167	9.6	10.4	15.6#

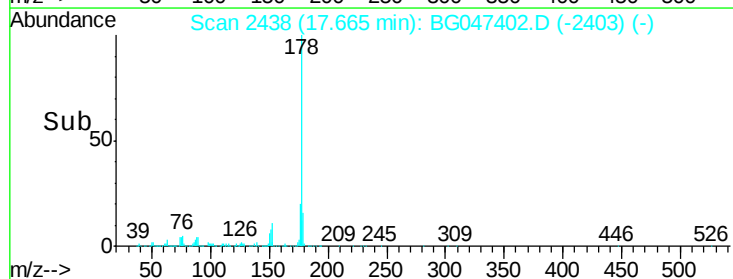
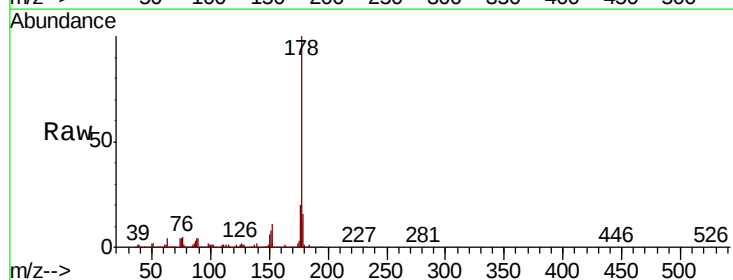
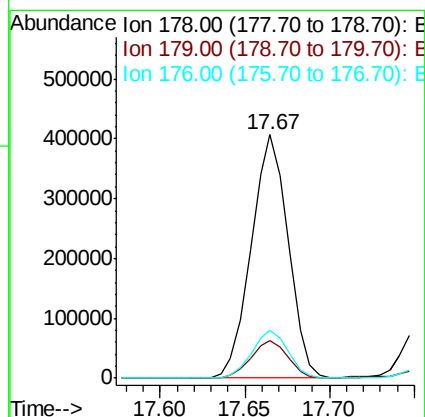
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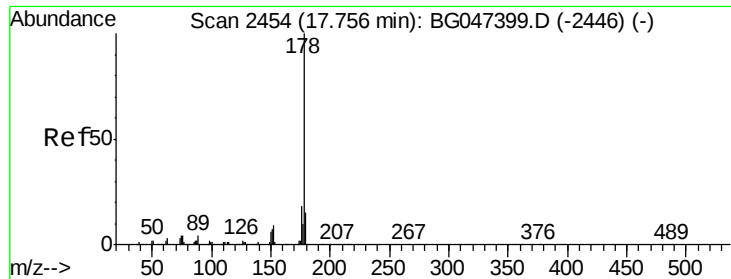
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#70
Phenanthrene
 Concen: 45.382 ng/ul
 RT: 17.67 min Scan# 2438
 Delta R.T. 0.01 min
 Lab File: BG047402.D
 Acq: 21 Nov 2020 19:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.6	15.7	23.5





#72

Anthracene

Concen: 9.922 ng/ul

RT: 17.75 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BG047402.D

Acq: 21 Nov 2020 19:49

Instrument :

BNA_G

ClientSampleId :

C0BF2

Tot Ion:178 Resp: 135934

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.2

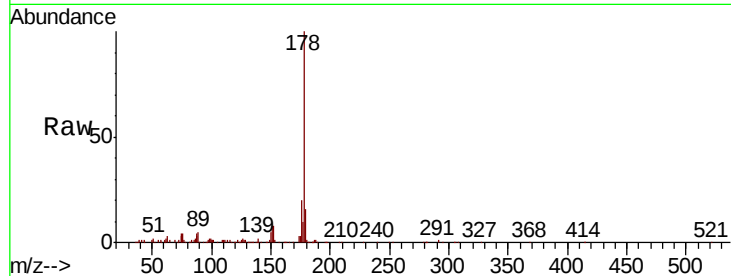
176 19.9 16.2 24.4

Manual Integrations

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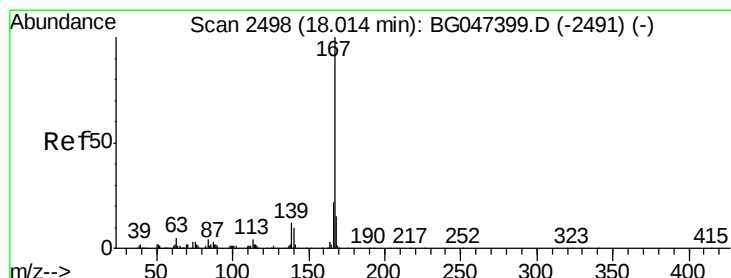
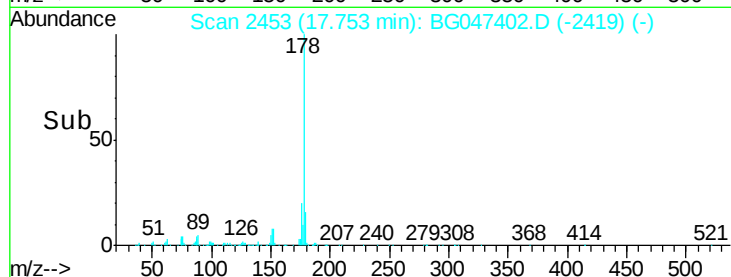
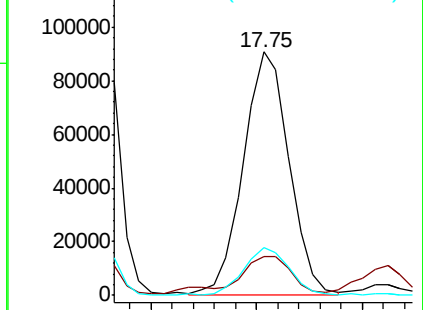
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 4.206 ng/ul

RT: 18.01 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BG047402.D

Acq: 21 Nov 2020 19:49

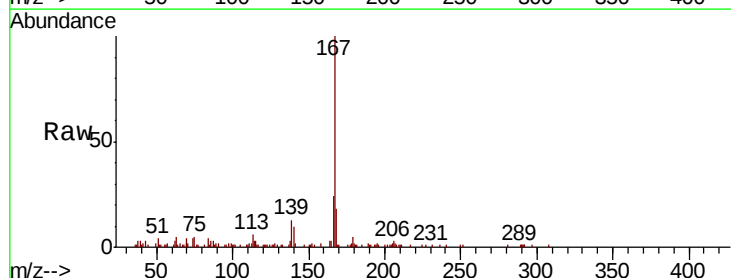
Tgt Ion:167 Resp: 46485

Ion Ratio Lower Upper

167 100

166 24.0 17.8 26.6

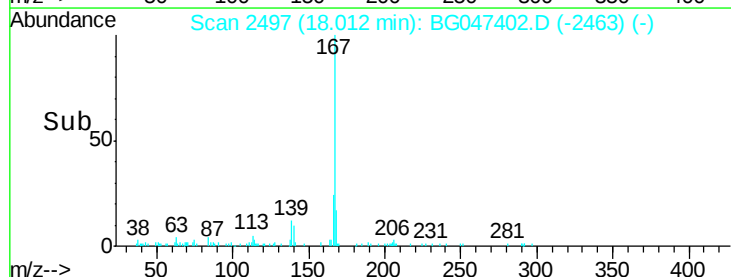
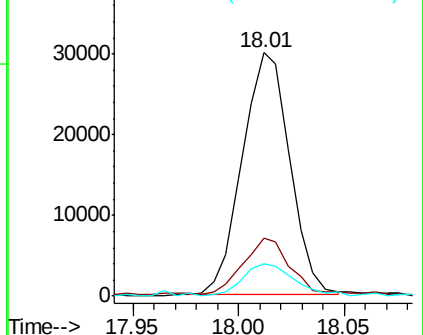
139 13.4 9.9 14.9

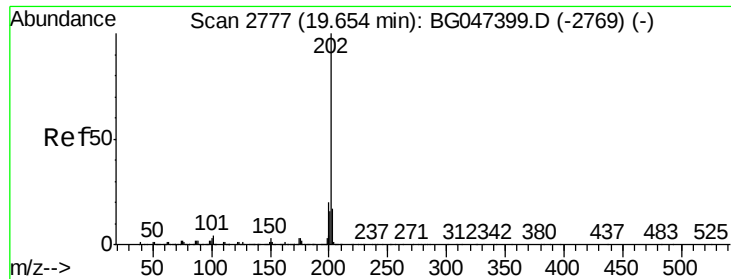


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 99.830 ng/ul

RT: 19.66 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BG047402.D

Acq: 21 Nov 2020 19:49

Instrument :

BNA_G

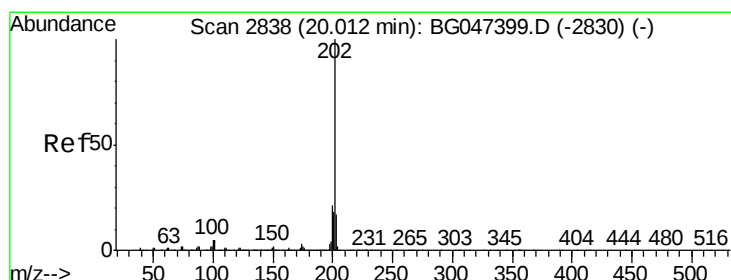
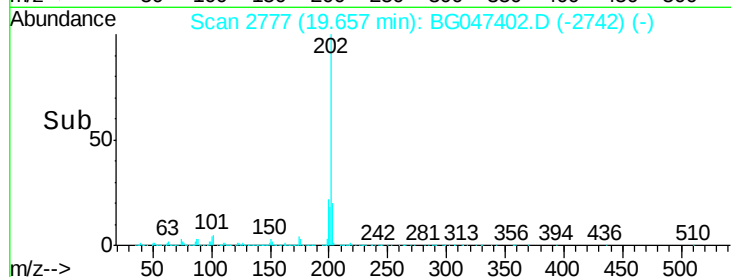
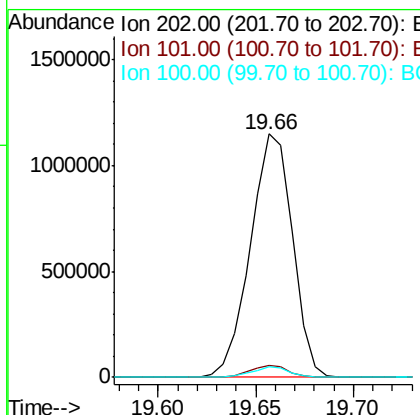
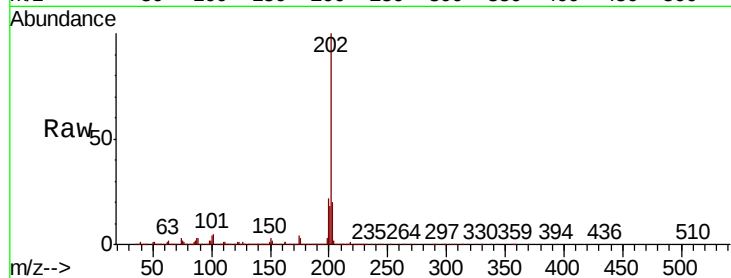
ClientSampleId :

C0BF2

Tot Ion	Ion	Ratio	Lower	Upper
202	100			
101	4.7	3.3	4.9	
100	4.4	3.4	5.0	

Manual Integrations
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#80

Pyrene

Concen: 92.824 ng/ul

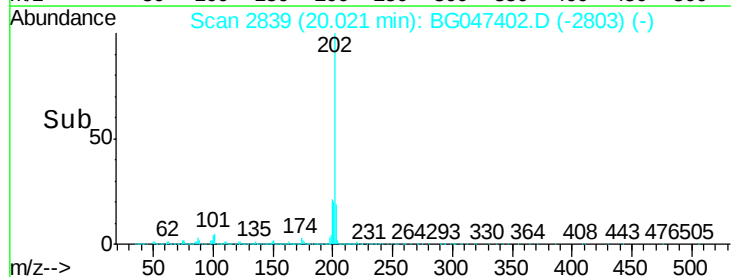
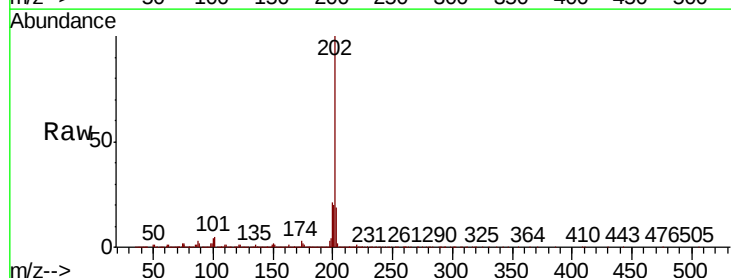
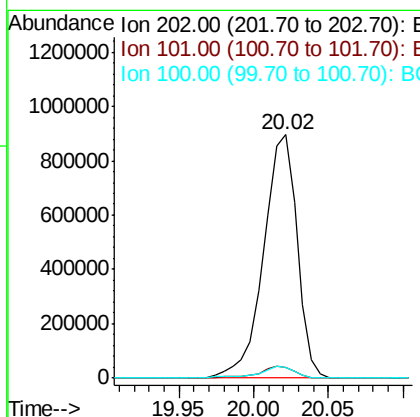
RT: 20.02 min Scan# 2839

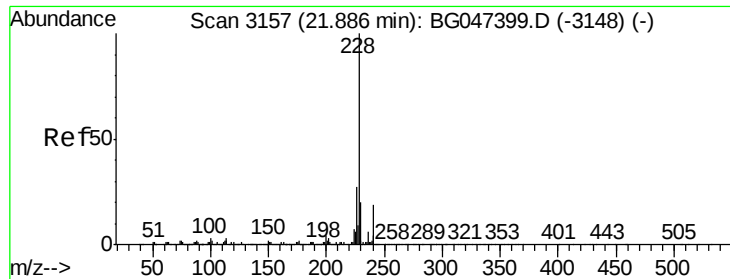
Delta R.T. 0.01 min

Lab File: BG047402.D

Acq: 21 Nov 2020 19:49

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	4.6	5.0	7.4#	
100	4.2	4.6	7.0#	





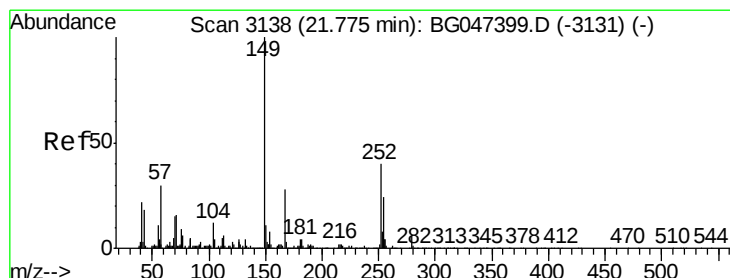
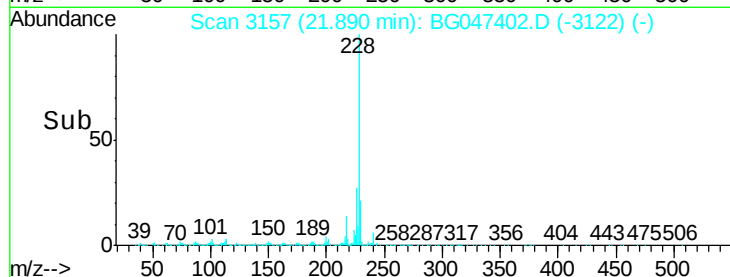
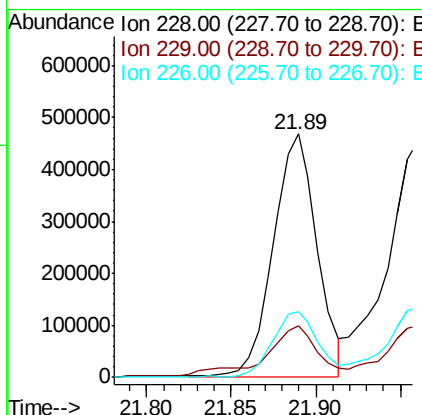
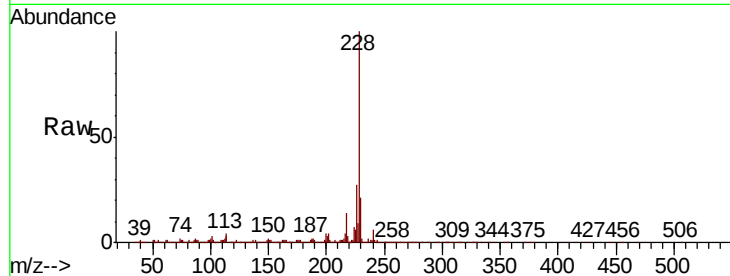
#83
Benzo(a)anthracene
Concen: 55.650 ng/ul
RT: 21.89 min Scan# 3157
Delta R.T. 0.01 min
Lab File: BG047402.D
Acq: 21 Nov 2020 19:49

Instrument :
BNA_G
ClientSampleId :
C0BF2

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.2
226	27.0	23.3	34.9

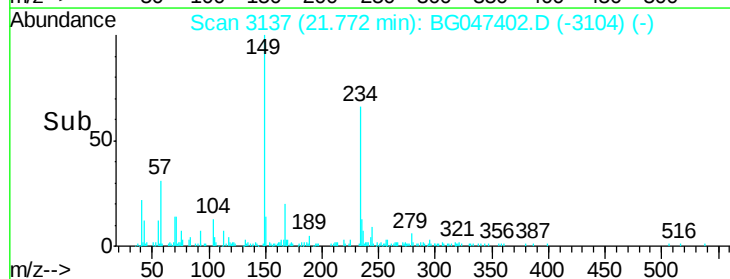
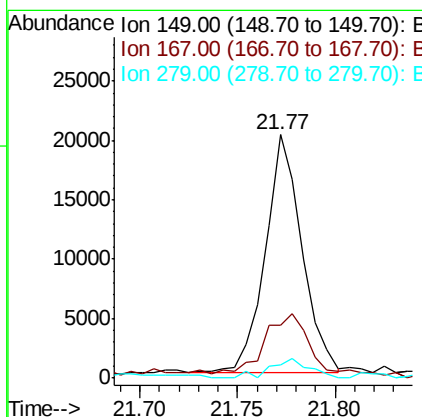
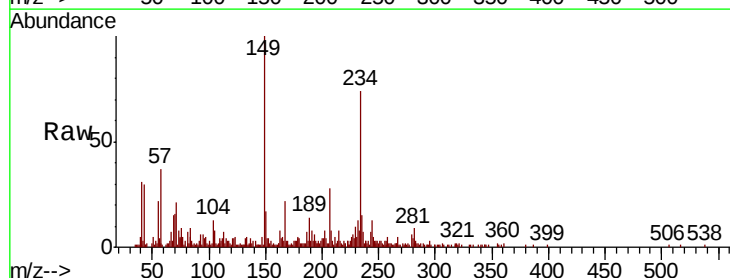
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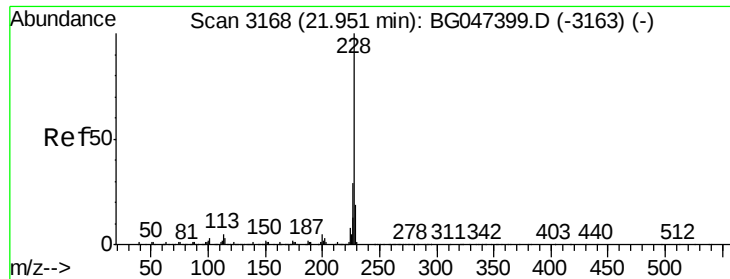
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.549 ng/ul
RT: 21.77 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG047402.D
Acq: 21 Nov 2020 19:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	21.8	21.8	32.8#
279	5.5	4.2	6.2





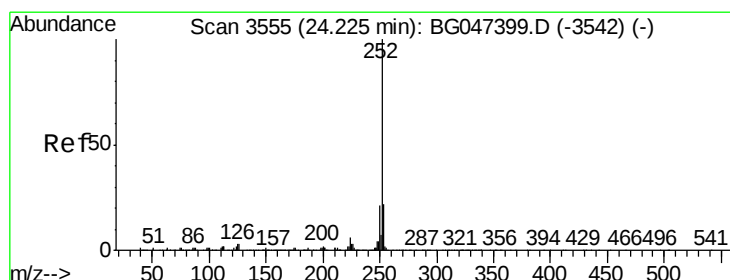
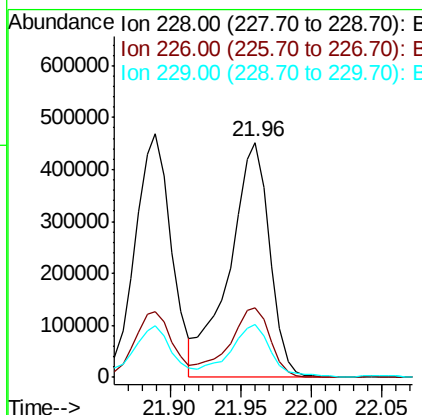
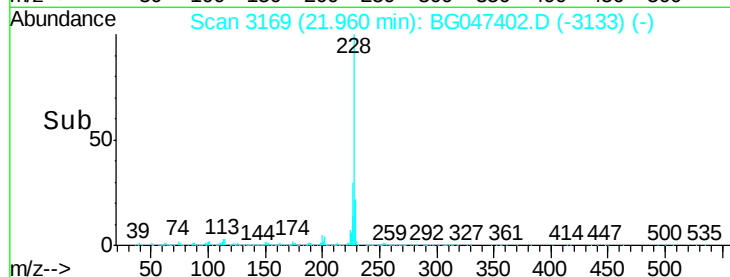
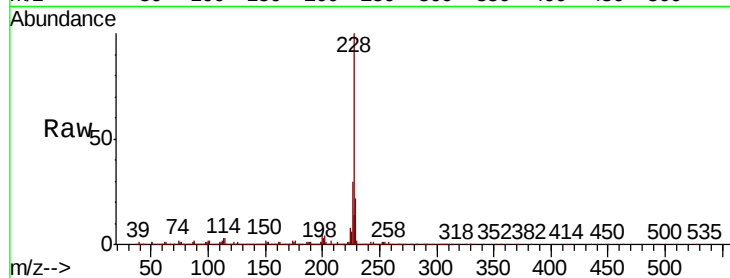
#85
Chrysene
Concen: 62.346 ng/ul
RT: 21.96 min Scan# 3169
Delta R.T. 0.01 min
Lab File: BG047402.D
Acq: 21 Nov 2020 19:49

Instrument :
BNA_G
ClientSampleId :
C0BF2

Tot Ion:	228	Resp:	896718
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.8	35.6
229	22.4	16.3	24.5

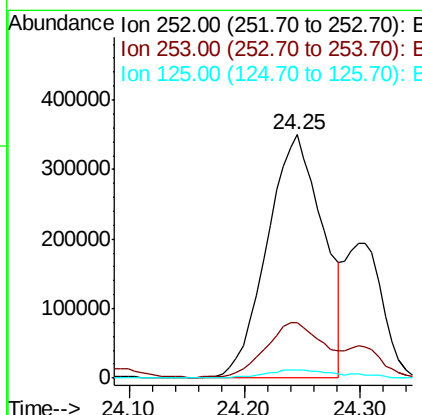
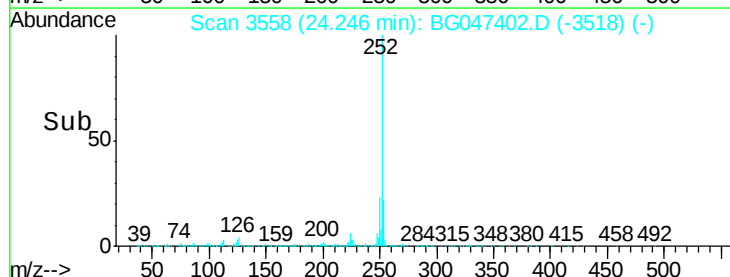
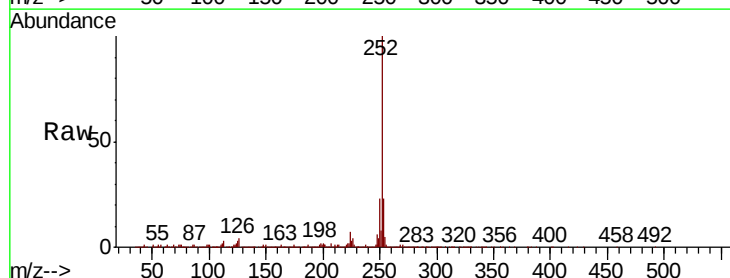
Manual Integrations
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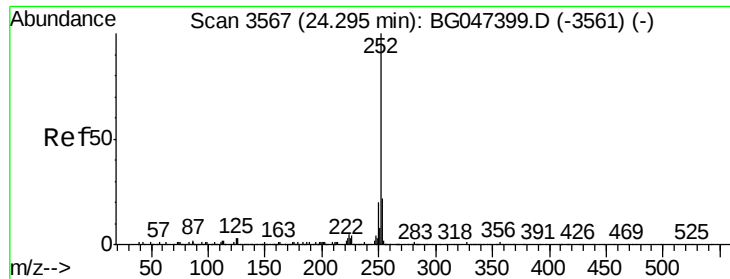
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#88
Benzo(b)fluoranthene
Concen: 73.810 ng/ul
RT: 24.25 min Scan# 3558
Delta R.T. 0.04 min
Lab File: BG047402.D
Acq: 21 Nov 2020 19:49

Tgt Ion:	252	Resp:	1178183
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.4	27.6
125	3.2	2.5	3.7





#89

Benzo(k)fluoranthene

Concen: 27.853 ng/ul

RT: 24.30 min Scan# 3568

Delta R.T. 0.02 min

Lab File: BG047402.D

Acq: 21 Nov 2020 19:49

Instrument :

BNA_G

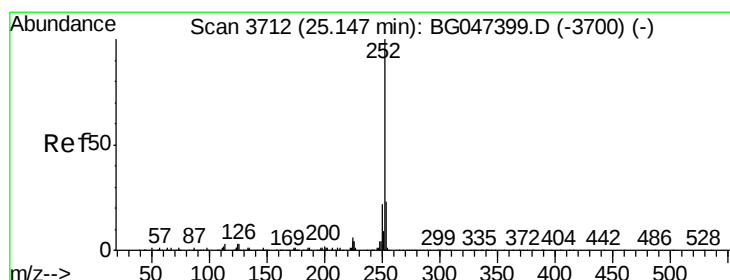
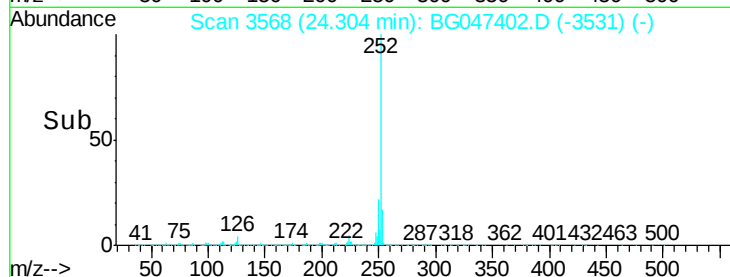
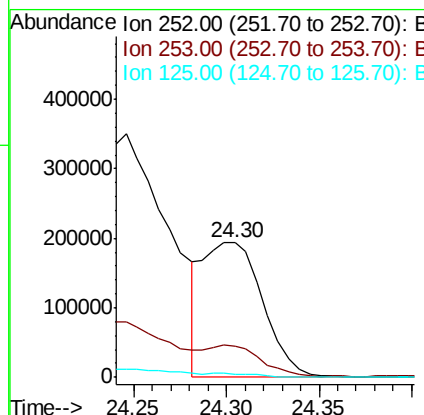
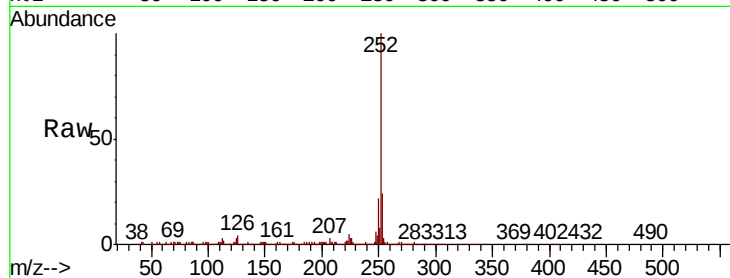
ClientSampleId :

C0BF2

Tot Ion:	252	Resp:	438136
Ion Ratio	Lower	Upper	
252	100		
253	23.6	16.7	25.1
125	2.7	2.6	3.8

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#91

Benzo(a)pyrene

Concen: 55.328 ng/ul

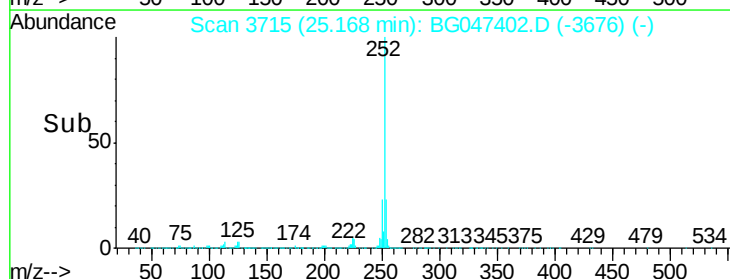
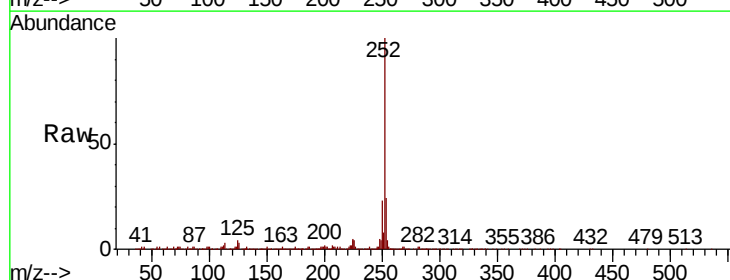
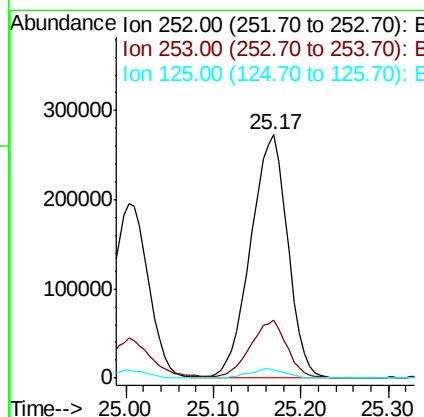
RT: 25.17 min Scan# 3715

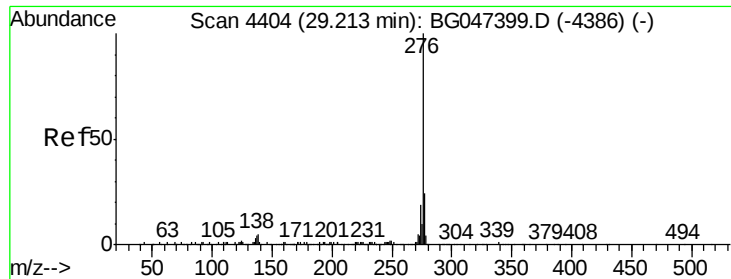
Delta R.T. 0.03 min

Lab File: BG047402.D

Acq: 21 Nov 2020 19:49

Tgt Ion:	252	Resp:	787296
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.5	26.3
125	3.5	3.1	4.7





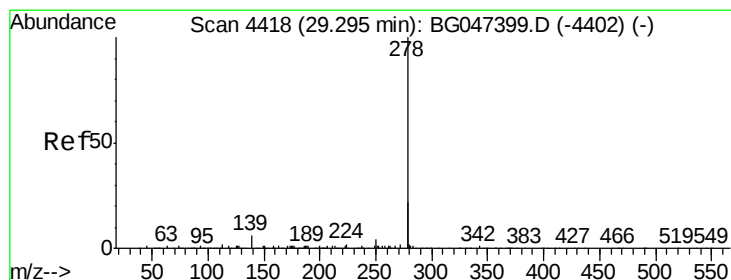
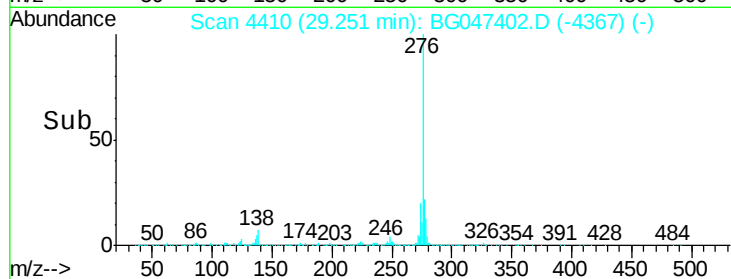
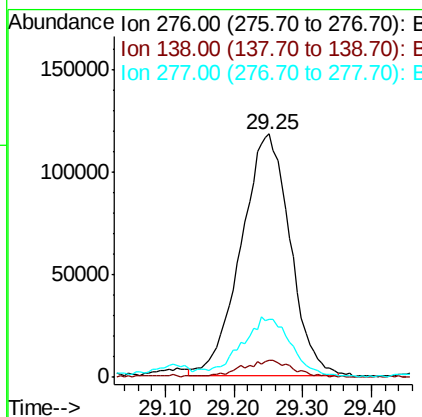
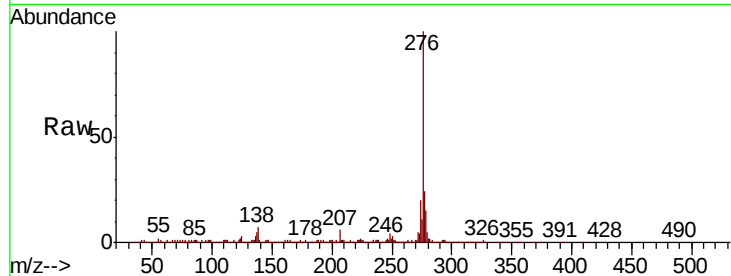
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 33.776 ng/ul
 RT: 29.25 min Scan# 4410
 Delta R.T. 0.06 min
 Lab File: BG047402.D
 Acq: 21 Nov 2020 19:49

Instrument :
 BNA_G
 ClientSampleId :
 C0BF2

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.0	7.5	11.3#
277	24.1	19.9	29.9

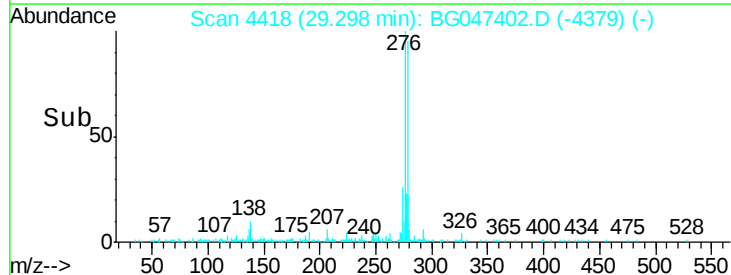
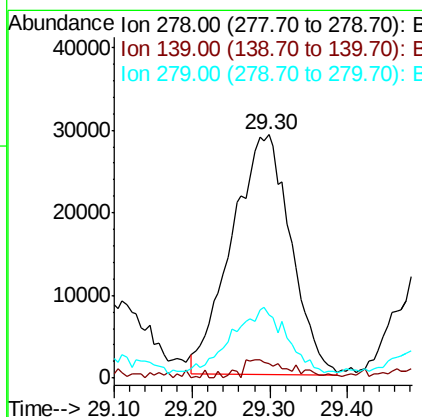
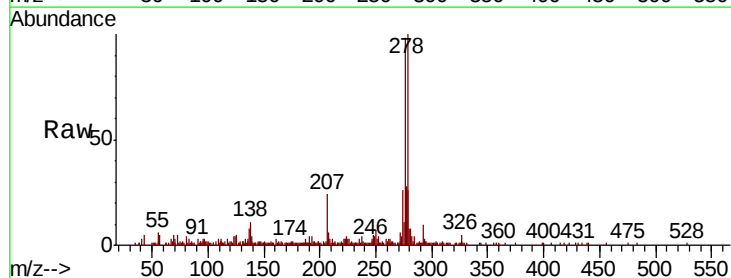
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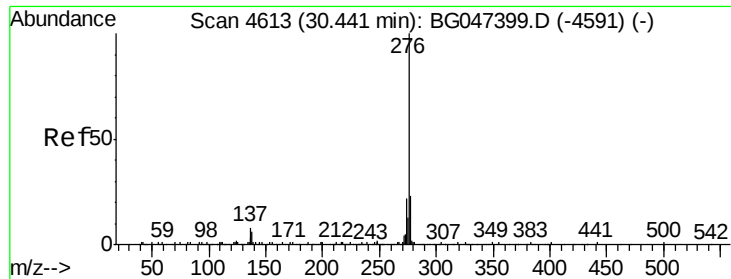
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#93
 Dibenzo(a,h)anthracene
 Concen: 10.744 ng/ul m
 RT: 29.30 min Scan# 4418
 Delta R.T. 0.03 min
 Lab File: BG047402.D
 Acq: 21 Nov 2020 19:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	3.8	5.8	8.6#
279	25.8	20.0	30.0





#94
 Benzo(a,h,i)perylene
 Concen: 38.795 ng/ul m
 RT: 30.49 min Scan# 4620
 Delta R.T. 0.07 min
 Lab File: BG047402.D
 Acq: 21 Nov 2020 19:49

Instrument :
 BNA_G
 ClientSampleId :
 C0BF2

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.9	8.2	12.2#
277	24.2	17.5	26.3

Manual Integrations
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