

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
 Data File : BG047382.D
 Acq On : 20 Nov 2020 19:40
 Operator : CG/JU
 Sample : L4711-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B33

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:29:48 PM

Quant Time: Nov 21 03:00:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 21 01:27:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	40183	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	159826	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	120143	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	278877	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	251087	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	271605	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	2711	2.45	ng/uL	0.00
5) Phenol-d5	7.40	99	64999	16.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	37221	16.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	46562	17.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	43456	14.03	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	23312	17.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	25626	17.79	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.71	165	54605	16.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	47940	14.37	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	166645	16.16	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	206614	17.33	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	20460	13.00	ng/ul	0.00
58) Fluorene-d10	15.87	176	154270	16.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	22892	14.42	ng/ul	0.00
71) Anthracene-d10	17.72	188	241269	17.44	ng/ul	0.00
79) Pyrene-d10	19.98	212	266060	18.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	279903	17.90	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.32	163	49610	4.716	ng/ul#	97
50) Acenaphthene	14.94	153	22133	2.848	ng/ul	88
59) Fluorene	15.92	166	17516	1.822	ng/ul	86
70) Phenanthrene	17.66	178	371234	24.651	ng/ul	99
72) Anthracene	17.75	178	80317m	5.296	ng/ul	
75) Carbazole	18.01	167	27804	2.273	ng/ul	96
77) Fluoranthene	19.65	202	783891	41.215	ng/ul	98
80) Pyrene	20.01	202	638601	35.905	ng/ul#	96
83) Benzo(a)anthracene	21.88	228	361346	20.226	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	28103	3.228	ng/ul#	96
85) Chrysene	21.95	228	375574	22.091	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	470946	24.558	ng/ul#	98
89) Benzo(k)fluoranthene	24.29	252	191559m	10.136	ng/ul	
91) Benzo(a)pyrene	25.14	252	328136	19.195	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.20	276	227804m	10.955	ng/ul	
93) Dibenzo(a,h)anthracene	29.24	278	58715m	3.444	ng/ul	
94) Benzo(g,h,i)perylene	30.42	276	196122	11.430	ng/ul	98

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

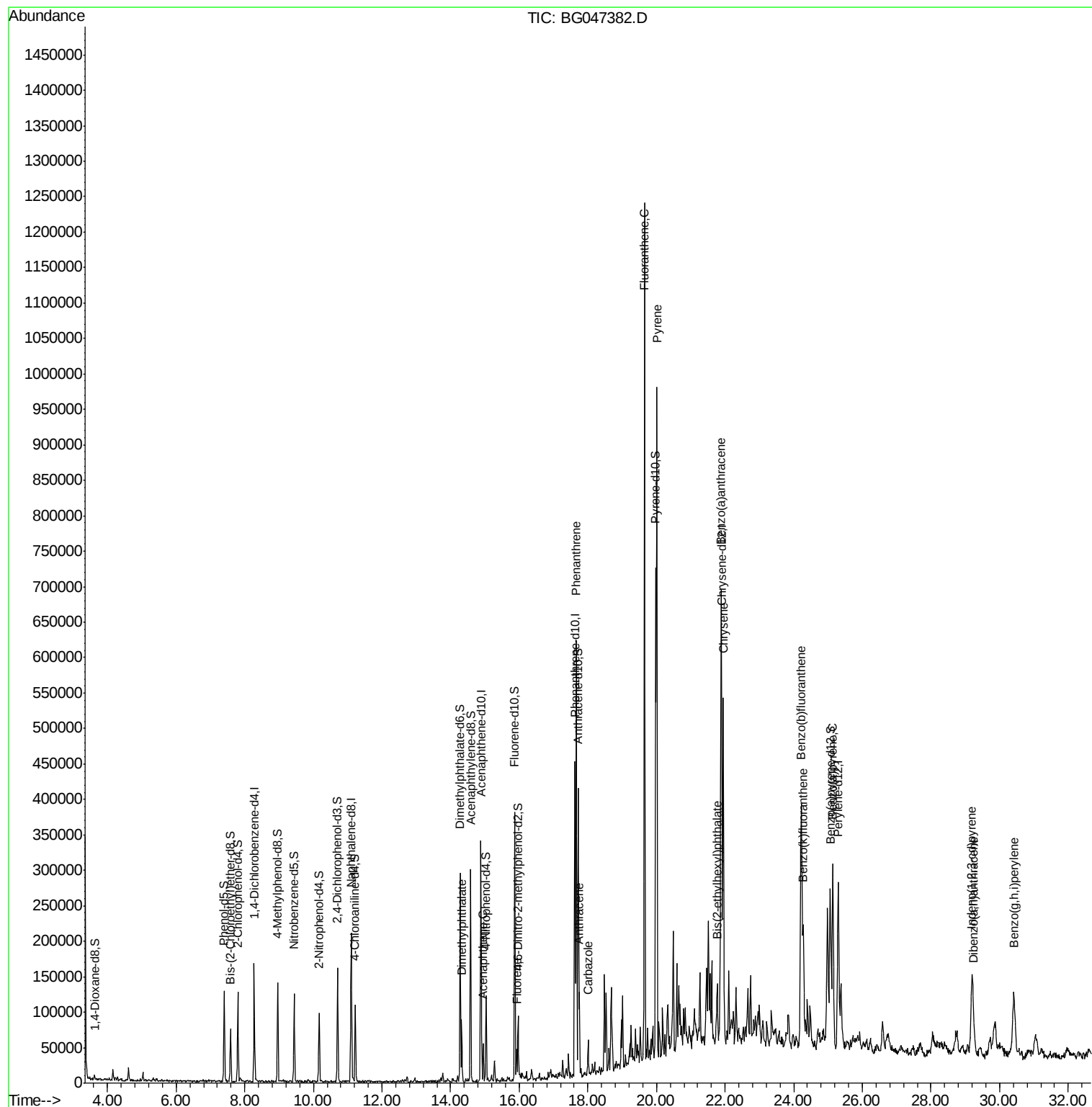
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

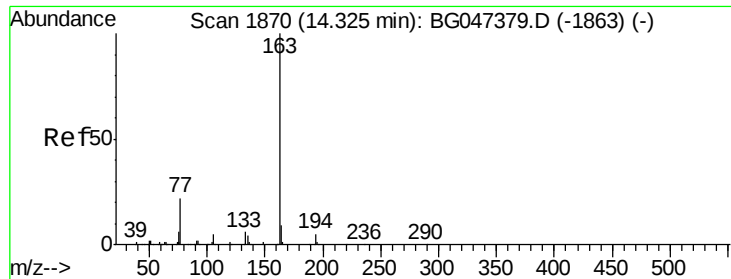
Instrument :
BNA_G
ClientSampled :
C0B33

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
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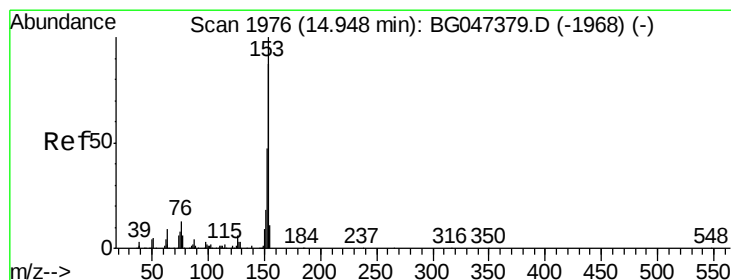
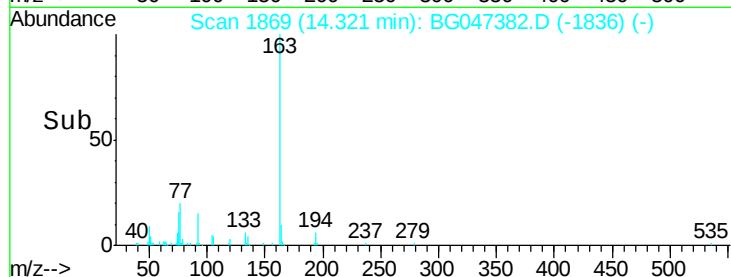
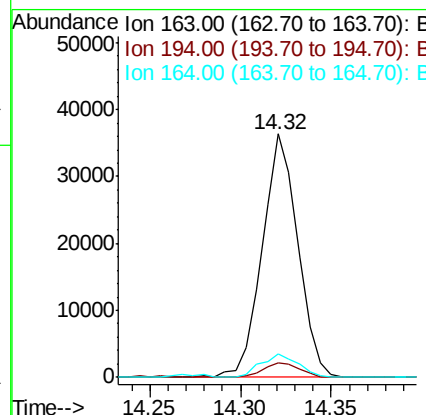
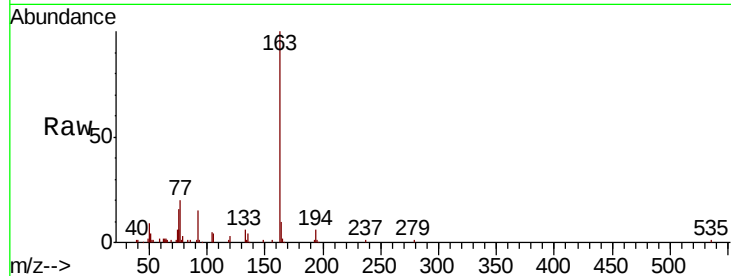
#45
Dimethylphthalate
Concen: 4.716 ng/ul
RT: 14.32 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BG047382.D
Acq: 20 Nov 2020 19:40

Instrument :
BNA_G
ClientSampleId :
C0B33

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.4	5.2#
164	9.9	8.8	13.2

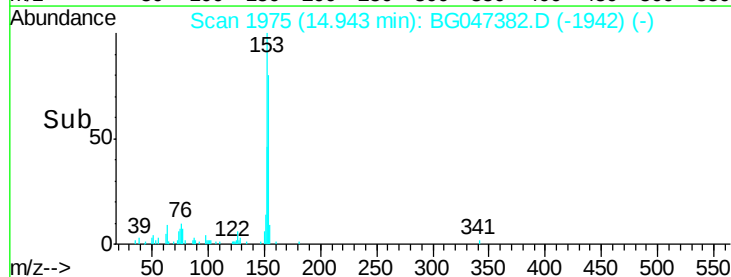
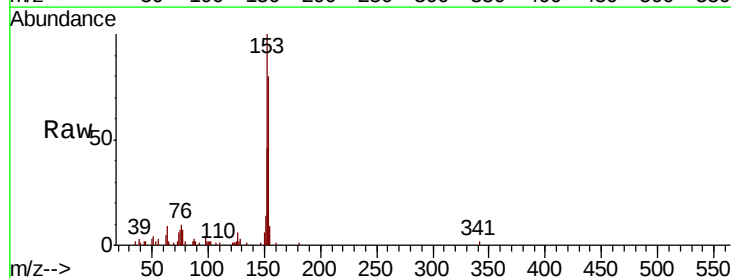
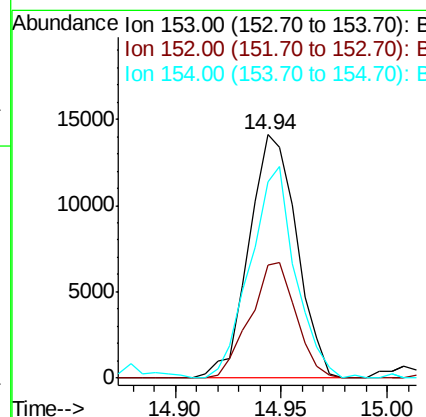
Manual Integrations
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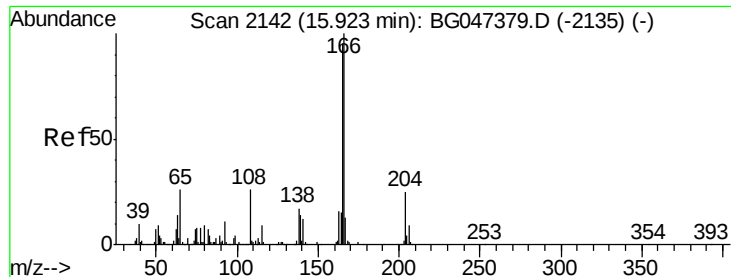
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#50
Acenaphthene
Concen: 2.848 ng/ul
RT: 14.94 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG047382.D
Acq: 20 Nov 2020 19:40

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.4	39.8	59.8
154	80.5	76.0	114.0





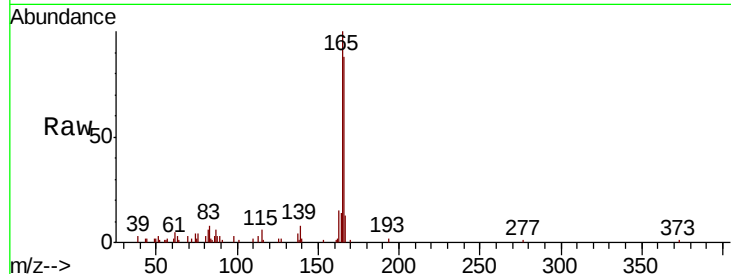
#59
Fluorene
Concen: 1.822 ng/ul
RT: 15.92 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG047382.D
Acq: 20 Nov 2020 19:40

Instrument :
BNA_G
ClientSampleId :
C0B33

Tot Ion	Ratio	Lower	Upper
166	100		
165	114.2	79.0	118.4
167	14.5	10.4	15.6

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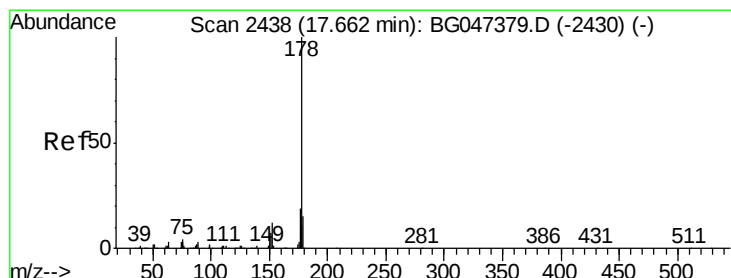
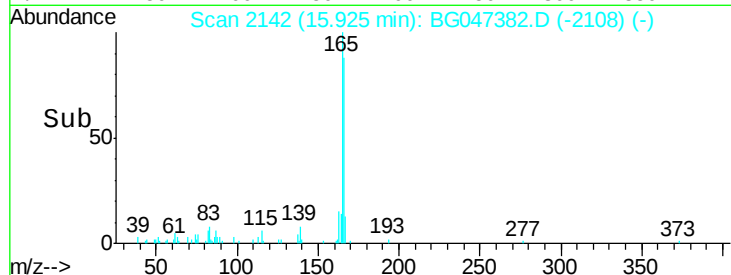
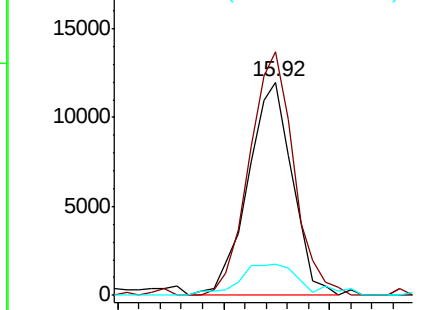


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70
Phenanthrene
Concen: 24.651 ng/ul
RT: 17.66 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG047382.D
Acq: 20 Nov 2020 19:40

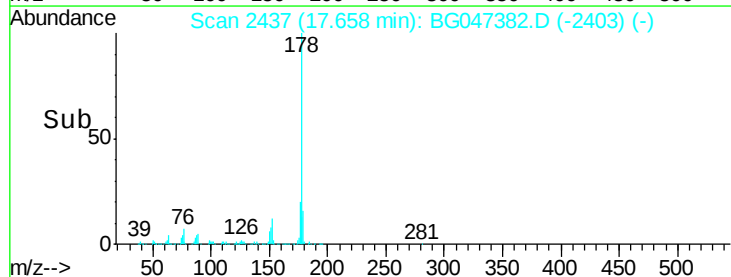
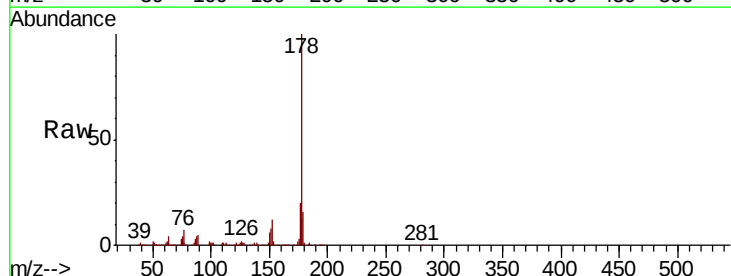
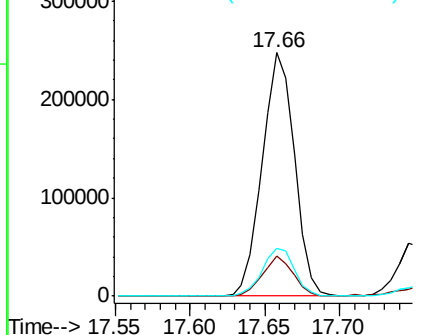
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	19.9	15.7	23.5

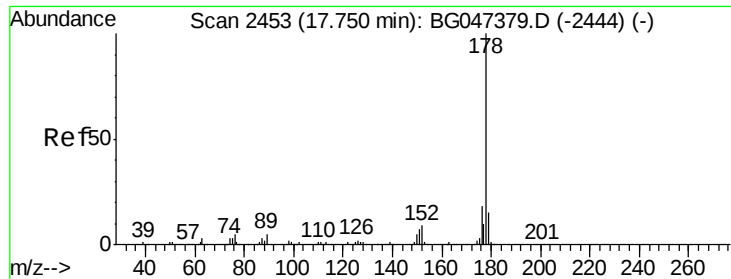
Abundance

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





#72

Anthracene

Concen: 5.296 ng/ul

RT: 17.75 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BG047382.D

Acq: 20 Nov 2020 19:40

Instrument :

BNA_G

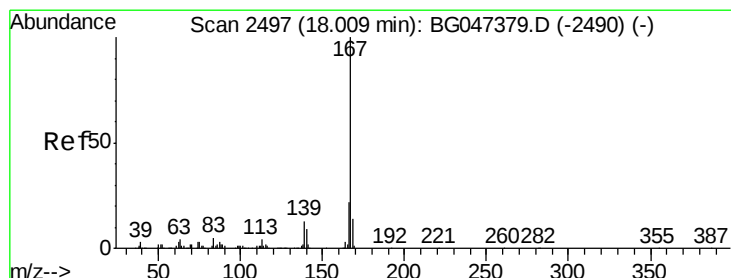
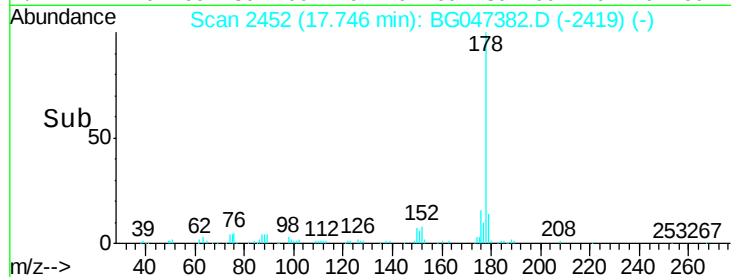
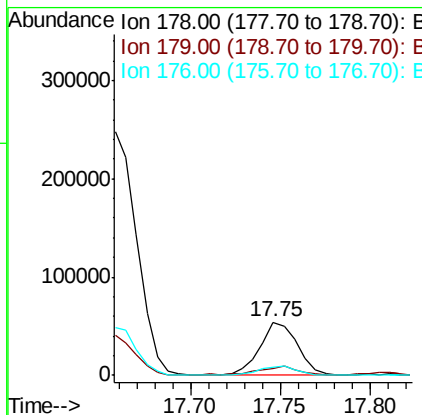
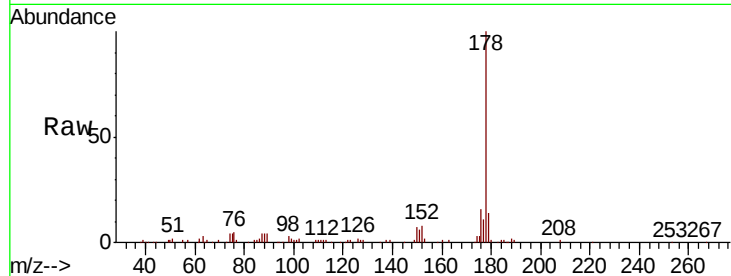
ClientSampleId :

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Tot Ion:178	Resp:	80317
Ion Ratio	Lower	Upper
178	100	
179	13.7	12.2 18.2
176	16.1	16.2 24.4#

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#75

Carbazole

Concen: 2.273 ng/ul

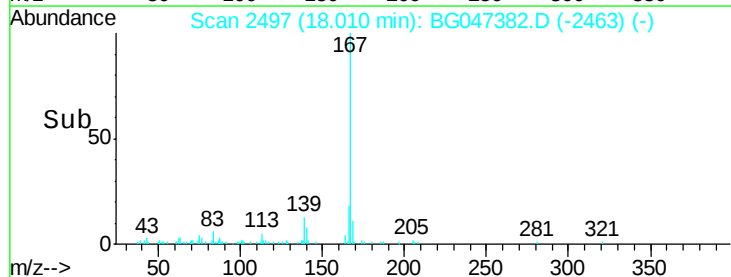
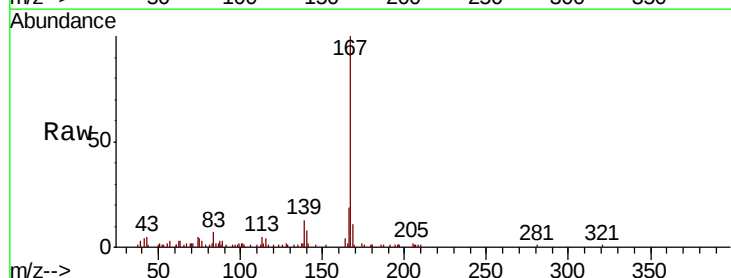
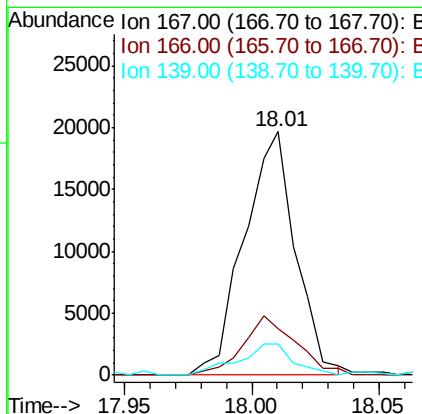
RT: 18.01 min Scan# 2497

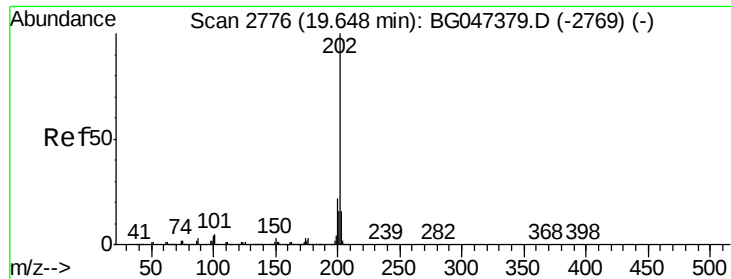
Delta R.T. 0.00 min

Lab File: BG047382.D

Acq: 20 Nov 2020 19:40

Tgt Ion:167	Resp:	27804
Ion Ratio	Lower	Upper
167	100	
166	19.1	17.8 26.6
139	12.7	9.9 14.9





#77

Fluoranthene

Concen: 41.215 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BG047382.D

Acq: 20 Nov 2020 19:40

Instrument :

BNA_G

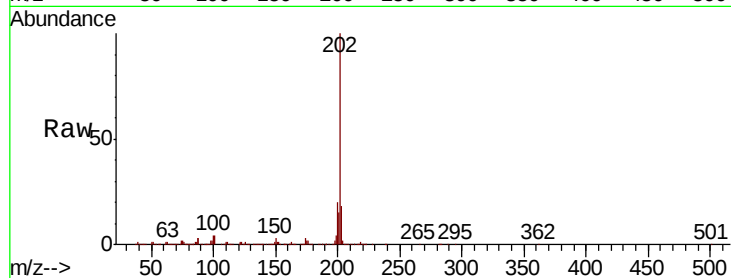
ClientSampleId :

C0B33

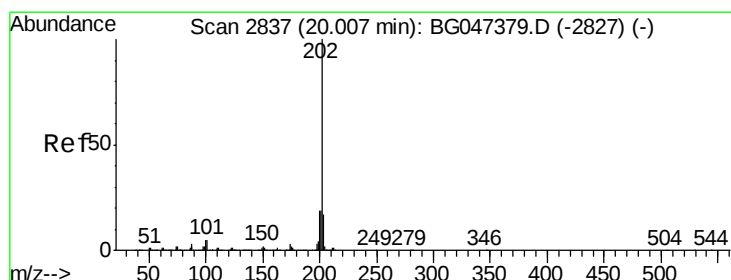
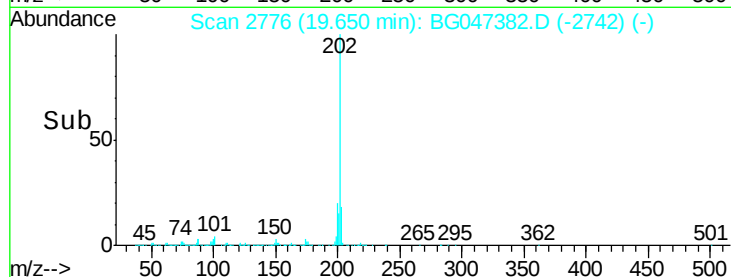
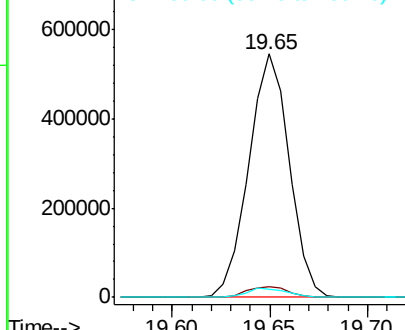
Tot Ion	Ion:202	Resp:	783891
Ion	Ratio	Lower	Upper
202	100		
101	4.5	3.3	4.9
100	3.5	3.4	5.0

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 35.905 ng/ul

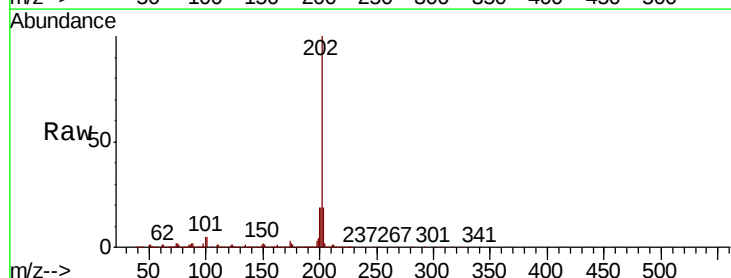
RT: 20.01 min Scan# 2837

Delta R.T. 0.00 min

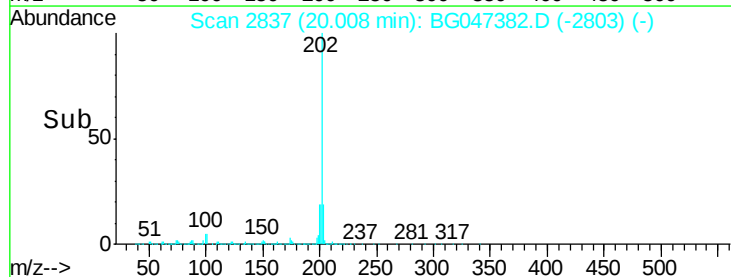
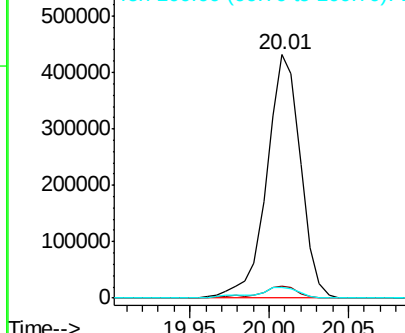
Lab File: BG047382.D

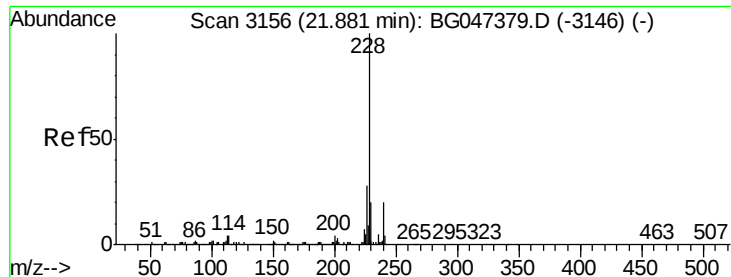
Acq: 20 Nov 2020 19:40

Tgt Ion	Ion:202	Resp:	638601
Ion	Ratio	Lower	Upper
202	100		
101	5.1	5.0	7.4
100	4.6	4.6	7.0#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 20.226 ng/ul

RT: 21.88 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG047382.D

Acq: 20 Nov 2020 19:40

Instrument :

BNA_G

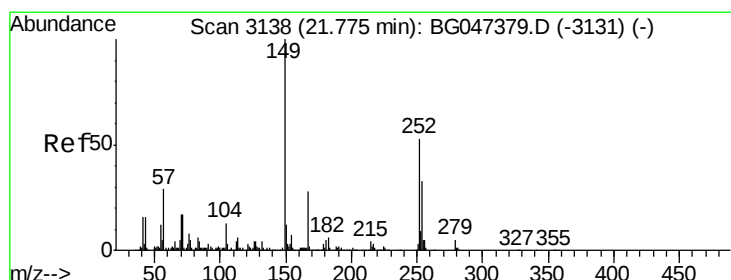
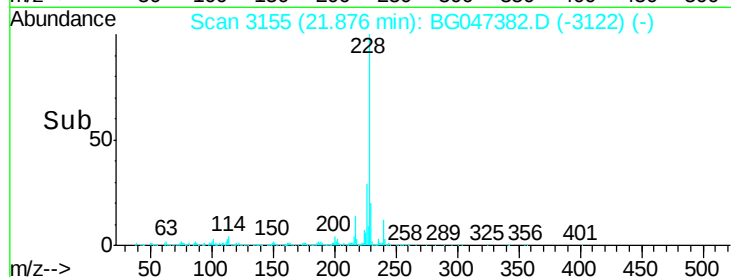
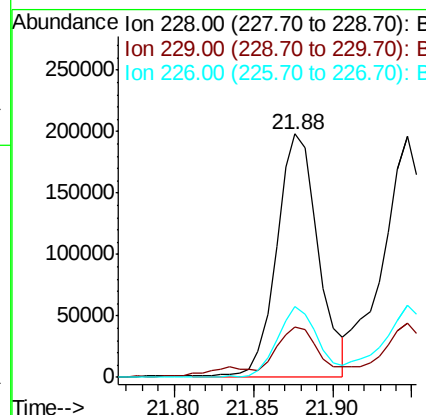
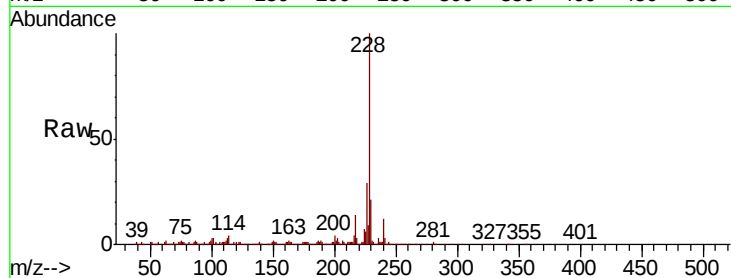
ClientSampled :

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Tot Ion:	228	Resp:	361346
Ion Ratio	Lower	Upper	
228	100		
229	20.6	16.2	24.2
226	29.3	23.3	34.9

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#84

Bis(2-ethylhexyl)phthalate

Concen: 3.228 ng/ul

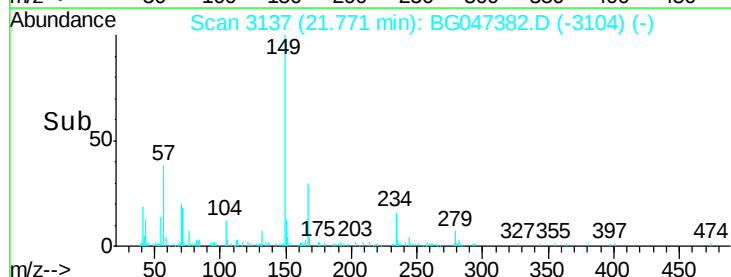
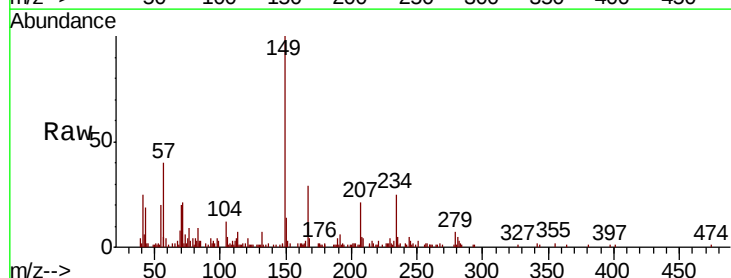
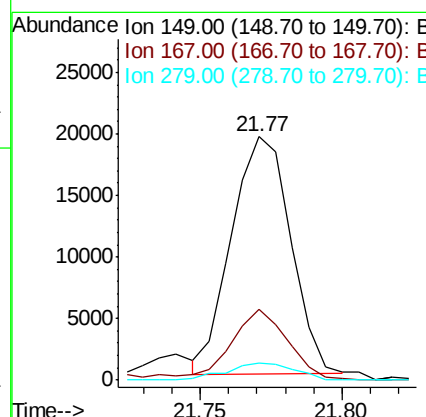
RT: 21.77 min Scan# 3137

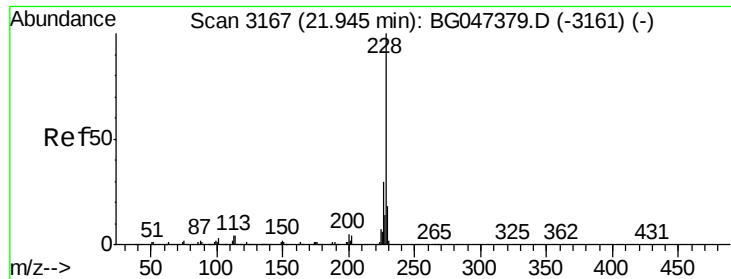
Delta R.T. -0.00 min

Lab File: BG047382.D

Acq: 20 Nov 2020 19:40

Tgt Ion:	149	Resp:	28103
Ion Ratio	Lower	Upper	
149	100		
167	29.2	21.8	32.8
279	7.0	4.2	6.2#





#85

Chrysene

Concen: 22.091 ng/uL

RT: 21.95 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG047382.D

Acq: 20 Nov 2020 19:40

Instrument :

BNA_G

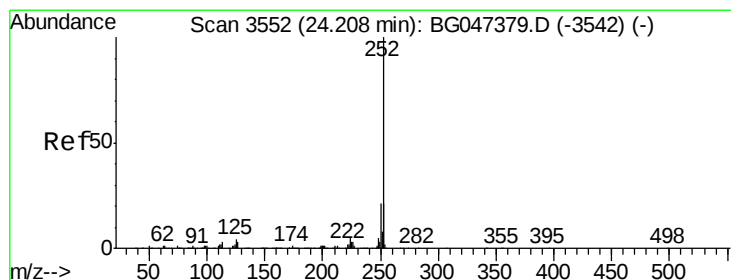
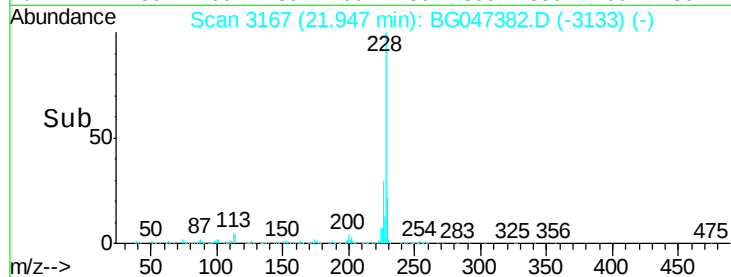
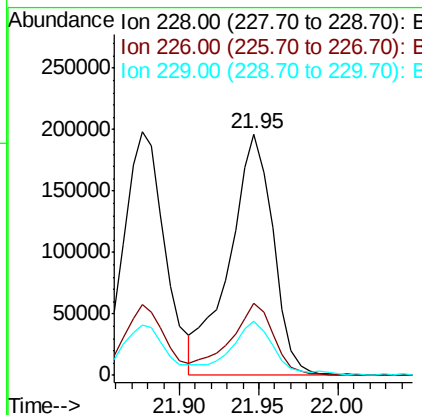
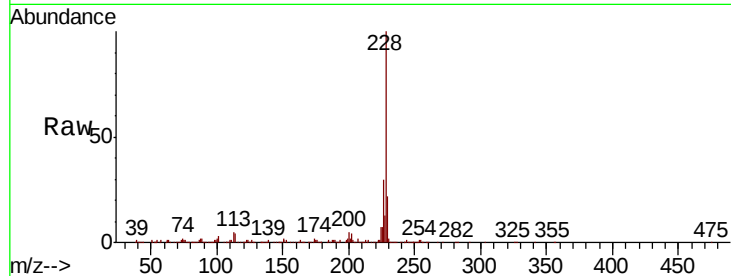
ClientSampleId :

C0B33

Tot Ion:	228	Resp:	375574
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.8	35.6
229	22.3	16.3	24.5

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#88

Benzo(b)fluoranthene

Concen: 24.558 ng/uL

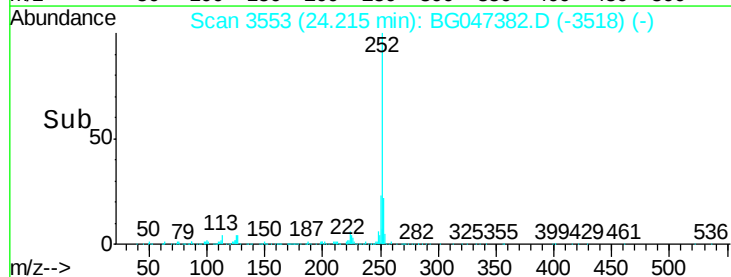
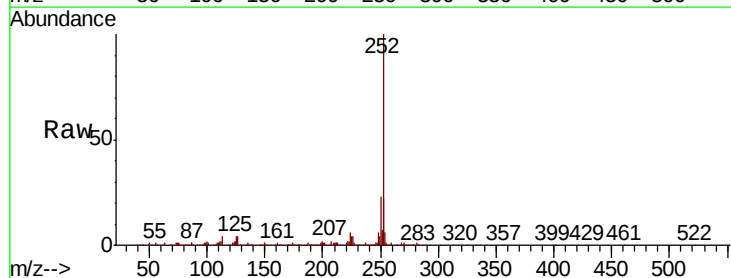
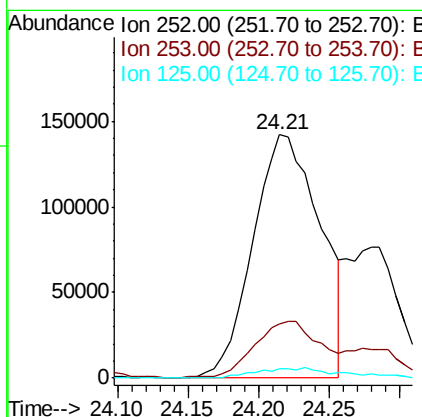
RT: 24.21 min Scan# 3553

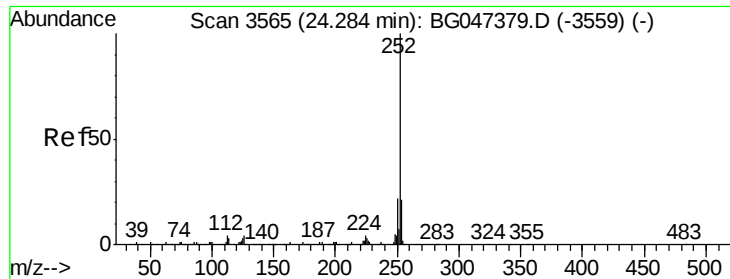
Delta R.T. 0.01 min

Lab File: BG047382.D

Acq: 20 Nov 2020 19:40

Tgt Ion:	252	Resp:	470946
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.4	27.6
125	3.7	2.5	3.7#





#89

Benzo(k)fluoranthene

Concen: 10.136 ng/ul m

RT: 24.29 min Scan# 3565

Delta R.T. 0.00 min

Lab File: BG047382.D

Acq: 20 Nov 2020 19:40

Instrument :

BNA_G

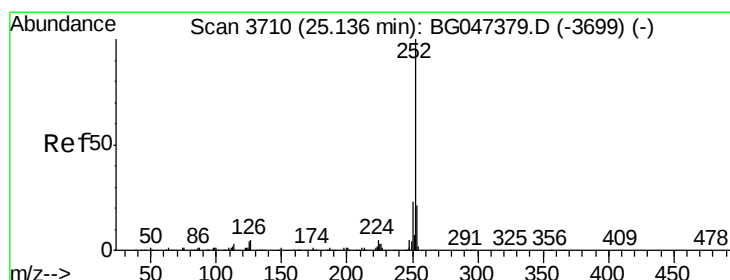
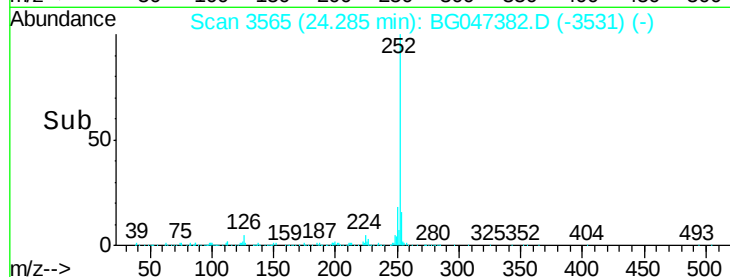
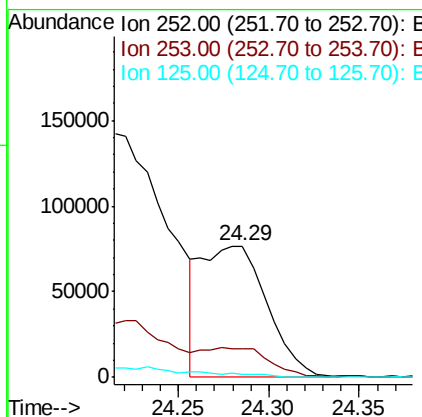
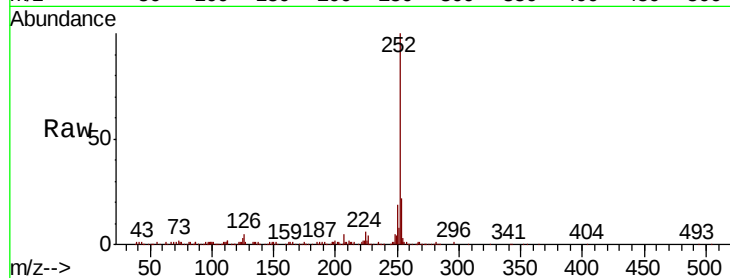
ClientSampleId :

C0B33

Tot Ion:	252	Resp:	191559
Ion Ratio	Lower	Upper	
252	100		
253	21.7	16.7	25.1
125	2.8	2.6	3.8

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#91

Benzo(a)pyrene

Concen: 19.195 ng/ul

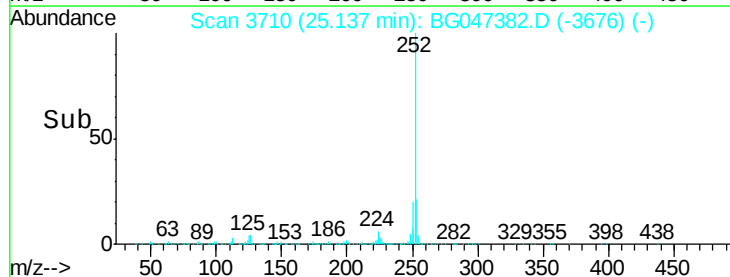
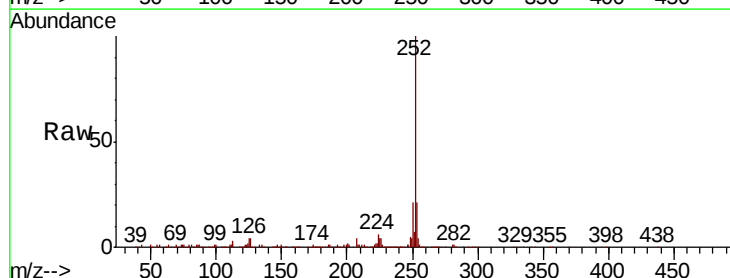
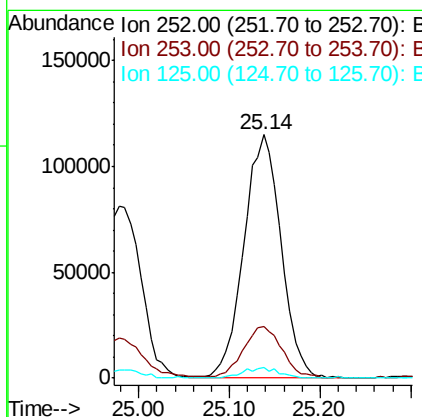
RT: 25.14 min Scan# 3710

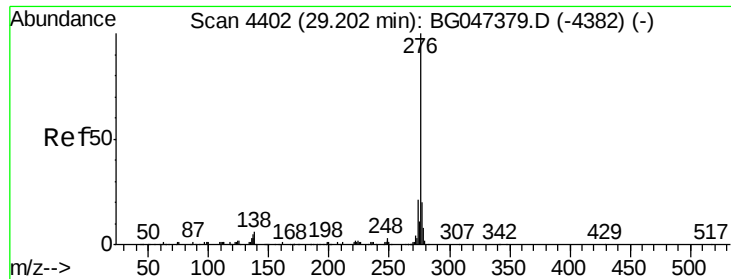
Delta R.T. 0.00 min

Lab File: BG047382.D

Acq: 20 Nov 2020 19:40

Tgt Ion:	252	Resp:	328136
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.5	26.3
125	4.3	3.1	4.7





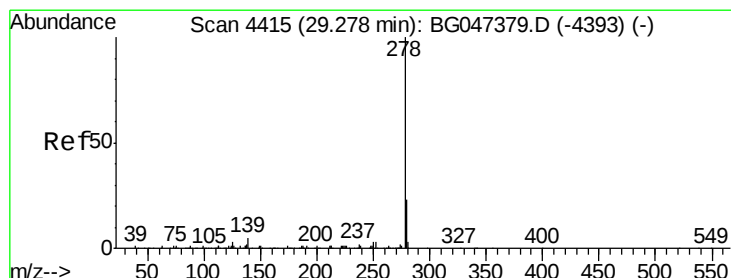
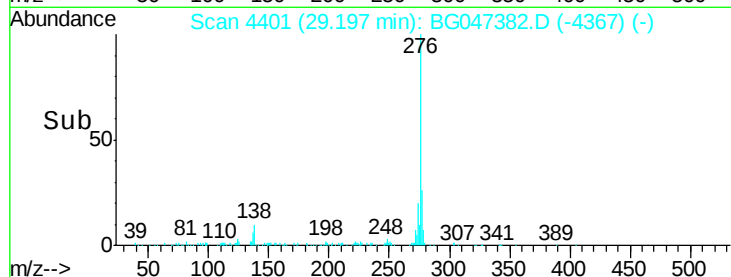
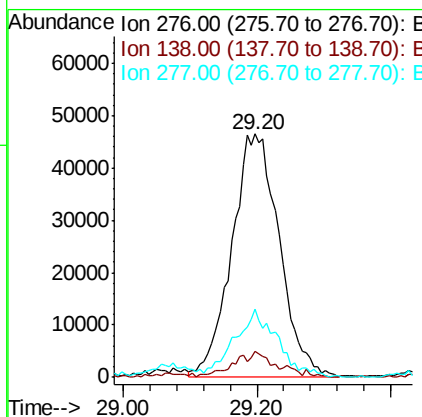
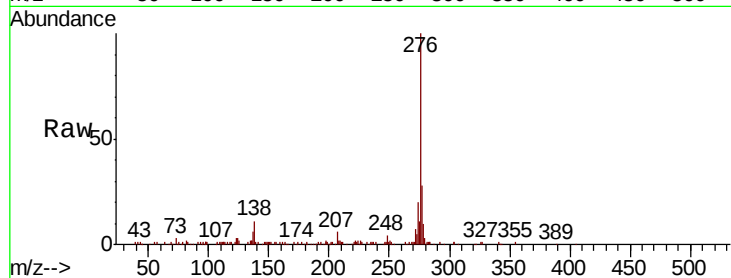
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 10.955 ng/ul m
 RT: 29.20 min Scan# 4401
 Delta R.T. 0.00 min
 Lab File: BG047382.D
 Acq: 20 Nov 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :
 C0B33

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.8	7.5	11.3
277	27.8	19.9	29.9

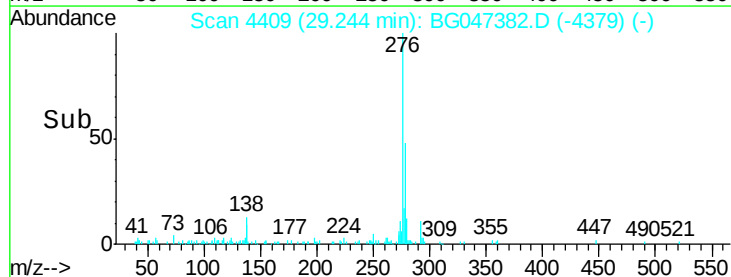
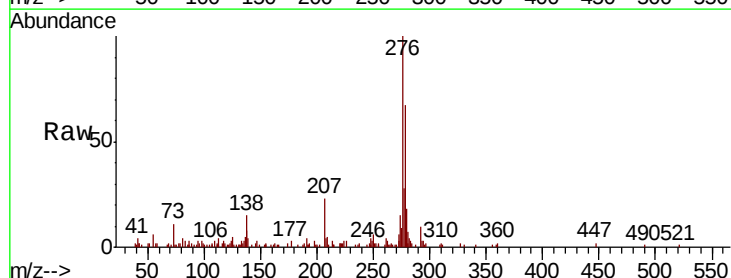
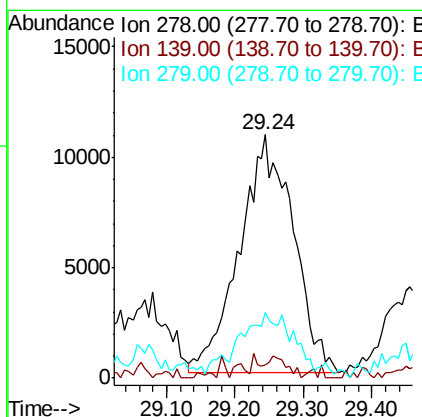
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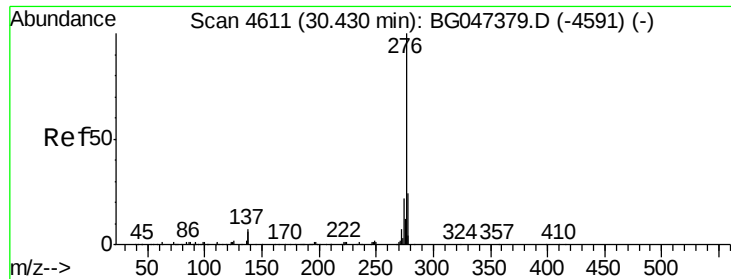
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#93
 Dibenzo(a,h)anthracene
 Concen: 3.444 ng/ul m
 RT: 29.24 min Scan# 4409
 Delta R.T. -0.02 min
 Lab File: BG047382.D
 Acq: 20 Nov 2020 19:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	5.6	5.8	8.6#
279	27.2	20.0	30.0





#94
 Benzo(a,h,i)perylene
 Concen: 11.430 ng/ul
 RT: 30.42 min Scan# 4609
 Delta R.T. 0.00 min
 Lab File: BG047382.D
 Acq: 20 Nov 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :
 C0B33

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.7	8.2	12.2
277	22.8	17.5	26.3

Manual Integrations
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