

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047557.D
 Acq On : 4 Dec 2020 4:11
 Operator : CG/JU
 Sample : L4855-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z8

Manual Integrations
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 12/4/2020 4:31:12 PM

Quant Time: Dec 04 04:59:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 04 02:52:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	37042	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	131861	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	90963	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	215389m	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	196639	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	218954	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	6559	6.44	ng/uL	0.01
5) Phenol-d5	7.39	99	157779	42.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	83070	39.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	122070	48.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	124915	43.76	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	58480	53.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	72874	61.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	144776	53.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	147703	53.68	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	403563	51.68	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	495543	54.91	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	65336	54.84	ng/ul	0.00
58) Fluorene-d10	15.85	176	374603	52.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	75112	61.27	ng/ul	0.00
71) Anthracene-d10	17.70	188	557661	52.19	ng/ul	0.00
79) Pyrene-d10	19.97	212	610910	53.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	659500	52.33	ng/ul	0.02

Target Compounds

					Ovalue	
28) Naphthalene	11.13	128	15477	2.072	ng/ul#	95
34) 2-Methylnaphthalene	12.72	142	7473	1.350	ng/ul	86
45) Dimethylphthalate	14.30	163	9680	1.215	ng/ul#	97
50) Acenaphthene	14.93	153	12968	2.204	ng/ul	90
54) Dibenzofuran	15.26	168	14721	1.703	ng/ul	90
59) Fluorene	15.91	166	14821	2.036	ng/ul#	79
70) Phenanthrene	17.64	178	241478m	20.761	ng/ul	
72) Anthracene	17.73	178	46327	3.955	ng/ul	97
75) Carbazole	17.99	167	19535	2.067	ng/ul	95
77) Fluoranthene	19.63	202	398643	27.138	ng/ul	99
80) Pyrene	20.00	202	340802	24.467	ng/ul#	97
83) Benzo(a)anthracene	21.86	228	205012	14.653	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.74	149	19744	2.895	ng/ul	94
85) Chrysene	21.93	228	182007	13.670	ng/ul	98
88) Benzo(b)fluoranthene	24.20	252	237288	15.349	ng/ul	97
89) Benzo(k)fluoranthene	24.25	252	101356m	6.653	ng/ul	
91) Benzo(a)pyrene	25.12	252	167936	12.186	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	29.14	276	120736m	7.202	ng/ul	
93) Dibenzo(a,h)anthracene	29.21	278	36972m	2.690	ng/ul	
94) Benzo(g,h,i)perylene	30.37	276	108886m	7.872	ng/ul	

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

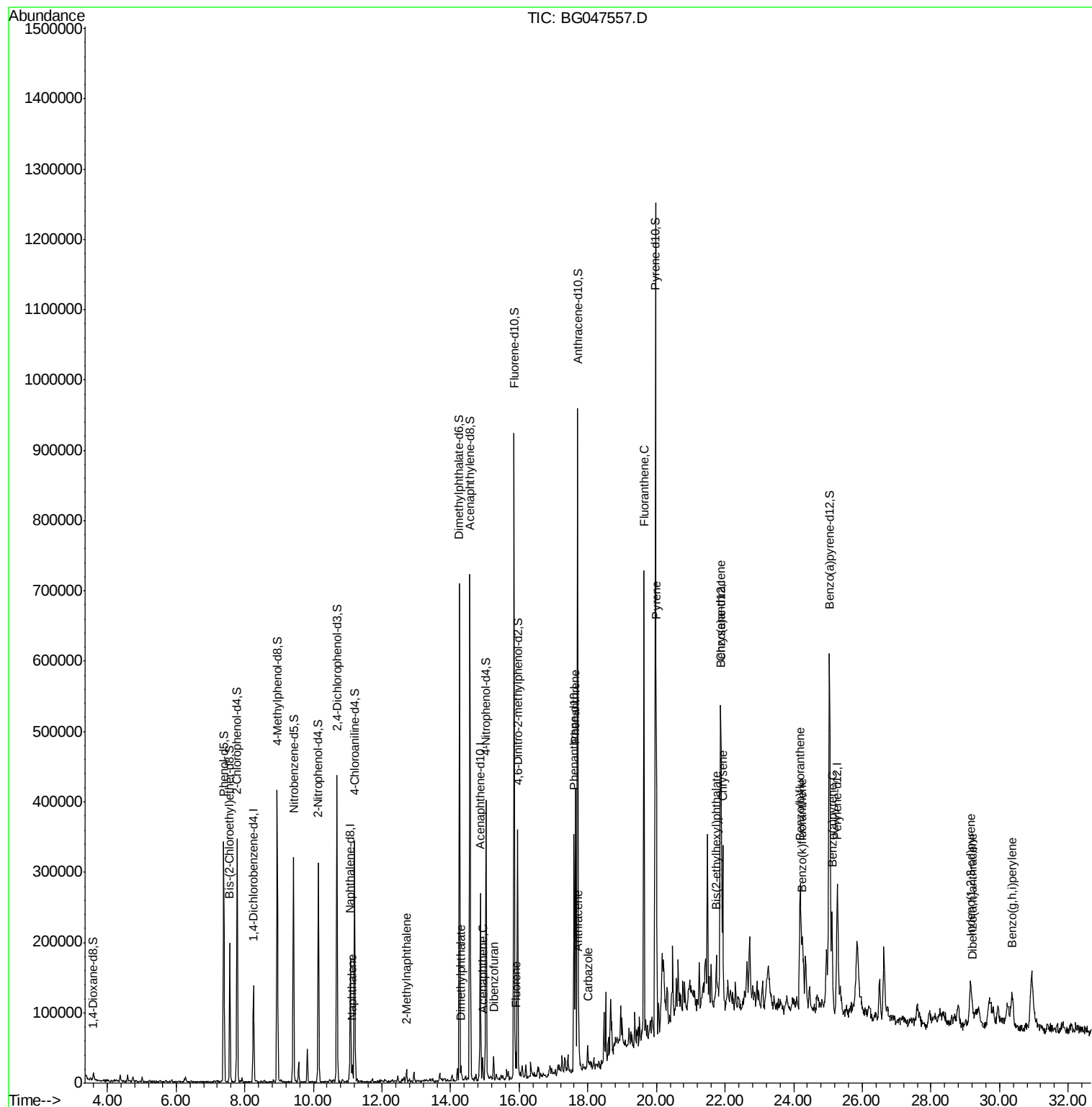
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047557.D
Acq On : 4 Dec 2020 4:11
Operator : CG/JU
Sample : L4855-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

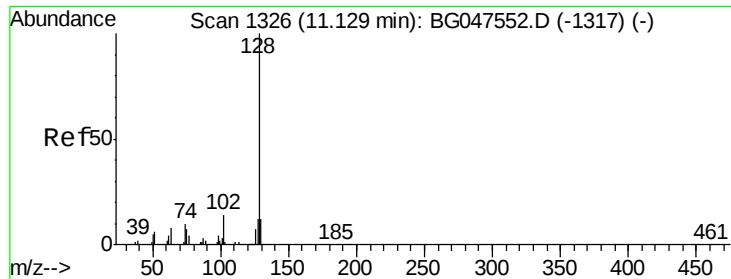
Instrument :
BNA_G
ClientSampleId :
CB7Z8

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Quant Time: Dec 04 04:59:01 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





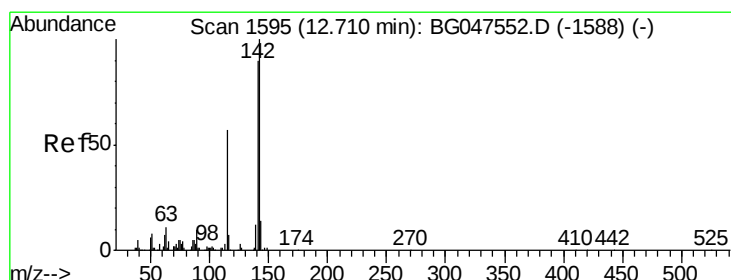
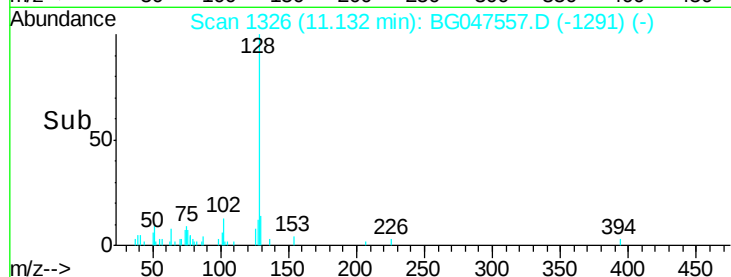
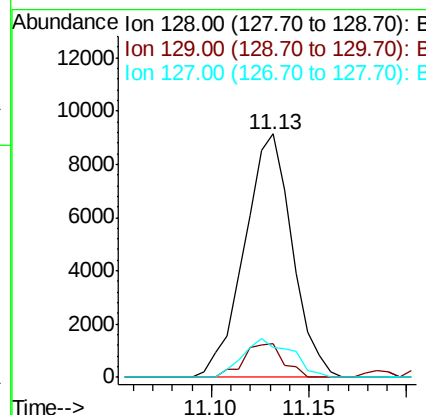
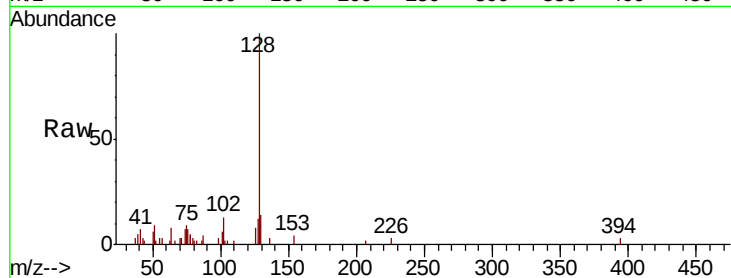
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Naphthalene
Concen: 2.072 ng/ul
RT: 11.13 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG047557.D
Acq: 4 Dec 2020 4:11

Instrument :
BNA_G
ClientSampleId :
CB7Z8

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.6	8.6	13.0#
127	12.1	10.7	16.1

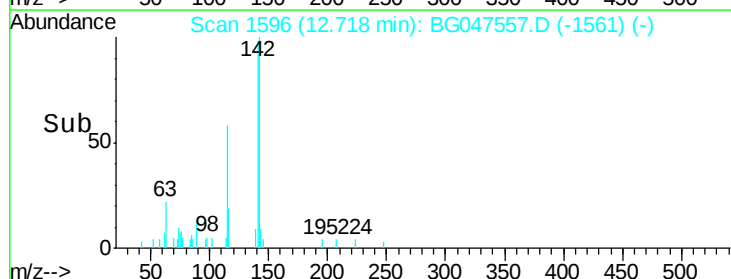
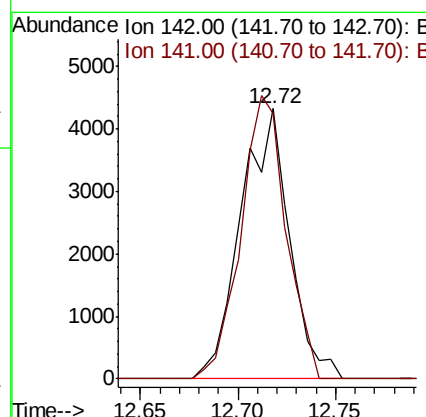
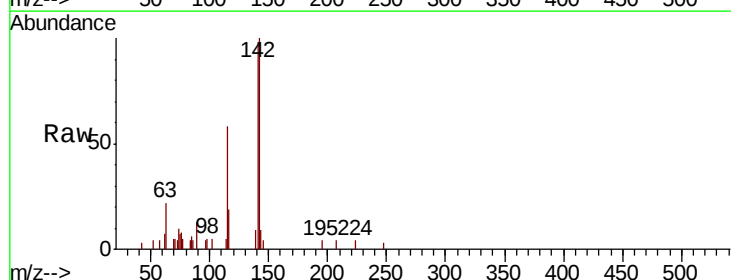
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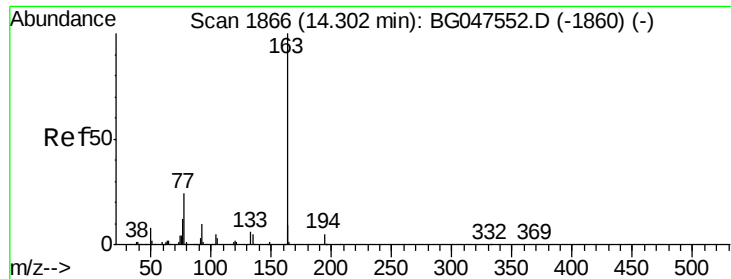
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#34
2-Methylnaphthalene
Concen: 1.350 ng/ul
RT: 12.72 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BG047557.D
Acq: 4 Dec 2020 4:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.4	68.7	103.1





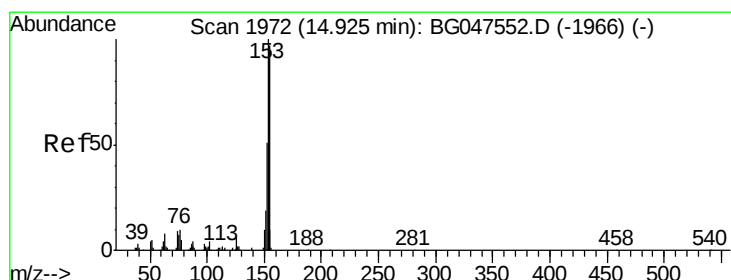
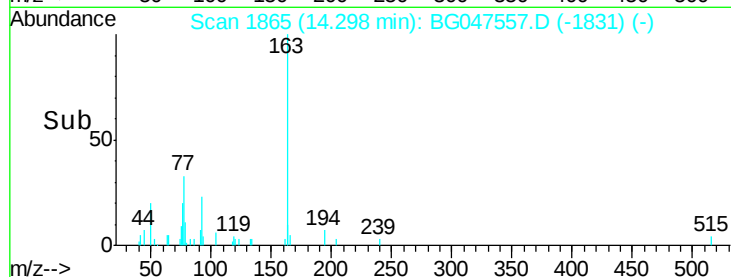
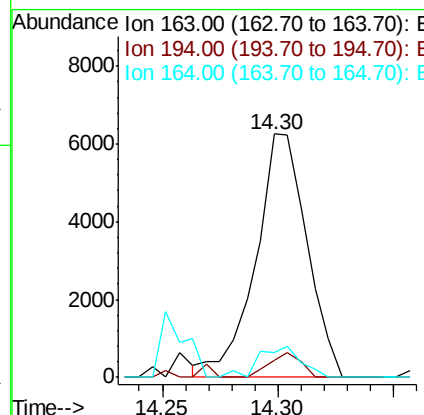
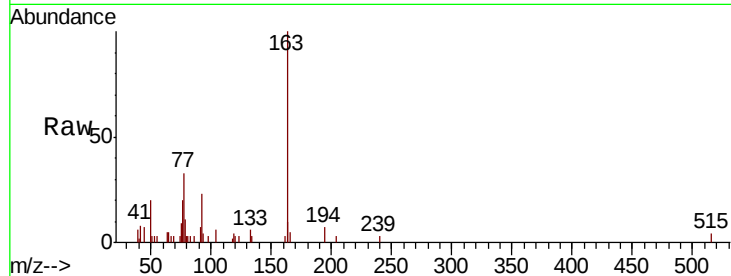
#45
Dimethylphthalate
Concen: 1.215 ng/ul
RT: 14.30 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BG047557.D
Acq: 4 Dec 2020 4:11

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	7.0	3.6	5.4#
164	10.3	8.0	12.0

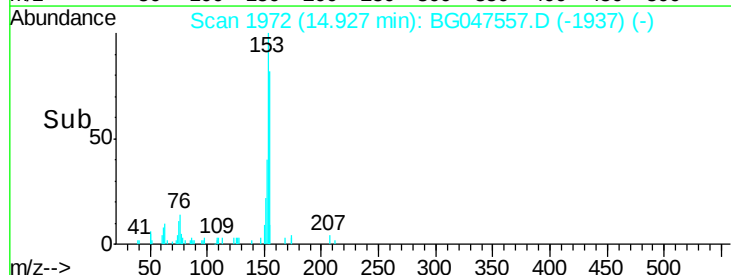
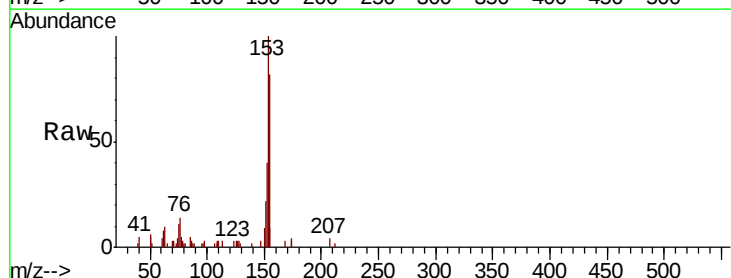
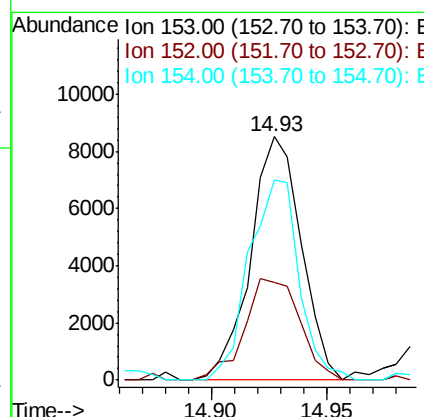
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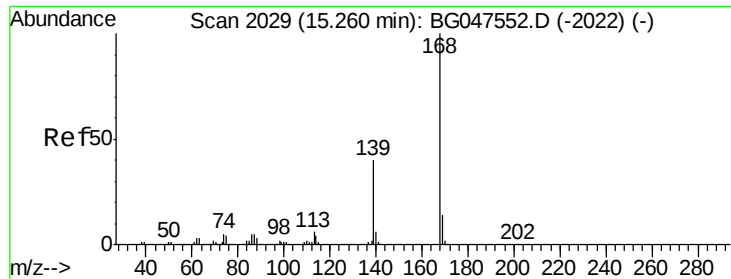
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#50
Acenaphthene
Concen: 2.204 ng/ul
RT: 14.93 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG047557.D
Acq: 4 Dec 2020 4:11

Tgt Ion	Ratio	Lower	Upper
153	100		
152	40.3	37.4	56.0
154	82.2	73.0	109.6





#54

Dibenzenofuran

Concen: 1.703 ng/ul

RT: 15.26 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BG047557.D

Acq: 4 Dec 2020 4:11

Instrument :

BNA_G

ClientSampled :

CB7Z8

Tot Ion:168 Resp: 14721

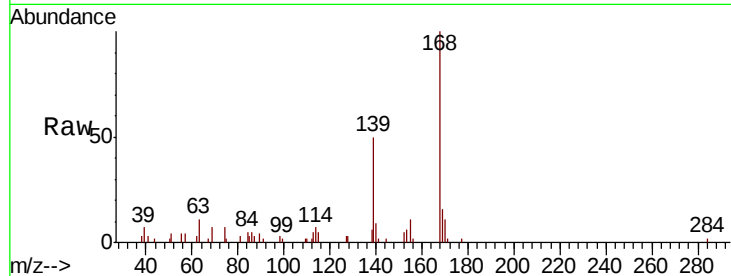
Ion Ratio Lower Upper

168 100

139 49.7 34.6 51.8

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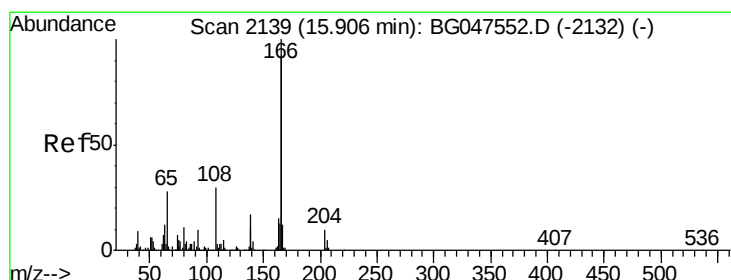
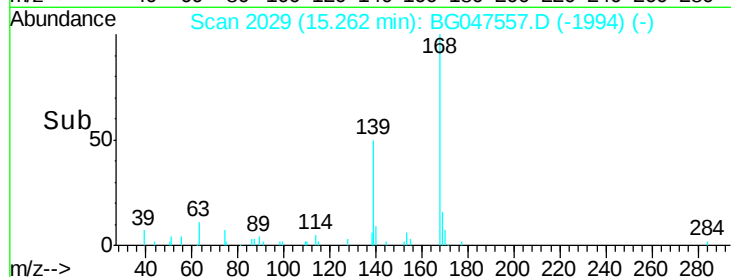


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.26

Time-->



#59

Fluorene

Concen: 2.036 ng/ul

RT: 15.91 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BG047557.D

Acq: 4 Dec 2020 4:11

Tgt Ion:166 Resp: 14821

Ion Ratio Lower Upper

166 100

165 119.4 77.2 115.8#

167 14.8 10.3 15.5

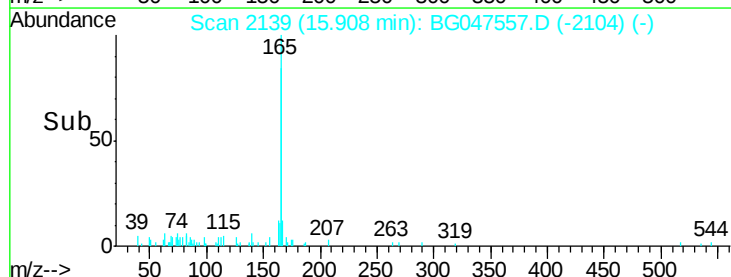
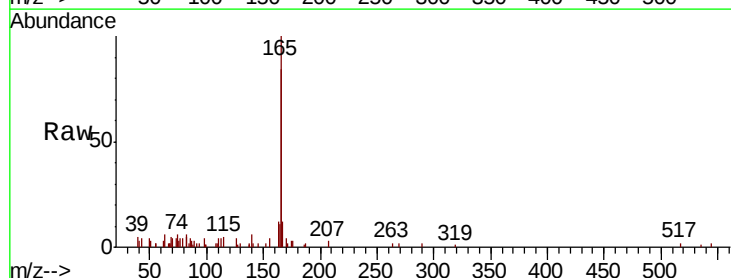
Abundance Ion 166.00 (165.70 to 166.70): E

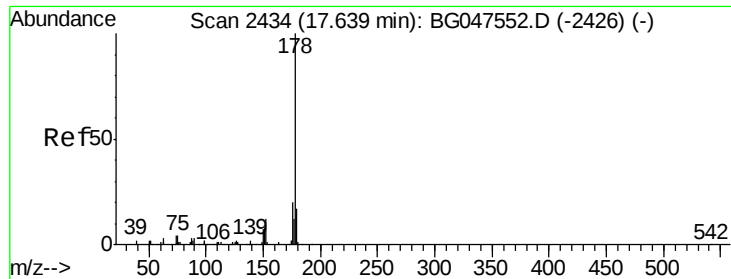
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.91

Time-->





#70

Phenanthrene

Concen: 20.761 ng/ul

RT: 17.64 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG047557.D

Acq: 4 Dec 2020 4:11

Instrument :

BNA_G

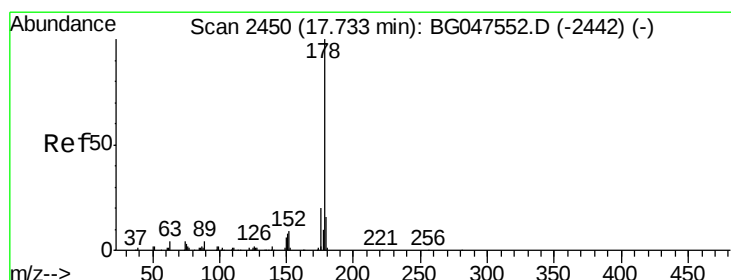
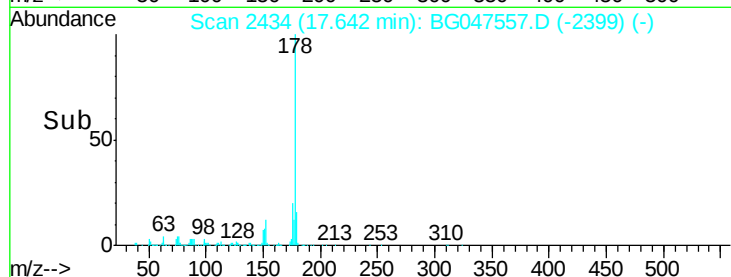
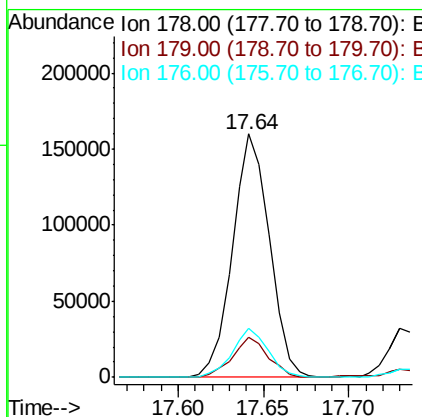
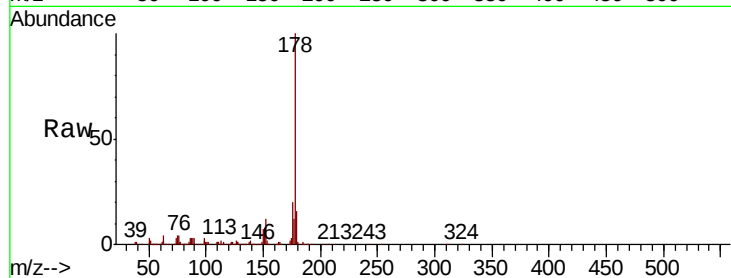
ClientSampleId :

CB7Z8

Tot Ion:178	Resp:	241478
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.3 18.5
176	20.3	15.0 22.4

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#72

Anthracene

Concen: 3.955 ng/ul

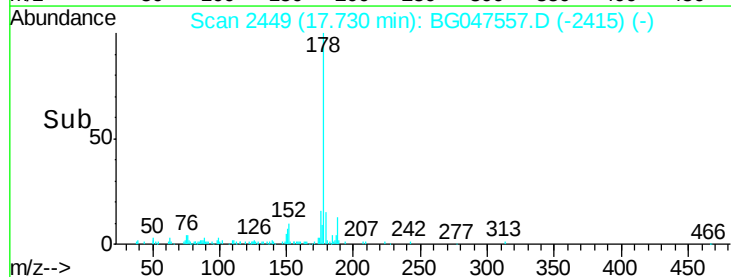
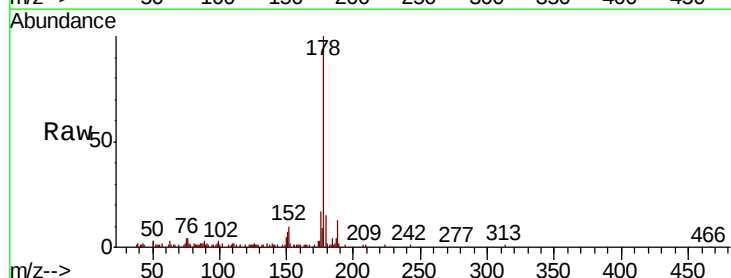
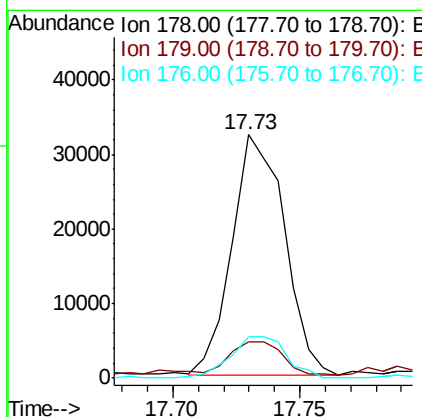
RT: 17.73 min Scan# 2449

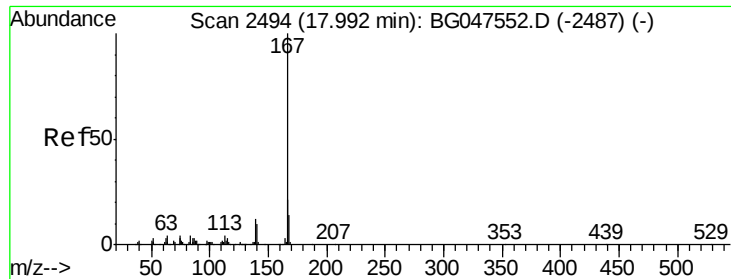
Delta R.T. -0.00 min

Lab File: BG047557.D

Acq: 4 Dec 2020 4:11

Tgt Ion:178	Resp:	46327
Ion Ratio	Lower	Upper
178	100	
179	15.1	12.4 18.6
176	16.9	15.3 22.9





#75

Carbazole

Concen: 2.067 ng/ul

RT: 17.99 min Scan# 2494

Delta R.T. 0.00 min

Lab File: BG047557.D

Acq: 4 Dec 2020 4:11

Instrument :

BNA_G

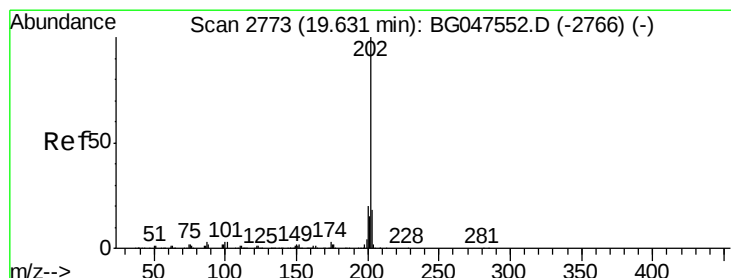
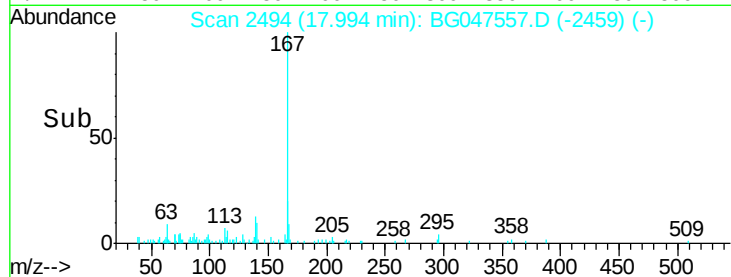
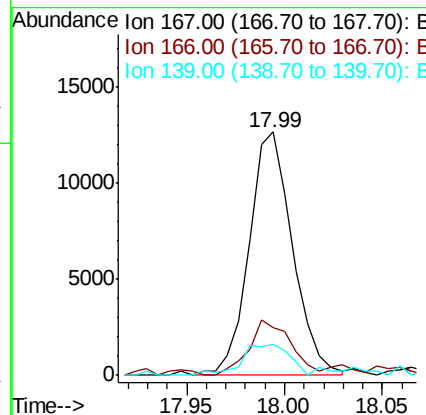
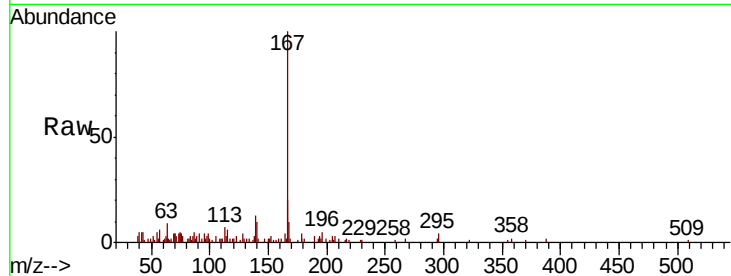
ClientSampleId :

CB7Z8

Tot Ion:	167	Resp:	19535
Ion Ratio	Lower	Upper	
167	100		
166	19.6	17.8	26.8
139	12.6	11.4	17.2

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#77

Fluoranthene

Concen: 27.138 ng/ul

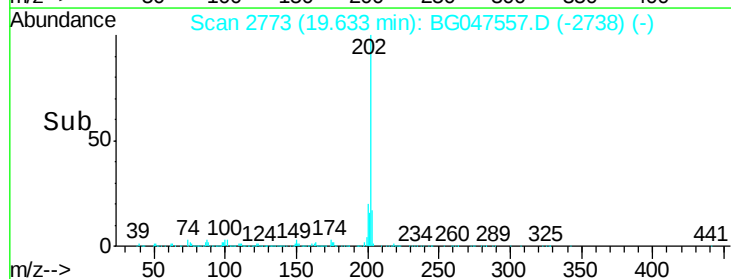
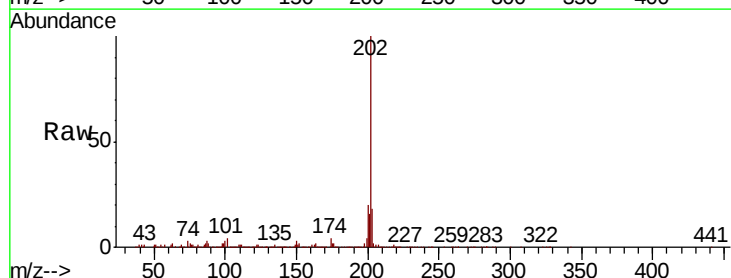
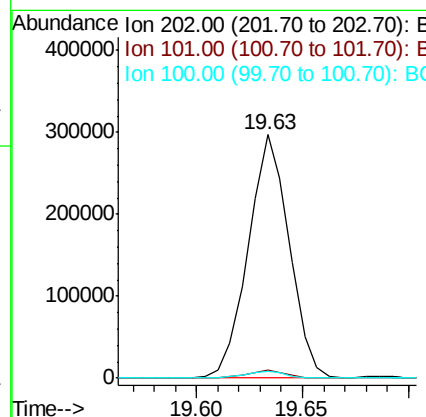
RT: 19.63 min Scan# 2773

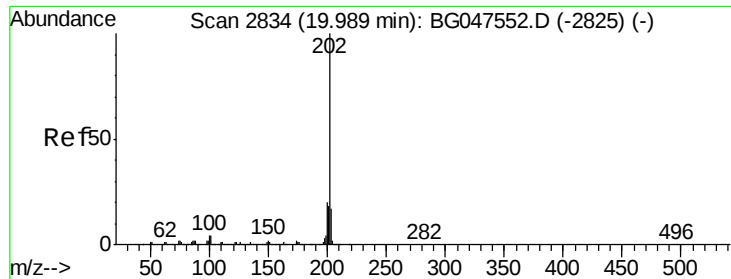
Delta R.T. 0.00 min

Lab File: BG047557.D

Acq: 4 Dec 2020 4:11

Tgt Ion:	202	Resp:	398643
Ion Ratio	Lower	Upper	
202	100		
101	3.6	2.8	4.2
100	2.8	2.6	3.8





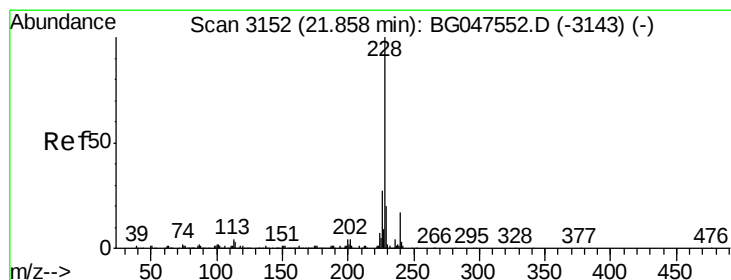
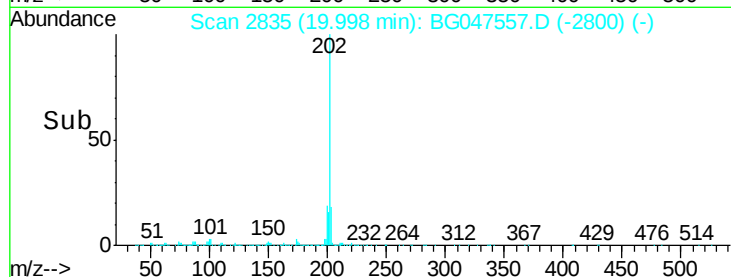
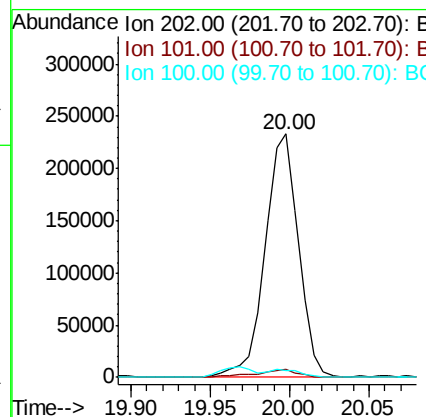
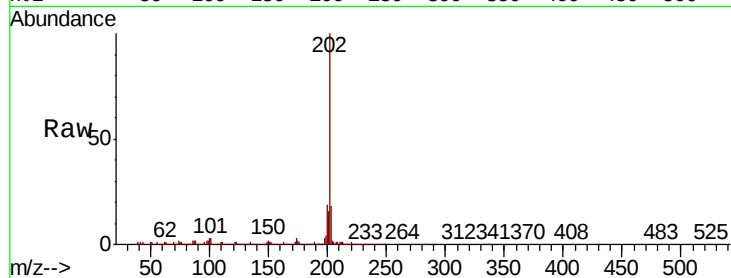
#80
 Pvrene
 Concen: 24.467 ng/ul
 RT: 20.00 min Scan# 2835
 Delta R.T. 0.00 min
 Lab File: BG047557.D
 Acq: 4 Dec 2020 4:11

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z8

Tot Ion	Ratio	Lower	Upper
202	100		
101	3.2	3.8	5.6#
100	2.8	2.2	3.4

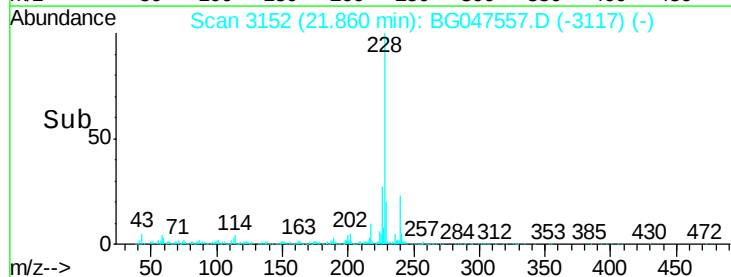
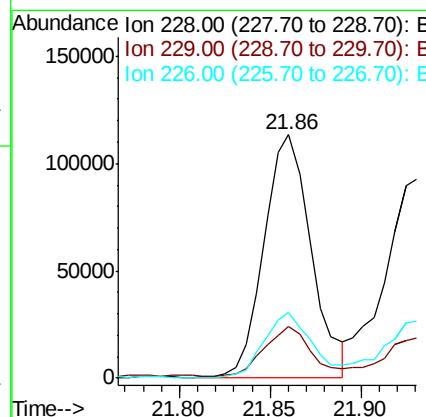
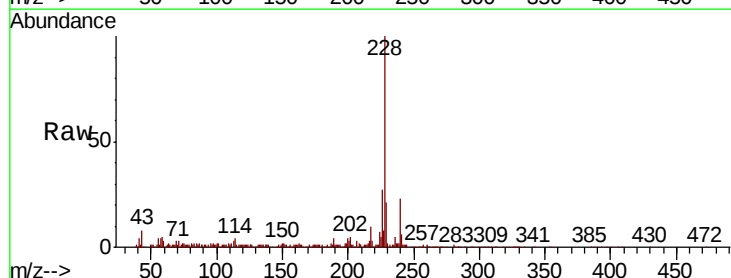
Manual Integrations
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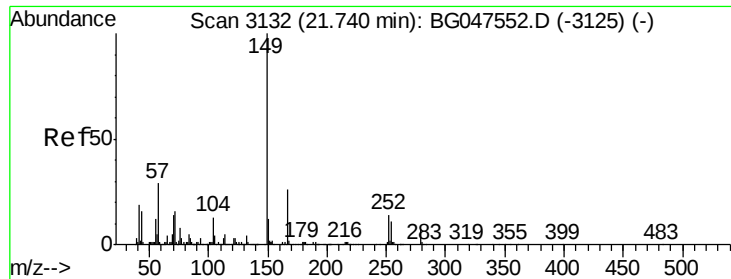
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#83
 Benzo(a)anthracene
 Concen: 14.653 ng/ul
 RT: 21.86 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG047557.D
 Acq: 4 Dec 2020 4:11

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	14.7	22.1
226	27.1	21.6	32.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.895 ng/ul

RT: 21.74 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG047557.D

Acq: 4 Dec 2020 4:11

Instrument :

BNA_G

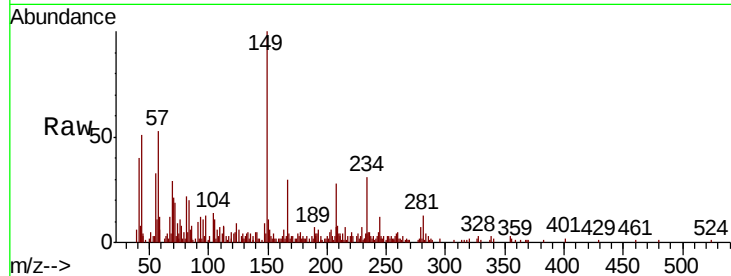
ClientSampleId :

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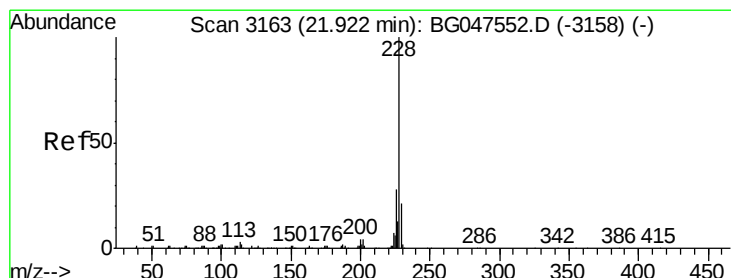
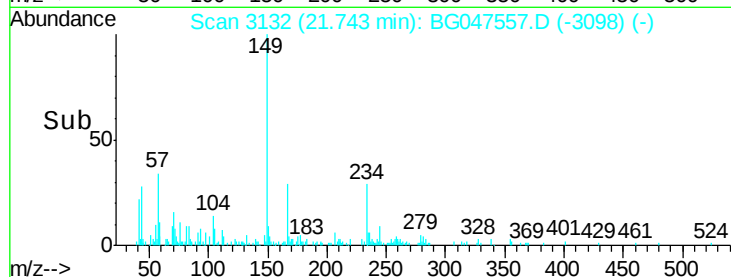
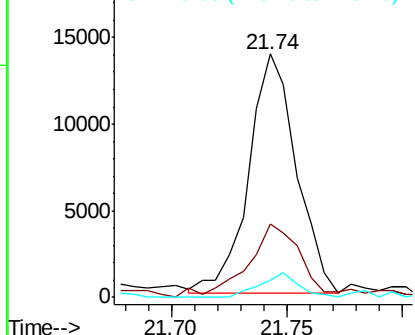
Tot Ion:	149	Resp:	19744
Ion Ratio	Lower	Upper	
149	100		
167	30.1	20.9	31.3
279	6.9	5.2	7.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 13.670 ng/ul

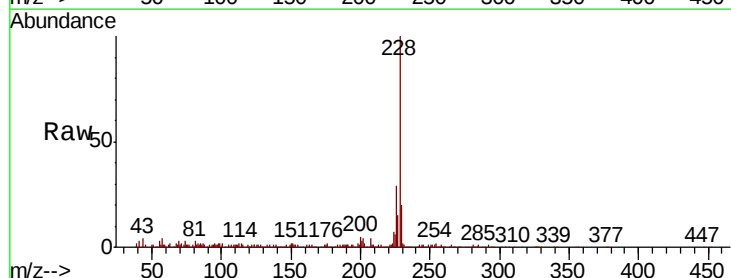
RT: 21.93 min Scan# 3164

Delta R.T. 0.00 min

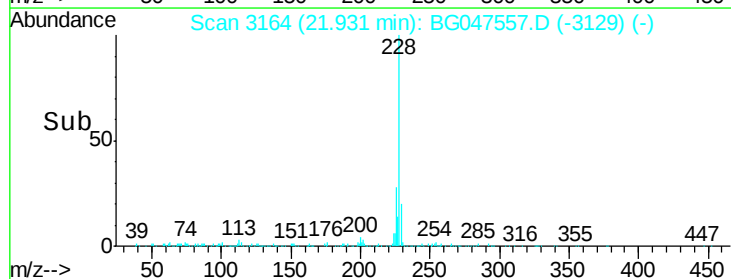
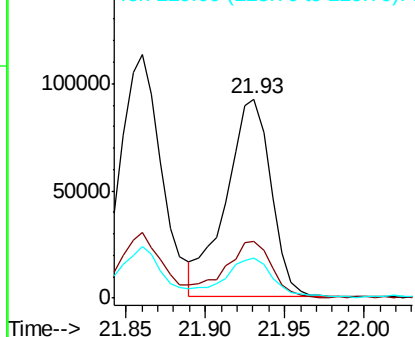
Lab File: BG047557.D

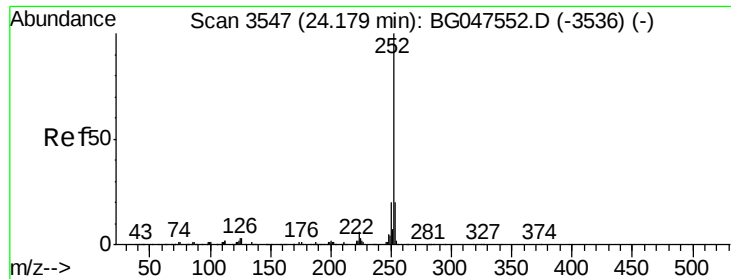
Acq: 4 Dec 2020 4:11

Tgt Ion:	228	Resp:	182007
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.8	35.6
229	20.3	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 15.349 ng/ul

RT: 24.20 min Scan# 3550

Delta R.T. 0.02 min

Lab File: BG047557.D

Acq: 4 Dec 2020 4:11

Instrument :

BNA_G

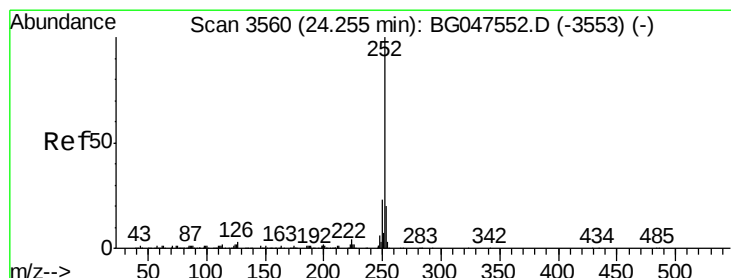
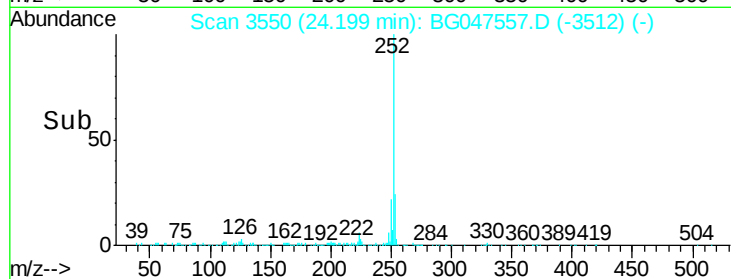
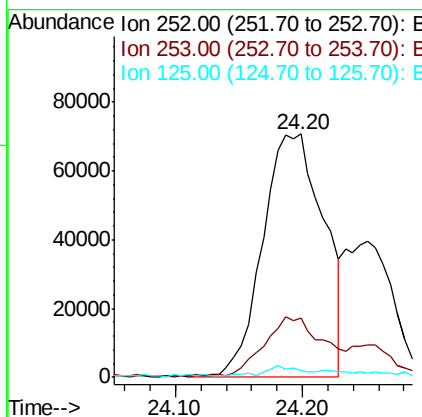
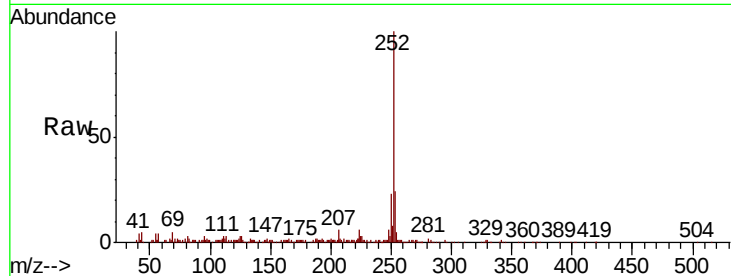
ClientSampleId :

CB7Z8

Tot Ion:	252	Resp:	237288
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.9	26.9
125	2.6	2.4	3.6

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#89

Benzo(k)fluoranthene

Concen: 6.653 ng/ul m

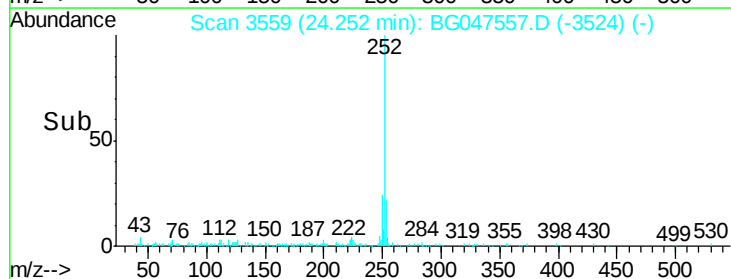
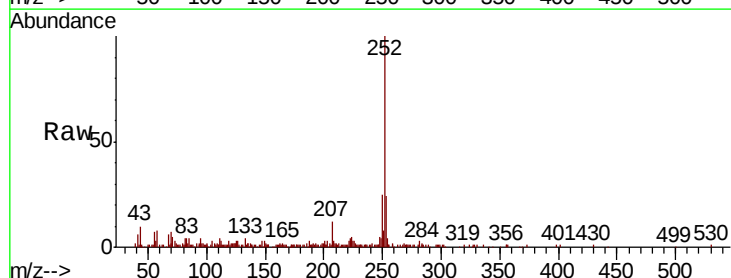
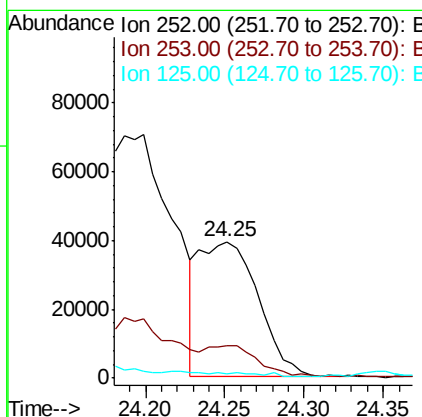
RT: 24.25 min Scan# 3559

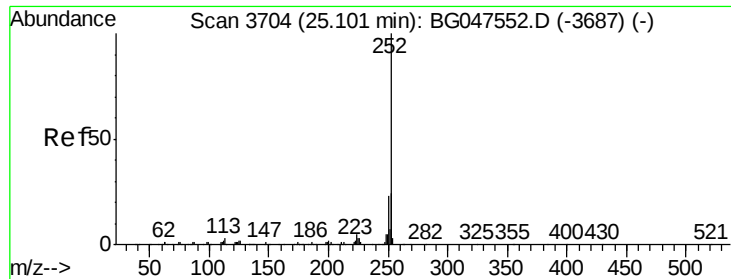
Delta R.T. 0.00 min

Lab File: BG047557.D

Acq: 4 Dec 2020 4:11

Tgt Ion:	252	Resp:	101356
Ion Ratio	Lower	Upper	
252	100		
253	23.6	19.0	28.4
125	2.7	2.2	3.4





#91

Benzo(a)pyrene

Concen: 12.186 ng/ul

RT: 25.12 min Scan# 3706

Delta R.T. 0.01 min

Lab File: BG047557.D

Acq: 4 Dec 2020 4:11

Instrument :

BNA_G

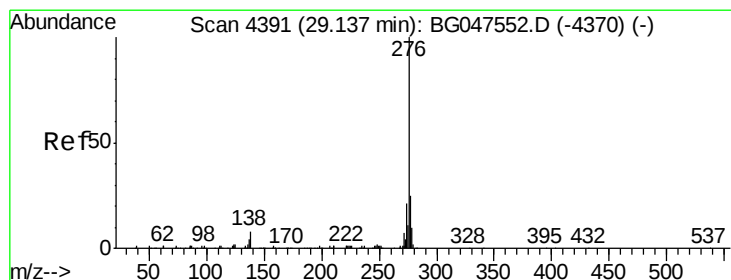
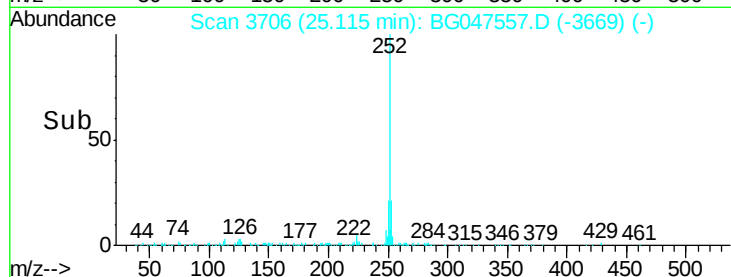
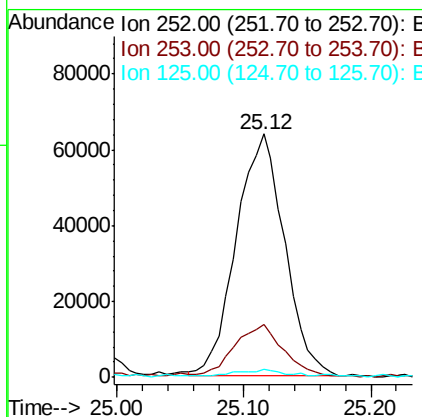
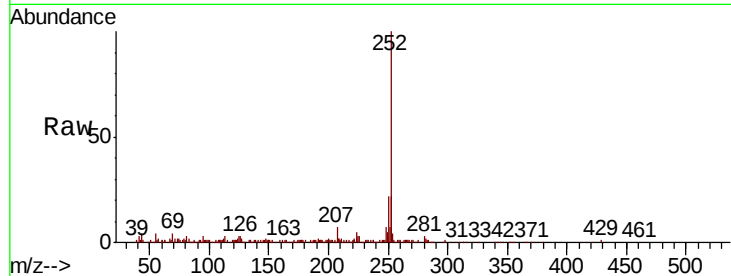
ClientSampleId :

CB7Z8

Tot Ion:	252	Resp:	167936
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.3	25.9
125	3.3	2.3	3.5

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#92

Indeno(1,2,3-cd)pyrene

Concen: 7.202 ng/ul m

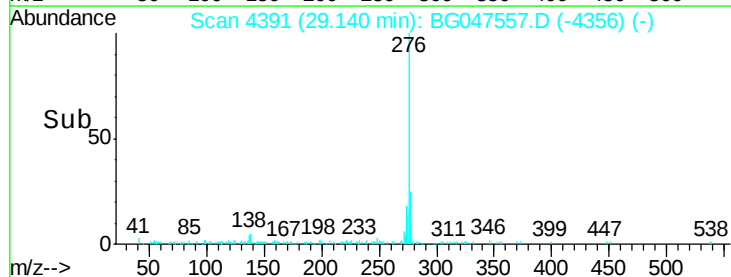
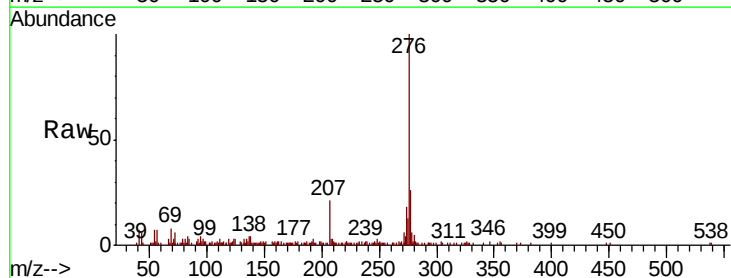
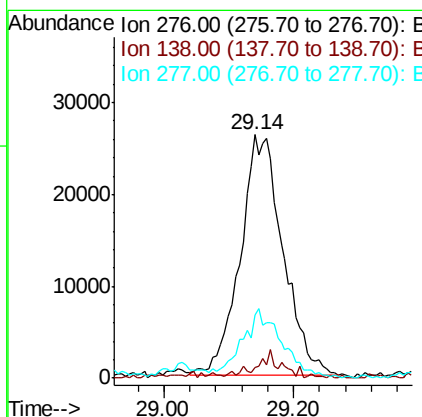
RT: 29.14 min Scan# 4391

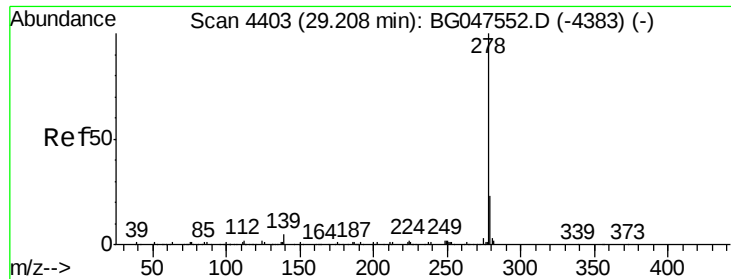
Delta R.T. 0.00 min

Lab File: BG047557.D

Acq: 4 Dec 2020 4:11

Tgt Ion:	276	Resp:	120736
Ion Ratio	Lower	Upper	
276	100		
138	4.4	3.7	5.5
277	26.2	18.2	27.4





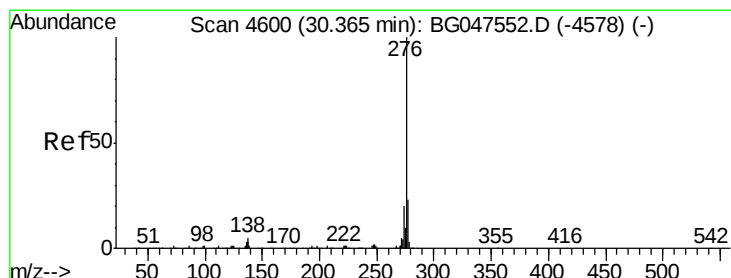
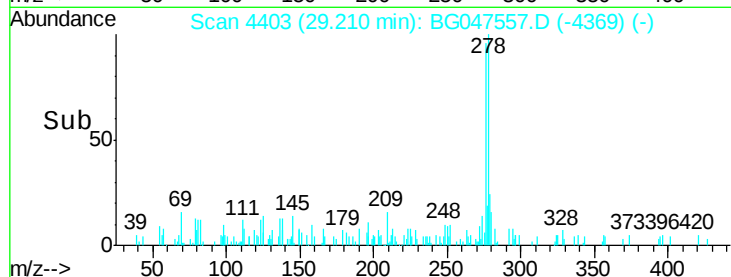
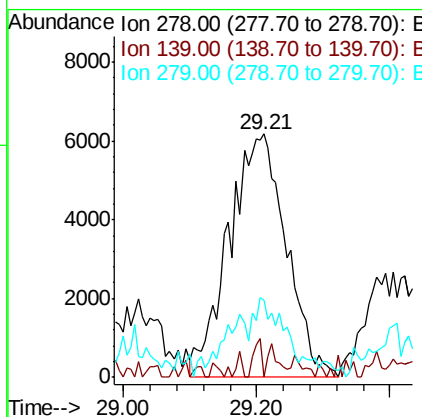
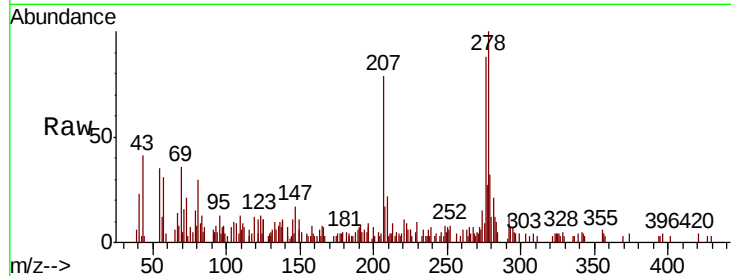
#93
Dibenzo(a,h)anthracene
Concen: 2.690 ng/ul m
RT: 29.21 min Scan# 4403
Delta R.T. -0.00 min
Lab File: BG047557.D
Acq: 4 Dec 2020 4:11

Instrument :
BNA_G
ClientSampleId :
CB7Z8

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	3.4	5.0#
279	31.8	18.0	27.0#

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#94
Benzo(g,h,i)perylene
Concen: 7.872 ng/ul m
RT: 30.37 min Scan# 4601
Delta R.T. 0.01 min
Lab File: BG047557.D
Acq: 4 Dec 2020 4:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.5	3.6	5.4#
277	24.0	17.5	26.3

