

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047643.D
 Acq On : 8 Dec 2020 9:35
 Operator : CG/JU
 Sample : L4862-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B70

Manual Integrations
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Quant Time: Dec 08 10:57:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 18:31:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	24690	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	100091	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	79273	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	180171	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	167580	20.00	ng/ul	0.00
86) Perylene-d12	25.23	264	176374	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1118	2.41	ng/uL	0.00
5) Phenol-d5	7.35	99	27123	12.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	14047	12.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	20741	12.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	19934	11.88	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	10119	12.40	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	13206	13.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	27663	12.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	4778	2.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	86868	12.62	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	104504	13.29	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	11101	10.87	ng/ul	0.00
58) Fluorene-d10	15.82	176	82864	13.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	13922	11.42	ng/ul	0.00
71) Anthracene-d10	17.67	188	130711m	14.54	ng/ul	0.00
79) Pyrene-d10	19.94	212	141934	14.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.99	264	144203	14.00	ng/ul	0.02

Target Compounds

				Ovalue	
6) Phenol	7.38	94	3582m	1.794	ng/ul
28) Naphthalene	11.09	128	9028	1.617	ng/ul# 93
34) 2-Methylnaphthalene	12.68	142	7281	1.693	ng/ul 93
45) Dimethylphthalate	14.27	163	20715	2.970	ng/ul# 93
48) Acenaphthylene	14.56	152	7664	1.051	ng/ul# 89
50) Acenaphthene	14.90	153	12009	2.329	ng/ul# 84
54) Dibenzofuran	15.23	168	21788	2.896	ng/ul 92
59) Fluorene	15.88	166	13734	2.135	ng/ul# 97
70) Phenanthrene	17.61	178	583446	59.747	ng/ul 97
72) Anthracene	17.71	178	151413	15.555	ng/ul 98
75) Carbazole	17.97	167	13100	1.688	ng/ul# 88
77) Fluoranthene	19.61	202	887622	71.437	ng/ul 99
80) Pyrene	19.97	202	726146	59.578	ng/ul# 99
83) Benzo(a)anthracene	21.83	228	503894	42.088	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.72	149	6681	1.174	ng/ul# 98
85) Chrysene	21.90	228	410753	36.351	ng/ul 98
88) Benzo(b)fluoranthene	24.15	252	466664	37.903	ng/ul 96
89) Benzo(k)fluoranthene	24.22	252	155003m	12.703	ng/ul
91) Benzo(a)pyrene	25.06	252	322647	29.060	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	29.09	276	192926	14.249	ng/ul 98
93) Dibenzo(a,h)anthracene	29.15	278	67106m	5.913	ng/ul
94) Benzo(a,h,i)perylene	30.31	276	167107m	15.033	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

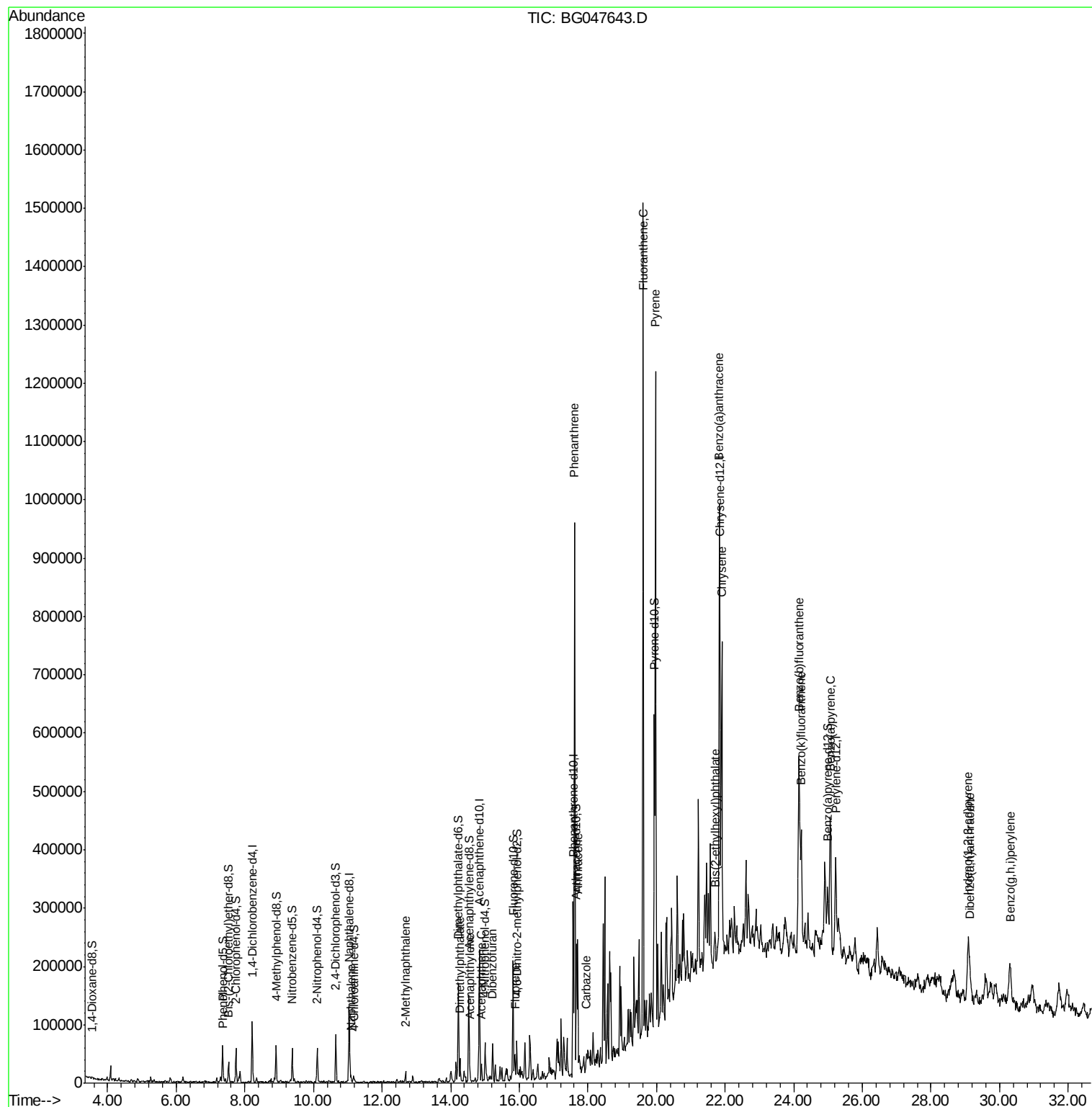
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047643.D
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Operator : CG/JU
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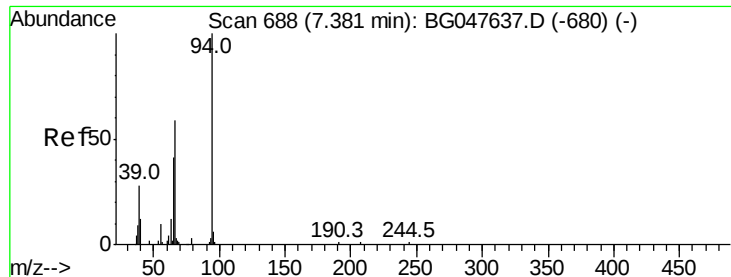
Instrument :
BNA_G
ClientSampled :
C0B70

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#6

Phenol

Concen: 1.794 ng/ul m

RT: 7.38 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG047643.D

Acq: 8 Dec 2020 9:35

Instrument :

BNA_G

ClientSampleId :

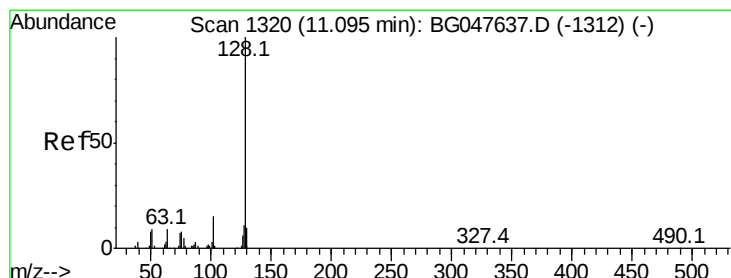
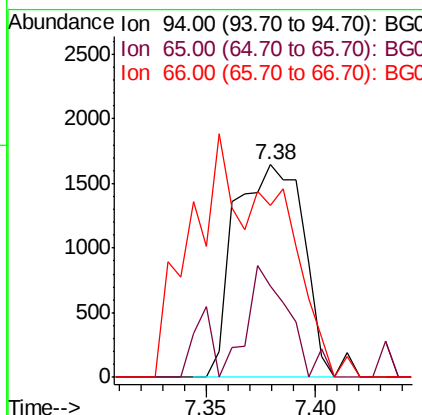
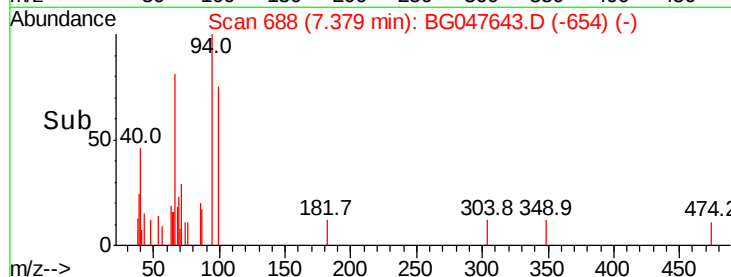
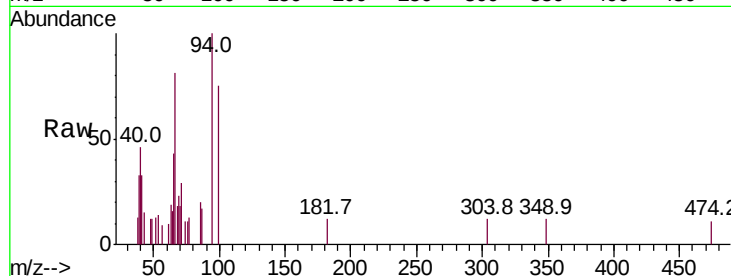
C0B70

Tot Ion: 94 Resp: 3582

Ion	Ratio	Lower	Upper
94	100		
65	43.0	35.9	53.9
66	80.9	50.1	75.1#

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#28

Naphthalene

Concen: 1.617 ng/ul

RT: 11.09 min Scan# 1320

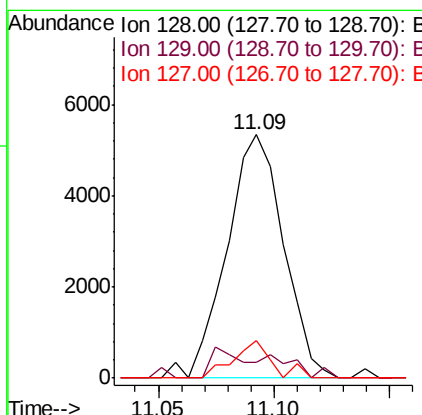
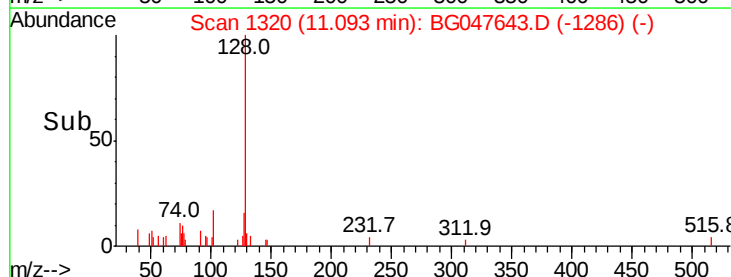
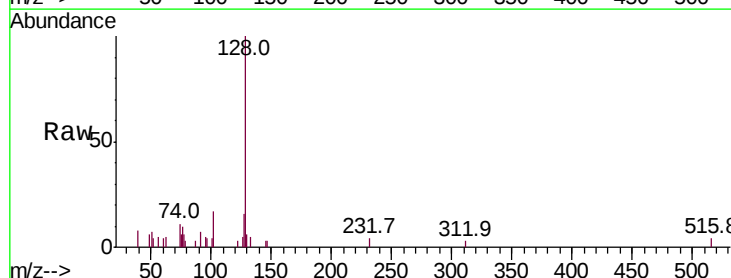
Delta R.T. -0.00 min

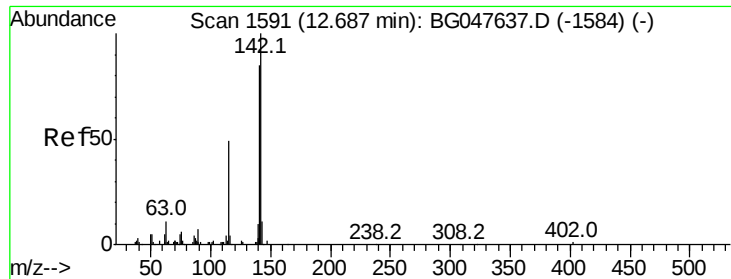
Lab File: BG047643.D

Acq: 8 Dec 2020 9:35

Tgt Ion: 128 Resp: 9028

Ion	Ratio	Lower	Upper
128	100		
129	6.3	8.6	12.8#
127	15.6	11.1	16.7





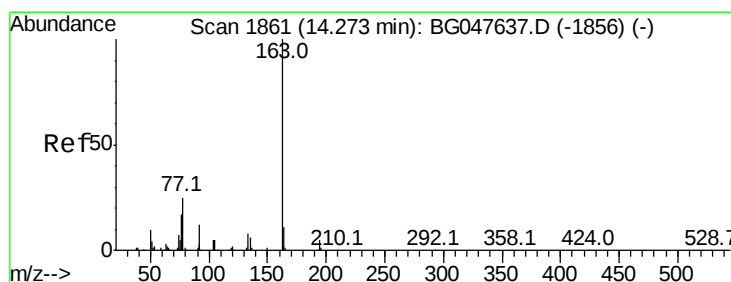
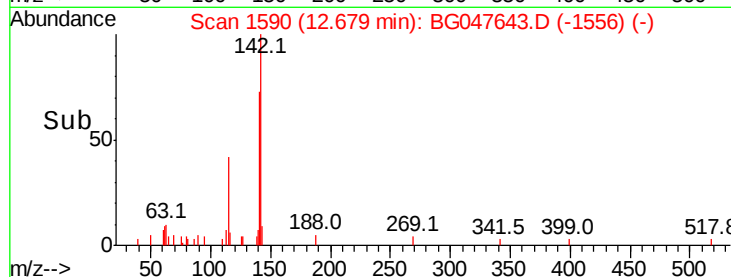
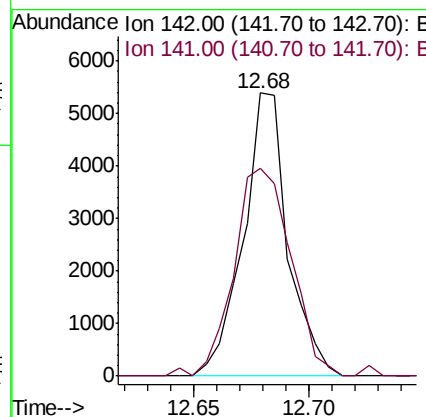
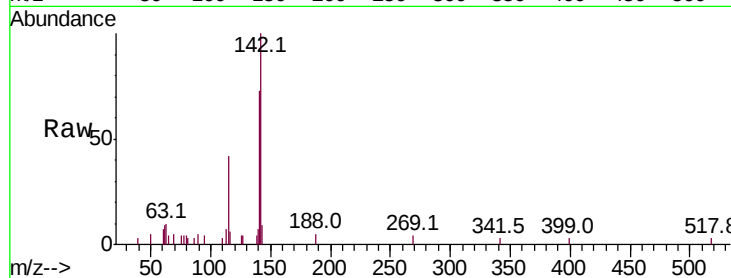
#34
2-Methylnaphthalene
Concen: 1.693 ng/ul
RT: 12.68 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BG047643.D
Acq: 8 Dec 2020 9:35

Instrument :
BNA_G
ClientSampleId :
C0B70

Tot Ion	Ratio	Lower	Upper
142	100		
141	73.3	63.4	95.2

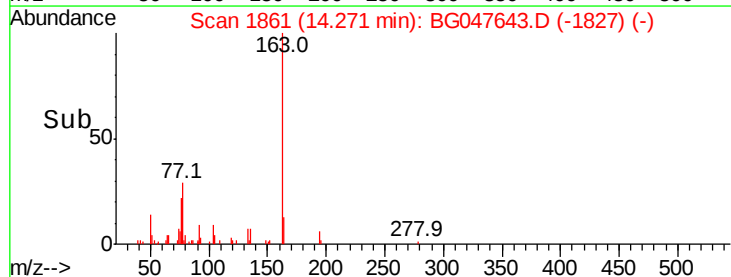
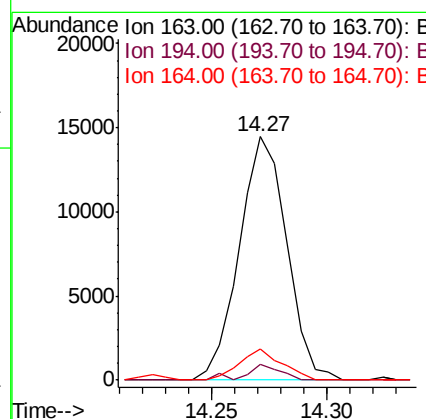
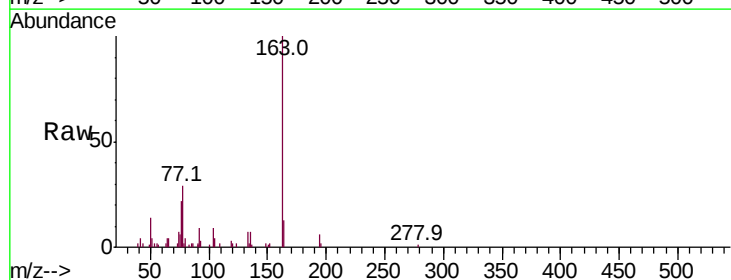
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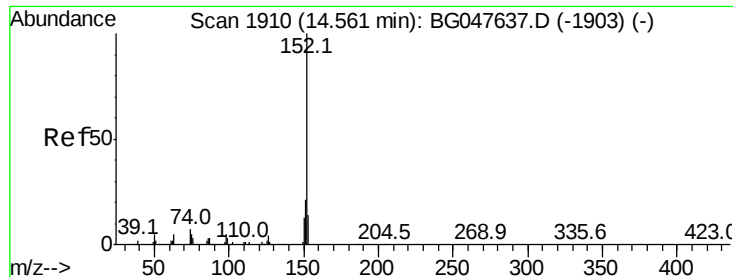
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#45
Dimethylphthalate
Concen: 2.970 ng/ul
RT: 14.27 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG047643.D
Acq: 8 Dec 2020 9:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.4	3.9	5.9#
164	12.6	7.4	11.2#





#48

Acenaphthylene

Concen: 1.051 ng/ul

RT: 14.56 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BG047643.D

Acq: 8 Dec 2020 9:35

Instrument :

BNA_G

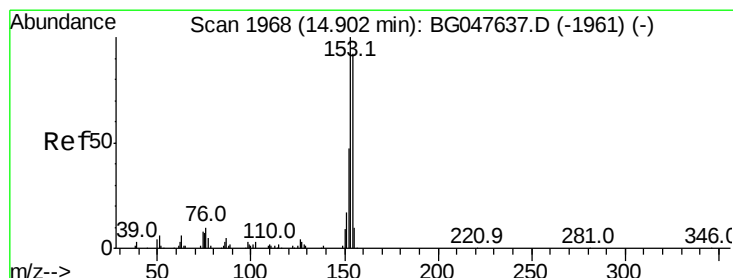
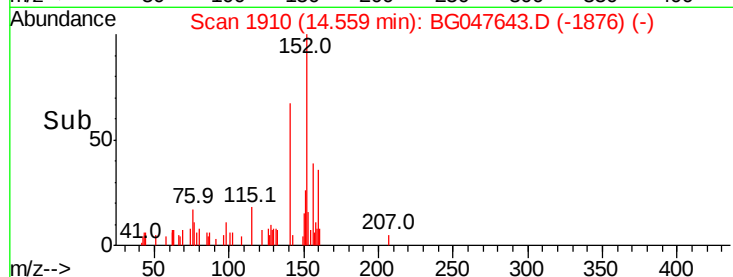
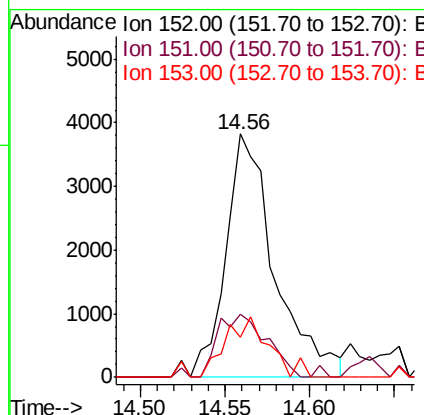
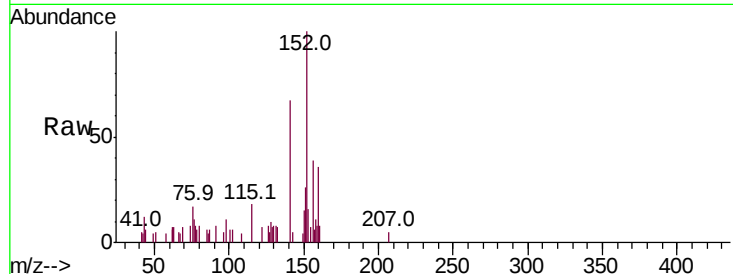
ClientSampled :

C0B70

Tot Ion:	152	Resp:	7664
Ion Ratio	Lower	Upper	
152	100		
151	26.1	17.4	26.0#
153	16.4	8.7	13.1#

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#50

Acenaphthene

Concen: 2.329 ng/ul

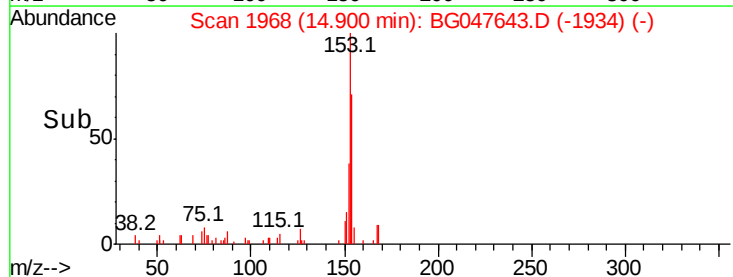
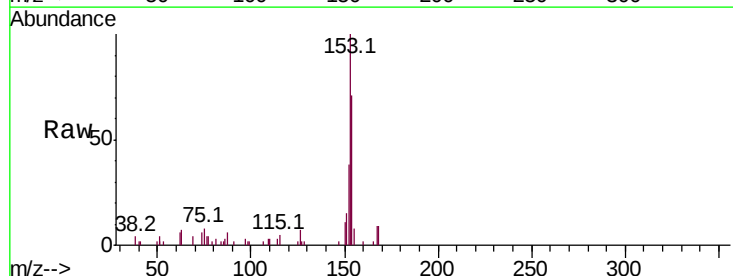
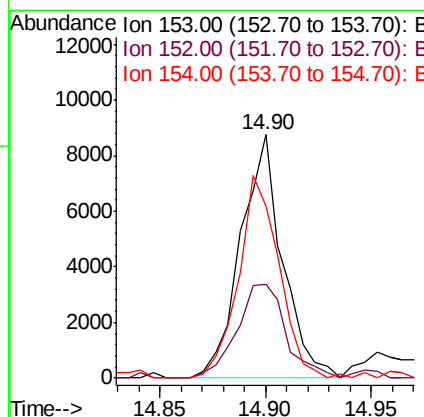
RT: 14.90 min Scan# 1968

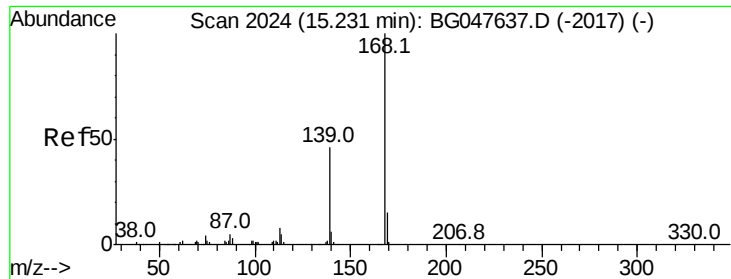
Delta R.T. -0.00 min

Lab File: BG047643.D

Acq: 8 Dec 2020 9:35

Tgt Ion:	153	Resp:	12009
Ion Ratio	Lower	Upper	
153	100		
152	38.4	39.1	58.7#
154	70.8	69.0	103.6





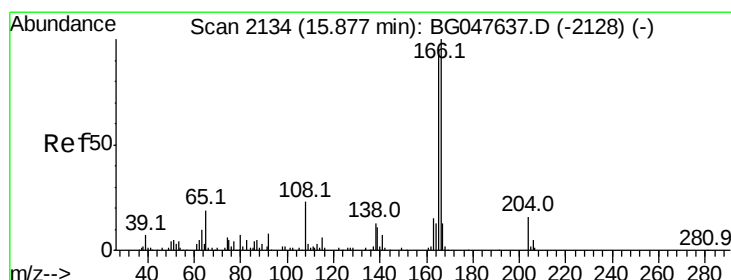
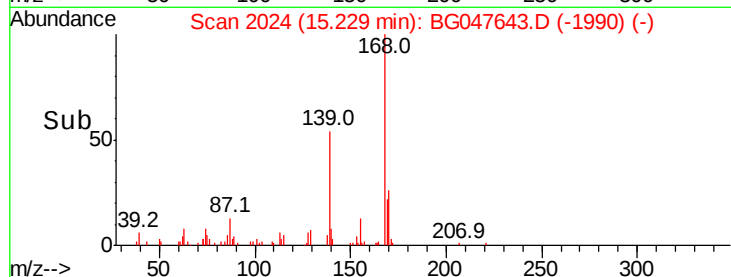
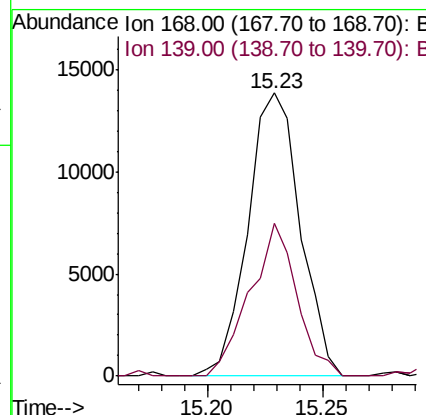
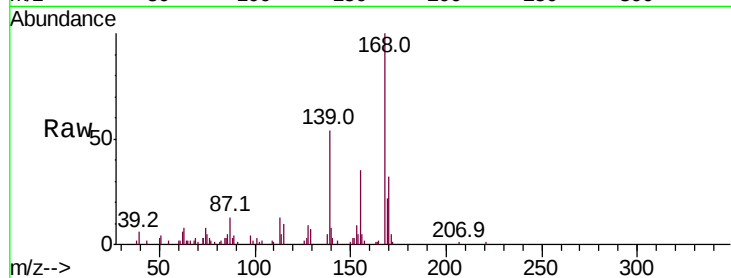
#54
Dibenzenofuran
Concen: 2.896 ng/ul
RT: 15.23 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG047643.D
Acq: 8 Dec 2020 9:35

Instrument :
BNA_G
ClientSampleId :
C0B70

Tot Ion	Ratio	Lower	Upper
168	100		
139	53.9	38.6	57.8

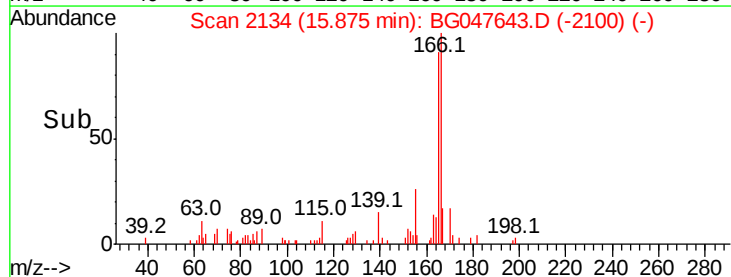
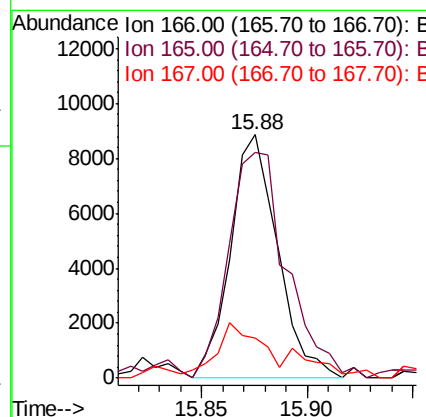
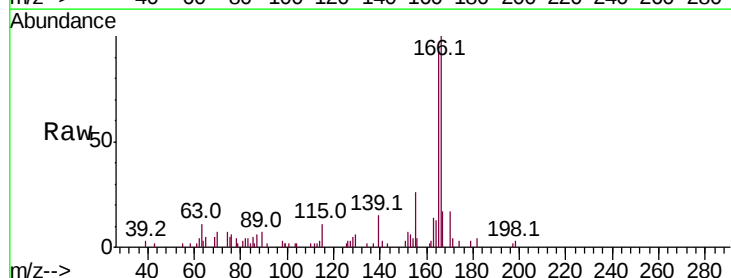
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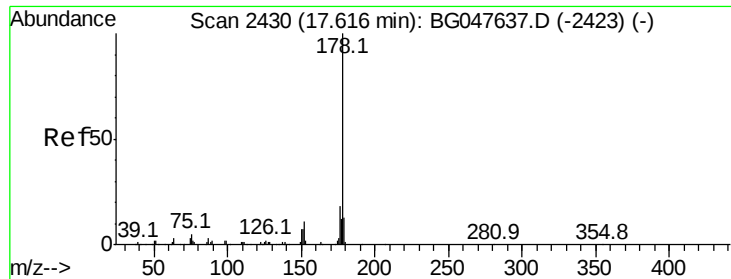
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#59
Fluorene
Concen: 2.135 ng/ul
RT: 15.88 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG047643.D
Acq: 8 Dec 2020 9:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.9	72.9	109.3
167	16.5	10.9	16.3#





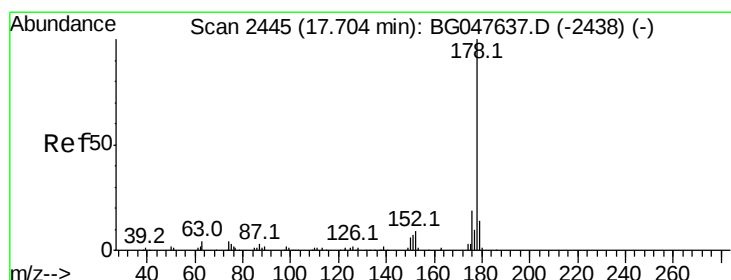
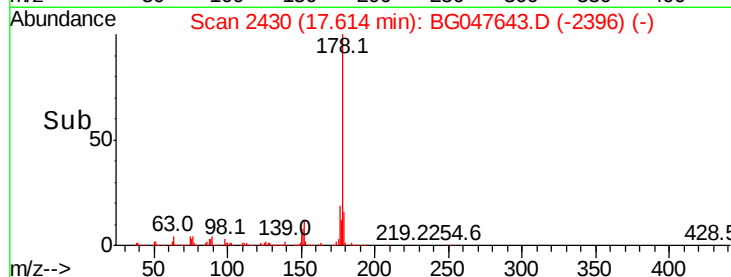
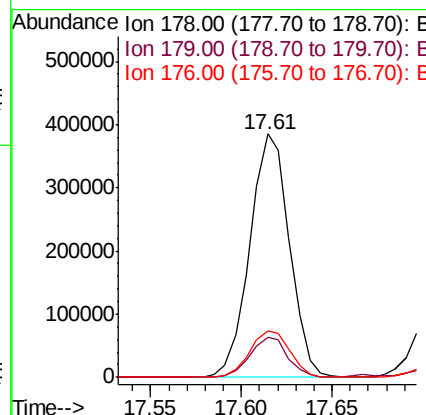
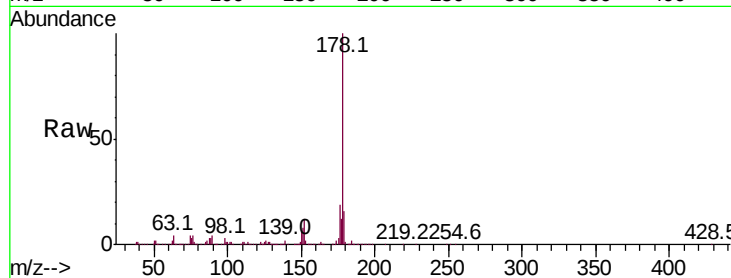
#70
Phenanthrene
Concen: 59.747 ng/ul
RT: 17.61 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG047643.D
Acq: 8 Dec 2020 9:35

Instrument :
BNA_G
ClientSampled :
C0B70

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.6	17.4
176	18.8	15.8	23.8

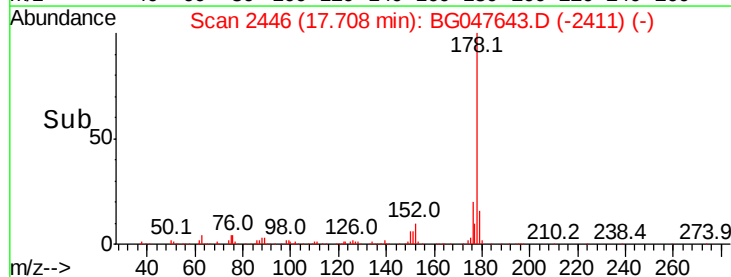
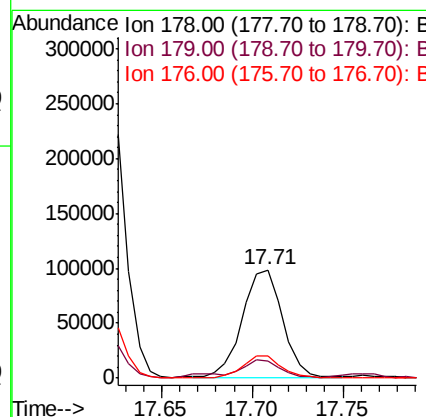
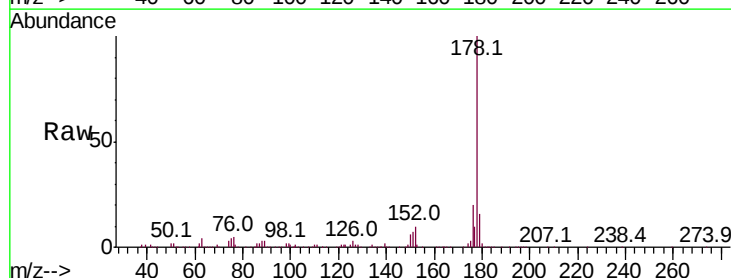
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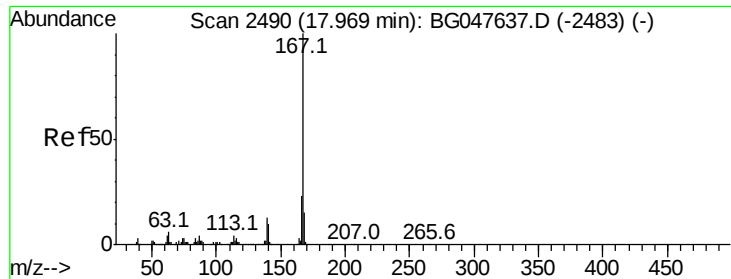
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#72
Anthracene
Concen: 15.555 ng/ul
RT: 17.71 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG047643.D
Acq: 8 Dec 2020 9:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	14.2	21.2
176	20.4	16.7	25.1





#75

Carbazole

Concen: 1.688 ng/ul

RT: 17.97 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG047643.D

Acq: 8 Dec 2020 9:35

Instrument :

BNA_G

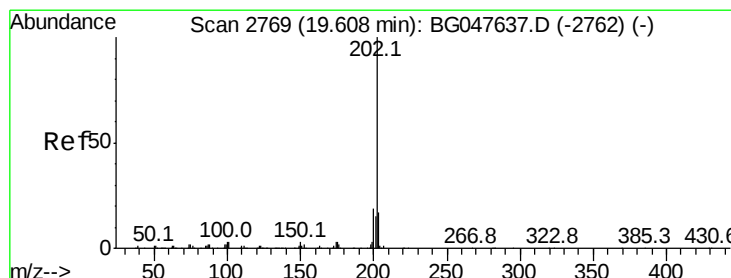
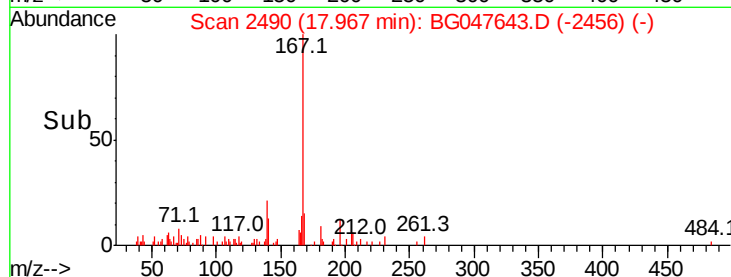
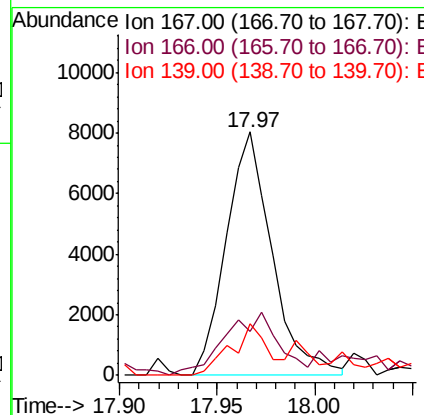
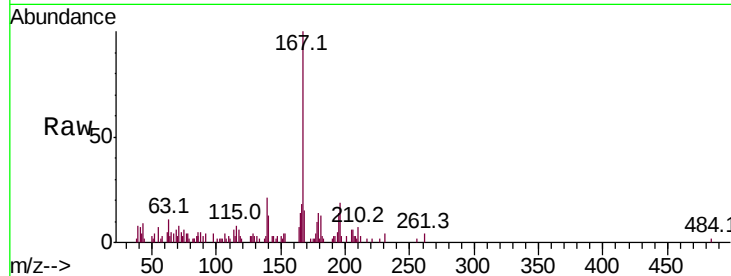
ClientSampleId :

C0B70

Tot Ion:	167	Resp:	13100
Ion Ratio	Lower	Upper	
167	100		
166	17.9	16.2	24.2
139	21.5	10.2	15.4#

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#77

Fluoranthene

Concen: 71.437 ng/ul

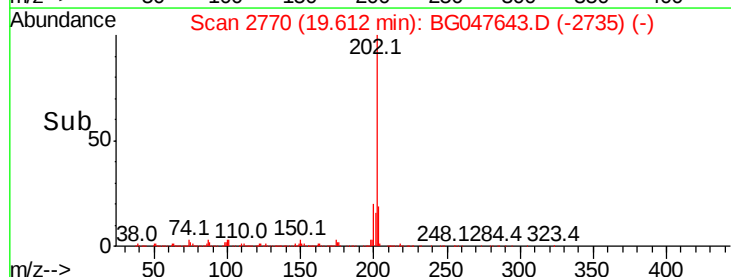
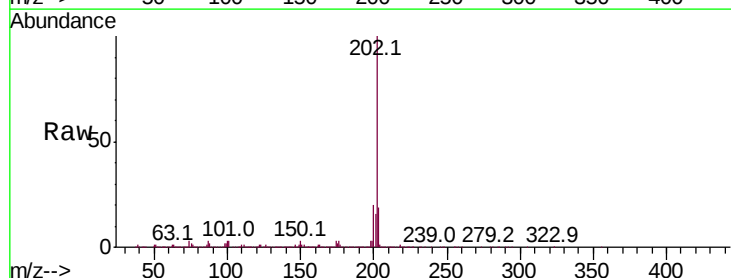
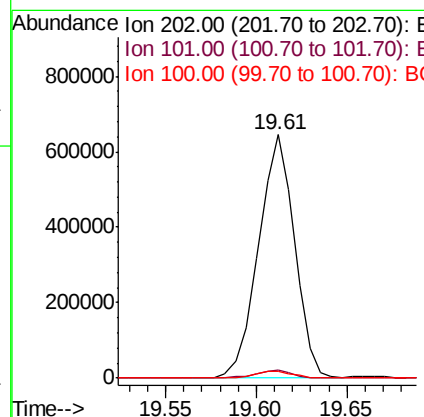
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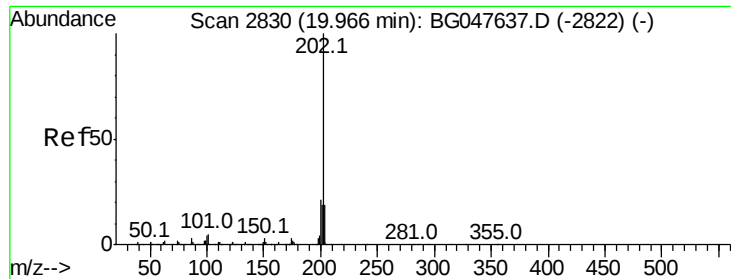
Delta R.T. 0.00 min

Lab File: BG047643.D

Acq: 8 Dec 2020 9:35

Tgt Ion:	202	Resp:	887622
Ion Ratio	Lower	Upper	
202	100		
101	3.4	2.4	3.6
100	2.7	2.6	3.8





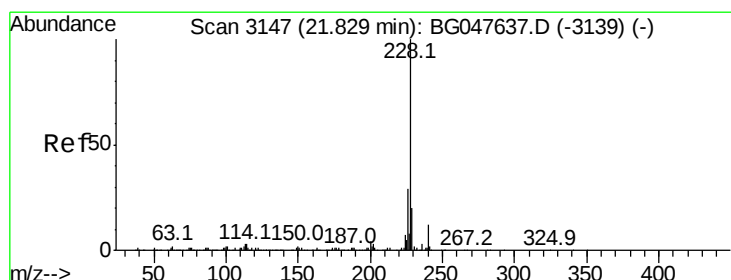
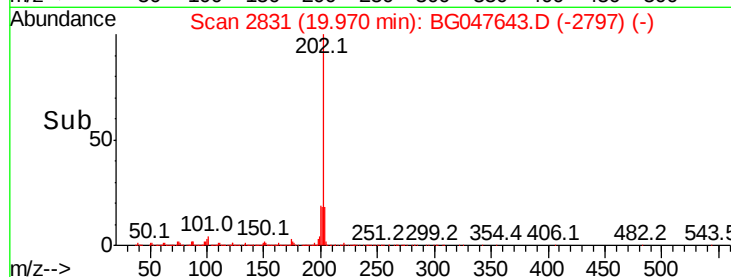
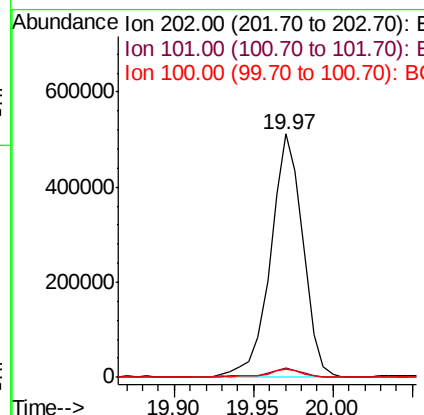
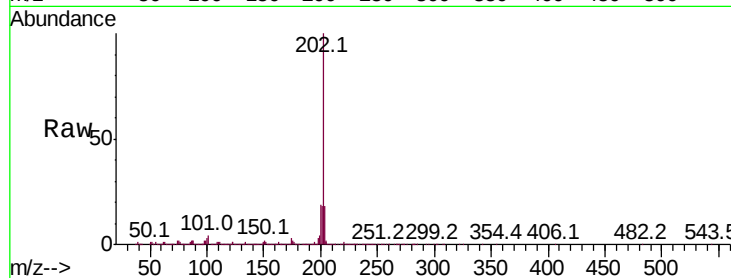
#80
Pvrene
Concen: 59.578 ng/ul
RT: 19.97 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG047643.D
Acq: 8 Dec 2020 9:35

Instrument :
BNA_G
ClientSampleId :
C0B70

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	3.7	2.5	3.7#
100	3.1	2.4	3.6

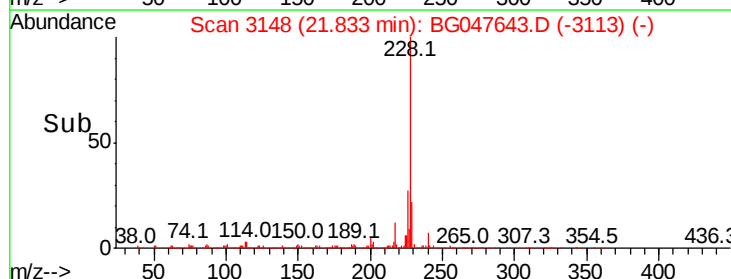
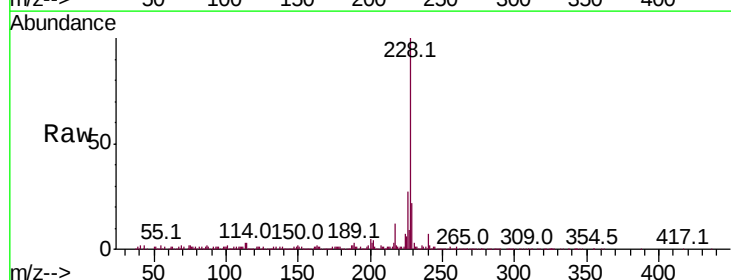
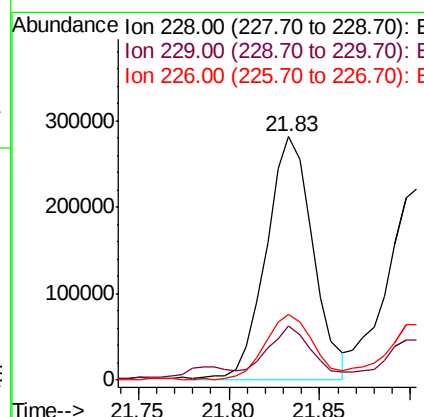
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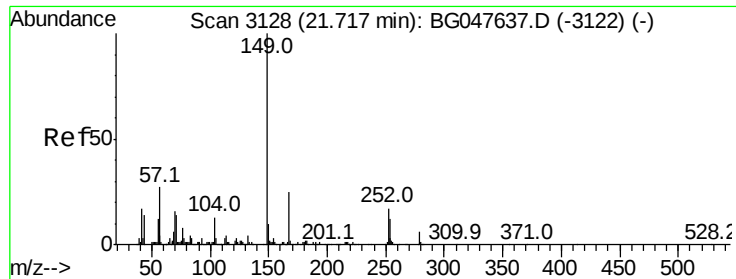
mohammad
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#83
Benzo(a)anthracene
Concen: 42.088 ng/ul
RT: 21.83 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG047643.D
Acq: 8 Dec 2020 9:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.4	16.0	24.0
226	27.2	22.4	33.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.174 ng/ul

RT: 21.72 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BG047643.D

Acq: 8 Dec 2020 9:35

Instrument :

BNA_G

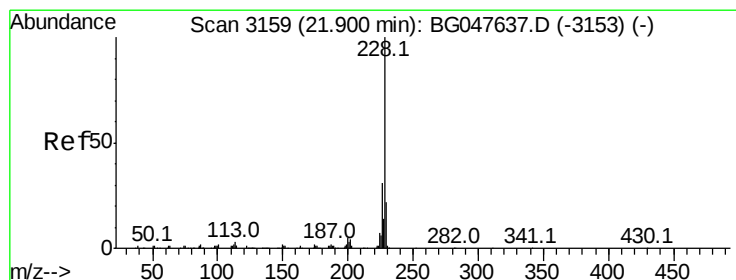
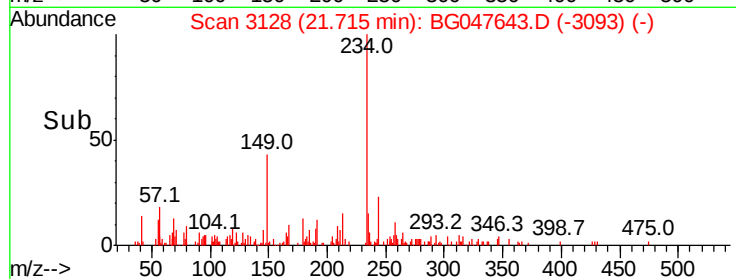
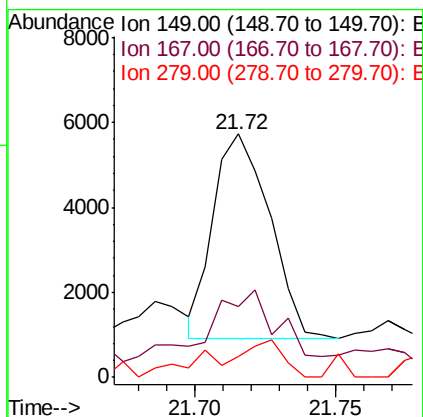
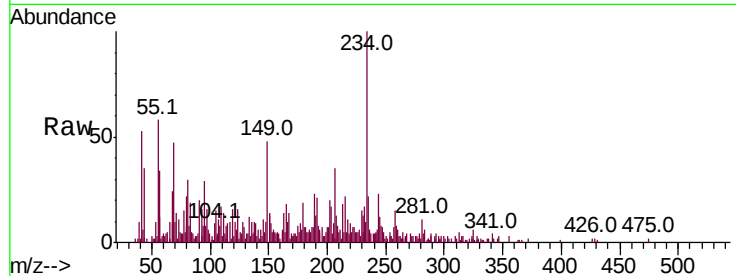
ClientSampleId :

C0B70

Tot Ion:	149	Resp:	6681
Ion Ratio	Lower	Upper	
149	100		
167	28.8	23.8	35.6
279	8.4	5.3	7.9

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#85

Chrysene

Concen: 36.351 ng/ul

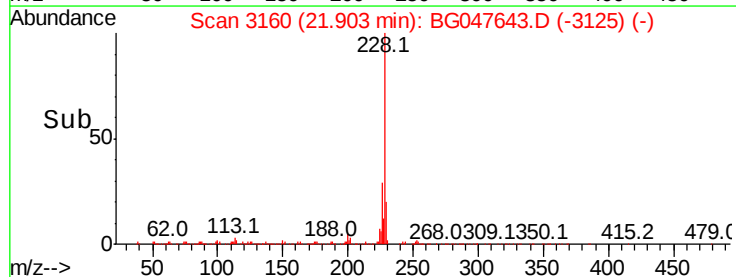
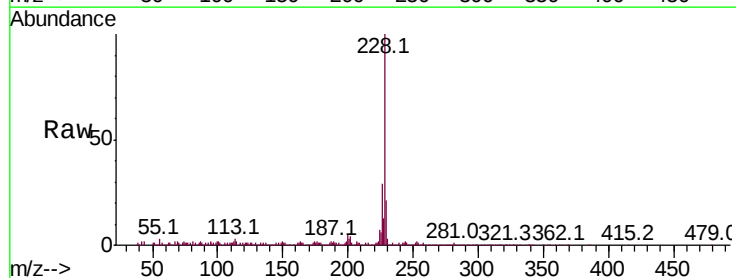
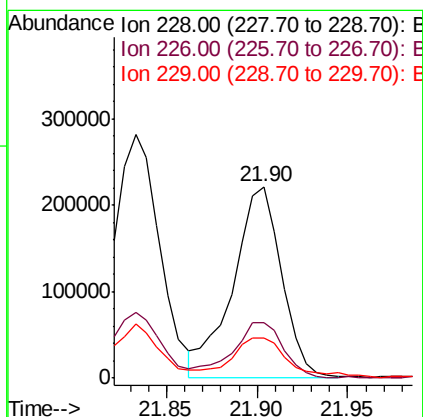
RT: 21.90 min Scan# 3160

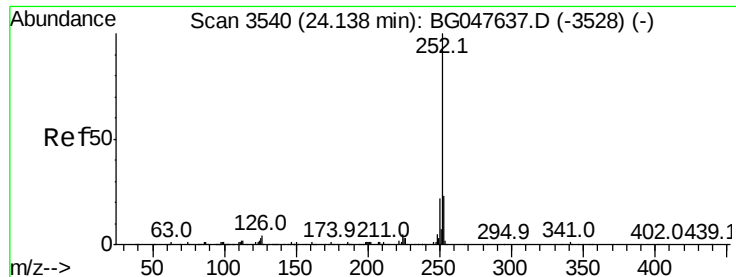
Delta R.T. 0.00 min

Lab File: BG047643.D

Acq: 8 Dec 2020 9:35

Tgt Ion:	228	Resp:	410753
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.0	34.4
229	21.0	15.8	23.8





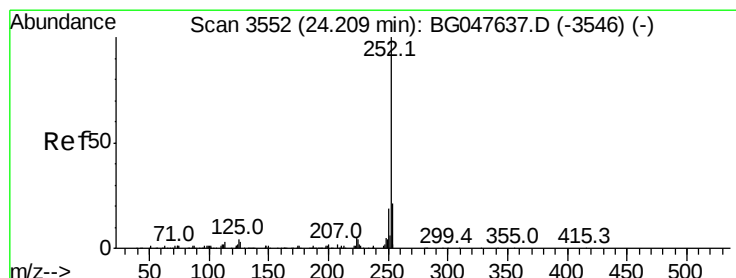
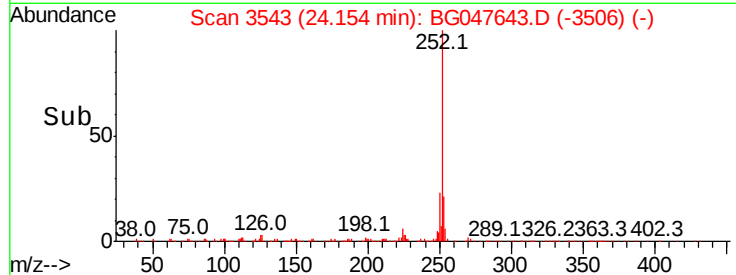
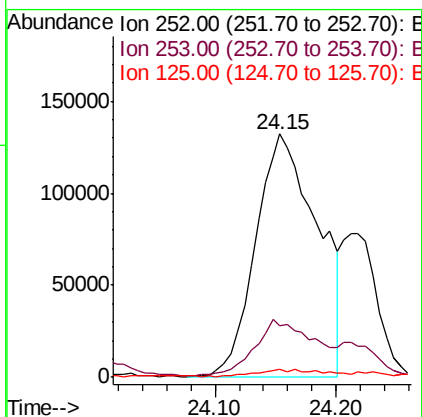
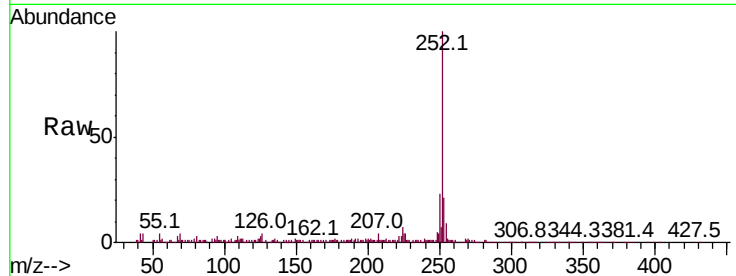
#88
Benzo(b)fluoranthene
Concen: 37.903 ng/ul
RT: 24.15 min Scan# 3543
Delta R.T. 0.02 min
Lab File: BG047643.D
Acq: 8 Dec 2020 9:35

Instrument :
BNA_G
ClientSampleId :
C0B70

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.7	28.1
125	3.5	2.6	3.8

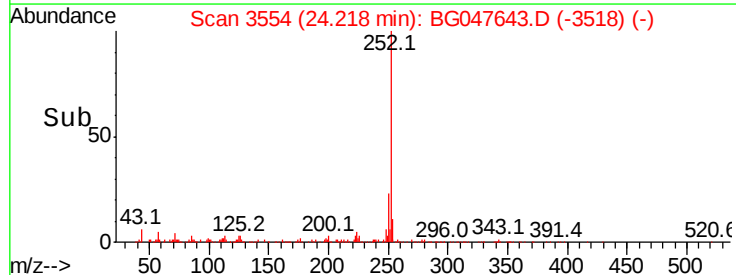
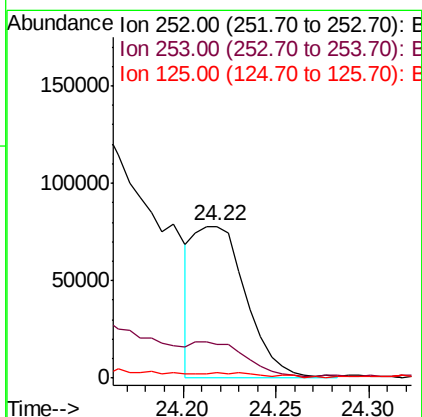
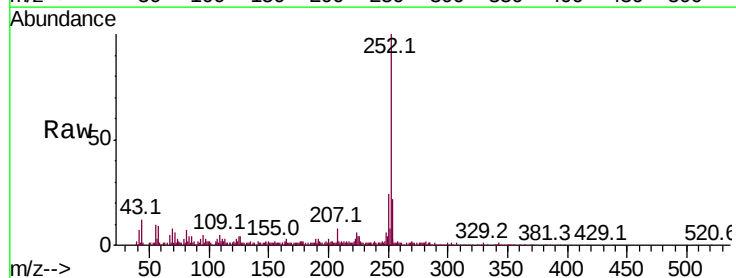
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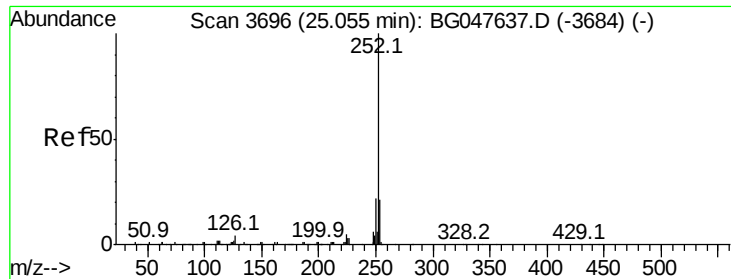
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#89
Benzo(k)fluoranthene
Concen: 12.703 ng/ul m
RT: 24.22 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG047643.D
Acq: 8 Dec 2020 9:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.9	25.3
125	3.6	2.2	3.4#





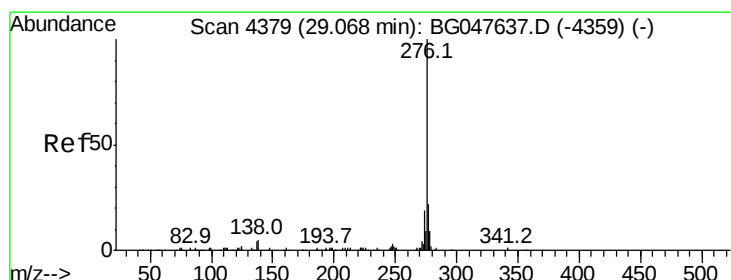
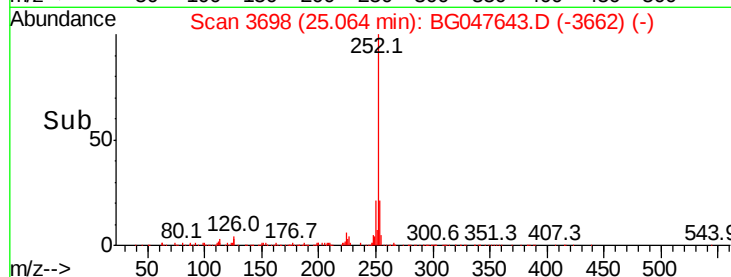
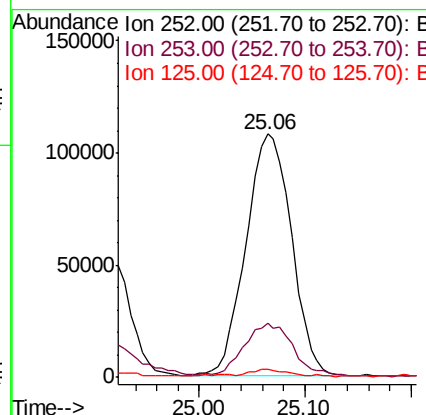
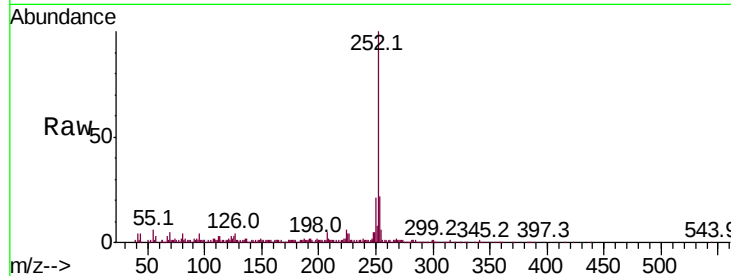
#91
Benzo(a)pyrene
Concen: 29.060 ng/ul
RT: 25.06 min Scan# 3698
Delta R.T. 0.01 min
Lab File: BG047643.D
Acq: 8 Dec 2020 9:35

Instrument :
BNA_G
ClientSampleId :
C0B70

Tot Ion:	252	Resp:	322647
Ion Ratio	Lower	Upper	
252	100		
253	22.3	16.9	25.3
125	3.2	2.6	3.8

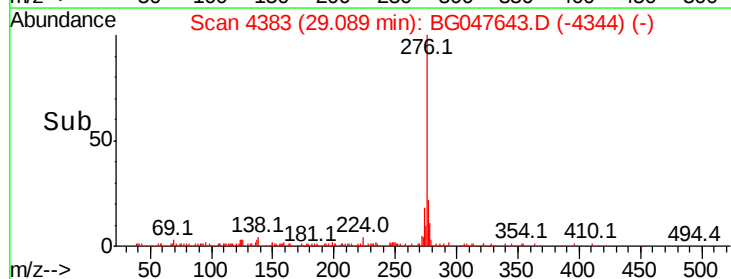
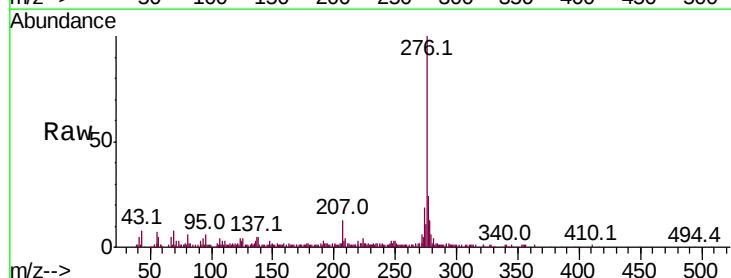
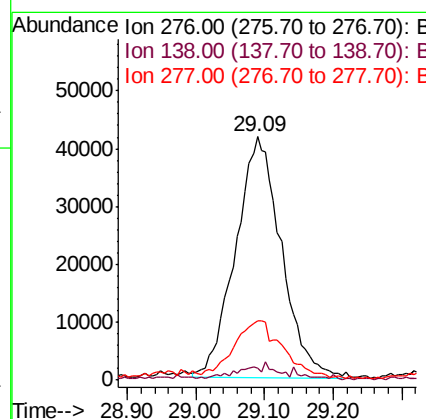
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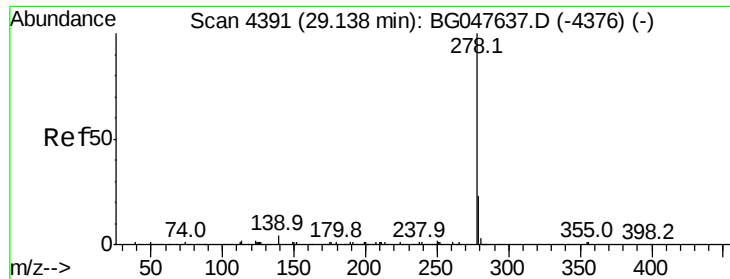
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#92
Indeno(1,2,3-cd)pyrene
Concen: 14.249 ng/ul
RT: 29.09 min Scan# 4383
Delta R.T. 0.03 min
Lab File: BG047643.D
Acq: 8 Dec 2020 9:35

Tgt Ion:	276	Resp:	192926
Ion Ratio	Lower	Upper	
276	100		
138	4.7	3.3	4.9
277	24.2	18.6	27.8





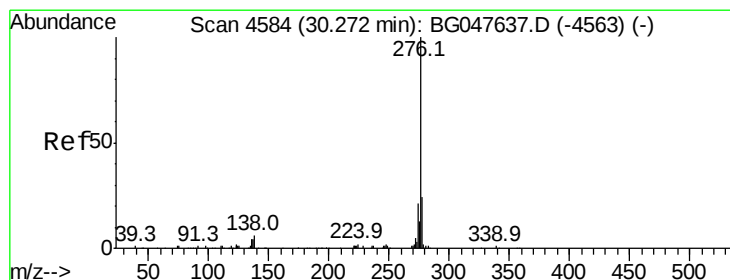
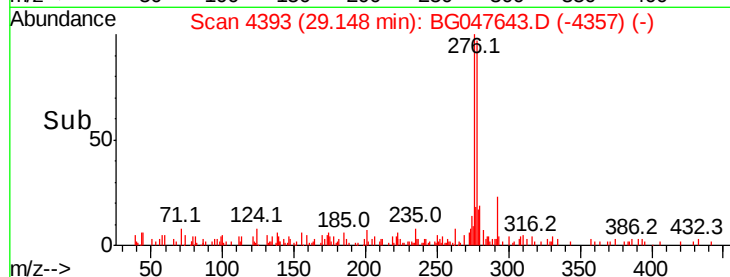
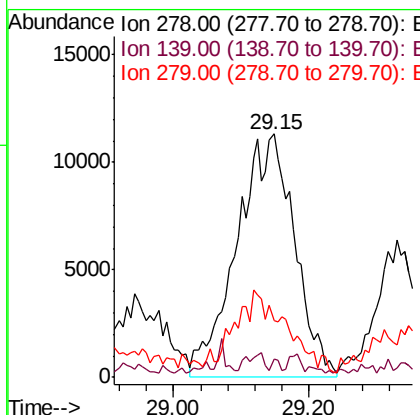
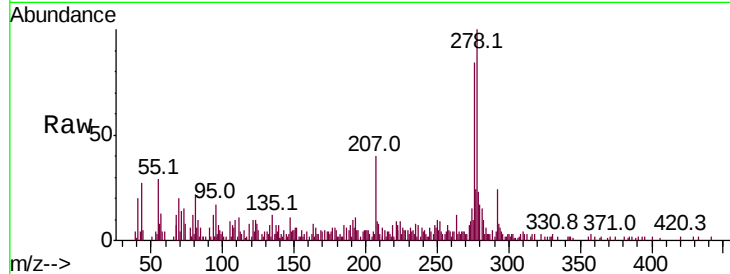
#93
Dibenzo(a,h)anthracene
Concen: 5.913 ng/ul m
RT: 29.15 min Scan# 4393
Delta R.T. 0.01 min
Lab File: BG047643.D
Acq: 8 Dec 2020 9:35

Instrument :
BNA_G
ClientSampleId :
C0B70

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.4	3.3	4.9#
279	23.4	18.5	27.7

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 15.033 ng/ul m
RT: 30.31 min Scan# 4591
Delta R.T. 0.03 min
Lab File: BG047643.D
Acq: 8 Dec 2020 9:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.6	4.7	7.1#
277	22.5	21.9	32.9

