

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047115.D
 Acq On : 29 Oct 2020 11:42
 Operator : CG/JU
 Sample : L4499-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW2B6

Manual Integrations
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Quant Time: Oct 29 11:20:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54704	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	230666	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	174838	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	406642	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	379567	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	394736	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	4328	3.19	ng/uL	0.00
5) Phenol-d5	7.21	99	95851	20.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	54756	20.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	73624	19.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	75983	20.06	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	36824	19.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	44643	19.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	89127	20.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	55037	14.65	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	302397	21.04	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	363790	21.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	40794	18.03	ng/ul	0.00
58) Fluorene-d10	15.68	176	284115	21.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	43948	15.67	ng/ul	0.00
71) Anthracene-d10	17.53	188	428192	21.73	ng/ul	0.00
79) Pyrene-d10	19.82	212	470942	21.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	454461	20.94	ng/ul	0.01

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.13	163	103778	7.193	ng/ul	98
50) Acenaphthene	14.75	153	12799	1.112	ng/ul	94
59) Fluorene	15.73	166	18717	1.361	ng/ul	93
70) Phenanthrene	17.47	178	569452	24.968	ng/ul	99
72) Anthracene	17.57	178	63166m	2.756	ng/ul	
75) Carbazole	17.83	167	40045	2.274	ng/ul	97
77) Fluoranthene	19.48	202	1314819	47.897	ng/ul	99
80) Pyrene	19.85	202	981071	37.770	ng/ul	99
83) Benzo(a)anthracene	21.69	228	524030	20.379	ng/ul	97
85) Chrysene	21.75	228	628445	25.403	ng/ul	97
88) Benzo(b)fluoranthene	23.92	252	821666	31.336	ng/ul	99
89) Benzo(k)fluoranthene	23.98	252	303607m	11.949	ng/ul	
91) Benzo(a)pyrene	24.80	252	503193	21.311	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.64	276	389687	13.280	ng/ul#	92
93) Dibenzo(a,h)anthracene	28.68	278	100684	4.230	ng/ul	94
94) Benzo(g,h,i)perylene	29.81	276	332578	13.561	ng/ul	98

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

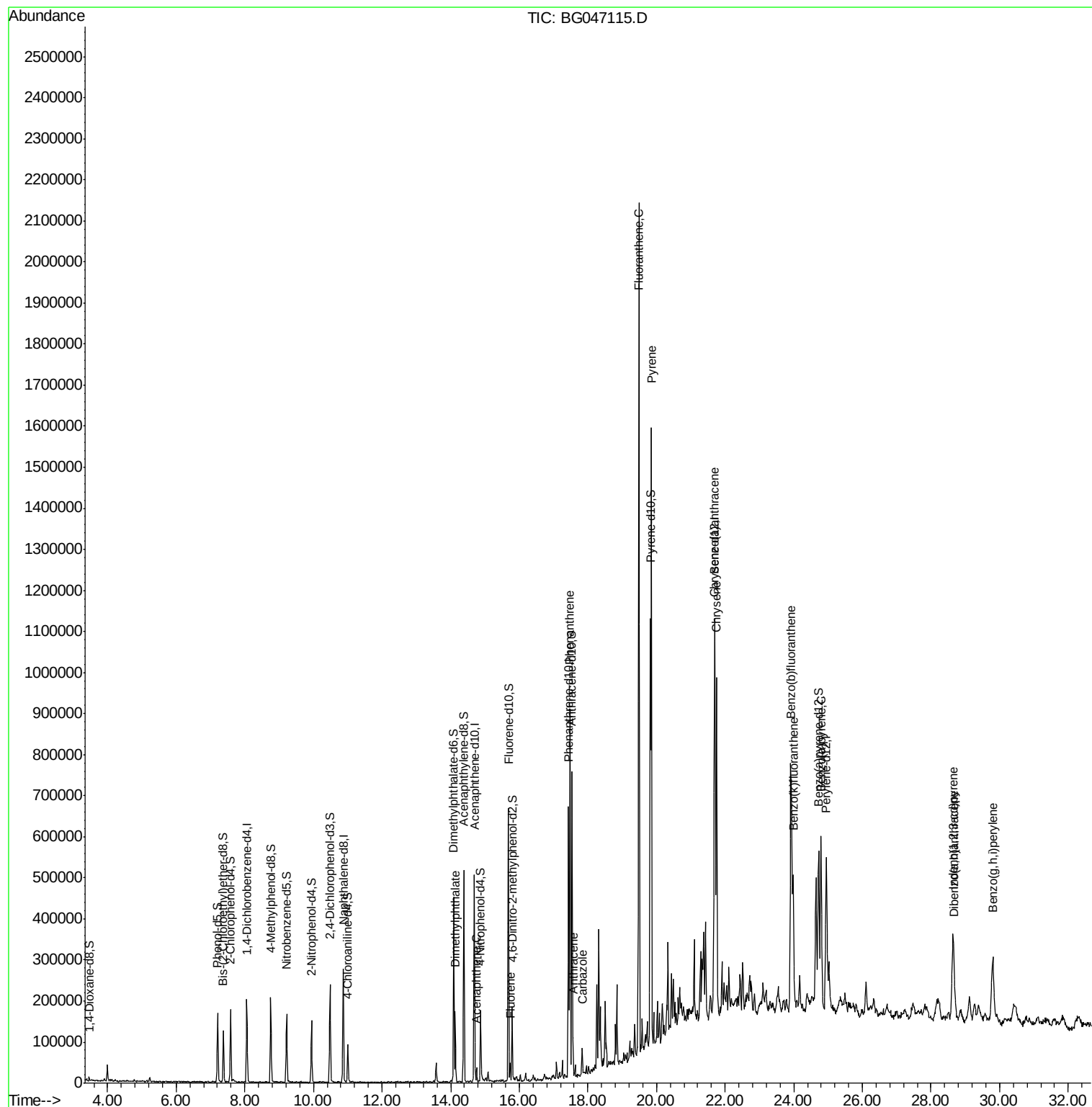
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047115.D
Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

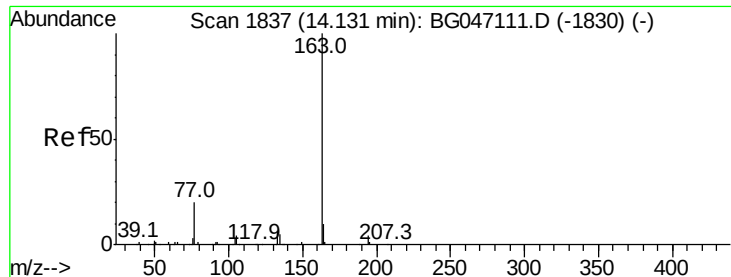
Instrument :
BNA_G
ClientSampleId :
EW2B6

Quant Time: Oct 29 11:20:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration

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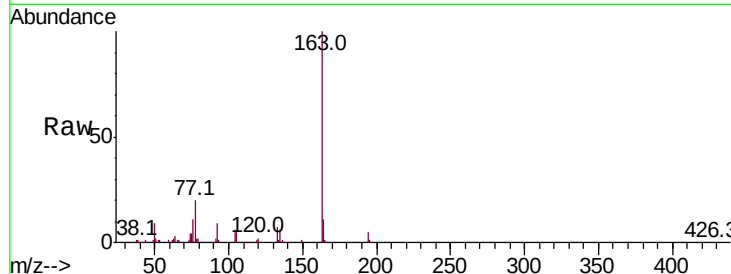
#45
Dimethylphthalate
Concen: 7.193 ng/ul
RT: 14.13 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG047115.D
Acq: 29 Oct 2020 11:42

Instrument :
BNA_G
ClientSampleId :
EW2B6

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	10.8	7.9	11.9

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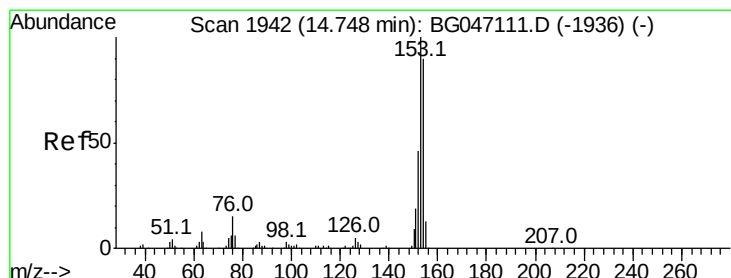
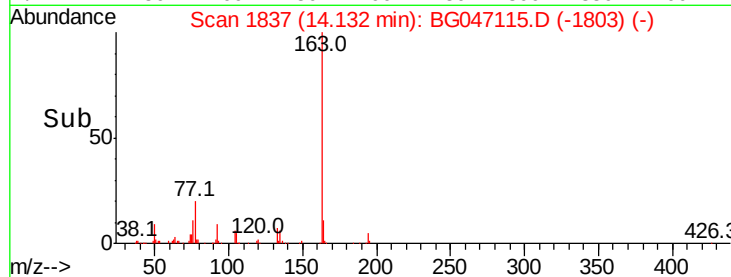
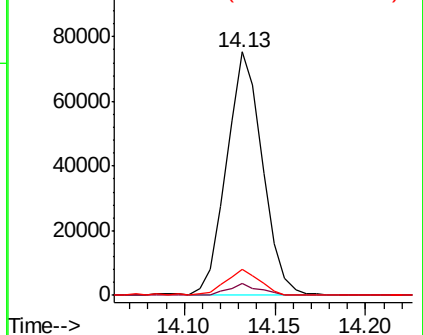


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
Acenaphthene
Concen: 1.112 ng/ul
RT: 14.75 min Scan# 1943
Delta R.T. 0.01 min
Lab File: BG047115.D
Acq: 29 Oct 2020 11:42

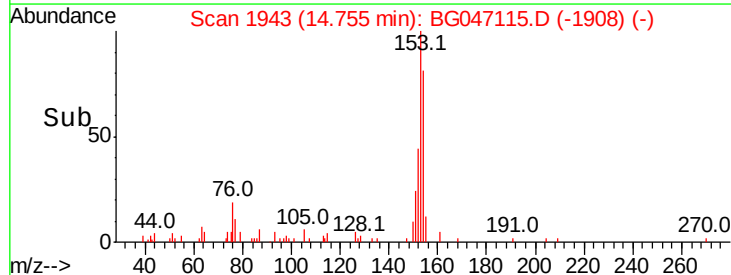
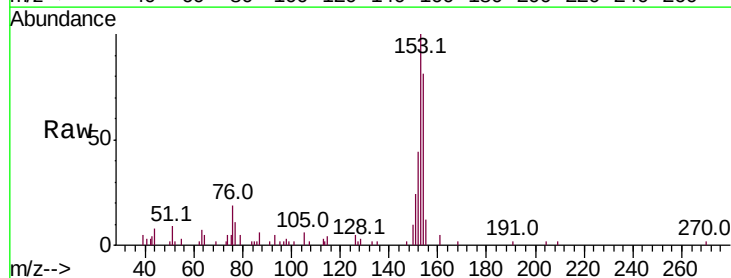
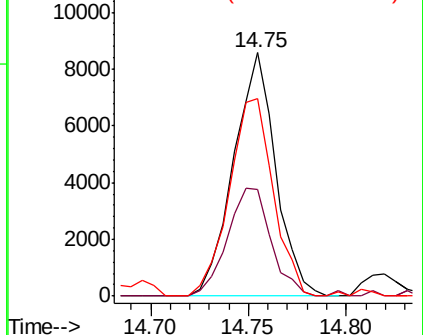
Tgt Ion	Ratio	Lower	Upper
153	100		
152	43.9	36.6	54.8
154	80.9	71.0	106.4

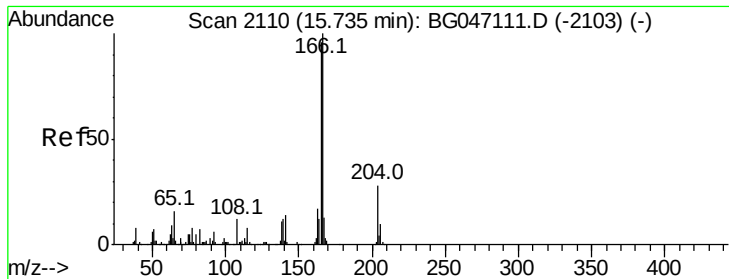
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





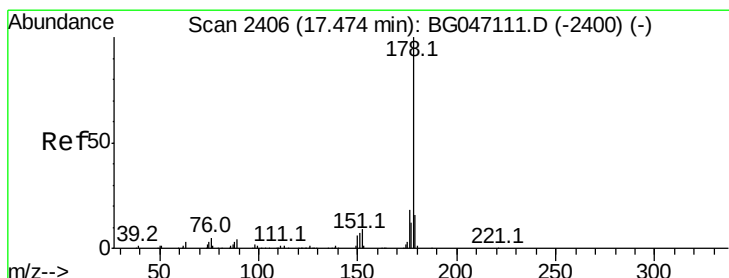
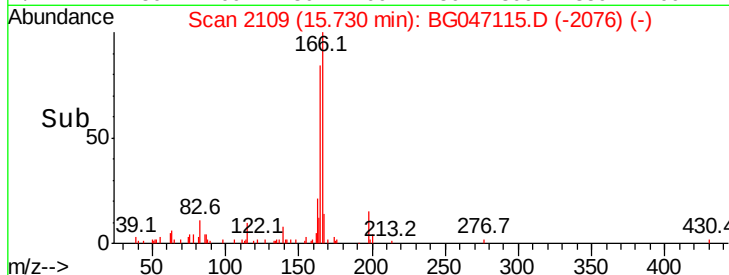
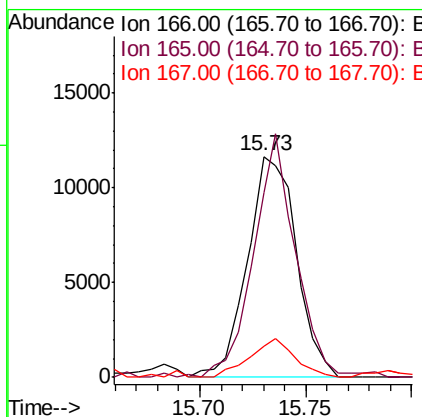
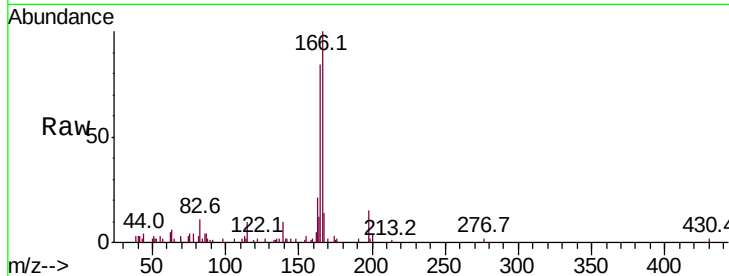
#59
Fluorene
Concen: 1.361 ng/ul
RT: 15.73 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG047115.D
Acq: 29 Oct 2020 11:42

Instrument :
BNA_G
ClientSampleId :
EW2B6

Tot Ion	Ratio	Lower	Upper
166	100		
165	83.5	72.6	108.8
167	14.0	10.7	16.1

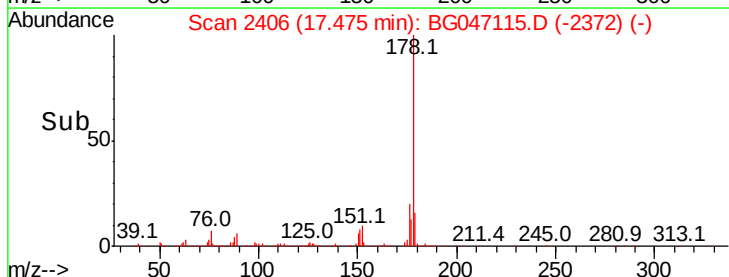
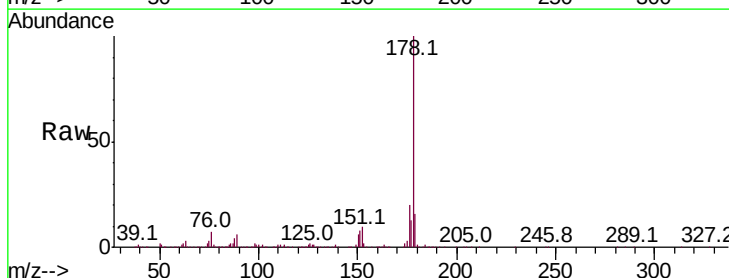
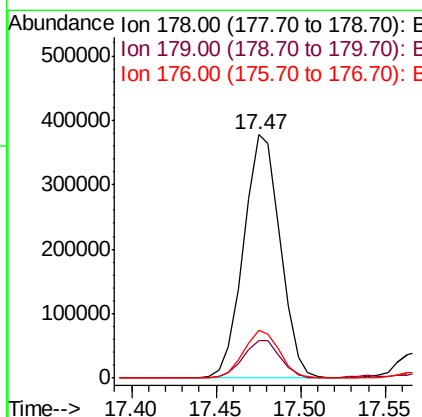
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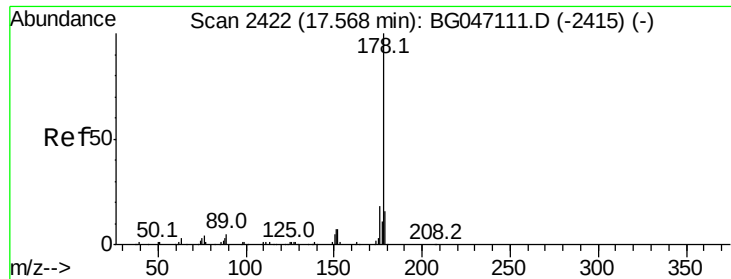
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#70
Phenanthrene
Concen: 24.968 ng/ul
RT: 17.47 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BG047115.D
Acq: 29 Oct 2020 11:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.4
176	19.5	15.5	23.3





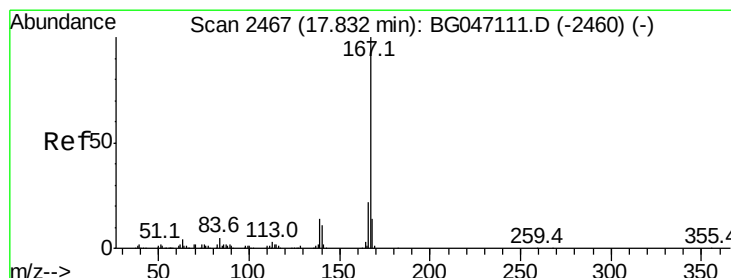
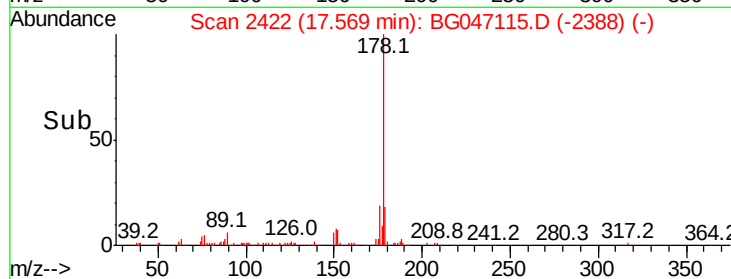
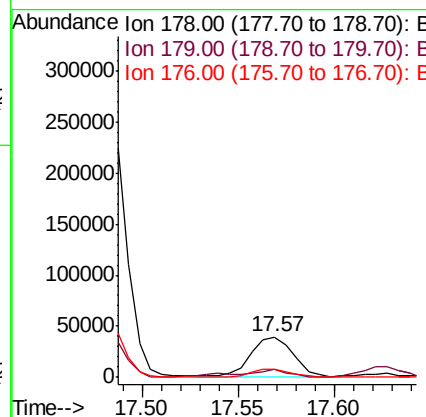
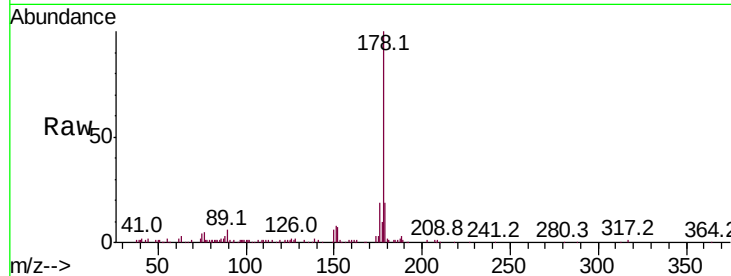
#72
 Anthracene
 Concen: 2.756 ng/ul m
 RT: 17.57 min Scan# 2422
 Delta R.T. 0.00 min
 Lab File: BG047115.D
 Acq: 29 Oct 2020 11:42

Instrument :
 BNA_G
 ClientSampleId :
 EW2B6

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.8	11.8	17.6#
176	18.7	14.7	22.1

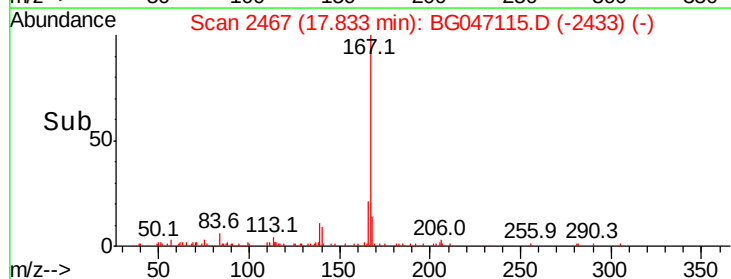
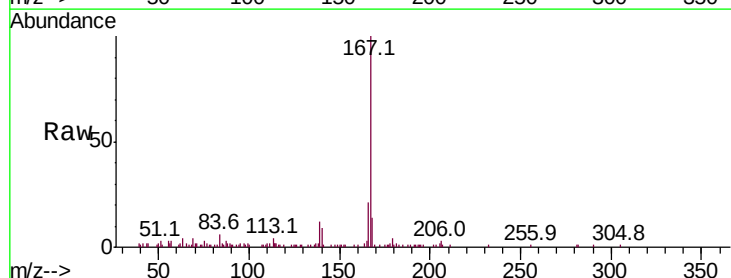
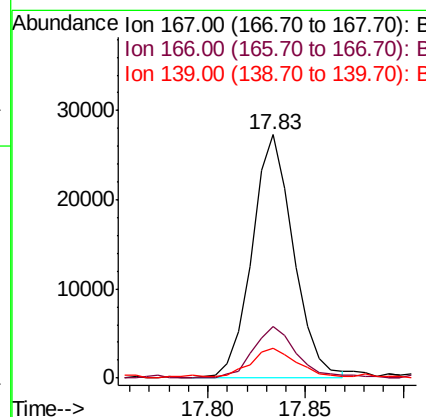
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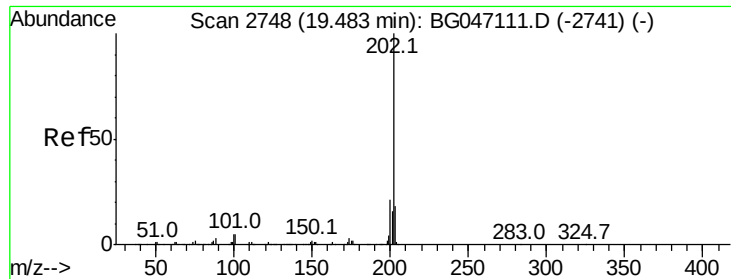
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#75
 Carbazole
 Concen: 2.274 ng/ul
 RT: 17.83 min Scan# 2467
 Delta R.T. 0.00 min
 Lab File: BG047115.D
 Acq: 29 Oct 2020 11:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.9	28.3
139	12.4	10.1	15.1





#77

Fluoranthene

Concen: 47.897 ng/ul

RT: 19.48 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BG047115.D

Acq: 29 Oct 2020 11:42

Instrument :

BNA_G

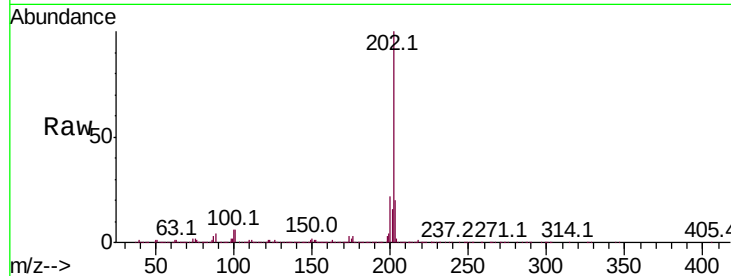
ClientSampleId :

EW2B6

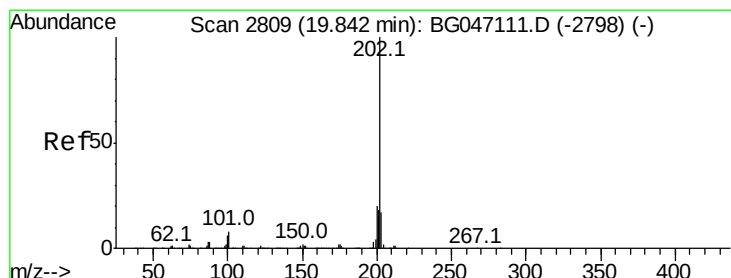
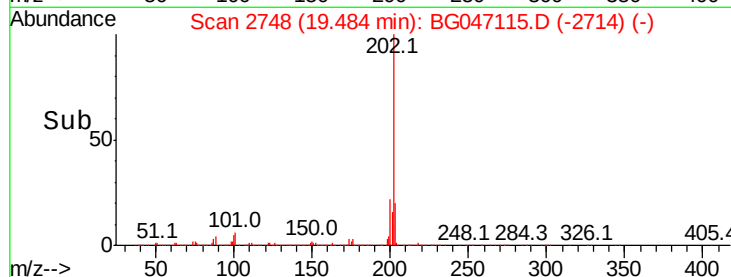
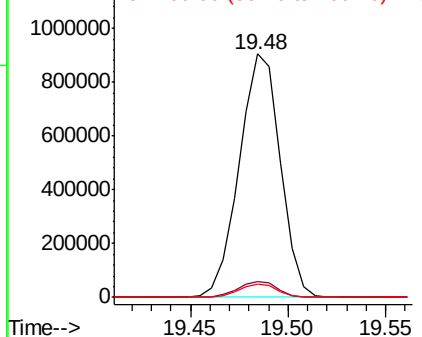
Tot Ion:	202	Resp:	1314819
Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.9	7.3
100	5.5	4.2	6.4

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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: 37.770 ng/ul

RT: 19.85 min Scan# 2810

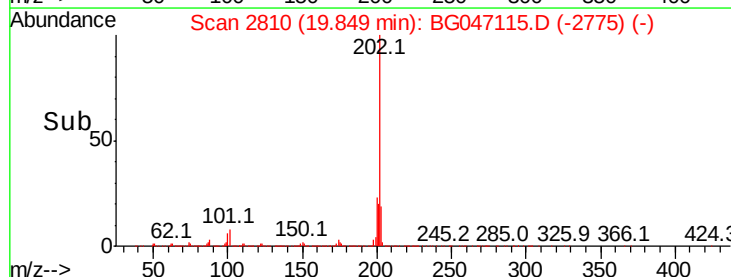
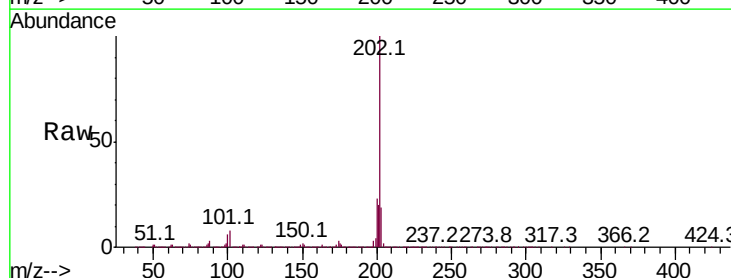
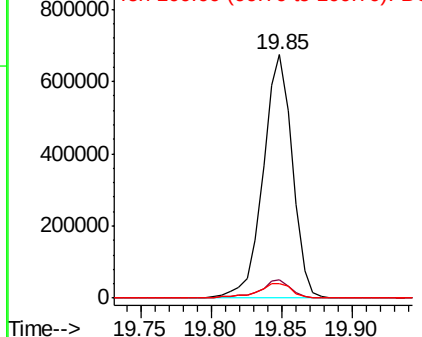
Delta R.T. 0.01 min

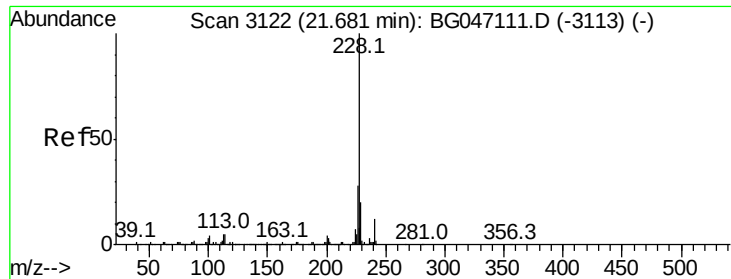
Lab File: BG047115.D

Acq: 29 Oct 2020 11:42

Tgt Ion:	202	Resp:	981071
Ion	Ratio	Lower	Upper
202	100		
101	7.7	5.8	8.6
100	6.2	5.0	7.4

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: 20.379 ng/ul

RT: 21.69 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BG047115.D

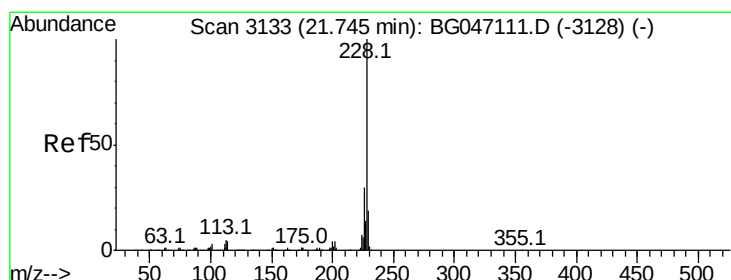
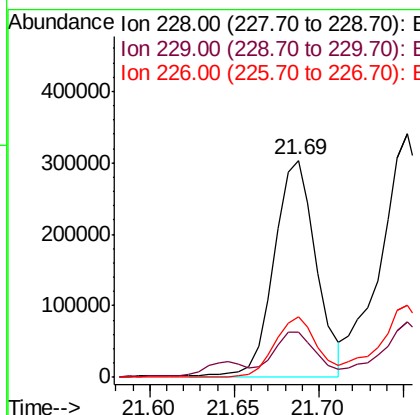
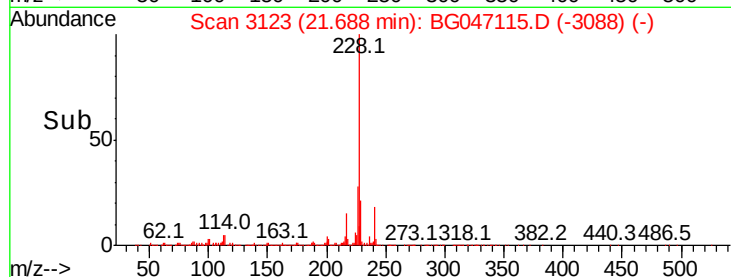
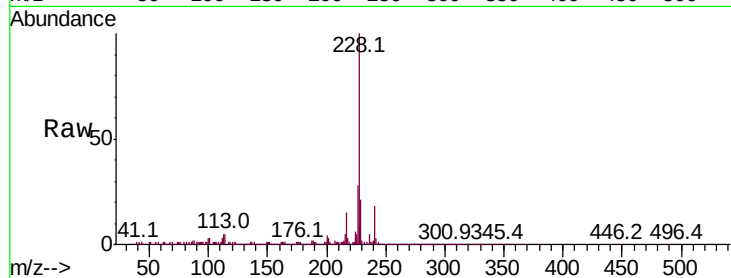
Acq: 29 Oct 2020 11:42

Instrument :
BNA_G
ClientSampleId :
EW2B6

Tot Ion:	228	Resp:	524030
Ion Ratio	Lower	Upper	
228	100		
229	20.9	16.0	24.0
226	28.0	20.8	31.2

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#85

Chrysene

Concen: 25.403 ng/ul

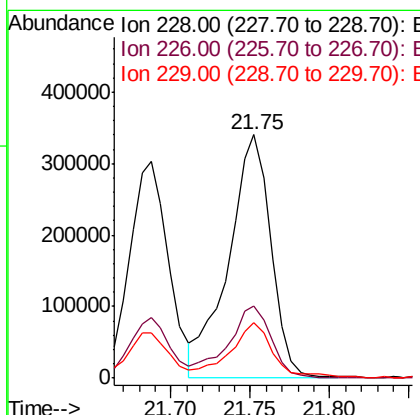
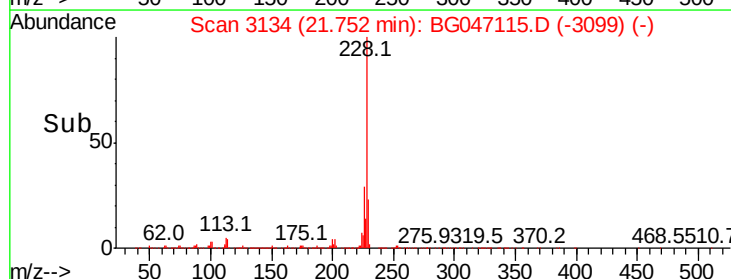
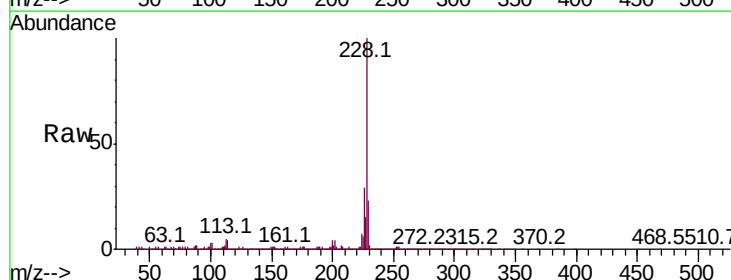
RT: 21.75 min Scan# 3134

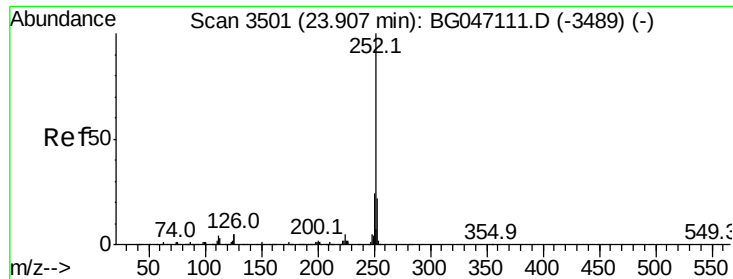
Delta R.T. 0.01 min

Lab File: BG047115.D

Acq: 29 Oct 2020 11:42

Tgt Ion:	228	Resp:	628445
Ion Ratio	Lower	Upper	
228	100		
226	29.4	22.8	34.2
229	22.8	16.2	24.2





#88

Benzo(b)fluoranthene

Concen: 31.336 ng/ul

RT: 23.92 min Scan# 3503

Delta R.T. 0.01 min

Lab File: BG047115.D

Acq: 29 Oct 2020 11:42

Instrument :

BNA_G

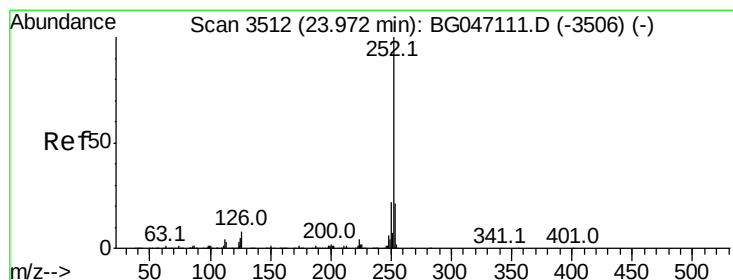
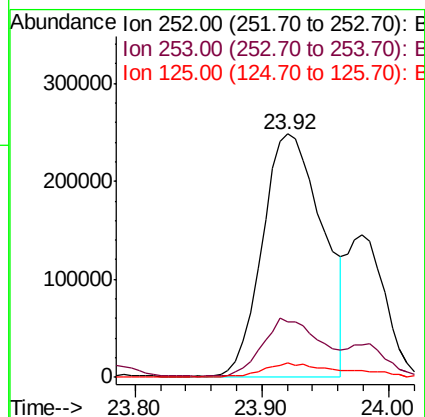
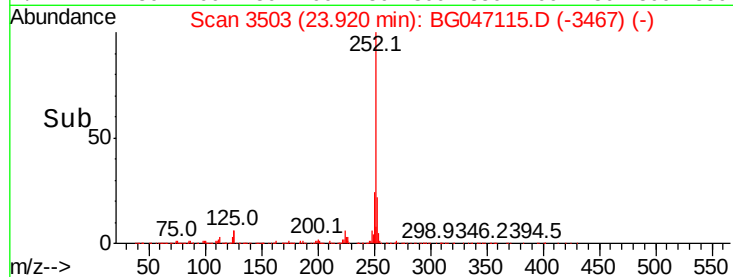
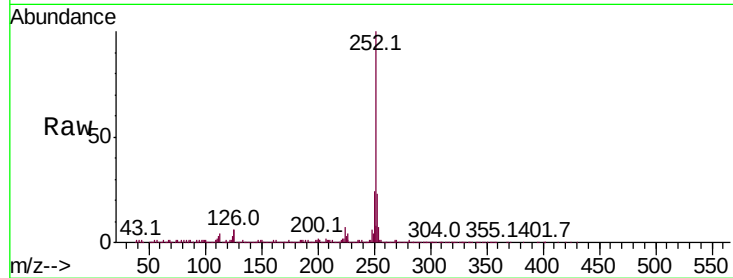
ClientSampleId :

EW2B6

Tot Ion:	252	Resp:	821666
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.4	27.6
125	6.0	4.2	6.4

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#89

Benzo(k)fluoranthene

Concen: 11.949 ng/ul m

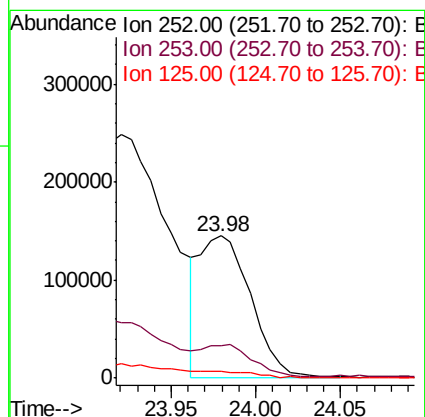
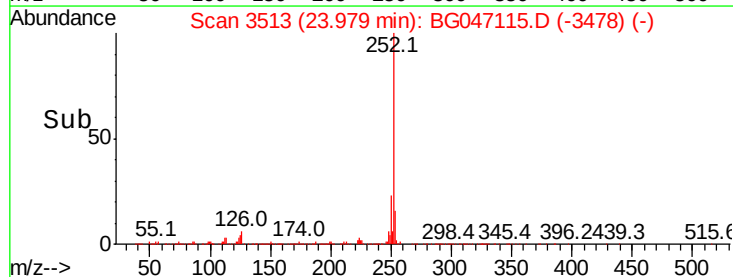
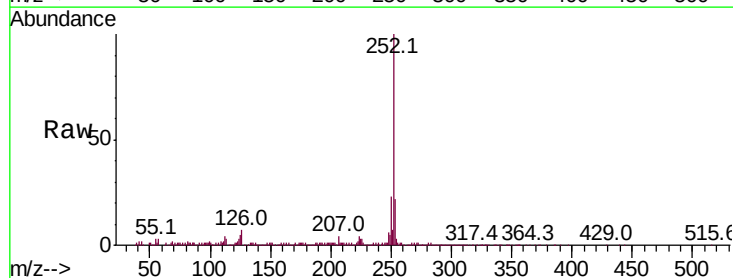
RT: 23.98 min Scan# 3513

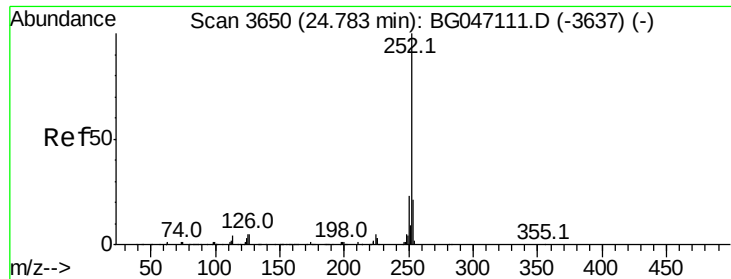
Delta R.T. 0.01 min

Lab File: BG047115.D

Acq: 29 Oct 2020 11:42

Tgt Ion:	252	Resp:	303607
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.0	25.6
125	4.7	4.2	6.2





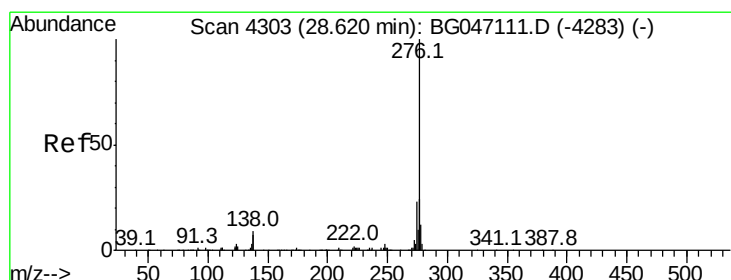
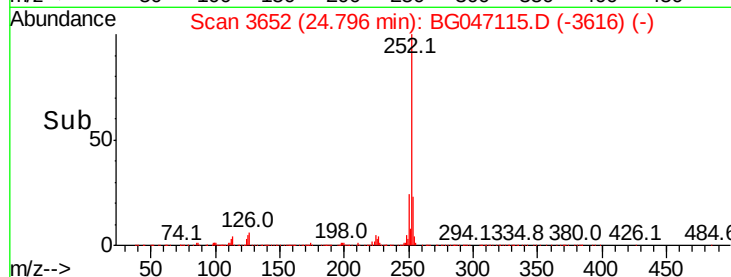
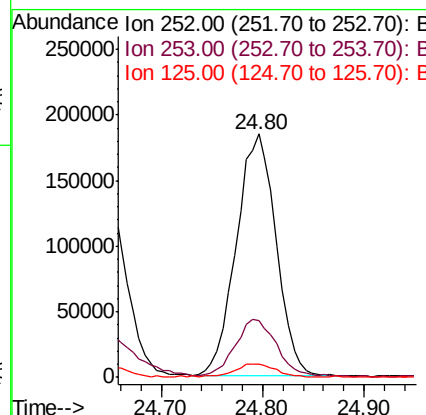
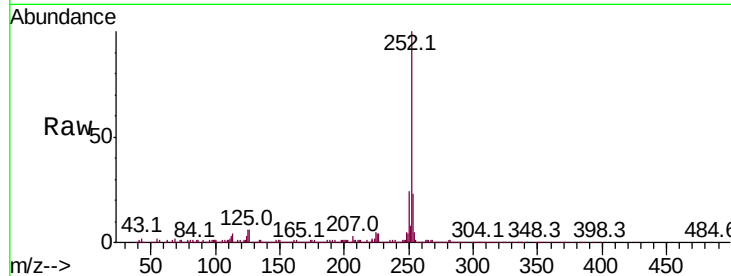
#91
Benzo(a)pyrene
Concen: 21.311 ng/ul
RT: 24.80 min Scan# 3652
Delta R.T. 0.01 min
Lab File: BG047115.D
Acq: 29 Oct 2020 11:42

Instrument :
BNA_G
ClientSampled :
EW2B6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	5.7	4.7	7.1

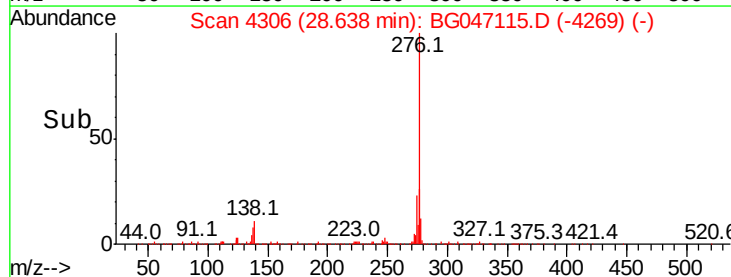
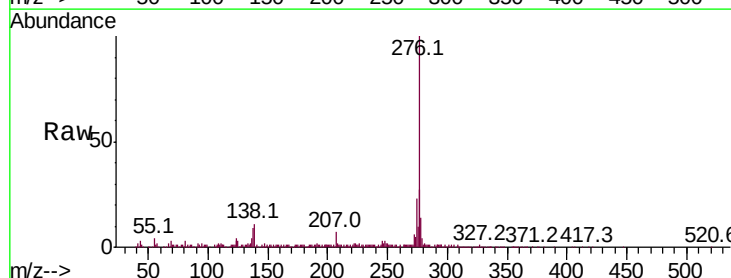
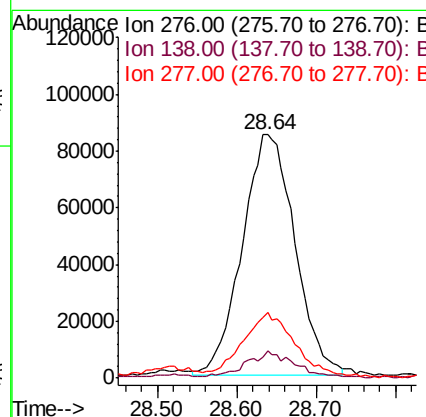
Manual Integrations
APPROVED

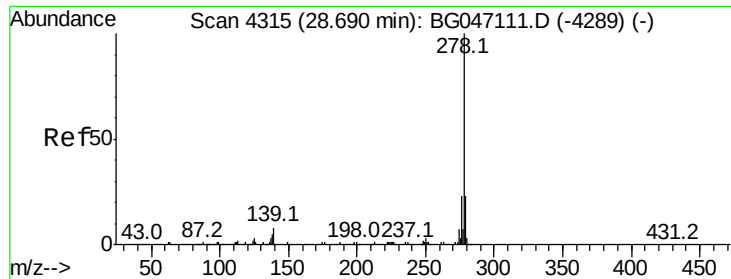
mohammad
10/30/2020 12:09:15 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 13.280 ng/ul
RT: 28.64 min Scan# 4306
Delta R.T. 0.02 min
Lab File: BG047115.D
Acq: 29 Oct 2020 11:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.1	7.2	10.8#
277	27.2	18.4	27.6





#93

Dibenzo(a,h)anthracene

Concen: 4.230 ng/ul

RT: 28.68 min Scan# 4313

Delta R.T. -0.01 min

Lab File: BG047115.D

Acq: 29 Oct 2020 11:42

Instrument :

BNA_G

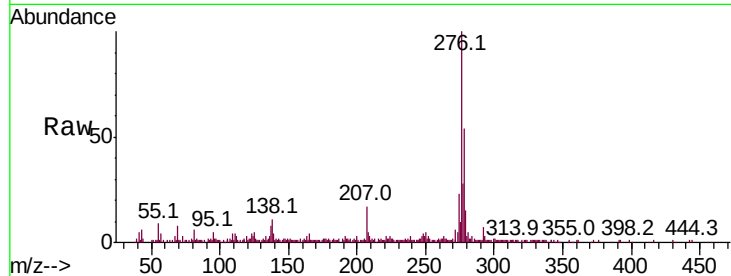
ClientSampleId :

EW2B6

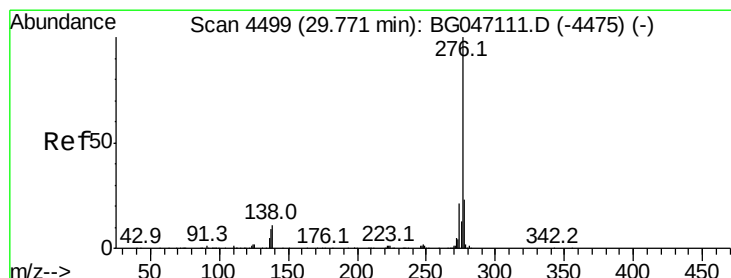
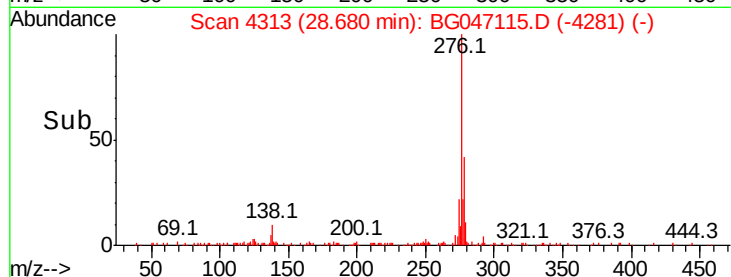
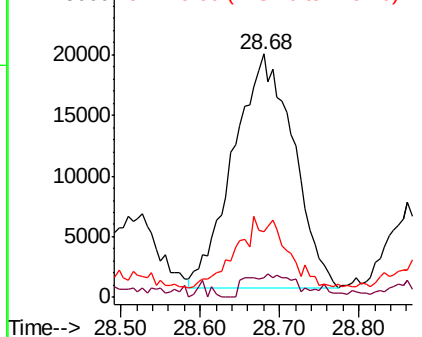
Tot Ion:	278	Resp:	100684
Ion Ratio	Lower	Upper	
278	100		
139	8.1	6.3	9.5
279	26.9	18.6	28.0

Manual Integrations
APPROVED

mohammad
10/30/2020 12:09:15 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 13.561 ng/ul

RT: 29.81 min Scan# 4505

Delta R.T. 0.04 min

Lab File: BG047115.D

Acq: 29 Oct 2020 11:42

Tgt Ion:	276	Resp:	332578
Ion Ratio	Lower	Upper	
276	100		
138	10.5	8.8	13.2
277	23.2	17.7	26.5

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

