

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047462.D
 Acq On : 25 Nov 2020 1:34
 Operator : CG/JU
 Sample : L4749-07DL 2X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B71DL

Manual Integrations
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 11/25/2020 12:49:03 PM

Quant Time: Nov 25 04:03:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 25 01:15:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	36904	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	147065	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	106982	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	233793	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	218225	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	230001	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	717	0.71	ng/uL	0.00
5) Phenol-d5	7.41	99	23469	6.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	12528	5.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	17949	7.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	19230	6.76	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	9061	7.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	11517	8.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	22650	7.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	17020	5.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	75069	8.17	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	88131	8.30	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	8693	6.20	ng/ul	0.00
58) Fluorene-d10	15.87	176	69928	8.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	3680	2.77	ng/ul	0.00
71) Anthracene-d10	17.72	188	102676	8.85	ng/ul	0.00
79) Pyrene-d10	19.98	212	114165	8.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	116026	8.76	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.43	94	3960	1.117	ng/ul	91
59) Fluorene	15.92	166	10922	1.276	ng/ul	99
70) Phenanthrene	17.66	178	366173	29.003	ng/ul	96
72) Anthracene	17.75	178	62107	4.885	ng/ul	97
75) Carbazole	18.01	167	31921	3.112	ng/ul	95
77) Fluoranthene	19.66	202	1121206	70.318	ng/ul#	99
80) Pyrene	20.01	202	892186	57.717	ng/ul	99
83) Benzo(a)anthracene	21.88	228	501734	32.313	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	12264	1.621	ng/ul#	93
85) Chrysene	21.95	228	577560	39.088	ng/ul	97
88) Benzo(b)fluoranthene	24.23	252	757030	46.617	ng/ul#	95
89) Benzo(k)fluoranthene	24.29	252	275354m	17.206	ng/ul	
91) Benzo(a)pyrene	25.14	252	470411m	32.495	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.22	276	319741m	18.158	ng/ul	
93) Dibenzo(a,h)anthracene	29.29	278	81606m	5.652	ng/ul	
94) Benzo(g,h,i)perylene	30.45	276	248517	17.104	ng/ul	97

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

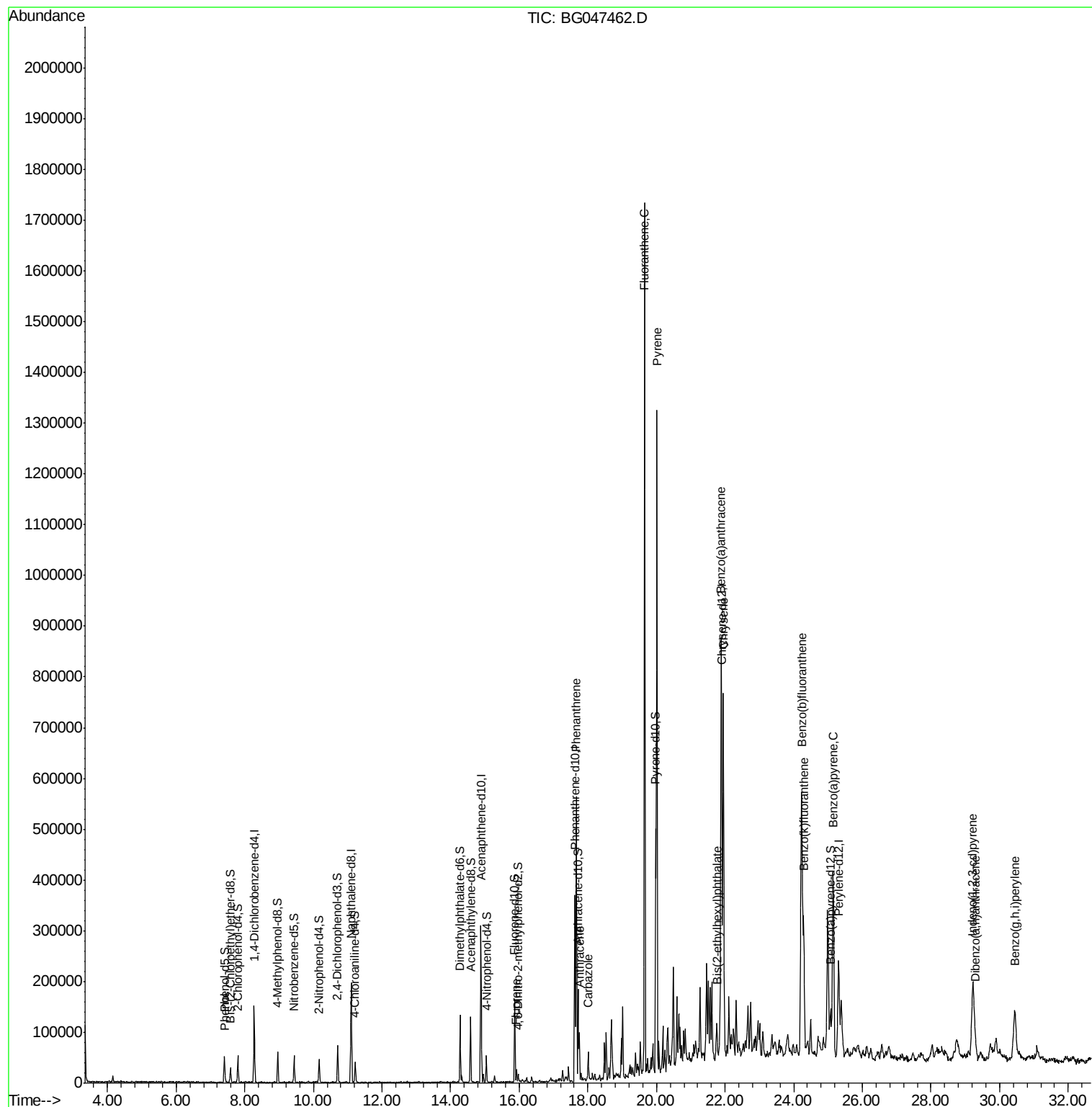
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

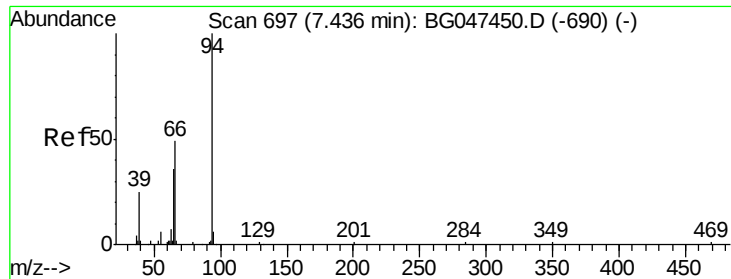
Instrument :
BNA_G
ClientSampleId :
C0B71DL

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Quant Time: Nov 25 04:03:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 01:15:04 2020
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#6

Phenol

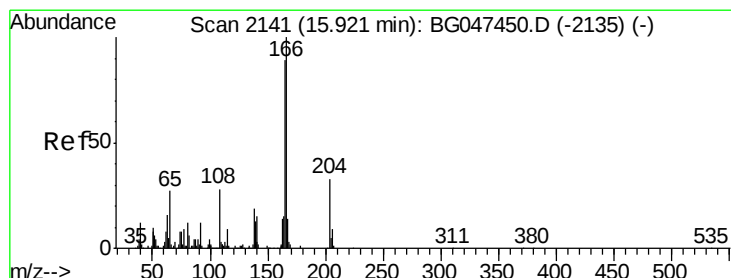
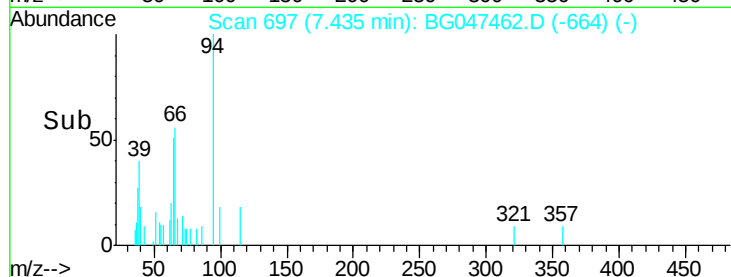
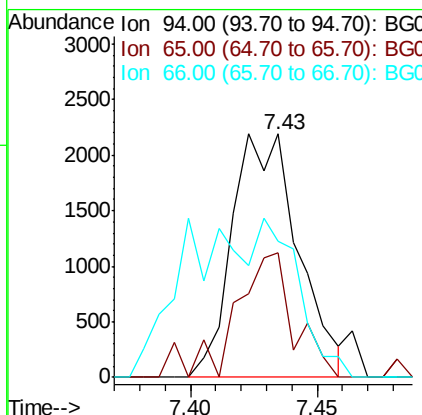
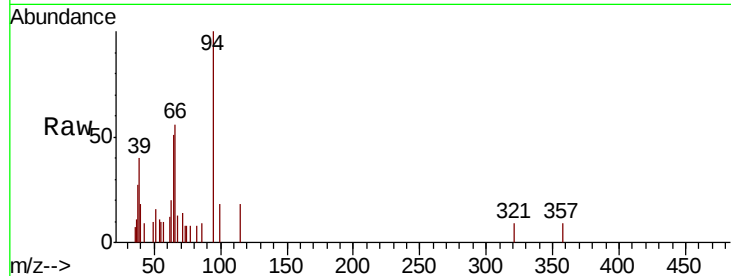
Concen: 1.117 ng/ul
 RT: 7.43 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BG047462.D
 Acq: 25 Nov 2020 1:34

Instrument :
 BNA_G
 ClientSampleId :
 C0B71DL

Tot Ion:	94	Resp:	3960
Ion	Ratio	Lower	Upper
94	100		
65	51.0	37.8	56.8
66	55.7	51.6	77.4

Manual Integrations
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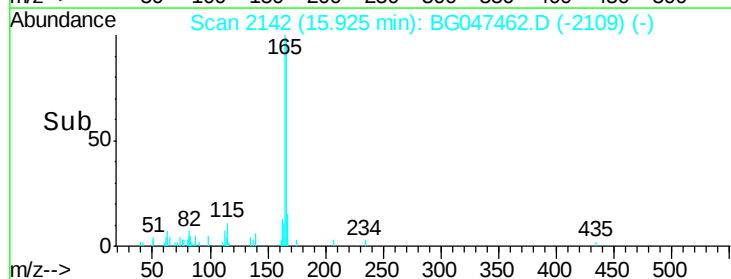
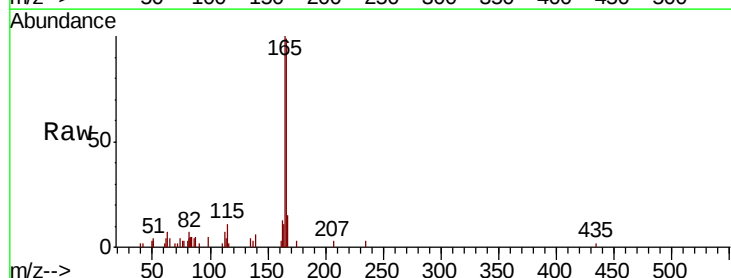
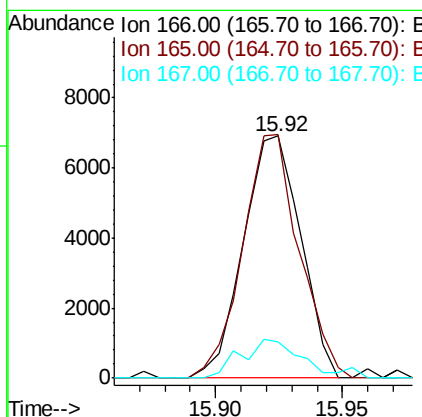


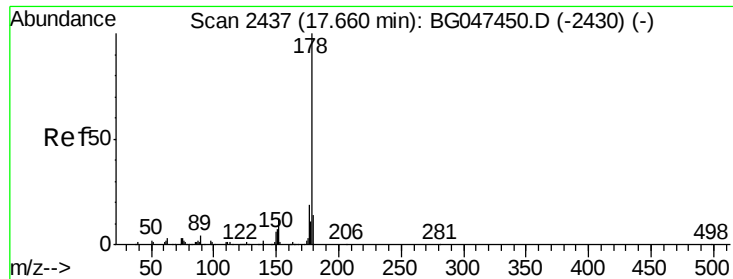
#59

Fluorene

Concen: 1.276 ng/ul
 RT: 15.92 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG047462.D
 Acq: 25 Nov 2020 1:34

Tgt Ion:	166	Resp:	10922
Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.8	119.6
167	14.8	10.8	16.2





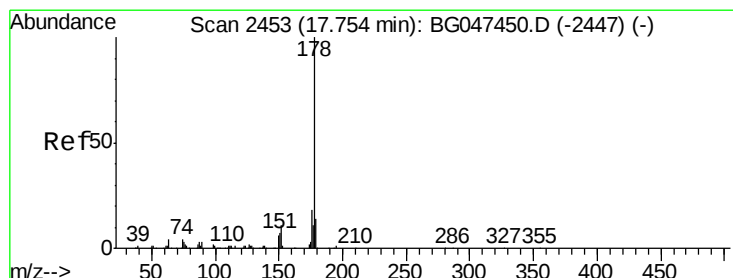
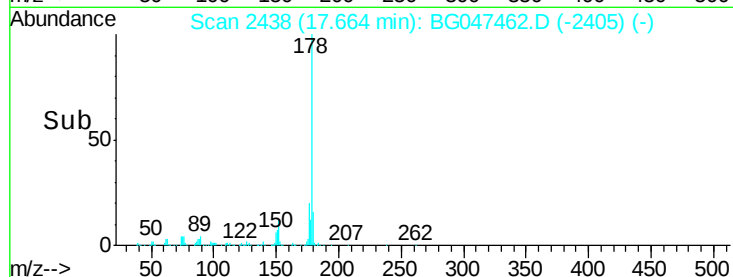
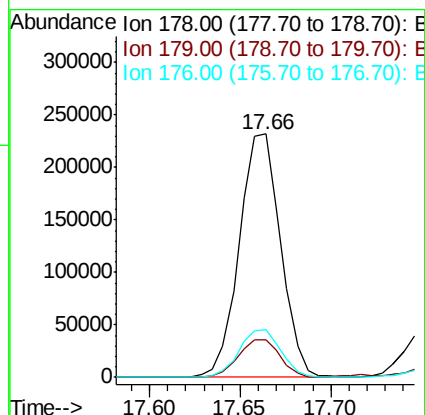
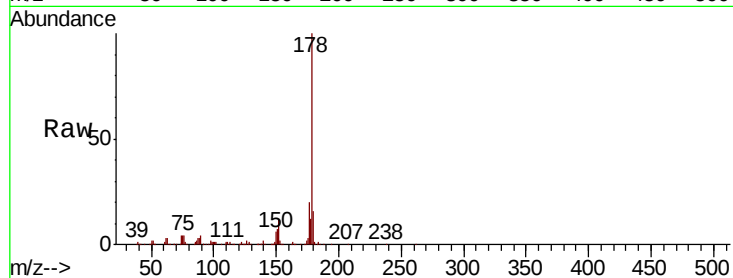
#70
Phenanthrene
Concen: 29.003 ng/ul
RT: 17.66 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG047462.D
Acq: 25 Nov 2020 1:34

Instrument :
BNA_G
ClientSampleId :
C0B71DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.6
176	19.6	13.9	20.9

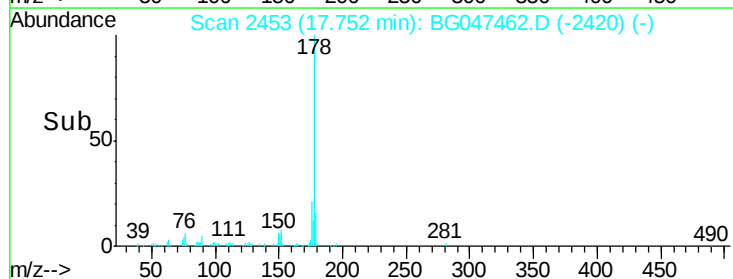
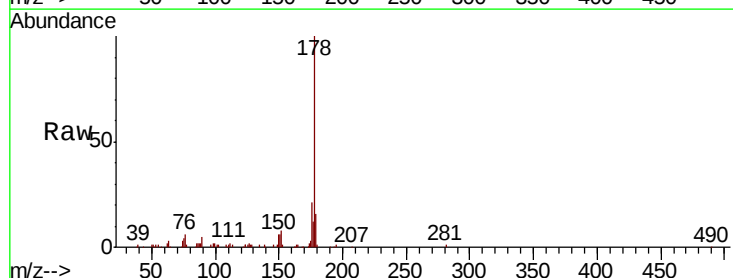
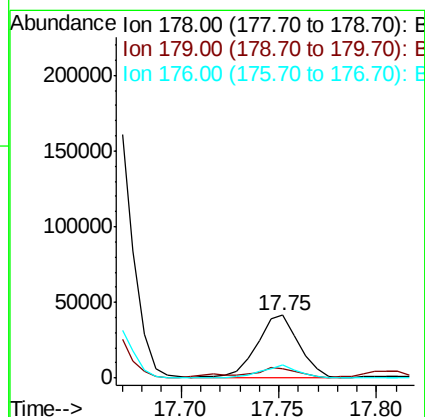
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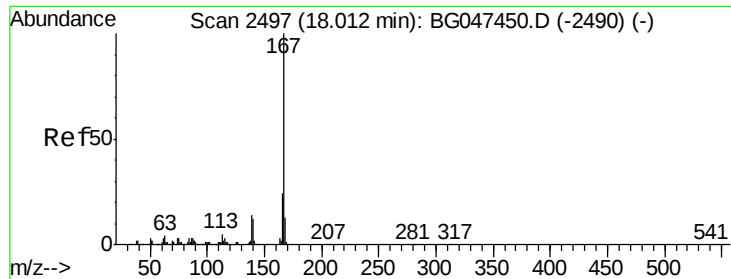
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#72
Anthracene
Concen: 4.885 ng/ul
RT: 17.75 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG047462.D
Acq: 25 Nov 2020 1:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	21.0	15.4	23.0





#75

Carbazole

Concen: 3.112 ng/ul

RT: 18.01 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

Instrument :

BNA_G

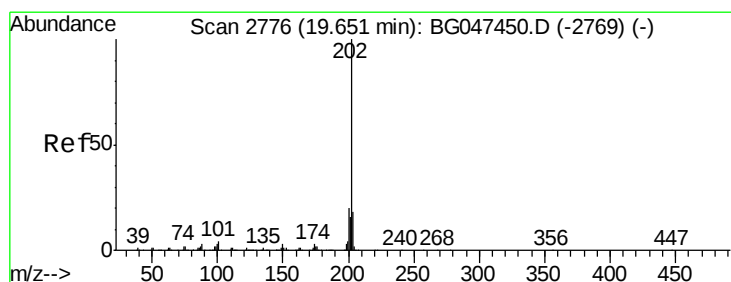
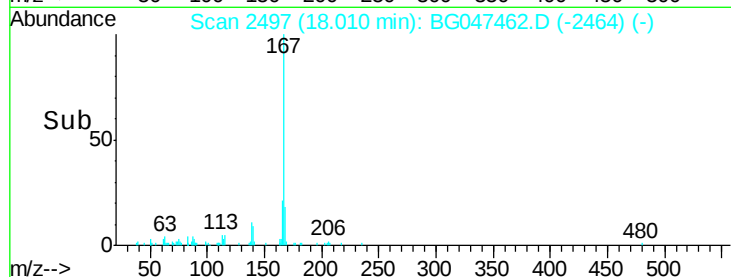
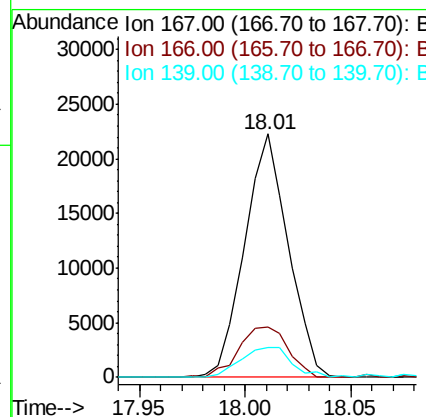
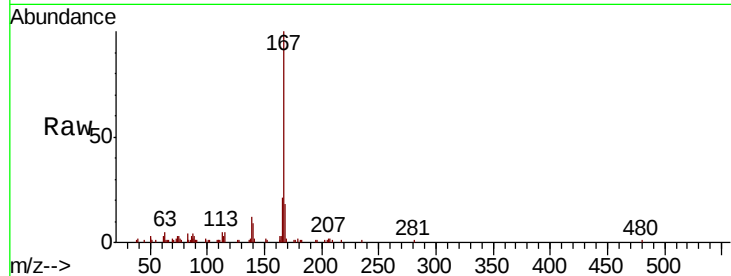
ClientSampleId :

C0B71DL

Tot Ion:	167	Resp:	31921
Ion Ratio	Lower	Upper	
167	100		
166	20.5	19.2	28.8
139	12.4	10.0	15.0

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#77

Fluoranthene

Concen: 70.318 ng/ul

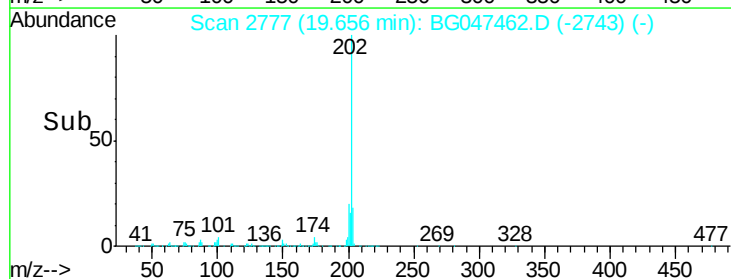
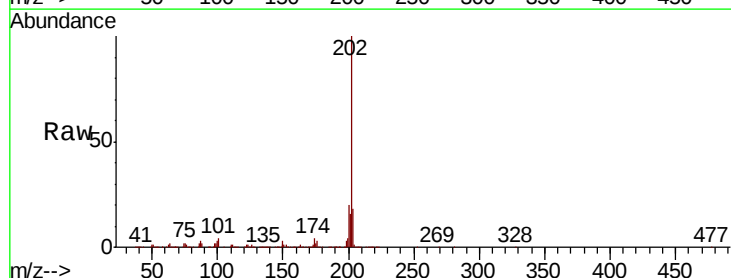
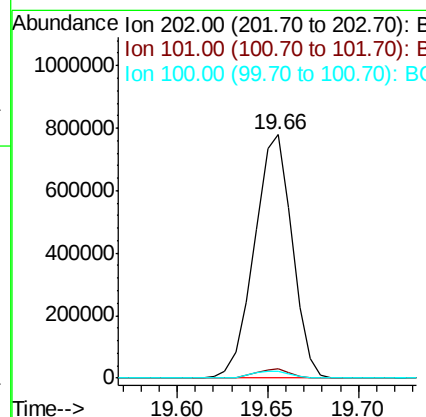
RT: 19.66 min Scan# 2777

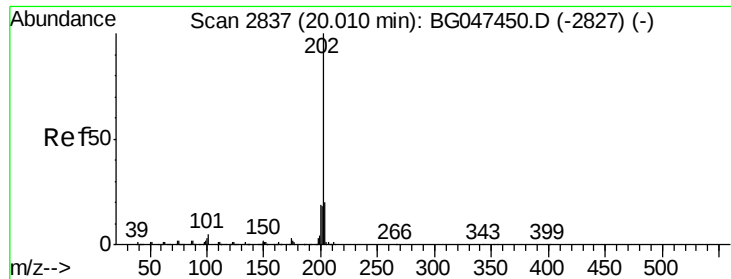
Delta R.T. 0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

Tgt Ion:	202	Resp:	1121206
Ion Ratio	Lower	Upper	
202	100		
101	3.7	3.0	4.6
100	2.9	3.0	4.6#





#80

Pvrene

Concen: 57.717 ng/ul

RT: 20.01 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

Instrument :

BNA_G

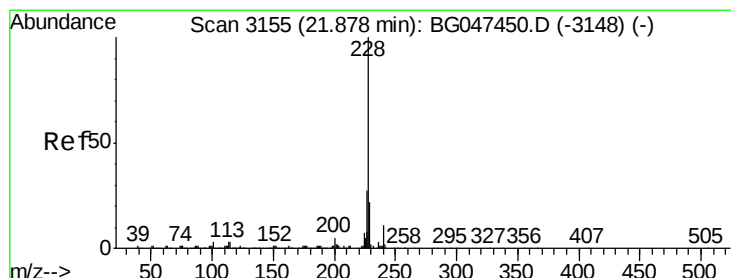
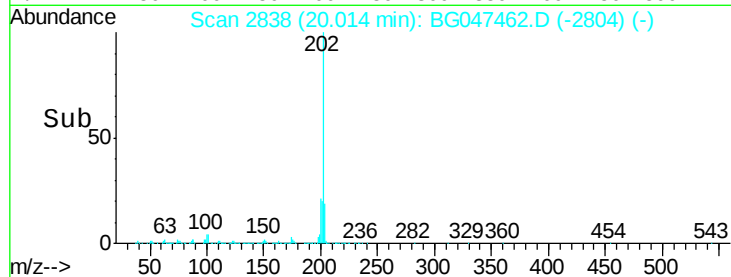
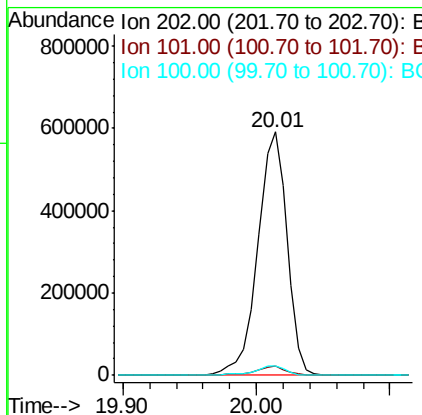
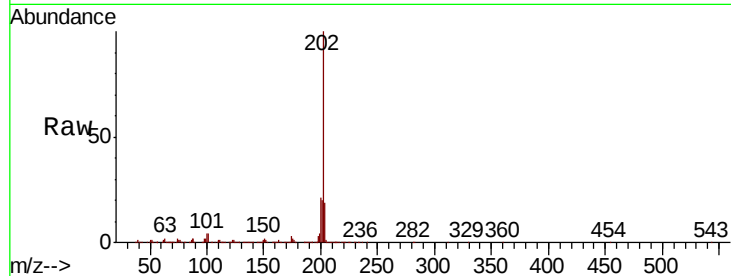
ClientSampleId :

C0B71DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		892186		
101	4.0		3.5	5.3	
100	3.7		3.4	5.0	

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#83

Benzo(a)anthracene

Concen: 32.313 ng/ul

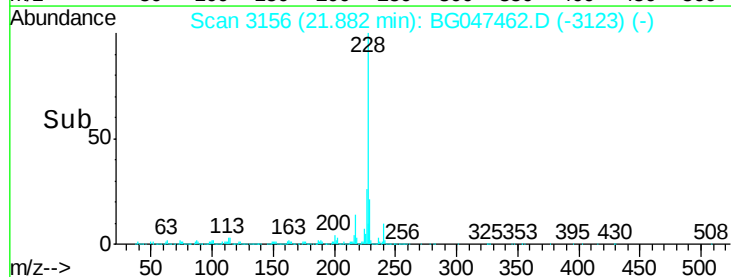
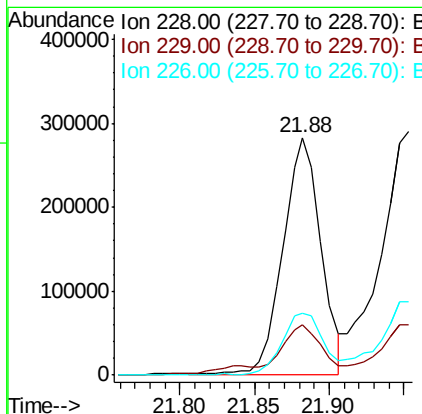
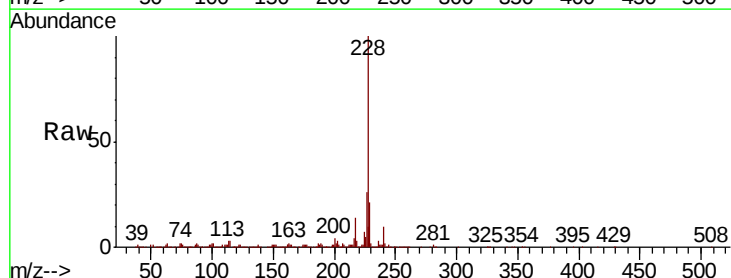
RT: 21.88 min Scan# 3156

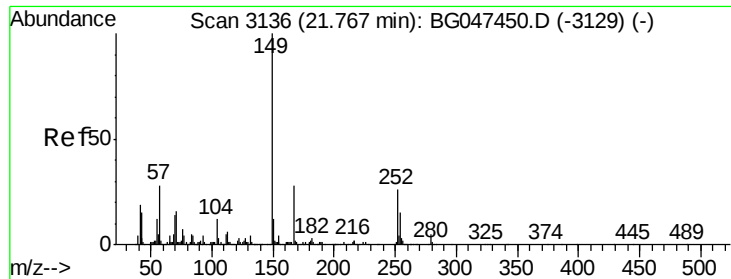
Delta R.T. -0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		501734		
229	21.0		15.6	23.4	
226	26.0		21.7	32.5	





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.621 ng/ul

RT: 21.77 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

Instrument :

BNA_G

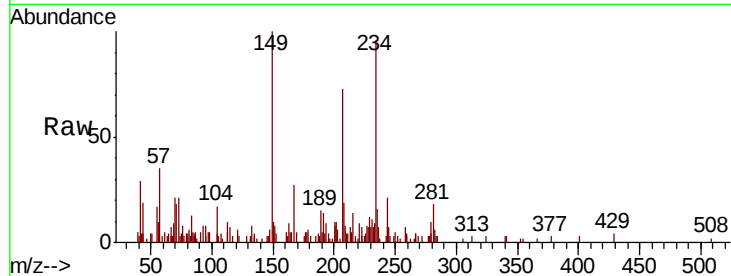
ClientSampleId :

C0B71DL

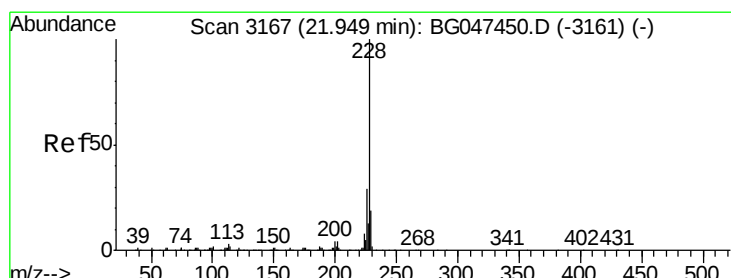
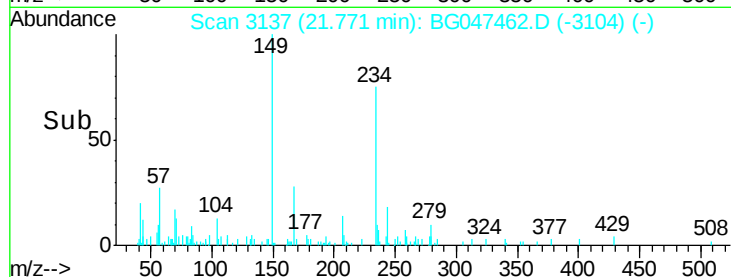
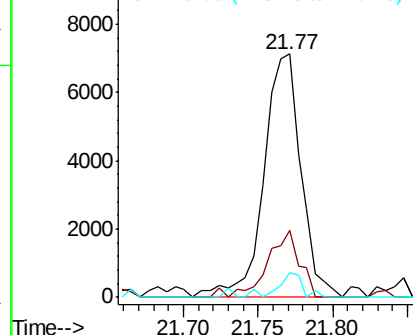
Tot Ion:	149	Resp:	12264
Ion Ratio	Lower	Upper	
149	100		
167	27.4	23.4	35.2
279	14.0	5.9	8.9#

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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: 39.088 ng/ul

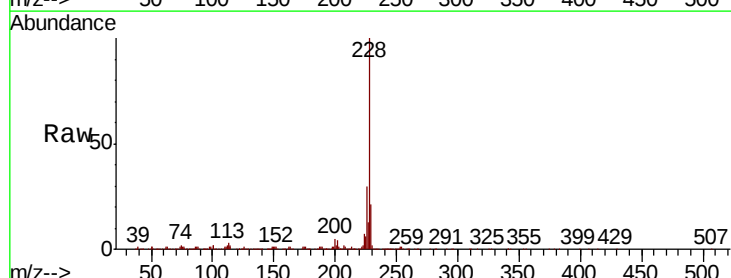
RT: 21.95 min Scan# 3168

Delta R.T. -0.00 min

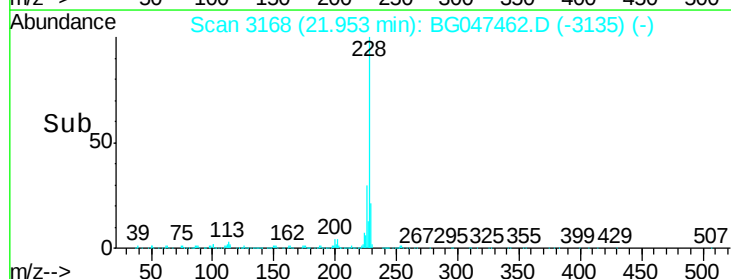
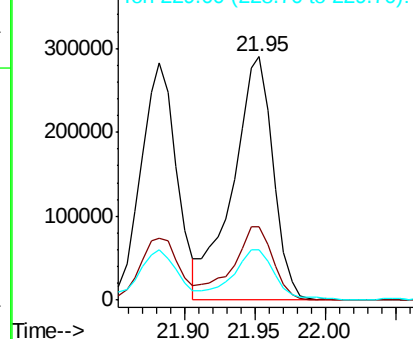
Lab File: BG047462.D

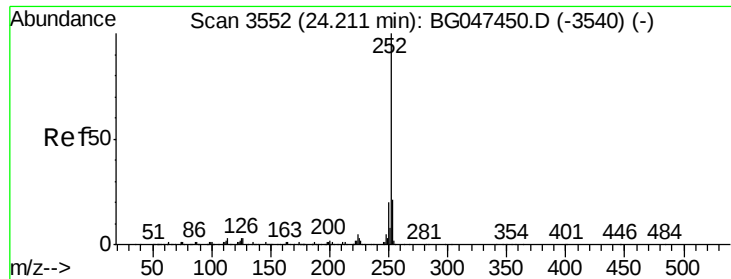
Acq: 25 Nov 2020 1:34

Tgt Ion:	228	Resp:	577560
Ion Ratio	Lower	Upper	
228	100		
226	30.0	22.3	33.5
229	20.9	16.5	24.7



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





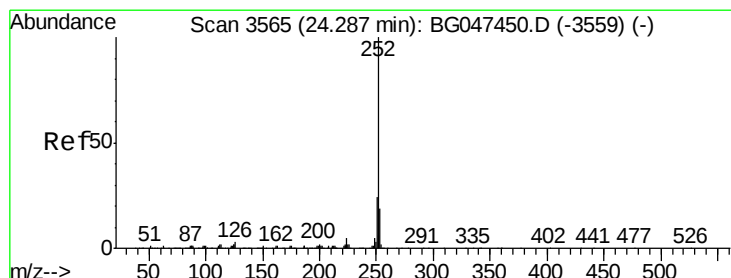
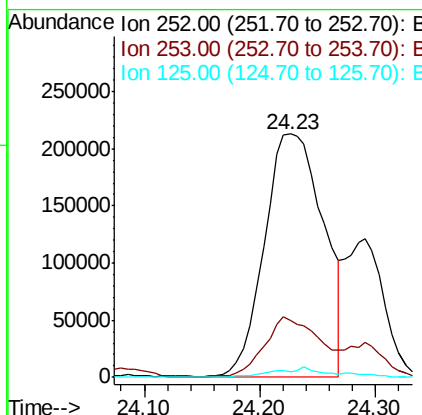
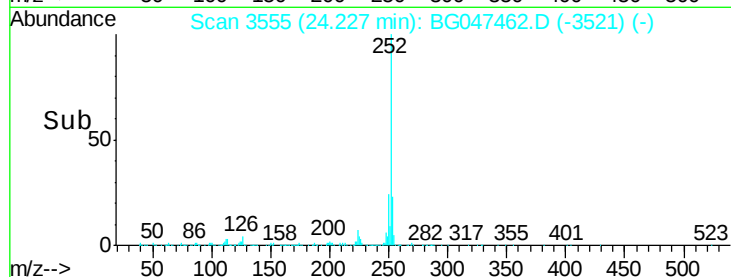
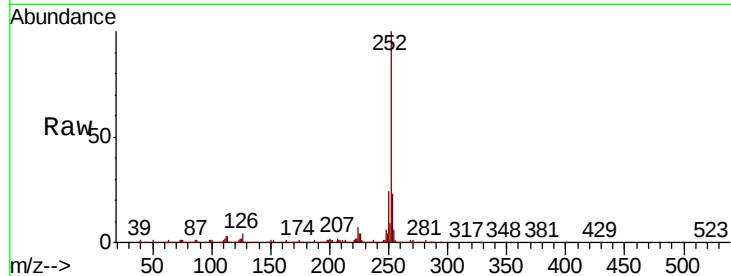
#88
Benzo(b)fluoranthene
Concen: 46.617 ng/ul
RT: 24.23 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BG047462.D
Acq: 25 Nov 2020 1:34

Instrument :
BNA_G
ClientSampleID :
C0B71DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.6	25.0
125	2.5	2.7	4.1#

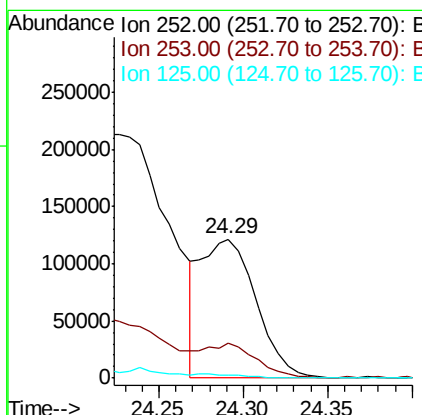
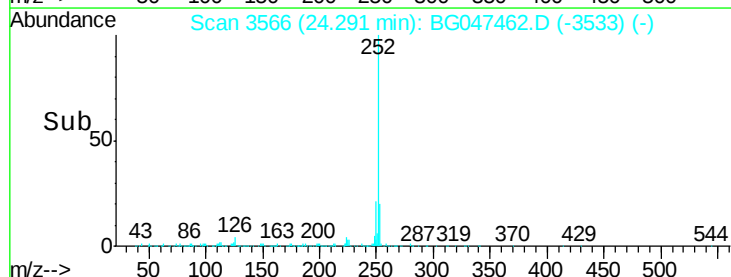
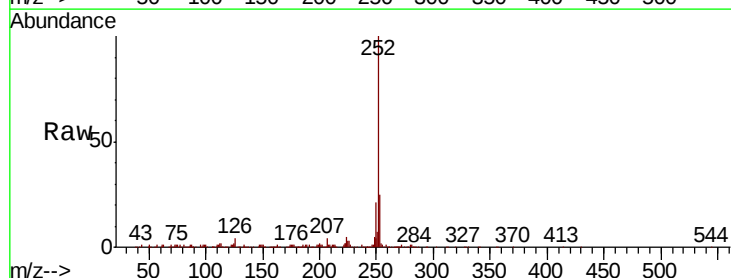
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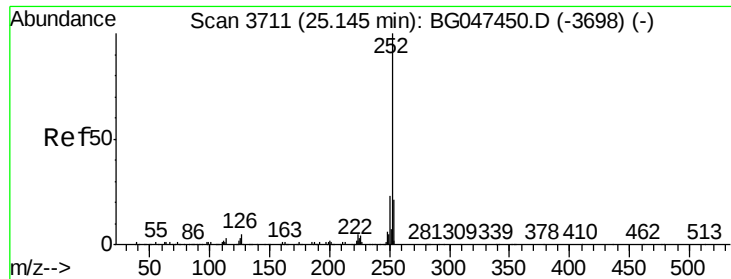
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#89
Benzo(k)fluoranthene
Concen: 17.206 ng/ul m
RT: 24.29 min Scan# 3566
Delta R.T. -0.00 min
Lab File: BG047462.D
Acq: 25 Nov 2020 1:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.4
125	2.3	2.2	3.2





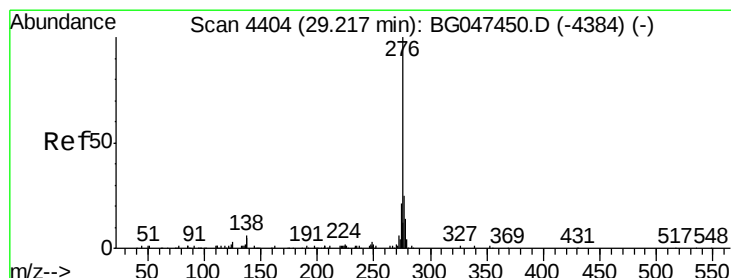
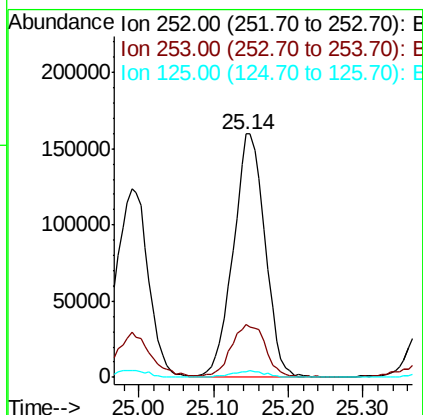
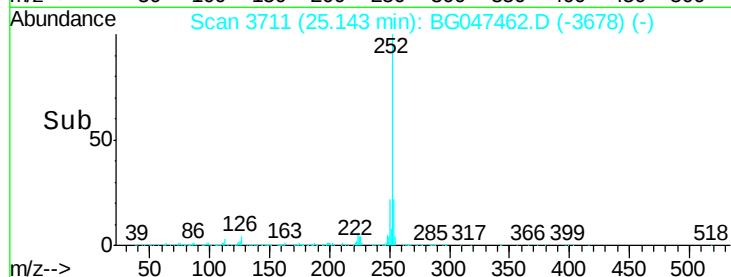
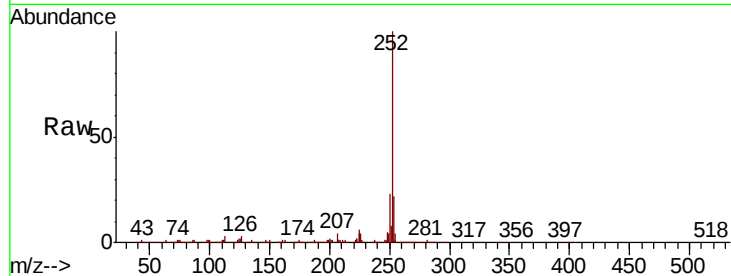
#91
Benzo(a)pyrene
Concen: 32.495 ng/ul m
RT: 25.14 min Scan# 3711
Delta R.T. -0.00 min
Lab File: BG047462.D
Acq: 25 Nov 2020 1:34

Instrument :
BNA_G
ClientSampleId :
C0B71DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.6	27.8
125	2.2	3.1	4.7#

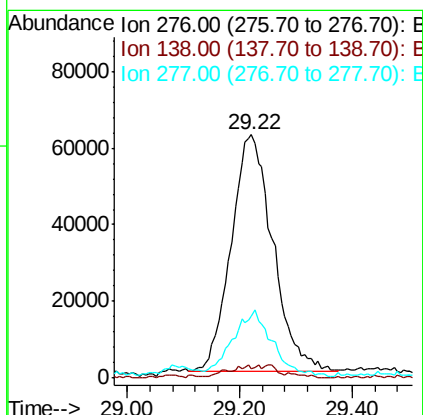
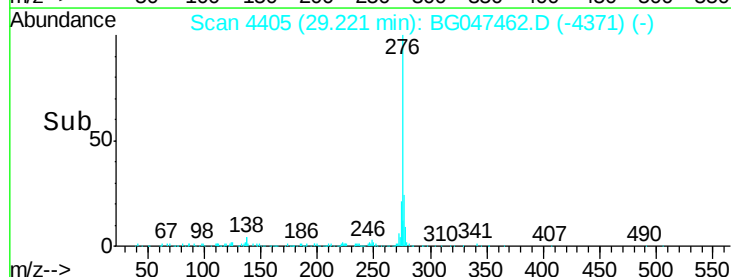
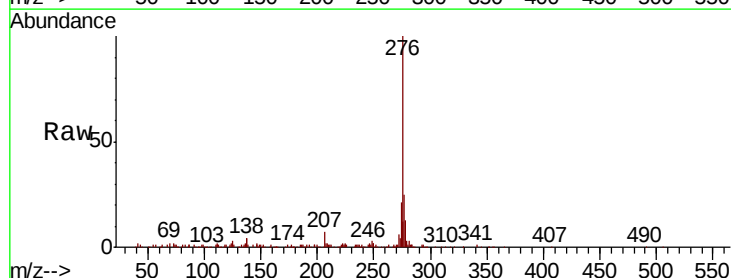
Manual Integrations
APPROVED

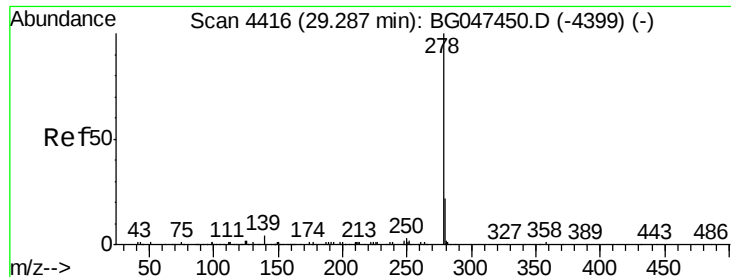
mohammad
11/25/2020 12:49:03 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 18.158 ng/ul m
RT: 29.22 min Scan# 4405
Delta R.T. 0.00 min
Lab File: BG047462.D
Acq: 25 Nov 2020 1:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.1	5.0	7.6#
277	25.2	16.5	24.7#





#93

Dibenzo(a,h)anthracene

Concen: 5.652 ng/ul m

RT: 29.29 min Scan# 4416

Delta R.T. -0.00 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

Instrument :

BNA_G

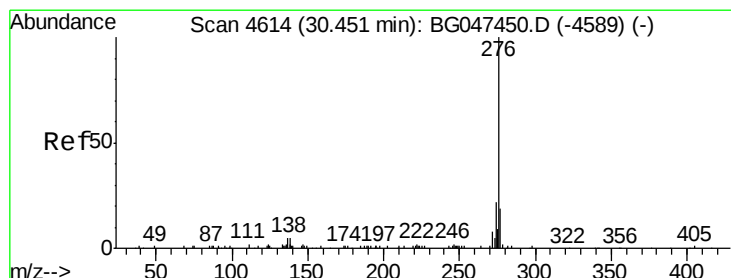
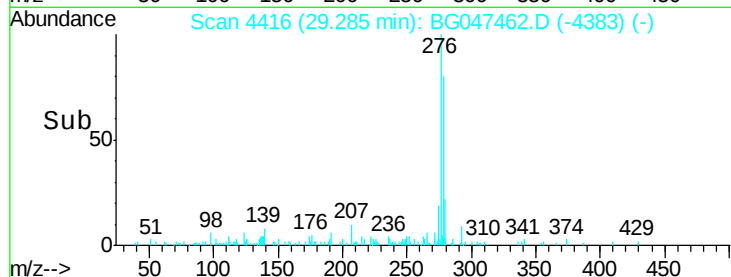
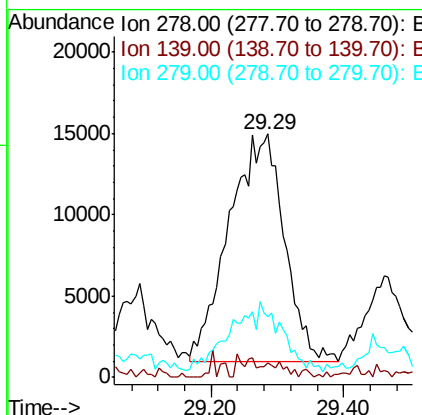
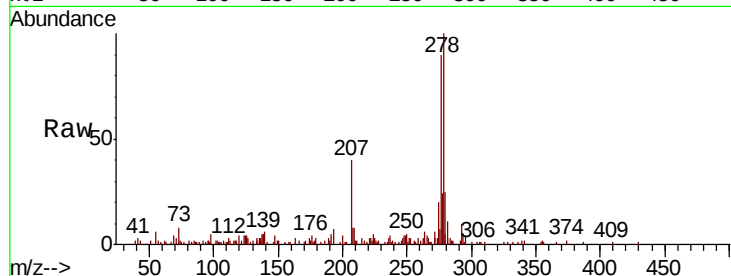
ClientSampleId :

C0B71DL

Tot Ion:	278	Resp:	81606
Ion Ratio	Lower	Upper	
278	100		
139	6.2	4.6	7.0
279	24.9	18.2	27.2

Manual Integrations
APPROVED

mohammad
11/25/2020 12:49:03 PM



#94

Benzo(g,h,i)perylene

Concen: 17.104 ng/ul

RT: 30.45 min Scan# 4615

Delta R.T. 0.01 min

Lab File: BG047462.D

Acq: 25 Nov 2020 1:34

Tgt Ion:	276	Resp:	248517
Ion Ratio	Lower	Upper	
276	100		
138	6.7	5.8	8.6
277	20.3	17.4	26.2

