

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047424.D
 Acq On : 23 Nov 2020 19:53
 Operator : CG/JU
 Sample : L4749-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B47

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:47:10 PM

Quant Time: Nov 24 01:49:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 24 00:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	37342	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	147009	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	104041	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	230788	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	197137	20.00	ng/ul	0.00
86) Perylene-d12	25.32	264	212276	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1959	1.91	ng/uL	0.00
5) Phenol-d5	7.41	99	50304	13.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	26586	12.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	38322	15.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	38645	13.43	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	20090	16.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	22526	17.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	49449	16.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	42686	13.91	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	155278	17.38	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	179813	17.42	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	17287	12.69	ng/ul	0.00
58) Fluorene-d10	15.87	176	137505	16.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	10826	8.24	ng/ul	0.00
71) Anthracene-d10	17.72	188	197983	17.29	ng/ul	0.00
79) Pyrene-d10	19.99	212	211244	18.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	213363	17.46	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.43	94	7303	2.035	ng/ul#	86
45) Dimethylphthalate	14.32	163	18235	2.002	ng/ul#	97
59) Fluorene	15.92	166	11463	1.377	ng/ul	98
70) Phenanthrene	17.66	178	500614	40.168	ng/ul	95
72) Anthracene	17.76	178	93086	7.417	ng/ul	98
75) Carbazole	18.01	167	45330	4.477	ng/ul	99
77) Fluoranthene	19.66	202	1733430	110.131	ng/ul	99
80) Pyrene	20.02	202	1370691	98.157	ng/ul	100
81) Butylbenzylphthalate	20.88	149	5480	1.117	ng/ul#	70
83) Benzo(a)anthracene	21.89	228	846609	60.357	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	25683	3.757	ng/ul#	95
85) Chrysene	21.96	228	905690	67.851	ng/ul	97
88) Benzo(b)fluoranthene	24.24	252	1282303	85.556	ng/ul#	96
89) Benzo(k)fluoranthene	24.30	252	429328m	29.068	ng/ul	
91) Benzo(a)pyrene	25.16	252	832789	62.330	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.25	276	592977	36.486	ng/ul#	92
93) Dibenzo(a,h)anthracene	29.30	278	147193m	11.046	ng/ul	
94) Benzo(g,h,i)perylene	30.47	276	510714	38.084	ng/ul	96

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

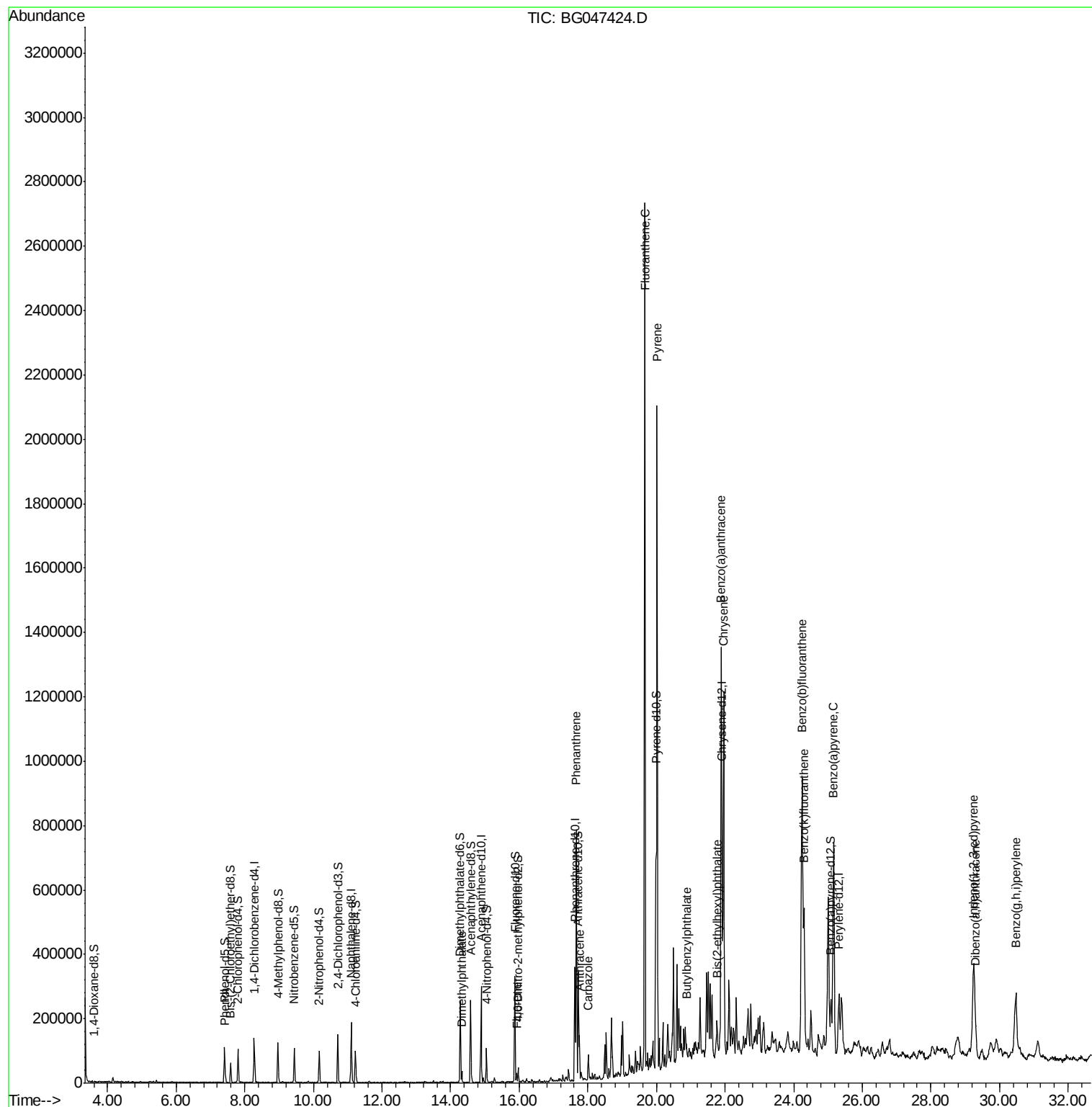
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047424.D
Acq On : 23 Nov 2020 19:53
Operator : CG/JU
Sample : L4749-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

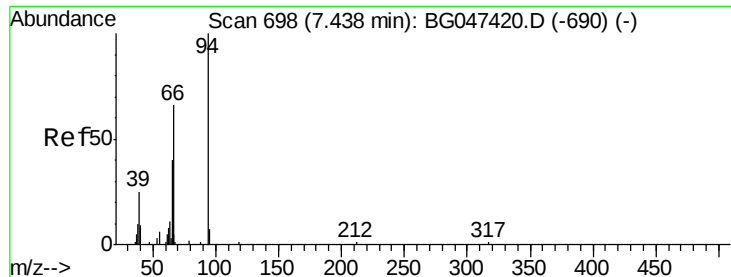
Instrument :
BNA_G
ClientSampleId :
C0B47

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.035 ng/ul

RT: 7.43 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG047424.D

Acq: 23 Nov 2020 19:53

Instrument :

BNA_G

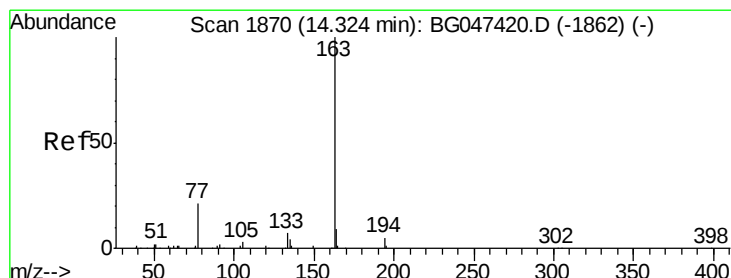
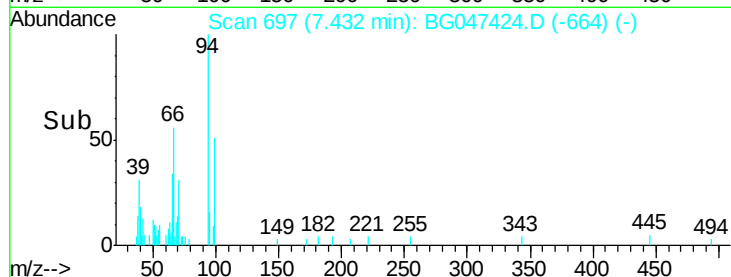
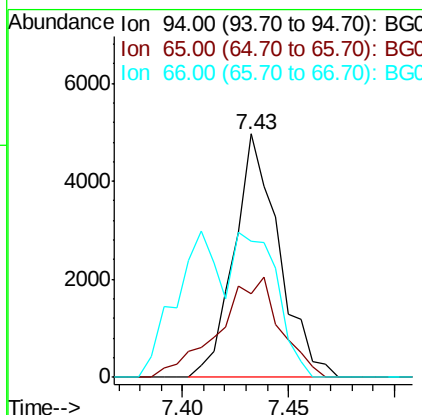
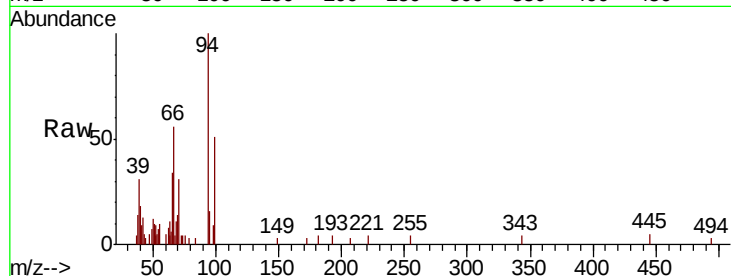
ClientSampleId :

C0B47

Tot Ion:	94	Resp:	7303
Ion	Ratio	Lower	Upper
94	100		
65	34.3	37.8	56.8#
66	56.1	51.6	77.4

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#45

Dimethylphthalate

Concen: 2.002 ng/ul

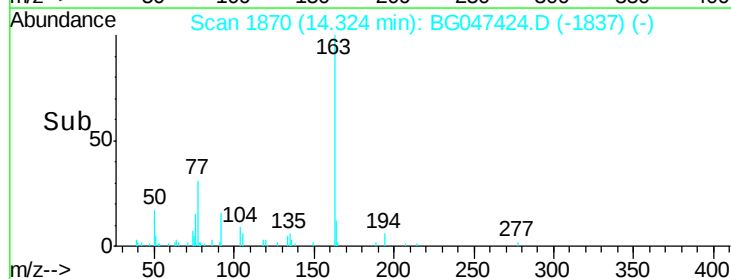
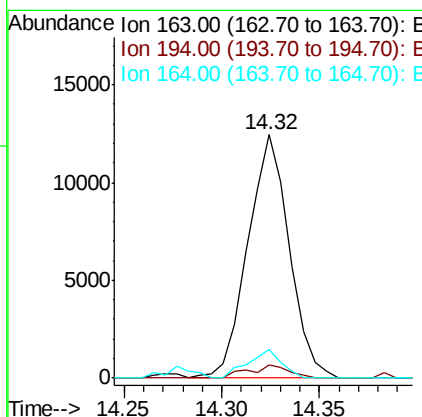
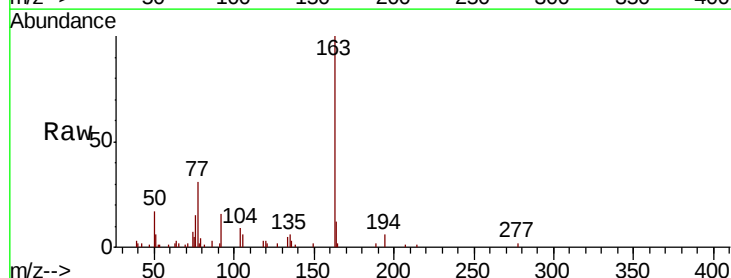
RT: 14.32 min Scan# 1870

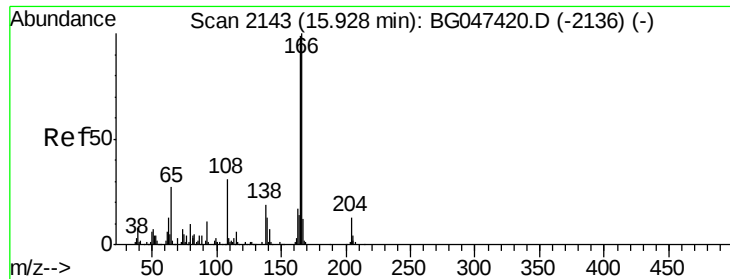
Delta R.T. -0.01 min

Lab File: BG047424.D

Acq: 23 Nov 2020 19:53

Tgt Ion:	163	Resp:	18235
Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.6	5.4#
164	11.8	8.5	12.7





#59

Fluorene

Concen: 1.377 ng/ul

RT: 15.92 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG047424.D

Acq: 23 Nov 2020 19:53

Instrument :

BNA_G

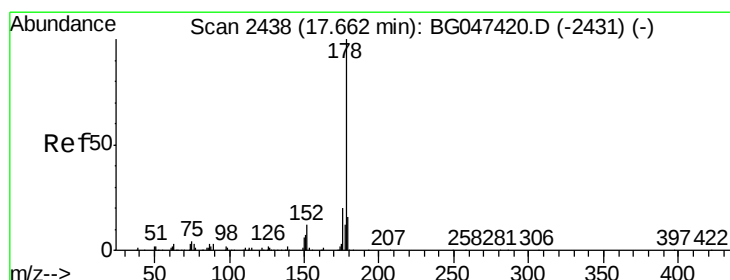
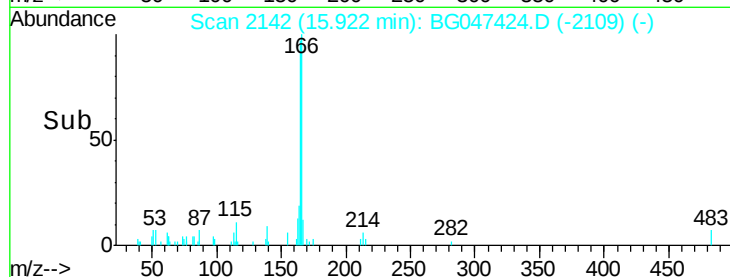
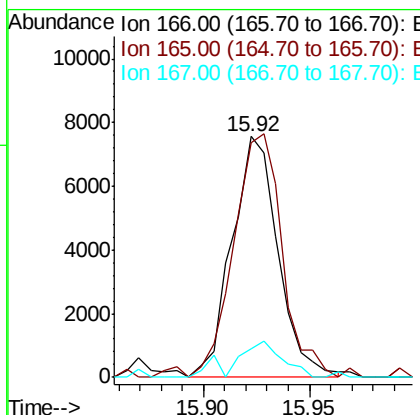
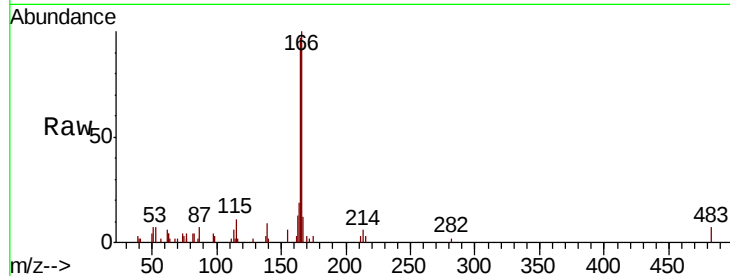
ClientSampleId :

C0B47

Tot Ion:	166	Resp:	11463
Ion Ratio	Lower	Upper	
166	100		
165	97.4	79.8	119.6
167	11.9	10.8	16.2

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#70

Phenanthrene

Concen: 40.168 ng/ul

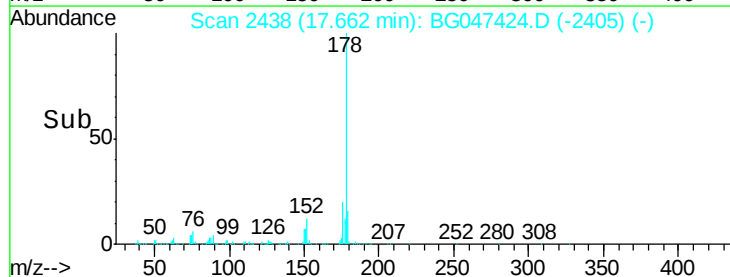
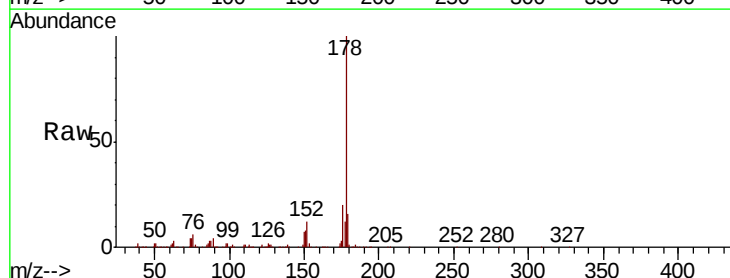
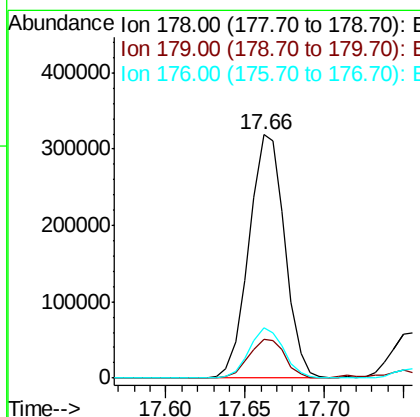
RT: 17.66 min Scan# 2438

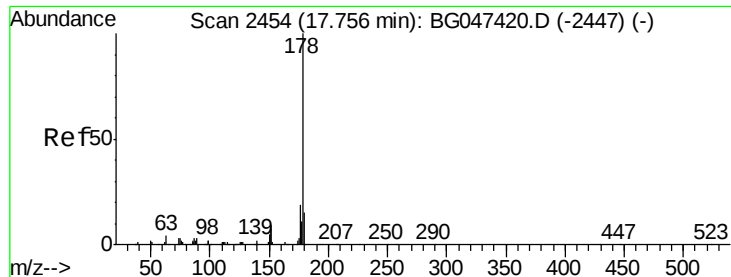
Delta R.T. -0.01 min

Lab File: BG047424.D

Acq: 23 Nov 2020 19:53

Tgt Ion:	178	Resp:	500614
Ion Ratio	Lower	Upper	
178	100		
179	15.8	11.8	17.6
176	20.4	13.9	20.9





#72

Anthracene

Concen: 7.417 ng/ul

RT: 17.76 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG047424.D

Acq: 23 Nov 2020 19:53

Instrument :

BNA_G

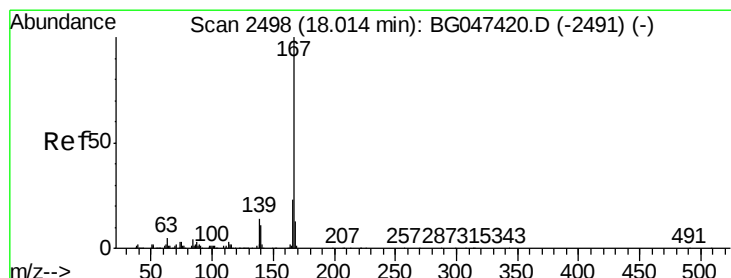
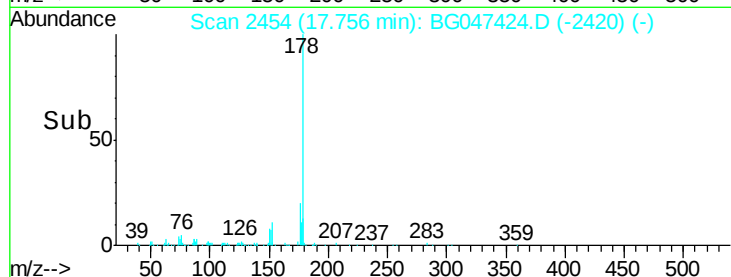
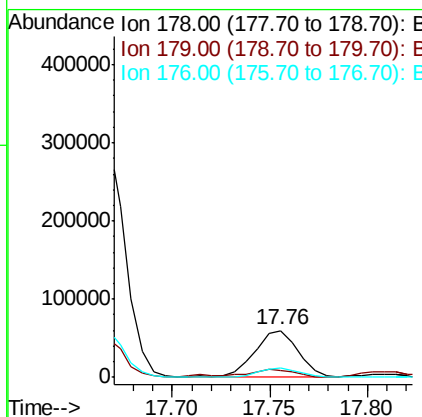
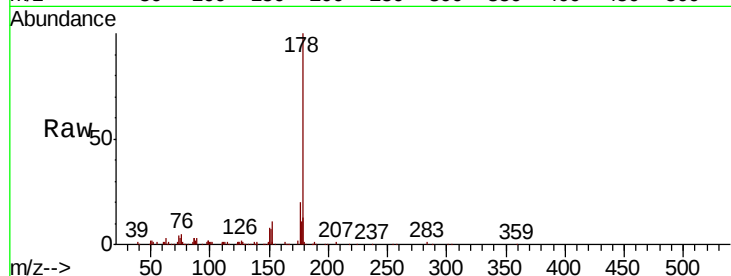
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
178	100		
179	13.5	11.7	17.5
176	19.8	15.4	23.0

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#75

Carbazole

Concen: 4.477 ng/ul

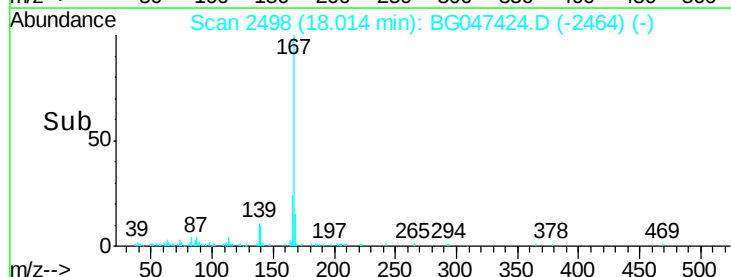
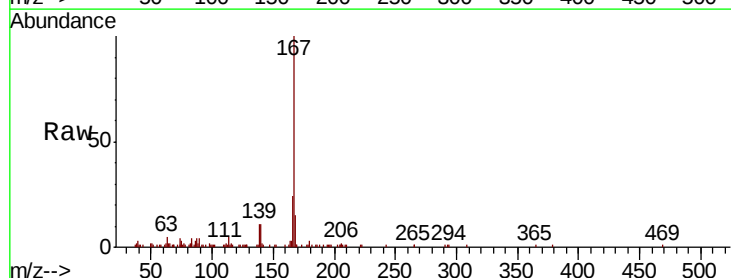
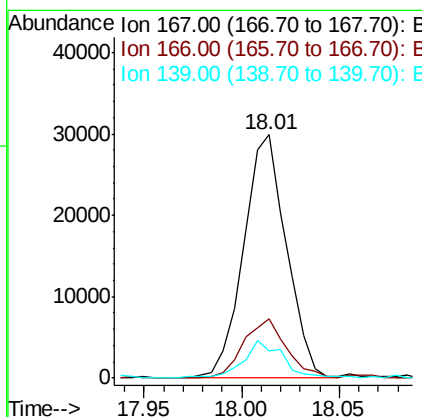
RT: 18.01 min Scan# 2498

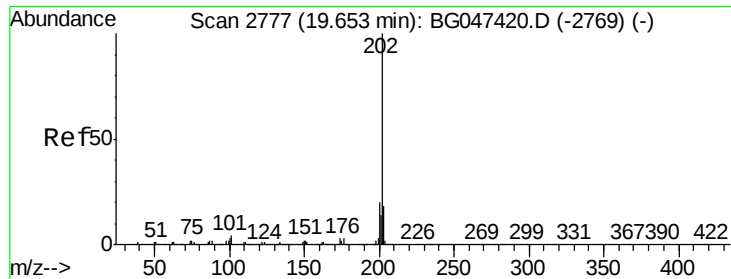
Delta R.T. 0.00 min

Lab File: BG047424.D

Acq: 23 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.2	19.2	28.8
139	11.3	10.0	15.0





#77

Fluoranthene

Concen: 110.131 ng/ul

RT: 19.66 min Scan# 2778

Delta R.T. 0.01 min

Lab File: BG047424.D

Acq: 23 Nov 2020 19:53

Instrument :

BNA_G

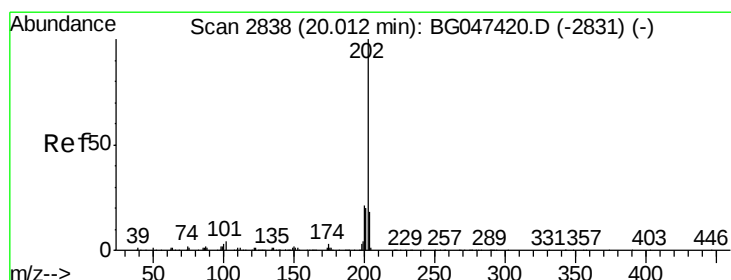
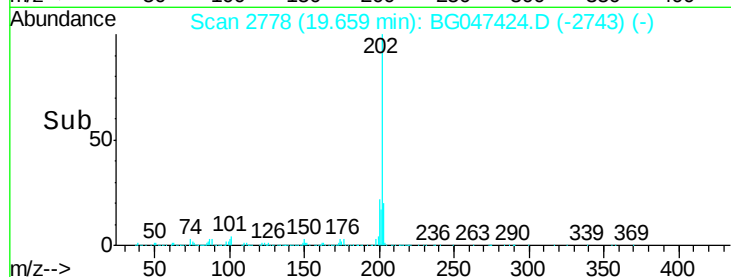
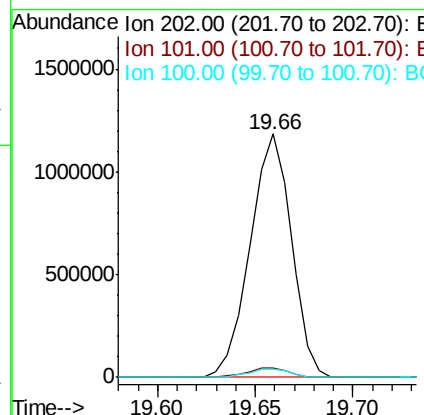
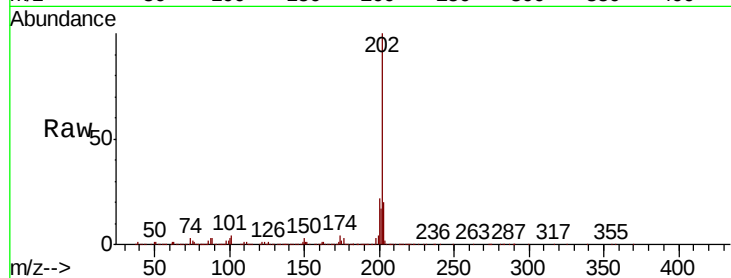
ClientSampleId :

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Tot Ion:	202	Resp:	1733430
Ion	Ratio	Lower	Upper
202	100		
101	4.1	3.0	4.6
100	3.4	3.0	4.6

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#80

Pyrene

Concen: 98.157 ng/ul

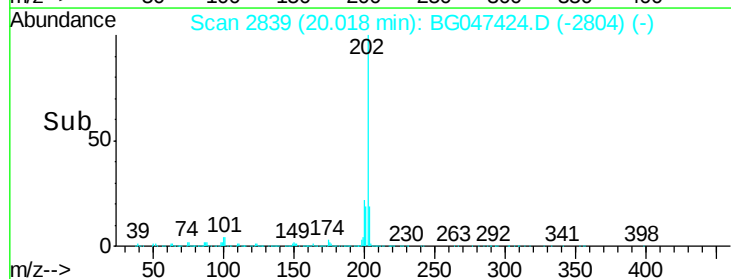
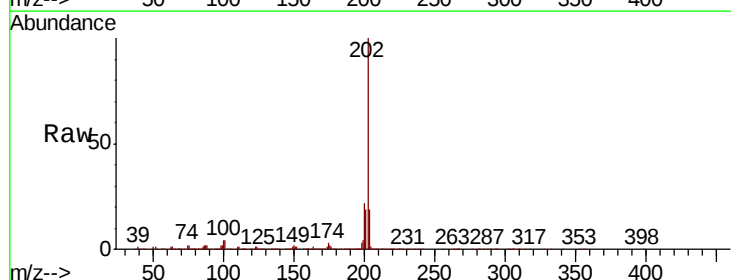
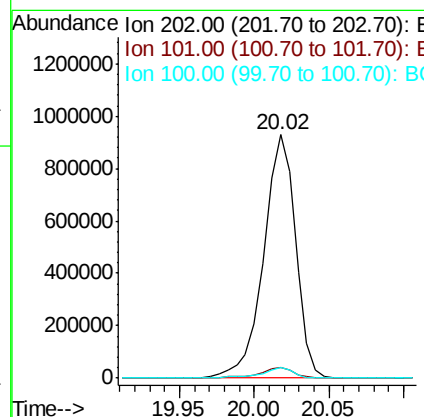
RT: 20.02 min Scan# 2839

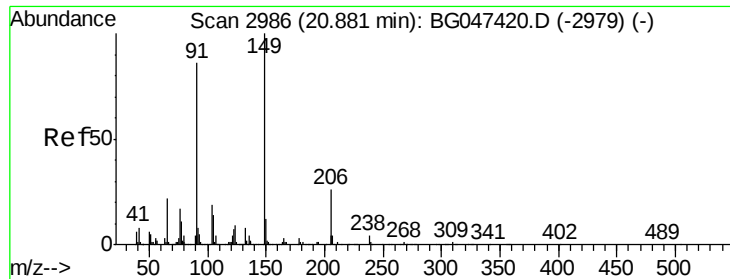
Delta R.T. 0.01 min

Lab File: BG047424.D

Acq: 23 Nov 2020 19:53

Tgt Ion:	202	Resp:	1370691
Ion	Ratio	Lower	Upper
202	100		
101	4.4	3.5	5.3
100	4.4	3.4	5.0





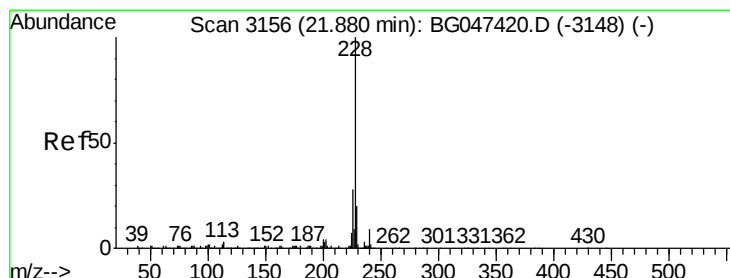
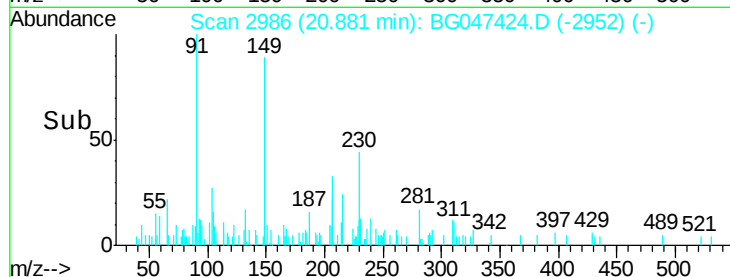
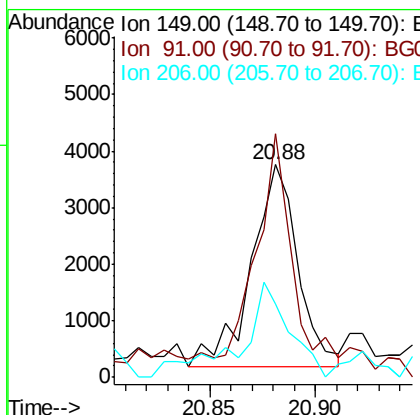
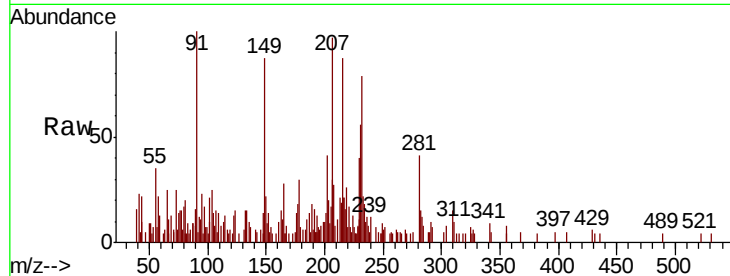
#81
Butylbenzylphthalate
Concen: 1.117 ng/ul
RT: 20.88 min Scan# 2986
Delta R.T. 0.00 min
Lab File: BG047424.D
Acq: 23 Nov 2020 19:53

Instrument :
BNA_G
ClientSampleId :
C0B47

Tot Ion	Ratio	Lower	Upper
149	100		
91	114.7	67.9	101.9#
206	34.3	19.3	28.9#

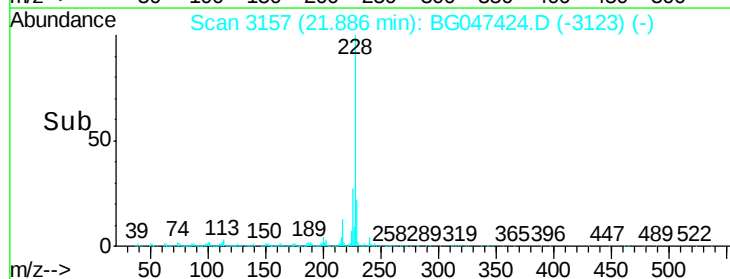
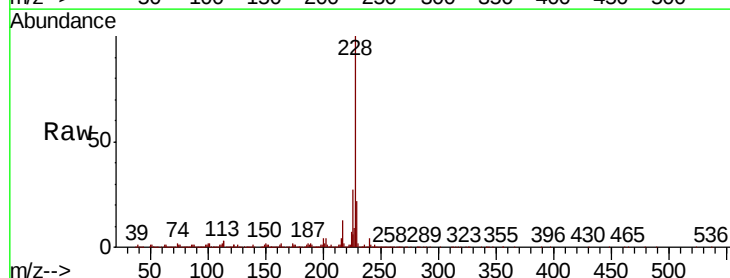
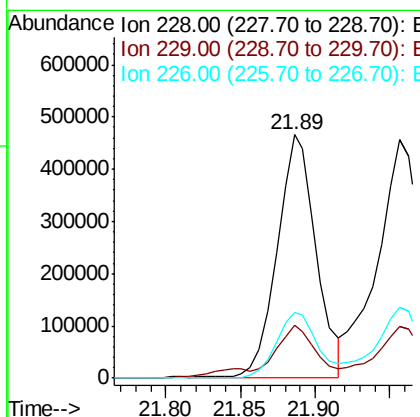
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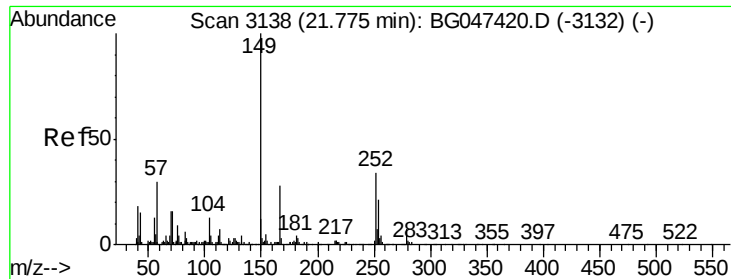
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#83
Benzo(a)anthracene
Concen: 60.357 ng/ul
RT: 21.89 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG047424.D
Acq: 23 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.6	23.4
226	27.0	21.7	32.5





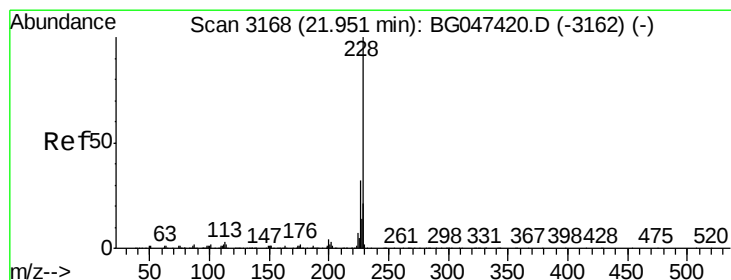
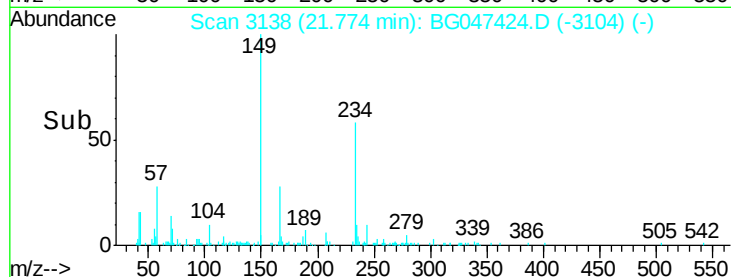
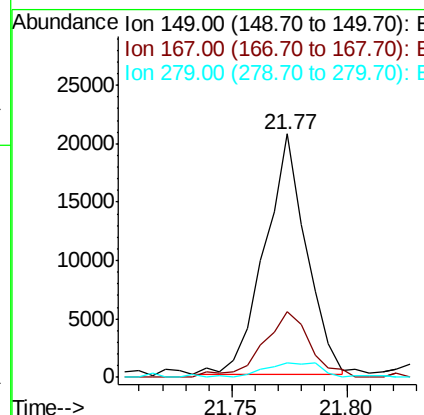
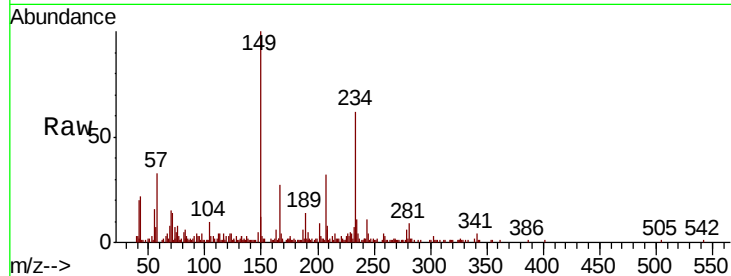
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.757 ng/ul
 RT: 21.77 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG047424.D
 Acq: 23 Nov 2020 19:53

Instrument :
 BNA_G
 ClientSampleId :
 C0B47

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	23.4	35.2
279	5.8	5.9	8.9

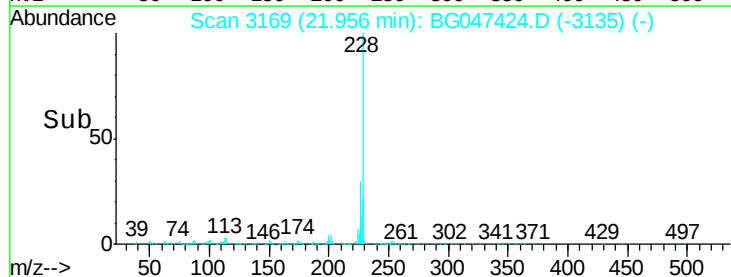
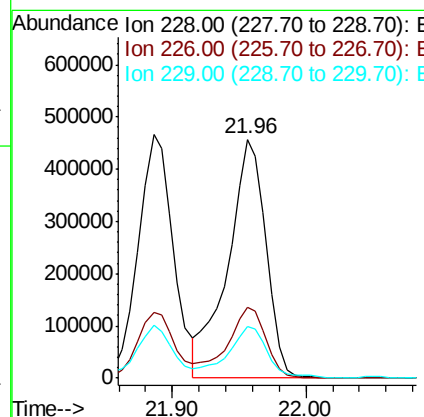
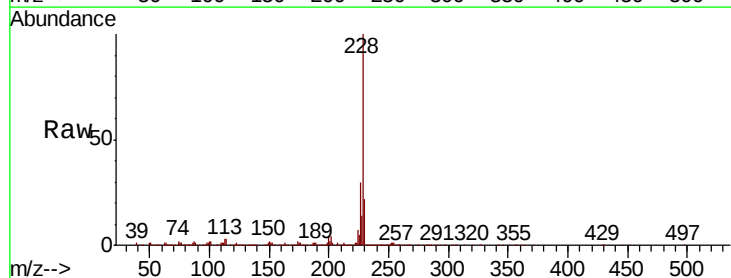
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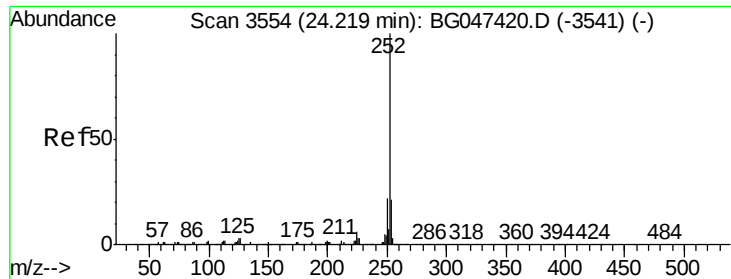
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#85
 Chrysene
 Concen: 67.851 ng/ul
 RT: 21.96 min Scan# 3169
 Delta R.T. 0.00 min
 Lab File: BG047424.D
 Acq: 23 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.3	33.5
229	21.8	16.5	24.7





#88

Benzo(b)fluoranthene

Concen: 85.556 ng/ul

RT: 24.24 min Scan# 3558

Delta R.T. 0.02 min

Lab File: BG047424.D

Acq: 23 Nov 2020 19:53

Instrument :

BNA_G

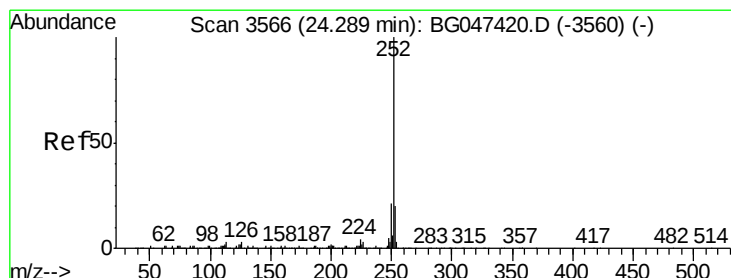
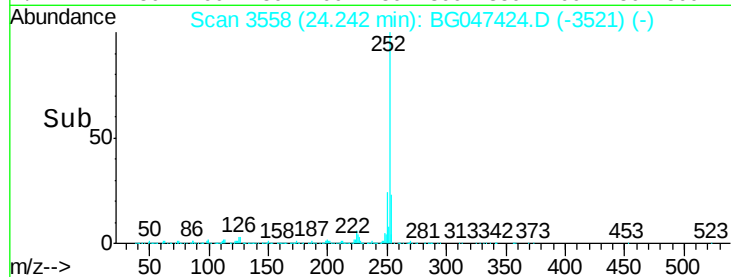
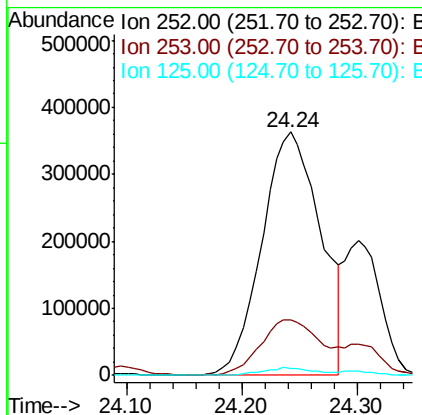
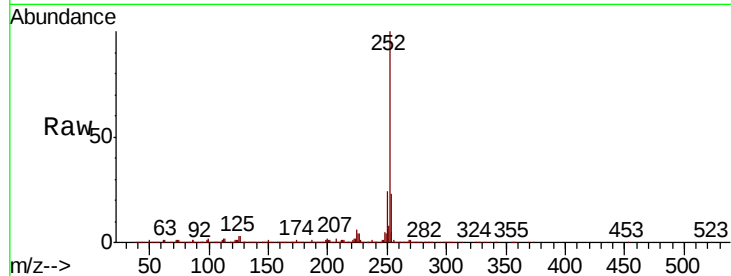
ClientSampleId :

C0B47

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.6	25.0
125	2.7	2.7	4.1

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#89

Benzo(k)fluoranthene

Concen: 29.068 ng/ul m

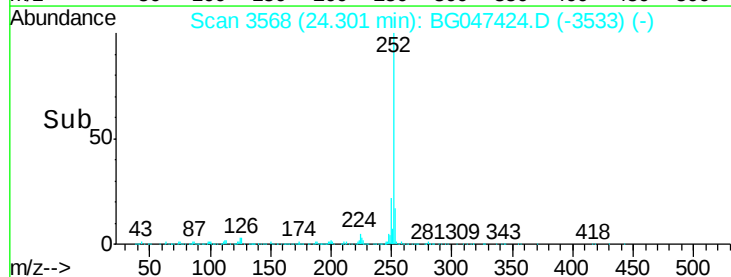
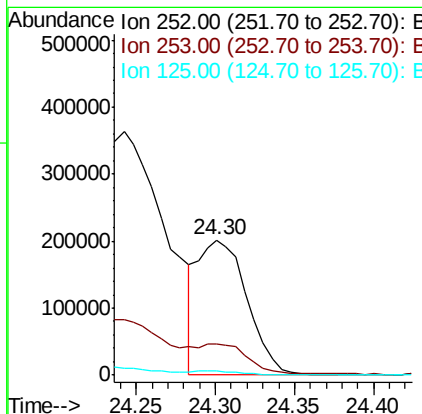
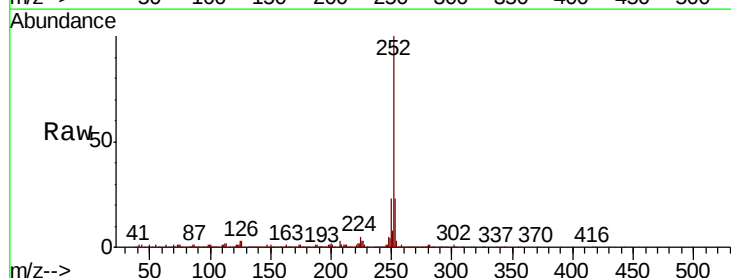
RT: 24.30 min Scan# 3568

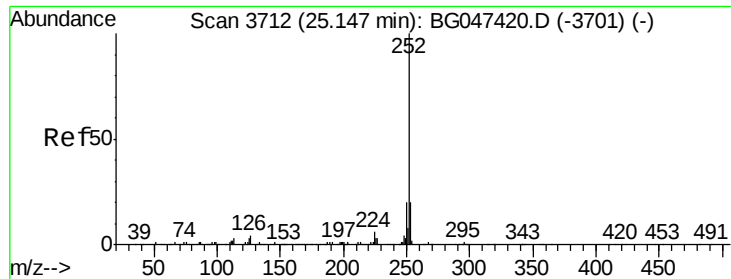
Delta R.T. 0.01 min

Lab File: BG047424.D

Acq: 23 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	2.8	2.2	3.2





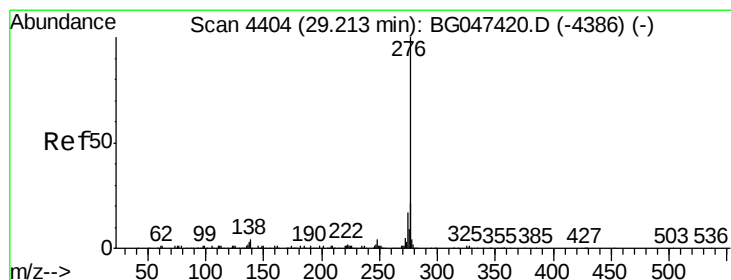
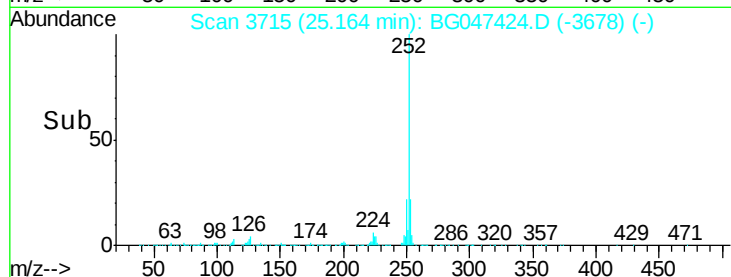
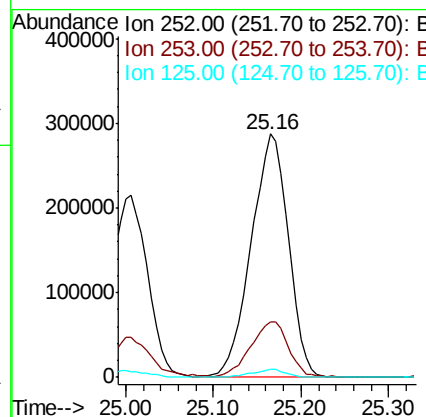
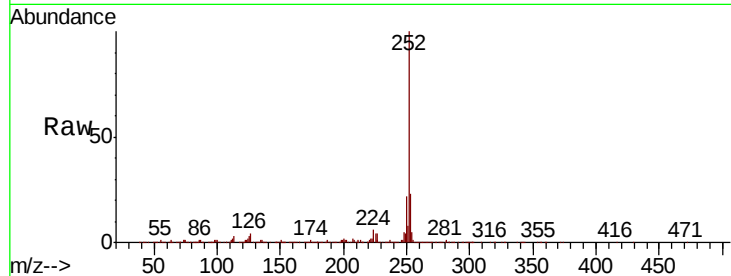
#91
Benzo(a)pyrene
Concen: 62.330 ng/ul
RT: 25.16 min Scan# 3715
Delta R.T. 0.02 min
Lab File: BG047424.D
Acq: 23 Nov 2020 19:53

Instrument :
BNA_G
ClientSampleId :
C0B47

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	3.2	3.1	4.7

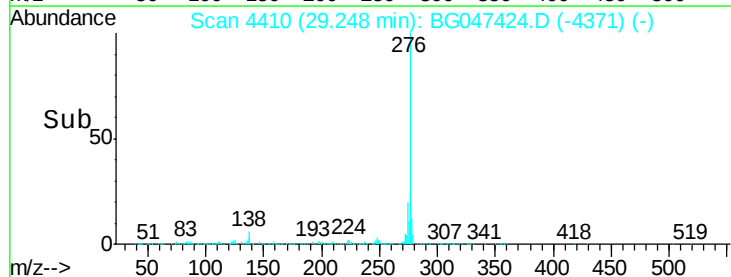
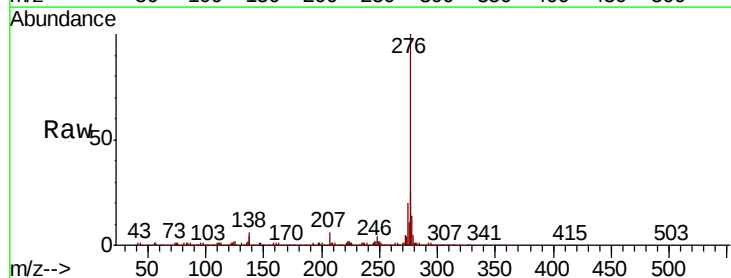
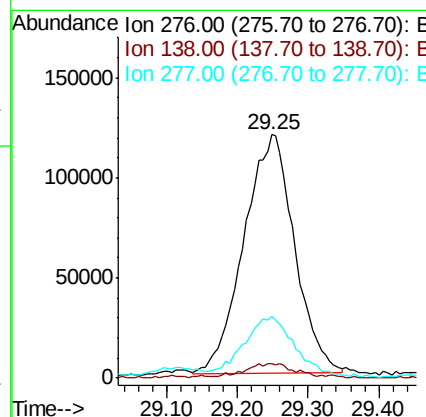
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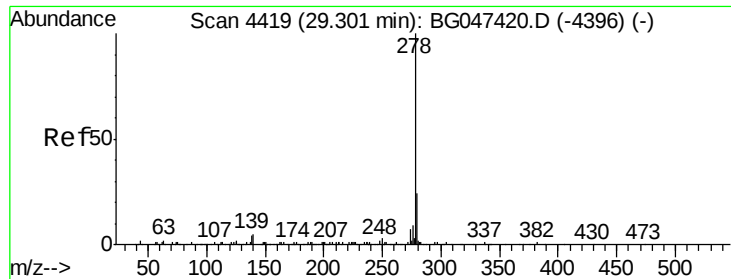
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#92
Indeno(1,2,3-cd)pyrene
Concen: 36.486 ng/ul
RT: 29.25 min Scan# 4410
Delta R.T. 0.03 min
Lab File: BG047424.D
Acq: 23 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.9	5.0	7.6
277	25.1	16.5	24.7#





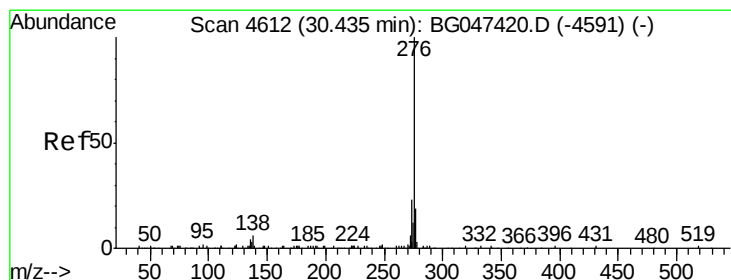
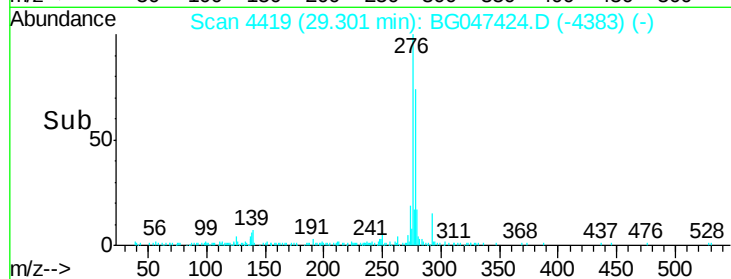
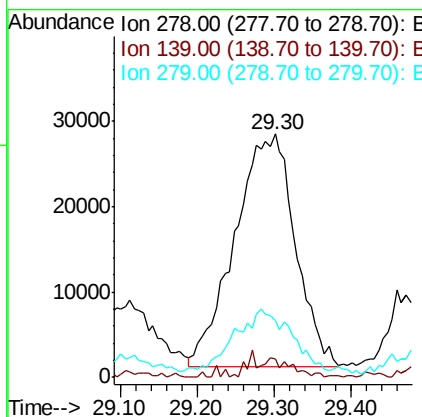
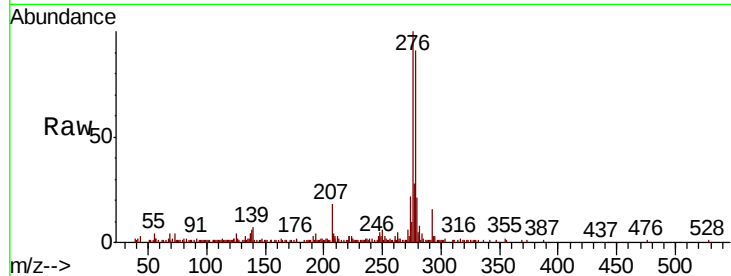
#93
Dibenzo(a,h)anthracene
Concen: 11.046 ng/ul m
RT: 29.30 min Scan# 4419
Delta R.T. 0.01 min
Lab File: BG047424.D
Acq: 23 Nov 2020 19:53

Instrument :
BNA_G
ClientSampleId :
C0B47

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.7	4.6	7.0#
279	23.1	18.2	27.2

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 38.084 ng/ul
RT: 30.47 min Scan# 4618
Delta R.T. 0.02 min
Lab File: BG047424.D
Acq: 23 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.8	5.8	8.6
277	24.2	17.4	26.2

