

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047427.D
 Acq On : 24 Nov 2020 1:05
 Operator : CG/JU
 Sample : L4749-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B17

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:47:28 PM

Quant Time: Nov 24 06:34:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 24 05:59:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	44957	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	172187	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	123228	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	265122m	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	219589m	20.00	ng/ul	0.00
86) Perylene-d12	25.32	264	248861m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	1586m	1.28	ng/uL	0.00
5) Phenol-d5	7.41	99	51211	11.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	28019	10.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	39897	13.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	38648	11.15	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	20856	14.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	21926	14.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	47784	13.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	29008	8.07	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	145482	13.75	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	176423	14.43	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	16644	10.31	ng/ul	0.00
58) Fluorene-d10	15.87	176	132999	13.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	8225	5.45	ng/ul	0.00
71) Anthracene-d10	17.72	188	192467	14.63	ng/ul	0.00
79) Pyrene-d10	19.99	212	198078m	15.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	199522	13.93	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.44	94	8833	2.045	ng/ul#	82
45) Dimethylphthalate	14.32	163	20112	1.864	ng/ul	99
50) Acenaphthene	14.94	153	11301	1.418	ng/ul	89
59) Fluorene	15.93	166	13837	1.403	ng/ul#	81
70) Phenanthrene	17.67	178	449723	31.412	ng/ul	95
72) Anthracene	17.75	178	75150	5.212	ng/ul	98
75) Carbazole	18.01	167	54575	4.692	ng/ul	96
77) Fluoranthene	19.66	202	1408646	77.906	ng/ul	99
80) Pvrene	20.02	202	1131700	72.756	ng/ul	100
83) Benzo(a)anthracene	21.89	228	752760m	48.179	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.77	149	72485	9.519	ng/ul	99
85) Chrysene	21.96	228	834631	56.135	ng/ul	96
88) Benzo(b)fluoranthene	24.25	252	1242905	70.737	ng/ul	95
89) Benzo(k)fluoranthene	24.30	252	386000	22.292	ng/ul	100
91) Benzo(a)pyrene	25.16	252	727273m	46.431	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.25	276	537058	28.187	ng/ul#	93
93) Dibenzo(a,h)anthracene	29.29	278	141923	9.085	ng/ul#	88
94) Benzo(g,h,i)perylene	30.47	276	434583	27.643	ng/ul	99

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

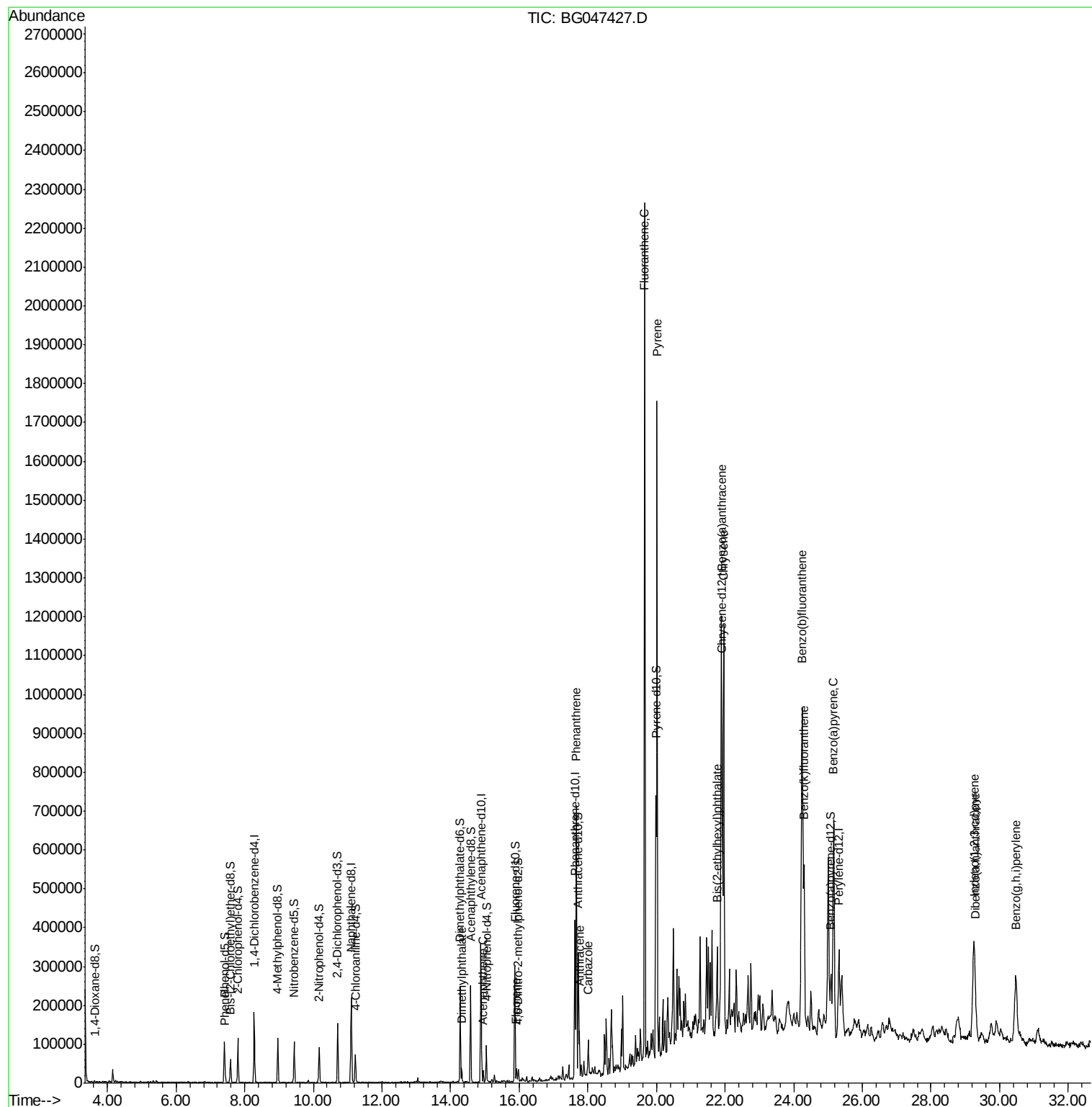
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047427.D
Acq On : 24 Nov 2020 1:05
Operator : CG/JU
Sample : L4749-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

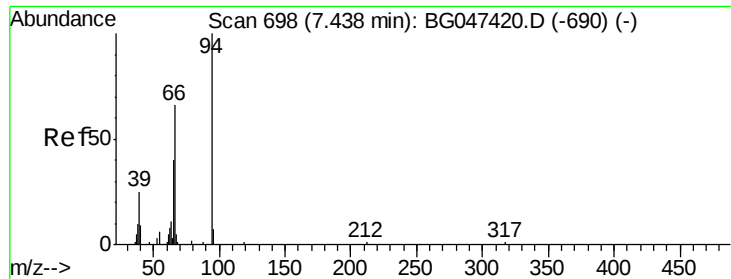
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Nov 24 06:34:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 05:59:26 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.045 ng/ul

RT: 7.44 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG047427.D

Acq: 24 Nov 2020 1:05

Instrument :

BNA_G

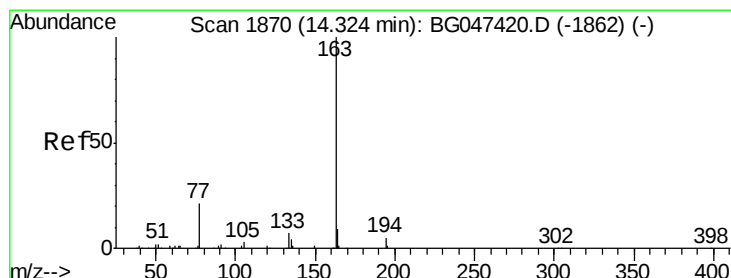
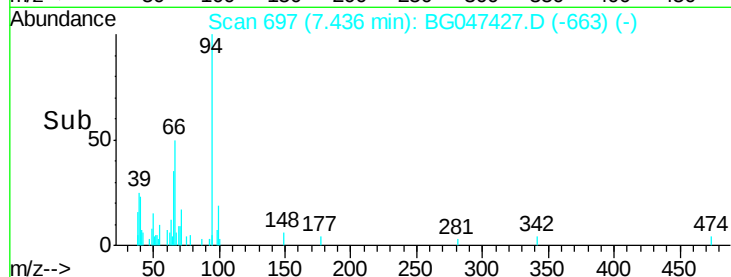
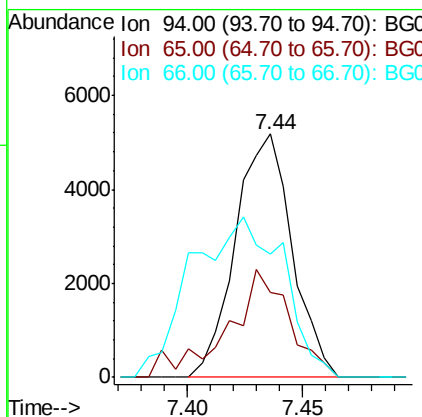
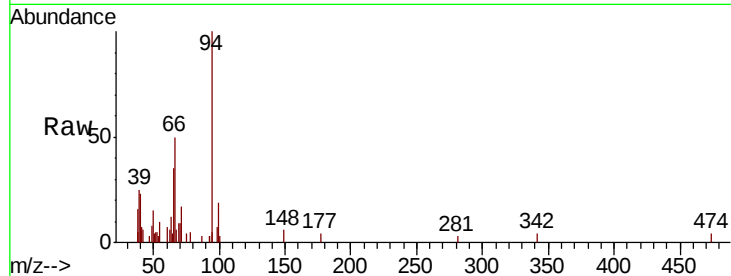
ClientSampled :

C0B17

Tot Ion:	94	Resp:	8833
Ion	Ratio	Lower	Upper
94	100		
65	34.7	37.8	56.8#
66	50.5	51.6	77.4#

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#45

Dimethylphthalate

Concen: 1.864 ng/ul

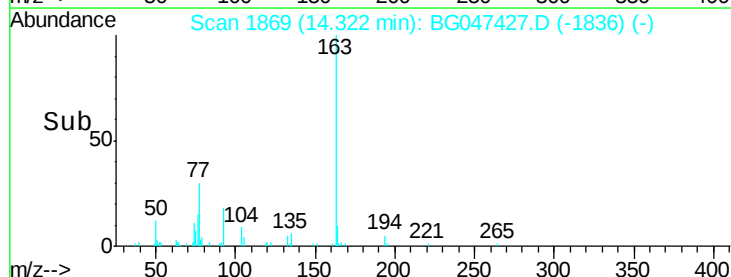
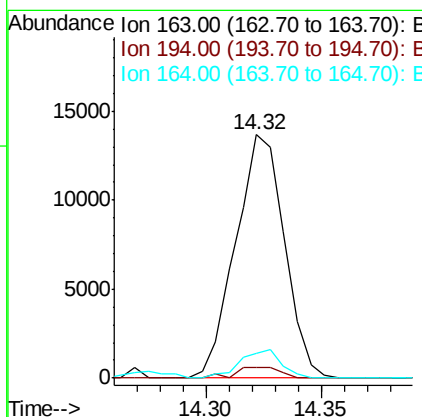
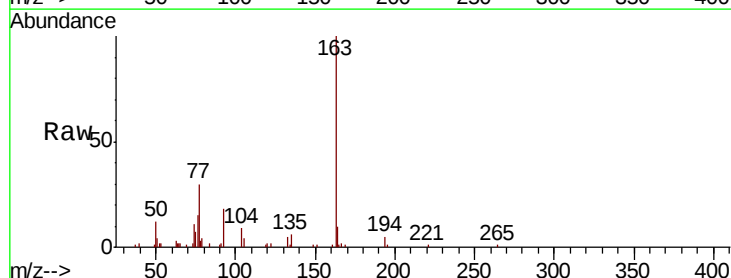
RT: 14.32 min Scan# 1869

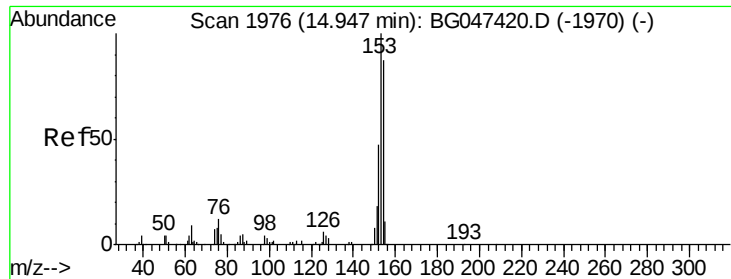
Delta R.T. -0.01 min

Lab File: BG047427.D

Acq: 24 Nov 2020 1:05

Tgt Ion:	163	Resp:	20112
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.2	8.5	12.7





#50

Acenaphthene

Concen: 1.418 ng/ul

RT: 14.94 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG047427.D

Acq: 24 Nov 2020 1:05

Instrument :

BNA_G

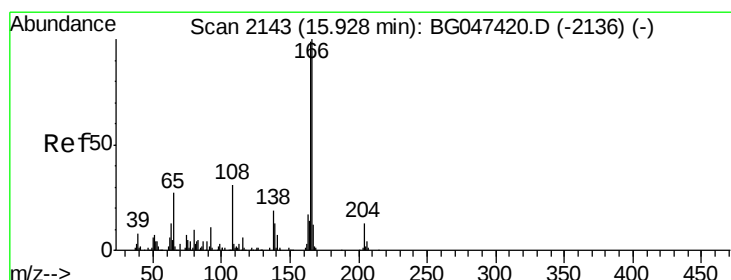
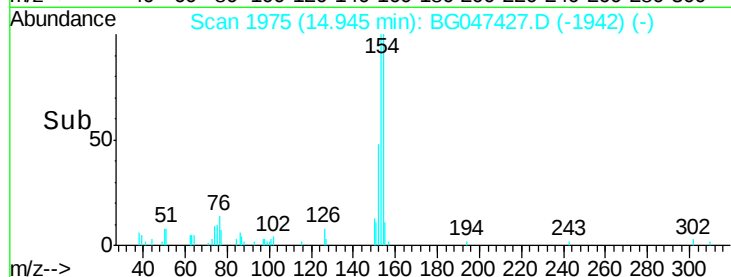
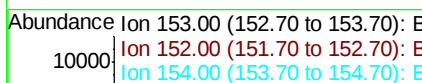
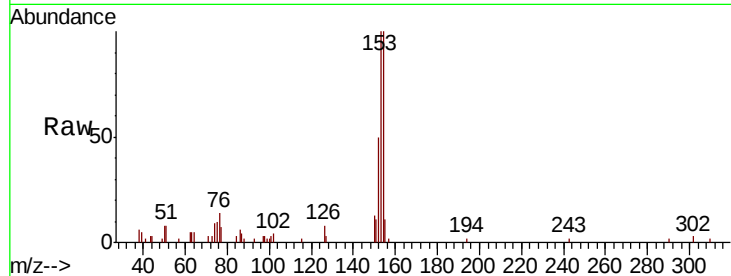
ClientSampleId :

C0B17

Tot Ion:	153	Resp:	11301
Ion Ratio	Lower	Upper	
153	100		
152	50.4	36.9	55.3
154	99.9	69.7	104.5

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#59

Fluorene

Concen: 1.403 ng/ul

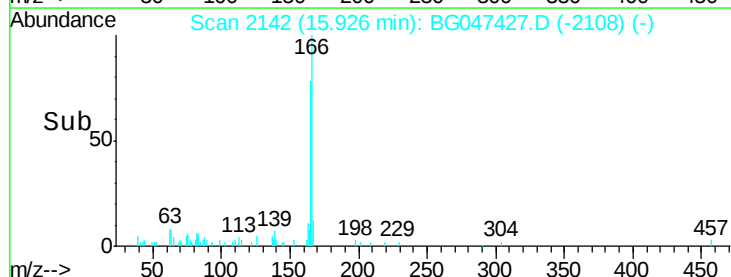
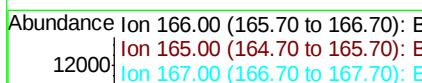
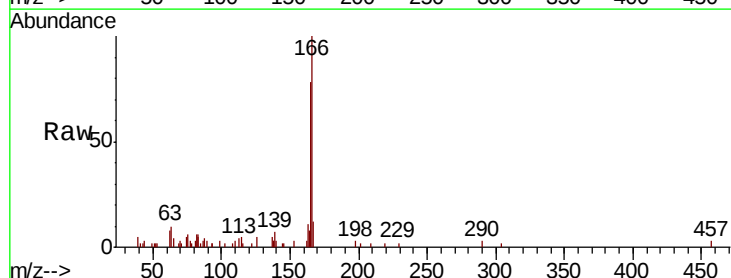
RT: 15.93 min Scan# 2142

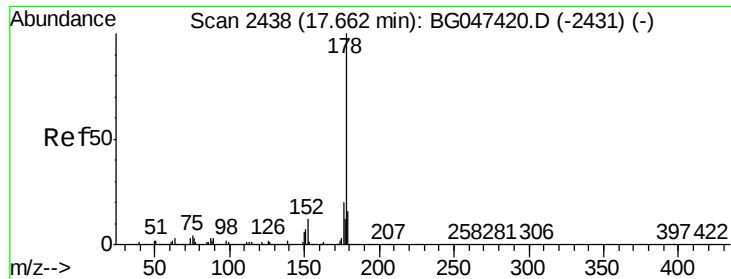
Delta R.T. -0.00 min

Lab File: BG047427.D

Acq: 24 Nov 2020 1:05

Tgt Ion:	166	Resp:	13837
Ion Ratio	Lower	Upper	
166	100		
165	78.4	79.8	119.6#
167	12.3	10.8	16.2





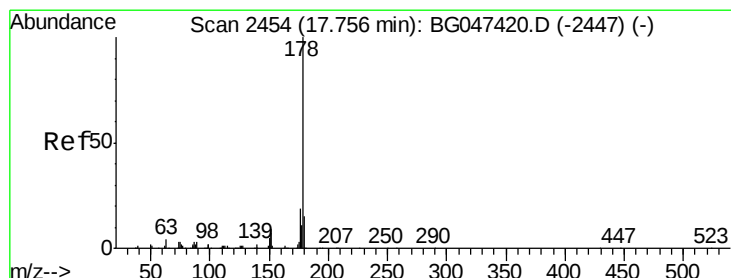
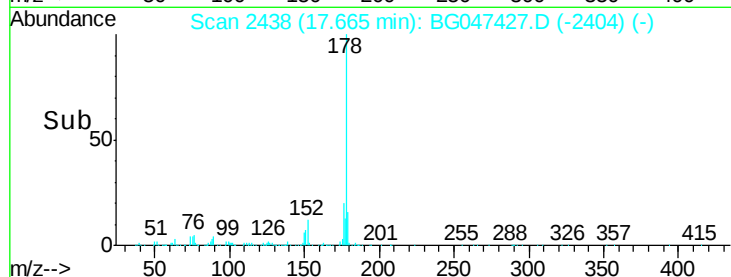
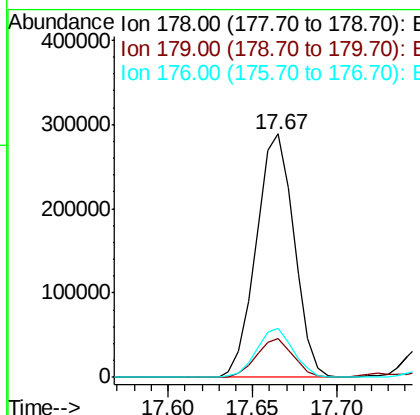
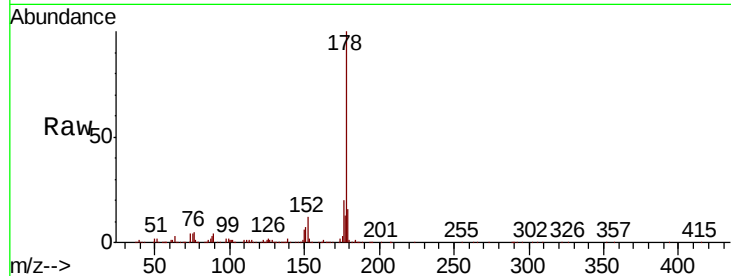
#70
Phenanthrene
Concen: 31.412 ng/ul
RT: 17.67 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG047427.D
Acq: 24 Nov 2020 1:05

Instrument :
BNA_G
ClientSampleId :
C0B17

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.6
176	20.0	13.9	20.9

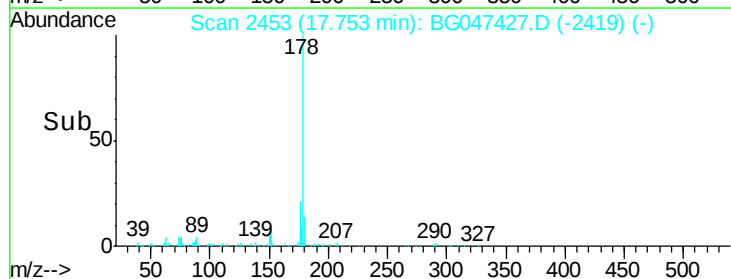
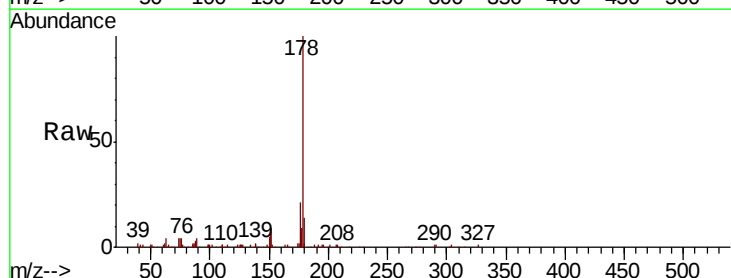
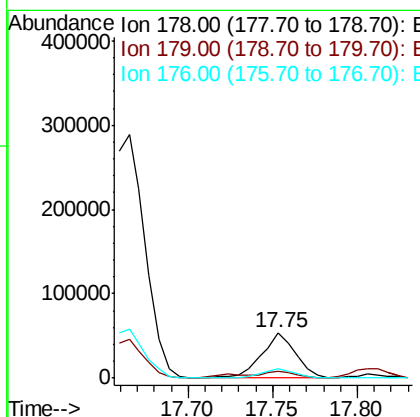
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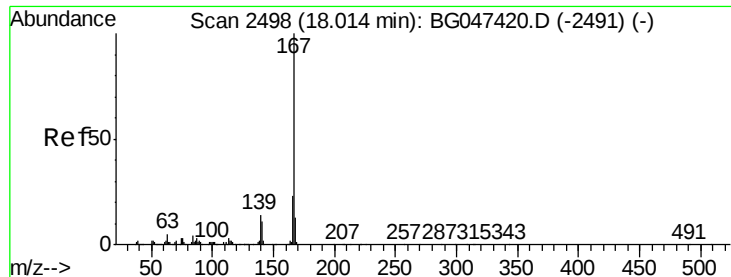
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#72
Anthracene
Concen: 5.212 ng/ul
RT: 17.75 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG047427.D
Acq: 24 Nov 2020 1:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.4	11.7	17.5
176	21.0	15.4	23.0





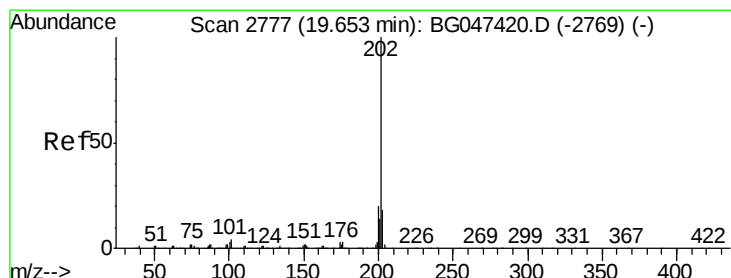
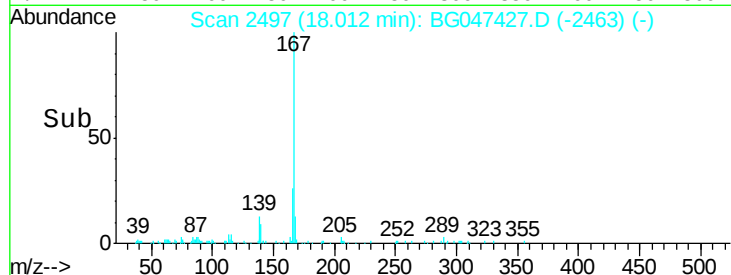
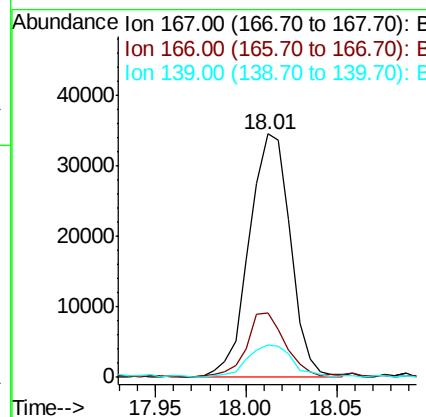
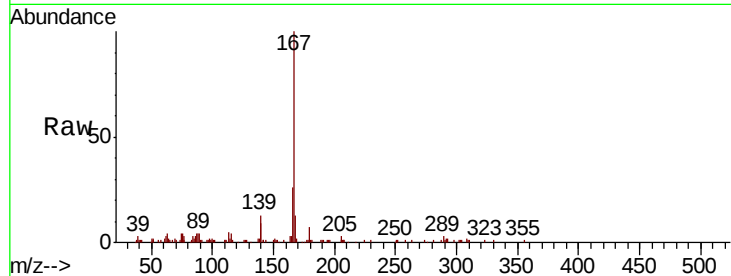
#75
 Carbazole
 Concen: 4.692 ng/ul
 RT: 18.01 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BG047427.D
 Acq: 24 Nov 2020 1:05

Instrument :
 BNA_G
 ClientSampleId :
 C0B17

Tot Ion:	167	Resp:	54575
Ion Ratio	Lower	Upper	
167	100		
166	26.4	19.2	28.8
139	13.4	10.0	15.0

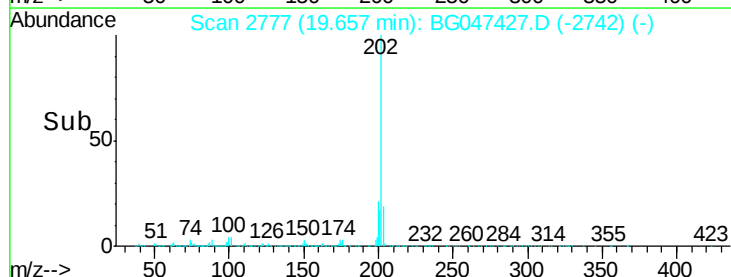
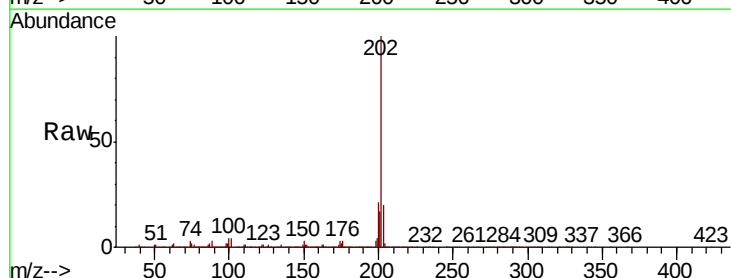
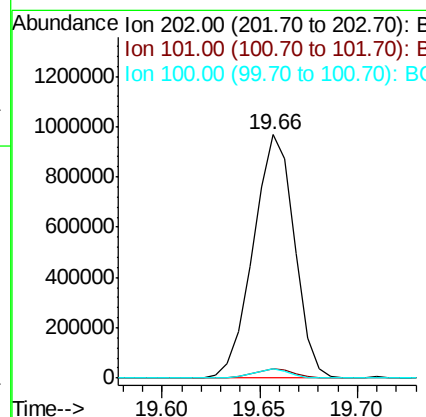
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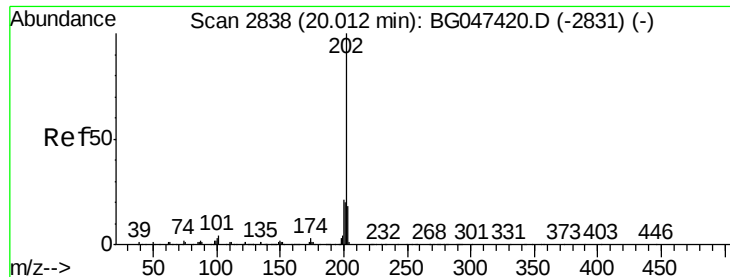
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#77
 Fluoranthene
 Concen: 77.906 ng/ul
 RT: 19.66 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: BG047427.D
 Acq: 24 Nov 2020 1:05

Tgt Ion:	202	Resp:	1408646
Ion Ratio	Lower	Upper	
202	100		
101	4.1	3.0	4.6
100	3.6	3.0	4.6





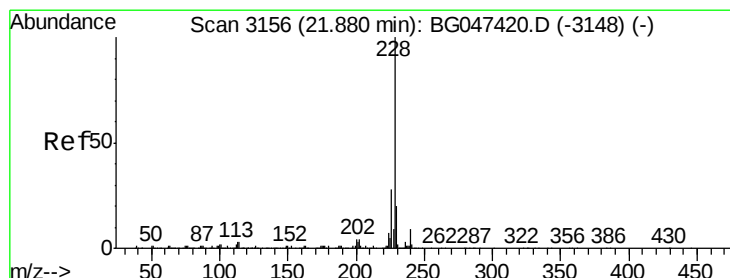
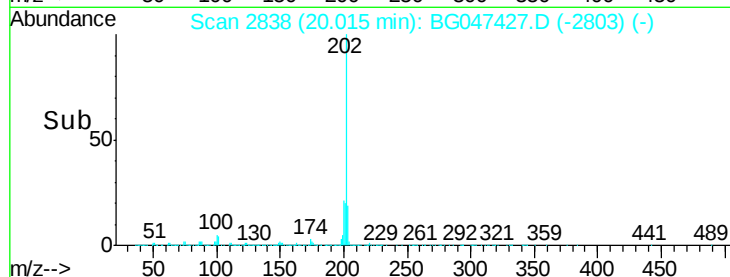
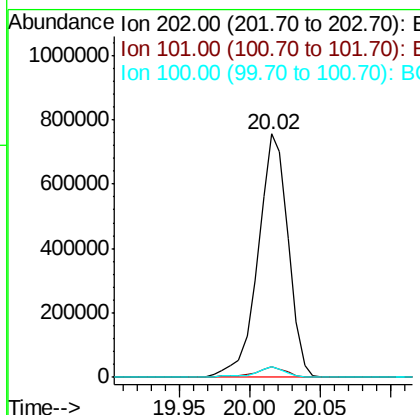
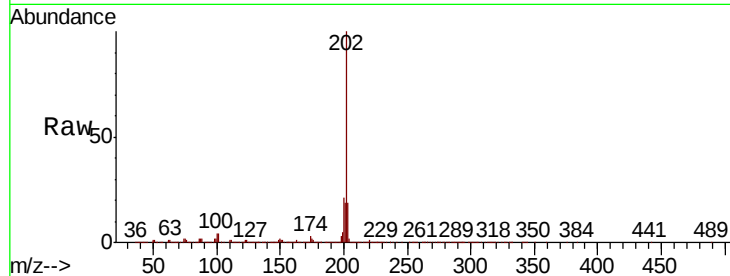
#80
Pvrene
Concen: 72.756 ng/ul
RT: 20.02 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG047427.D
Acq: 24 Nov 2020 1:05

Instrument :
BNA_G
ClientSampleId :
C0B17

Tot Ion	Ratio	Lower	Upper
202	100		
101	4.4	3.5	5.3
100	4.5	3.4	5.0

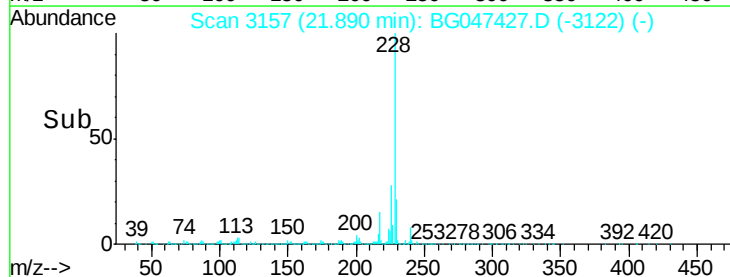
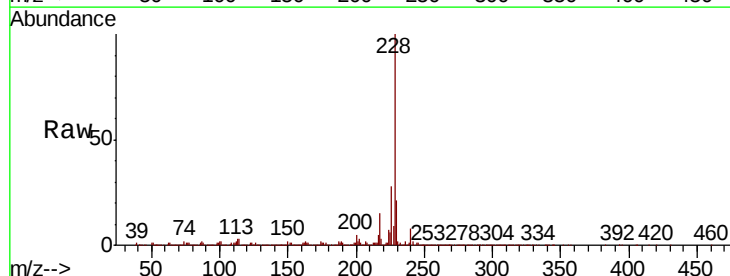
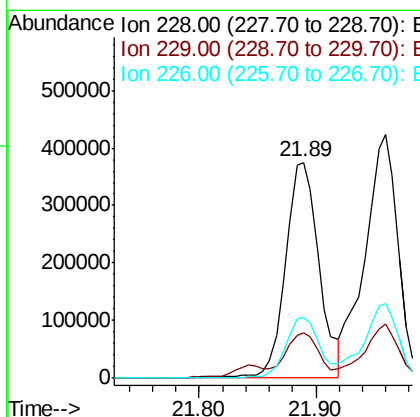
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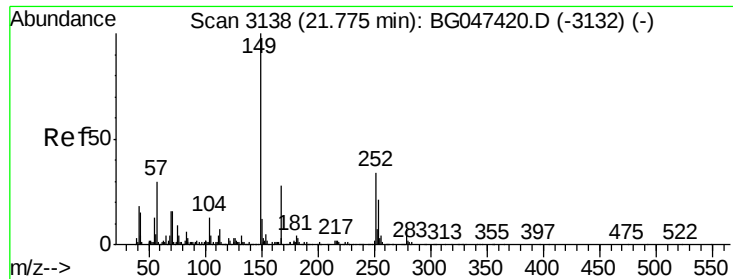
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#83
Benzo(a)anthracene
Concen: 48.179 ng/ul m
RT: 21.89 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG047427.D
Acq: 24 Nov 2020 1:05

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	27.9	21.7	32.5





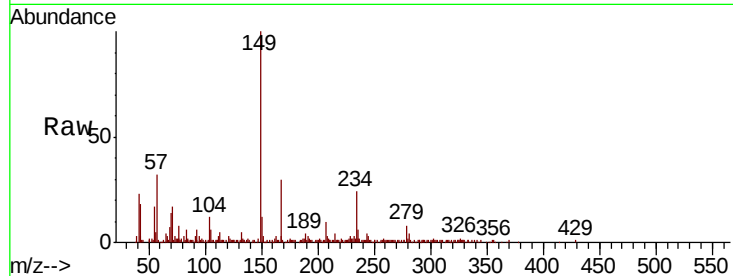
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.519 ng/ul
RT: 21.77 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG047427.D
Acq: 24 Nov 2020 1:05

Instrument :
BNA_G
ClientSampleId :
C0B17

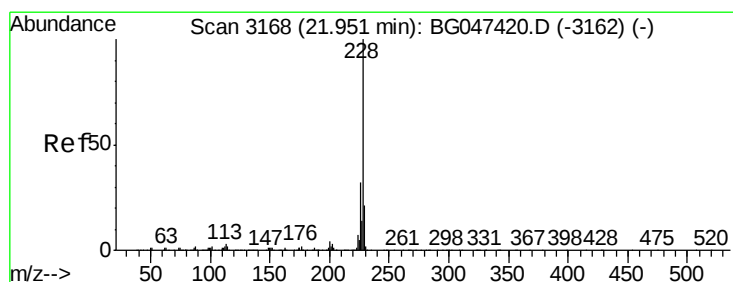
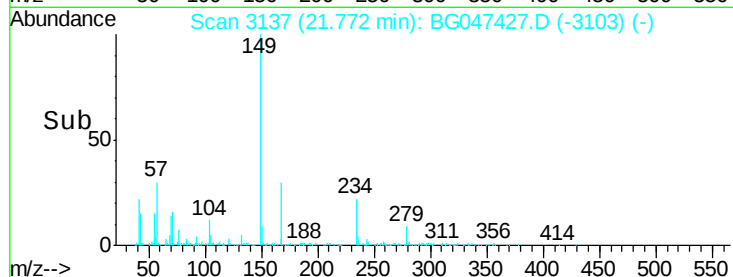
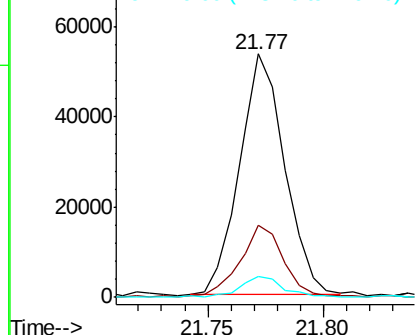
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.4	35.2
279	8.5	5.9	8.9

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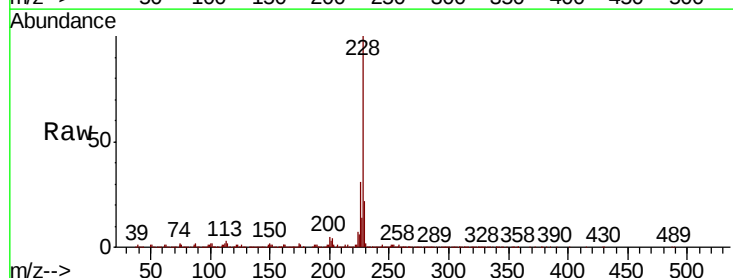


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

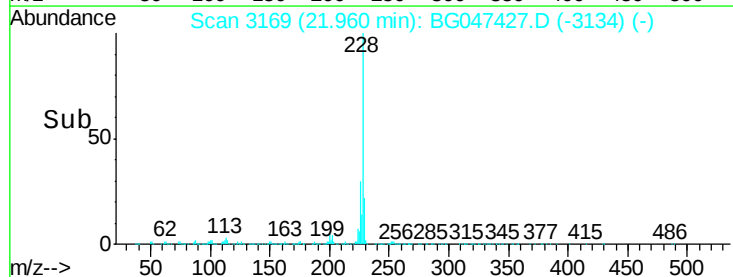
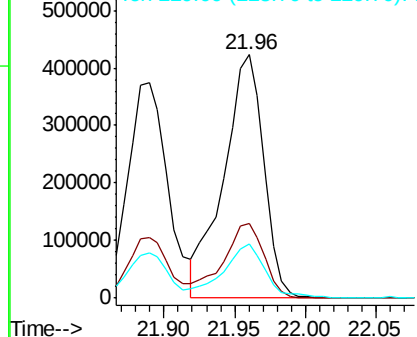


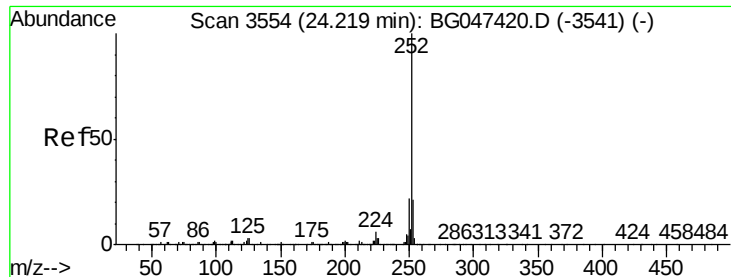
#85
Chrysene
Concen: 56.135 ng/ul
RT: 21.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BG047427.D
Acq: 24 Nov 2020 1:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.3	33.5
229	22.1	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: 70.737 ng/ul

RT: 24.25 min Scan# 3558

Delta R.T. 0.02 min

Lab File: BG047427.D

Acq: 24 Nov 2020 1:05

Instrument :

BNA_G

ClientSampleId :

C0B17

Tot Ion:252 Resp: 1242905

Ion Ratio Lower Upper

252 100

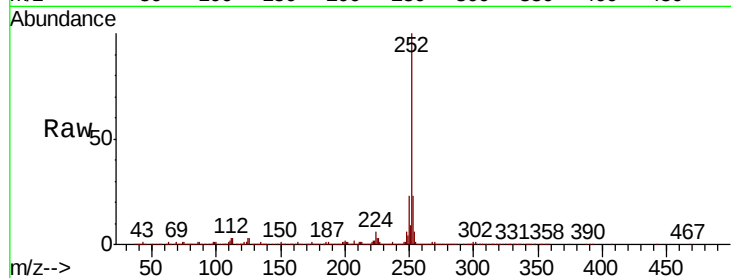
253 23.5 16.6 25.0

125 3.4 2.7 4.1

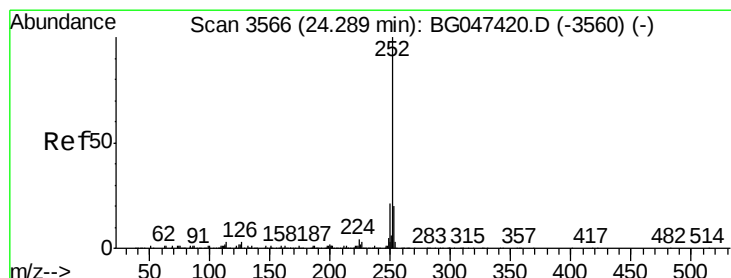
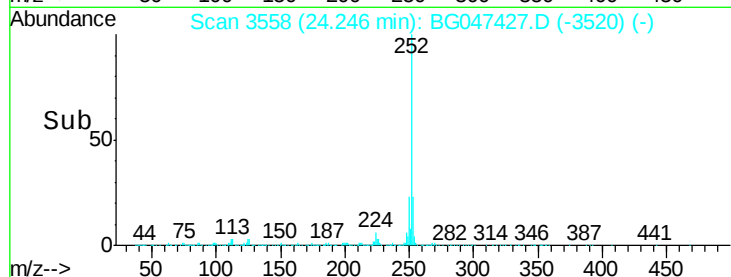
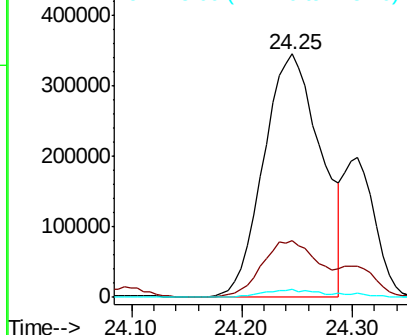
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 22.292 ng/ul

RT: 24.30 min Scan# 3568

Delta R.T. 0.01 min

Lab File: BG047427.D

Acq: 24 Nov 2020 1:05

Tgt Ion:252 Resp: 386000

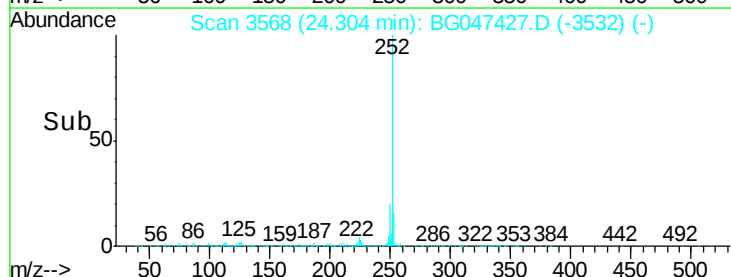
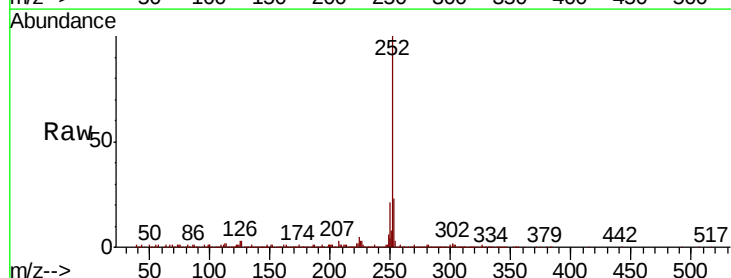
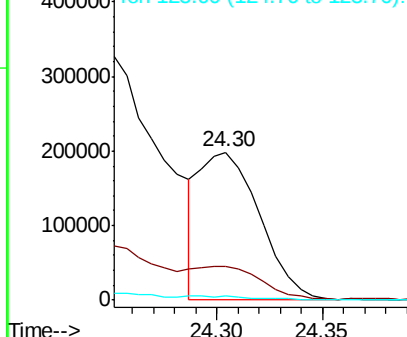
Ion Ratio Lower Upper

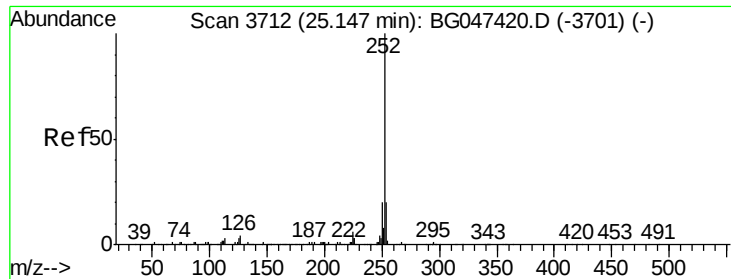
252 100

253 22.6 18.2 27.4

125 2.8 2.2 3.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 46.431 ng/ul m

RT: 25.16 min Scan# 3714

Delta R.T. 0.02 min

Lab File: BG047427.D

Acq: 24 Nov 2020 1:05

Instrument :

BNA_G

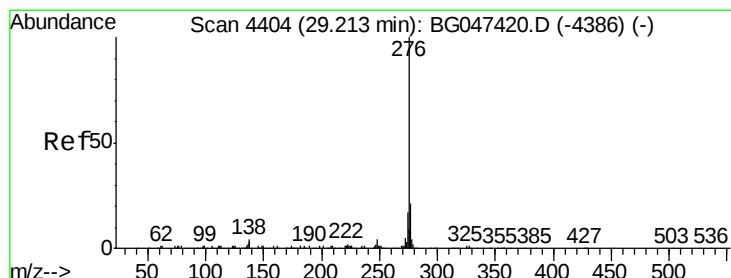
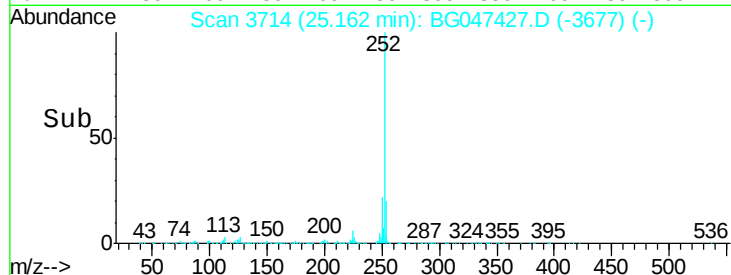
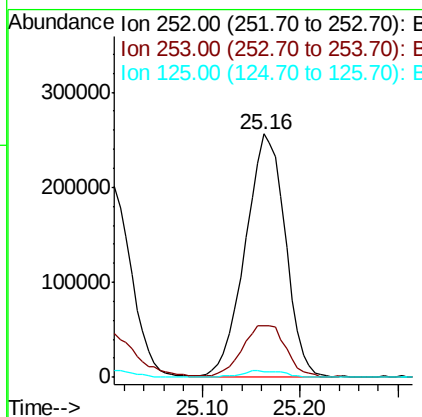
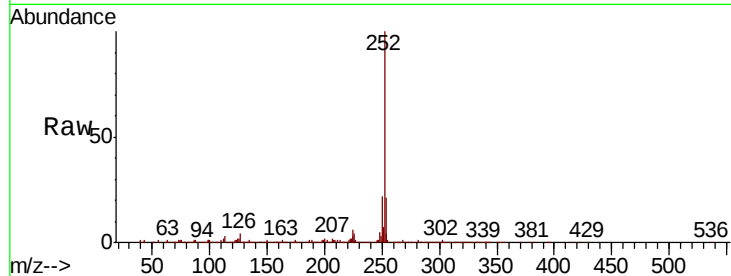
ClientSampleId :

C0B17

Tot Ion:	252	Resp:	727273
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.6	27.8
125	2.4	3.1	4.7#

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#92

Indeno(1,2,3-cd)pyrene

Concen: 28.187 ng/ul

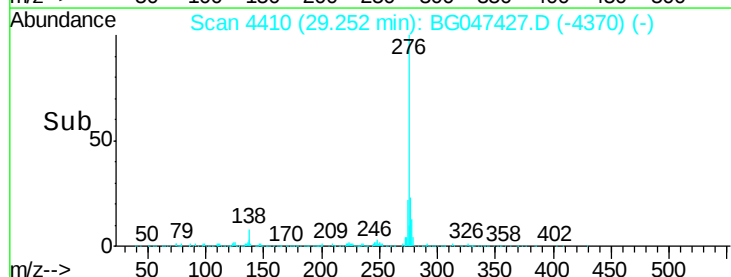
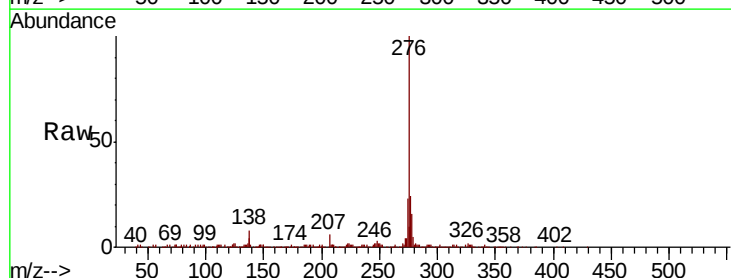
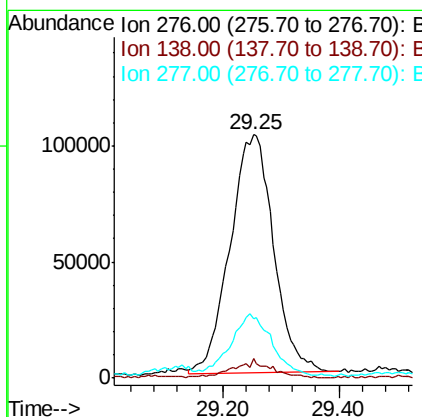
RT: 29.25 min Scan# 4410

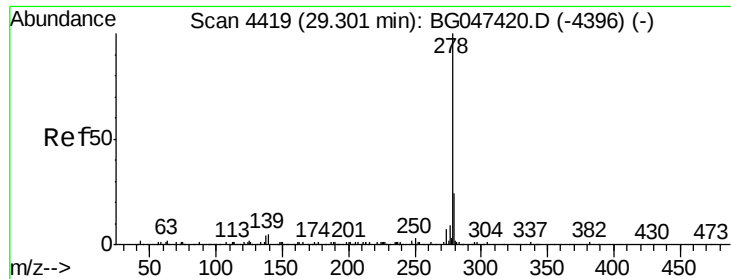
Delta R.T. 0.03 min

Lab File: BG047427.D

Acq: 24 Nov 2020 1:05

Tgt Ion:	276	Resp:	537058
Ion Ratio	Lower	Upper	
276	100		
138	8.2	5.0	7.6#
277	24.3	16.5	24.7





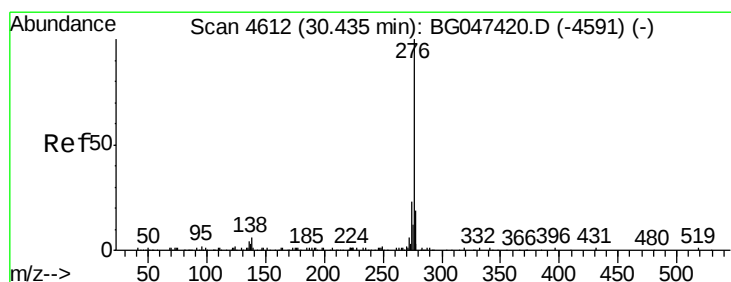
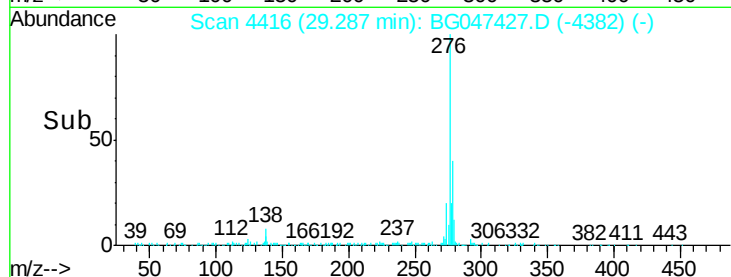
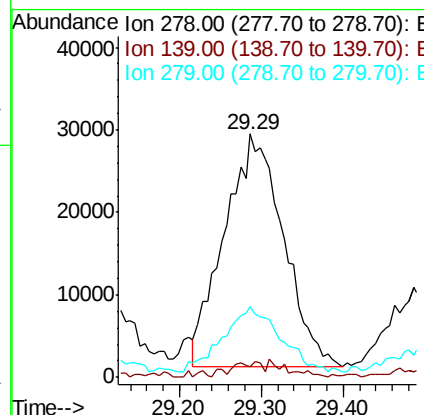
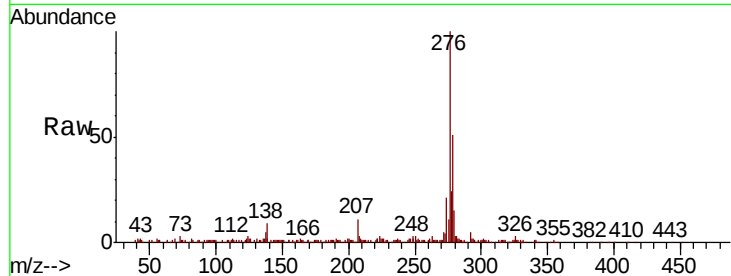
#93
Dibenzo(a,h)anthracene
Concen: 9.085 ng/ul
RT: 29.29 min Scan# 4416
Delta R.T. -0.00 min
Lab File: BG047427.D
Acq: 24 Nov 2020 1:05

Instrument :
BNA_G
ClientSampleId :
C0B17

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	4.5	4.6	7.0	
279	29.2	18.2	27.2	

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#94
Benzo(g,h,i)perylene
Concen: 27.643 ng/ul
RT: 30.47 min Scan# 4617
Delta R.T. 0.02 min
Lab File: BG047427.D
Acq: 24 Nov 2020 1:05

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
138	6.9	5.8	8.6	
277	22.5	17.4	26.2	

