

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
 Data File : BG047327.D
 Acq On : 16 Nov 2020 12:53
 Operator : CG/JU
 Sample : L4762-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB6

Manual Integrations
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Quant Time: Nov 16 15:09:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 12:10:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	55249	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	196315	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	155133	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.41	188	281998	20.00	ng/ul	0.02
78) Chrysene-d12	21.69	240	339850	20.00	ng/ul	0.04
86) Perylene-d12	24.98	264	357525m	20.00	ng/ul	0.13

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	8634	6.30	ng/uL	0.01
5) Phenol-d5	7.17	99	182670	38.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	110720	40.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	140594	37.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	136497	35.68	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	70479	42.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	80293	41.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	142894	38.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	414012	129.45	ng/ul	-0.01
44) Dimethylphthalate-d6	14.05	166	421231	33.02	ng/ul	0.01
47) Acenaphthylene-d8	14.35	160	488403	32.36	ng/ul	0.02
52) 4-Nitrophenol-d4	14.87	143	113102	56.33	ng/ul	0.02
58) Fluorene-d10	15.66	176	371172	31.34	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.76	200	13694	7.04	ng/ul	0.01
71) Anthracene-d10	17.52	188	549252	40.19	ng/ul	0.03
79) Pyrene-d10	19.81	212	669423	34.53	ng/ul	0.03
90) Benzo(a)pyrene-d12	24.76	264	707449m	35.99	ng/ul	0.13

Target Compounds

					Ovalue
24) 2,4-Dimethylphenol	10.02	107	17327m	4.324	ng/ul
28) Naphthalene	10.88	128	598413	54.259	ng/ul# 95
34) 2-Methylnaphthalene	12.49	142	2344180	297.921	ng/ul 98
41) 1,1'-Biphenyl	13.48	154	326817	26.702	ng/ul# 94
45) Dimethylphthalate	14.10	163	118706	9.273	ng/ul# 69
48) Acenaphthylene	14.39	152	121457	8.603	ng/ul# 1
50) Acenaphthene	14.72	153	376211	36.832	ng/ul 91
54) Dibenzofuran	15.06	168	355425	23.911	ng/ul# 33
59) Fluorene	15.71	166	541661	44.395	ng/ul# 88
70) Phenanthrene	17.47	178	3795421	239.968	ng/ul# 77
72) Anthracene	17.55	178	509152	32.033	ng/ul# 87
75) Carbazole	17.82	167	60974	4.994	ng/ul# 1
77) Fluoranthene	19.47	202	796766	41.855	ng/ul# 96
80) Pyrene	19.84	202	2713560	116.679	ng/ul# 93
83) Benzo(a)anthracene	21.68	228	498015	21.631	ng/ul# 49
85) Chrysene	21.75	228	898677	40.572	ng/ul# 74
88) Benzo(b)fluoranthene	23.94	252	309823m	13.046	ng/ul
89) Benzo(k)fluoranthene	24.00	252	96764m	4.205	ng/ul
91) Benzo(a)pyrene	24.83	252	291438m	13.627	ng/ul
92) Indeno(1,2,3-cd)pyrene	28.69	276	119955m	4.513	ng/ul
94) Benzo(a,h,i)perylene	29.87	276	163075m	7.341	ng/ul

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

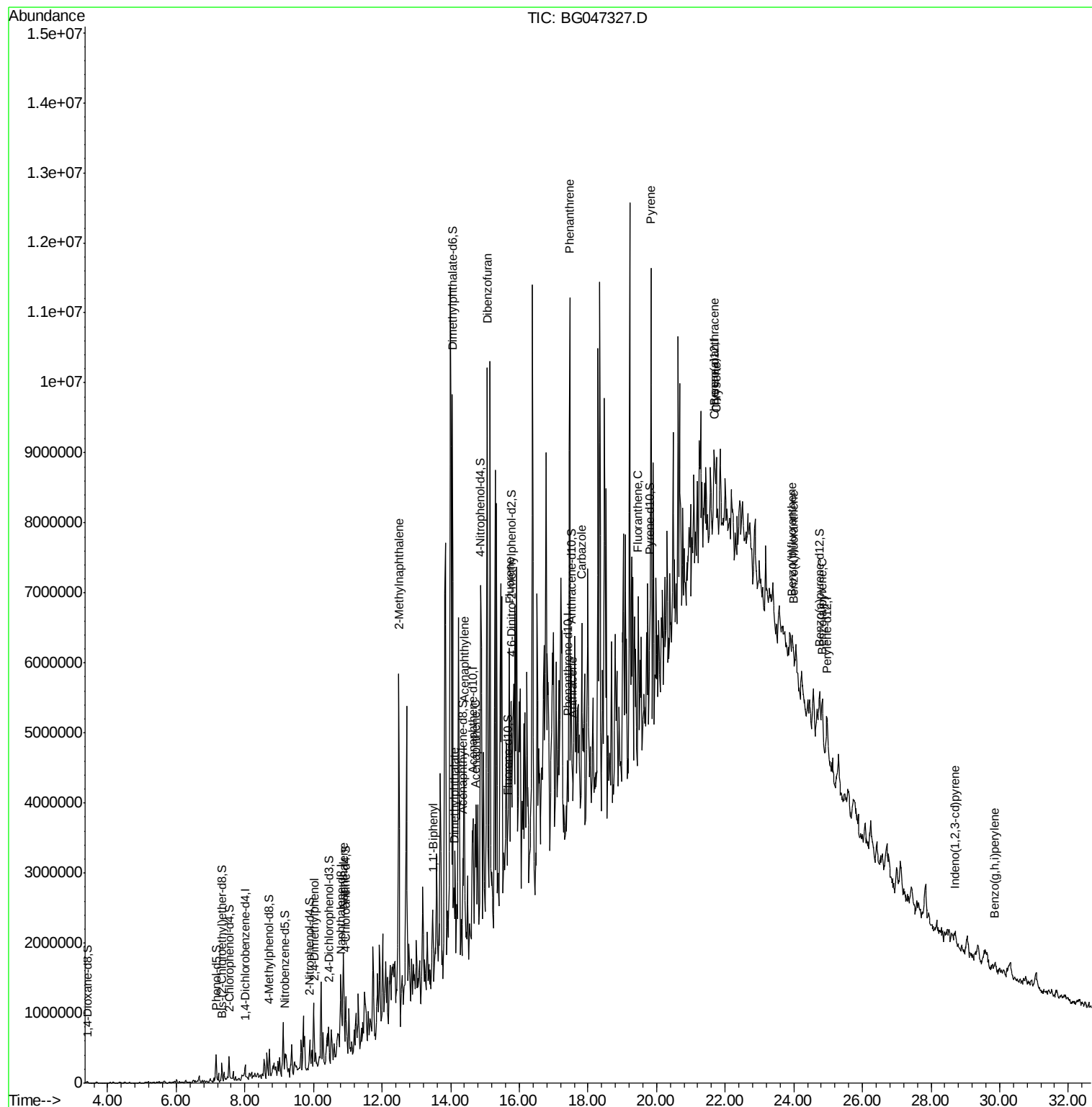
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047327.D
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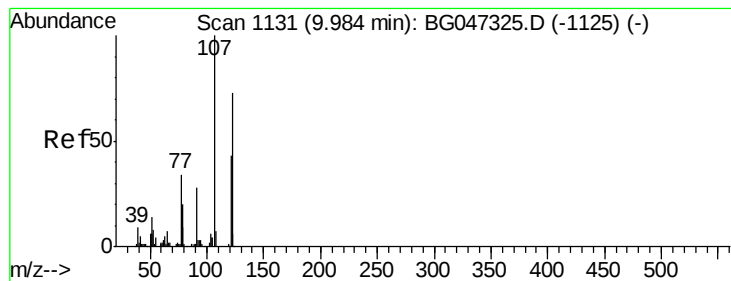
Instrument :
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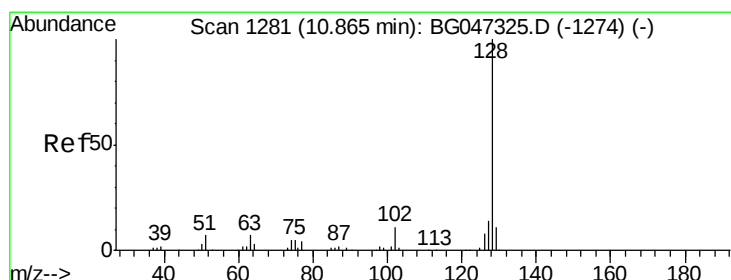
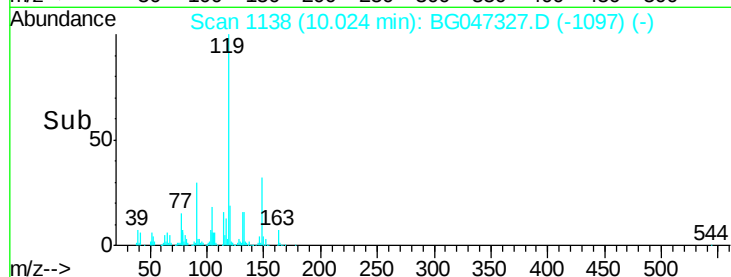
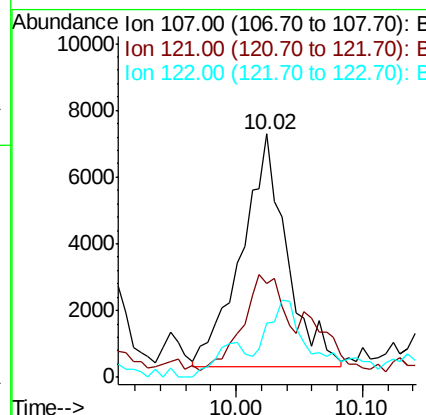
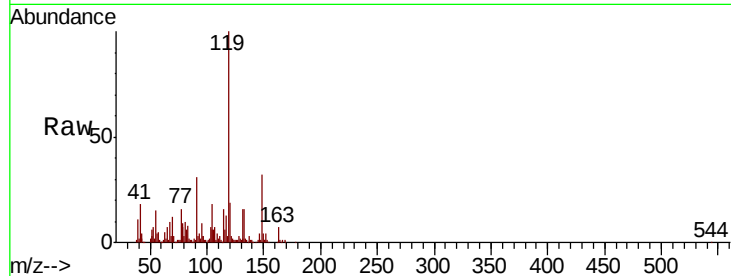
#24
2,4-Dimethylphenol
Concen: 4.324 ng/ul m
RT: 10.02 min Scan# 1138
Delta R.T. 0.04 min
Lab File: BG047327.D
Acq: 16 Nov 2020 12:53

Instrument :
BNA_G
ClientSampleId :
C0AB6

Tot Ion	Ratio	Lower	Upper
107	100		
121	38.4	40.4	60.6#
122	22.2	63.0	94.4#

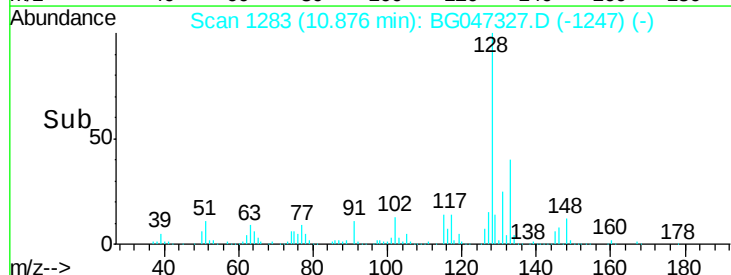
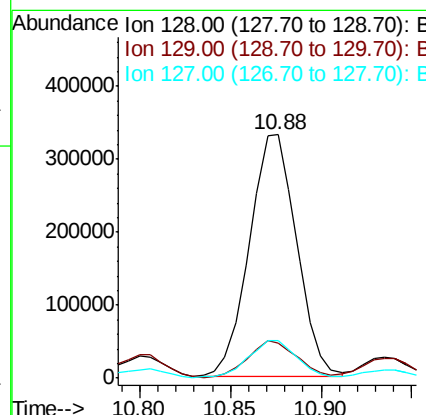
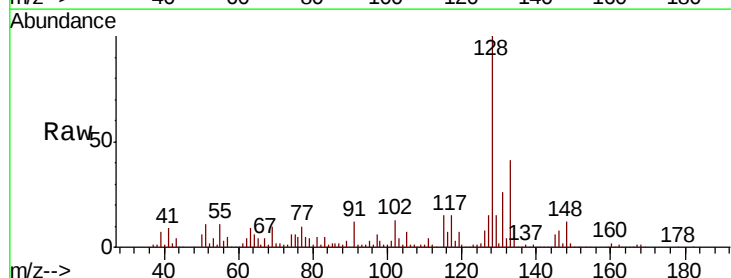
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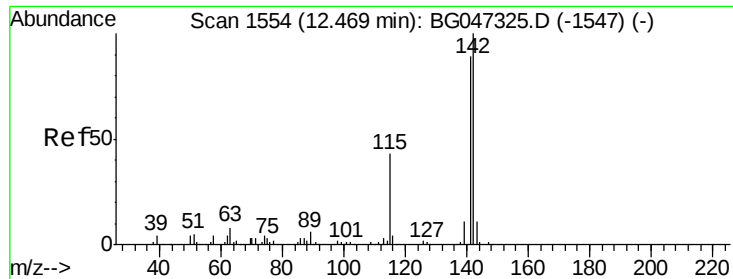
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#28
Naphthalene
Concen: 54.259 ng/ul
RT: 10.88 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BG047327.D
Acq: 16 Nov 2020 12:53

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.6	9.4	14.2#
127	15.4	11.5	17.3





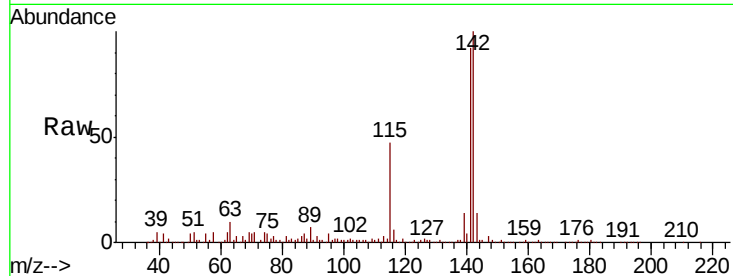
#34
2-Methylnaphthalene
Concen: 297.921 ng/ul
RT: 12.49 min Scan# 1558
Delta R.T. 0.02 min
Lab File: BG047327.D
Acq: 16 Nov 2020 12:53

Instrument :
BNA_G
ClientSampled :
C0AB6

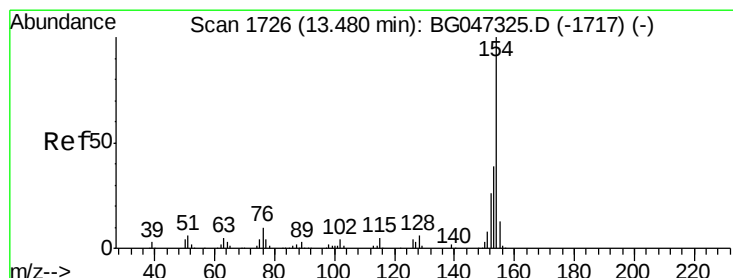
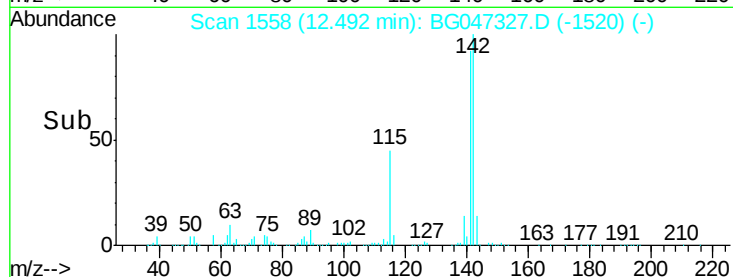
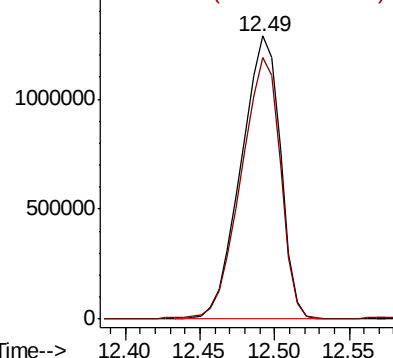
Tot Ion:142 Resp: 2344180
Ion Ratio Lower Upper
142 100
141 92.4 72.4 108.6

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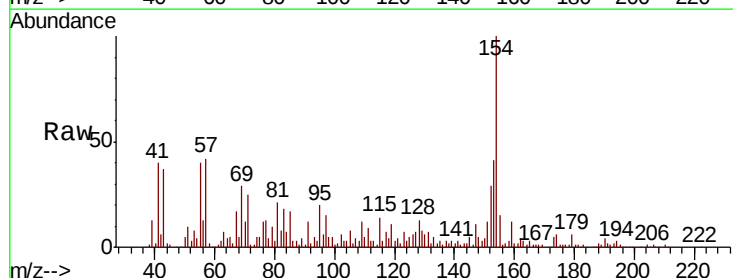


Abundance Ion 142.00 (141.70 to 142.70): E
1500000 Ion 141.00 (140.70 to 141.70): E

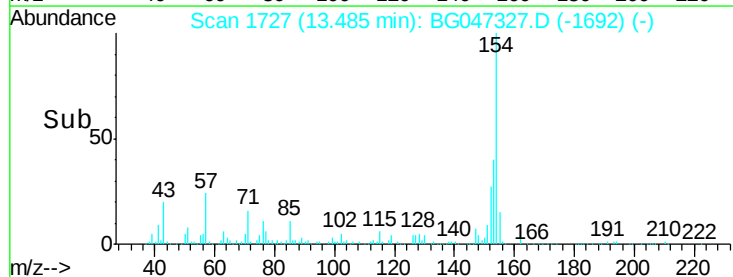
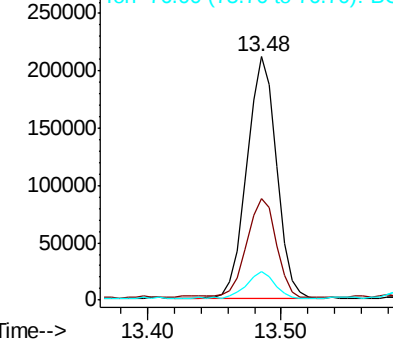


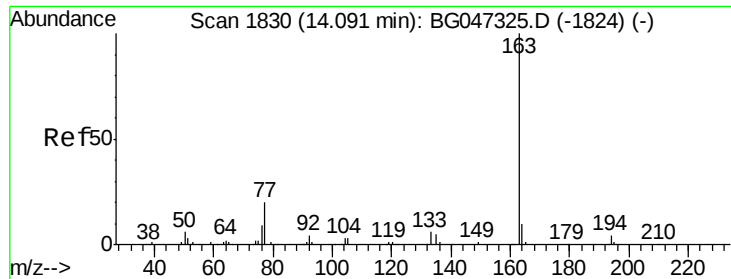
#41
1,1'-Biphenyl
Concen: 26.702 ng/ul
RT: 13.48 min Scan# 1727
Delta R.T. 0.01 min
Lab File: BG047327.D
Acq: 16 Nov 2020 12:53

Tgt Ion:154 Resp: 326817
Ion Ratio Lower Upper
154 100
153 41.5 30.2 45.4
76 11.8 7.8 11.6#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG0





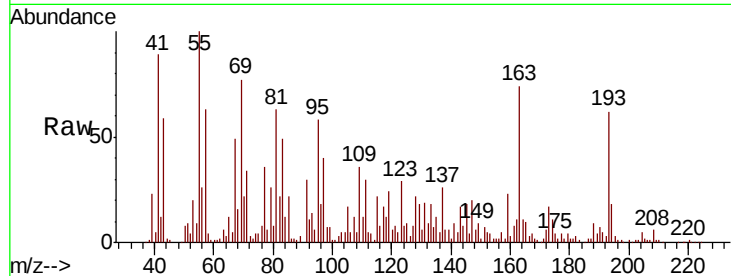
#45
Dimethylphthalate
Concen: 9.273 ng/ul
RT: 14.10 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BG047327.D
Acq: 16 Nov 2020 12:53

Instrument :
BNA_G
ClientSampled :
C0AB6

Tot Ion	Ratio	Lower	Upper
163	100		
194	23.9	3.4	5.0#
164	15.2	7.2	10.8#

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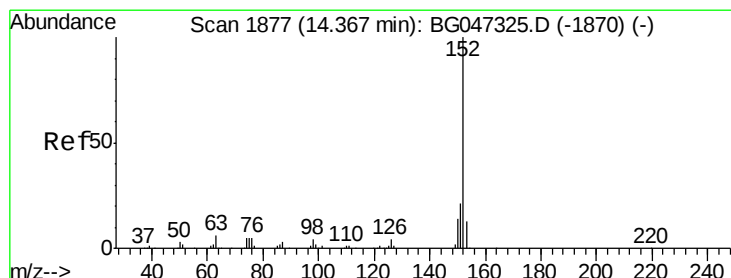
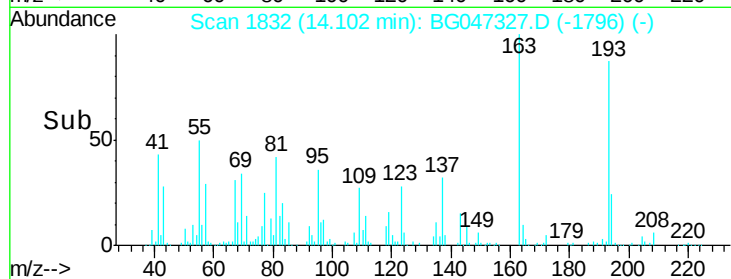
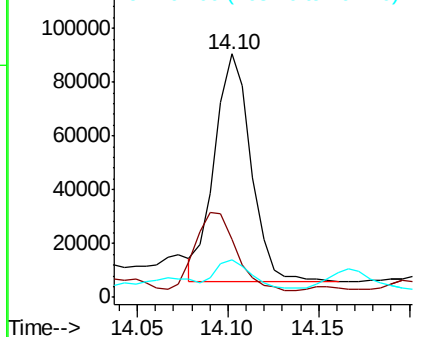


Abundance

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



#48
Acenaphthylene
Concen: 8.603 ng/ul
RT: 14.39 min Scan# 1881
Delta R.T. 0.02 min
Lab File: BG047327.D
Acq: 16 Nov 2020 12:53

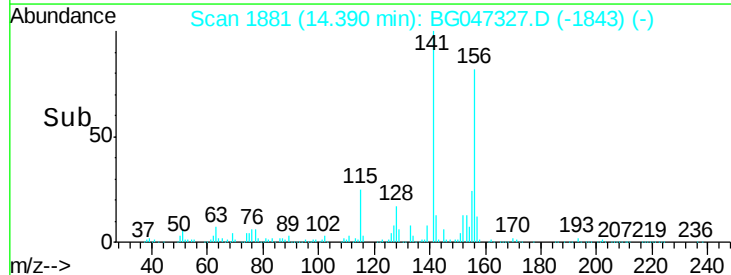
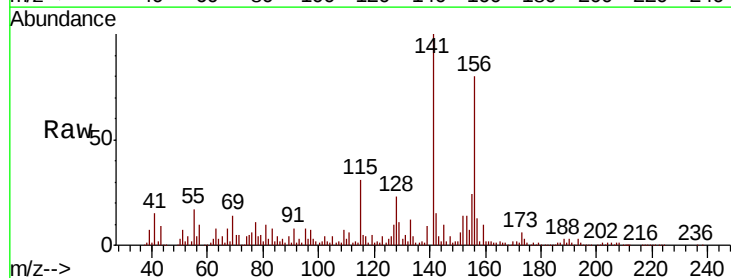
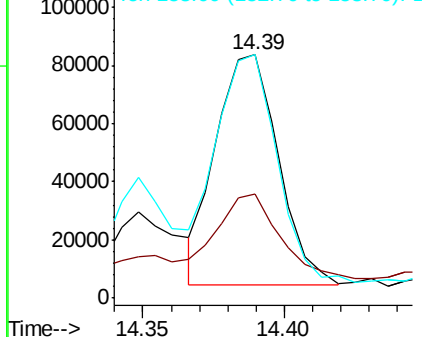
Tgt Ion	Ratio	Lower	Upper
152	100		
151	42.6	17.4	26.2#
153	100.1	10.2	15.4#

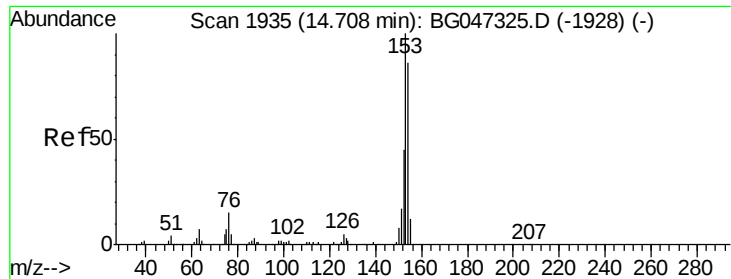
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 36.832 ng/ul

RT: 14.72 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BG047327.D

Acq: 16 Nov 2020 12:53

Instrument :

BNA_G

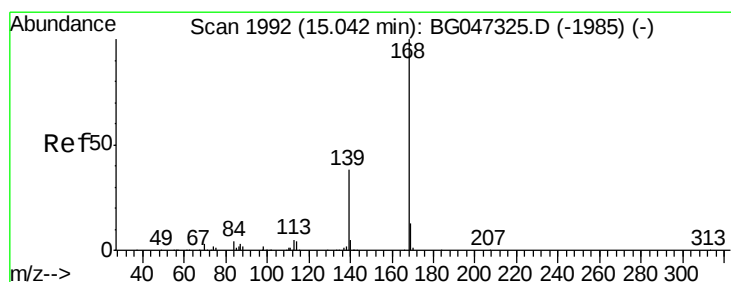
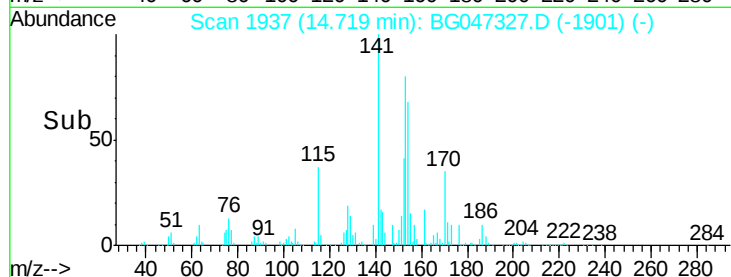
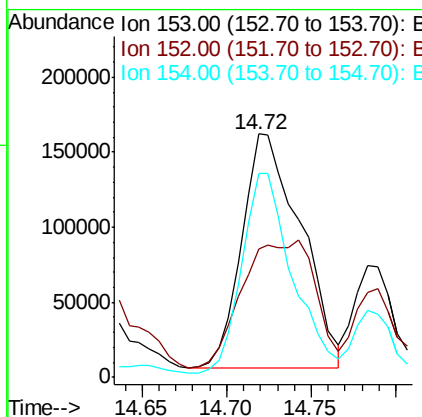
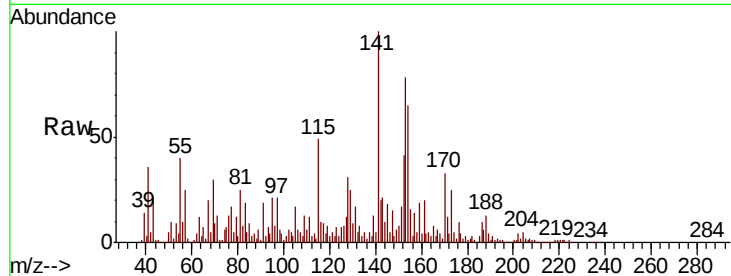
ClientSampleId :

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Tot Ion:	153	Resp:	376211
Ion Ratio	Lower	Upper	
153	100		
152	52.7	37.0	55.4
154	83.7	74.0	111.0

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#54

Dibenzofuran

Concen: 23.911 ng/ul

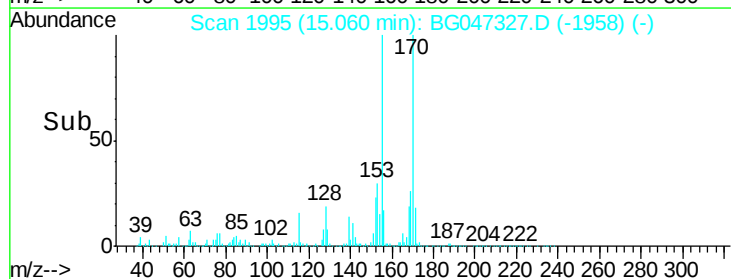
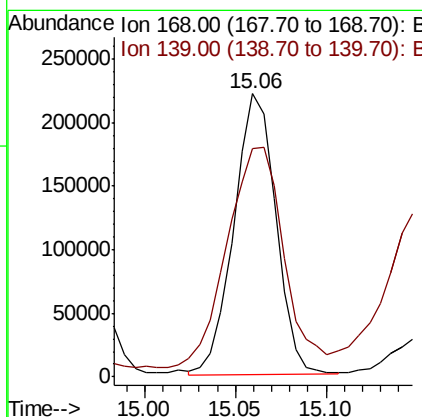
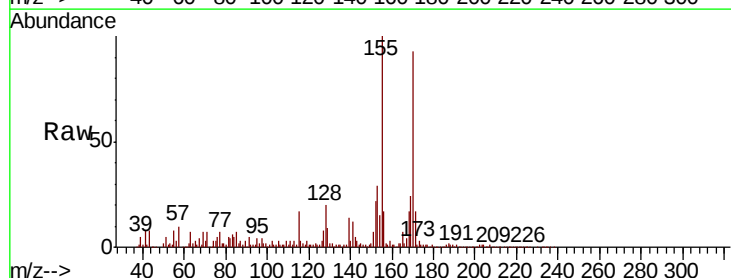
RT: 15.06 min Scan# 1995

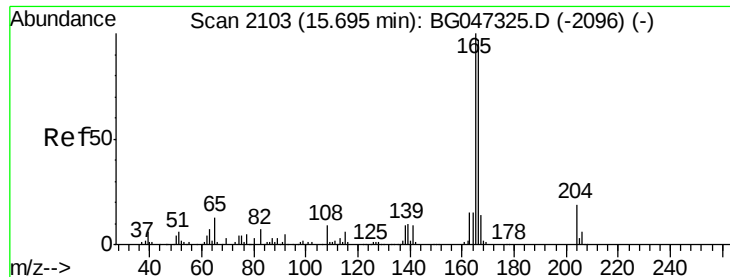
Delta R.T. 0.02 min

Lab File: BG047327.D

Acq: 16 Nov 2020 12:53

Tgt Ion:	168	Resp:	355425
Ion Ratio	Lower	Upper	
168	100		
139	80.5	31.5	47.3#





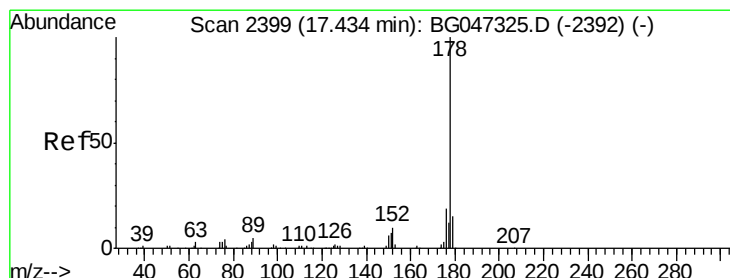
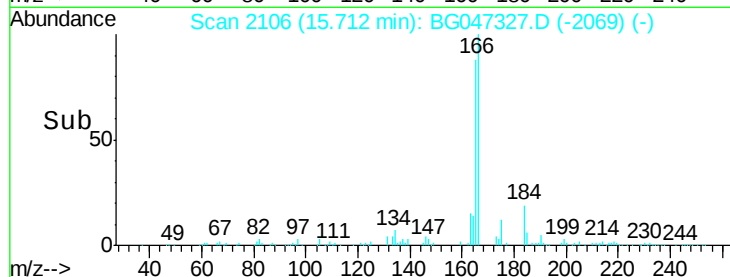
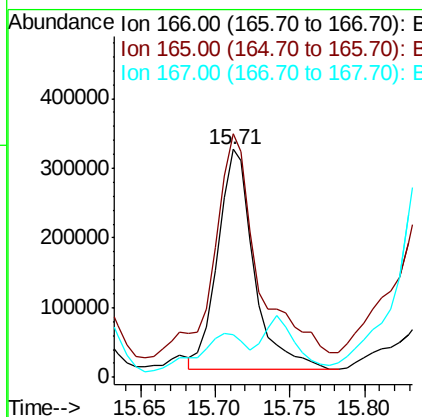
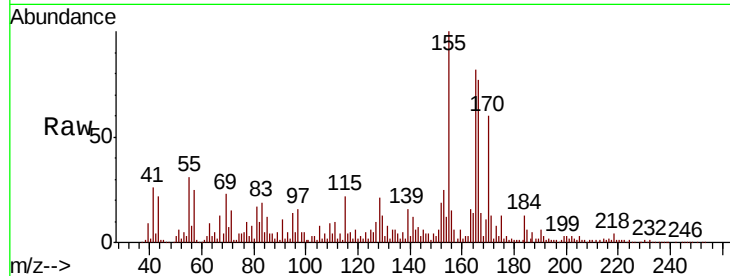
#59
Fluorene
 Concen: 44.395 ng/ul
 RT: 15.71 min Scan# 2106
 Delta R.T. 0.02 min
 Lab File: BG047327.D
 Acq: 16 Nov 2020 12:53

Instrument :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	106.8	76.2	114.4
167	18.7	10.4	15.6

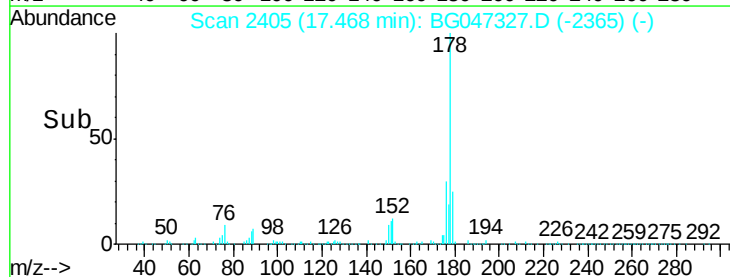
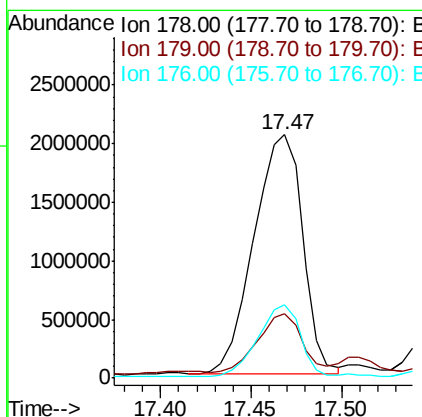
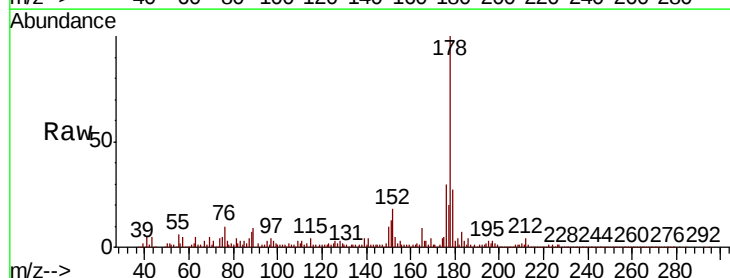
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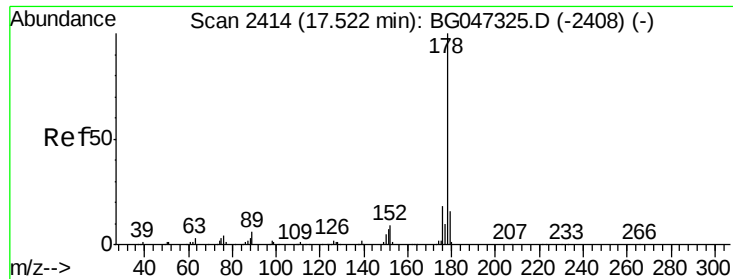
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#70
Phenanthrene
 Concen: 239.968 ng/ul
 RT: 17.47 min Scan# 2405
 Delta R.T. 0.03 min
 Lab File: BG047327.D
 Acq: 16 Nov 2020 12:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.6	12.2	18.4
176	30.0	16.5	24.7





#72

Anthracene

Concen: 32.033 ng/ul

RT: 17.55 min Scan# 2419

Delta R.T. 0.03 min

Lab File: BG047327.D

Acq: 16 Nov 2020 12:53

Instrument :

BNA_G

ClientSampleId :

C0AB6

Tot Ion:178 Resp: 509152

Ion Ratio Lower Upper

178 100

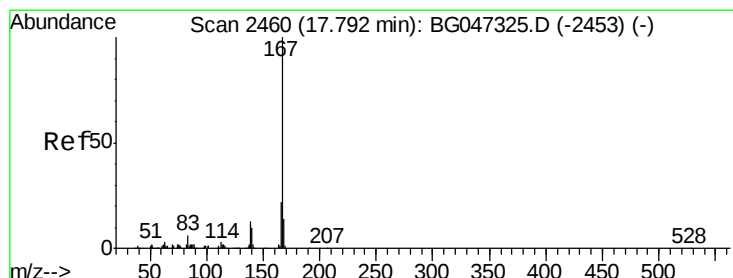
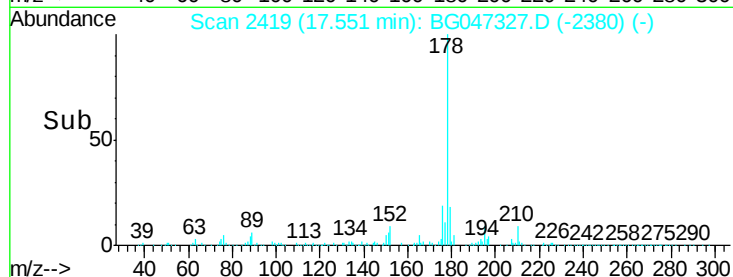
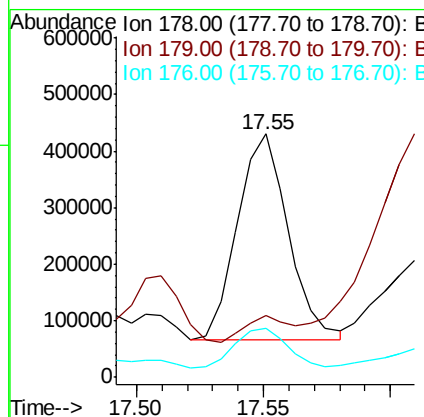
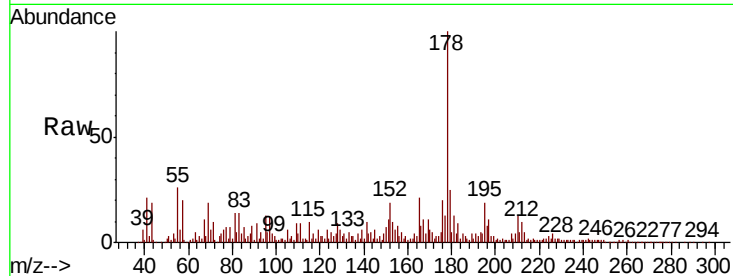
179 25.3 12.4 18.6#

176 19.9 14.4 21.6

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#75

Carbazole

Concen: 4.994 ng/ul

RT: 17.82 min Scan# 2464

Delta R.T. 0.02 min

Lab File: BG047327.D

Acq: 16 Nov 2020 12:53

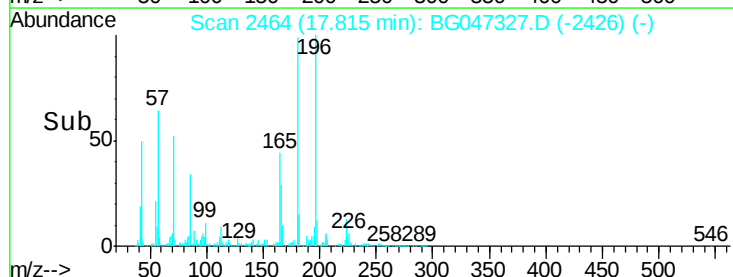
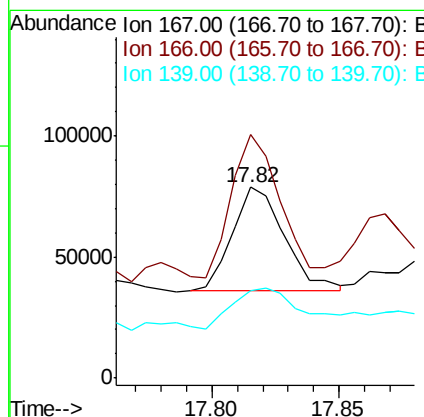
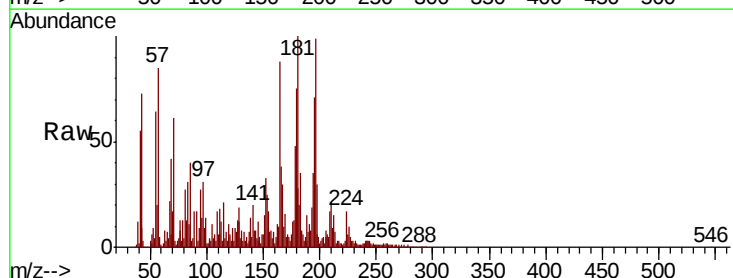
Tgt Ion:167 Resp: 60974

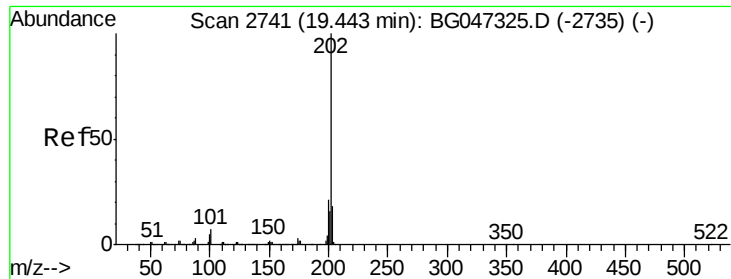
Ion Ratio Lower Upper

167 100

166 127.5 17.4 26.0#

139 45.6 10.5 15.7#





#77

Fluoranthene

Concen: 41.855 ng/ul

RT: 19.47 min Scan# 2746

Delta R.T. 0.03 min

Lab File: BG047327.D

Acq: 16 Nov 2020 12:53

Instrument :

BNA_G

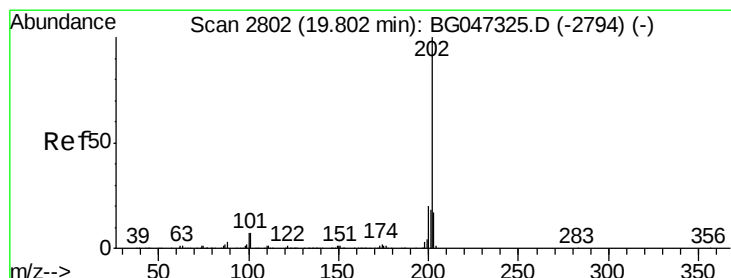
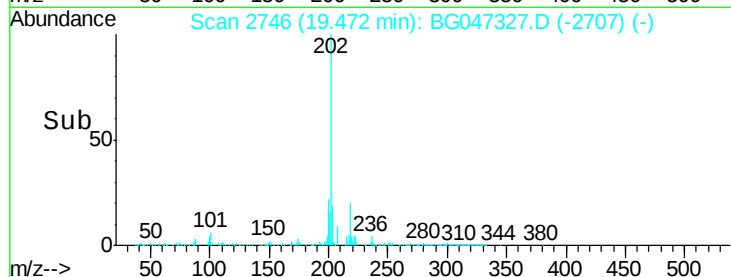
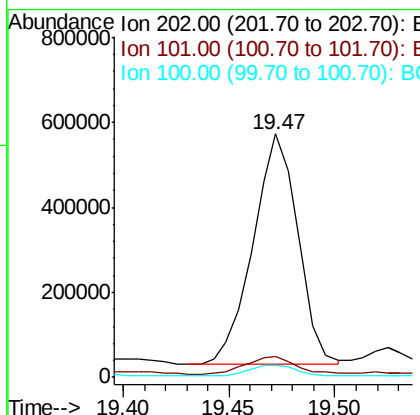
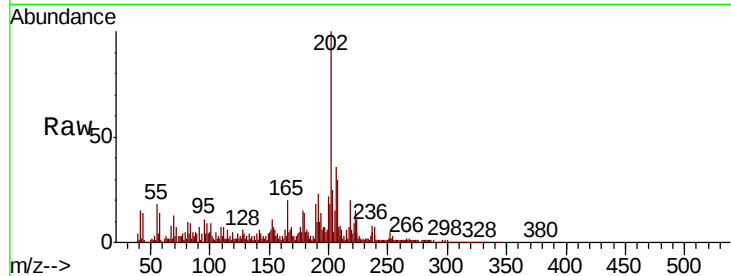
ClientSampleId :

C0AB6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		796766		
101	8.5	5.0	7.6#		
100	5.1	4.2	6.2		

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#80

Pyrene

Concen: 116.679 ng/ul

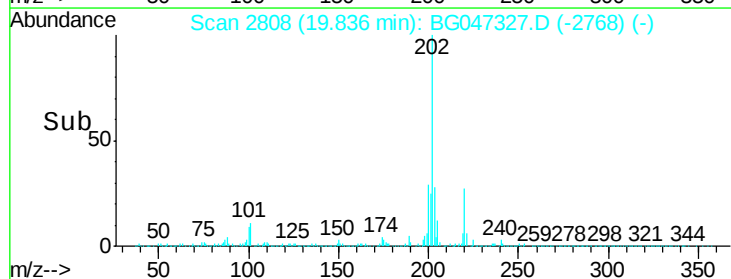
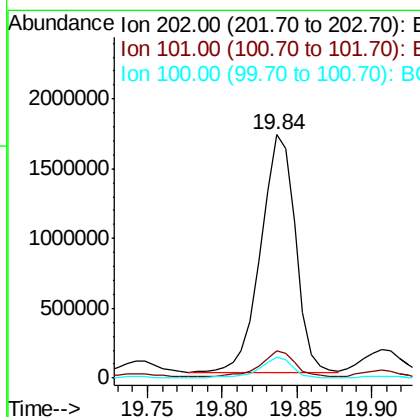
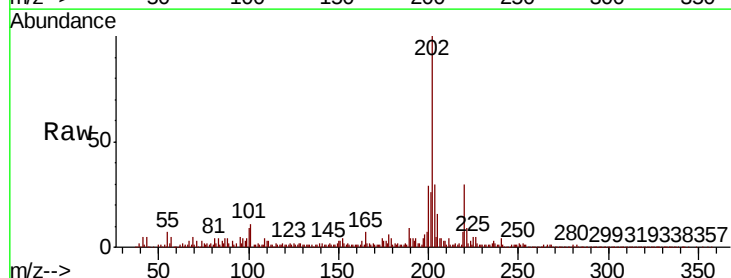
RT: 19.84 min Scan# 2808

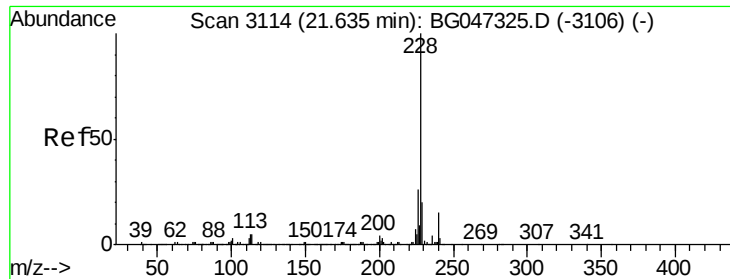
Delta R.T. 0.03 min

Lab File: BG047327.D

Acq: 16 Nov 2020 12:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		2713560		
101	11.3	6.5	9.7#		
100	8.7	5.7	8.5#		





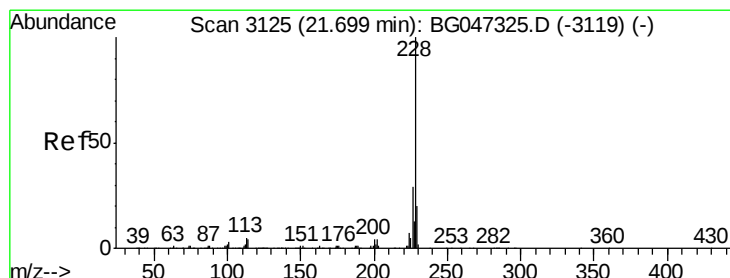
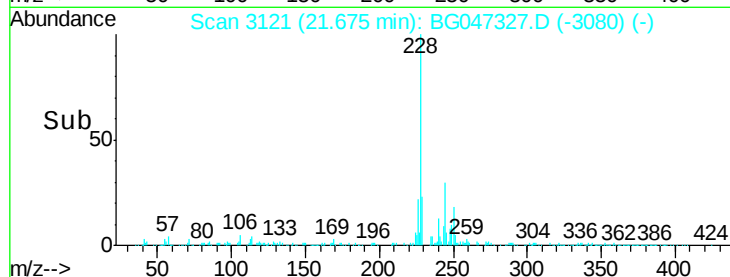
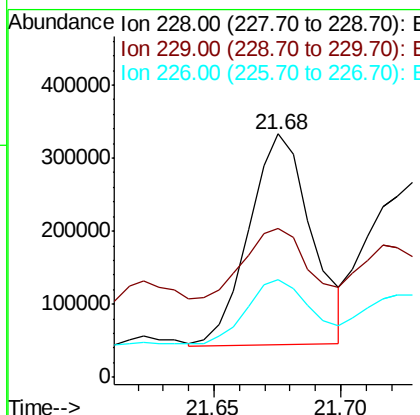
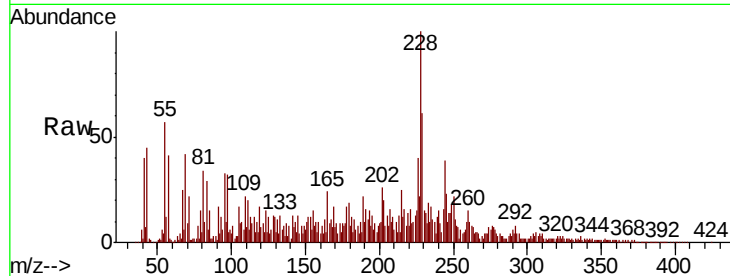
#83
Benzo(a)anthracene
Concen: 21.631 ng/ul
RT: 21.68 min Scan# 3121
Delta R.T. 0.04 min
Lab File: BG047327.D
Acq: 16 Nov 2020 12:53

Instrument :
BNA_G
ClientSampleId :
C0AB6

Tot Ion	Ratio	Lower	Upper
228	100		
229	61.2	15.1	22.7#
226	40.1	22.7	34.1#

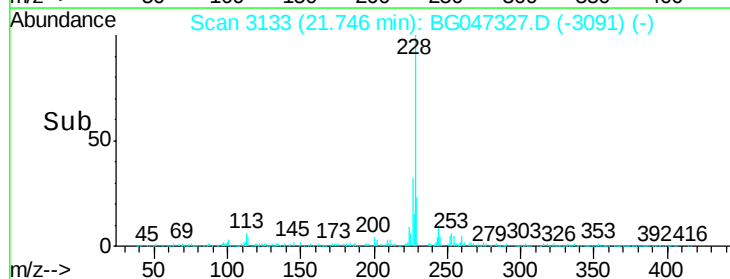
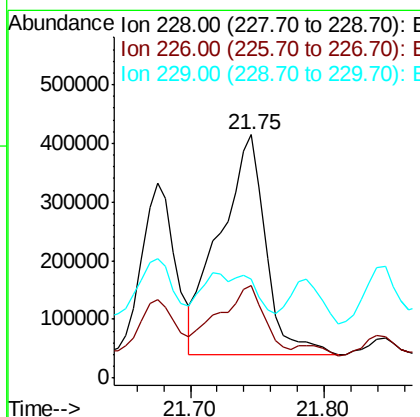
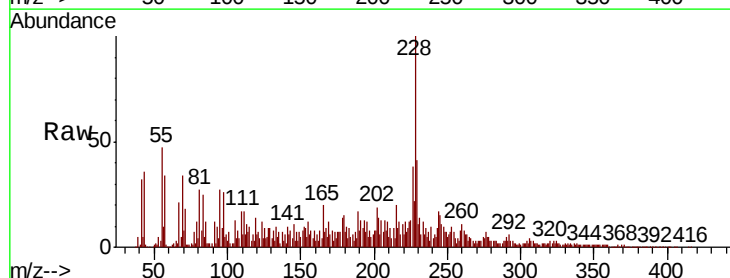
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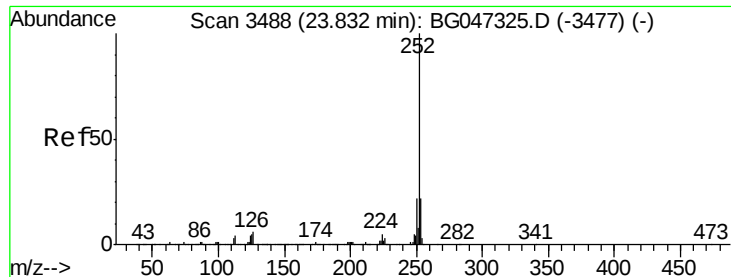
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#85
Chrysene
Concen: 40.572 ng/ul
RT: 21.75 min Scan# 3133
Delta R.T. 0.05 min
Lab File: BG047327.D
Acq: 16 Nov 2020 12:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.1	24.6	36.8#
229	40.8	15.8	23.8#





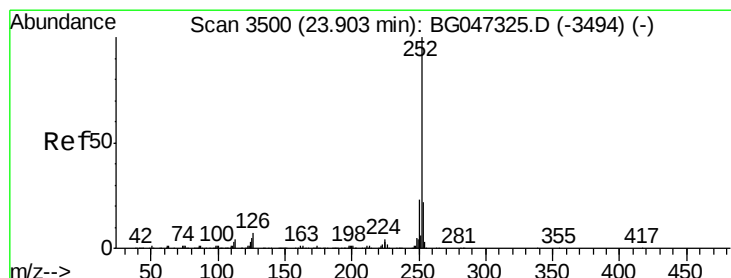
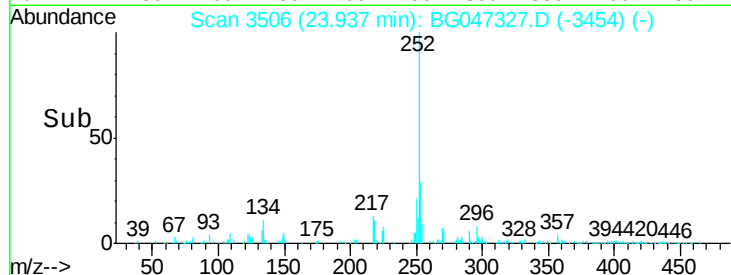
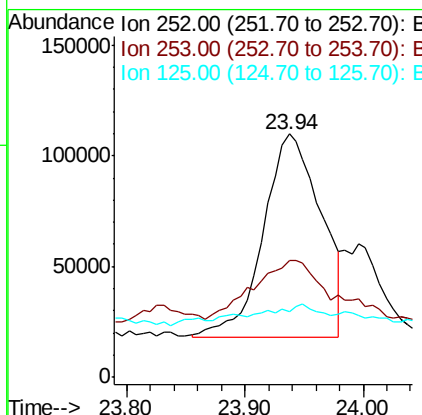
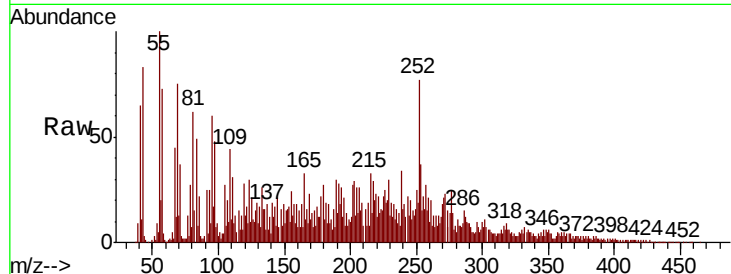
#88
Benzo(b)fluoranthene
Concen: 13.046 ng/ul m
RT: 23.94 min Scan# 3506
Delta R.T. 0.11 min
Lab File: BG047327.D
Acq: 16 Nov 2020 12:53

Instrument :
BNA_G
ClientSampled :
C0AB6

Tot Ion	Ratio	Lower	Upper
252	100		
253	48.0	18.0	27.0#
125	26.8	3.7	5.5#

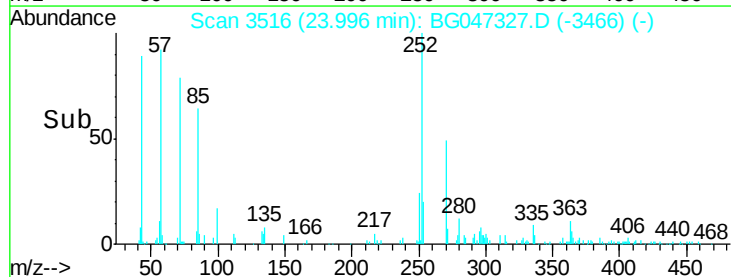
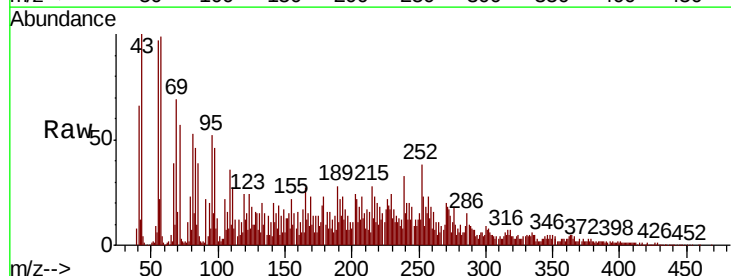
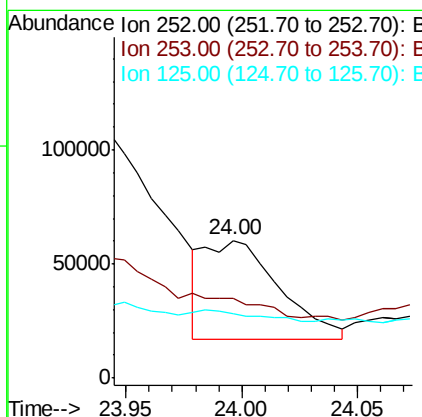
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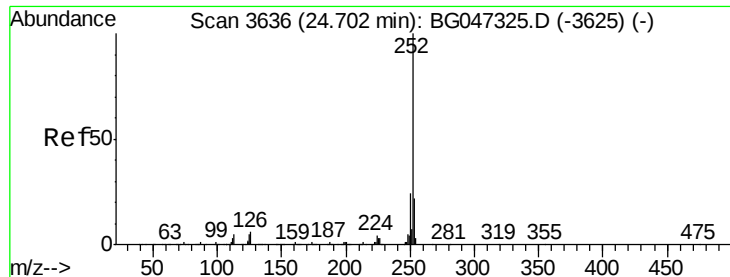
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#89
Benzo(k)fluoranthene
Concen: 4.205 ng/ul m
RT: 24.00 min Scan# 3516
Delta R.T. 0.09 min
Lab File: BG047327.D
Acq: 16 Nov 2020 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	58.5	18.2	27.4#
125	46.6	4.6	7.0#





#91

Benzo(a)pyrene

Concen: 13.627 ng/ul m

RT: 24.83 min Scan# 3658

Delta R.T. 0.13 min

Lab File: BG047327.D

Acq: 16 Nov 2020 12:53

Instrument :

BNA_G

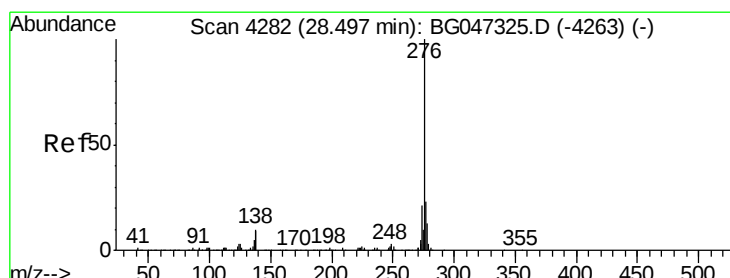
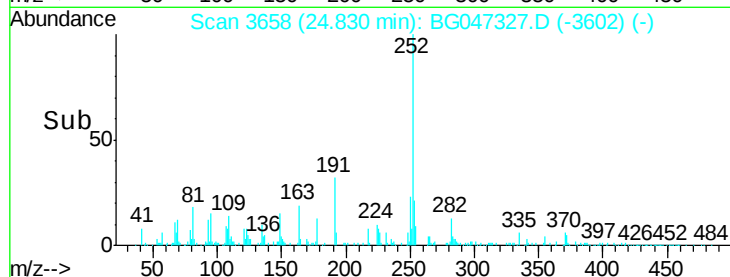
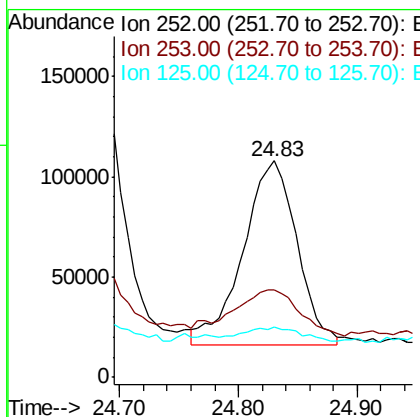
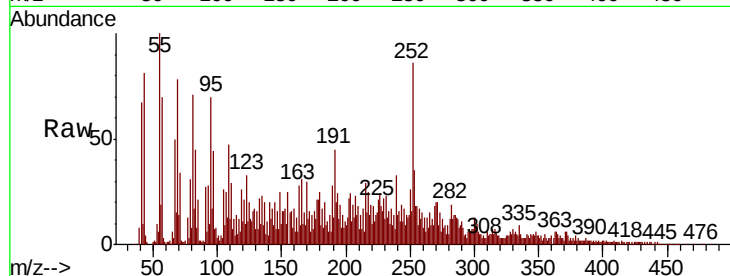
ClientSampleId :

C0AB6

Tot Ion:	252	Resp:	291438
Ion Ratio	Lower	Upper	
252	100		
253	40.4	17.8	26.6#
125	23.5	4.2	6.4#

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#92

Indeno(1,2,3-cd)pyrene

Concen: 4.513 ng/ul m

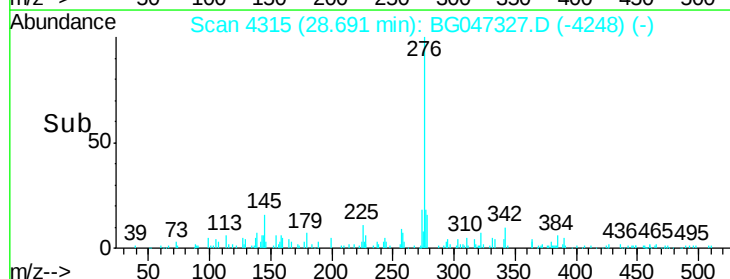
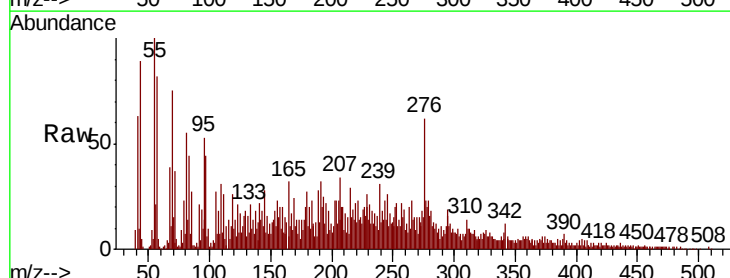
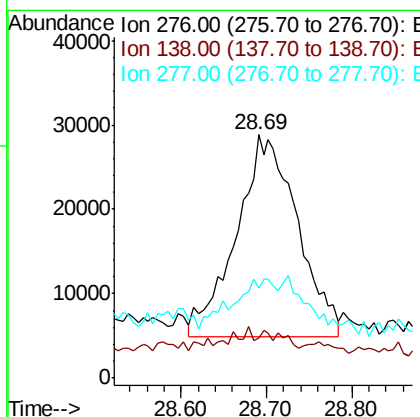
RT: 28.69 min Scan# 4315

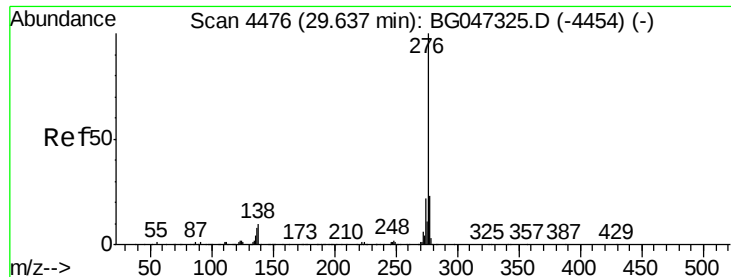
Delta R.T. 0.19 min

Lab File: BG047327.D

Acq: 16 Nov 2020 12:53

Tgt Ion:	276	Resp:	119955
Ion Ratio	Lower	Upper	
276	100		
138	16.5	8.1	12.1#
277	37.2	20.2	30.4#





#94

Benzo(a,h,i)perylene

Concen: 7.341 ng/ul m

RT: 29.87 min Scan# 4515

Delta R.T. 0.23 min

Lab File: BG047327.D

Acq: 16 Nov 2020 12:53

Instrument :

BNA_G

ClientSampleId :

C0AB6

Tot Ion: 276 Resp: 163075

Ion Ratio Lower Upper

276 100

138 14.7 9.0 13.6#

277 38.4 19.2 28.8#

Manual Integrations
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