

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123022\
 Data File : BM038349.D
 Acq On : 30 Dec 2022 11:44
 Operator : CG/JU
 Sample : PB149945BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK945

Quant Time: Dec 30 22:51:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 01:43:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

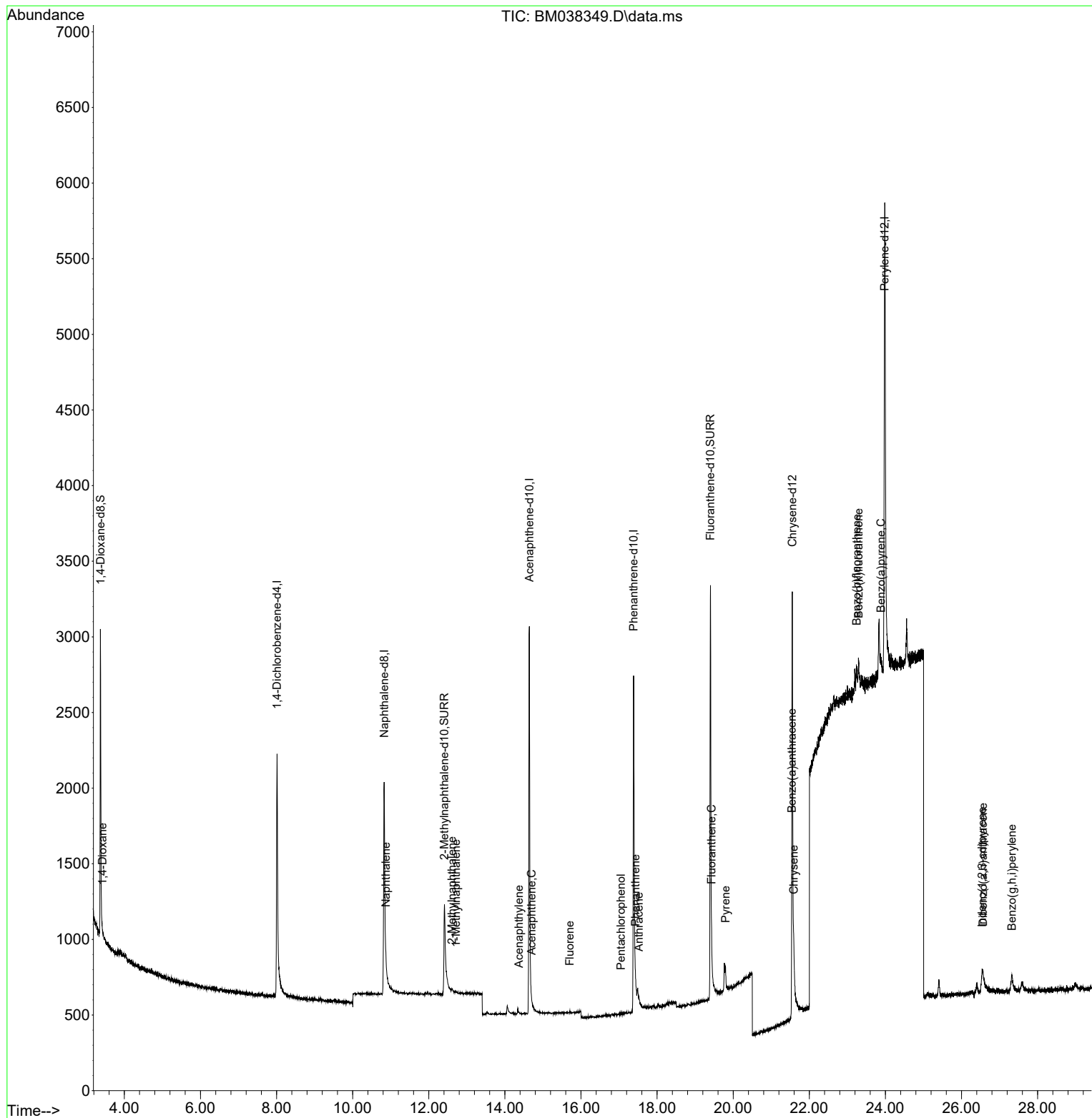
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	1192	0.400	ng/ul	0.00
4) Naphthalene-d8	10.829	136	3266	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.643	164	1742	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	3670	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	3959	0.400	ng/ul	0.00
23) Perylene-d12	23.983	264	4948	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	1264	0.711	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.412	152	1564	0.319	ng/ul	0.00
18) Fluoranthene-d10	19.403	212	4055	0.361	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	12	0.007	ng/ul#	65
5) Naphthalene	10.873	128	8	0.001	ng/ul#	1
7) 2-Methylnaphthalene	12.605	142	4	0.001	ng/ul	85
8) 1-Methylnaphthalene	12.715	142	4	0.001	ng/ul#	1
10) Acenaphthylene	14.370	152	7	0.001	ng/ul#	1
11) Acenaphthene	14.703	153	6	0.001	ng/ul#	64
12) Fluorene	15.707	166	15	0.002	ng/ul#	61
14) Pentachlorophenol	17.050	266	3	0.002	ng/ul#	49
15) Phenanthrene	17.430	178	61	0.006	ng/ul#	1
16) Anthracene	17.523	178	49	0.005	ng/ul#	1
19) Fluoranthene	19.431	202	155	0.011	ng/ul#	1
20) Pyrene	19.799	202	161	0.011	ng/ul#	2
21) Benzo(a)anthracene	21.539	228	200	0.015	ng/ul#	51
22) Chrysene	21.591	228	248	0.018	ng/ul#	60
24) Benzo(b)fluoranthene	23.246	252	275	0.015	ng/ul#	1
25) Benzo(k)fluoranthene	23.298	252	253	0.014	ng/ul#	1
26) Benzo(a)pyrene	23.886	252	160	0.009	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.538	276	289	0.012	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.565	278	242	0.012	ng/ul#	1
29) Benzo(g,h,i)perylene	27.323	276	330	0.015	ng/ul#	1

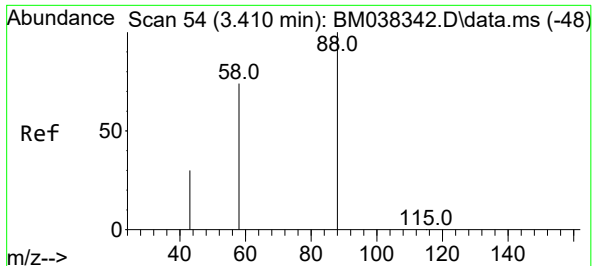
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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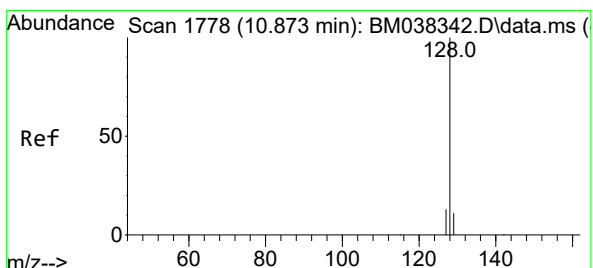
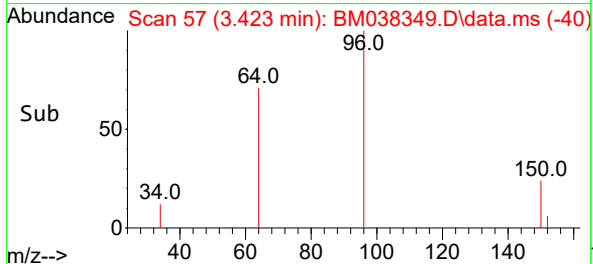
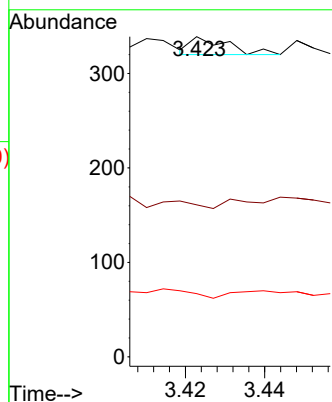
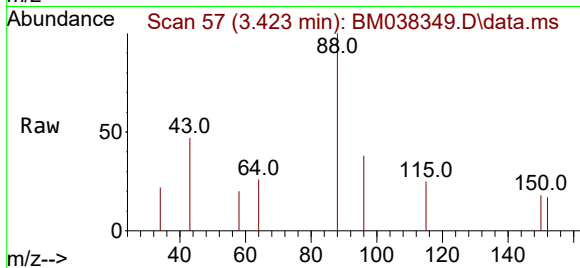




#2
1,4-Dioxane
Concen: 0.007 ng/ul
RT: 3.423 min Scan# 51
Delta R.T. 0.013 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

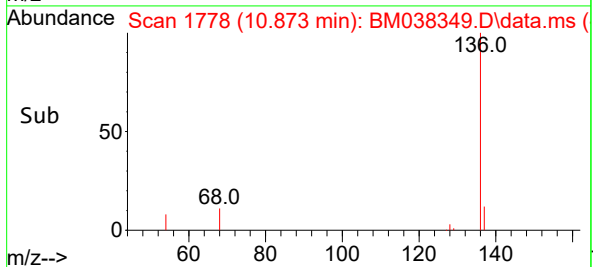
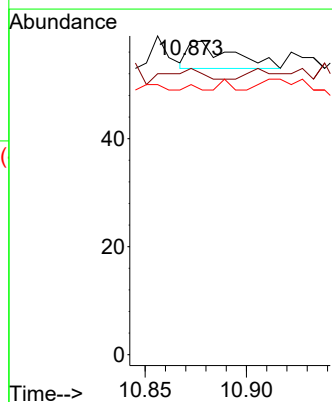
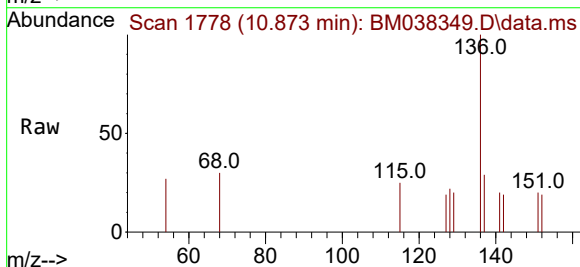
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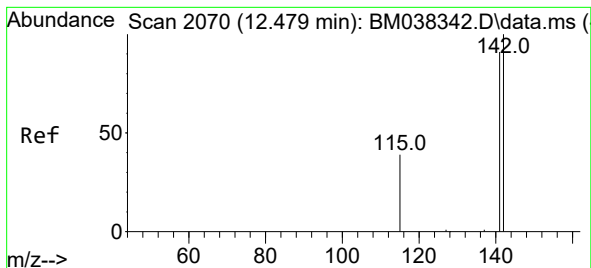
Tgt Ion: 88 Resp: 12
Ion Ratio Lower Upper
88 100
43 47.5 32.6 49.0
58 19.8 46.6 69.8#



#5
Naphthalene
Concen: 0.001 ng/ul
RT: 10.873 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

Tgt Ion:128 Resp: 8
Ion Ratio Lower Upper
128 100
129 91.4 10.2 15.2#
127 86.2 11.4 17.2#

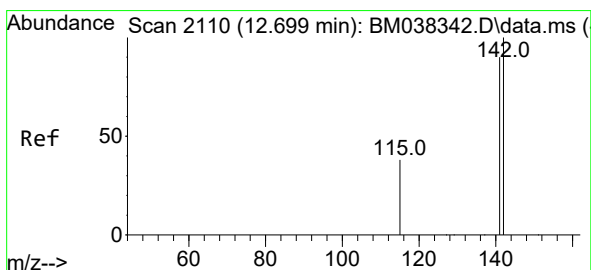
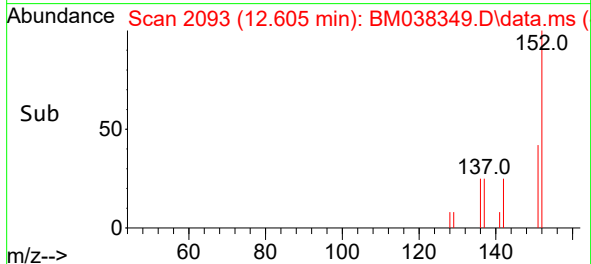
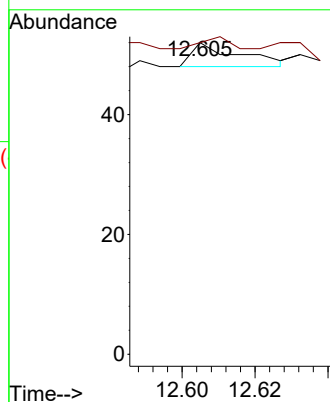
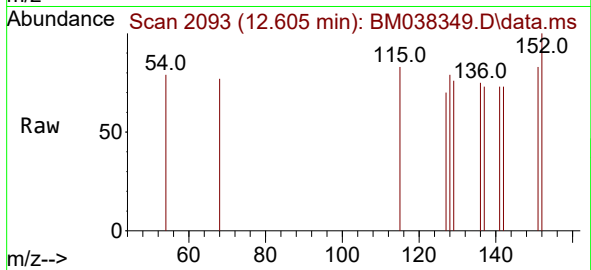




#7
2-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.605 min Scan# 2070
Delta R.T. 0.126 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

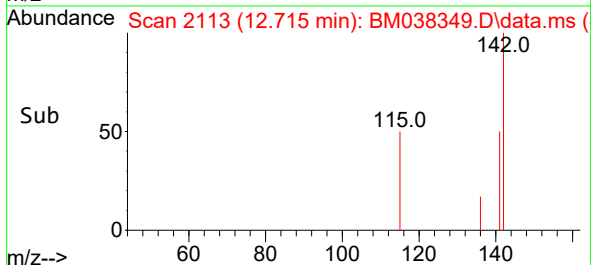
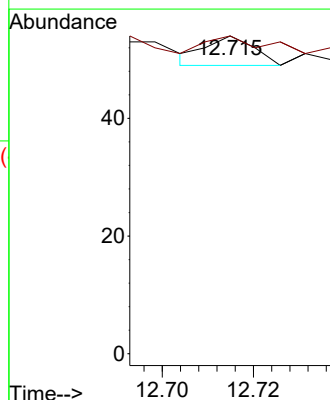
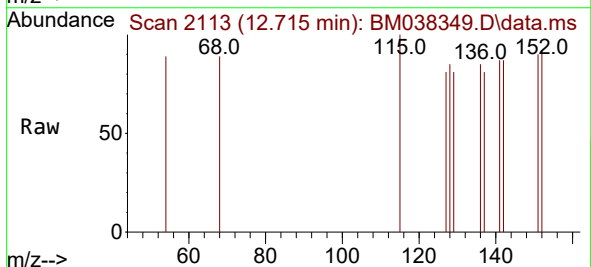
Instrument :
BNA_M
ClientSampleId :
SBLK945

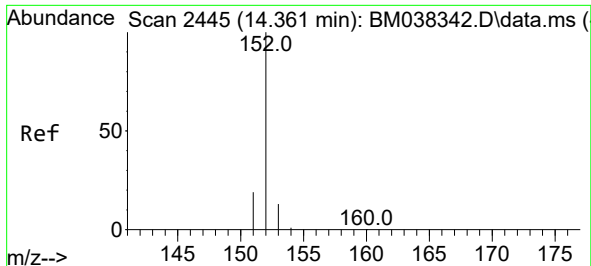
Tgt Ion:142 Resp: 4
Ion Ratio Lower Upper
142 100
141 75.0 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.715 min Scan# 2113
Delta R.T. 0.016 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

Tgt Ion:142 Resp: 4
Ion Ratio Lower Upper
142 100
141 200.0 73.2 109.8#

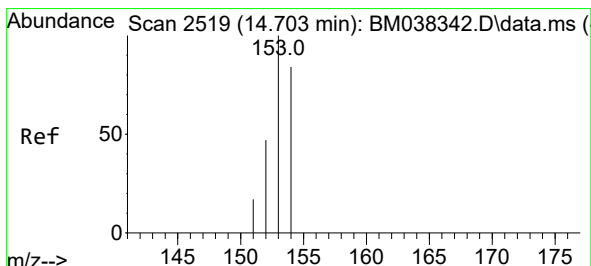
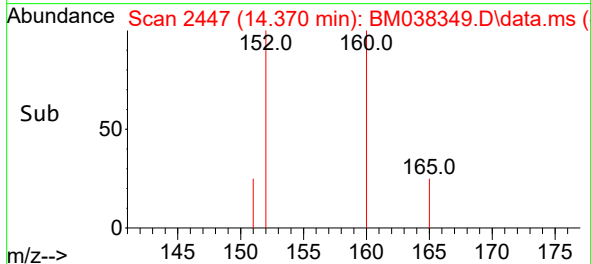
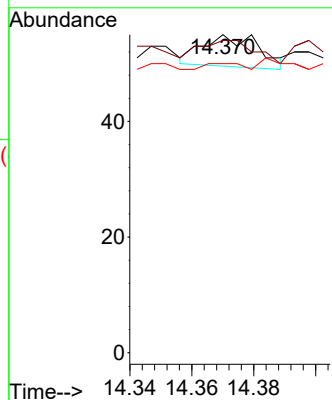
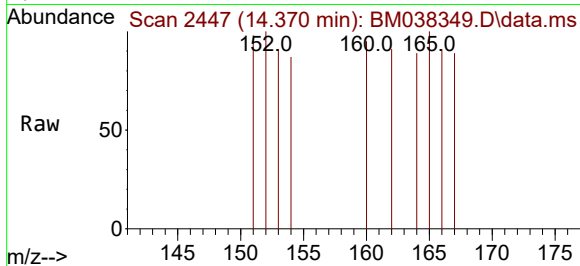




#10
Acenaphthylene
Concen: 0.001 ng/ul
RT: 14.370 min Scan# 2445
Delta R.T. 0.009 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

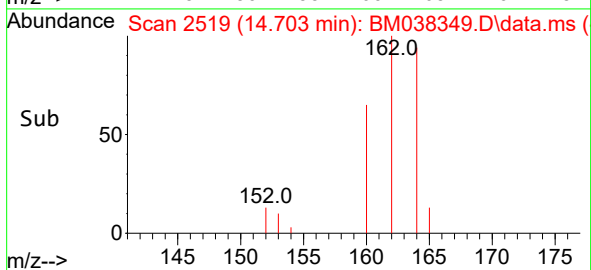
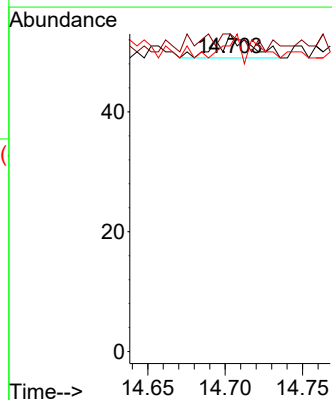
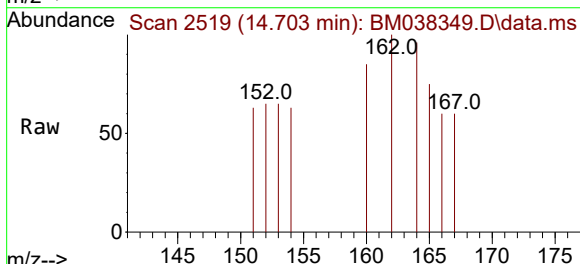
Instrument :
BNA_M
ClientSampleId :
SBLK945

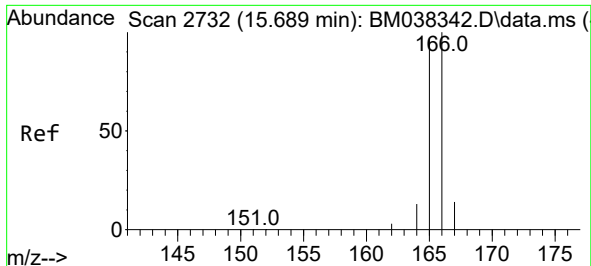
Tgt Ion:152 Resp: 7
Ion Ratio Lower Upper
152 100
151 98.2 17.0 25.4#
153 90.9 12.0 18.0#



#11
Acenaphthene
Concen: 0.001 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

Tgt Ion:153 Resp: 6
Ion Ratio Lower Upper
153 100
152 100.0 38.8 58.2#
154 96.2 67.3 100.9

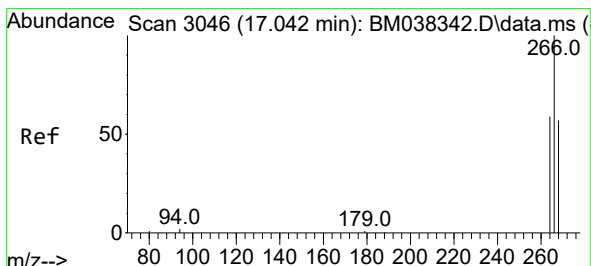
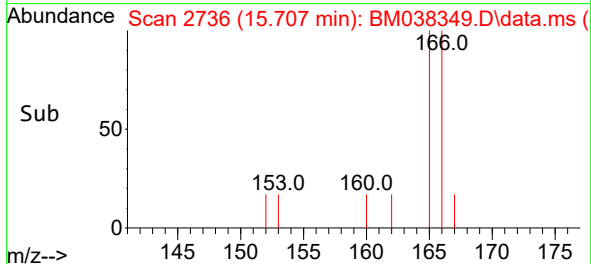
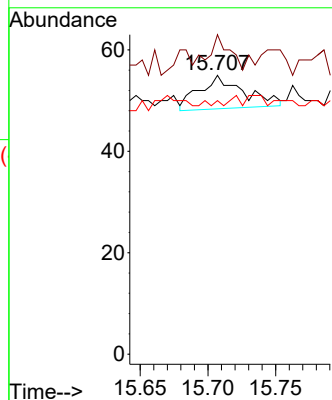
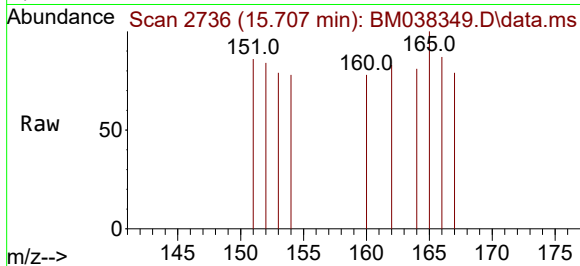




#12
Fluorene
Concen: 0.002 ng/ul
RT: 15.707 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

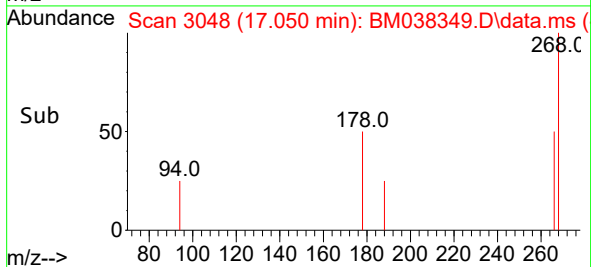
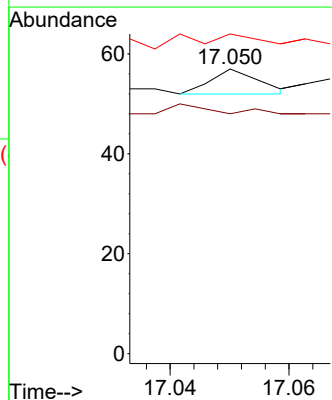
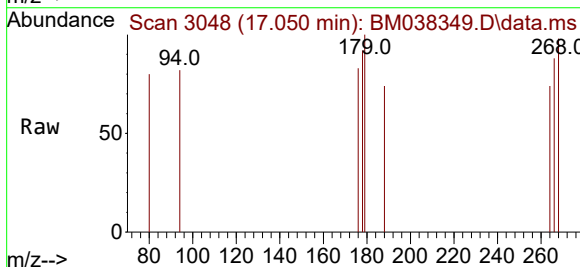
Instrument :
BNA_M
ClientSampleId :
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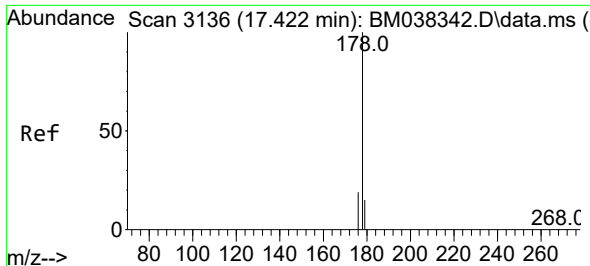
Tgt Ion:166 Resp: 15
Ion Ratio Lower Upper
166 100
165 114.5 78.2 117.2
167 90.9 12.5 18.7#



#14
Pentachlorophenol
Concen: 0.002 ng/ul
RT: 17.050 min Scan# 3048
Delta R.T. 0.008 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

Tgt Ion:266 Resp: 3
Ion Ratio Lower Upper
266 100
264 100.0 50.0 75.0#
268 100.0 48.2 72.2#

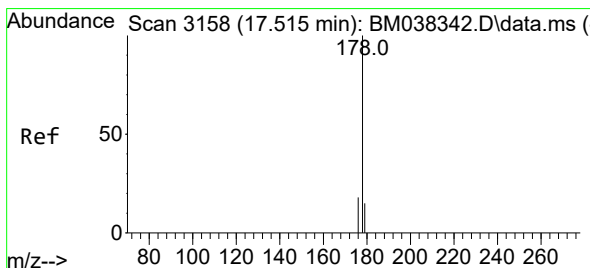
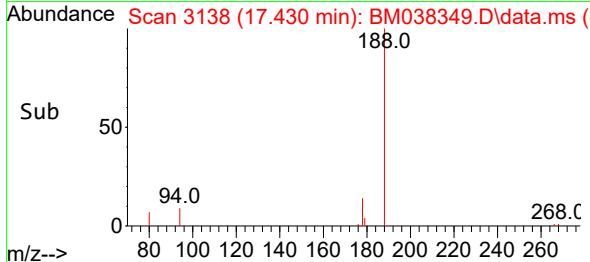
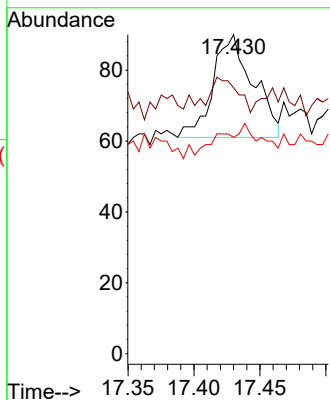
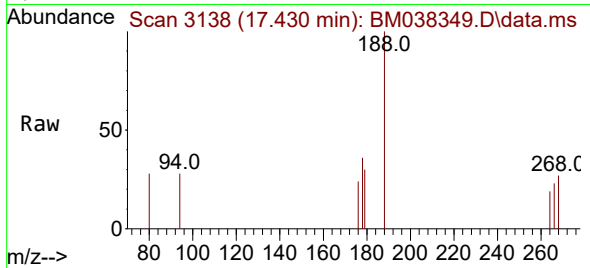




#15
Phenanthrene
Concen: 0.006 ng/ul
RT: 17.430 min Scan# 3138
Delta R.T. 0.008 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

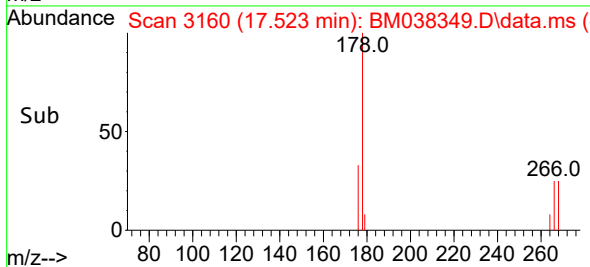
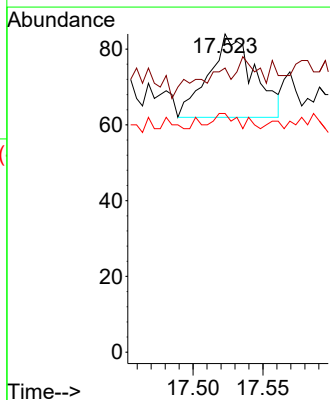
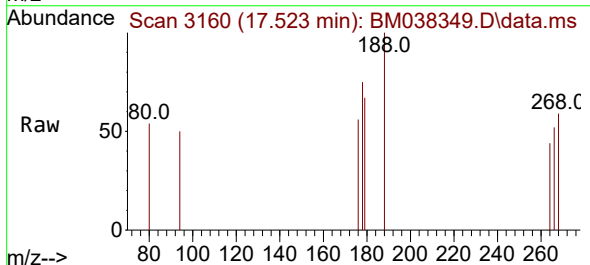
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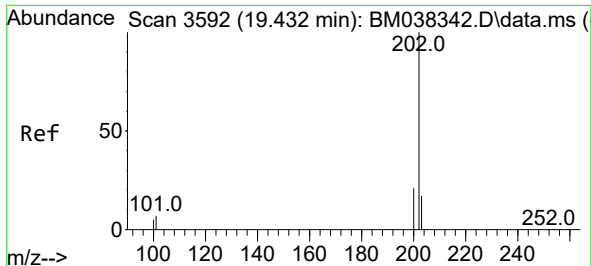
Tgt Ion:178 Resp: 61
Ion Ratio Lower Upper
178 100
179 83.3 13.5 20.3#
176 67.8 16.6 25.0#



#16
Anthracene
Concen: 0.005 ng/ul
RT: 17.523 min Scan# 3160
Delta R.T. 0.008 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

Tgt Ion:178 Resp: 49
Ion Ratio Lower Upper
178 100
179 89.3 14.2 21.2#
176 75.0 15.8 23.8#





#19

Fluoranthene

Concen: 0.011 ng/ul

RT: 19.431 min Scan# 3592

Delta R.T. -0.000 min

Lab File: BM038349.D

Acq: 30 Dec 2022 11:44

Instrument :

BNA_M

ClientSampleId :

SBLK945

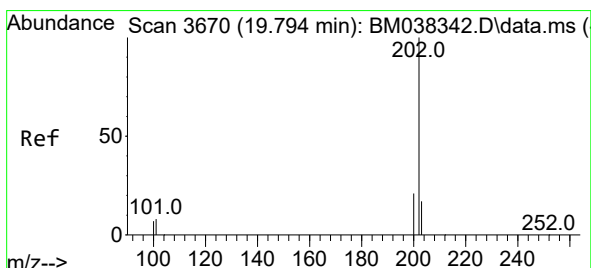
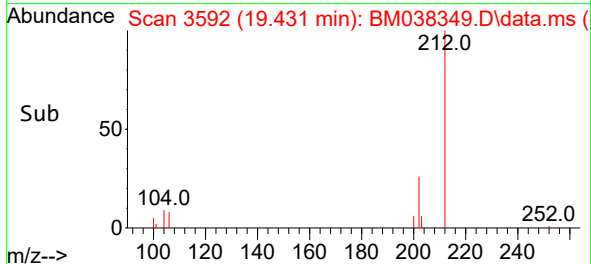
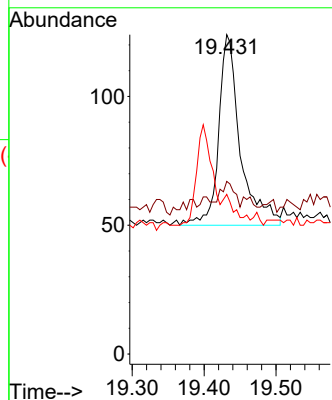
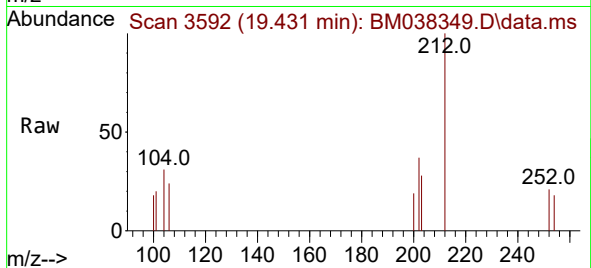
Tgt Ion:202 Resp: 155

Ion Ratio Lower Upper

202 100

101 54.0 6.6 10.0#

100 50.0 5.4 8.2#



#20

Pyrene

Concen: 0.011 ng/ul

RT: 19.799 min Scan# 3671

Delta R.T. 0.004 min

Lab File: BM038349.D

Acq: 30 Dec 2022 11:44

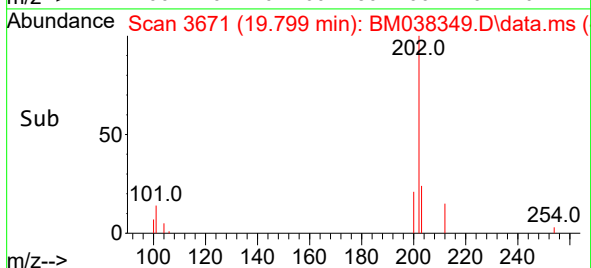
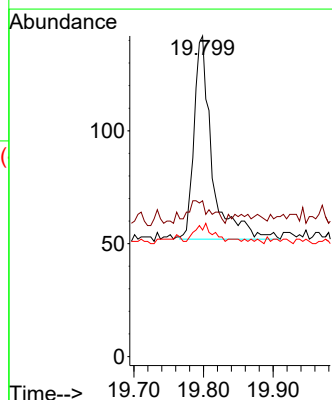
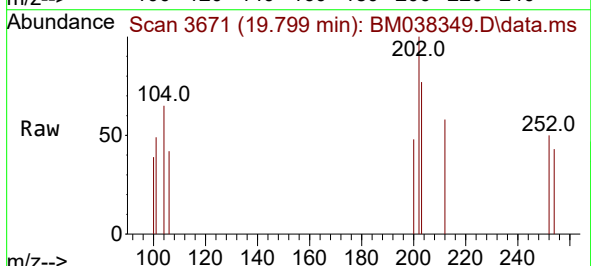
Tgt Ion:202 Resp: 161

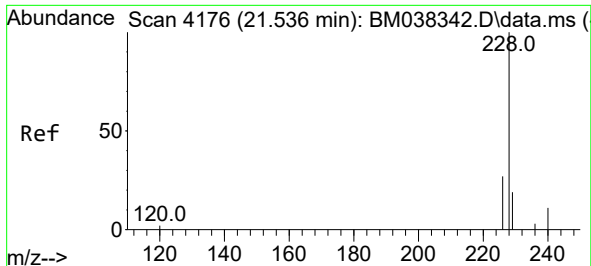
Ion Ratio Lower Upper

202 100

101 48.6 7.8 11.6#

100 39.4 6.5 9.7#

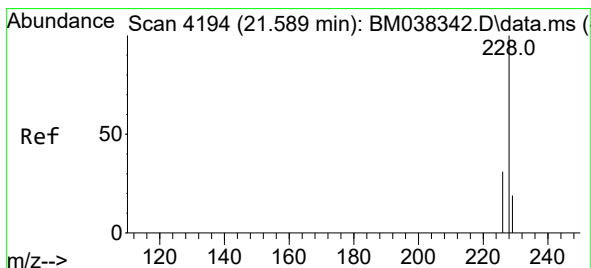
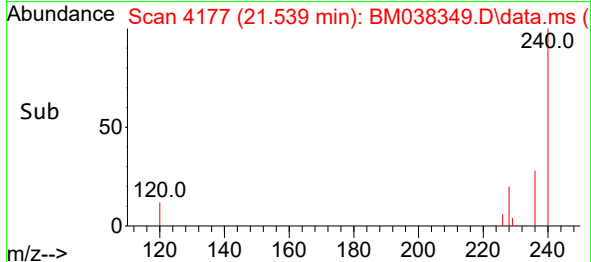
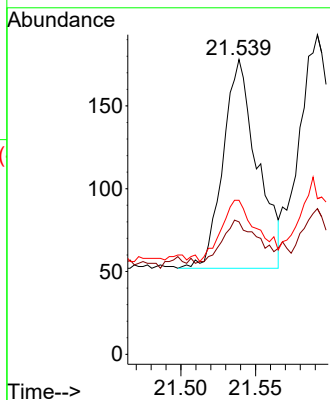
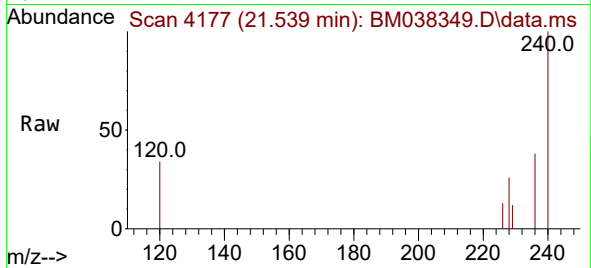




#21
Benzo(a)anthracene
Concen: 0.015 ng/ul
RT: 21.539 min Scan# 4176
Delta R.T. 0.003 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

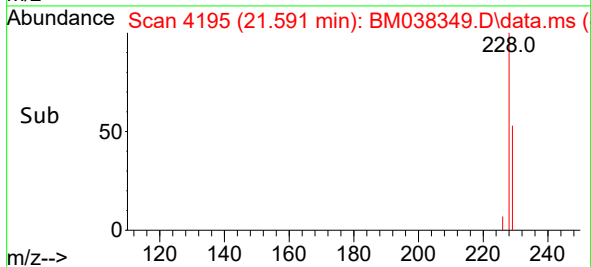
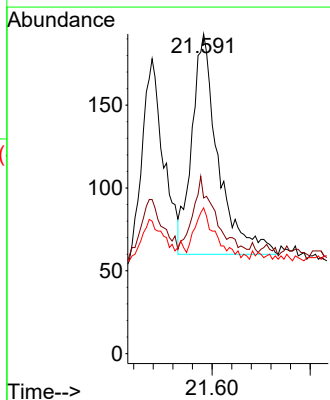
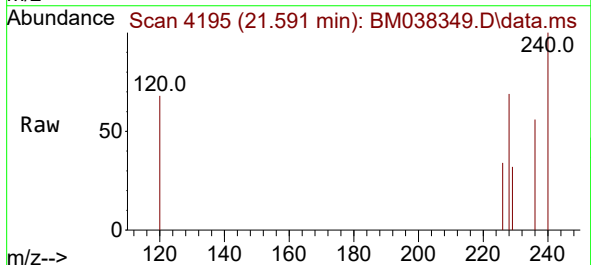
Instrument :
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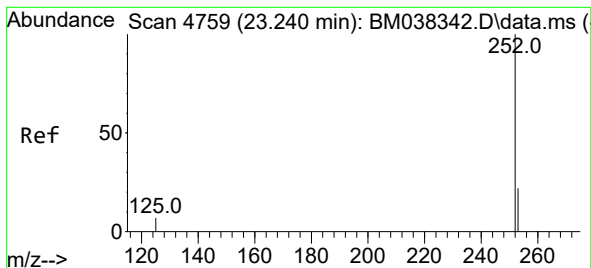
Tgt Ion:228 Resp: 200
Ion Ratio Lower Upper
228 100
229 44.9 16.4 24.6#
226 52.2 22.2 33.2#



#22
Chrysene
Concen: 0.018 ng/ul
RT: 21.591 min Scan# 4195
Delta R.T. 0.003 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

Tgt Ion:228 Resp: 248
Ion Ratio Lower Upper
228 100
226 48.7 25.3 37.9#
229 45.6 16.4 24.6#





#24

Benzo(b)fluoranthene

Concen: 0.015 ng/ul

RT: 23.246 min Scan# 4759

Delta R.T. 0.006 min

Lab File: BM038349.D

Acq: 30 Dec 2022 11:44

Instrument :

BNA_M

ClientSampleId :

SBLK945

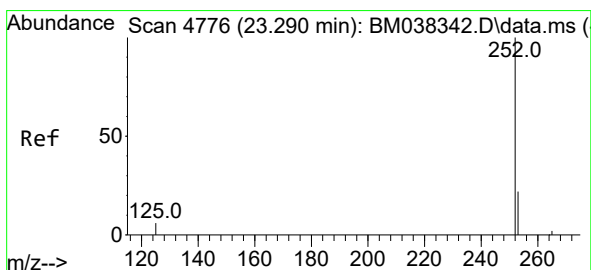
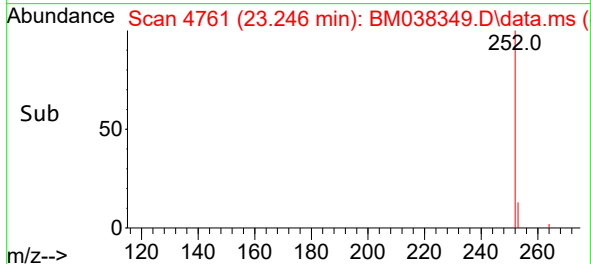
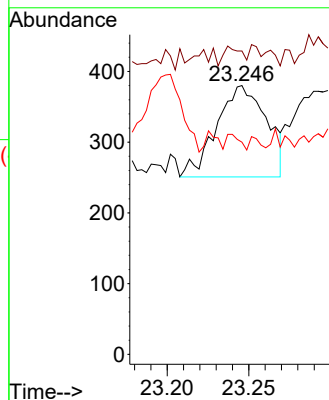
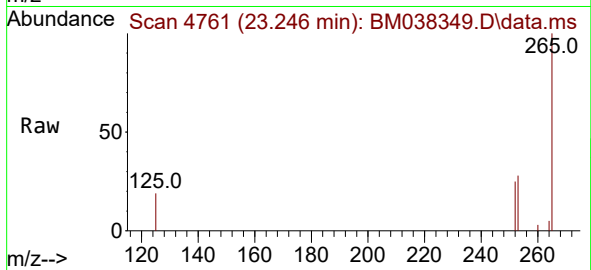
Tgt Ion:252 Resp: 275

Ion Ratio Lower Upper

252 100

253 112.9 0.0 60.4#

125 78.9 0.0 27.6#



#25

Benzo(k)fluoranthene

Concen: 0.014 ng/ul

RT: 23.298 min Scan# 4779

Delta R.T. 0.009 min

Lab File: BM038349.D

Acq: 30 Dec 2022 11:44

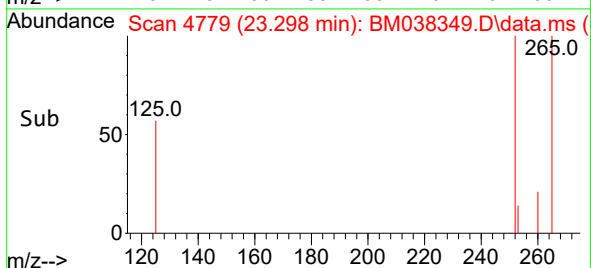
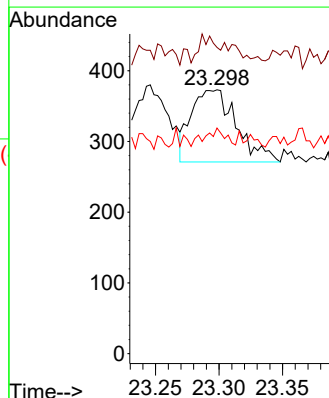
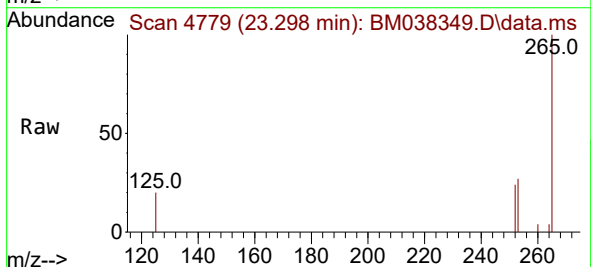
Tgt Ion:252 Resp: 253

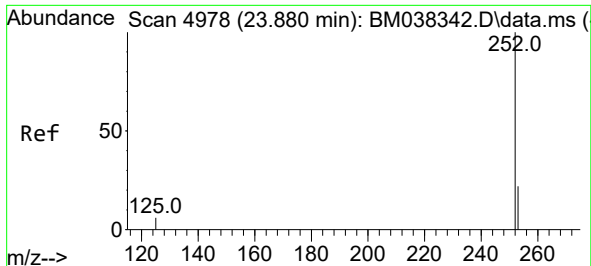
Ion Ratio Lower Upper

252 100

253 116.1 24.4 36.6#

125 85.5 10.7 16.1#

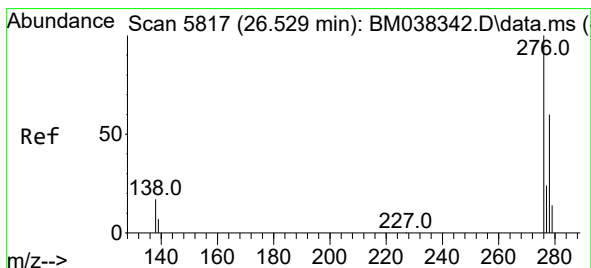
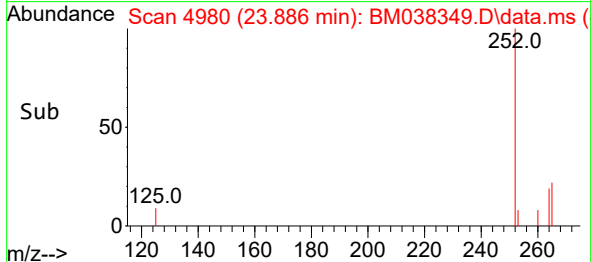
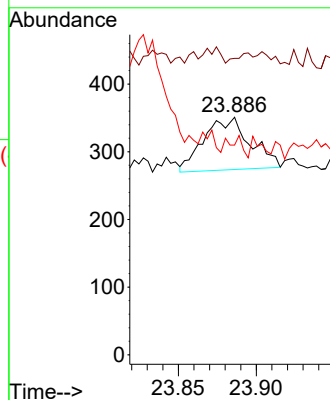
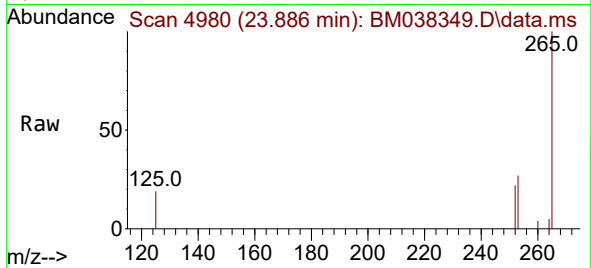




#26
Benzo(a)pyrene
Concen: 0.009 ng/ul
RT: 23.886 min Scan# 4978
Delta R.T. 0.006 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

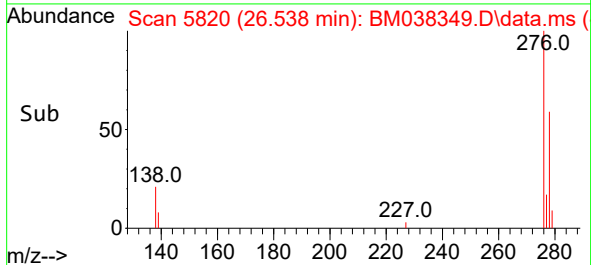
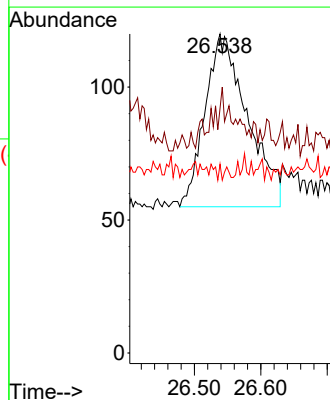
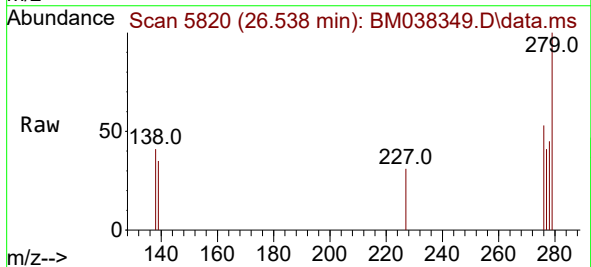
Instrument :
BNA_M
ClientSampleId :
SBLK945

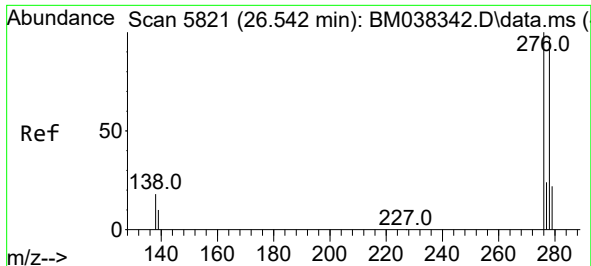
Tgt Ion:252 Resp: 160
Ion Ratio Lower Upper
252 100
253 124.8 27.4 41.2#
125 88.3 13.8 20.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.012 ng/ul
RT: 26.538 min Scan# 5820
Delta R.T. 0.010 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

Tgt Ion:276 Resp: 289
Ion Ratio Lower Upper
276 100
138 14.2 14.1 21.1
227 0.7 0.1 0.1#

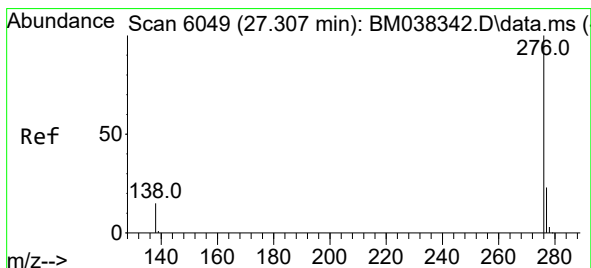
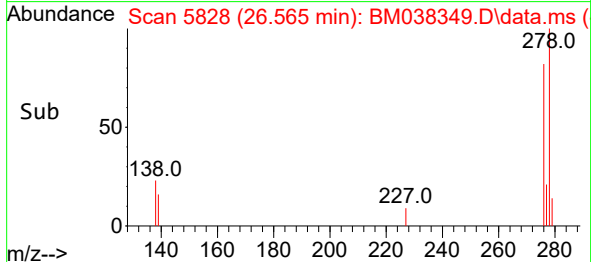
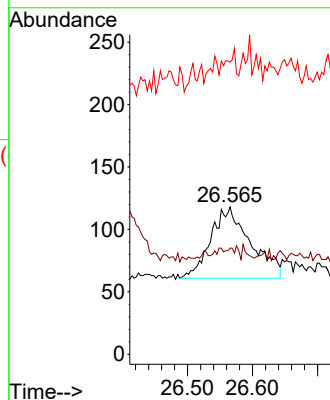
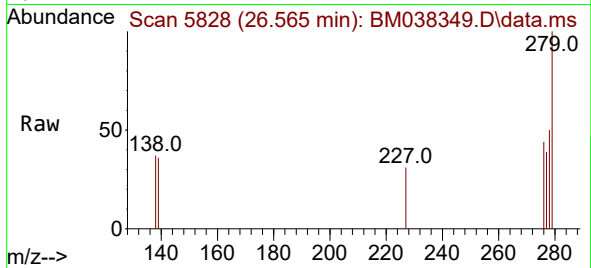




#28
Dibenzo(a,h)anthracene
Concen: 0.012 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. 0.023 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

Instrument :
BNA_M
ClientSampleId :
SBLK945

Tgt Ion:278 Resp: 242
Ion Ratio Lower Upper
278 100
139 72.0 11.4 17.0#
279 198.3 26.4 39.6#



#29
Benzo(g,h,i)perylene
Concen: 0.015 ng/ul
RT: 27.323 min Scan# 6054
Delta R.T. 0.017 min
Lab File: BM038349.D
Acq: 30 Dec 2022 11:44

Tgt Ion:276 Resp: 330
Ion Ratio Lower Upper
276 100
138 72.4 14.4 21.6#
277 73.1 20.7 31.1#

