

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032473.D
 Acq On : 04 Jul 2024 13:57
 Operator : MA/JU
 Sample : PB161629BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

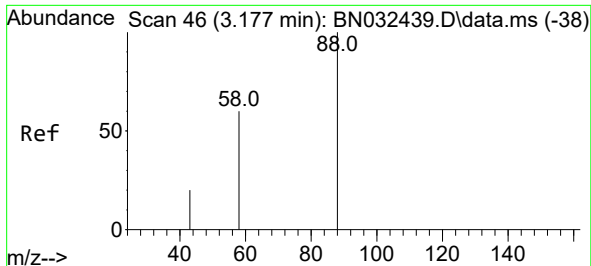
Instrument :
 BNA_N
 ClientSampleId :
 SLCS629

Quant Time: Jul 04 23:06:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	5838	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	18054	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	9750	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.008	188	16701	0.400	ng/ul	0.00
17) Chrysene-d12	21.214	240	14532	0.400	ng/ul	0.00
23) Perylene-d12	23.430	264	17774	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	4425	0.682	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	8890	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.045	212	15047	0.344	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.173	88	11703	1.584	ng/ul	89
5) Naphthalene	10.426	128	15977	0.334	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	9728	0.307	ng/ul	100
8) 1-Methylnaphthalene	12.274	142	9855	0.300	ng/ul	98
10) Acenaphthylene	13.971	152	13962	0.344	ng/ul	99
11) Acenaphthene	14.309	153	10690	0.340	ng/ul	98
12) Fluorene	15.313	166	10923	0.291	ng/ul	98
14) Pentachlorophenol	16.678	266	2650	0.701	ng/ul	99
15) Phenanthrene	17.050	178	15167	0.331	ng/ul	98
16) Anthracene	17.147	178	14106	0.345	ng/ul	98
19) Fluoranthene	19.078	202	17492	0.316	ng/ul	98
20) Pyrene	19.440	202	18825	0.326	ng/ul	99
21) Benzo(a)anthracene	21.200	228	17704	0.338	ng/ul	97
22) Chrysene	21.249	228	19255	0.334	ng/ul	96
24) Benzo(b)fluoranthene	22.763	252	19955	0.258	ng/ul	86
25) Benzo(k)fluoranthene	22.807	252	20915	0.279	ng/ul#	86
26) Benzo(a)pyrene	23.336	252	19725	0.367	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.666	276	26256	0.312	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.673	278	20257	0.324	ng/ul#	90
29) Benzo(g,h,i)perylene	26.357	276	20449	0.305	ng/ul	93

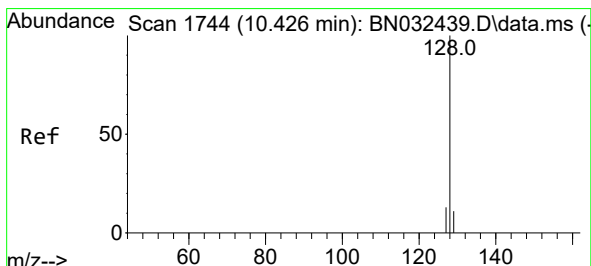
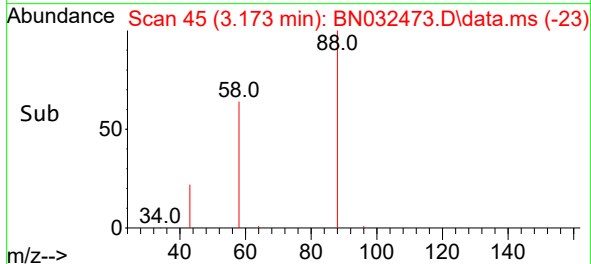
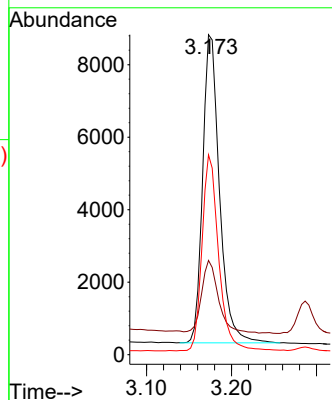
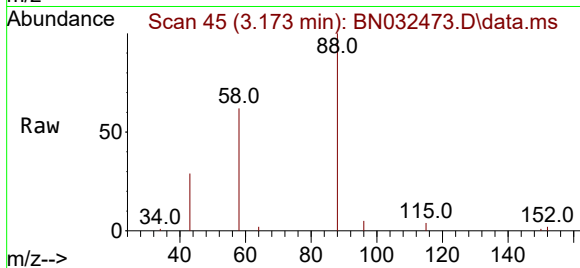
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 1.584 ng/ul
RT: 3.173 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

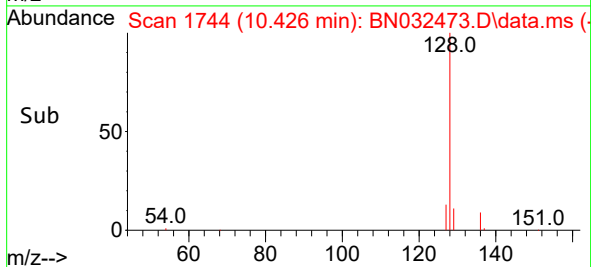
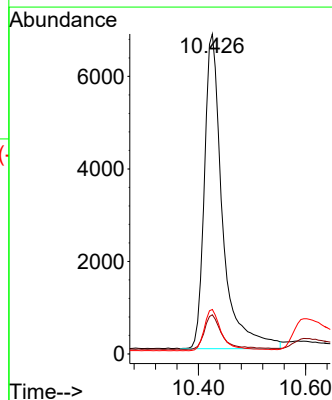
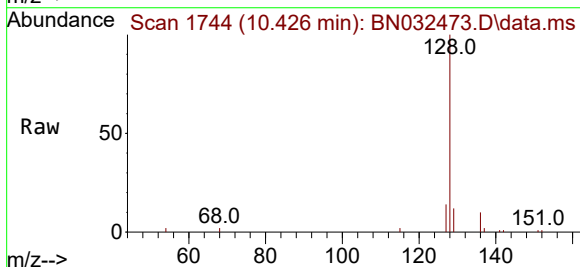
Instrument :
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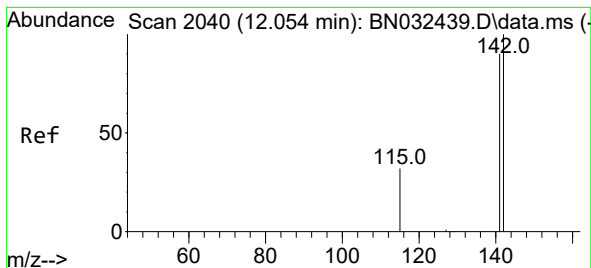
Tgt Ion: 88 Resp: 11703
Ion Ratio Lower Upper
88 100
43 29.5 28.4 42.6
58 62.4 43.3 64.9



#5
Naphthalene
Concen: 0.334 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

Tgt Ion: 128 Resp: 15977
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.9 10.8 16.2

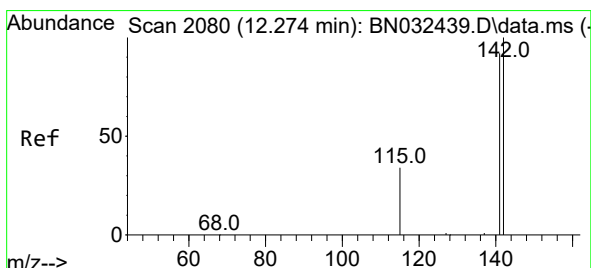
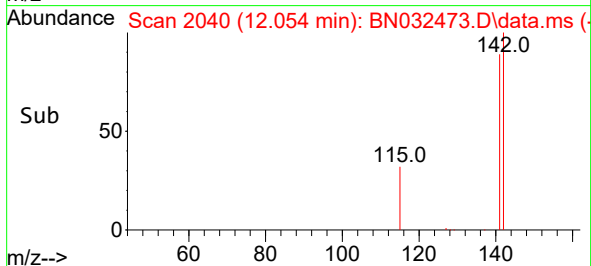
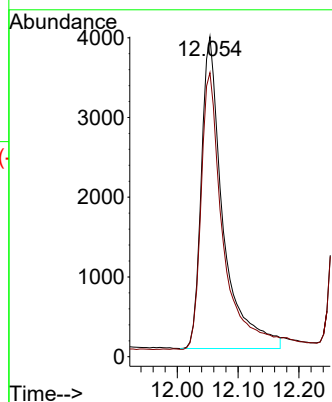
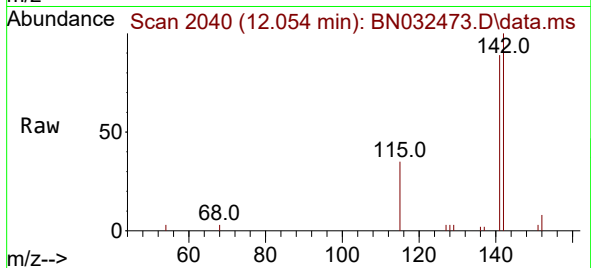




#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

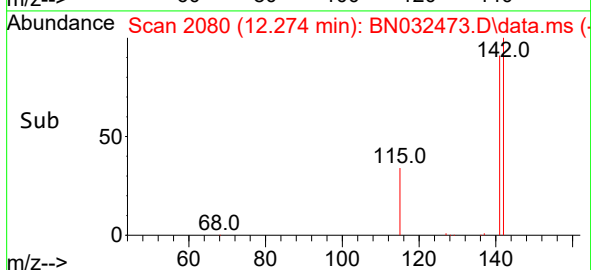
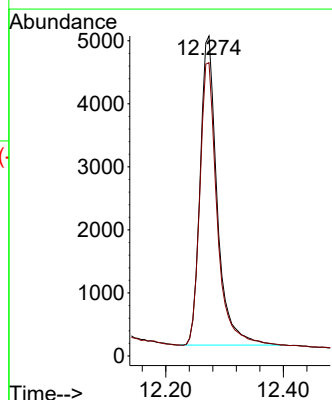
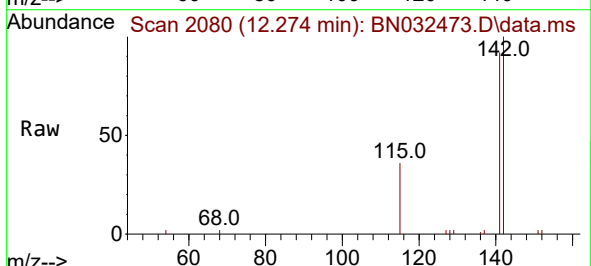
Instrument :
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ClientSampleId :
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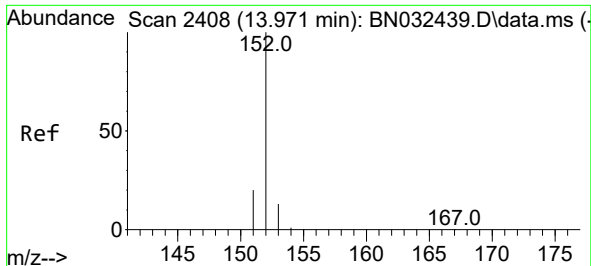
Tgt Ion:142 Resp: 9728
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

Tgt Ion:142 Resp: 9855
Ion Ratio Lower Upper
142 100
141 93.2 73.4 110.0

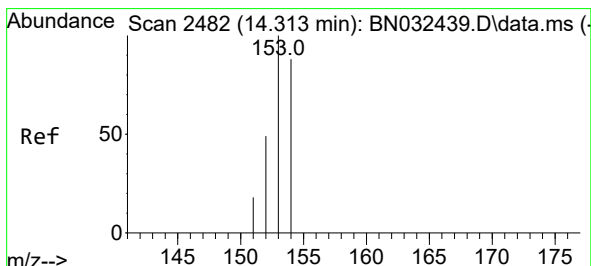
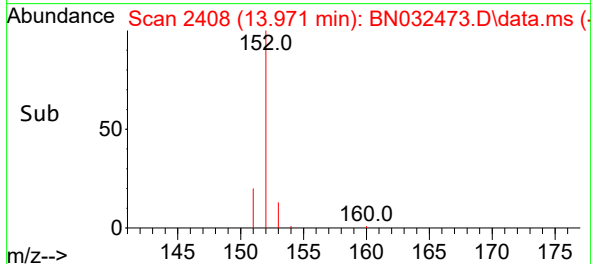
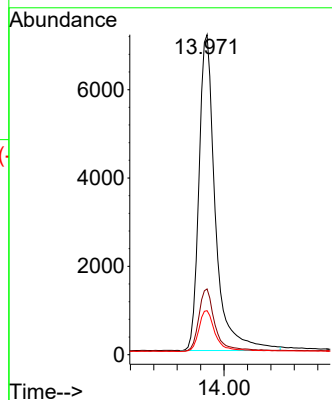
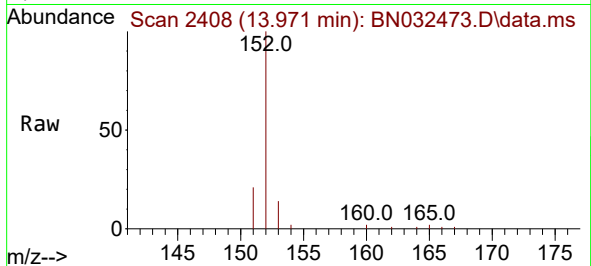




#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

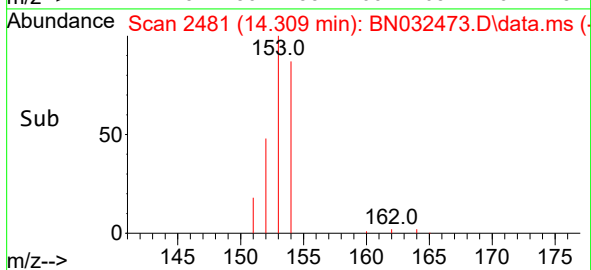
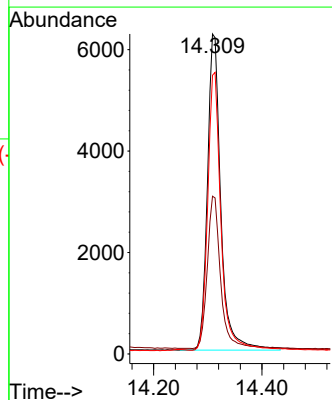
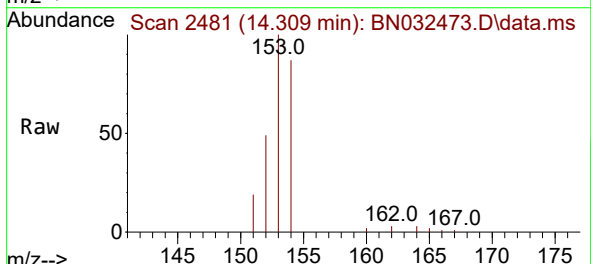
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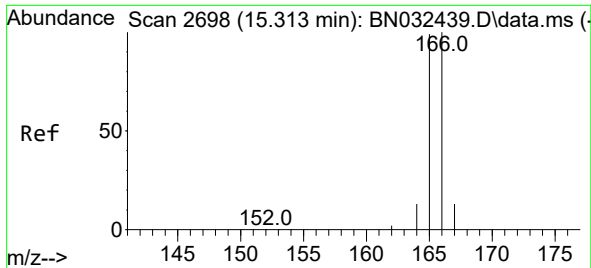
Tgt Ion:152 Resp: 13962
Ion Ratio Lower Upper
152 100
151 20.6 15.7 23.5
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

Tgt Ion:153 Resp: 10690
Ion Ratio Lower Upper
153 100
152 49.3 39.5 59.3
154 87.1 71.7 107.5

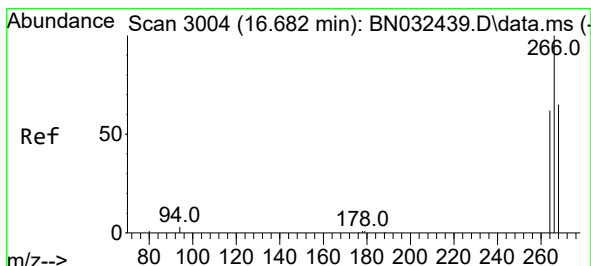
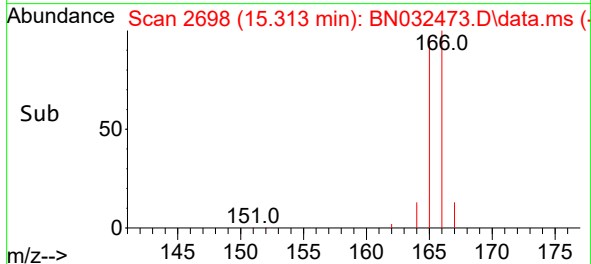
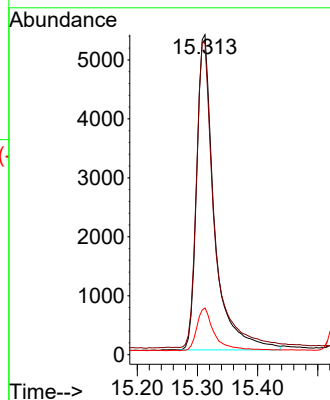
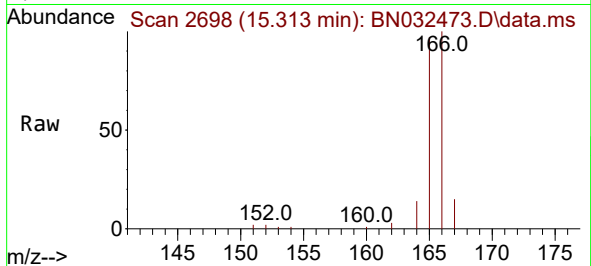




#12
Fluorene
Concen: 0.291 ng/ul
RT: 15.313 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

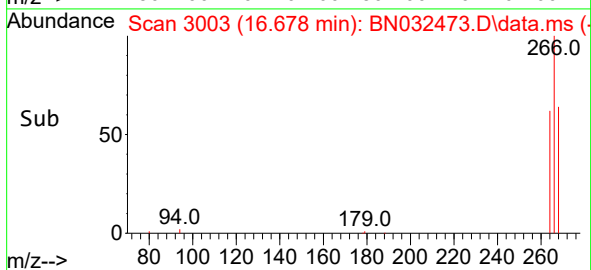
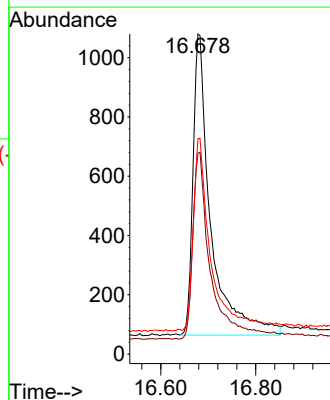
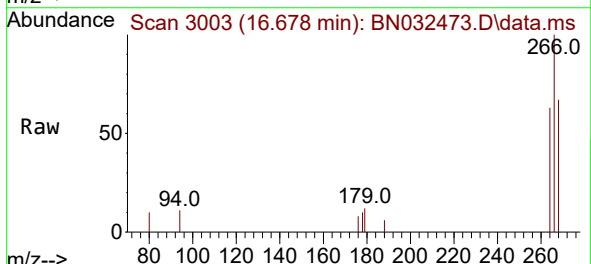
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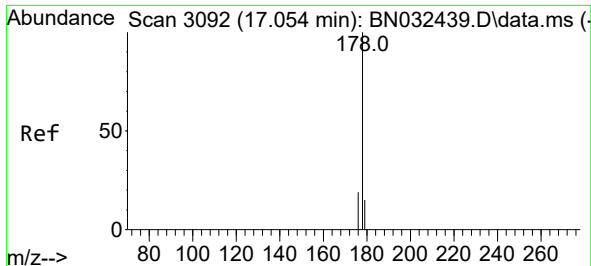
Tgt Ion:166 Resp: 10923
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.6
167 14.6 11.0 16.6



#14
Pentachlorophenol
Concen: 0.701 ng/ul
RT: 16.678 min Scan# 3003
Delta R.T. 0.004 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

Tgt Ion:266 Resp: 2650
Ion Ratio Lower Upper
266 100
264 62.0 49.9 74.9
268 64.7 52.4 78.6

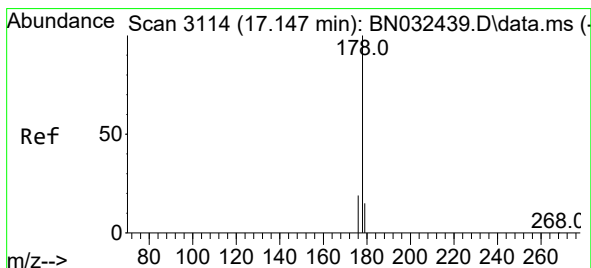
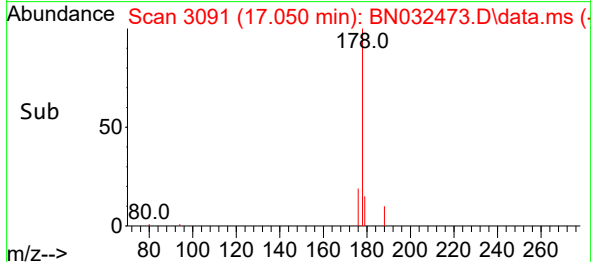
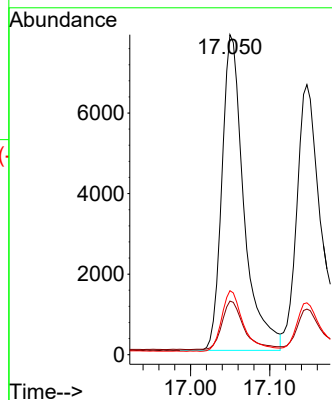
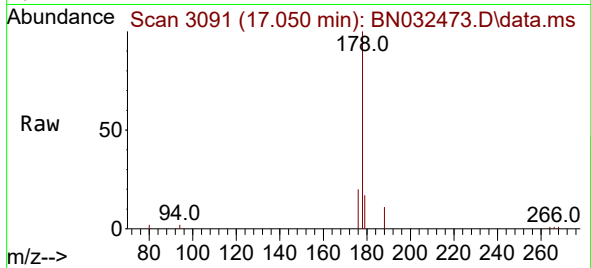




#15
Phenanthrene
Concen: 0.331 ng/ul
RT: 17.050 min Scan# 3092
Delta R.T. 0.000 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

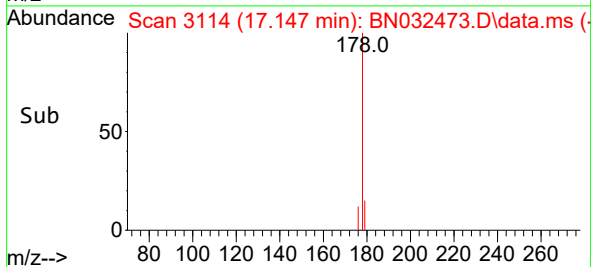
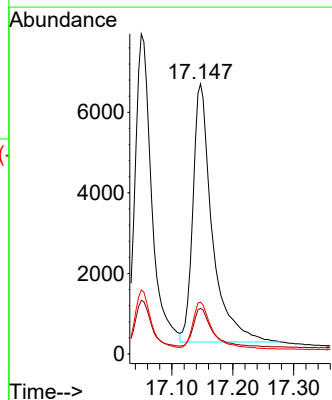
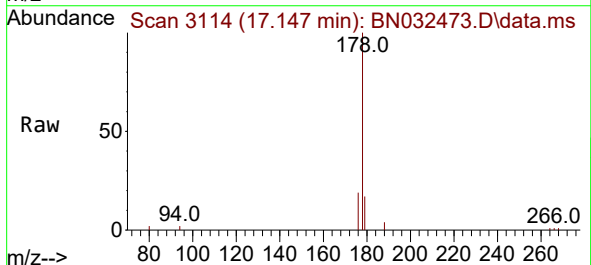
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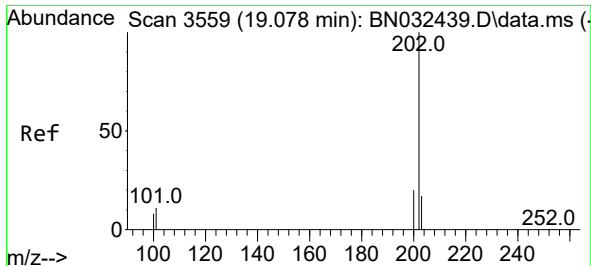
Tgt Ion:178 Resp: 15167
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 20.0 15.6 23.4



#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.147 min Scan# 3114
Delta R.T. 0.004 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

Tgt Ion:178 Resp: 14106
Ion Ratio Lower Upper
178 100
179 16.9 12.5 18.7
176 19.2 15.0 22.6

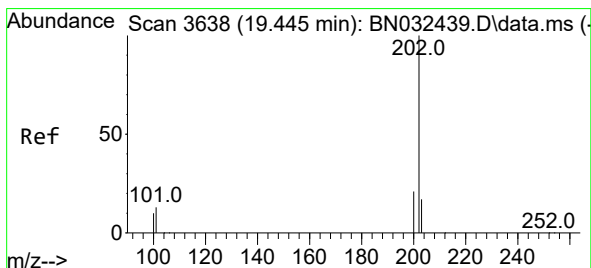
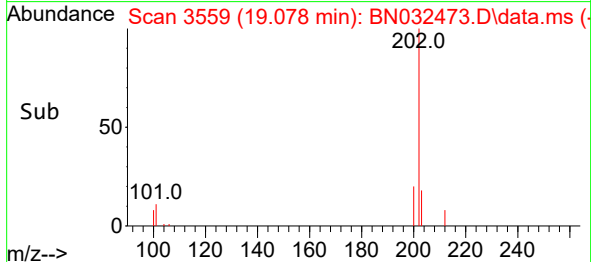
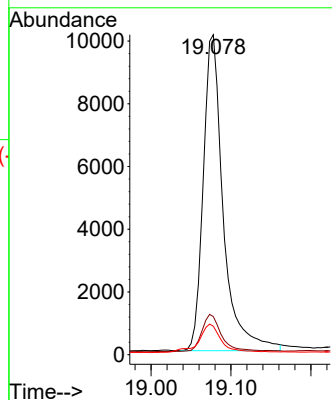
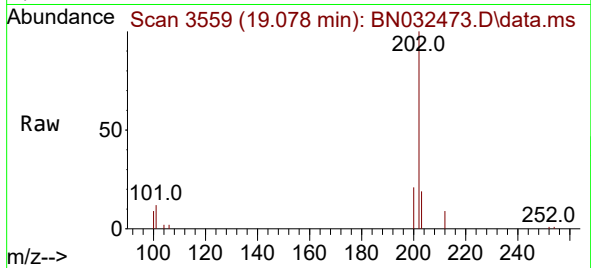




#19
Fluoranthene
Concen: 0.316 ng/ul
RT: 19.078 min Scan# 3559
Delta R.T. 0.005 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

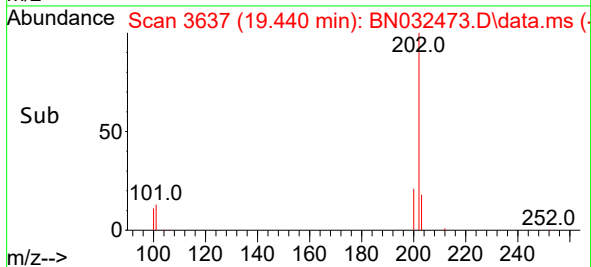
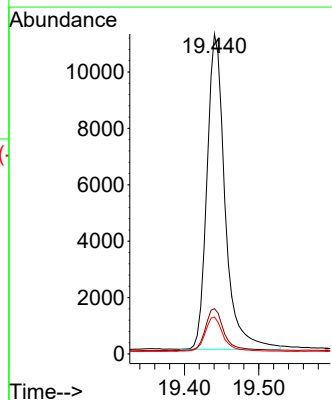
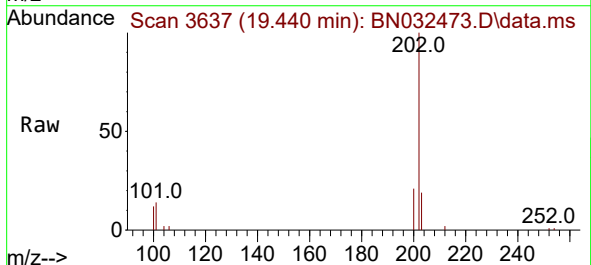
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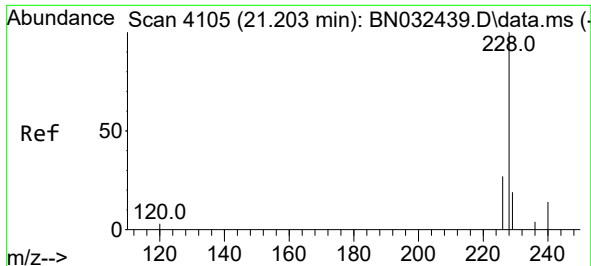
Tgt Ion:202 Resp: 17492
Ion Ratio Lower Upper
202 100
101 11.9 8.8 13.2
100 8.9 6.4 9.6



#20
Pyrene
Concen: 0.326 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

Tgt Ion:202 Resp: 18825
Ion Ratio Lower Upper
202 100
101 14.2 11.0 16.4
100 11.6 8.7 13.1

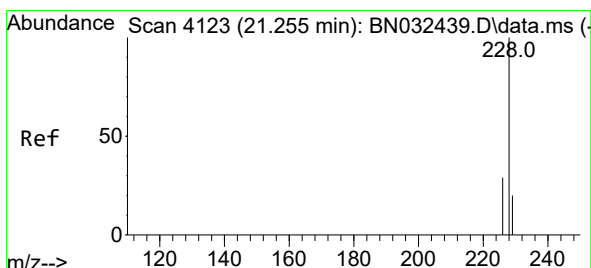
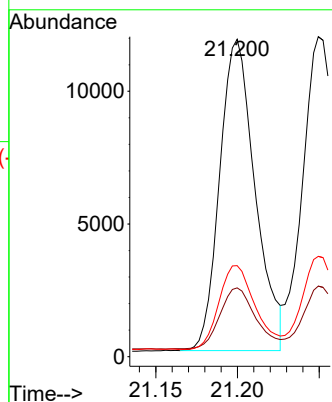
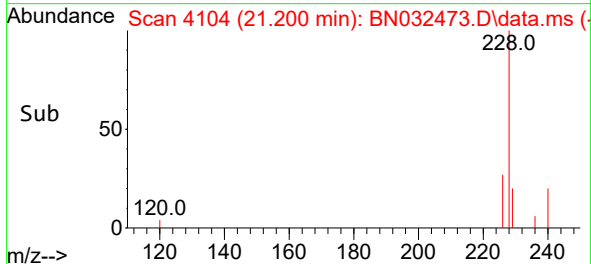
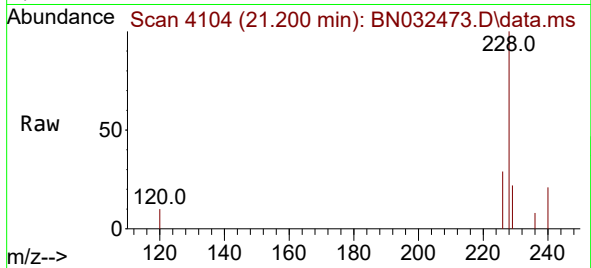




#21
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.200 min Scan# 4104
Delta R.T. 0.009 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

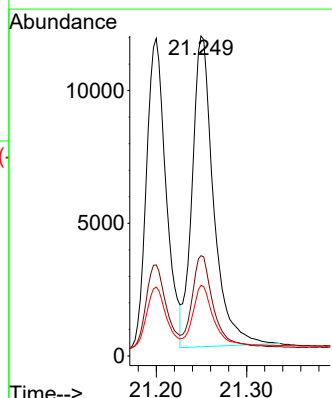
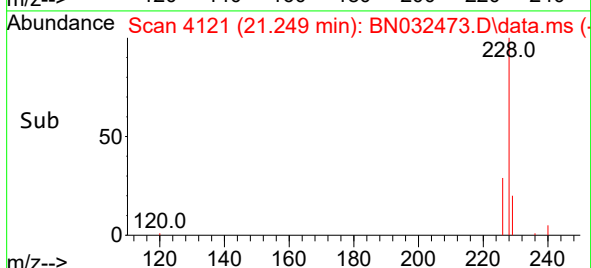
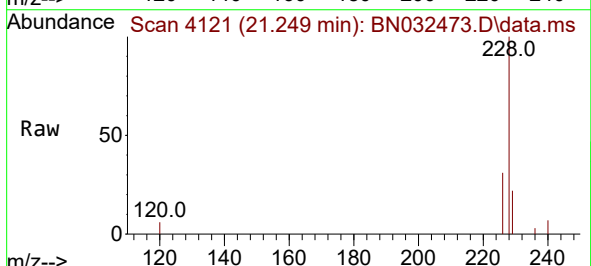
Instrument :
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ClientSampleId :
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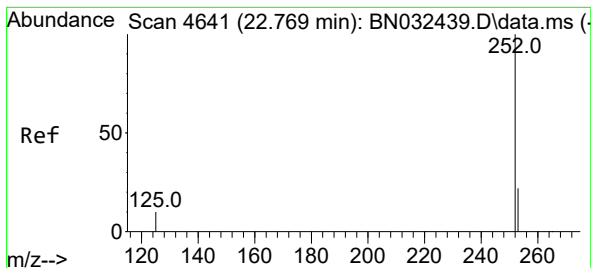
Tgt Ion:228 Resp: 17704
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 28.7 21.8 32.8



#22
Chrysene
Concen: 0.334 ng/ul
RT: 21.249 min Scan# 4121
Delta R.T. 0.006 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

Tgt Ion:228 Resp: 19255
Ion Ratio Lower Upper
228 100
226 31.4 23.6 35.4
229 22.1 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.258 ng/ul

RT: 22.763 min Scan# 4639

Delta R.T. 0.006 min

Lab File: BN032473.D

Acq: 04 Jul 2024 13:57

Instrument :

BNA_N

ClientSampleId :

SLCS629

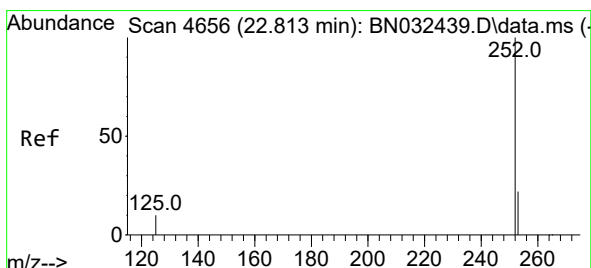
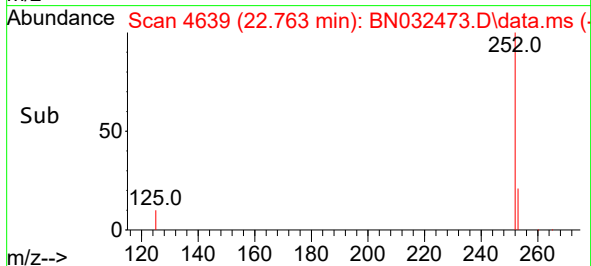
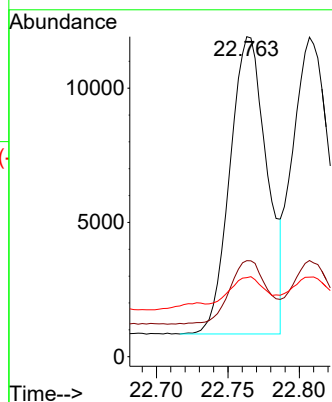
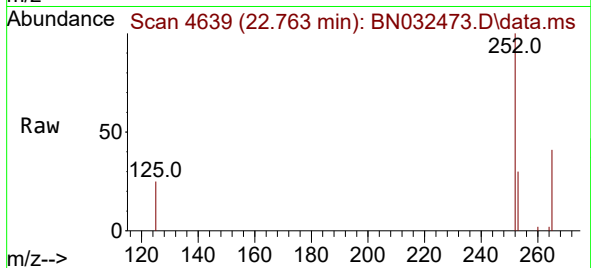
Tgt Ion:252 Resp: 19955

Ion Ratio Lower Upper

252 100

253 30.0 0.0 50.2

125 24.7 0.0 32.0



#25

Benzo(k)fluoranthene

Concen: 0.279 ng/ul

RT: 22.807 min Scan# 4654

Delta R.T. 0.006 min

Lab File: BN032473.D

Acq: 04 Jul 2024 13:57

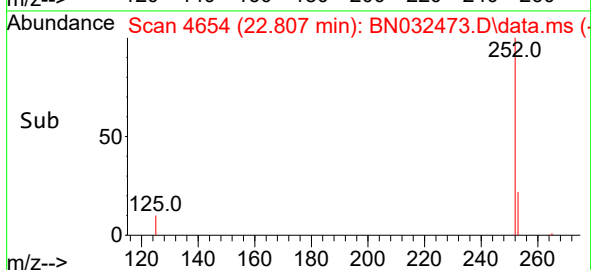
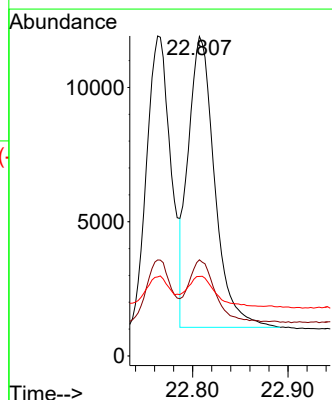
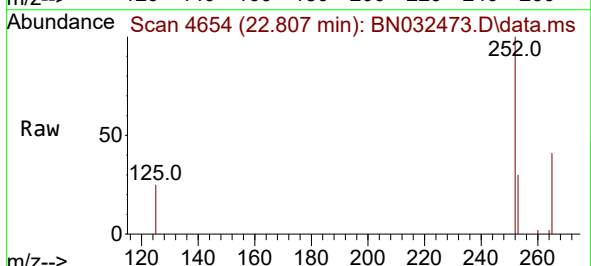
Tgt Ion:252 Resp: 20915

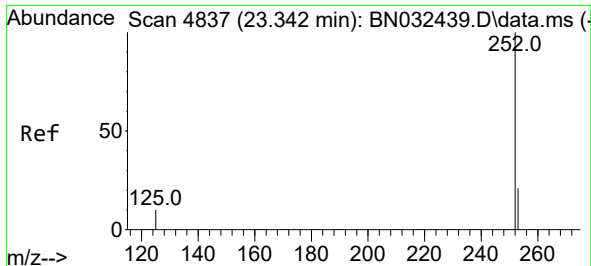
Ion Ratio Lower Upper

252 100

253 30.1 20.3 30.5

125 24.9 12.8 19.2#

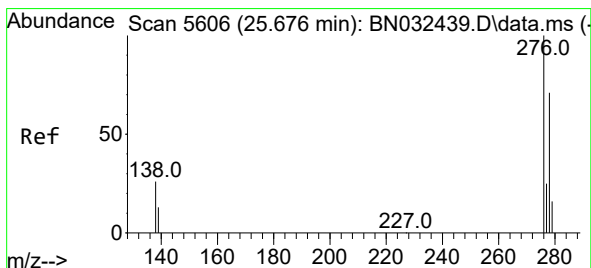
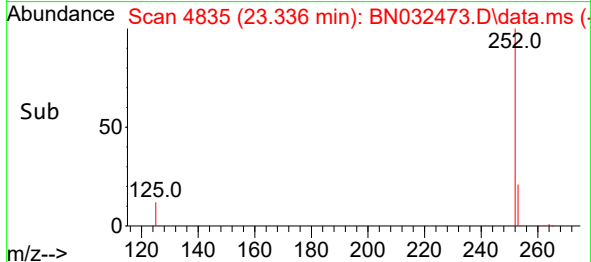
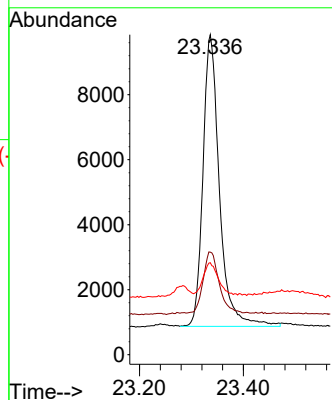
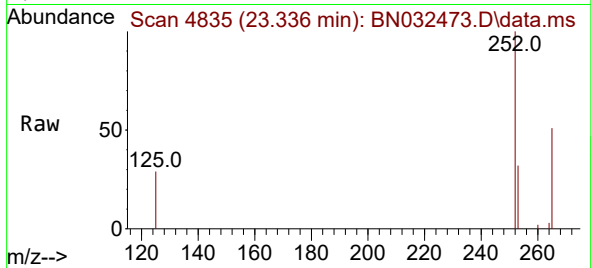




#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.336 min Scan# 4835
Delta R.T. 0.009 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

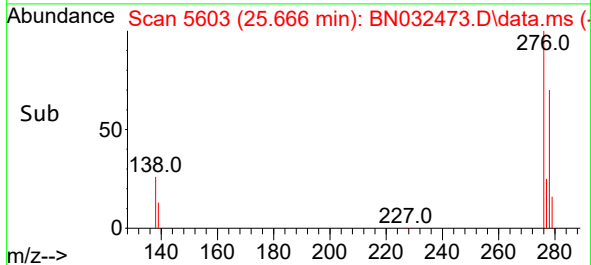
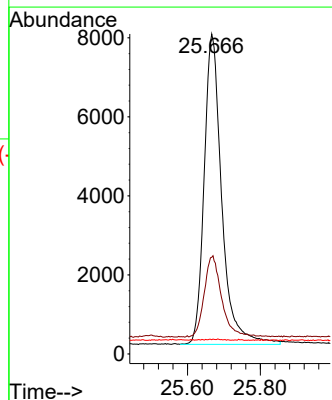
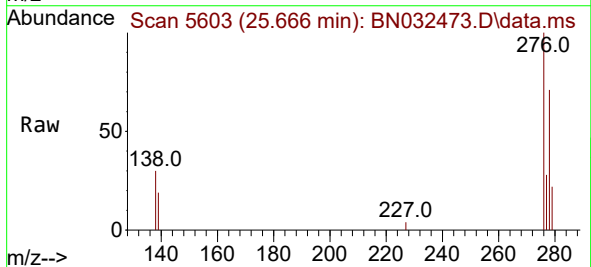
Instrument :
BNA_N
ClientSampleId :
SLCS629

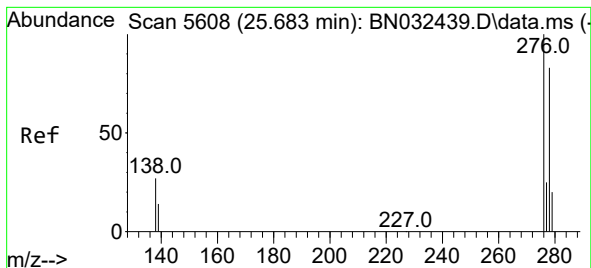
Tgt Ion:252 Resp: 19725
Ion Ratio Lower Upper
252 100
253 32.1 22.2 33.2
125 28.7 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.312 ng/ul
RT: 25.666 min Scan# 5603
Delta R.T. 0.007 min
Lab File: BN032473.D
Acq: 04 Jul 2024 13:57

Tgt Ion:276 Resp: 26256
Ion Ratio Lower Upper
276 100
138 25.8 21.3 31.9
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.324 ng/ul

RT: 25.673 min Scan# 50

Delta R.T. 0.007 min

Lab File: BN032473.D

Acq: 04 Jul 2024 13:57

Instrument :

BNA_N

ClientSampleId :

SLCS629

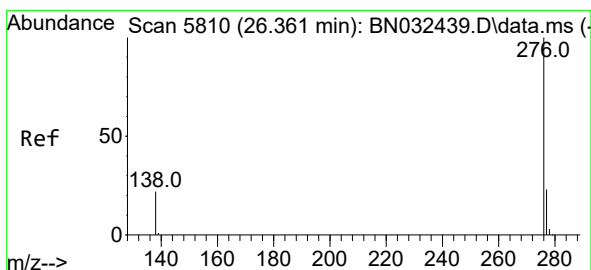
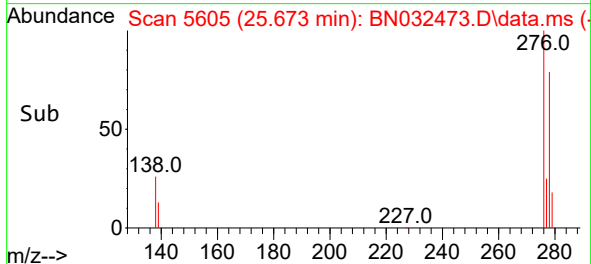
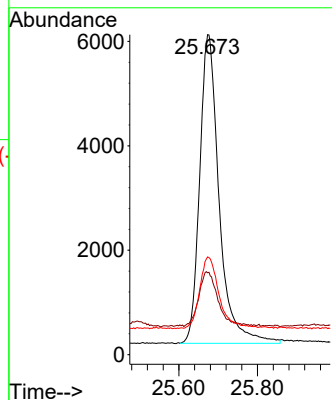
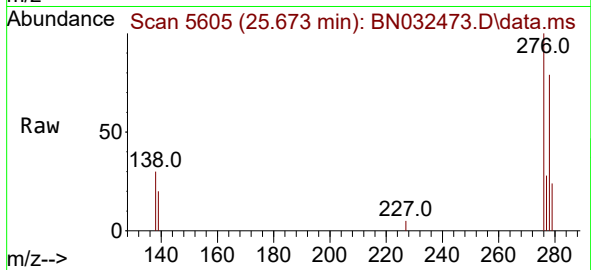
Tgt Ion:278 Resp: 20257

Ion Ratio Lower Upper

278 100

139 25.6 15.9 23.9#

279 30.5 21.1 31.7



#29

Benzo(g,h,i)perylene

Concen: 0.305 ng/ul

RT: 26.357 min Scan# 5809

Delta R.T. 0.013 min

Lab File: BN032473.D

Acq: 04 Jul 2024 13:57

Tgt Ion:276 Resp: 20449

Ion Ratio Lower Upper

276 100

138 28.7 19.8 29.6

277 27.7 19.8 29.6

