

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040369.D
 Acq On : 23 Jun 2023 03:40
 Operator : MA/JU
 Sample : PB153416BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS416

Quant Time: Jun 23 04:48:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

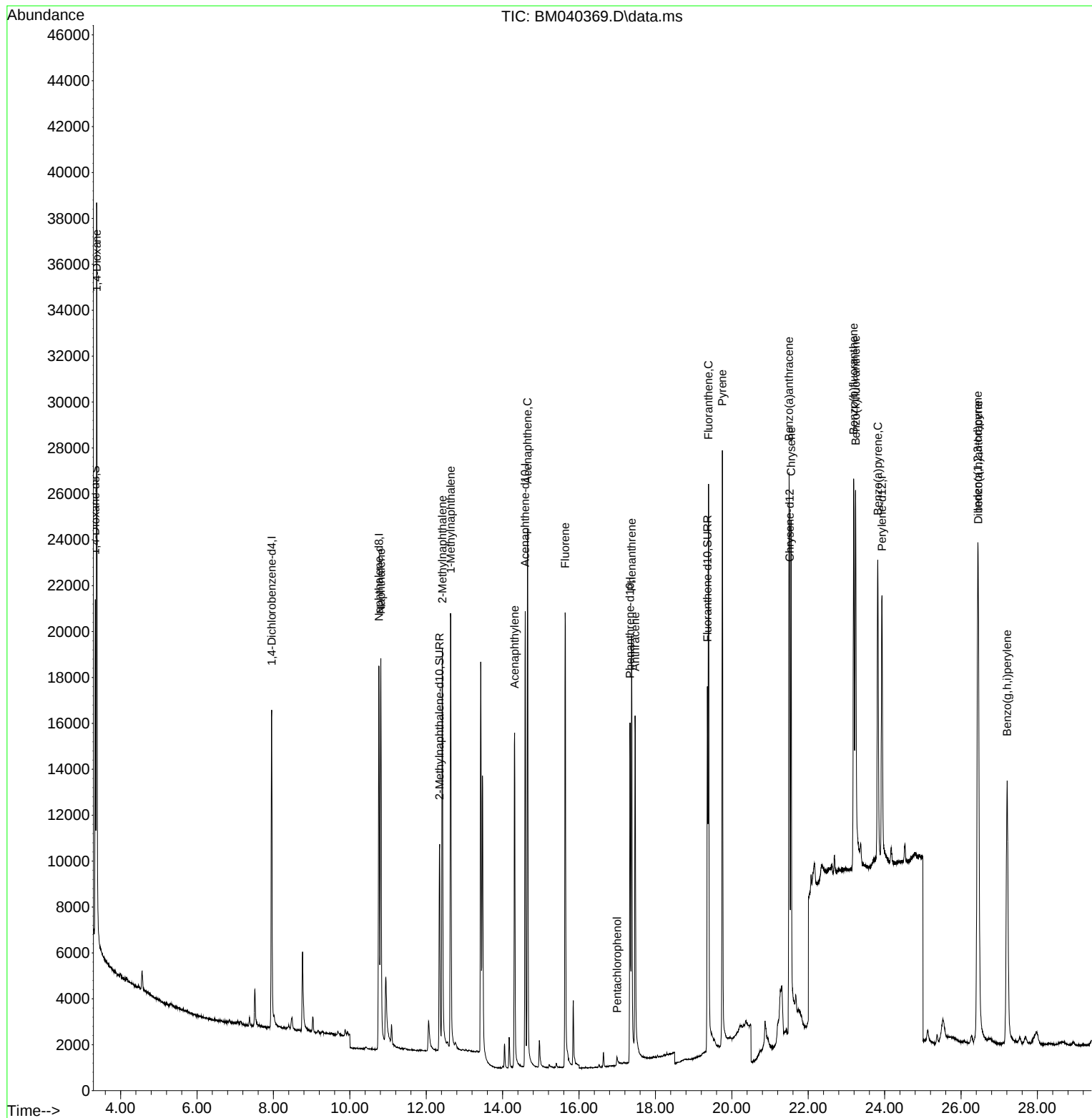
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	7882	0.400	ng/ul	0.00
4) Naphthalene-d8	10.761	136	25729	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	11192	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	19178	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	14803	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	17431	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	8698	0.703	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	13918	0.386	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	18229	0.384	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	20682	1.641	ng/ul	93
5) Naphthalene	10.811	128	24760	0.349	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	14405	0.346	ng/ul	98
8) 1-Methylnaphthalene	12.642	142	14345	0.344	ng/ul	100
10) Acenaphthylene	14.313	152	18687	0.374	ng/ul	100
11) Acenaphthene	14.651	153	14434	0.342	ng/ul	98
12) Fluorene	15.636	166	14656	0.325	ng/ul	99
14) Pentachlorophenol	16.994	266	659	0.178	ng/ul#	89
15) Phenanthrene	17.379	178	20364	0.342	ng/ul	99
16) Anthracene	17.467	178	18480	0.369	ng/ul	98
19) Fluoranthene	19.389	202	21762	0.346	ng/ul	98
20) Pyrene	19.751	202	23367	0.347	ng/ul	99
21) Benzo(a)anthracene	21.497	228	20125	0.402	ng/ul	99
22) Chrysene	21.550	228	20945	0.367	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	22807	0.338	ng/ul	91
25) Benzo(k)fluoranthene	23.239	252	23054	0.347	ng/ul#	90
26) Benzo(a)pyrene	23.821	252	21403	0.352	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.437	276	30602	0.362	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.450	278	24441	0.369	ng/ul	95
29) Benzo(g,h,i)perylene	27.208	276	25854	0.349	ng/ul	100

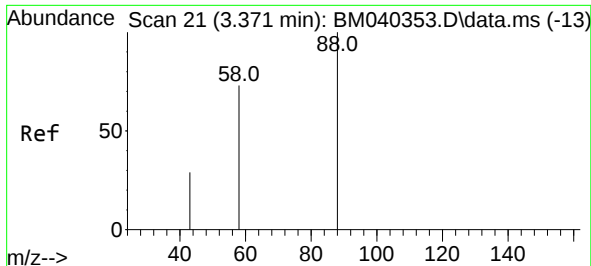
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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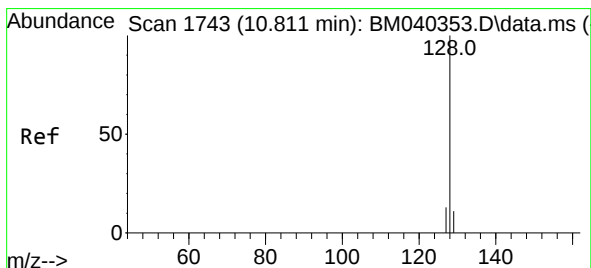
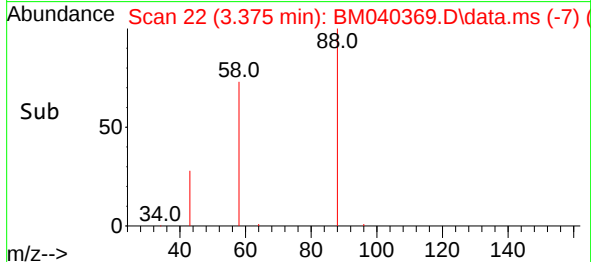
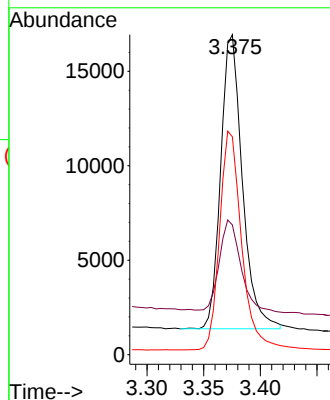
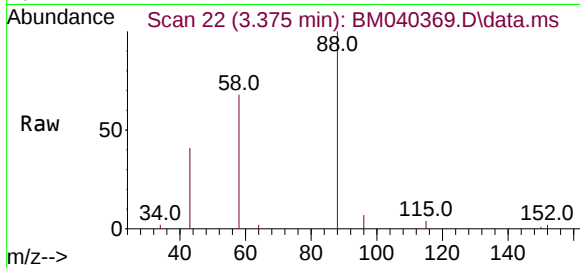




#2
1,4-Dioxane
Concen: 1.641 ng/ul
RT: 3.375 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

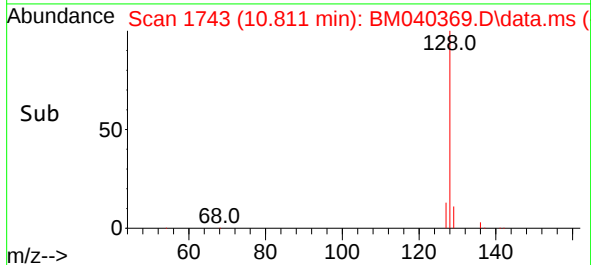
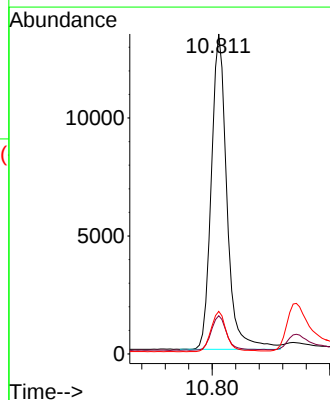
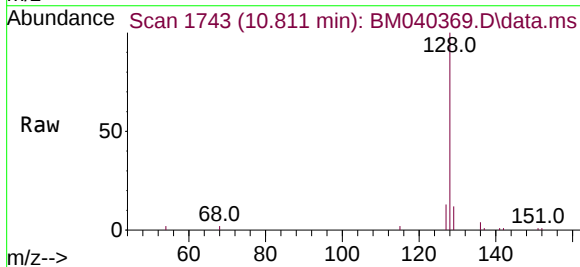
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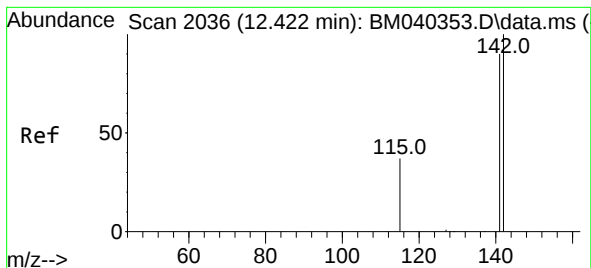
Tgt Ion: 88 Resp: 20682
Ion Ratio Lower Upper
88 100
43 40.6 36.1 54.1
58 68.1 49.8 74.8



#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

Tgt Ion: 128 Resp: 24760
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.3 10.6 15.8

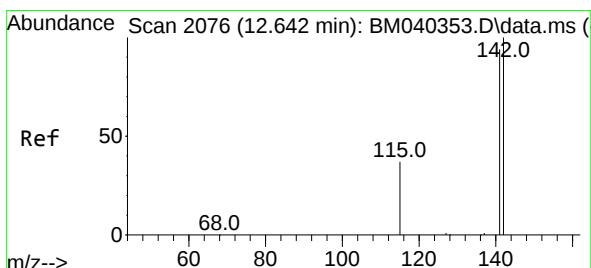
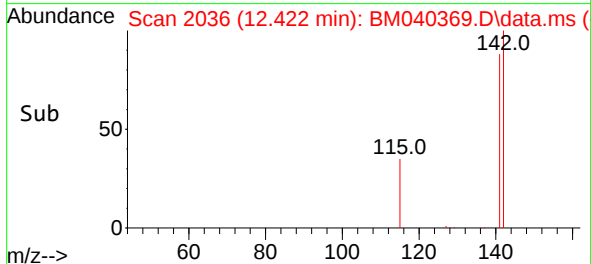
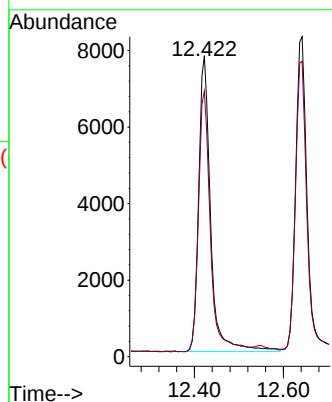
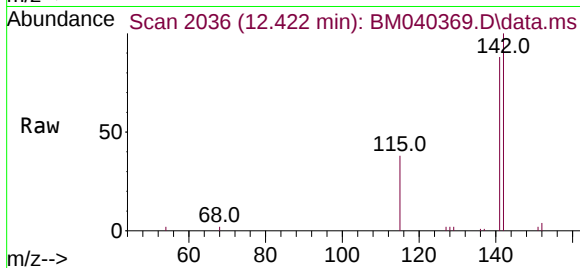




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

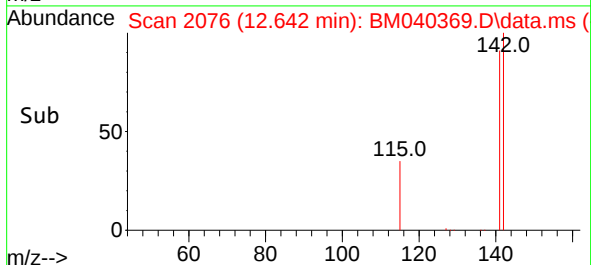
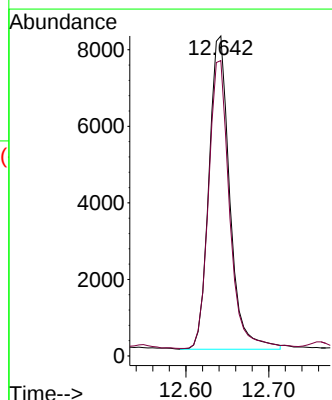
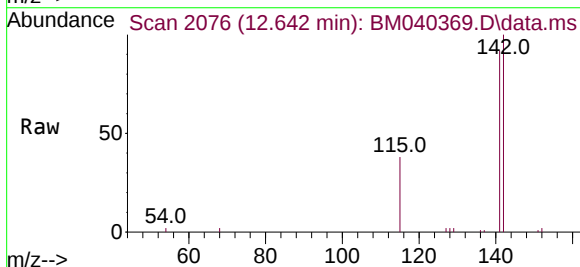
Instrument :
BNA_M
ClientSampleId :
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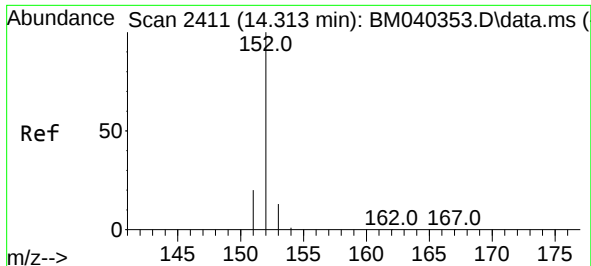
Tgt Ion:142 Resp: 14405
Ion Ratio Lower Upper
142 100
141 87.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.642 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

Tgt Ion:142 Resp: 14345
Ion Ratio Lower Upper
142 100
141 92.0 73.7 110.5

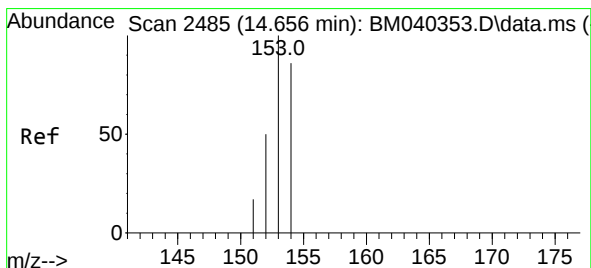
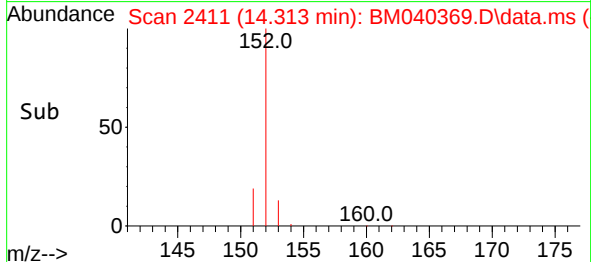
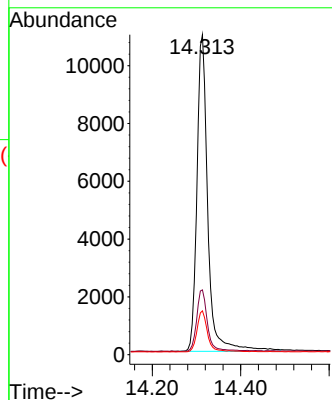
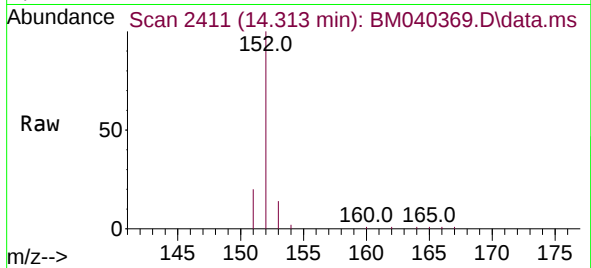




#10
Acenaphthylene
Concen: 0.374 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

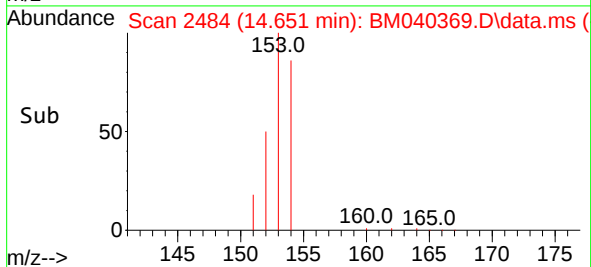
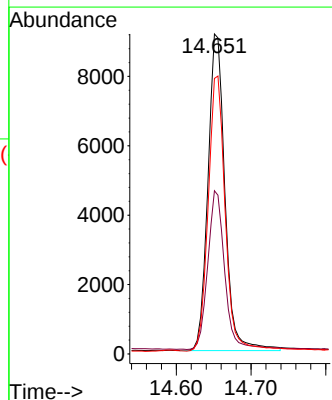
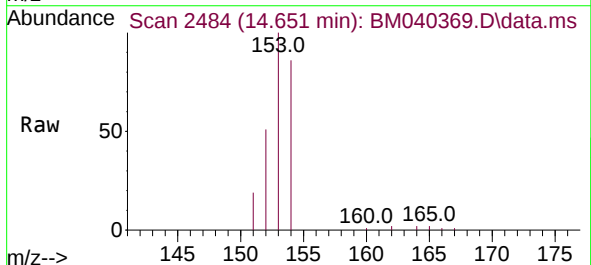
Instrument :
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ClientSampleId :
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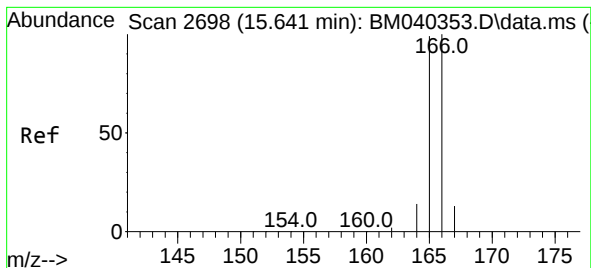
Tgt Ion:152 Resp: 18687
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.342 ng/ul
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

Tgt Ion:153 Resp: 14434
Ion Ratio Lower Upper
153 100
152 51.0 41.0 61.4
154 86.1 70.8 106.2





#12

Fluorene

Concen: 0.325 ng/ul

RT: 15.636 min Scan# 2

Delta R.T. -0.005 min

Lab File: BM040369.D

Acq: 23 Jun 2023 03:40

Instrument :

BNA_M

ClientSampleId :

SLCS416

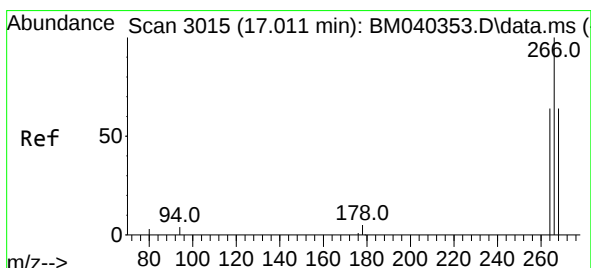
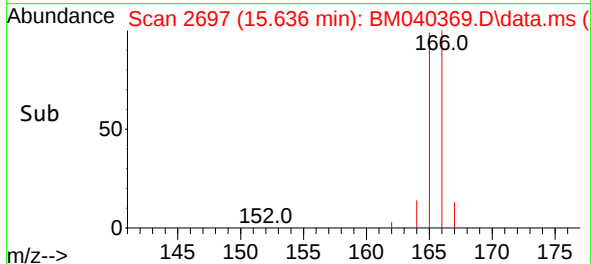
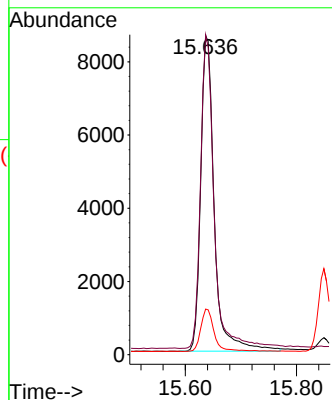
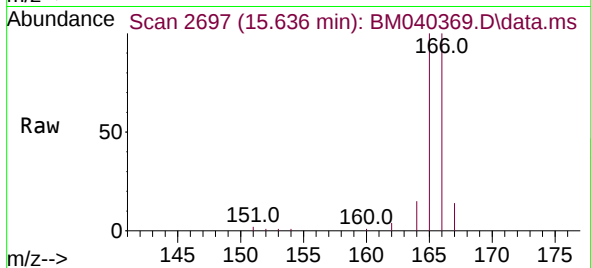
Tgt Ion:166 Resp: 14656

Ion Ratio Lower Upper

166 100

165 100.3 79.6 119.4

167 14.3 11.4 17.0



#14

Pentachlorophenol

Concen: 0.178 ng/ul

RT: 16.994 min Scan# 3011

Delta R.T. -0.017 min

Lab File: BM040369.D

Acq: 23 Jun 2023 03:40

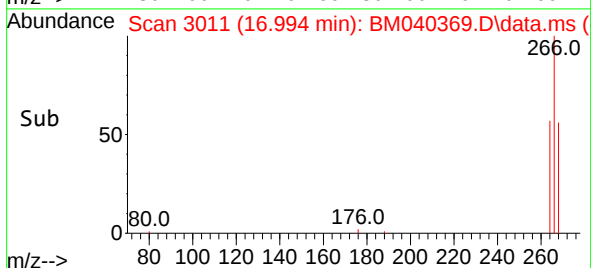
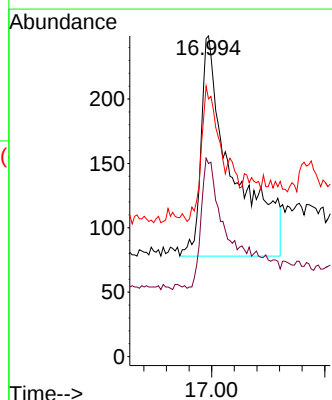
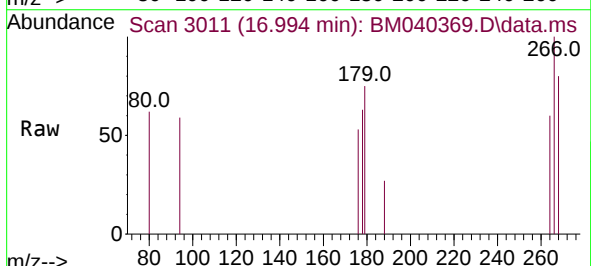
Tgt Ion:266 Resp: 659

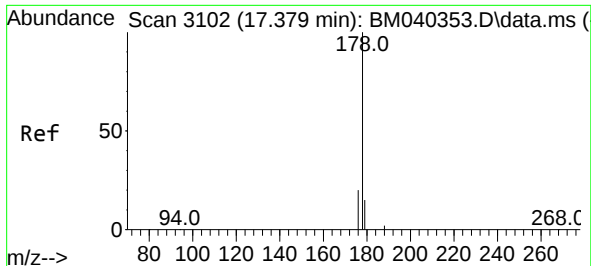
Ion Ratio Lower Upper

266 100

264 57.5 45.4 68.0

268 43.9 47.2 70.8#

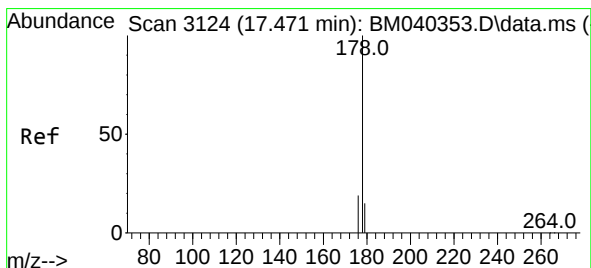
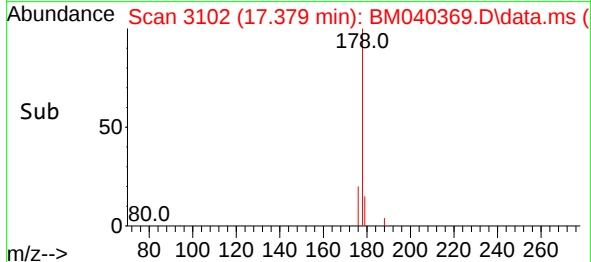
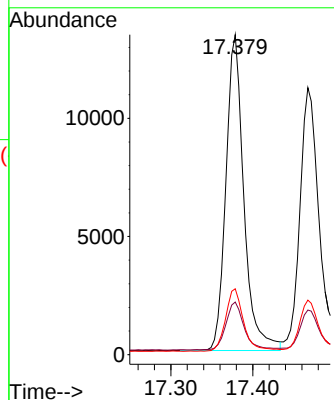
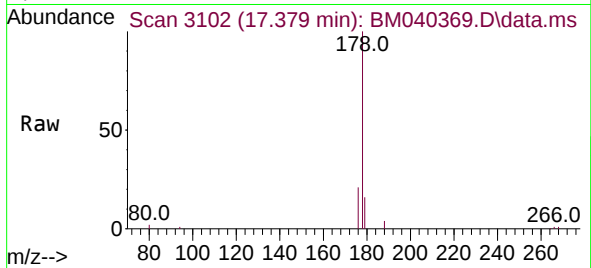




#15
Phenanthrene
Concen: 0.342 ng/ul
RT: 17.379 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

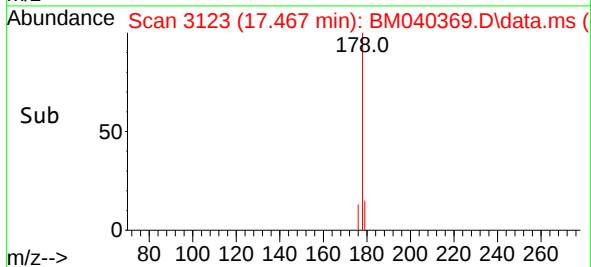
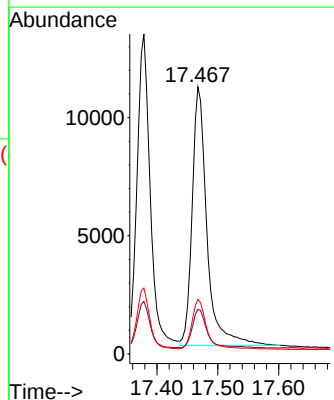
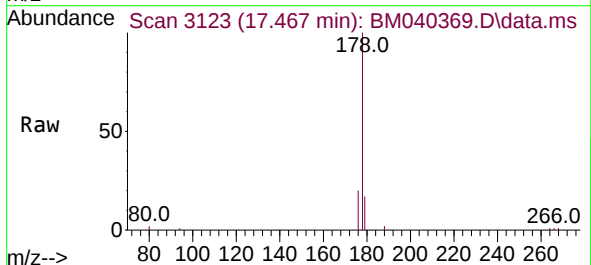
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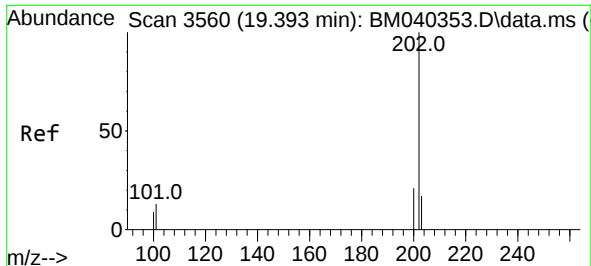
Tgt Ion:178 Resp: 20364
Ion Ratio Lower Upper
178 100
179 16.4 12.8 19.2
176 20.6 16.4 24.6



#16
Anthracene
Concen: 0.369 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

Tgt Ion:178 Resp: 18480
Ion Ratio Lower Upper
178 100
179 16.7 12.9 19.3
176 20.5 15.8 23.6

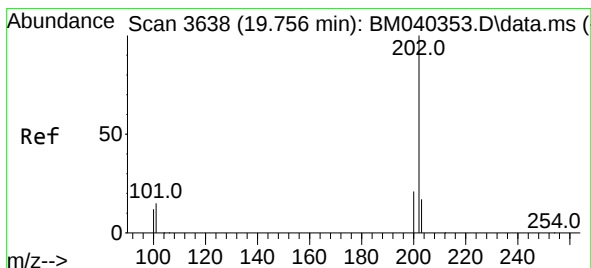
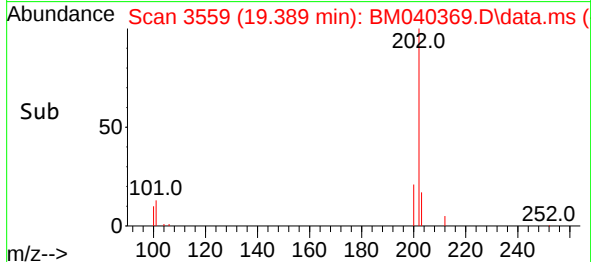
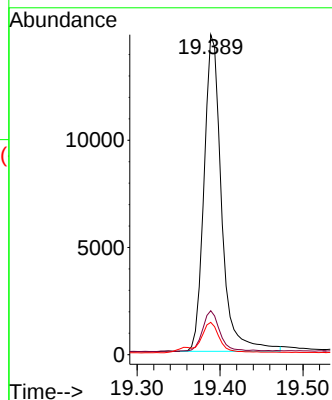
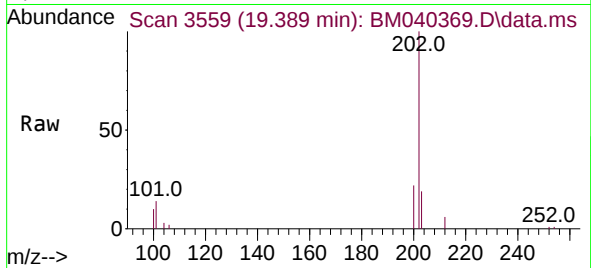




#19
Fluoranthene
Concen: 0.346 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

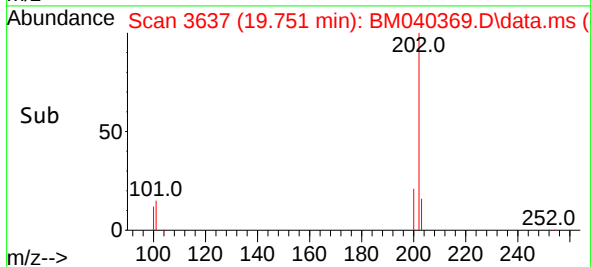
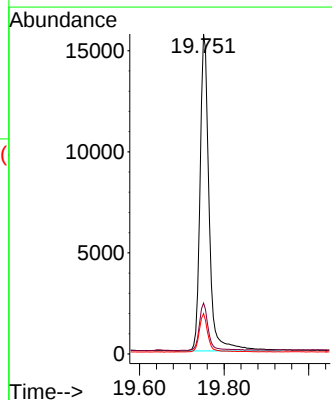
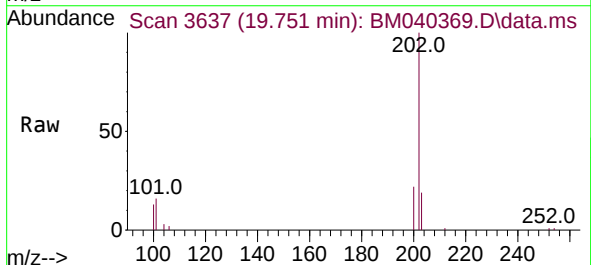
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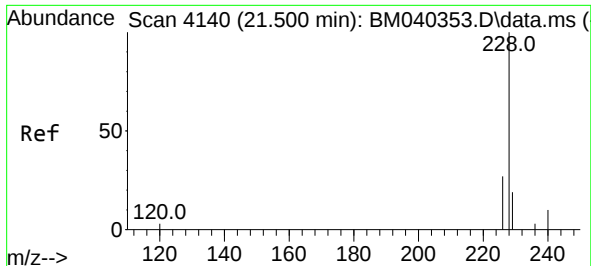
Tgt Ion:202 Resp: 21762
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 10.1 8.7 13.1



#20
Pyrene
Concen: 0.347 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

Tgt Ion:202 Resp: 23367
Ion Ratio Lower Upper
202 100
101 15.9 12.6 18.8
100 12.6 9.8 14.6

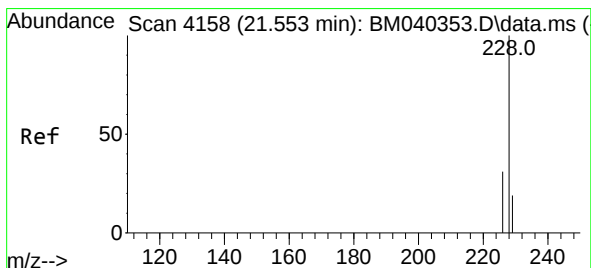
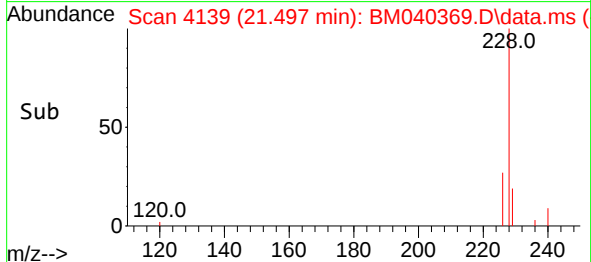
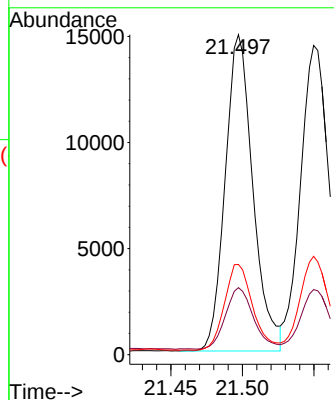
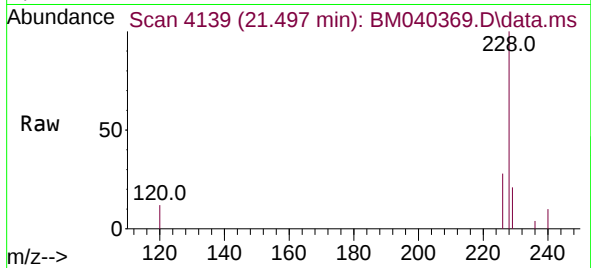




#21
Benzo(a)anthracene
Concen: 0.402 ng/ul
RT: 21.497 min Scan# 41139
Delta R.T. -0.003 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

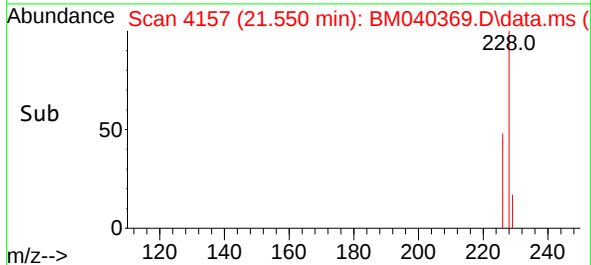
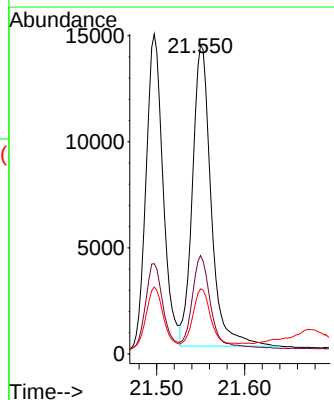
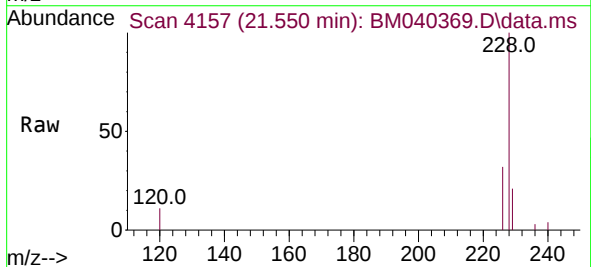
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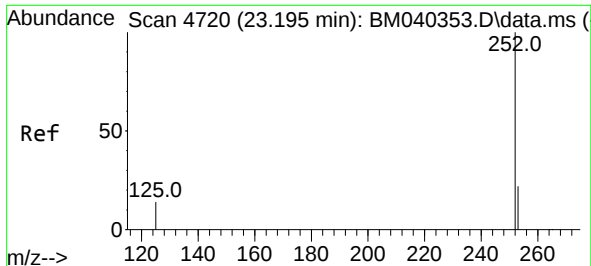
Tgt Ion:228 Resp: 20125
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.2 22.3 33.5



#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

Tgt Ion:228 Resp: 20945
Ion Ratio Lower Upper
228 100
226 31.8 24.9 37.3
229 21.1 15.8 23.6

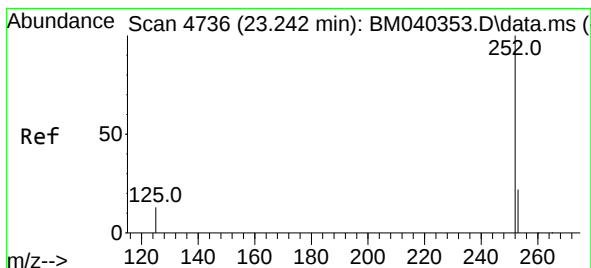
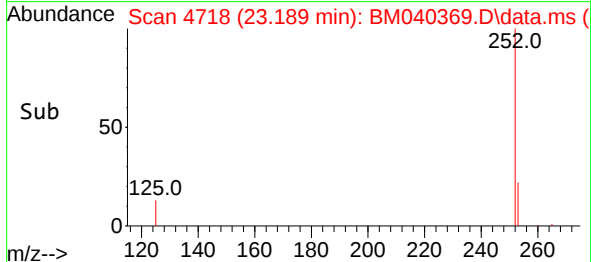
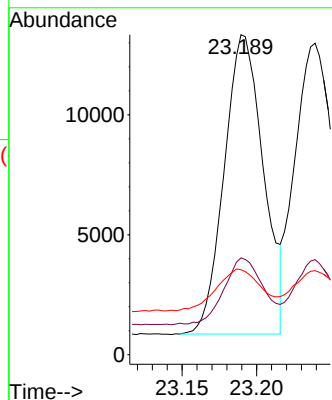
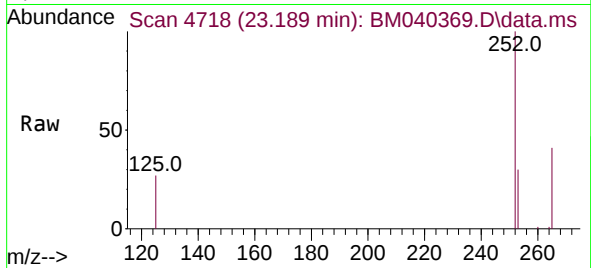




#24
Benzo(b)fluoranthene
Concen: 0.338 ng/ul
RT: 23.189 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

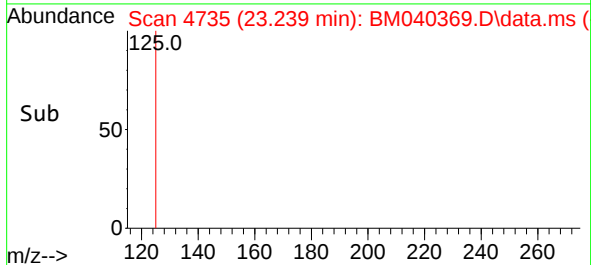
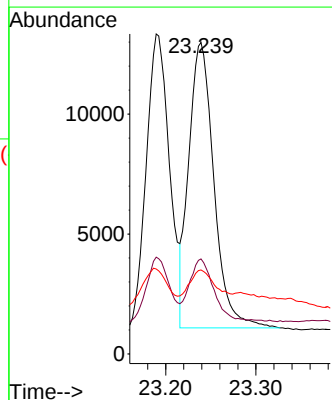
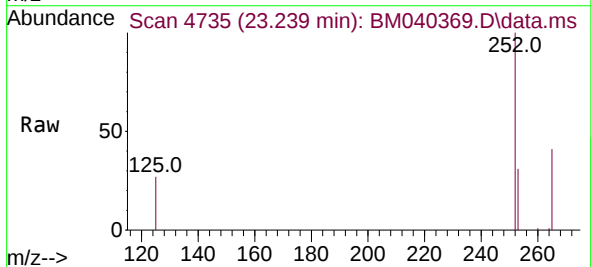
Instrument :
BNA_M
ClientSampleId :
SLCS416

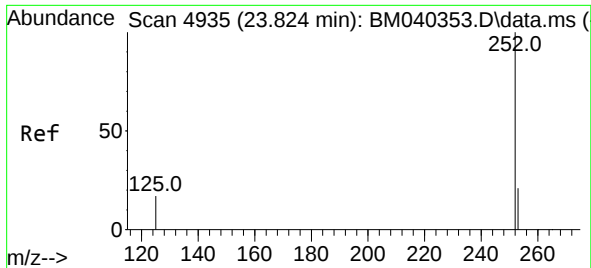
Tgt Ion:252 Resp: 22807
Ion Ratio Lower Upper
252 100
253 30.3 0.0 52.8
125 26.5 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 23.239 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

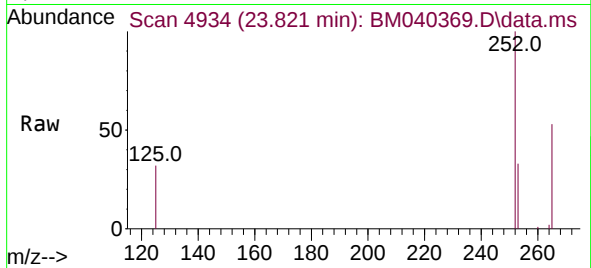
Tgt Ion:252 Resp: 23054
Ion Ratio Lower Upper
252 100
253 30.5 21.2 31.8
125 27.0 16.4 24.6#



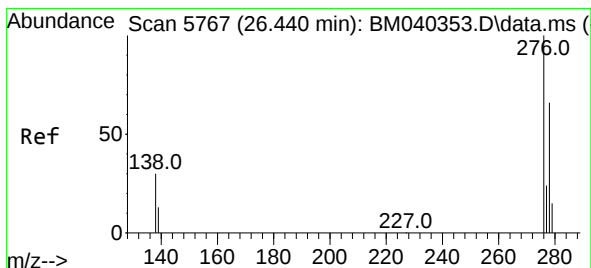
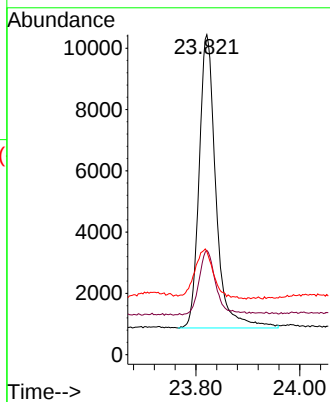
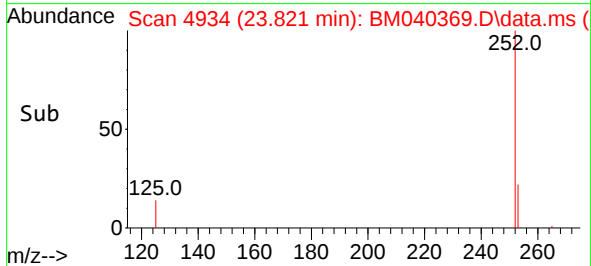


#26
Benzo(a)pyrene
Concen: 0.352 ng/ul
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

Instrument :
BNA_M
ClientSampleId :
SLCS416

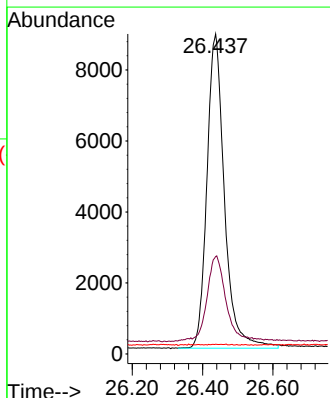
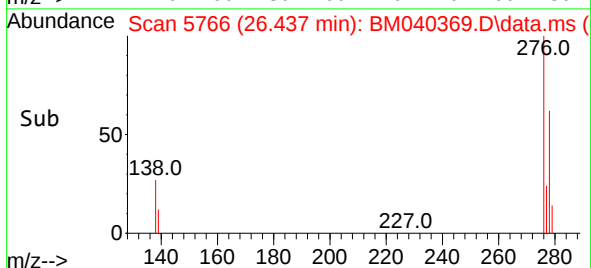
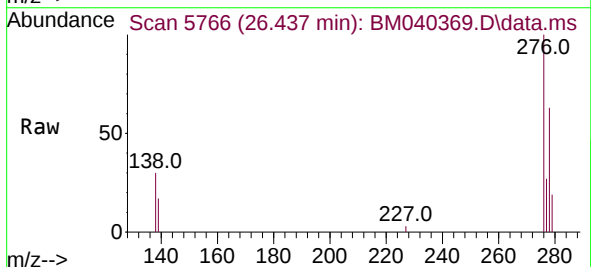


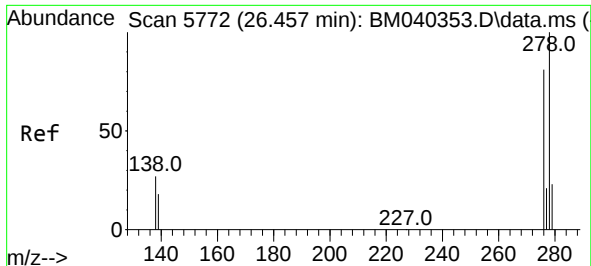
Tgt Ion:252 Resp: 21403
Ion Ratio Lower Upper
252 100
253 32.6 22.9 34.3
125 32.2 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. 0.003 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

Tgt Ion:276 Resp: 30602
Ion Ratio Lower Upper
276 100
138 28.3 24.5 36.7
227 0.1 0.1 0.1#

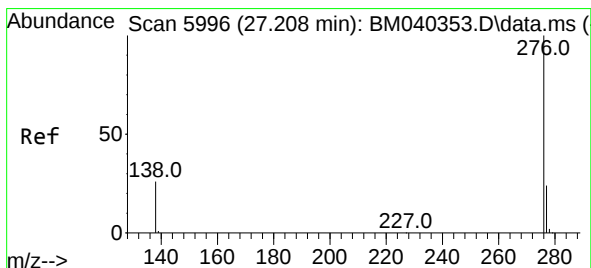
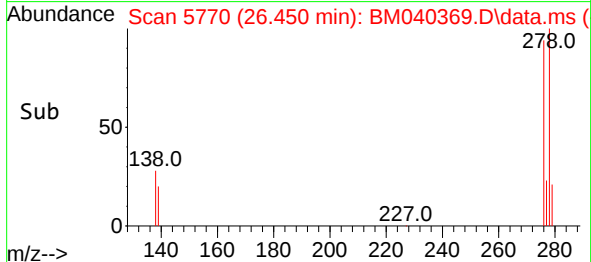
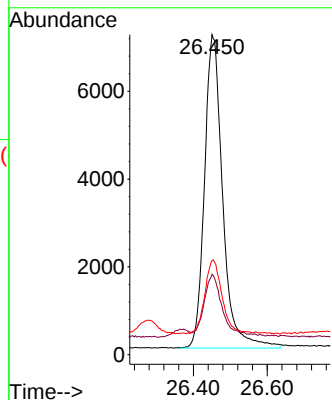
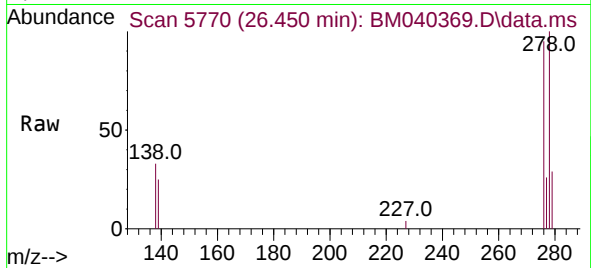




#28
Dibenzo(a,h)anthracene
Concen: 0.369 ng/ul
RT: 26.450 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

Instrument :
BNA_M
ClientSampleId :
SLCS416

Tgt Ion:278 Resp: 24441
Ion Ratio Lower Upper
278 100
139 25.1 17.9 26.9
279 29.5 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.349 ng/ul
RT: 27.208 min Scan# 5996
Delta R.T. 0.003 min
Lab File: BM040369.D
Acq: 23 Jun 2023 03:40

Tgt Ion:276 Resp: 25854
Ion Ratio Lower Upper
276 100
138 29.0 23.0 34.6
277 25.6 20.3 30.5

