

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038272.D
 Acq On : 24 Dec 2022 15:32
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:56:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

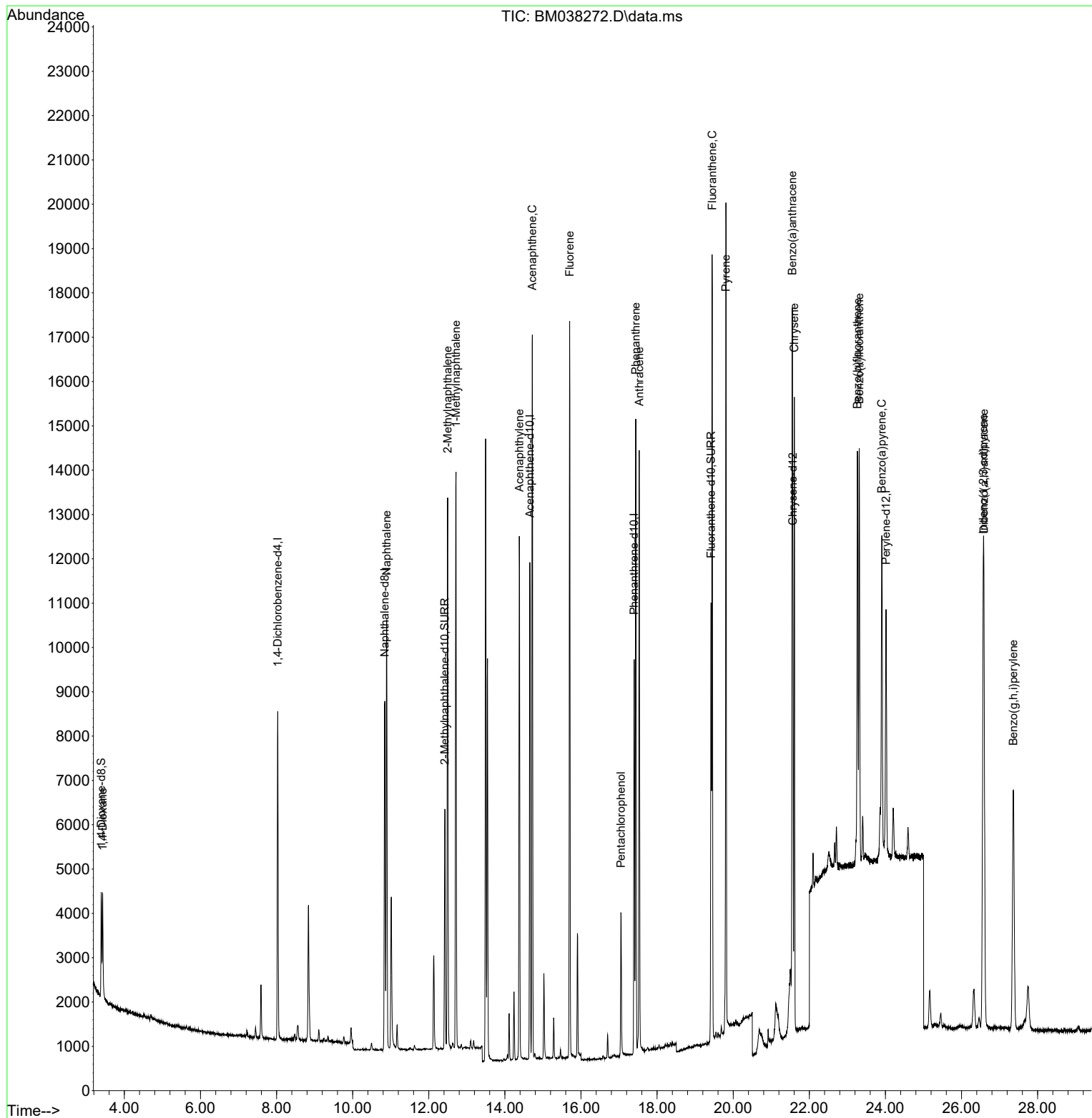
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	3753	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	10825	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	5878	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	10794	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	7397	0.400	ng/ul	0.00
23) Perylene-d12	24.015	264	7350	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	1536	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	6695	0.420	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	10604	0.382	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	1571	0.419	ng/ul	87
5) Naphthalene	10.895	128	12979	0.409	ng/ul	100
7) 2-Methylnaphthalene	12.495	142	8363	0.424	ng/ul	99
8) 1-Methylnaphthalene	12.715	142	8501	0.421	ng/ul	100
10) Acenaphthylene	14.379	152	13178	0.406	ng/ul	99
11) Acenaphthene	14.722	153	9400	0.406	ng/ul	99
12) Fluorene	15.702	166	10204	0.406	ng/ul	100
14) Pentachlorophenol	17.050	266	2228	0.414	ng/ul	100
15) Phenanthrene	17.438	178	14551	0.403	ng/ul	99
16) Anthracene	17.531	178	14285	0.412	ng/ul	99
19) Fluoranthene	19.445	202	15295	0.377	ng/ul	99
20) Pyrene	19.808	202	15686	0.383	ng/ul	99
21) Benzo(a)anthracene	21.551	228	12756	0.393	ng/ul	96
22) Chrysene	21.606	228	12166	0.385	ng/ul	98
24) Benzo(b)fluoranthene	23.266	252	12499	0.384	ng/ul	96
25) Benzo(k)fluoranthene	23.313	252	12132	0.388	ng/ul	95
26) Benzo(a)pyrene	23.904	252	11134	0.392	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.569	276	14576	0.370	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.589	278	11332	0.370	ng/ul	95
29) Benzo(g,h,i)perylene	27.360	276	12108	0.365	ng/ul	99

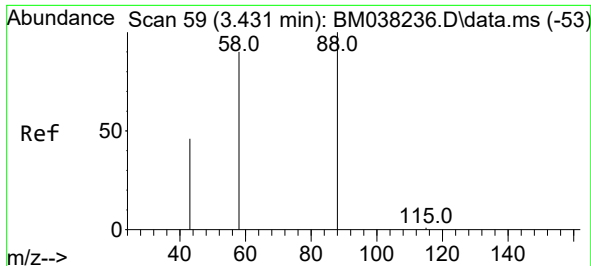
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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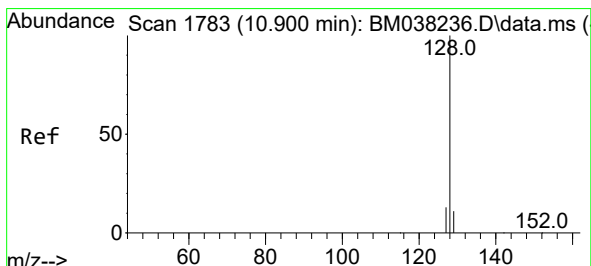
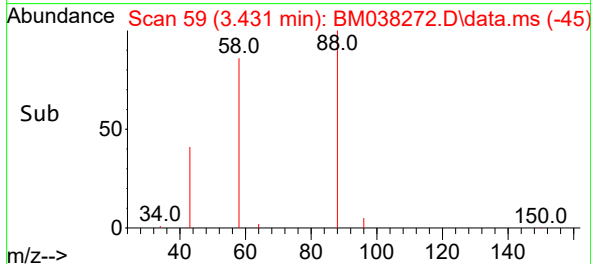
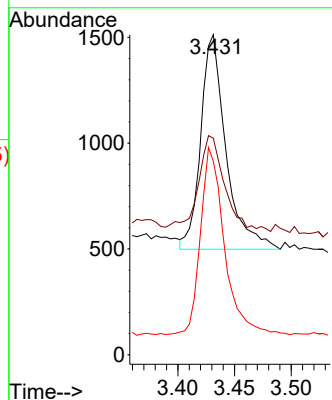
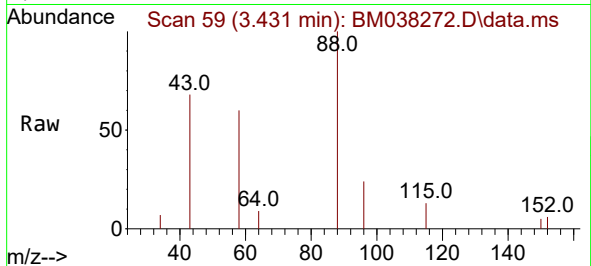




#2
 1,4-Dioxane
 Concen: 0.419 ng/ul
 RT: 3.431 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: BM038272.D
 Acq: 24 Dec 2022 15:32

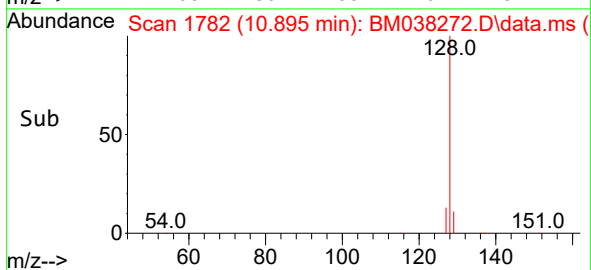
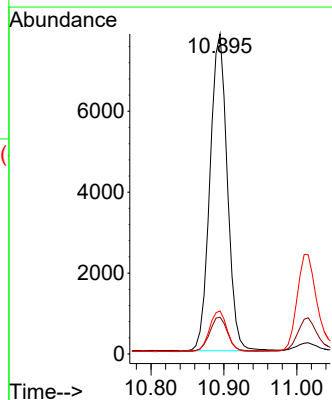
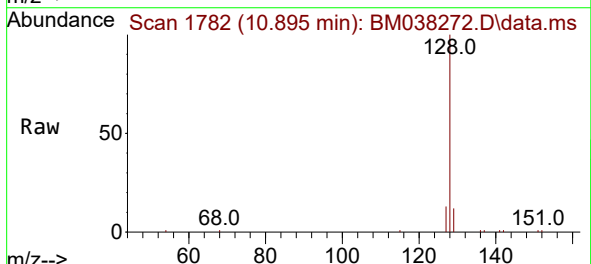
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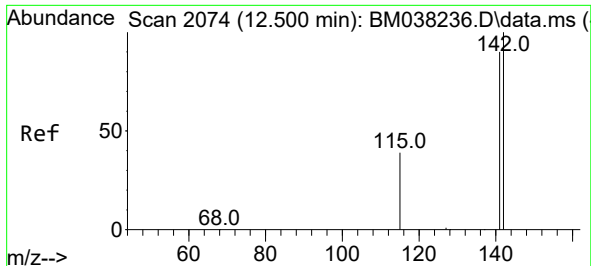
Tgt Ion: 88 Resp: 1571
 Ion Ratio Lower Upper
 88 100
 43 67.7 46.4 69.6
 58 60.5 56.9 85.3



#5
 Naphthalene
 Concen: 0.409 ng/ul
 RT: 10.895 min Scan# 1782
 Delta R.T. 0.000 min
 Lab File: BM038272.D
 Acq: 24 Dec 2022 15:32

Tgt Ion: 128 Resp: 12979
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.4 14.0
 127 13.4 10.7 16.1

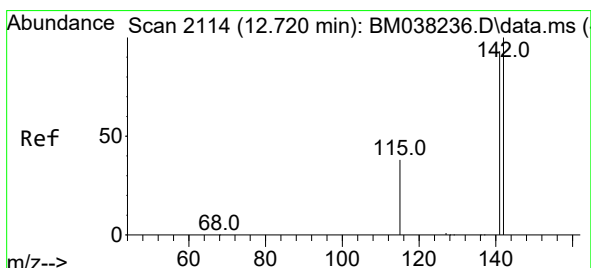
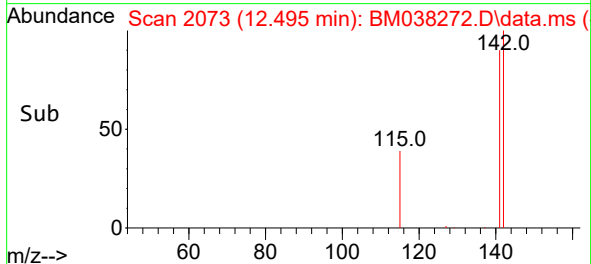
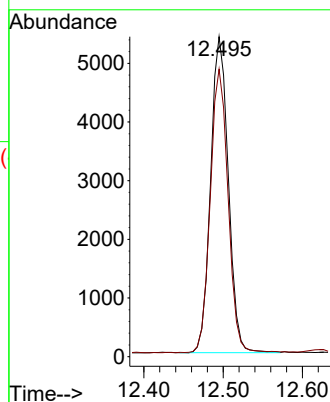
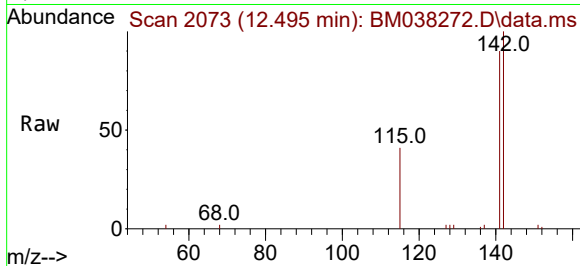




#7
2-Methylnaphthalene
Concen: 0.424 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32

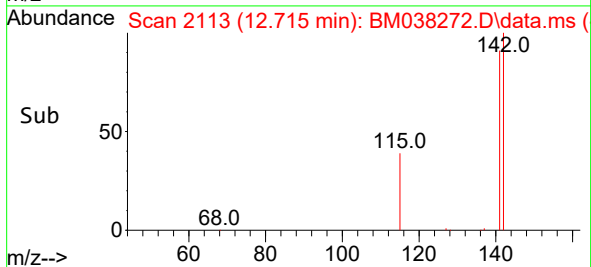
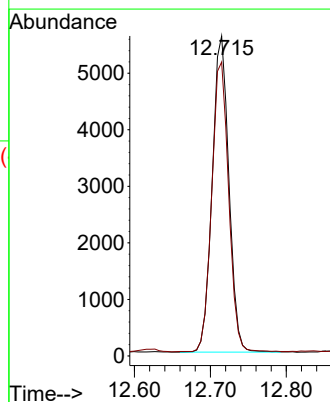
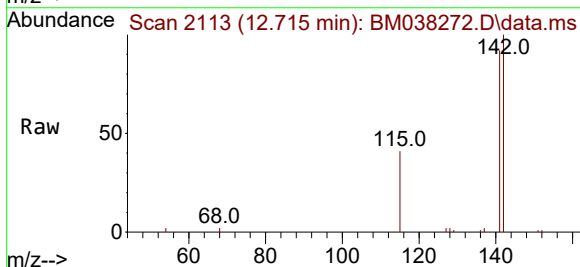
Instrument :
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ClientSampleId :

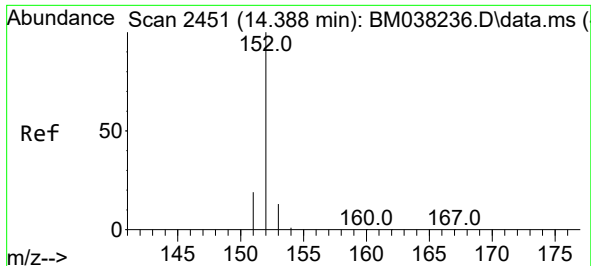
Tgt Ion:142 Resp: 8363
Ion Ratio Lower Upper
142 100
141 90.5 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.715 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32

Tgt Ion:142 Resp: 8501
Ion Ratio Lower Upper
142 100
141 93.2 74.7 112.1

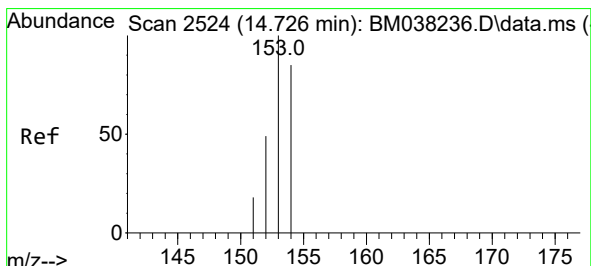
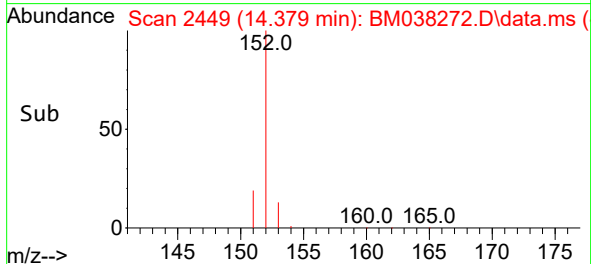
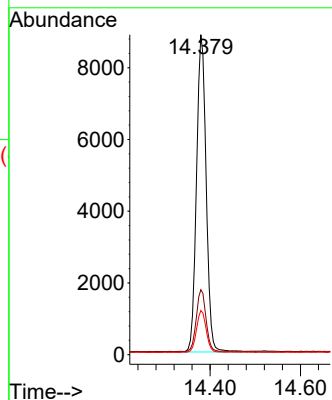
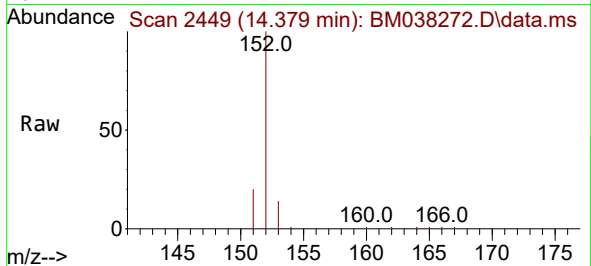




#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 14.379 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32

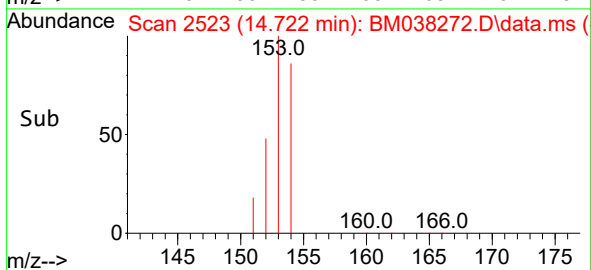
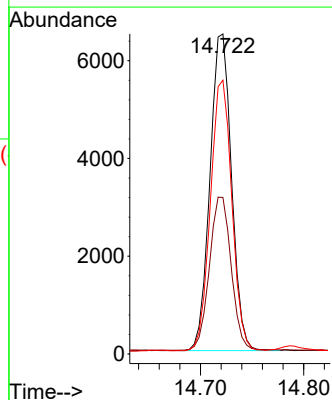
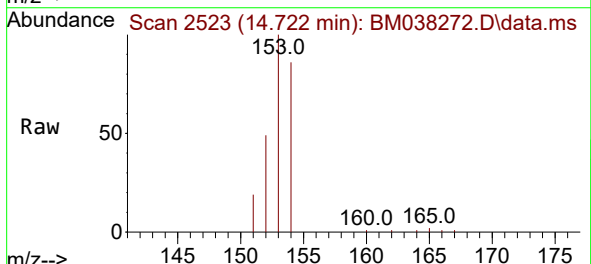
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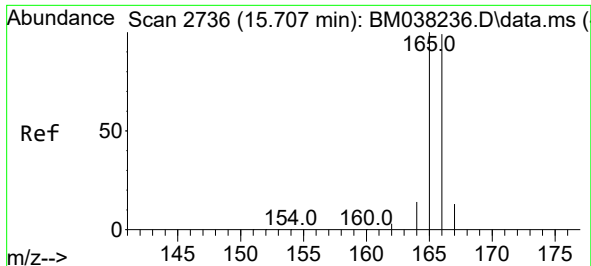
Tgt Ion:152 Resp: 13178
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.8 10.7 16.1



#11
Acenaphthene
Concen: 0.406 ng/ul
RT: 14.722 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32

Tgt Ion:153 Resp: 9400
Ion Ratio Lower Upper
153 100
152 48.9 39.4 59.0
154 85.6 69.0 103.4

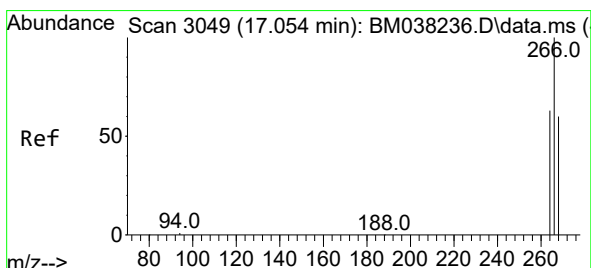
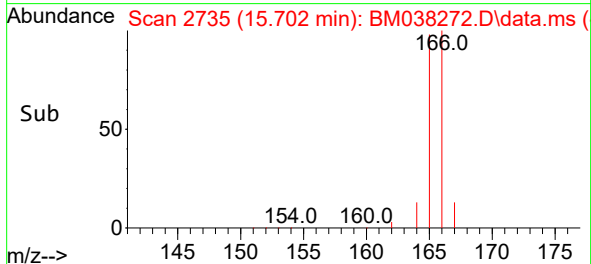
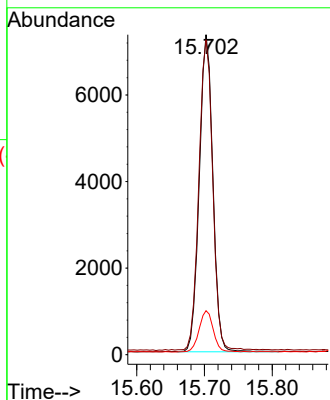
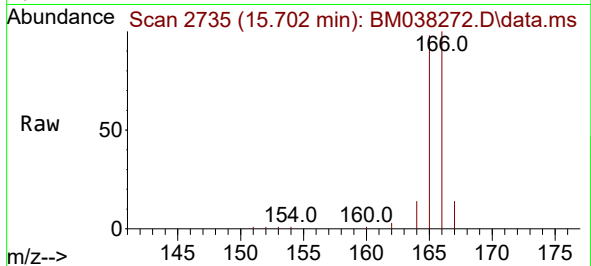




#12
Fluorene
Concen: 0.406 ng/ul
RT: 15.702 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32

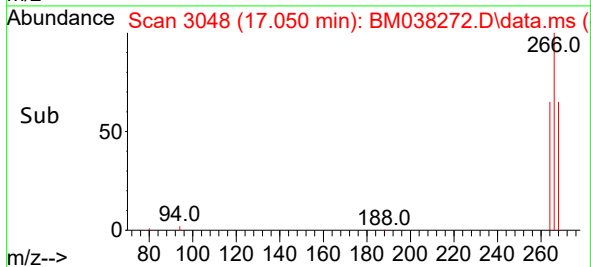
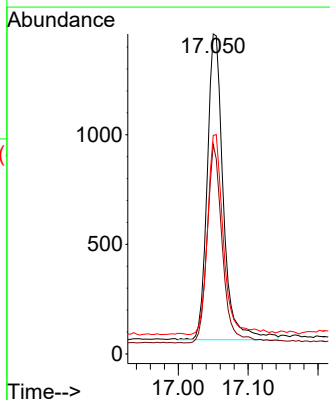
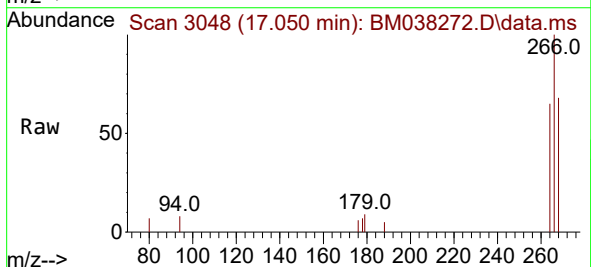
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ClientSampleId :

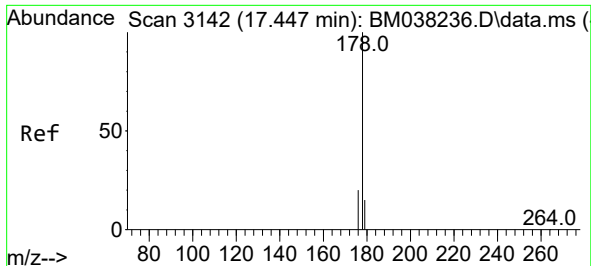
Tgt Ion:166 Resp: 10204
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.6
167 13.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.414 ng/ul
RT: 17.050 min Scan# 3048
Delta R.T. 0.000 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32

Tgt Ion:266 Resp: 2228
Ion Ratio Lower Upper
266 100
264 62.5 49.9 74.9
268 64.5 51.2 76.8

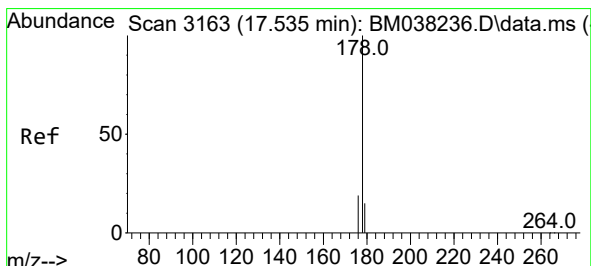
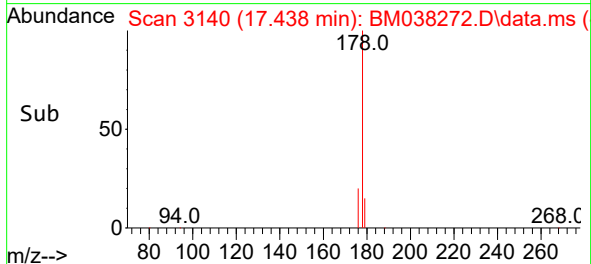
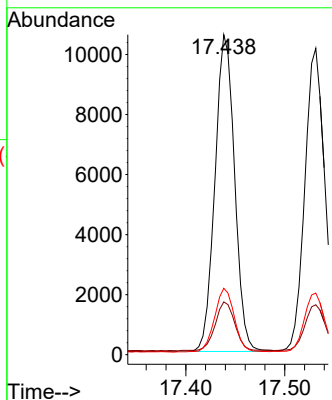
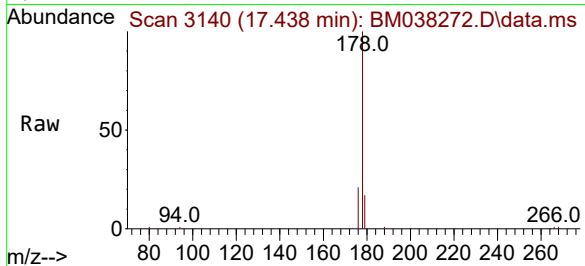




#15
Phenanthrene
Concen: 0.403 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32

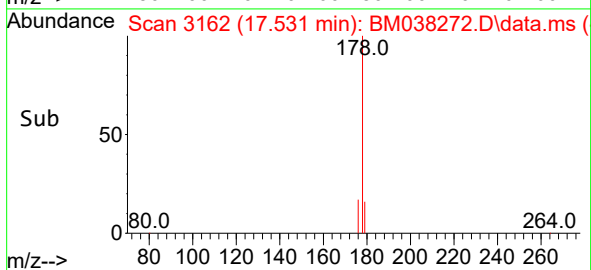
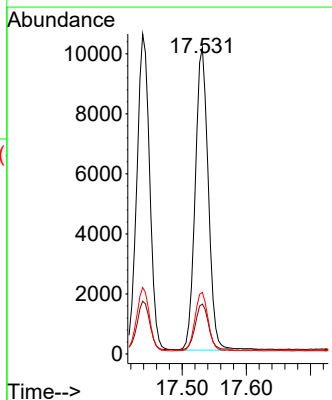
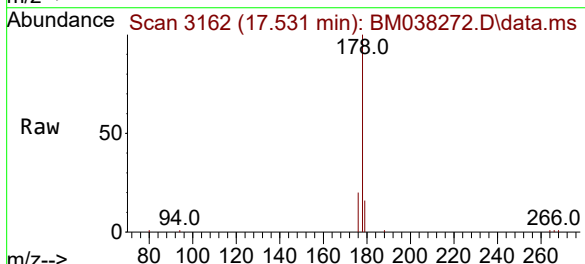
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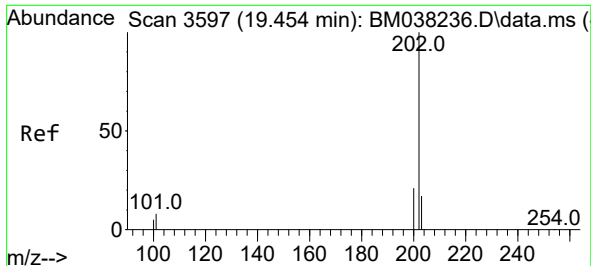
Tgt Ion:178 Resp: 14551
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 20.8 16.2 24.4



#16
Anthracene
Concen: 0.412 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32

Tgt Ion:178 Resp: 14285
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 20.1 15.6 23.4

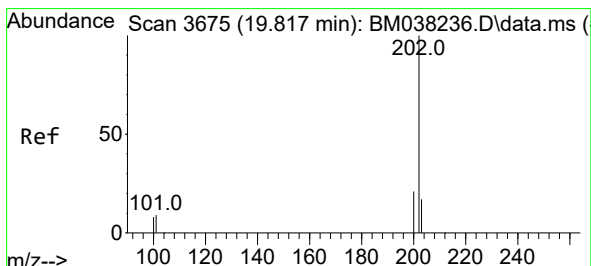
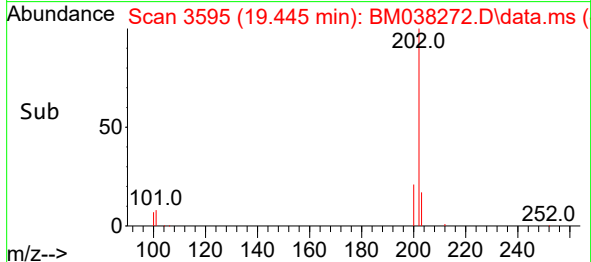
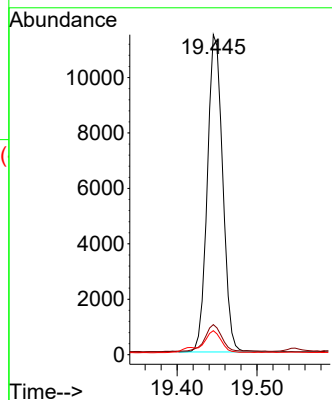
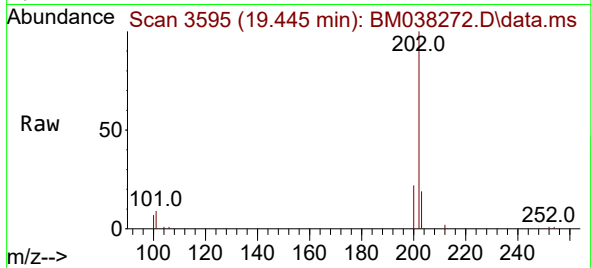




#19
Fluoranthene
Concen: 0.377 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.004 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32

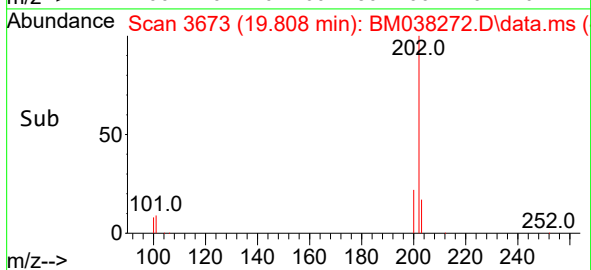
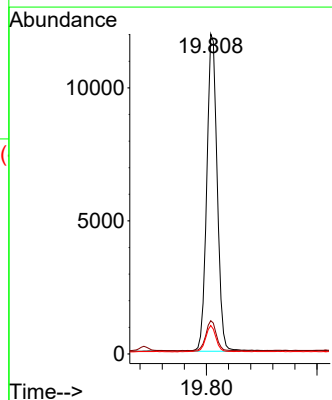
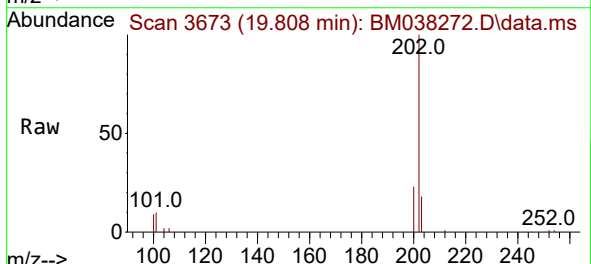
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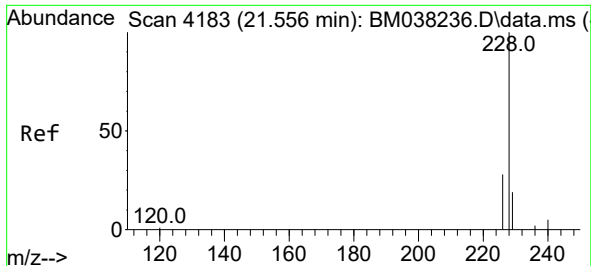
Tgt Ion:202 Resp: 15295
Ion Ratio Lower Upper
202 100
101 9.4 7.5 11.3
100 7.5 5.6 8.4



#20
Pyrene
Concen: 0.383 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.004 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32

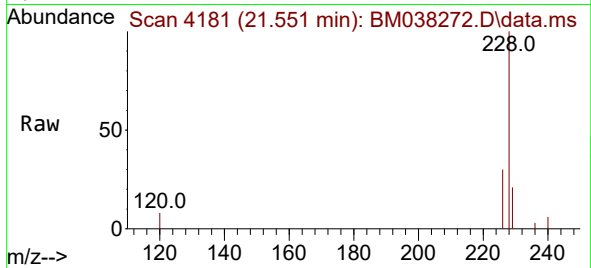
Tgt Ion:202 Resp: 15686
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 8.9 7.4 11.0



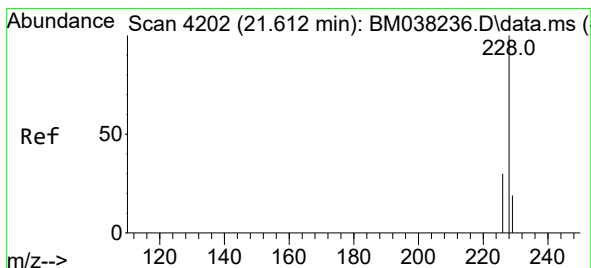
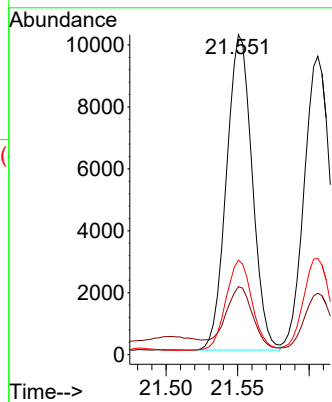
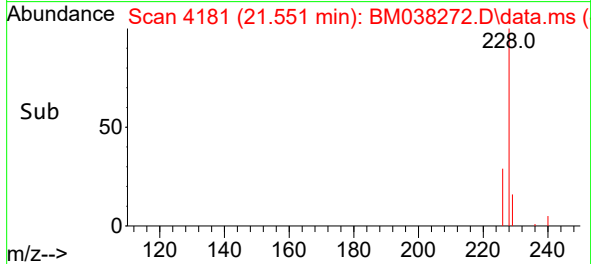


#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.551 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32

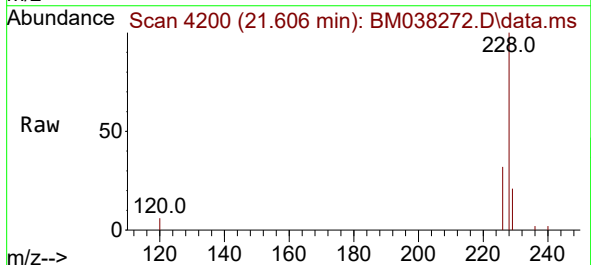
Instrument :
BNA_M
ClientSampleId :



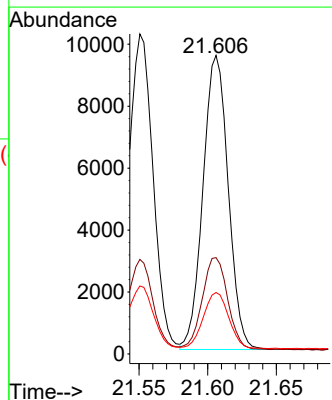
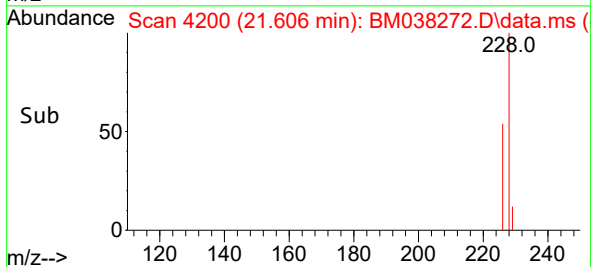
Tgt Ion:228 Resp: 12756
Ion Ratio Lower Upper
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229 21.3 15.5 23.3
226 29.6 22.2 33.2

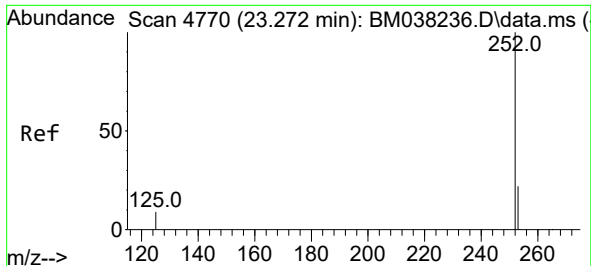


#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.606 min Scan# 4200
Delta R.T. 0.000 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32



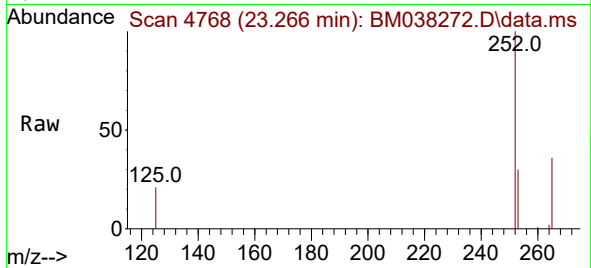
Tgt Ion:228 Resp: 12166
Ion Ratio Lower Upper
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229 20.6 16.0 24.0



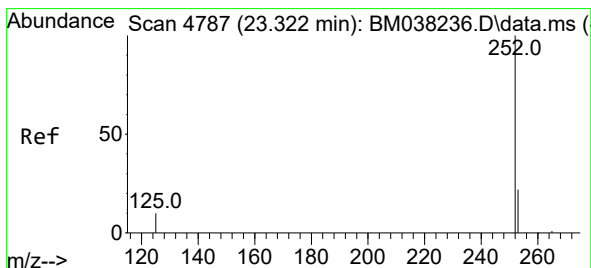
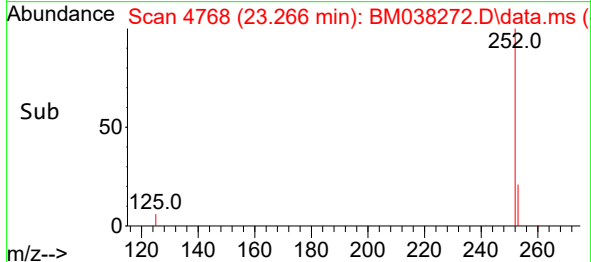
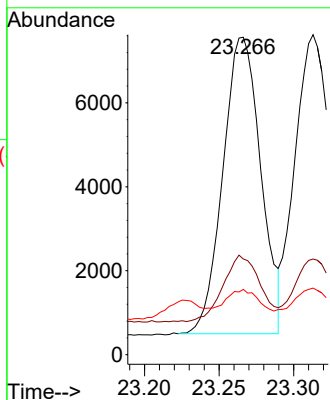


#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul
RT: 23.266 min Scan# 4768
Delta R.T. 0.000 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32

Instrument :
BNA_M
ClientSampleId :

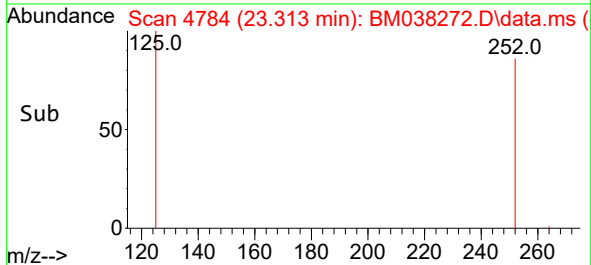
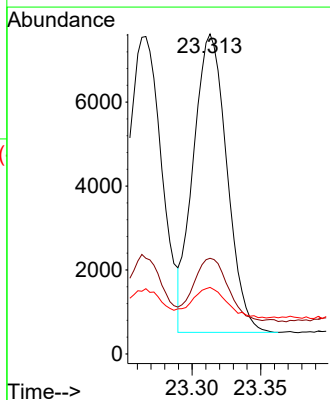
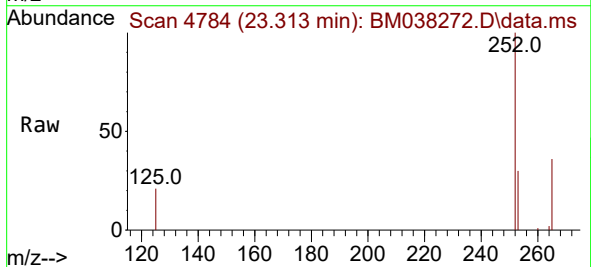


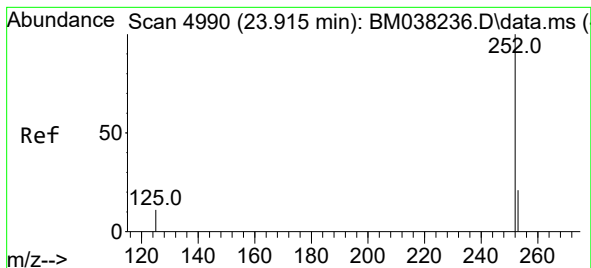
Tgt Ion:252 Resp: 12499
Ion Ratio Lower Upper
252 100
253 30.2 0.0 56.0
125 20.5 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 23.313 min Scan# 4784
Delta R.T. 0.000 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32

Tgt Ion:252 Resp: 12132
Ion Ratio Lower Upper
252 100
253 29.9 22.5 33.7
125 20.8 14.4 21.6





#26

Benzo(a)pyrene

Concen: 0.392 ng/ul

RT: 23.904 min Scan# 4990

Delta R.T. -0.003 min

Lab File: BM038272.D

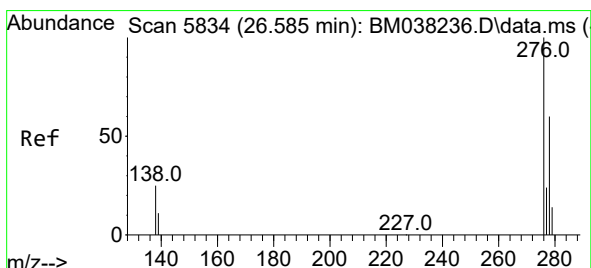
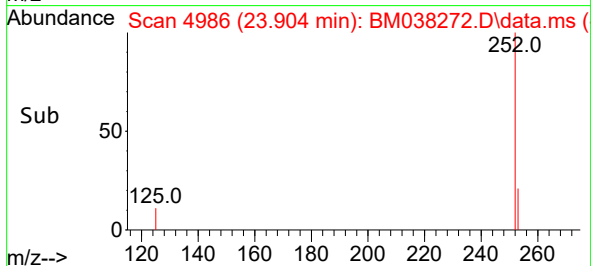
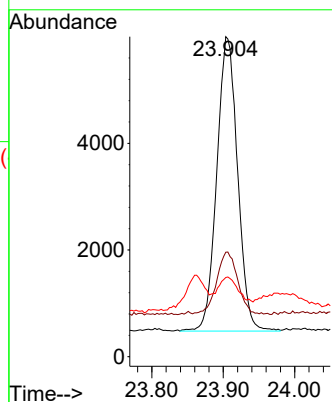
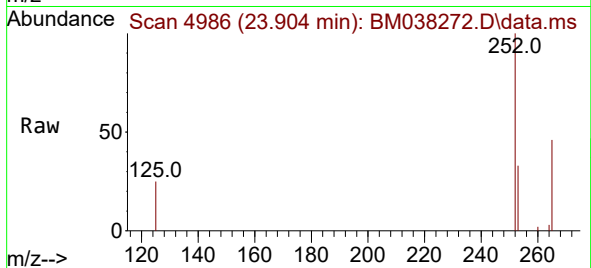
Acq: 24 Dec 2022 15:32

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	11134
Ion Ratio	Lower	Upper
252	100	
253	32.6	24.2 36.4
125	24.8	17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.370 ng/ul

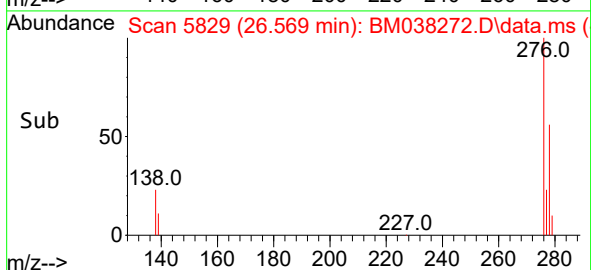
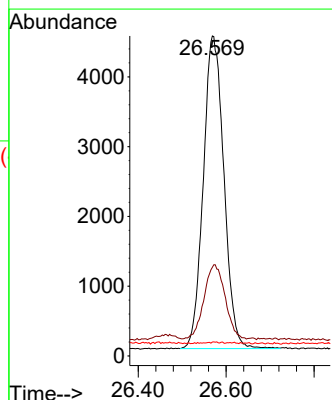
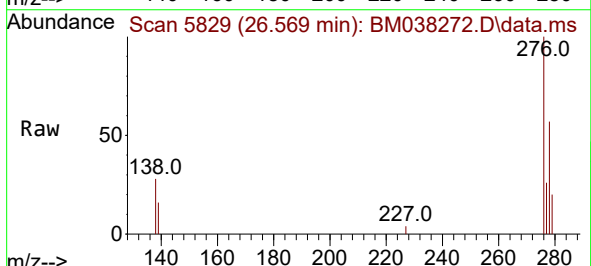
RT: 26.569 min Scan# 5829

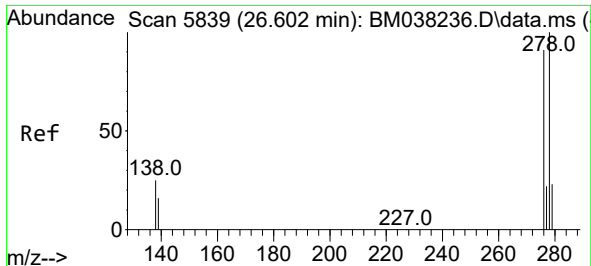
Delta R.T. 0.000 min

Lab File: BM038272.D

Acq: 24 Dec 2022 15:32

Tgt Ion:276	Resp:	14576
Ion Ratio	Lower	Upper
276	100	
138	24.5	21.7 32.5
227	0.2	0.0 0.0#

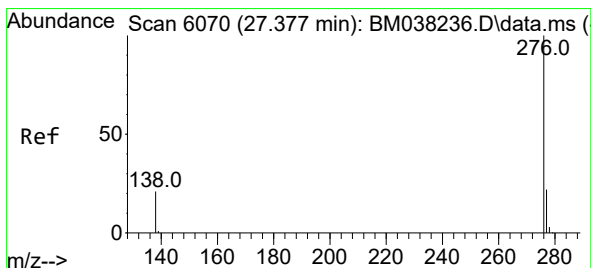
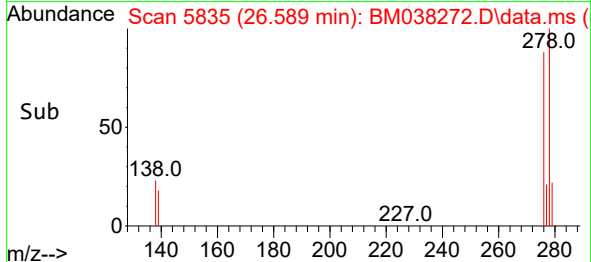
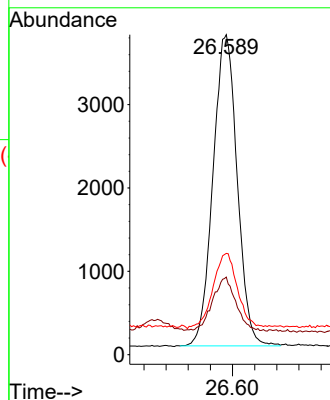
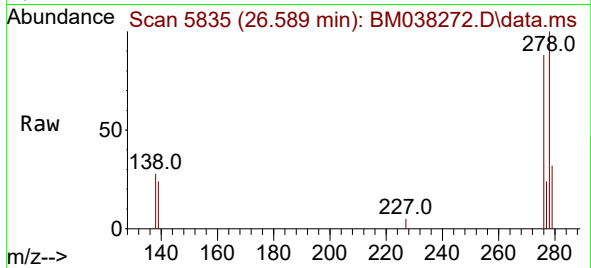




#28
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. 0.000 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 11332
Ion Ratio Lower Upper
278 100
139 24.3 16.8 25.2
279 31.6 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.365 ng/ul
RT: 27.360 min Scan# 6065
Delta R.T. 0.000 min
Lab File: BM038272.D
Acq: 24 Dec 2022 15:32

Tgt Ion:276 Resp: 12108
Ion Ratio Lower Upper
276 100
138 26.2 20.8 31.2
277 25.9 20.5 30.7

