

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020723\
 Data File : BM038708.D
 Acq On : 07 Feb 2023 15:02
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV049

Quant Time: Feb 08 01:16:16 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 14:57:50 2023
 Response via : Initial Calibration

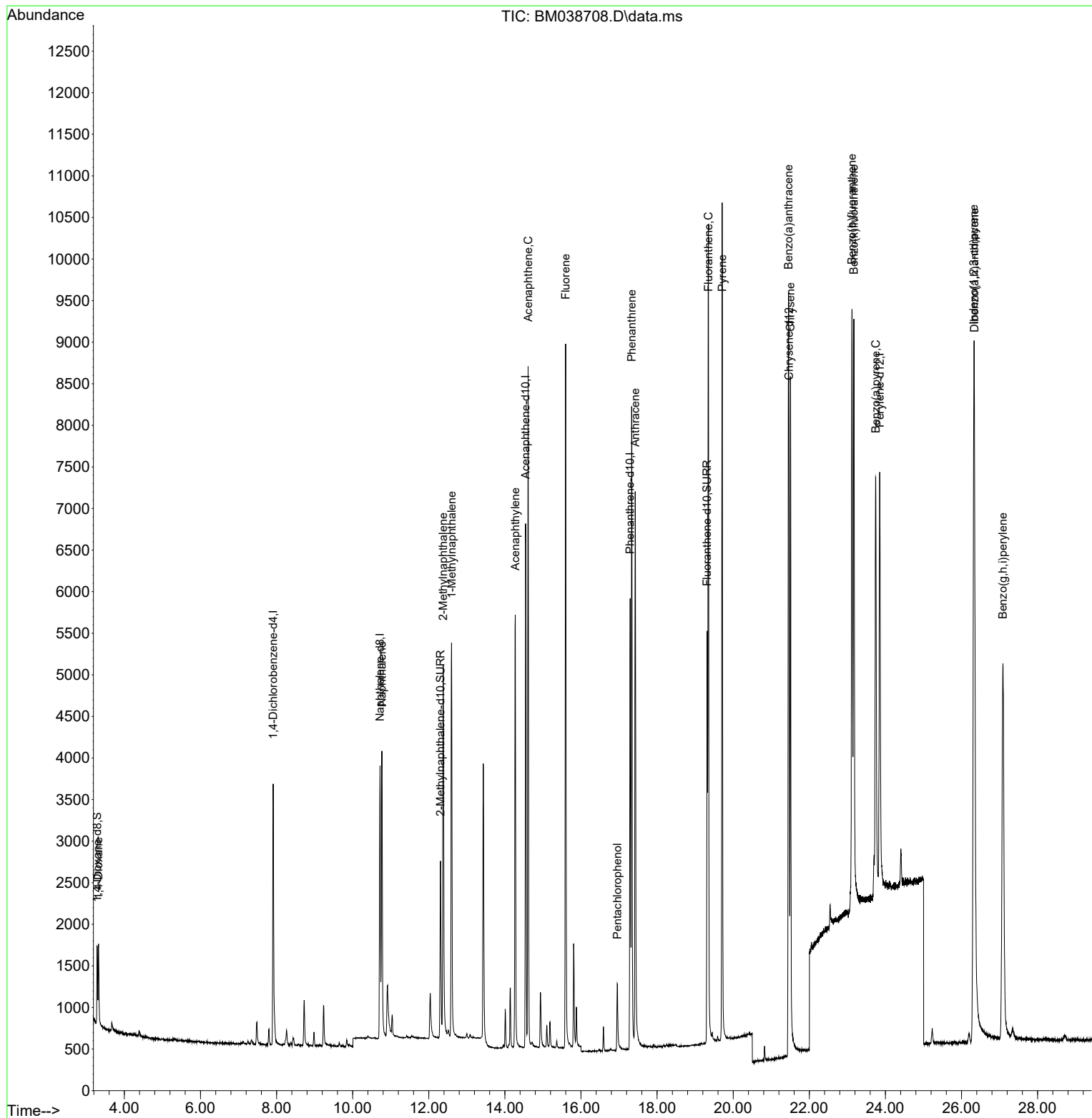
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	1853	0.400	ng/ul	0.00
4) Naphthalene-d8	10.719	136	4907	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.546	164	3463	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	7268	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	5347	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	7291	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.288	96	712	0.364	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	3183	0.374	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	6100	0.390	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	723	0.388	ng/ul	96
5) Naphthalene	10.768	128	4881	0.406	ng/ul	99
7) 2-Methylnaphthalene	12.379	142	3711	0.431	ng/ul	99
8) 1-Methylnaphthalene	12.599	142	3545	0.403	ng/ul	100
10) Acenaphthylene	14.273	152	6192	0.420	ng/ul	98
11) Acenaphthene	14.611	153	4621	0.412	ng/ul	99
12) Fluorene	15.596	166	5464	0.408	ng/ul	100
14) Pentachlorophenol	16.953	266	675	0.335	ng/ul	95
15) Phenanthrene	17.333	178	8518	0.392	ng/ul	99
16) Anthracene	17.426	178	7885	0.395	ng/ul	98
19) Fluoranthene	19.348	202	8929	0.422	ng/ul	99
20) Pyrene	19.710	202	9387	0.415	ng/ul	99
21) Benzo(a)anthracene	21.451	228	7268	0.406	ng/ul	99
22) Chrysene	21.504	228	7507	0.401	ng/ul	100
24) Benzo(b)fluoranthene	23.123	252	9996	0.380	ng/ul	98
25) Benzo(k)fluoranthene	23.170	252	9922	0.380	ng/ul	96
26) Benzo(a)pyrene	23.746	252	9171	0.390	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.324	276	12453	0.339	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.337	278	10395	0.361	ng/ul	99
29) Benzo(g,h,i)perylene	27.089	276	11577	0.353	ng/ul	99

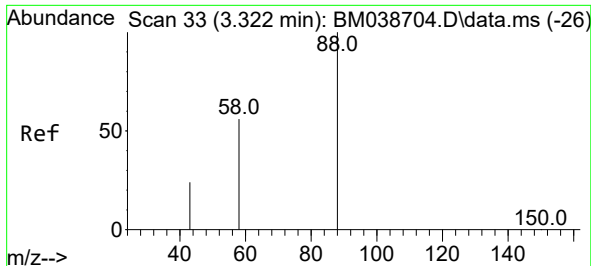
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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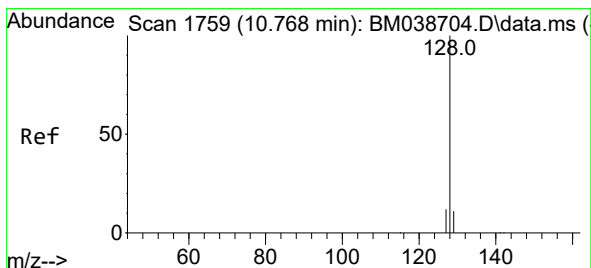
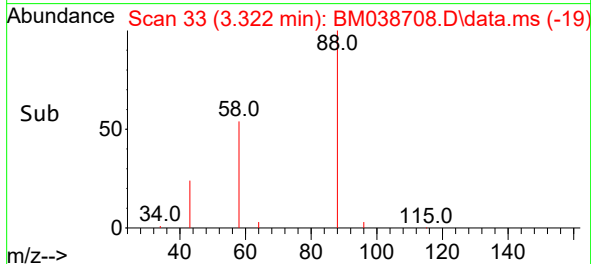
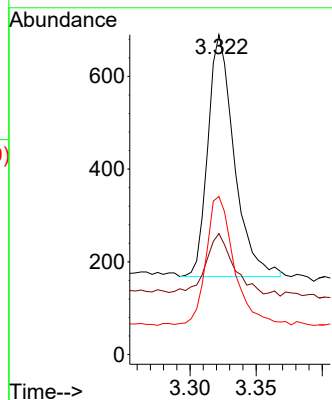
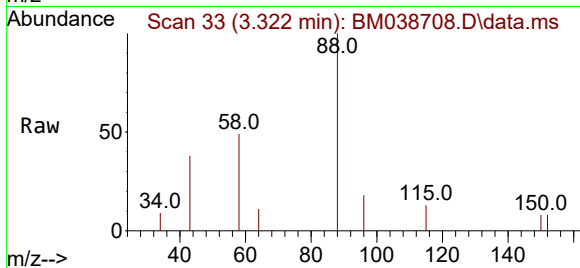




#2
1,4-Dioxane
Concen: 0.388 ng/ul
RT: 3.322 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

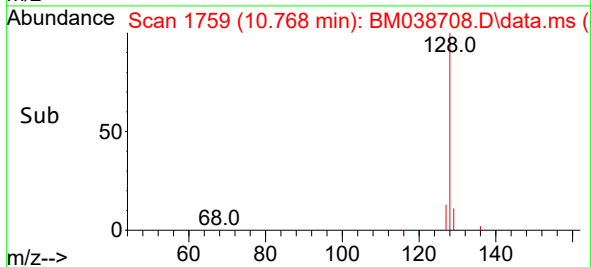
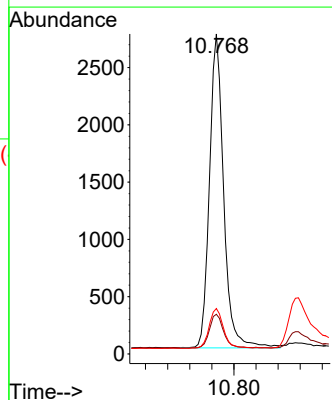
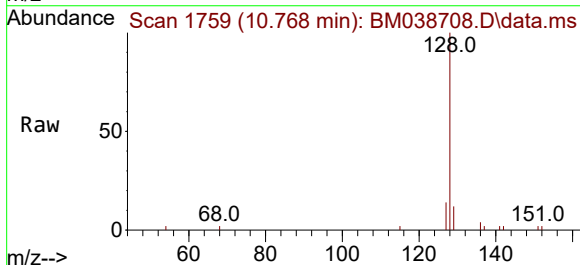
Instrument :
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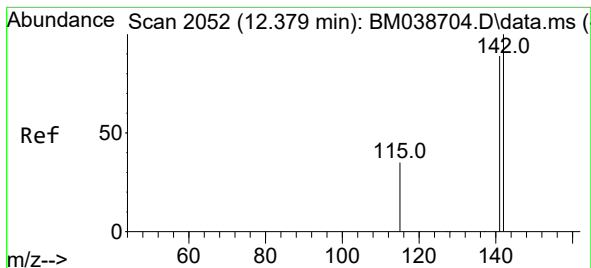
Tgt Ion: 88 Resp: 723
Ion Ratio Lower Upper
88 100
43 37.8 28.4 42.6
58 49.4 37.7 56.5



#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.768 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

Tgt Ion: 128 Resp: 4881
Ion Ratio Lower Upper
128 100
129 12.4 10.2 15.4
127 14.2 11.2 16.8

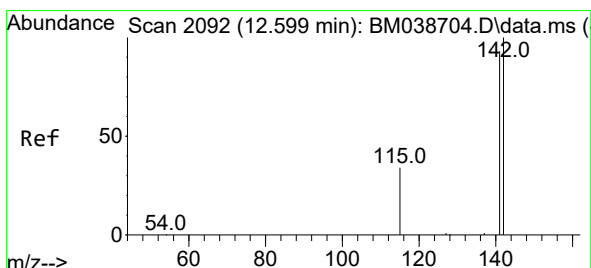
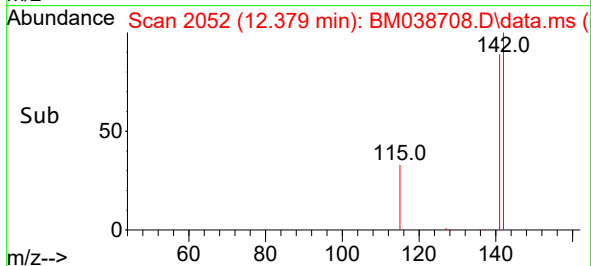
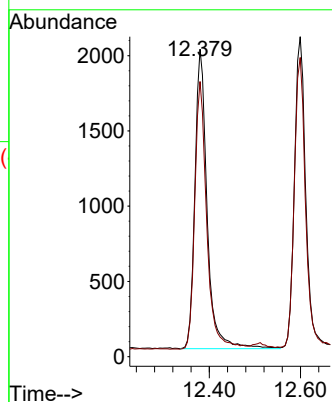
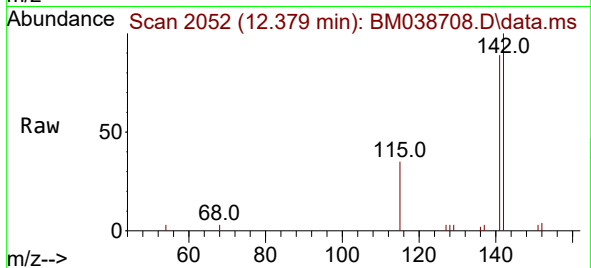




#7
2-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.379 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

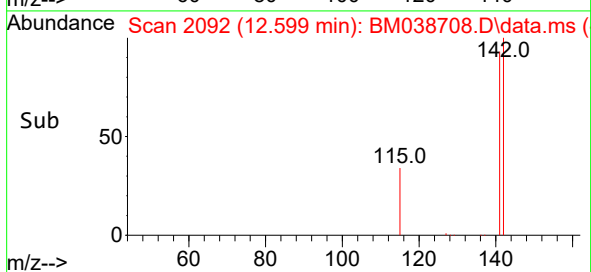
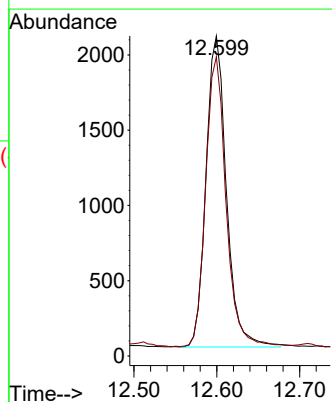
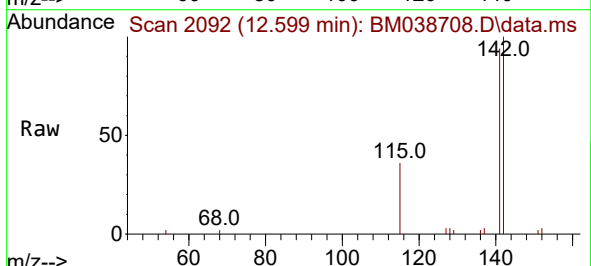
Instrument :
BNA_M
ClientSampleId :
SICV049

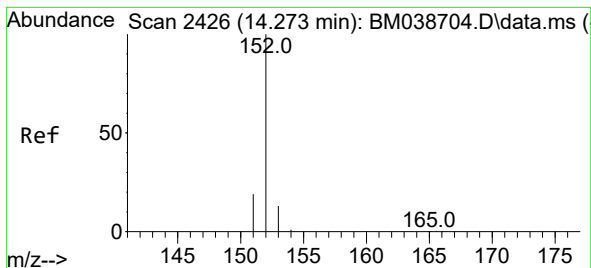
Tgt Ion:142 Resp: 3711
Ion Ratio Lower Upper
142 100
141 87.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.599 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

Tgt Ion:142 Resp: 3545
Ion Ratio Lower Upper
142 100
141 93.0 74.6 112.0





#10

Acenaphthylene

Concen: 0.420 ng/ul

RT: 14.273 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BM038708.D

Acq: 07 Feb 2023 15:02

Instrument :

BNA_M

ClientSampleId :

SICV049

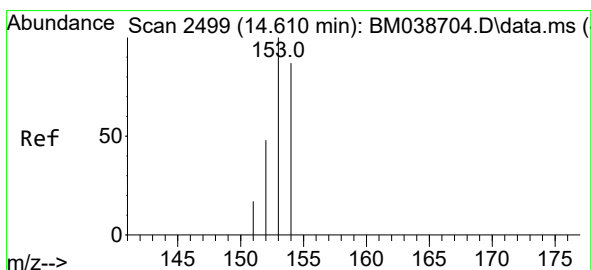
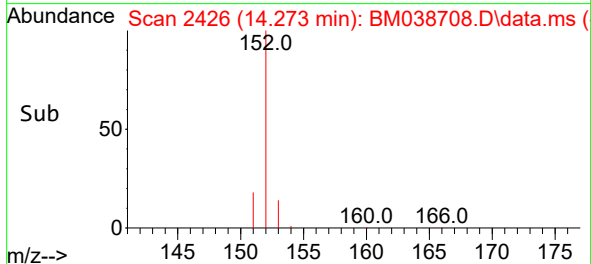
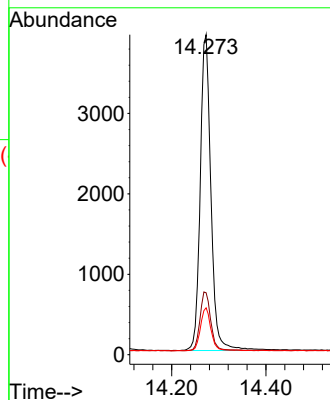
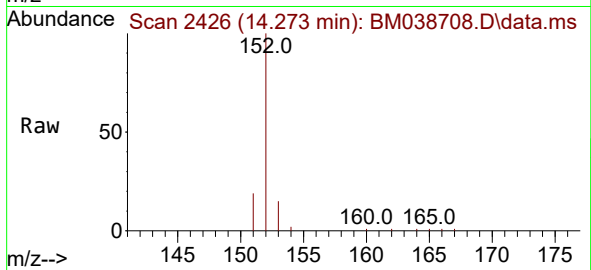
Tgt Ion:152 Resp: 6192

Ion Ratio Lower Upper

152 100

151 19.4 16.5 24.7

153 14.7 11.2 16.8



#11

Acenaphthene

Concen: 0.412 ng/ul

RT: 14.611 min Scan# 2499

Delta R.T. 0.000 min

Lab File: BM038708.D

Acq: 07 Feb 2023 15:02

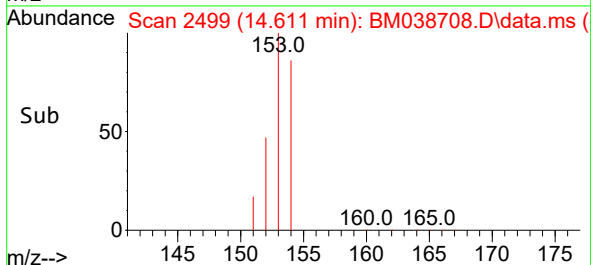
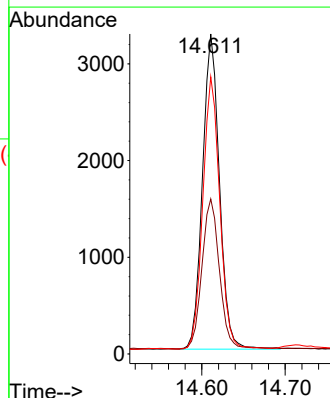
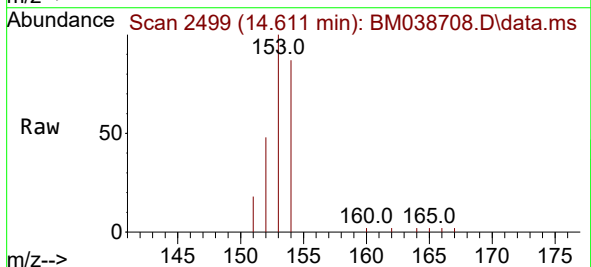
Tgt Ion:153 Resp: 4621

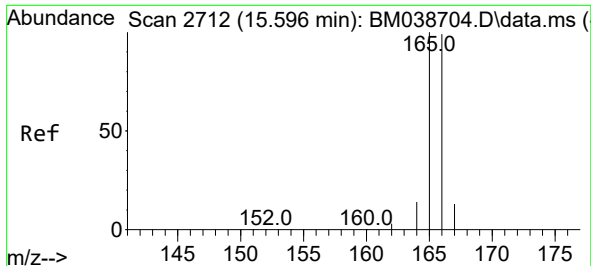
Ion Ratio Lower Upper

153 100

152 48.5 39.6 59.4

154 86.6 69.6 104.4

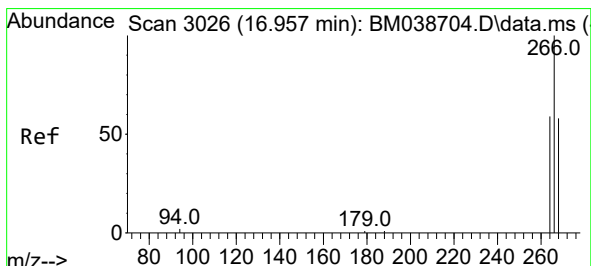
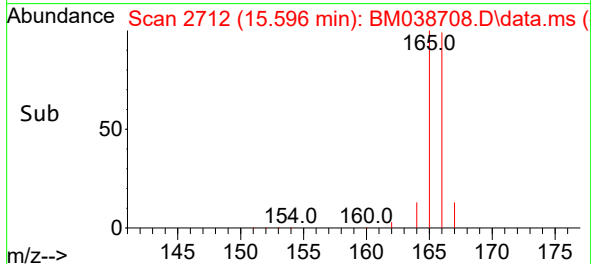
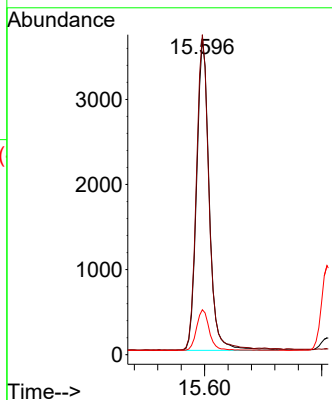
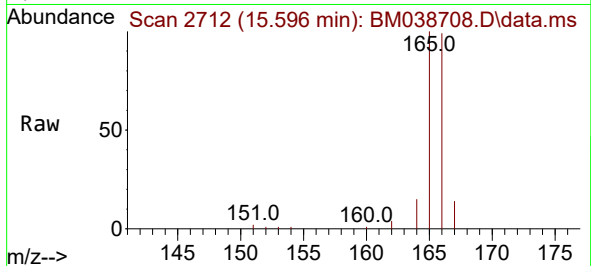




#12
Fluorene
Concen: 0.408 ng/ul
RT: 15.596 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

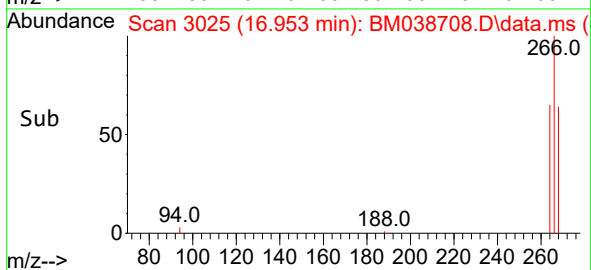
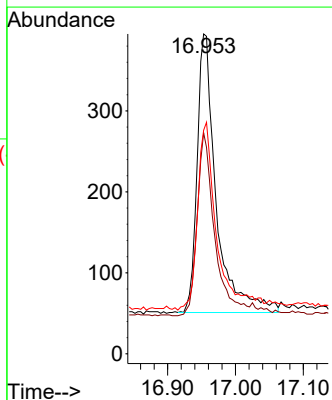
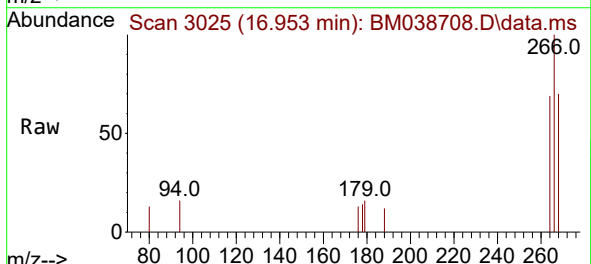
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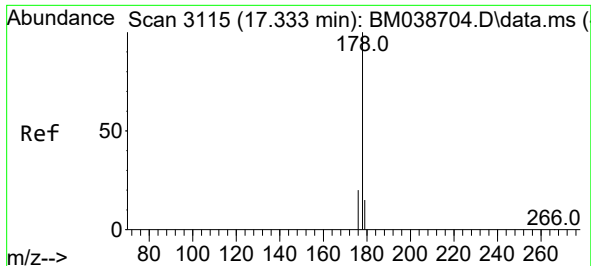
Tgt Ion:166 Resp: 5464
Ion Ratio Lower Upper
166 100
165 101.2 80.7 121.1
167 14.2 11.8 17.6



#14
Pentachlorophenol
Concen: 0.335 ng/ul
RT: 16.953 min Scan# 3025
Delta R.T. -0.004 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

Tgt Ion:266 Resp: 675
Ion Ratio Lower Upper
266 100
264 63.7 47.3 70.9
268 66.8 50.9 76.3

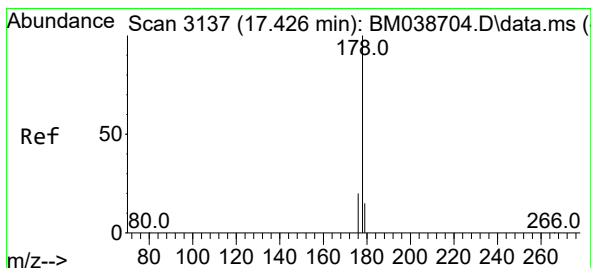
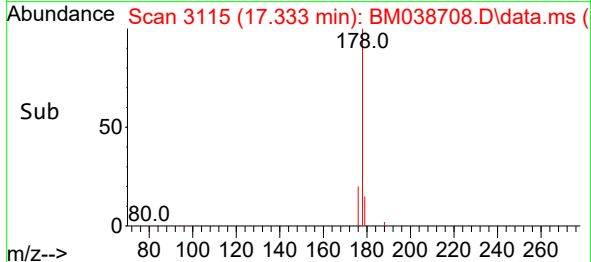
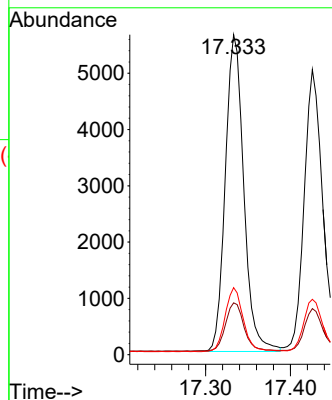
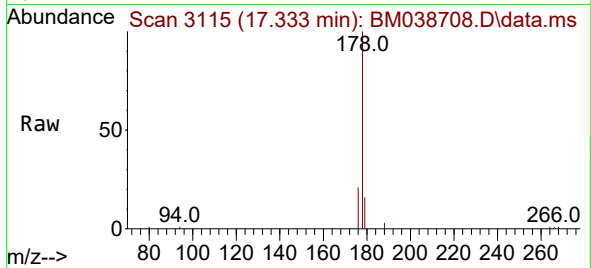




#15
Phenanthrene
Concen: 0.392 ng/ul
RT: 17.333 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

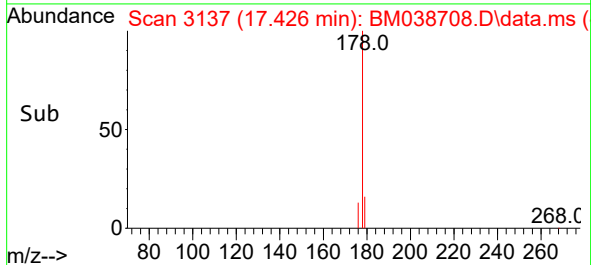
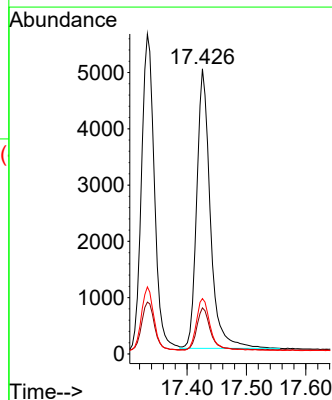
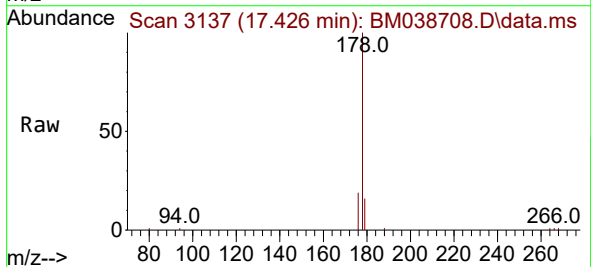
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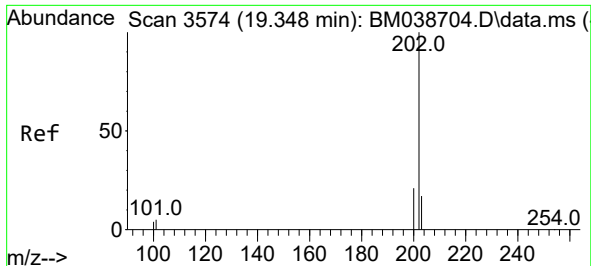
Tgt Ion:178 Resp: 8518
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 20.9 16.5 24.7



#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

Tgt Ion:178 Resp: 7885
Ion Ratio Lower Upper
178 100
179 16.2 13.2 19.8
176 19.4 16.6 24.8

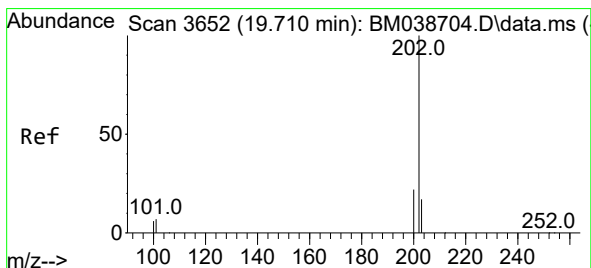
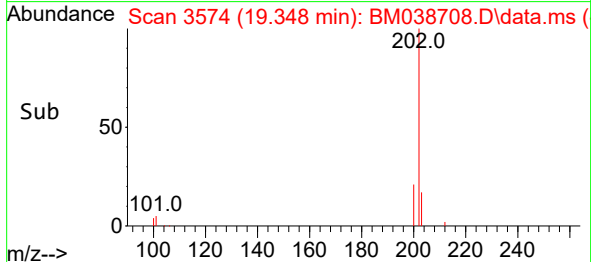
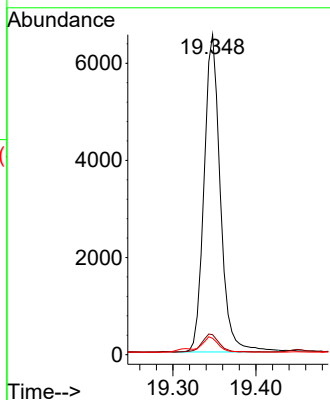
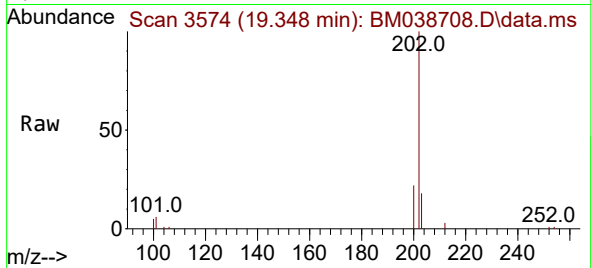




#19
Fluoranthene
Concen: 0.422 ng/ul
RT: 19.348 min Scan# 3574
Delta R.T. 0.000 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

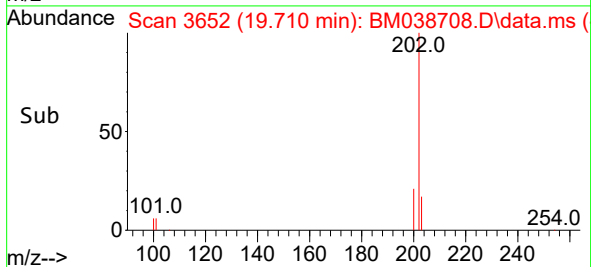
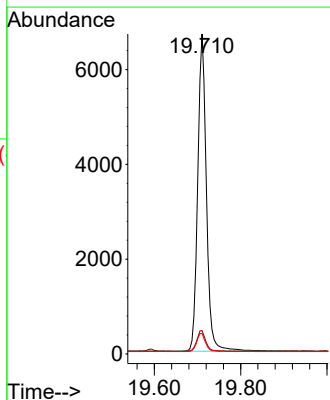
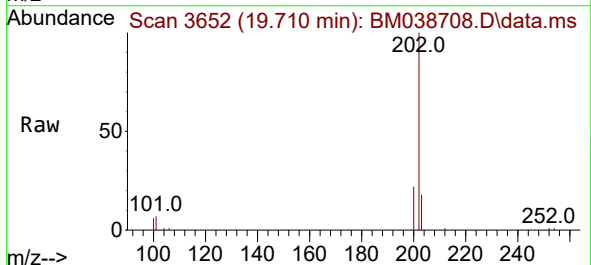
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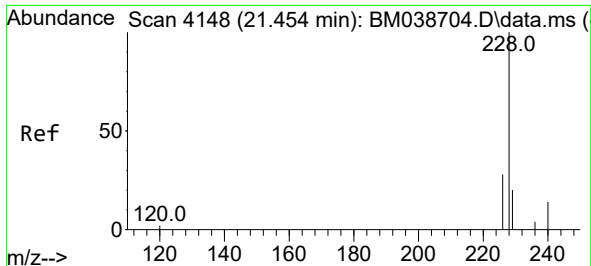
Tgt Ion:202 Resp: 8929
Ion Ratio Lower Upper
202 100
101 6.3 5.0 7.6
100 5.1 4.6 6.8



#20
Pyrene
Concen: 0.415 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. 0.000 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

Tgt Ion:202 Resp: 9387
Ion Ratio Lower Upper
202 100
101 7.3 6.2 9.2
100 6.4 5.2 7.8

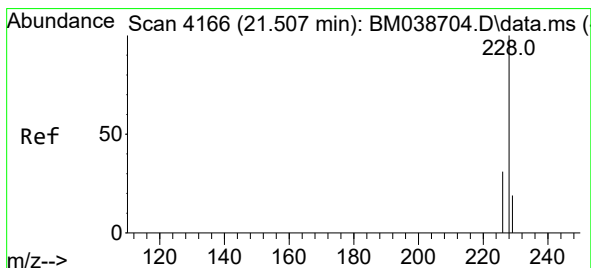
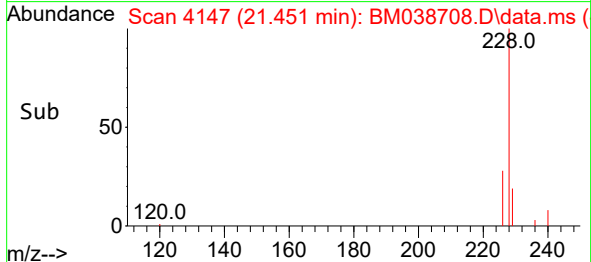
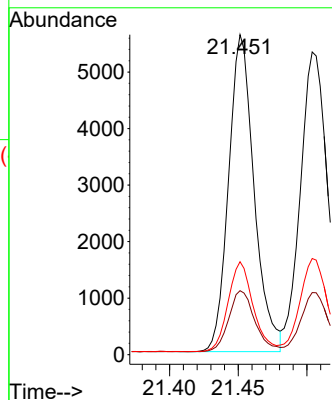
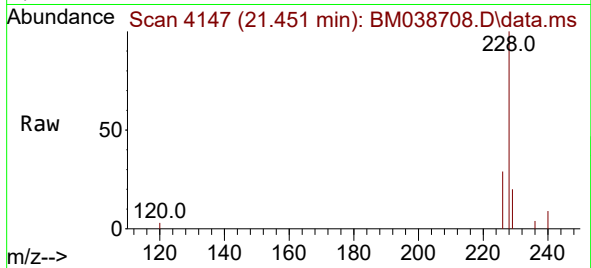




#21
Benzo(a)anthracene
Concen: 0.406 ng/ul
RT: 21.451 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

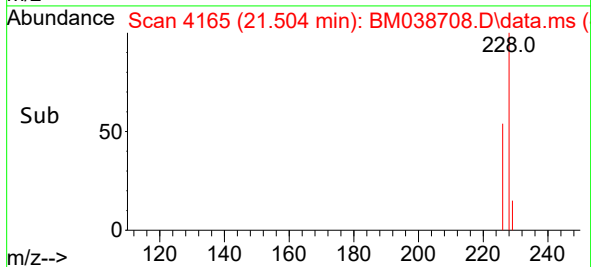
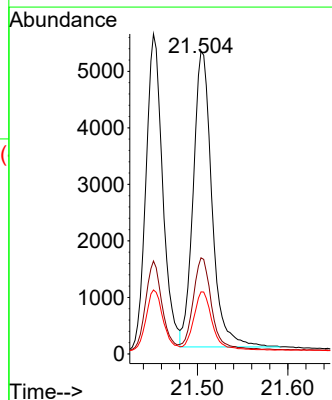
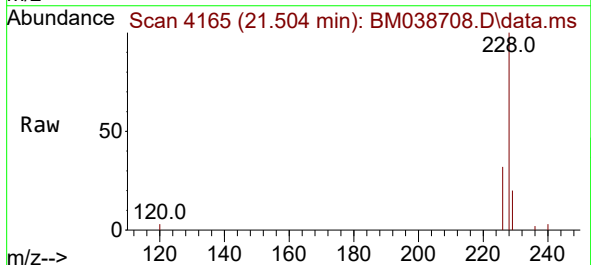
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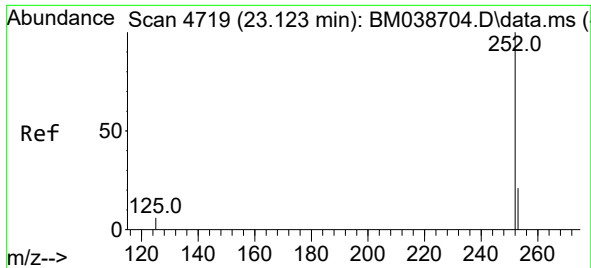
Tgt Ion:228 Resp: 7268
Ion Ratio Lower Upper
228 100
229 20.0 17.0 25.6
226 29.0 23.0 34.6



#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

Tgt Ion:228 Resp: 7507
Ion Ratio Lower Upper
228 100
226 31.8 25.4 38.0
229 20.5 16.0 24.0

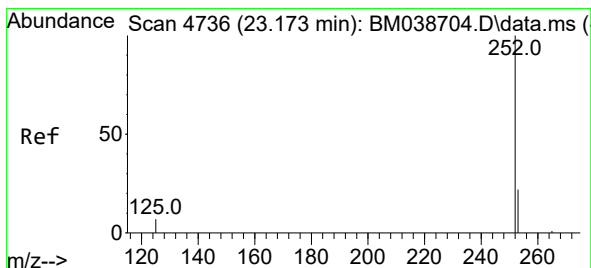
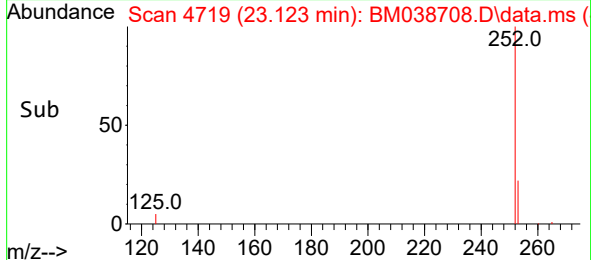
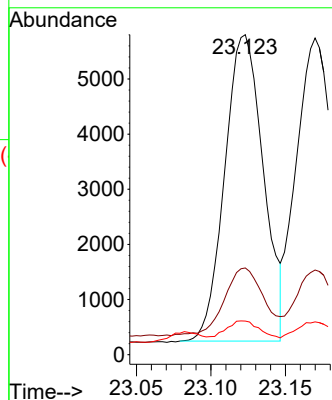
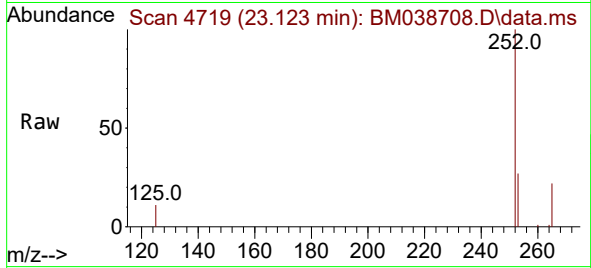




#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.123 min Scan# 4719
Delta R.T. 0.000 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

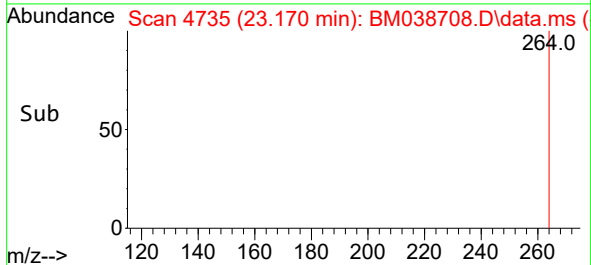
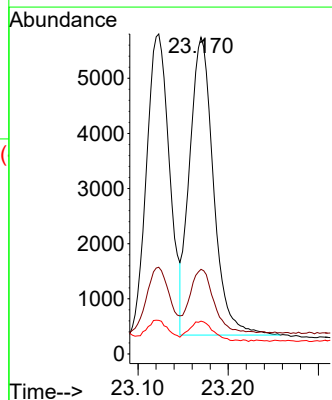
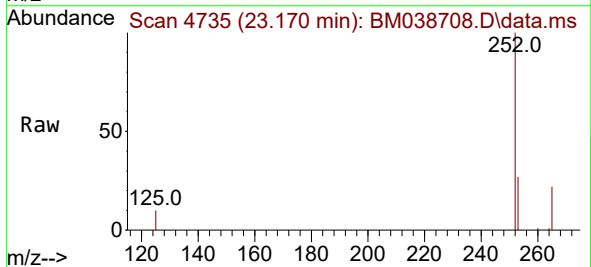
Instrument :
BNA_M
ClientSampleId :
SICV049

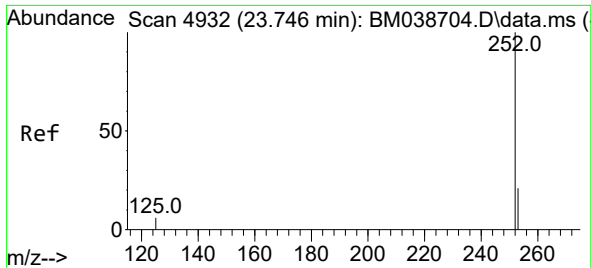
Tgt Ion:252 Resp: 9996
Ion Ratio Lower Upper
252 100
253 27.1 0.0 56.4
125 10.5 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.380 ng/ul
RT: 23.170 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

Tgt Ion:252 Resp: 9922
Ion Ratio Lower Upper
252 100
253 26.7 23.0 34.6
125 10.4 9.4 14.0

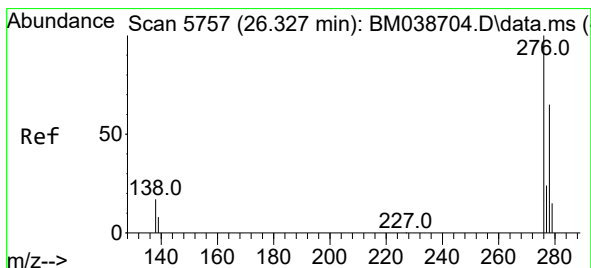
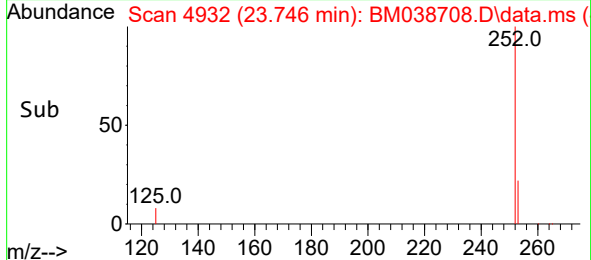
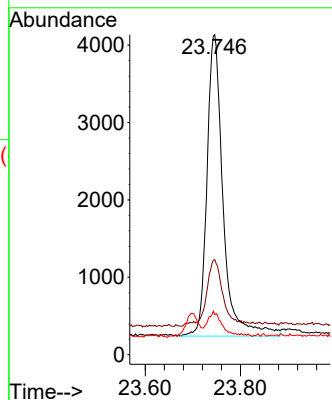
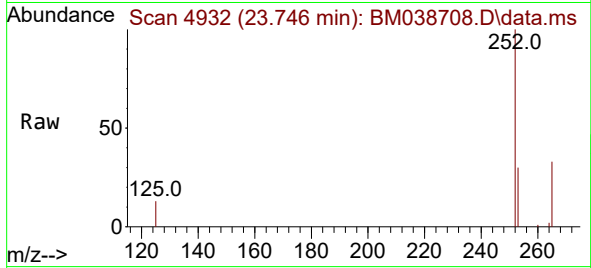




#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.746 min Scan# 4932
Delta R.T. 0.000 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

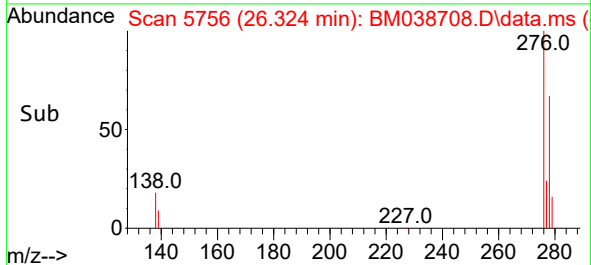
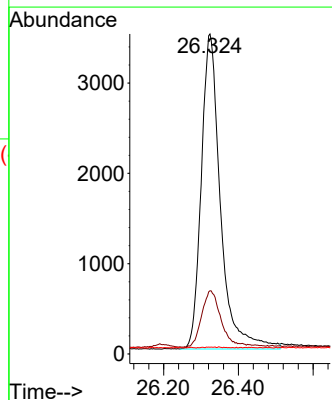
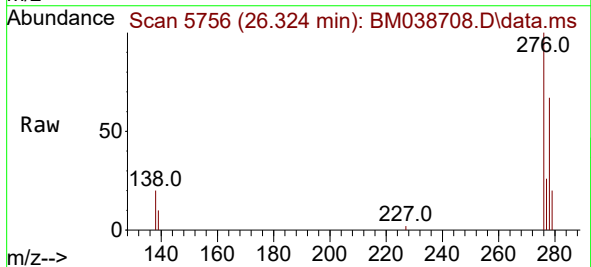
Instrument :
BNA_M
ClientSampleId :
SICV049

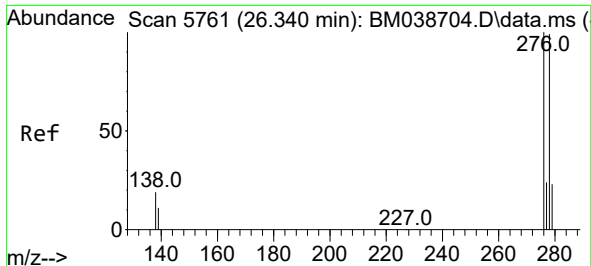
Tgt Ion:	252	Resp:	9171
Ion Ratio	Lower	Upper	
252	100		
253	29.7	25.2	37.8
125	12.6	11.4	17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/ul
RT: 26.324 min Scan# 5756
Delta R.T. -0.003 min
Lab File: BM038708.D
Acq: 07 Feb 2023 15:02

Tgt Ion:	276	Resp:	12453
Ion Ratio	Lower	Upper	
276	100		
138	18.9	13.5	20.3
227	0.1	0.2	0.2

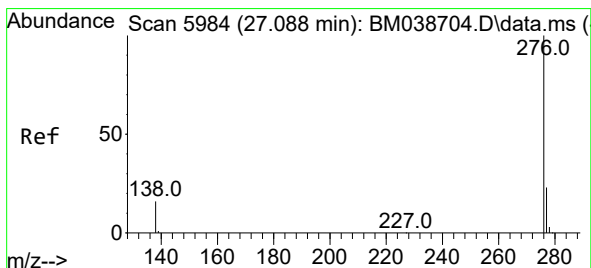
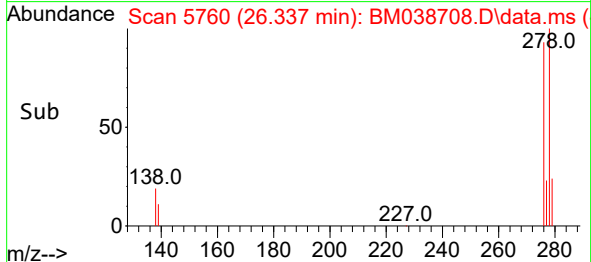
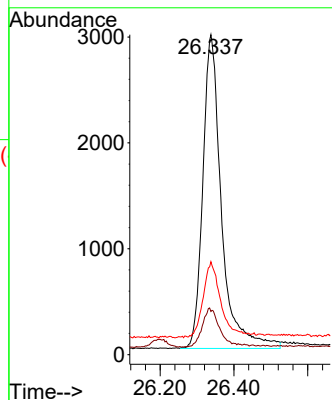
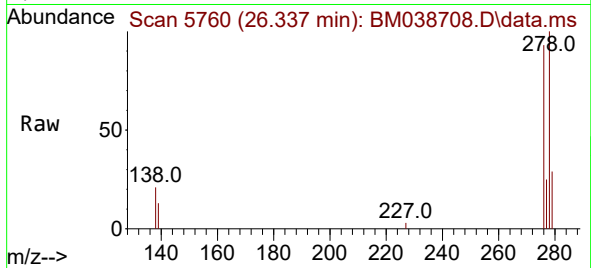




#28
 Dibenzo(a,h)anthracene
 Concen: 0.361 ng/ul
 RT: 26.337 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BM038708.D
 Acq: 07 Feb 2023 15:02

Instrument :
 BNA_M
 ClientSampleId :
 SICV049

Tgt Ion:278 Resp: 10395
 Ion Ratio Lower Upper
 278 100
 139 13.5 11.2 16.8
 279 29.0 23.8 35.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.353 ng/ul
 RT: 27.089 min Scan# 5984
 Delta R.T. 0.000 min
 Lab File: BM038708.D
 Acq: 07 Feb 2023 15:02

Tgt Ion:276 Resp: 11577
 Ion Ratio Lower Upper
 276 100
 138 17.3 14.5 21.7
 277 25.5 20.5 30.7

