

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038312.D
 Acq On : 25 Dec 2022 18:56
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 121 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 23:56:45 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

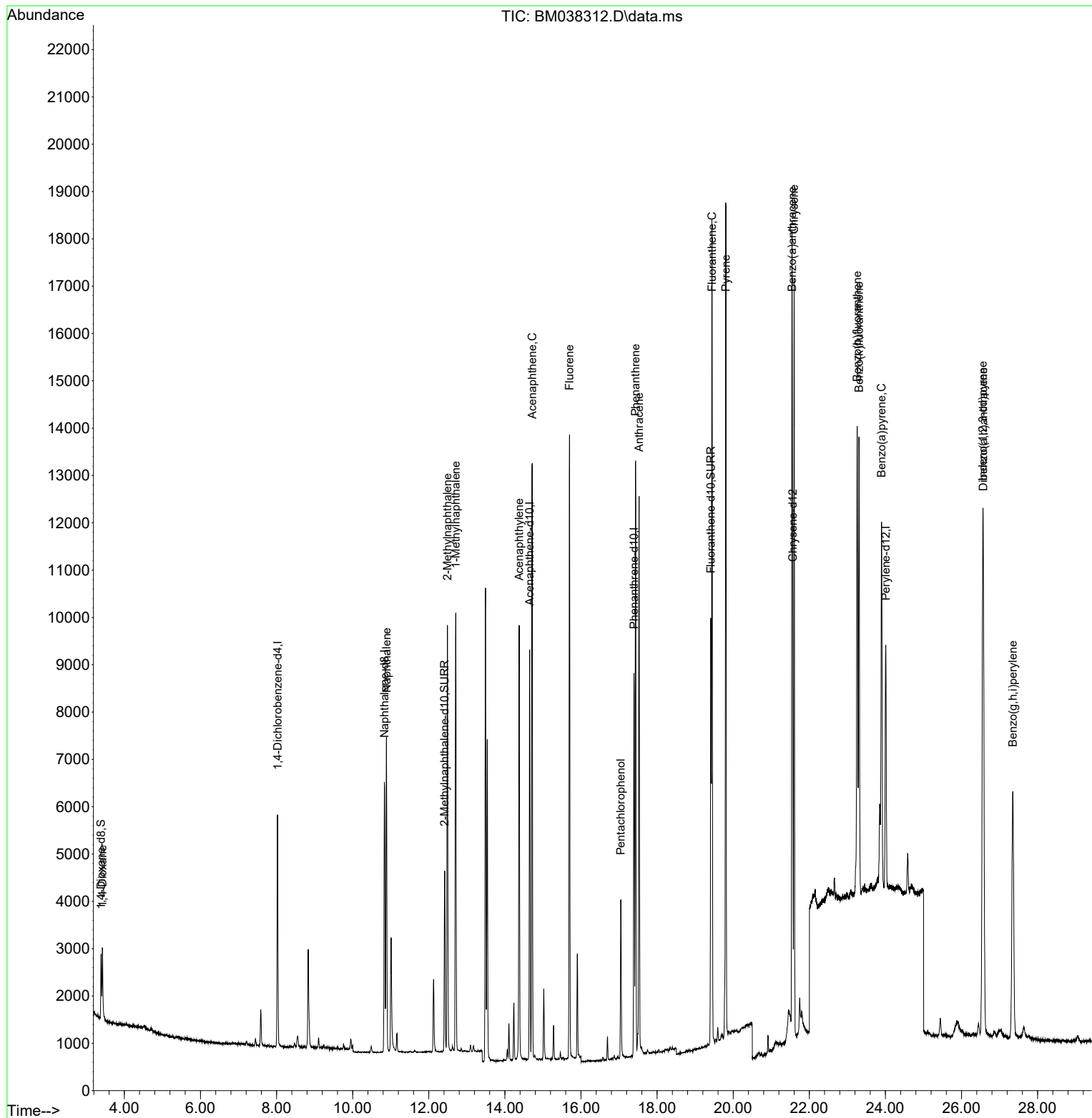
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	2558	0.400	ng/ul	0.00
4) Naphthalene-d8	10.834	136	7759	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.652	164	4432	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	9403	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	6817	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	7080	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	957	0.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	4768	0.417	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	9628	0.376	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.427	88	853	0.334	ng/ul#	86
5) Naphthalene	10.889	128	8987	0.395	ng/ul	99
7) 2-Methylnaphthalene	12.489	142	5969	0.422	ng/ul	100
8) 1-Methylnaphthalene	12.709	142	6084	0.421	ng/ul	99
10) Acenaphthylene	14.375	152	10351	0.423	ng/ul	99
11) Acenaphthene	14.717	153	7195	0.412	ng/ul	99
12) Fluorene	15.698	166	8000	0.423	ng/ul	98
14) Pentachlorophenol	17.046	266	2326	0.497	ng/ul	100
15) Phenanthrene	17.434	178	12628	0.401	ng/ul	99
16) Anthracene	17.527	178	12326	0.408	ng/ul	99
19) Fluoranthene	19.441	202	15124	0.405	ng/ul	100
20) Pyrene	19.808	202	15550	0.412	ng/ul	95
21) Benzo(a)anthracene	21.545	228	13524	0.452	ng/ul	97
22) Chrysene	21.600	228	12900	0.443	ng/ul	98
24) Benzo(b)fluoranthene	23.257	252	13280	0.424	ng/ul	98
25) Benzo(k)fluoranthene	23.307	252	12642	0.420	ng/ul	99
26) Benzo(a)pyrene	23.898	252	11587	0.424	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.559	276	14548	0.384	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.572	278	11183	0.380	ng/ul	99
29) Benzo(g,h,i)perylene	27.347	276	11962	0.375	ng/ul	98

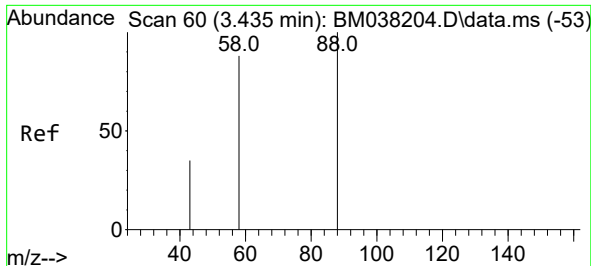
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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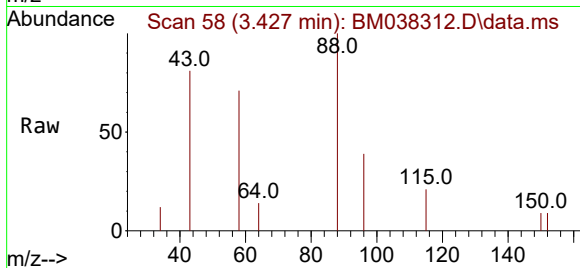
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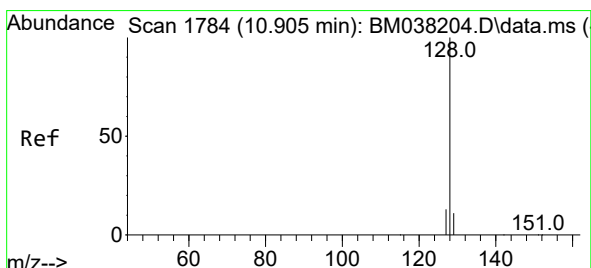
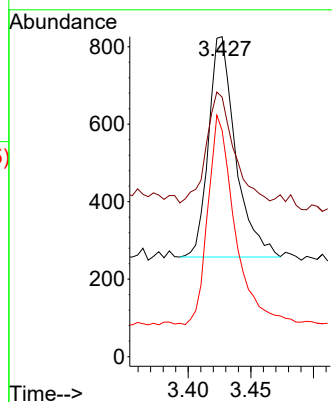
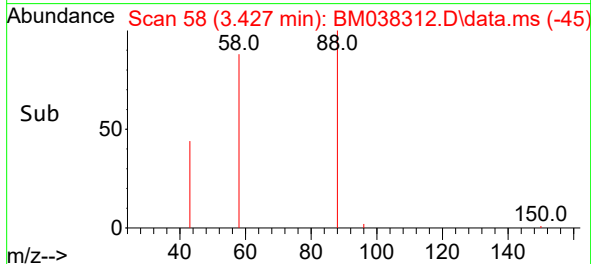
#2
 1,4-Dioxane
 Concen: 0.334 ng/ul
 RT: 3.427 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BM038312.D
 Acq: 25 Dec 2022 18:56

Instrument :
 BNA_M
 ClientSampleId :

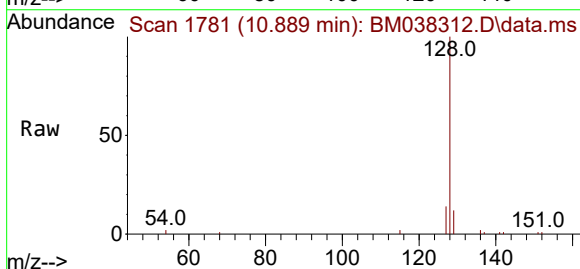


Tgt Ion: 88 Resp: 853

Ion	Ratio	Lower	Upper
88	100		
43	81.1	46.4	69.6
58	70.7	56.9	85.3

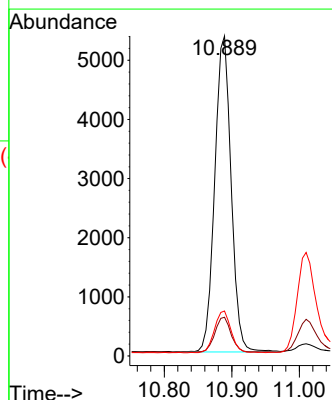
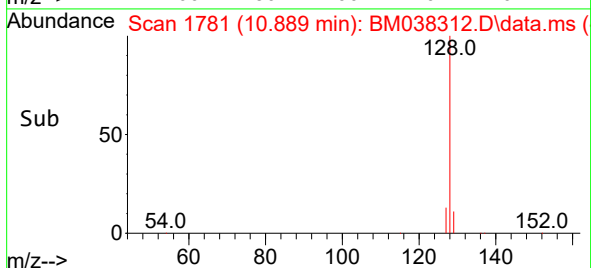


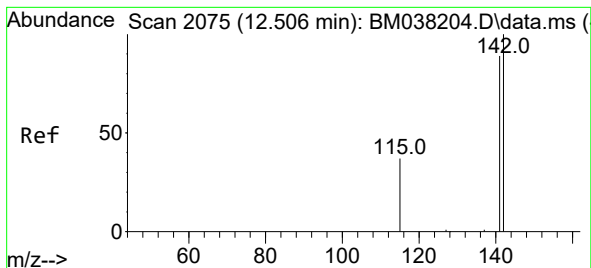
#5
 Naphthalene
 Concen: 0.395 ng/ul
 RT: 10.889 min Scan# 1781
 Delta R.T. -0.005 min
 Lab File: BM038312.D
 Acq: 25 Dec 2022 18:56



Tgt Ion: 128 Resp: 8987

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.0
127	14.0	10.7	16.1

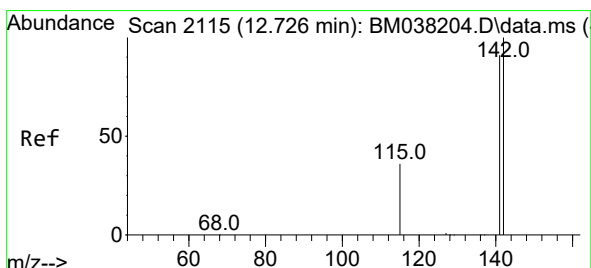
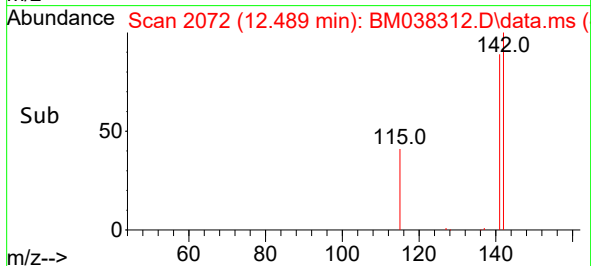
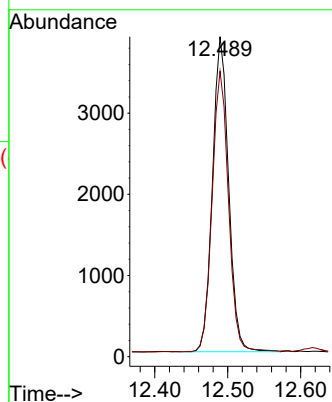
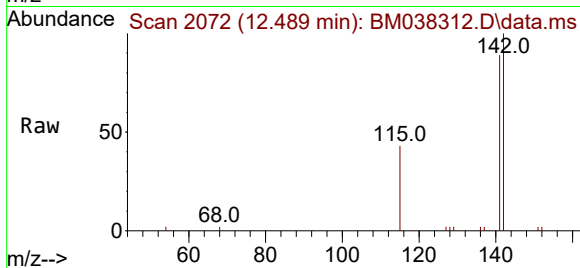




#7
2-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 12.489 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM038312.D
Acq: 25 Dec 2022 18:56

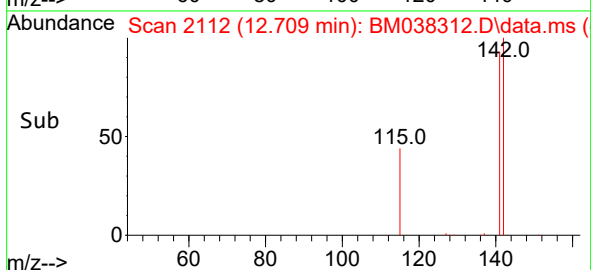
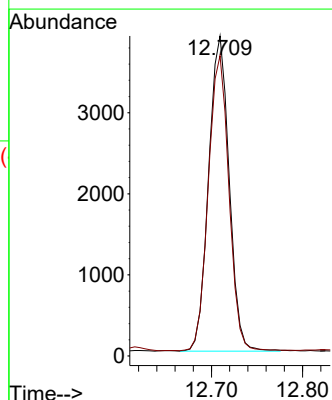
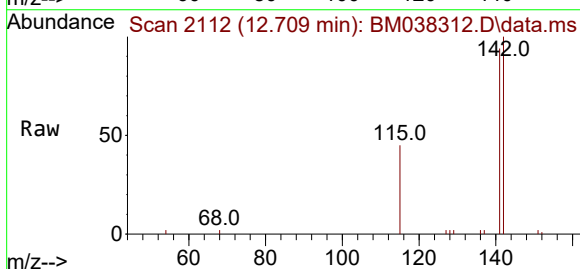
Instrument :
BNA_M
ClientSampleId :

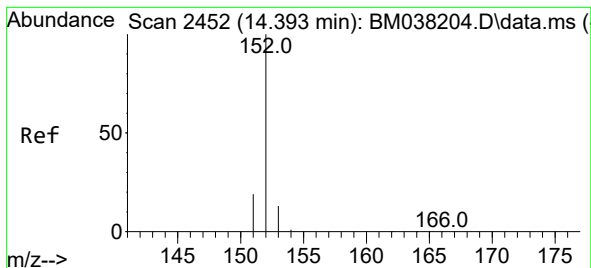
Tgt Ion:142 Resp: 5969
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.709 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BM038312.D
Acq: 25 Dec 2022 18:56

Tgt Ion:142 Resp: 6084
Ion Ratio Lower Upper
142 100
141 93.9 74.7 112.1





#10

Acenaphthylene

Concen: 0.423 ng/ul

RT: 14.375 min Scan# 2448

Delta R.T. -0.004 min

Lab File: BM038312.D

Acq: 25 Dec 2022 18:56

Instrument :

BNA_M

ClientSampleId :

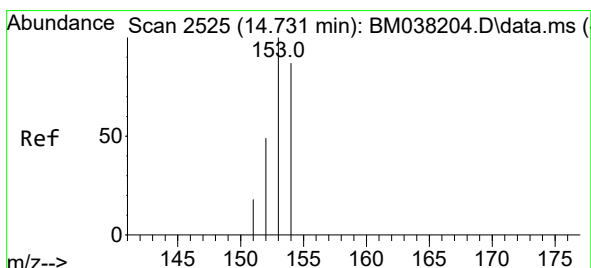
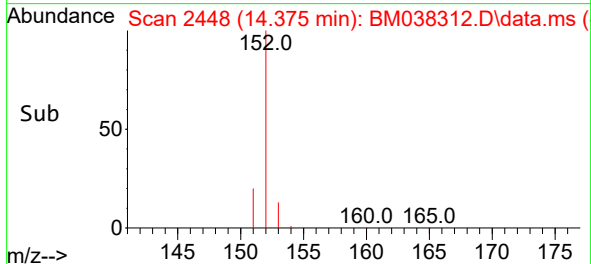
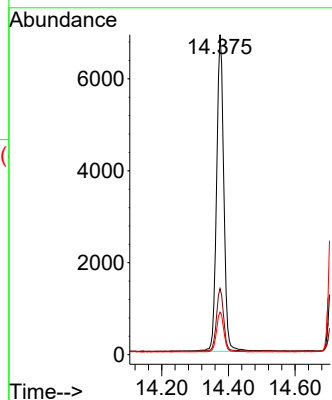
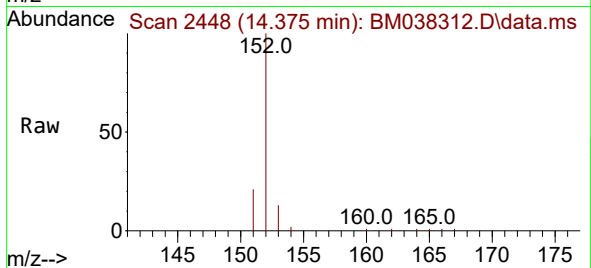
Tgt Ion:152 Resp: 10351

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

153 13.3 10.7 16.1



#11

Acenaphthene

Concen: 0.412 ng/ul

RT: 14.717 min Scan# 2522

Delta R.T. -0.004 min

Lab File: BM038312.D

Acq: 25 Dec 2022 18:56

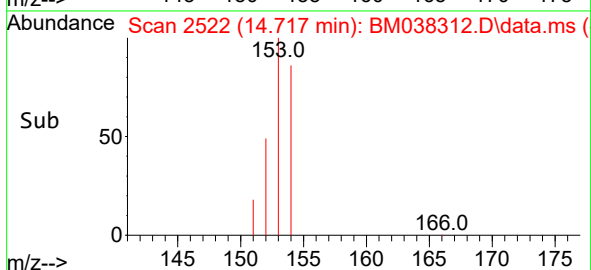
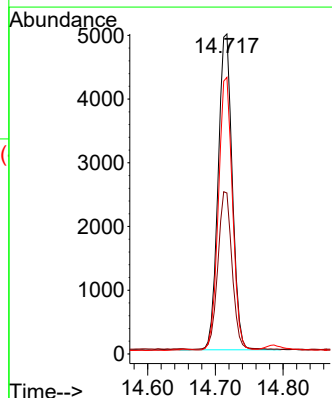
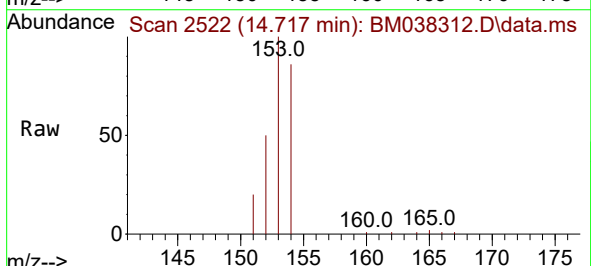
Tgt Ion:153 Resp: 7195

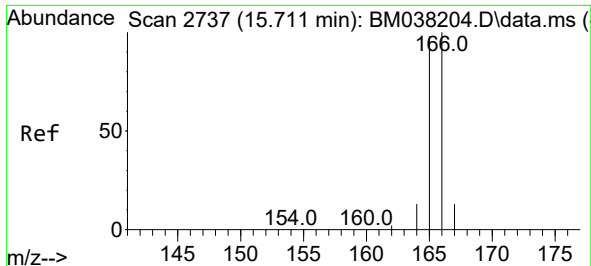
Ion Ratio Lower Upper

153 100

152 50.3 39.4 59.0

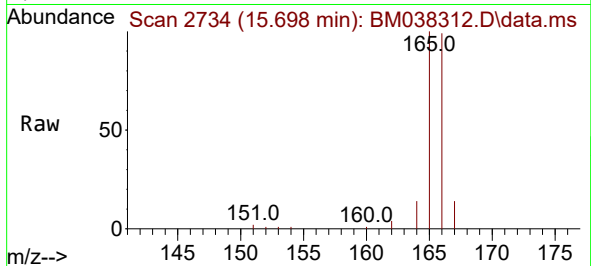
154 86.4 69.0 103.4



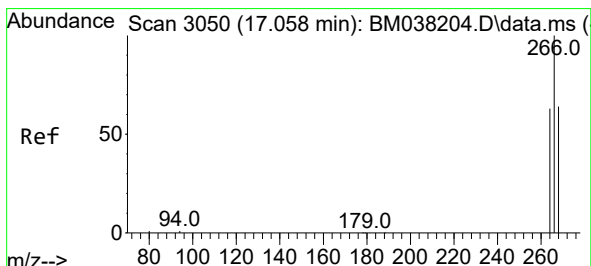
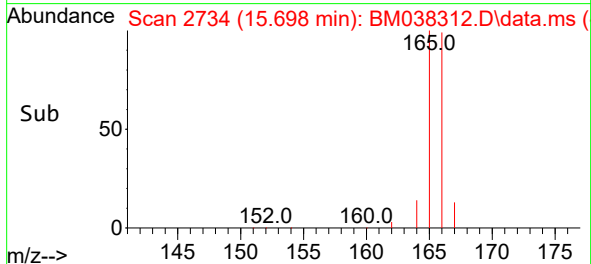
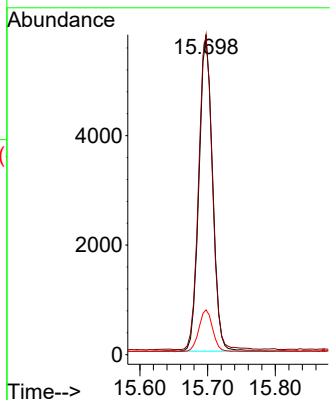


#12
Fluorene
Concen: 0.423 ng/ul
RT: 15.698 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM038312.D
Acq: 25 Dec 2022 18:56

Instrument :
BNA_M
ClientSampleId :

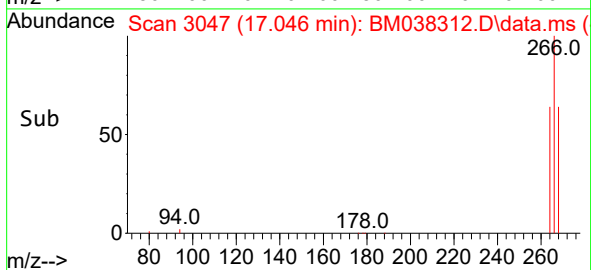
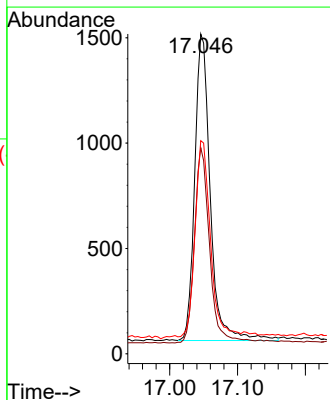
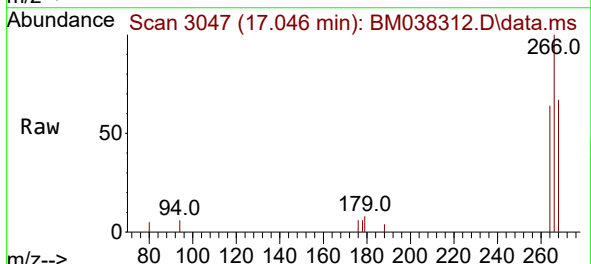


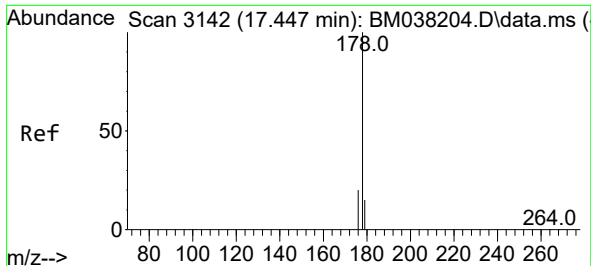
Tgt Ion:166 Resp: 8000
Ion Ratio Lower Upper
166 100
165 101.1 79.0 118.6
167 14.2 11.0 16.6



#14
Pentachlorophenol
Concen: 0.497 ng/ul
RT: 17.046 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM038312.D
Acq: 25 Dec 2022 18:56

Tgt Ion:266 Resp: 2326
Ion Ratio Lower Upper
266 100
264 62.5 49.9 74.9
268 64.3 51.2 76.8

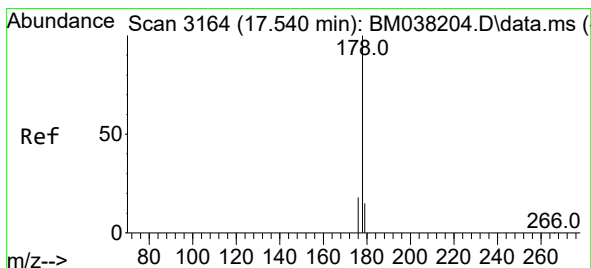
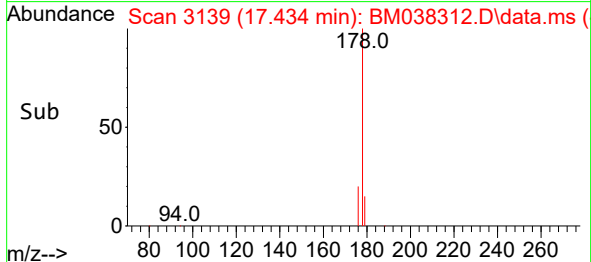
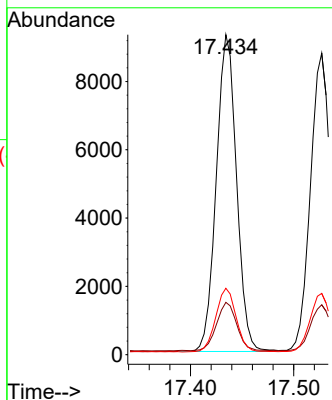
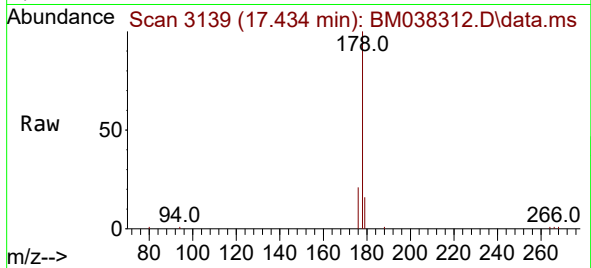




#15
Phenanthrene
Concen: 0.401 ng/ul
RT: 17.434 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM038312.D
Acq: 25 Dec 2022 18:56

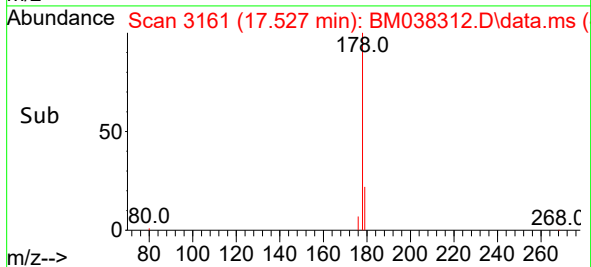
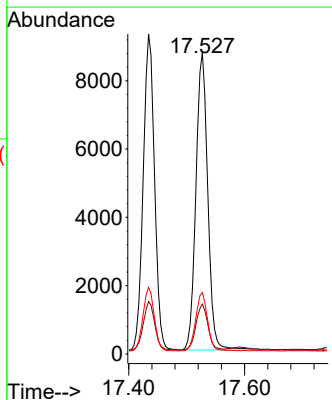
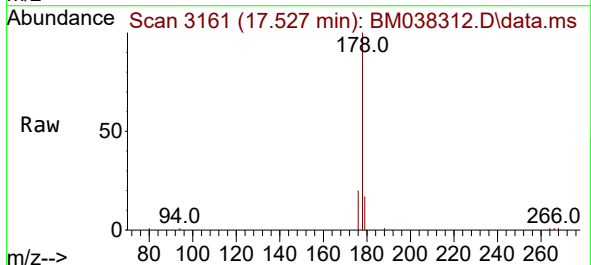
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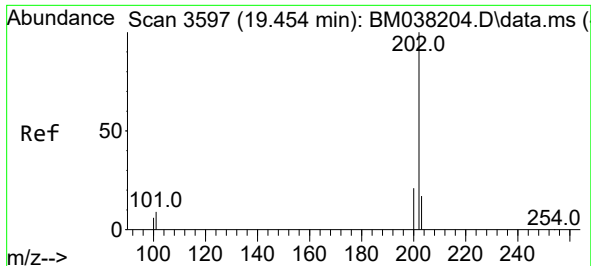
Tgt Ion:178 Resp: 12628
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 20.8 16.2 24.4



#16
Anthracene
Concen: 0.408 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038312.D
Acq: 25 Dec 2022 18:56

Tgt Ion:178 Resp: 12326
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 20.3 15.6 23.4

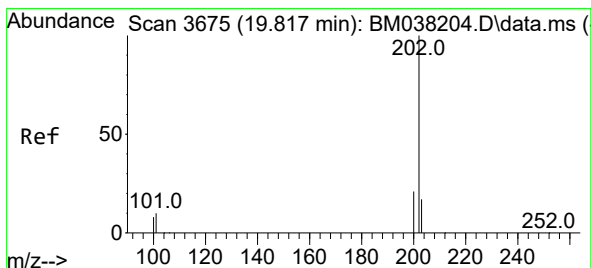
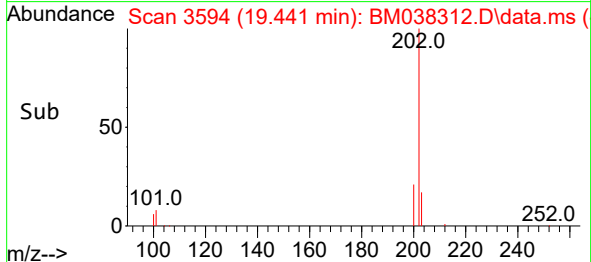
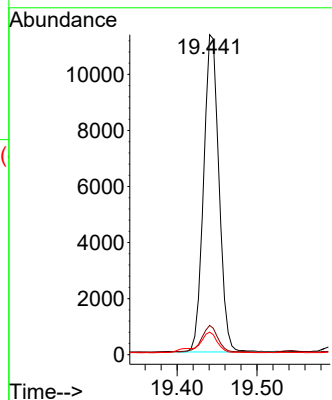
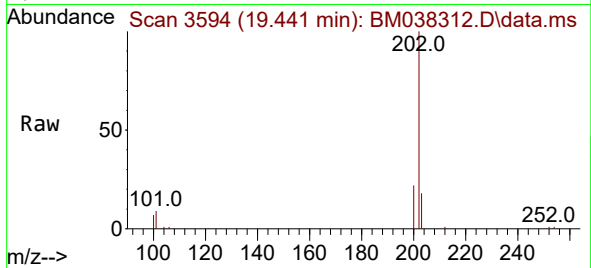




#19
Fluoranthene
Concen: 0.405 ng/ul
RT: 19.441 min Scan# 3594
Delta R.T. -0.009 min
Lab File: BM038312.D
Acq: 25 Dec 2022 18:56

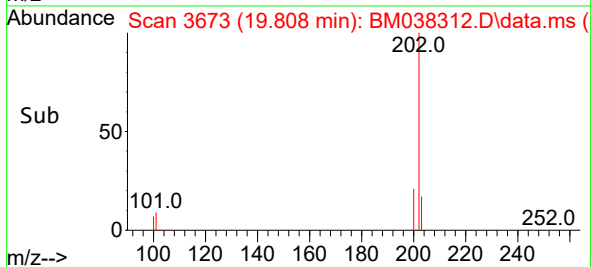
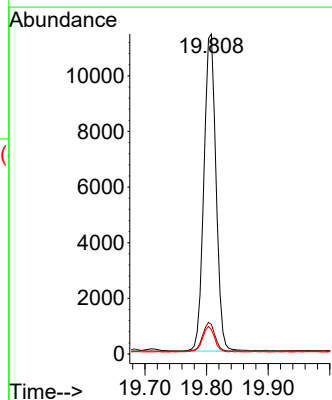
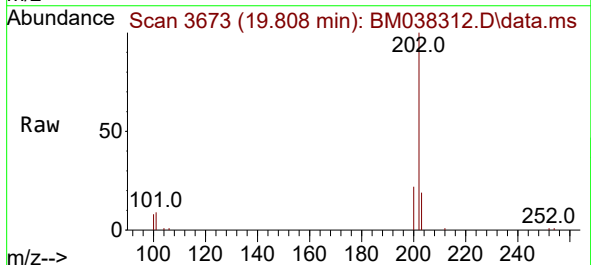
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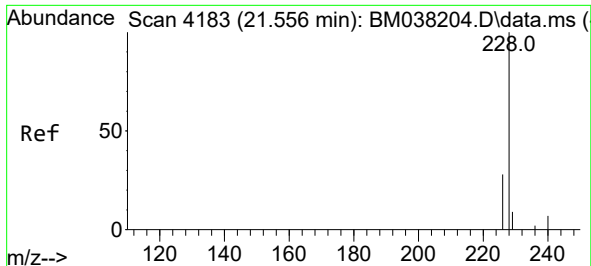
Tgt Ion:202 Resp: 15124
Ion Ratio Lower Upper
202 100
101 9.2 7.5 11.3
100 7.0 5.6 8.4



#20
Pyrene
Concen: 0.412 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.004 min
Lab File: BM038312.D
Acq: 25 Dec 2022 18:56

Tgt Ion:202 Resp: 15550
Ion Ratio Lower Upper
202 100
101 9.3 8.9 13.3
100 7.6 7.4 11.0

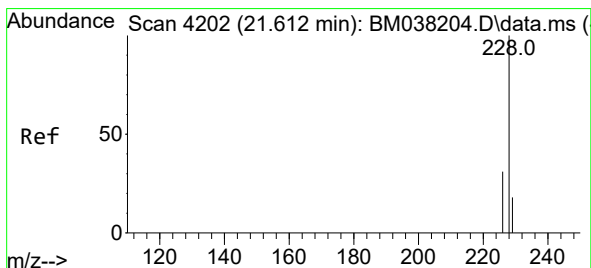
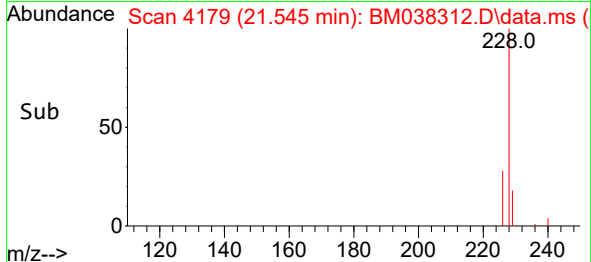
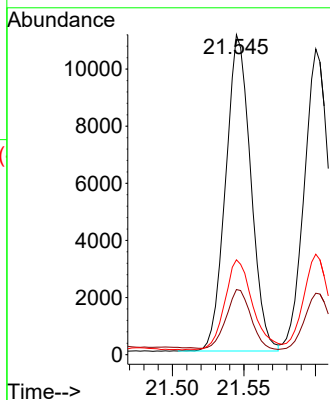
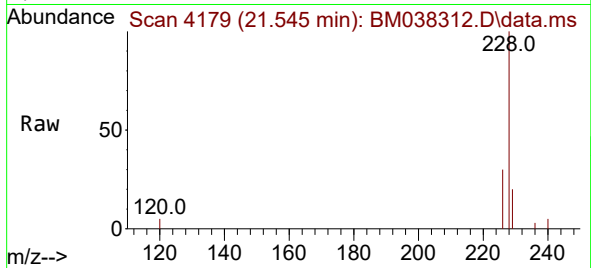




#21
Benzo(a)anthracene
Concen: 0.452 ng/ul
RT: 21.545 min Scan# 4183
Delta R.T. -0.006 min
Lab File: BM038312.D
Acq: 25 Dec 2022 18:56

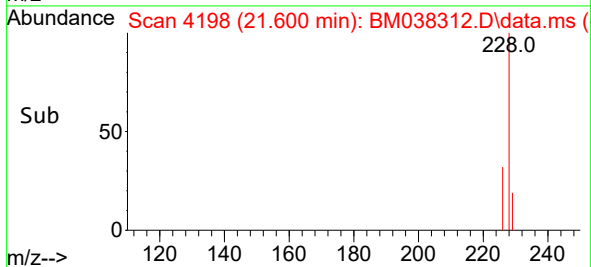
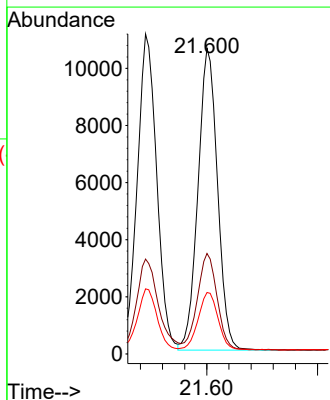
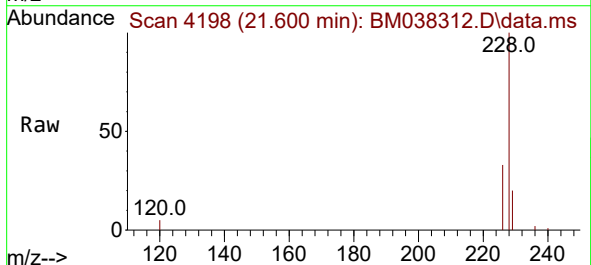
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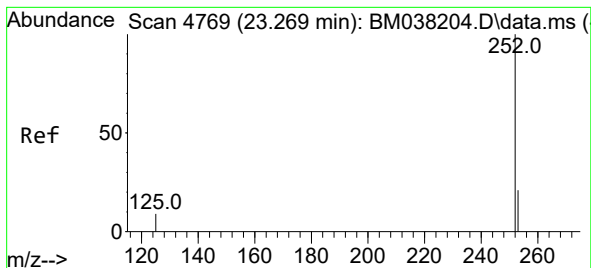
Tgt Ion:228 Resp: 13524
Ion Ratio Lower Upper
228 100
229 20.3 15.5 23.3
226 29.7 22.2 33.2



#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.600 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BM038312.D
Acq: 25 Dec 2022 18:56

Tgt Ion:228 Resp: 12900
Ion Ratio Lower Upper
228 100
226 32.8 25.0 37.4
229 20.1 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.424 ng/ul

RT: 23.257 min Scan# 4765

Delta R.T. -0.009 min

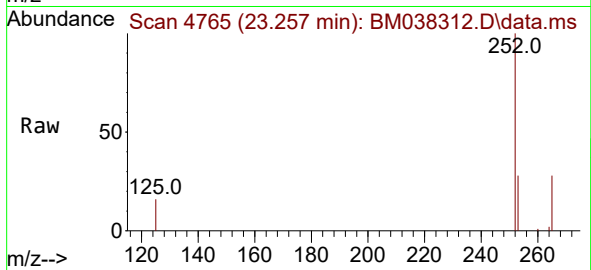
Lab File: BM038312.D

Acq: 25 Dec 2022 18:56

Instrument :

BNA_M

ClientSampleId :



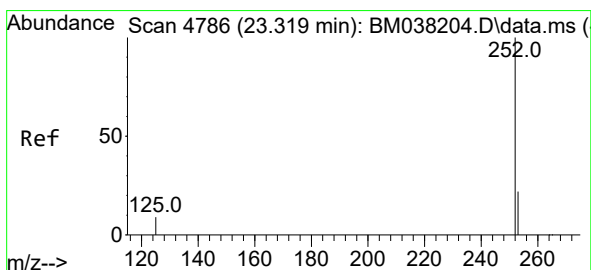
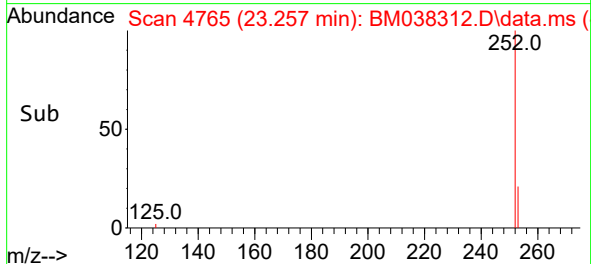
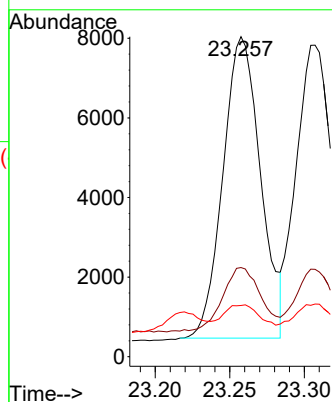
Tgt Ion:252 Resp: 13280

Ion Ratio Lower Upper

252 100

253 27.8 0.0 56.0

125 16.0 0.0 36.6



#25

Benzo(k)fluoranthene

Concen: 0.420 ng/ul

RT: 23.307 min Scan# 4782

Delta R.T. -0.006 min

Lab File: BM038312.D

Acq: 25 Dec 2022 18:56

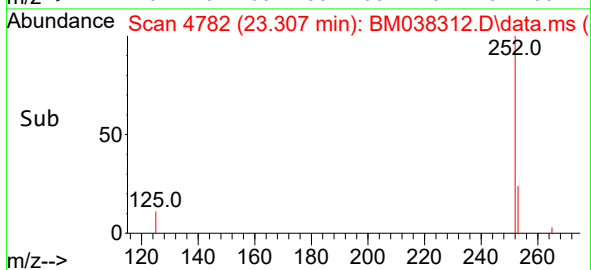
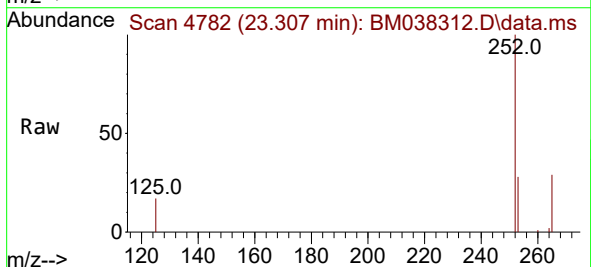
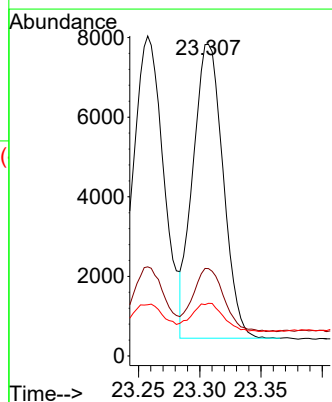
Tgt Ion:252 Resp: 12642

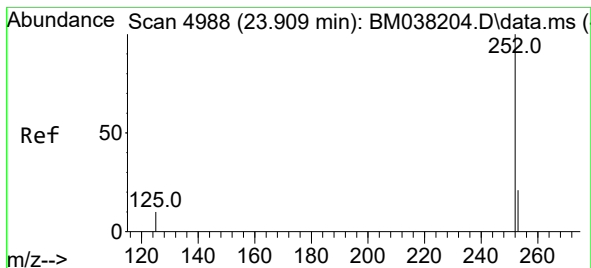
Ion Ratio Lower Upper

252 100

253 28.0 22.5 33.7

125 16.9 14.4 21.6





#26

Benzo(a)pyrene

Concen: 0.424 ng/ul

RT: 23.898 min Scan# 4988

Delta R.T. -0.009 min

Lab File: BM038312.D

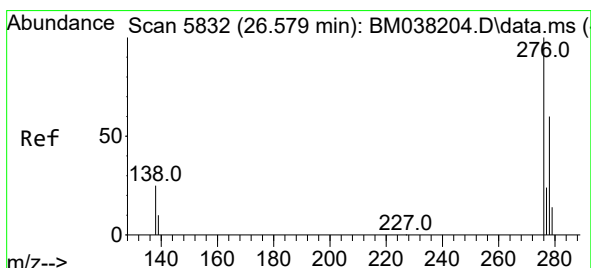
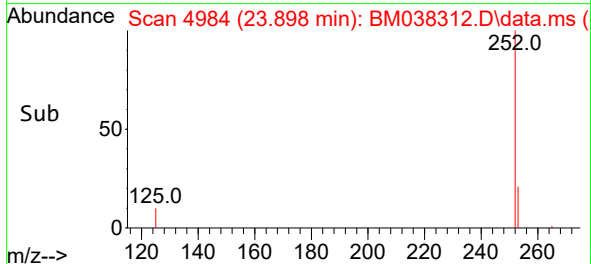
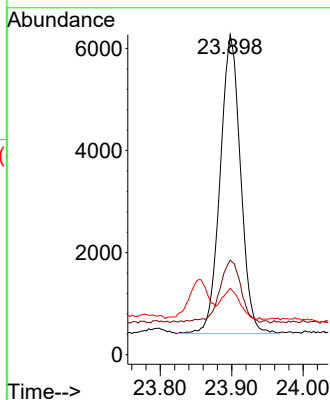
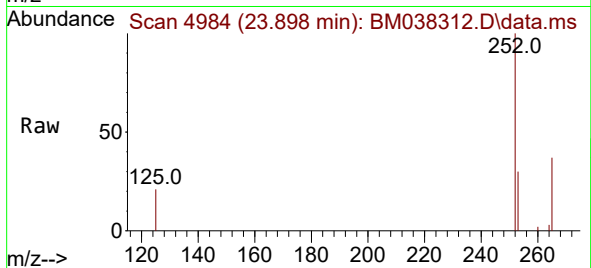
Acq: 25 Dec 2022 18:56

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	11587
Ion Ratio	Lower	Upper
252	100	
253	29.6	24.2 36.4
125	20.7	17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.384 ng/ul

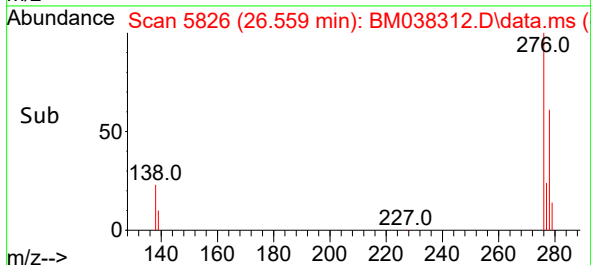
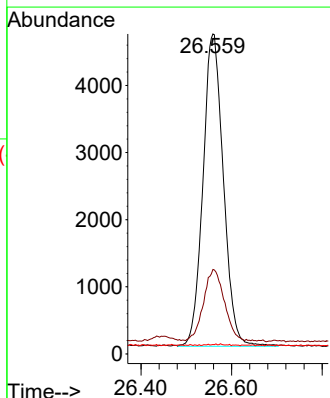
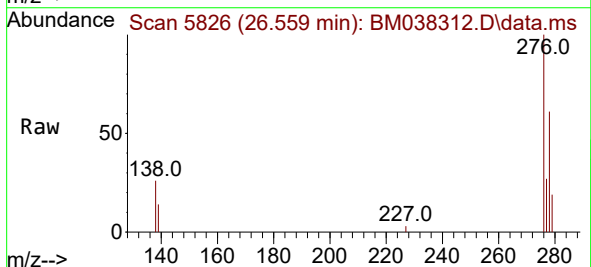
RT: 26.559 min Scan# 5826

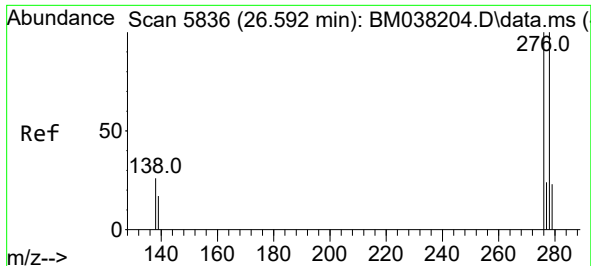
Delta R.T. -0.010 min

Lab File: BM038312.D

Acq: 25 Dec 2022 18:56

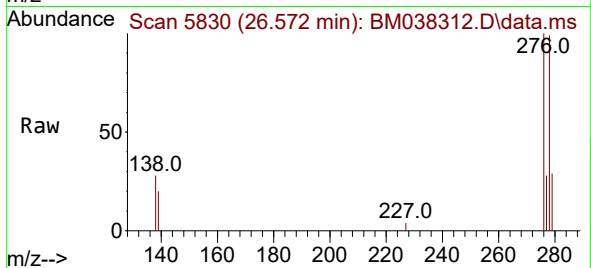
Tgt Ion:276	Resp:	14548
Ion Ratio	Lower	Upper
276	100	
138	23.4	21.7 32.5
227	0.1	0.0 0.0#



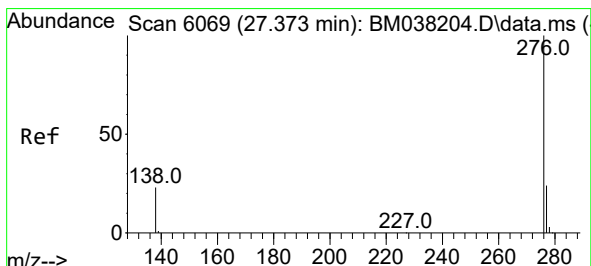
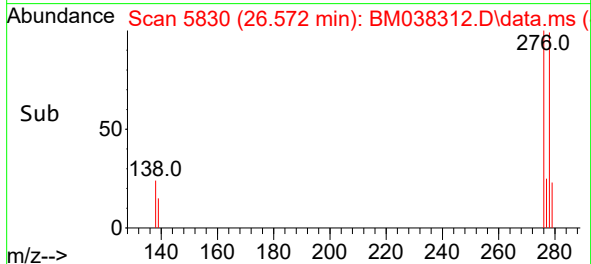
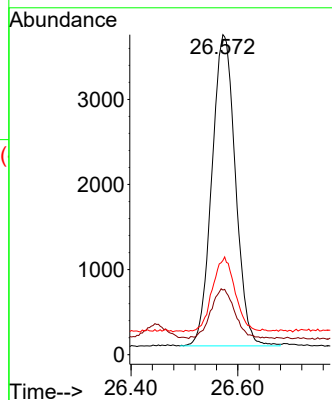


#28
Dibenzo(a,h)anthracene
Concen: 0.380 ng/ul
RT: 26.572 min Scan# 5836
Delta R.T. -0.017 min
Lab File: BM038312.D
Acq: 25 Dec 2022 18:56

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 11183
Ion Ratio Lower Upper
278 100
139 20.2 16.8 25.2
279 29.4 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 27.347 min Scan# 6061
Delta R.T. -0.013 min
Lab File: BM038312.D
Acq: 25 Dec 2022 18:56

Tgt Ion:276 Resp: 11962
Ion Ratio Lower Upper
276 100
138 25.1 20.8 31.2
277 26.3 20.5 30.7

