

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072623\
 Data File : BM041130.D
 Acq On : 26 Jul 2023 11:43
 Operator : MA/JU
 Sample : 03553-11MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 27 01:18:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 04:20:13 2023
 Response via : Initial Calibration

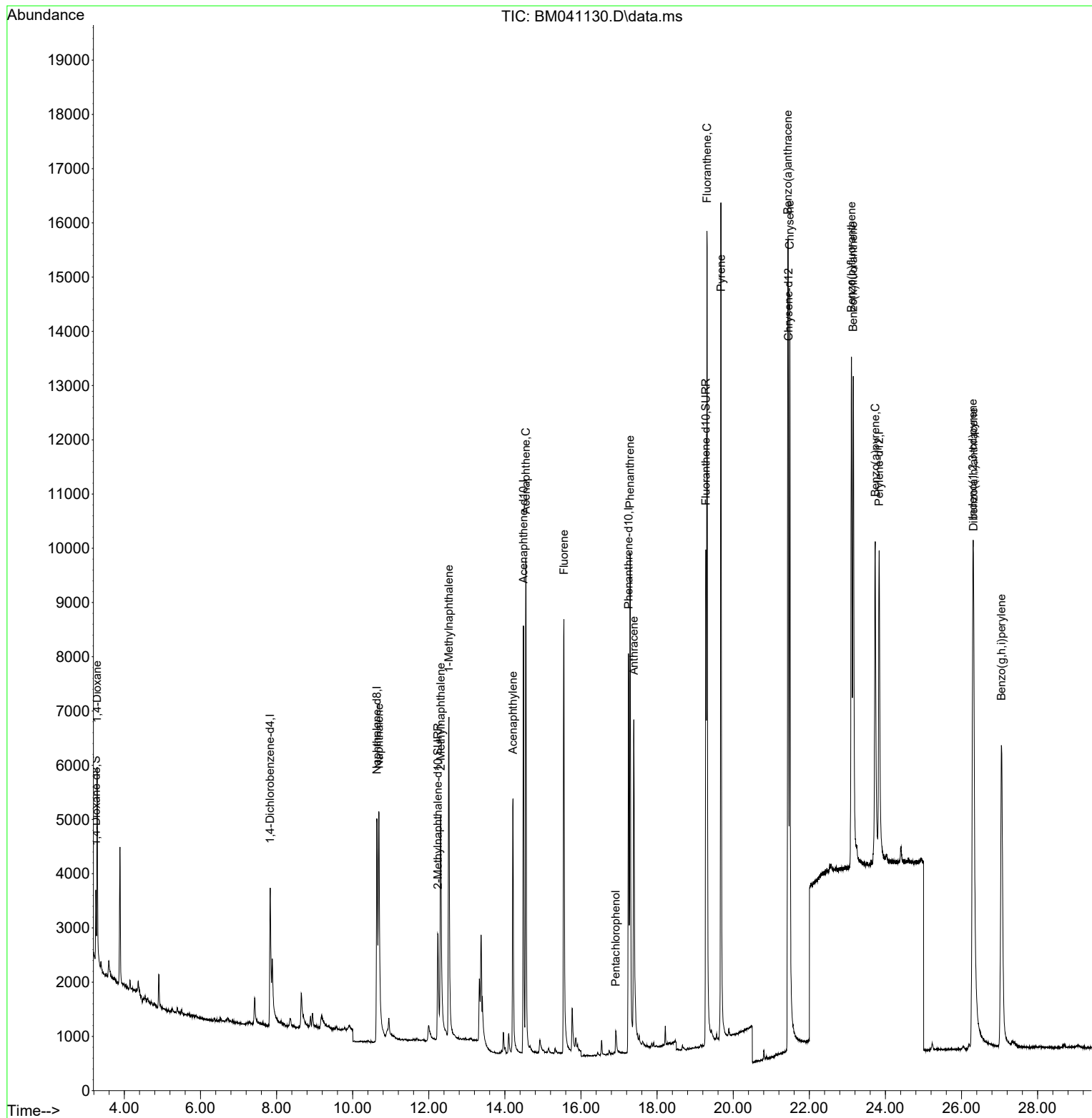
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	2370	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	8534	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.490	164	4741	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.249	188	10088	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	9377	0.400	ng/ul	0.00
23) Perylene-d12	23.836	264	9249	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	858	0.235	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	4231	0.347	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	11699	0.458	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.284	88	2225	0.596	ng/ul#	55
5) Naphthalene	10.691	128	8014	0.289	ng/ul	99
7) 2-Methylnaphthalene	12.313	142	4651	0.342	ng/ul	99
8) 1-Methylnaphthalene	12.528	142	5065	0.362	ng/ul	100
10) Acenaphthylene	14.213	152	6748	0.337	ng/ul	99
11) Acenaphthene	14.550	153	5754	0.341	ng/ul	99
12) Fluorene	15.550	166	6430	0.349	ng/ul	100
14) Pentachlorophenol	16.915	266	418	0.142	ng/ul	97
15) Phenanthrene	17.291	178	11006	0.354	ng/ul	99
16) Anthracene	17.388	178	8908	0.354	ng/ul	99
19) Fluoranthene	19.315	202	14241	0.424	ng/ul	98
20) Pyrene	19.678	202	15133	0.408	ng/ul	99
21) Benzo(a)anthracene	21.437	228	12323	0.393	ng/ul	100
22) Chrysene	21.486	228	13621	0.376	ng/ul	99
24) Benzo(b)fluoranthene	23.108	252	14119	0.383	ng/ul	99
25) Benzo(k)fluoranthene	23.155	252	13618	0.387	ng/ul	100
26) Benzo(a)pyrene	23.731	252	11349	0.380	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.297	276	16408	0.371	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.317	278	12911	0.372	ng/ul	99
29) Benzo(g,h,i)perylene	27.048	276	14526	0.368	ng/ul	99

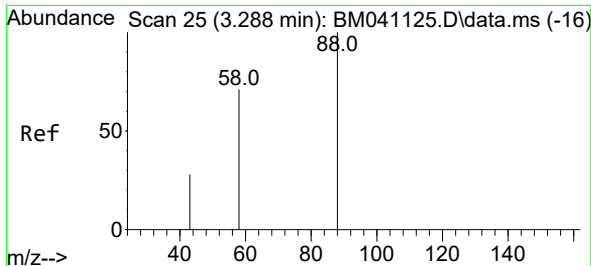
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_M
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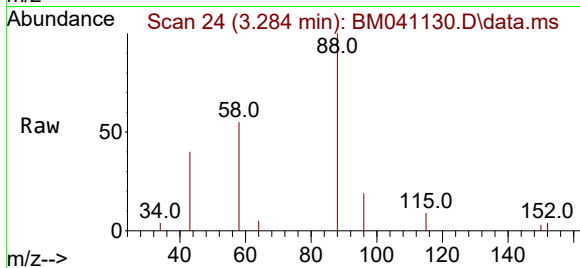
Quant Time: Jul 27 01:18:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration



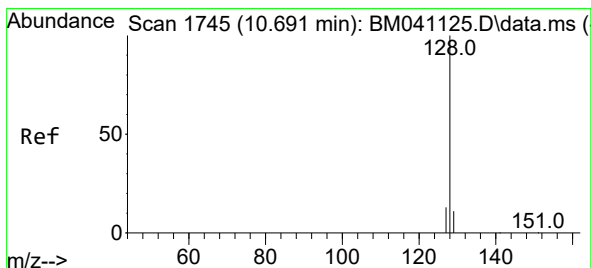
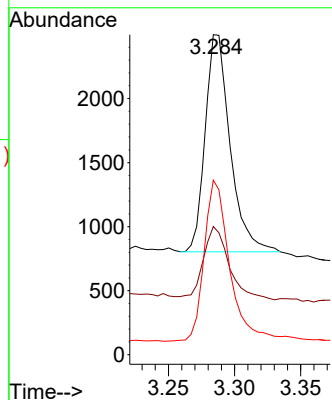
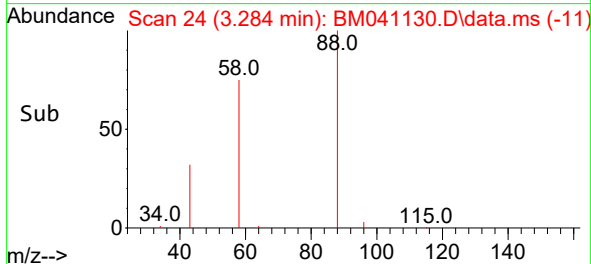


#2
1,4-Dioxane
Concen: 0.596 ng/ul
RT: 3.284 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

Instrument :
BNA_M
ClientSampleId :

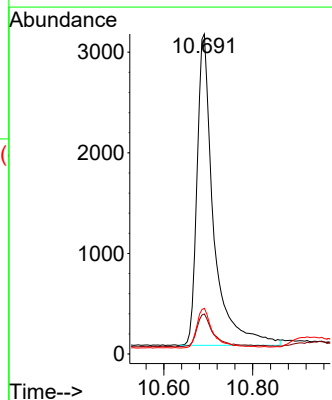
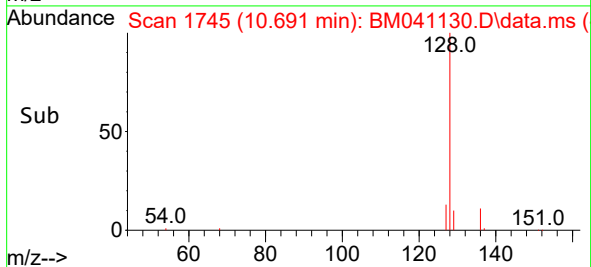
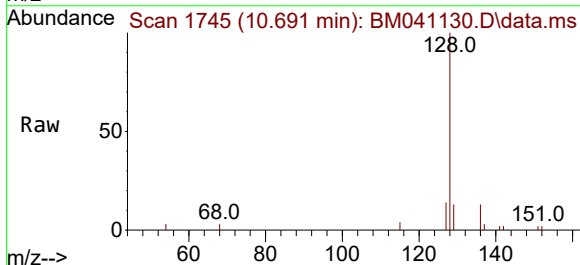


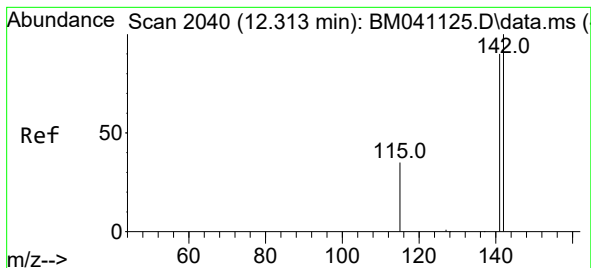
Tgt Ion: 88 Resp: 2225
Ion Ratio Lower Upper
88 100
43 40.1 83.1 124.7#
58 54.5 38.8 58.2



#5
Naphthalene
Concen: 0.289 ng/ul
RT: 10.691 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

Tgt Ion: 128 Resp: 8014
Ion Ratio Lower Upper
128 100
129 12.5 9.8 14.8
127 14.3 11.1 16.7

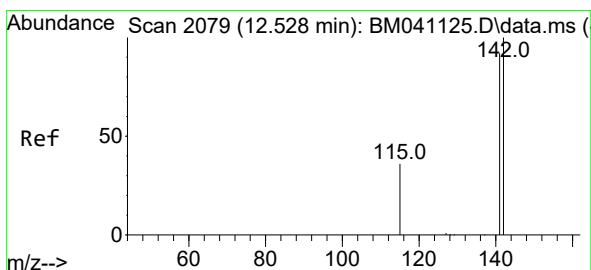
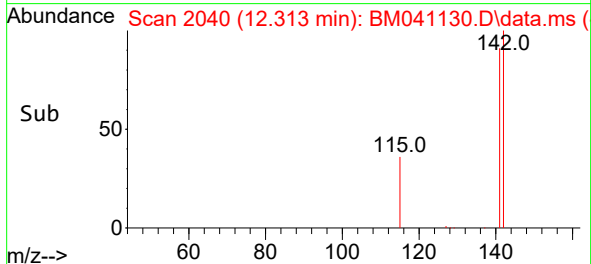
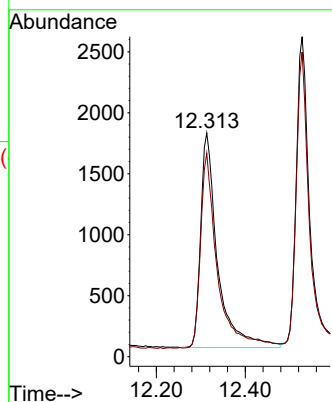
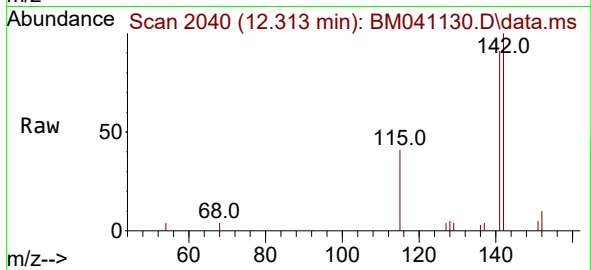




#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.313 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

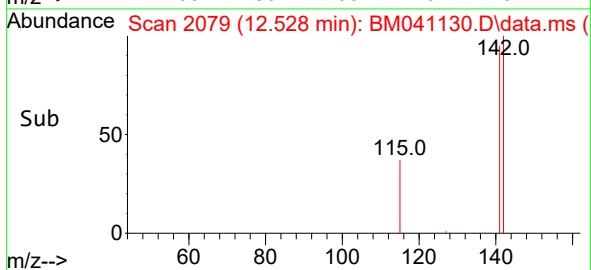
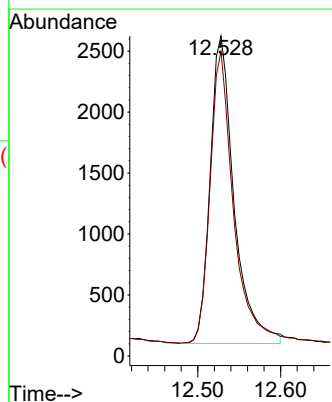
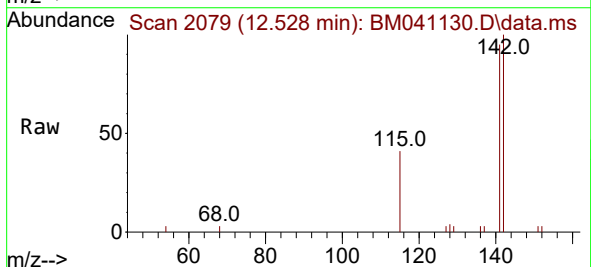
Instrument :
BNA_M
ClientSampleId :

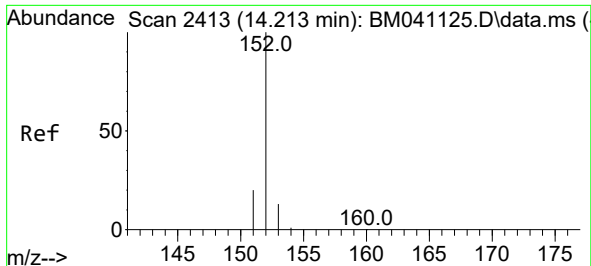
Tgt Ion:142 Resp: 4651
Ion Ratio Lower Upper
142 100
141 90.3 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

Tgt Ion:142 Resp: 5065
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4

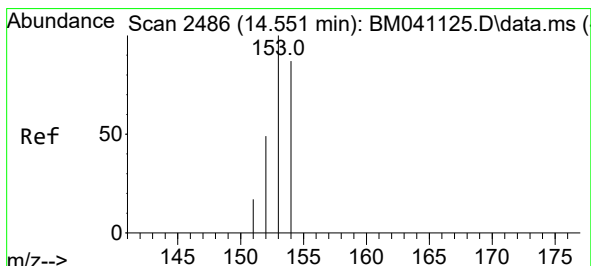
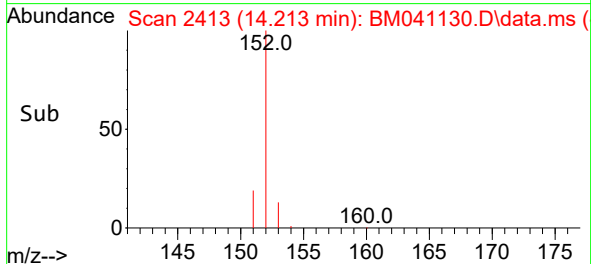
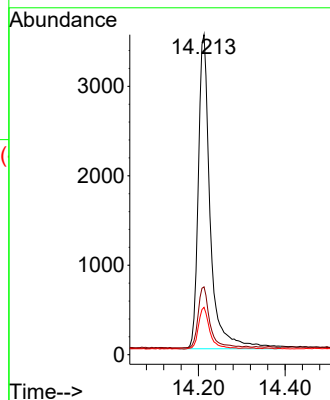
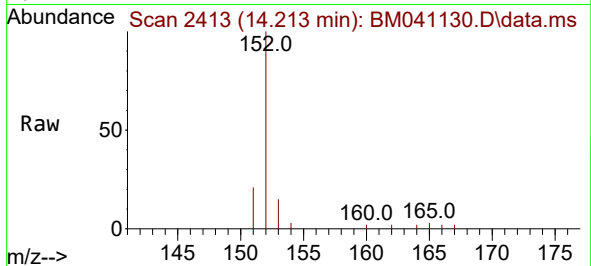




#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 14.213 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

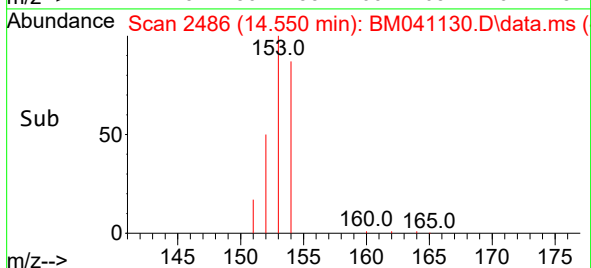
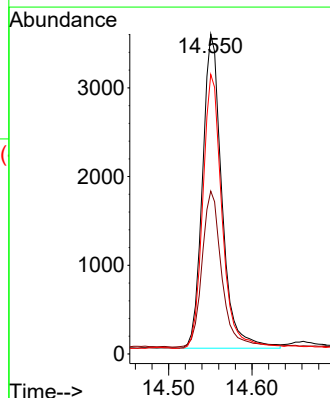
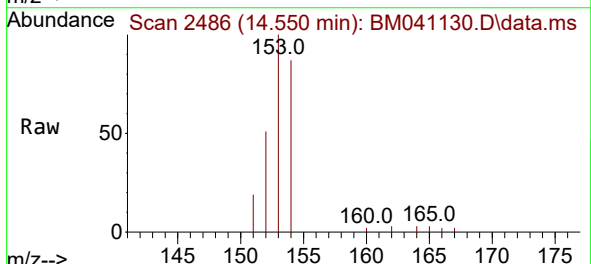
Instrument :
BNA_M
ClientSampleId :

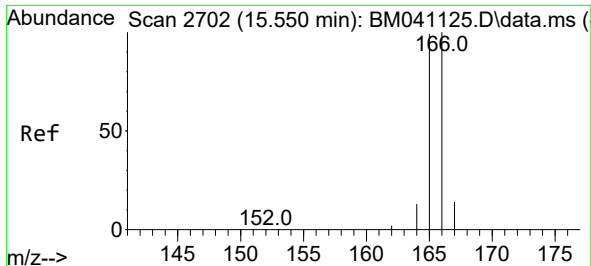
Tgt Ion:152 Resp: 6748
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2
153 14.8 11.4 17.2



#11
Acenaphthene
Concen: 0.341 ng/ul
RT: 14.550 min Scan# 2486
Delta R.T. -0.005 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

Tgt Ion:153 Resp: 5754
Ion Ratio Lower Upper
153 100
152 50.9 40.2 60.4
154 87.3 70.3 105.5

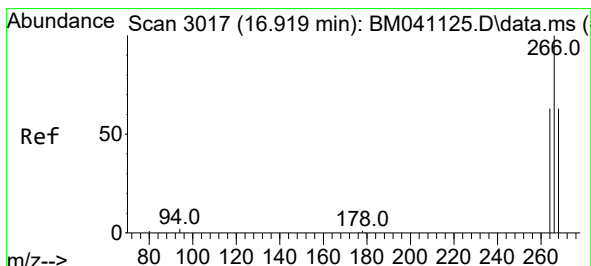
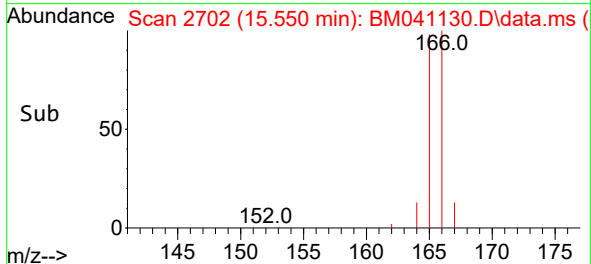
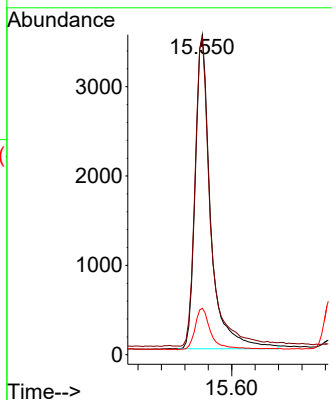
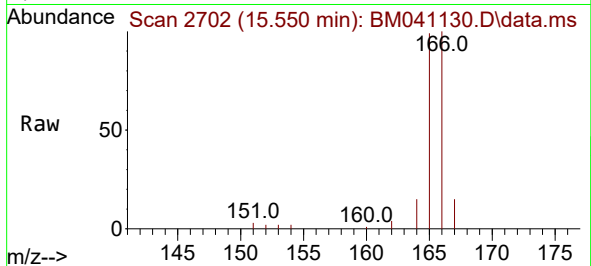




#12
Fluorene
Concen: 0.349 ng/ul
RT: 15.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

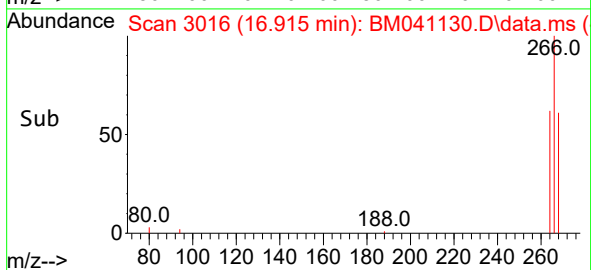
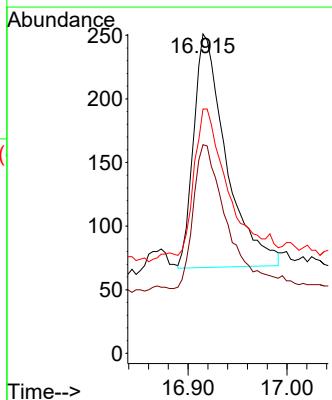
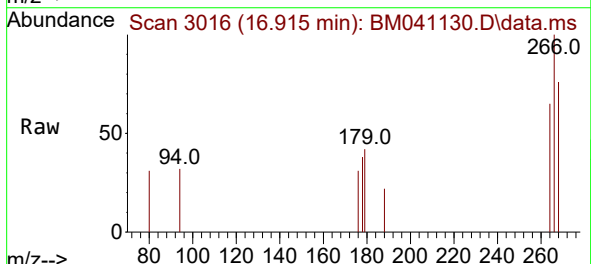
Instrument :
BNA_M
ClientSampleId :

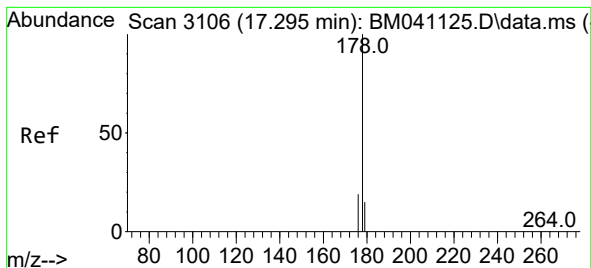
Tgt Ion:166 Resp: 6430
Ion Ratio Lower Upper
166 100
165 99.0 79.4 119.0
167 14.5 11.4 17.2



#14
Pentachlorophenol
Concen: 0.142 ng/ul
RT: 16.915 min Scan# 3016
Delta R.T. 0.000 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

Tgt Ion:266 Resp: 418
Ion Ratio Lower Upper
266 100
264 63.6 49.2 73.8
268 65.3 49.9 74.9





#15

Phenanthrene

Concen: 0.354 ng/ul

RT: 17.291 min Scan# 3106

Delta R.T. -0.004 min

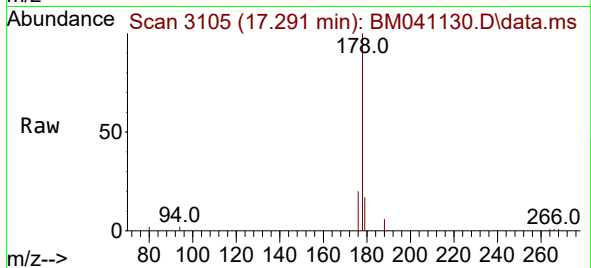
Lab File: BM041130.D

Acq: 26 Jul 2023 11:43

Instrument :

BNA_M

ClientSampleId :



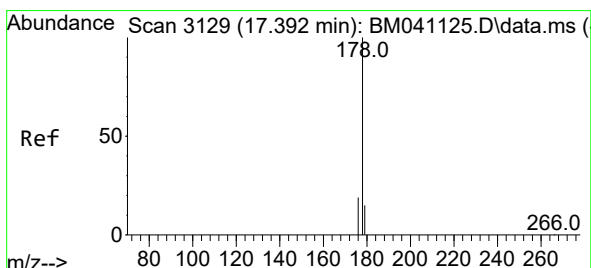
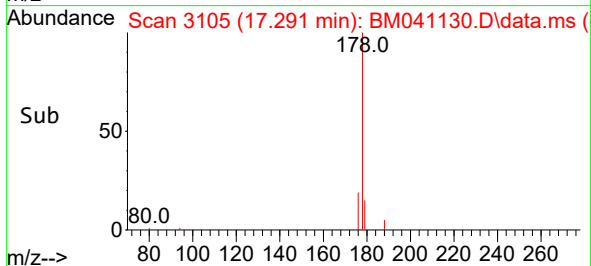
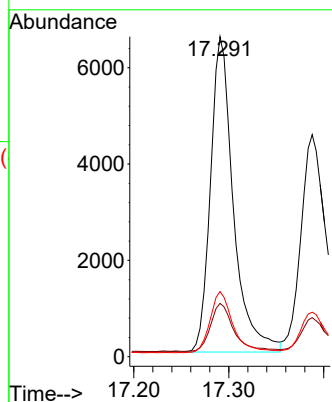
Tgt Ion:178 Resp: 11006

Ion Ratio Lower Upper

178 100

179 16.7 13.4 20.2

176 20.4 16.0 24.0



#16

Anthracene

Concen: 0.354 ng/ul

RT: 17.388 min Scan# 3128

Delta R.T. -0.004 min

Lab File: BM041130.D

Acq: 26 Jul 2023 11:43

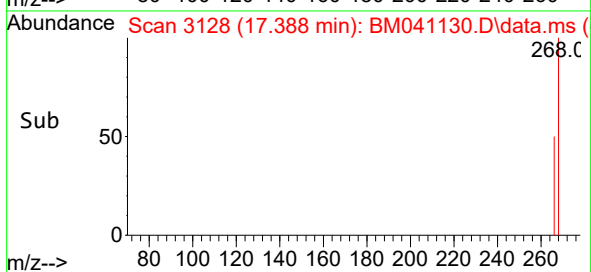
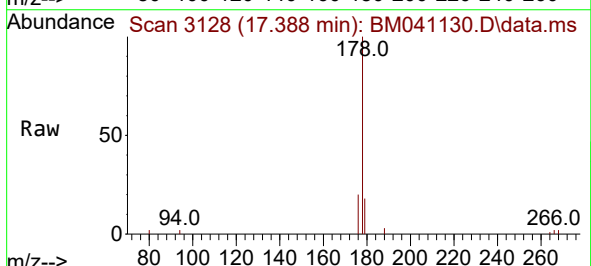
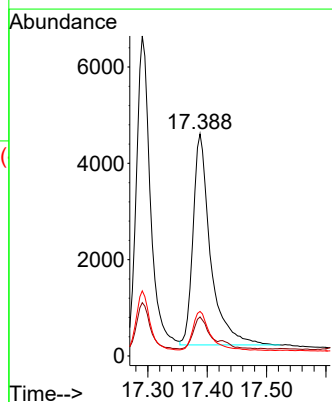
Tgt Ion:178 Resp: 8908

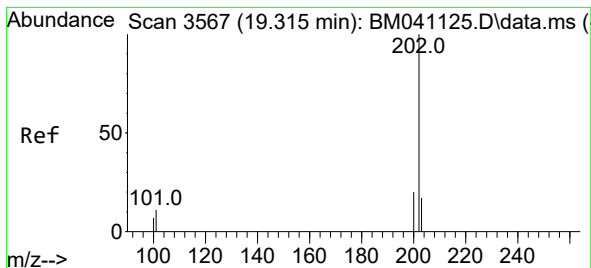
Ion Ratio Lower Upper

178 100

179 17.6 13.6 20.4

176 20.1 16.0 24.0





#19

Fluoranthene

Concen: 0.424 ng/ul

RT: 19.315 min Scan# 3567

Delta R.T. 0.000 min

Lab File: BM041130.D

Acq: 26 Jul 2023 11:43

Instrument :

BNA_M

ClientSampleId :

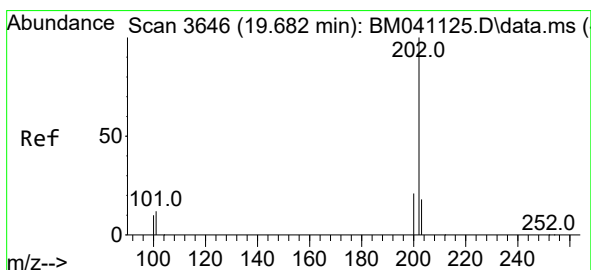
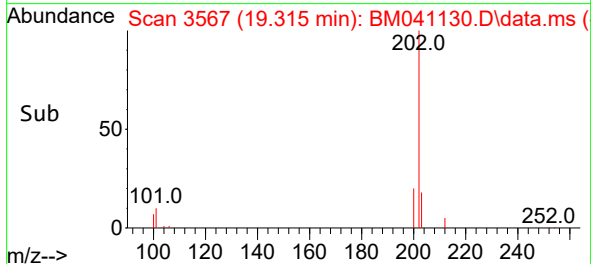
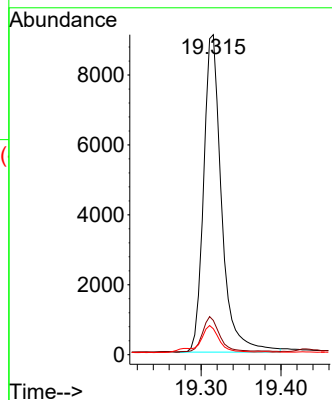
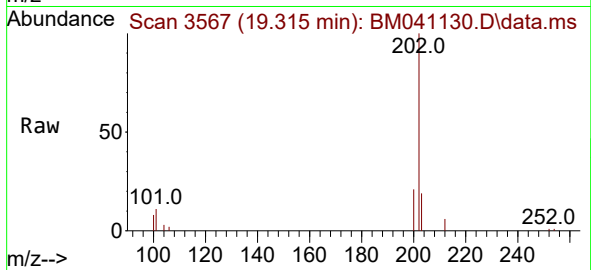
Tgt Ion:202 Resp: 14241

Ion Ratio Lower Upper

202 100

101 10.7 9.4 14.0

100 8.1 7.1 10.7



#20

Pyrene

Concen: 0.408 ng/ul

RT: 19.678 min Scan# 3645

Delta R.T. -0.005 min

Lab File: BM041130.D

Acq: 26 Jul 2023 11:43

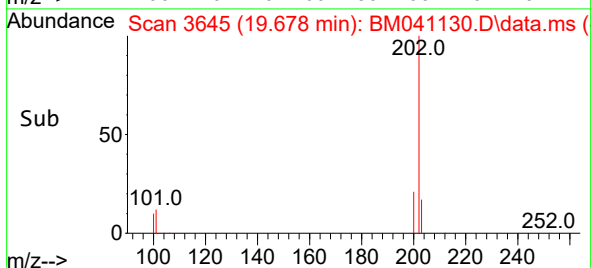
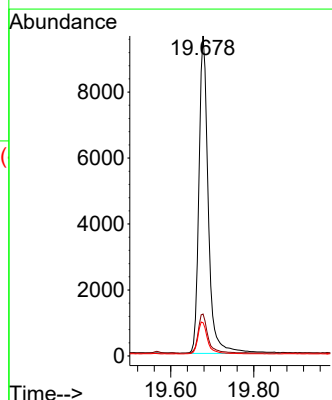
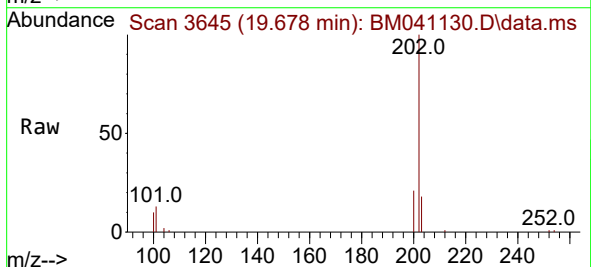
Tgt Ion:202 Resp: 15133

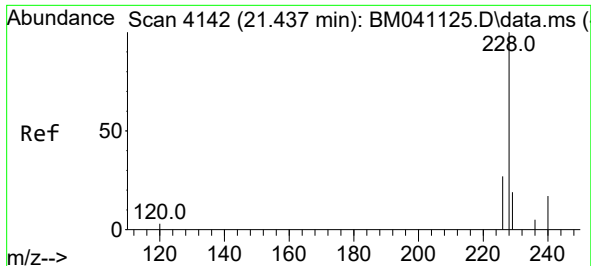
Ion Ratio Lower Upper

202 100

101 13.1 10.7 16.1

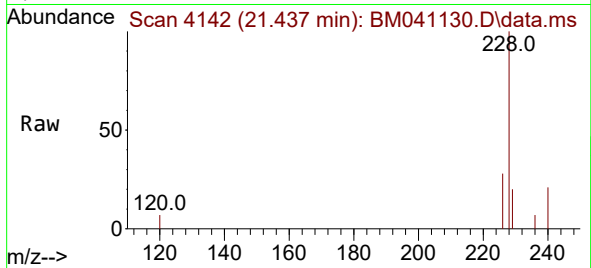
100 10.4 8.5 12.7



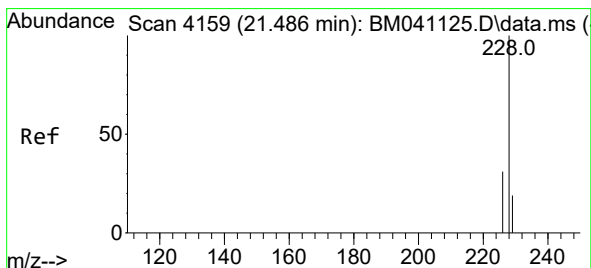
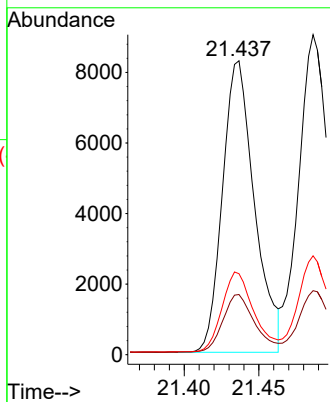
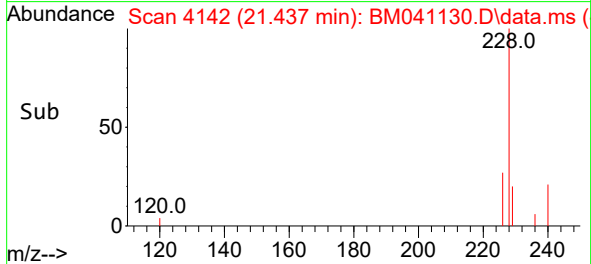


#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.437 min Scan# 4142
Delta R.T. 0.003 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

Instrument :
BNA_M
ClientSampleId :

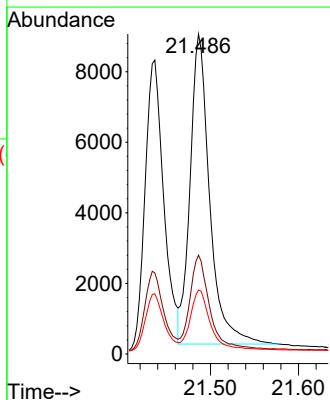
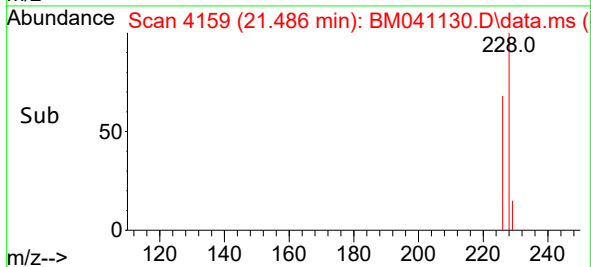
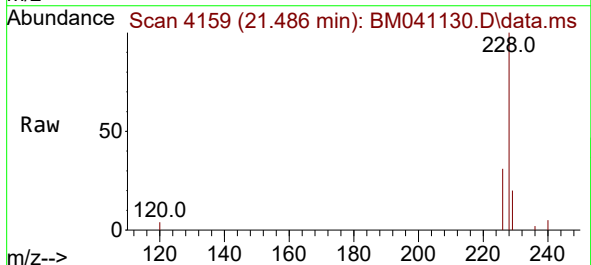


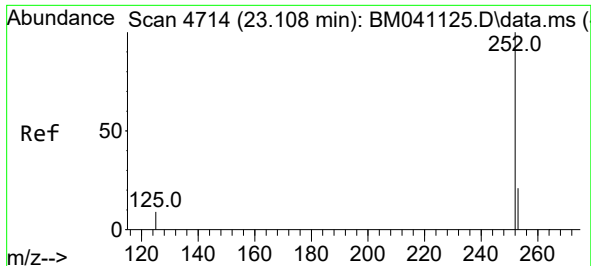
Tgt Ion:228 Resp: 12323
Ion Ratio Lower Upper
228 100
229 20.5 16.5 24.7
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. 0.000 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

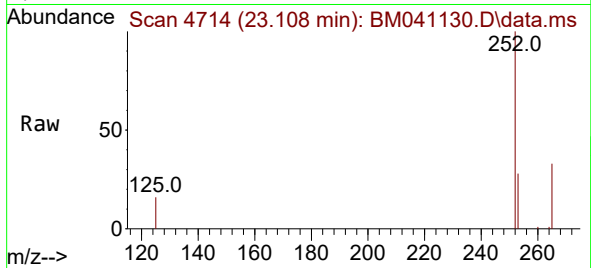
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Ion Ratio Lower Upper
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226 30.9 24.2 36.4
229 20.0 15.9 23.9



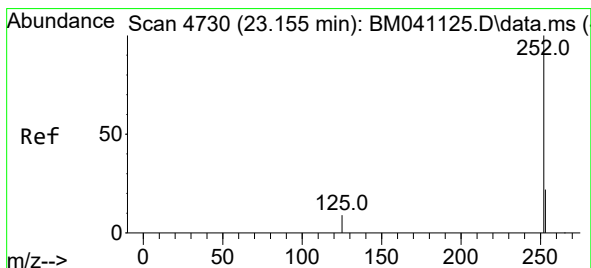
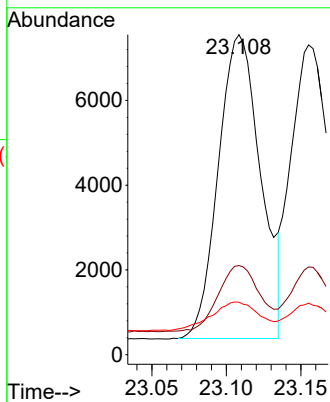
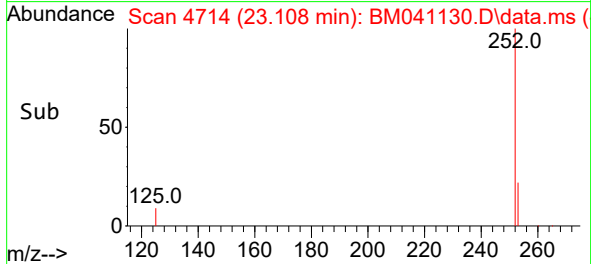


#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul
RT: 23.108 min Scan# 4714
Delta R.T. 0.003 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

Instrument :
BNA_M
ClientSampleId :

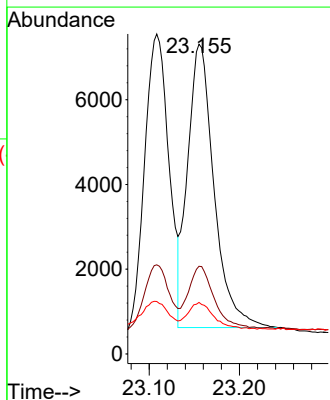
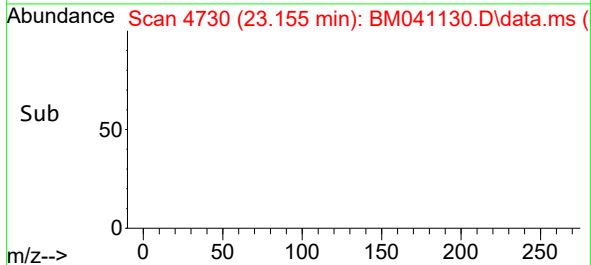
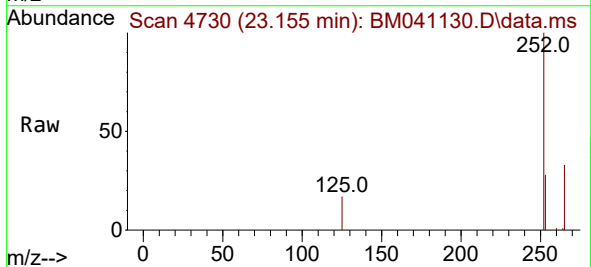


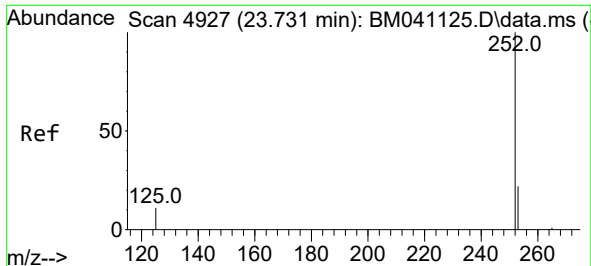
Tgt Ion:252 Resp: 14119
Ion Ratio Lower Upper
252 100
253 27.9 0.0 57.6
125 16.4 0.0 33.6



#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul
RT: 23.155 min Scan# 4730
Delta R.T. 0.000 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

Tgt Ion:252 Resp: 13618
Ion Ratio Lower Upper
252 100
253 28.3 22.8 34.2
125 16.6 13.5 20.3

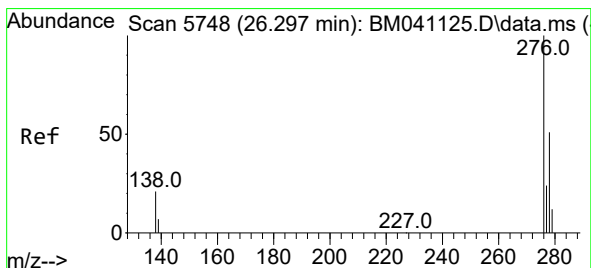
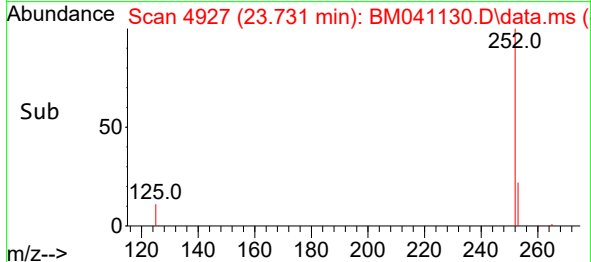
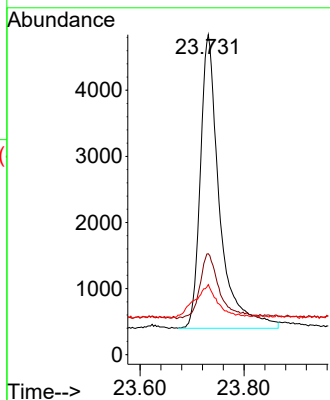
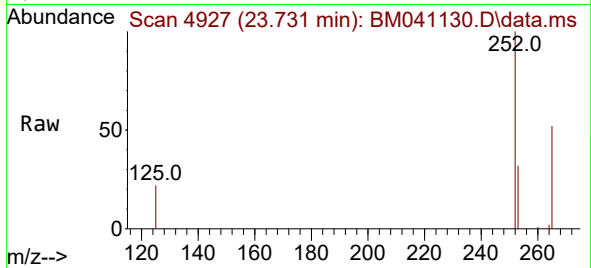




#26
Benzo(a)pyrene
Concen: 0.380 ng/ul
RT: 23.731 min Scan# 4927
Delta R.T. 0.003 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

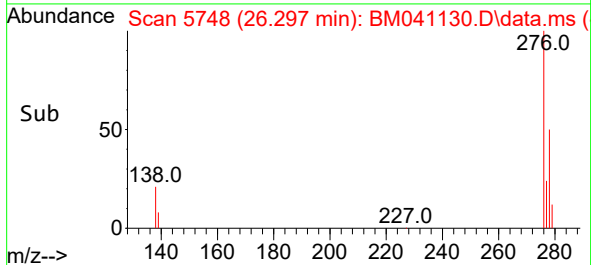
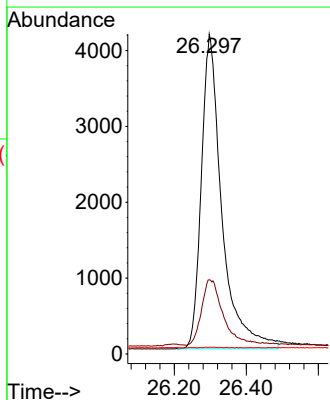
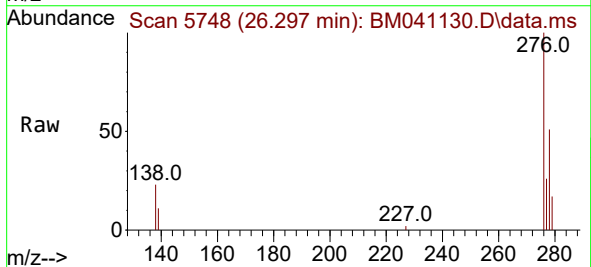
Instrument :
BNA_M
ClientSampleId :

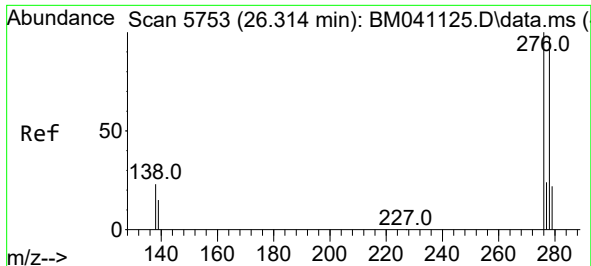
Tgt Ion:252 Resp: 11349
Ion Ratio Lower Upper
252 100
253 31.6 26.7 40.1
125 21.9 18.1 27.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng/ul
RT: 26.297 min Scan# 5748
Delta R.T. 0.000 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

Tgt Ion:276 Resp: 16408
Ion Ratio Lower Upper
276 100
138 22.6 18.1 27.1
227 0.0 0.2 0.2#

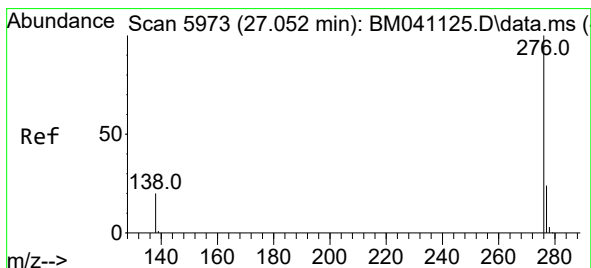
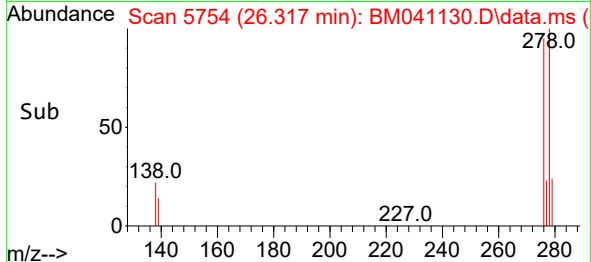
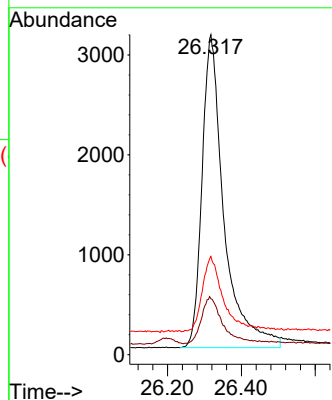
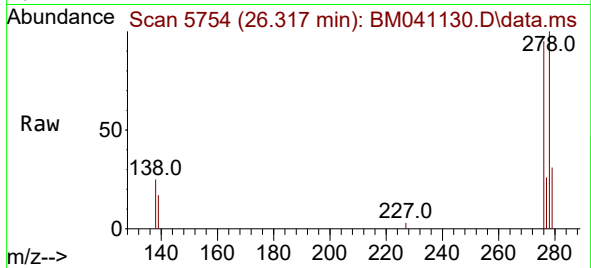




#28
Dibenzo(a,h)anthracene
Concen: 0.372 ng/ul
RT: 26.317 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 12911
Ion Ratio Lower Upper
278 100
139 17.5 14.1 21.1
279 30.7 25.0 37.4



#29
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 27.048 min Scan# 5972
Delta R.T. -0.003 min
Lab File: BM041130.D
Acq: 26 Jul 2023 11:43

Tgt Ion:276 Resp: 14526
Ion Ratio Lower Upper
276 100
138 22.2 18.2 27.2
277 25.9 20.6 30.8

