

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072623\
 Data File : BM041142.D
 Acq On : 26 Jul 2023 19:12
 Operator : MA/JU
 Sample : PB154145BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 27 01:19:26 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)

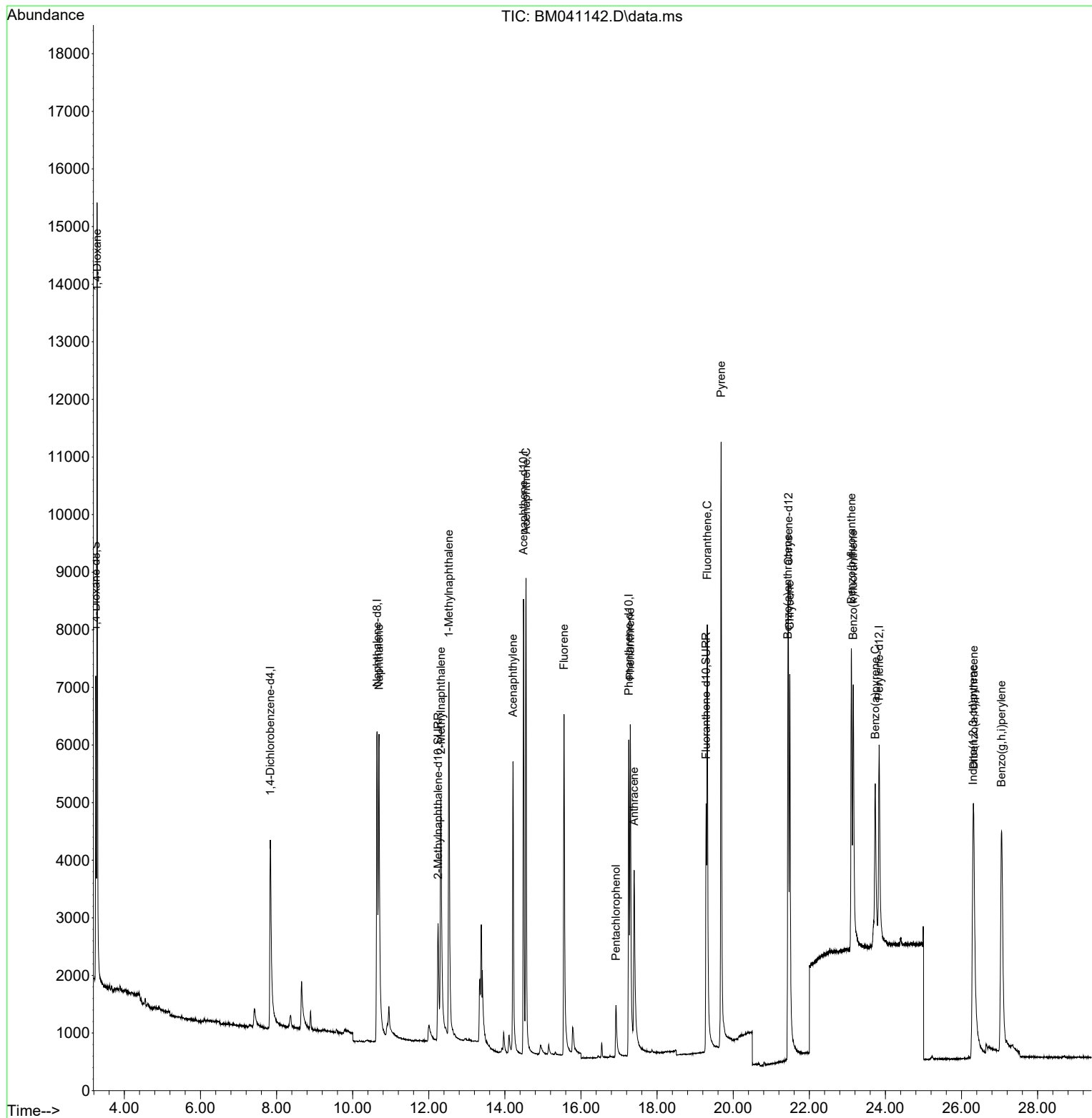
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	3329	0.400	ng/ul	0.00
4) Naphthalene-d8	10.642	136	10774	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.490	164	4747	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	7996	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	6030	0.400	ng/ul	# 0.00
23) Perylene-d12	23.836	264	5649	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	2983	0.581	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	4430	0.288	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	5992	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.284	88	8271	1.576	ng/ul#	44
5) Naphthalene	10.691	128	9487	0.271	ng/ul	100
7) 2-Methylnaphthalene	12.319	142	5097	0.297	ng/ul	99
8) 1-Methylnaphthalene	12.528	142	5474	0.310	ng/ul	99
10) Acenaphthylene	14.213	152	7213	0.360	ng/ul	99
11) Acenaphthene	14.555	153	5441	0.322	ng/ul	98
12) Fluorene	15.554	166	5330	0.289	ng/ul	98
14) Pentachlorophenol	16.919	266	974	0.419	ng/ul	97
15) Phenanthrene	17.295	178	7451	0.302	ng/ul	98
16) Anthracene	17.396	178	5718	0.287	ng/ul	96
19) Fluoranthene	19.320	202	7762	0.359	ng/ul#	95
20) Pyrene	19.682	202	11464	0.481	ng/ul	98
21) Benzo(a)anthracene	21.436	228	5990	0.297	ng/ul	99
22) Chrysene	21.486	228	7180	0.308	ng/ul	98
24) Benzo(b)fluoranthene	23.105	252	7384	0.328	ng/ul	96
25) Benzo(k)fluoranthene	23.155	252	7278	0.339	ng/ul#	94
26) Benzo(a)pyrene	23.731	252	6088	0.334	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.300	276	8379	0.310	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.320	278	6613	0.312	ng/ul#	95
29) Benzo(g,h,i)perylene	27.051	276	11068	0.459	ng/ul	97

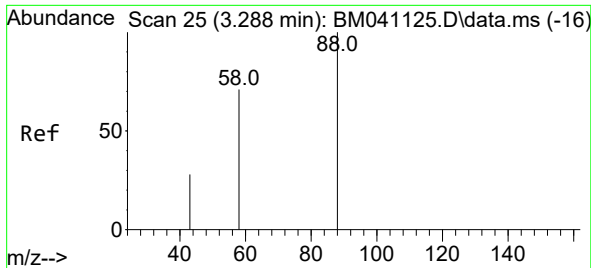
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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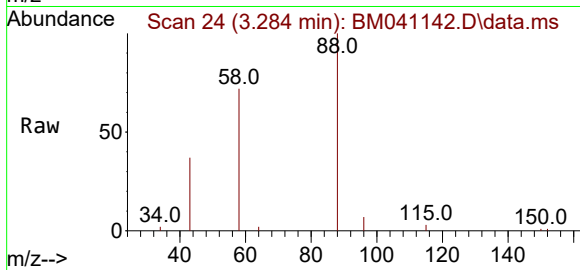
Quant Time: Jul 27 01:19:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration



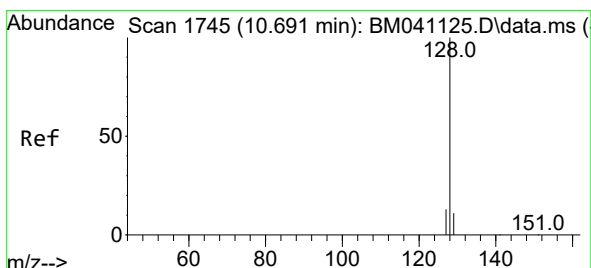
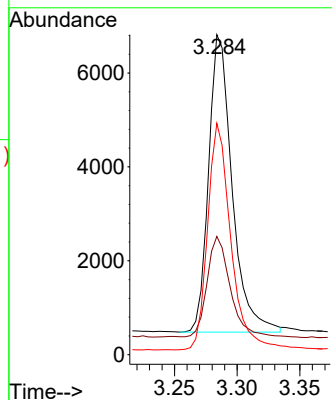
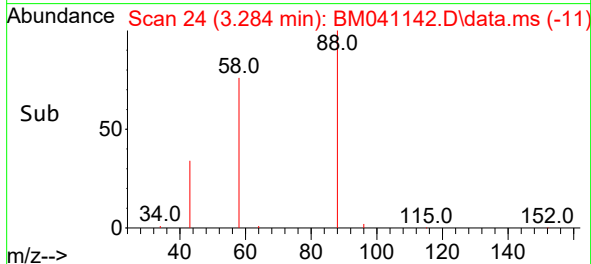


#2
1,4-Dioxane
Concen: 1.576 ng/ul
RT: 3.284 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM041142.D
Acq: 26 Jul 2023 19:12

Instrument :
BNA_M
ClientSampleId :

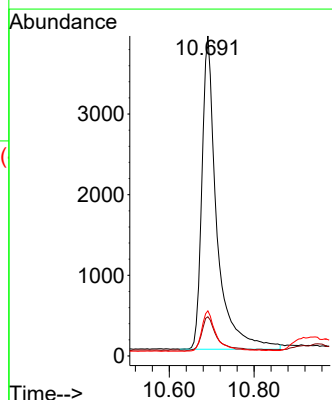
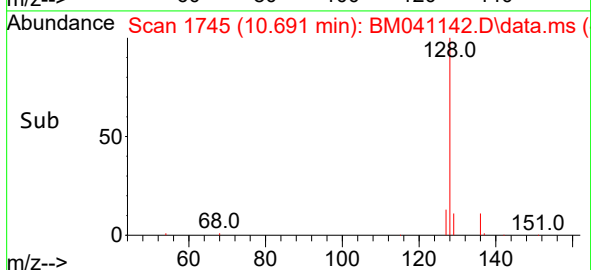
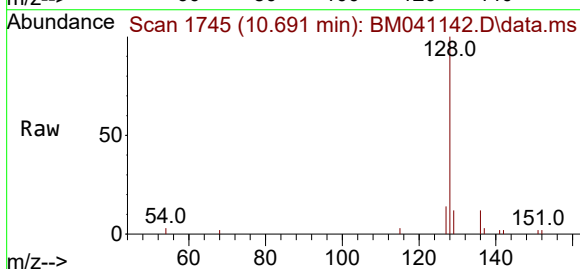


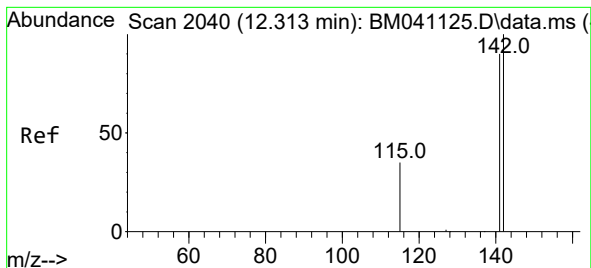
Tgt Ion: 88 Resp: 8271
Ion Ratio Lower Upper
88 100
43 36.9 83.1 124.7#
58 72.3 38.8 58.2#



#5
Naphthalene
Concen: 0.271 ng/ul
RT: 10.691 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM041142.D
Acq: 26 Jul 2023 19:12

Tgt Ion: 128 Resp: 9487
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.8
127 14.1 11.1 16.7

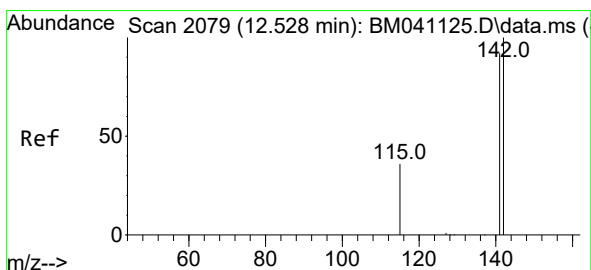
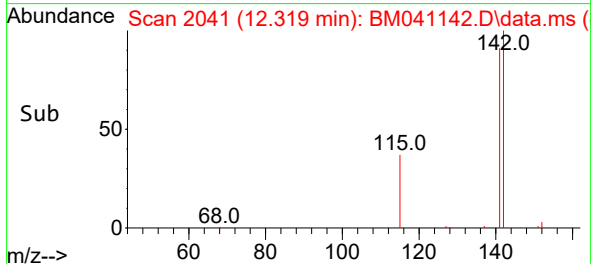
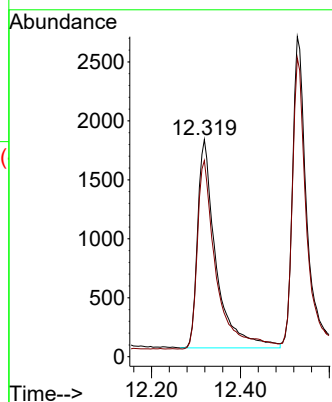
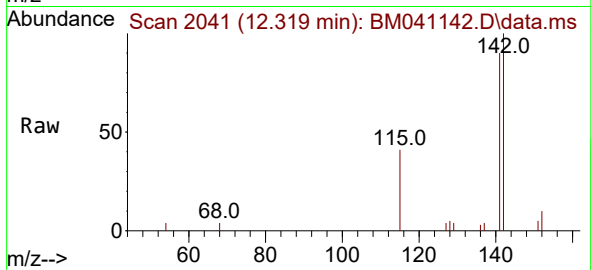




#7
2-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. 0.005 min
Lab File: BM041142.D
Acq: 26 Jul 2023 19:12

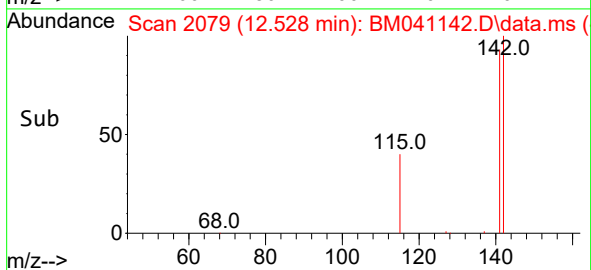
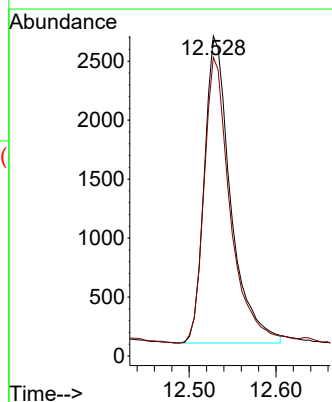
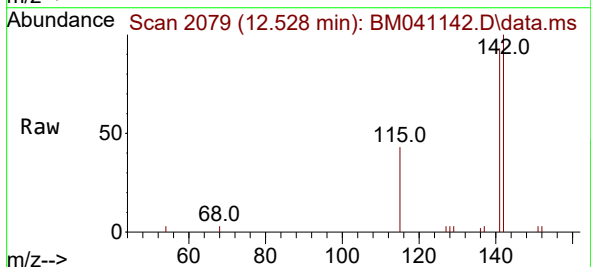
Instrument :
BNA_M
ClientSampleId :

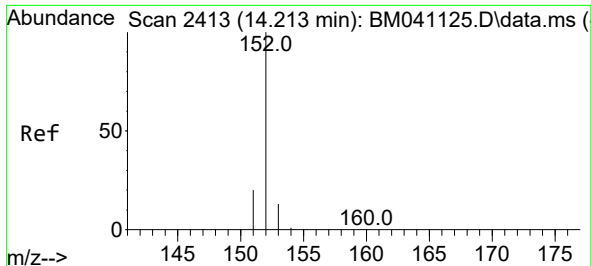
Tgt Ion:142 Resp: 5097
Ion Ratio Lower Upper
142 100
141 92.5 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM041142.D
Acq: 26 Jul 2023 19:12

Tgt Ion:142 Resp: 5474
Ion Ratio Lower Upper
142 100
141 92.7 73.6 110.4

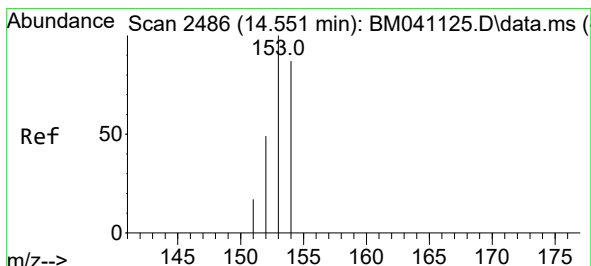
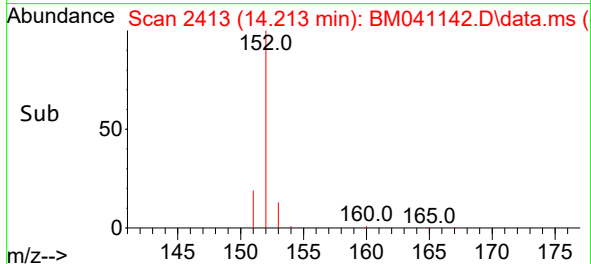
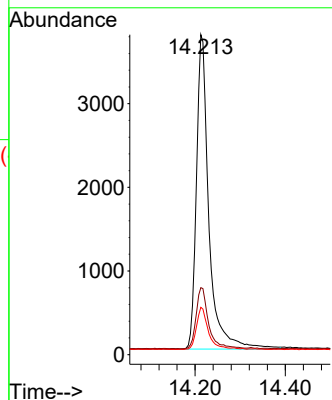
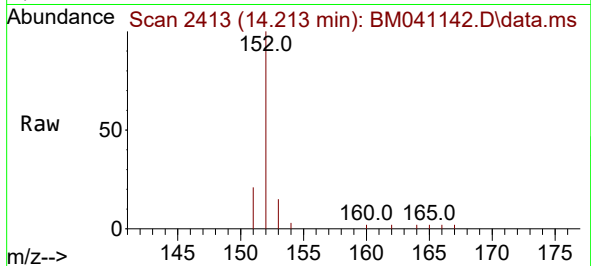




#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 14.213 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BM041142.D
Acq: 26 Jul 2023 19:12

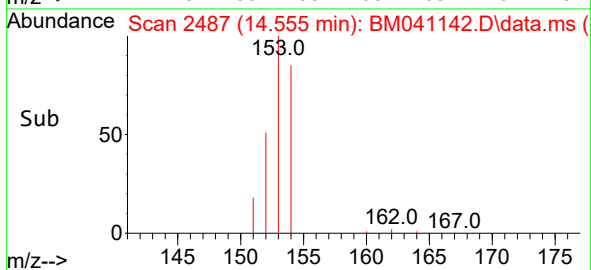
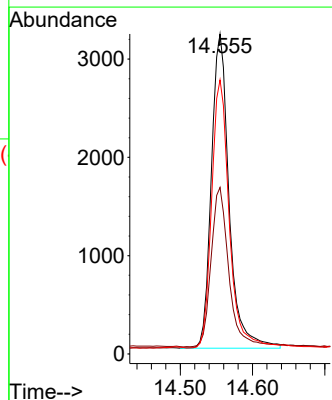
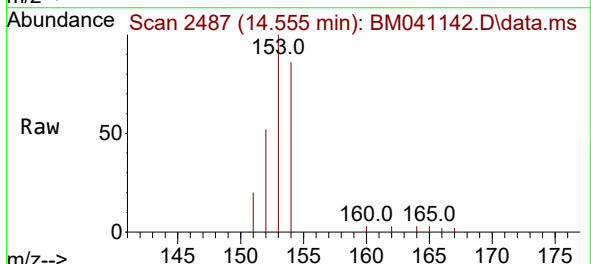
Instrument :
BNA_M
ClientSampleId :

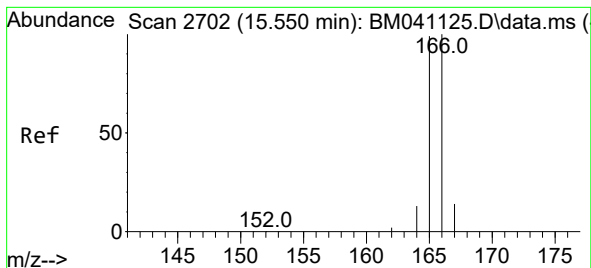
Tgt Ion:152 Resp: 7213
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 14.8 11.4 17.2



#11
Acenaphthene
Concen: 0.322 ng/ul
RT: 14.555 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BM041142.D
Acq: 26 Jul 2023 19:12

Tgt Ion:153 Resp: 5441
Ion Ratio Lower Upper
153 100
152 52.1 40.2 60.4
154 85.7 70.3 105.5





#12

Fluorene

Concen: 0.289 ng/ul

RT: 15.554 min Scan# 21

Delta R.T. 0.004 min

Lab File: BM041142.D

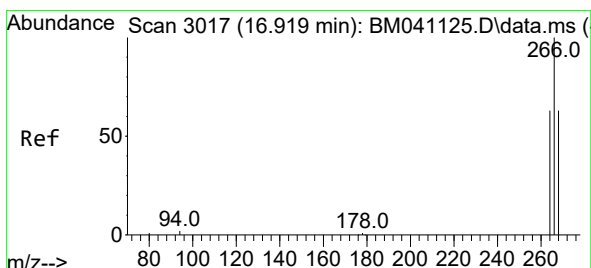
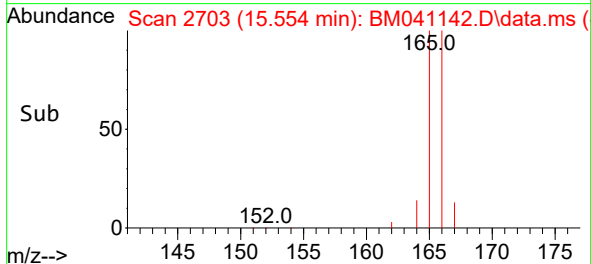
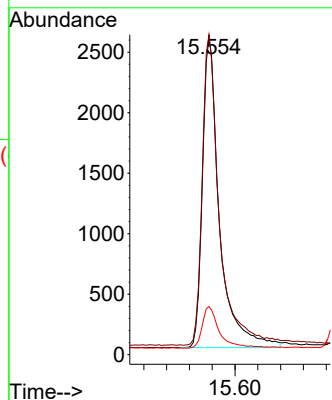
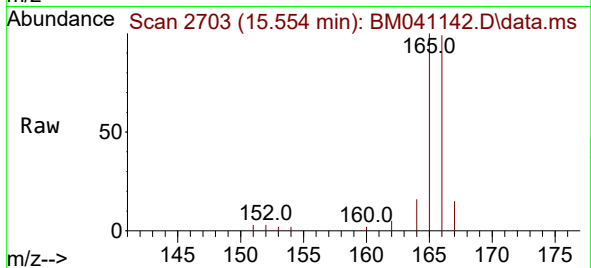
Acq: 26 Jul 2023 19:12

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:166	Resp:	5330
Ion Ratio	Lower	Upper
166	100	
165	100.8	79.4 119.0
167	15.2	11.4 17.2



#14

Pentachlorophenol

Concen: 0.419 ng/ul

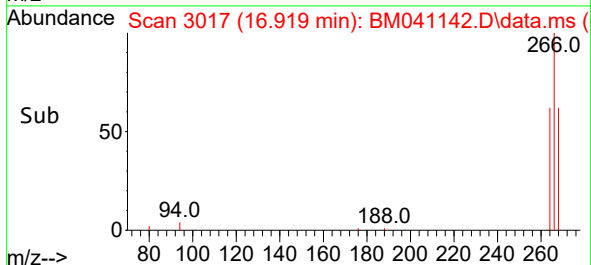
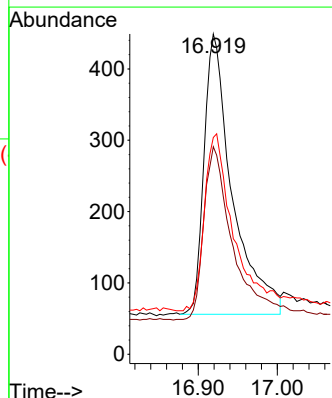
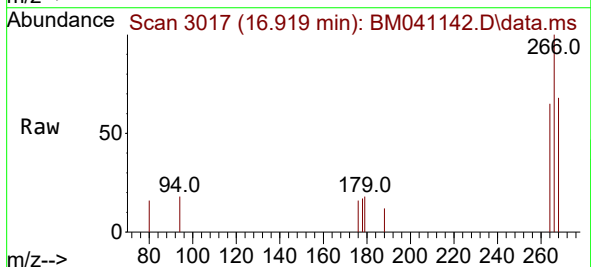
RT: 16.919 min Scan# 3017

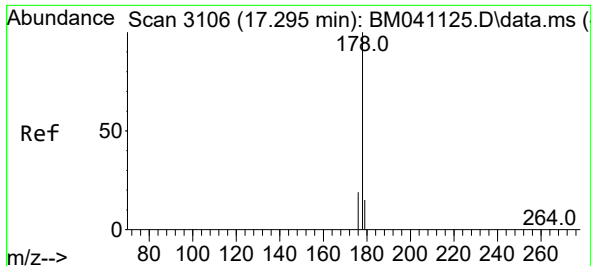
Delta R.T. 0.004 min

Lab File: BM041142.D

Acq: 26 Jul 2023 19:12

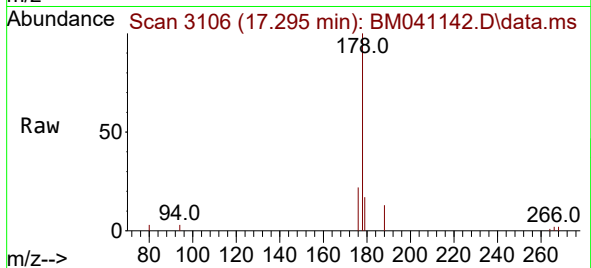
Tgt Ion:266	Resp:	974
Ion Ratio	Lower	Upper
266	100	
264	63.8	49.2 73.8
268	65.5	49.9 74.9



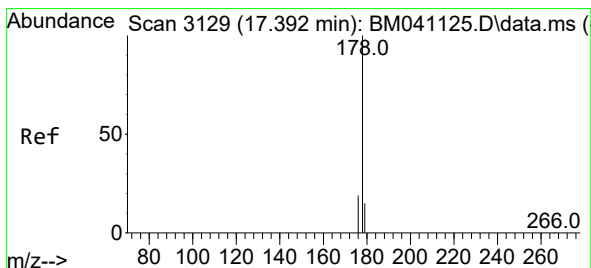
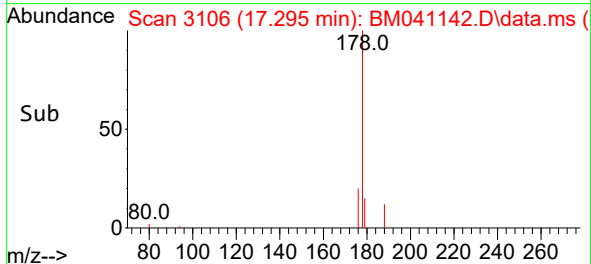
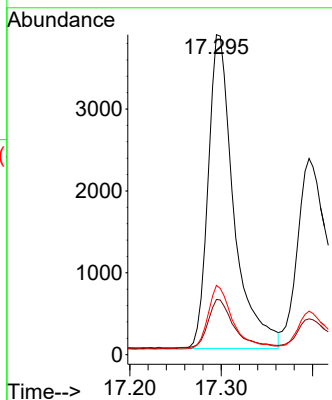


#15
Phenanthrene
Concen: 0.302 ng/ul
RT: 17.295 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM041142.D
Acq: 26 Jul 2023 19:12

Instrument :
BNA_M
ClientSampleId :

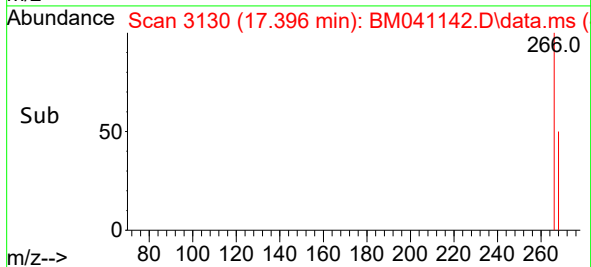
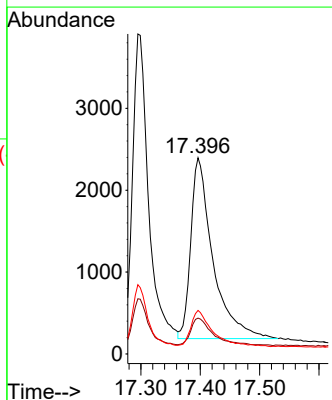
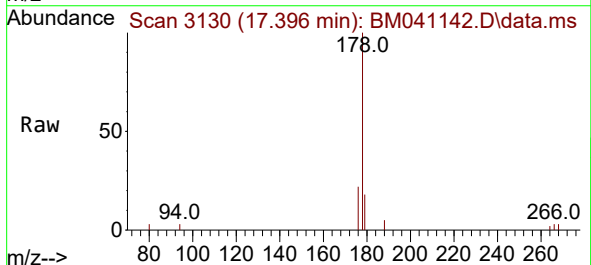


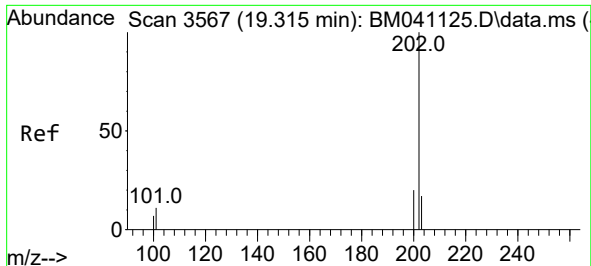
Tgt Ion:178 Resp: 7451
Ion Ratio Lower Upper
178 100
179 17.3 13.4 20.2
176 21.6 16.0 24.0



#16
Anthracene
Concen: 0.287 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. 0.004 min
Lab File: BM041142.D
Acq: 26 Jul 2023 19:12

Tgt Ion:178 Resp: 5718
Ion Ratio Lower Upper
178 100
179 18.3 13.6 20.4
176 22.2 16.0 24.0

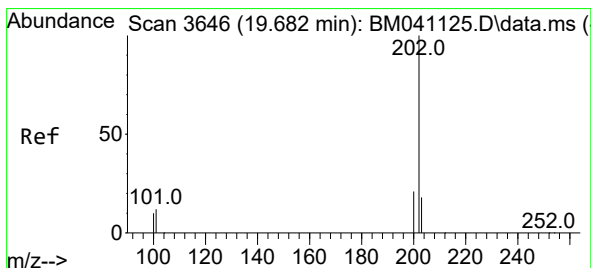
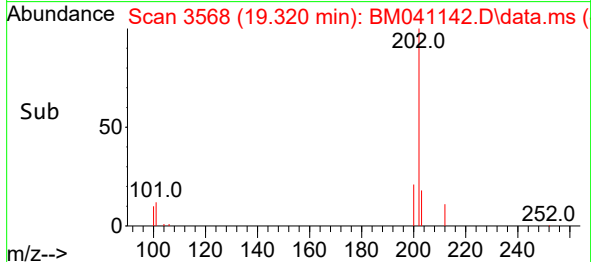
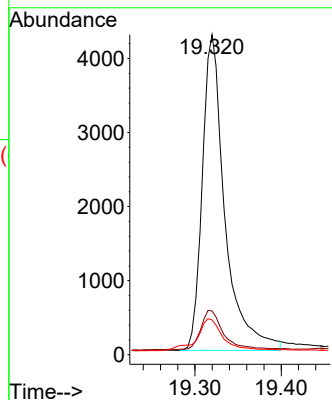
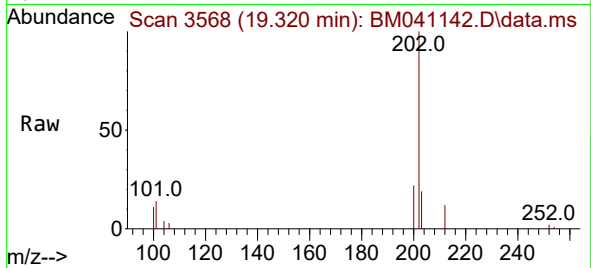




#19
Fluoranthene
Concen: 0.359 ng/ul
RT: 19.320 min Scan# 3567
Delta R.T. 0.004 min
Lab File: BM041142.D
Acq: 26 Jul 2023 19:12

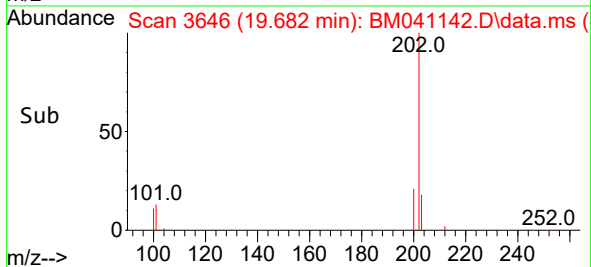
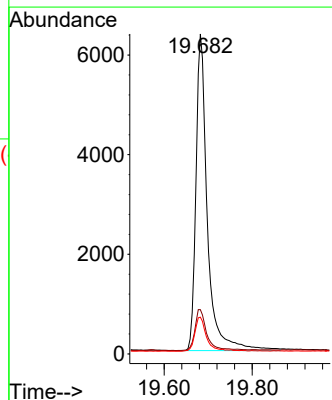
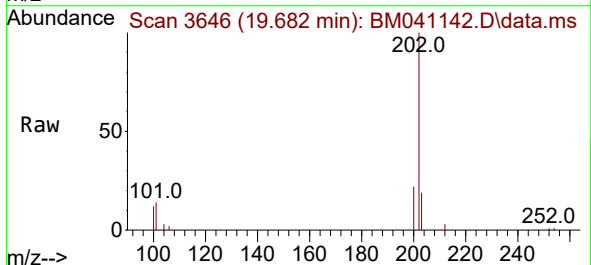
Instrument :
BNA_M
ClientSampleId :

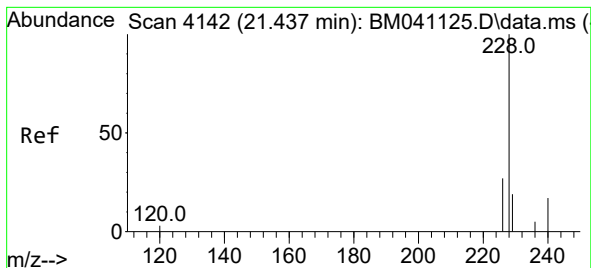
Tgt Ion:202 Resp: 7762
Ion Ratio Lower Upper
202 100
101 13.7 9.4 14.0
100 10.8 7.1 10.7#



#20
Pyrene
Concen: 0.481 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.000 min
Lab File: BM041142.D
Acq: 26 Jul 2023 19:12

Tgt Ion:202 Resp: 11464
Ion Ratio Lower Upper
202 100
101 13.9 10.7 16.1
100 11.5 8.5 12.7





#21

Benzo(a)anthracene

Concen: 0.297 ng/ul

RT: 21.436 min Scan# 41

Delta R.T. 0.003 min

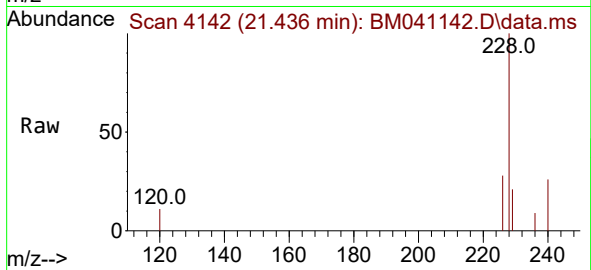
Lab File: BM041142.D

Acq: 26 Jul 2023 19:12

Instrument :

BNA_M

ClientSampleId :



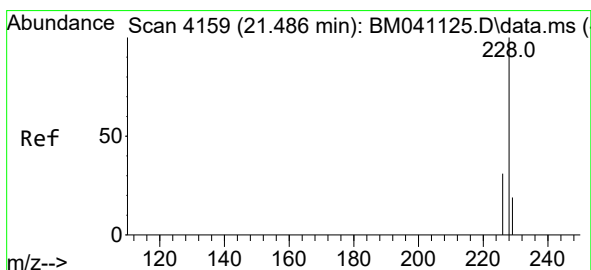
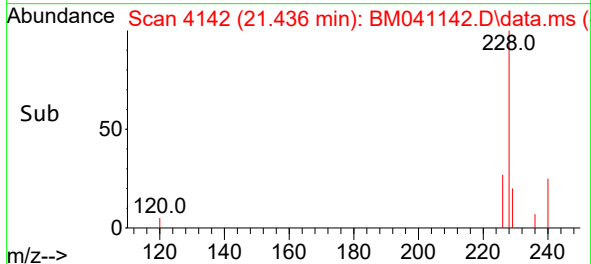
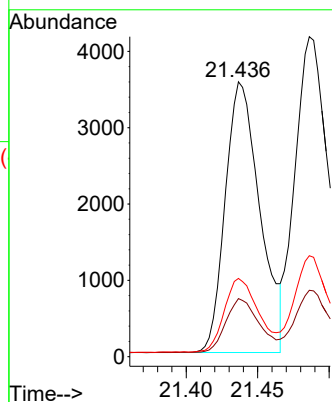
Tgt Ion:228 Resp: 5990

Ion Ratio Lower Upper

228 100

229 21.1 16.5 24.7

226 28.5 22.2 33.2



#22

Chrysene

Concen: 0.308 ng/ul

RT: 21.486 min Scan# 4159

Delta R.T. -0.000 min

Lab File: BM041142.D

Acq: 26 Jul 2023 19:12

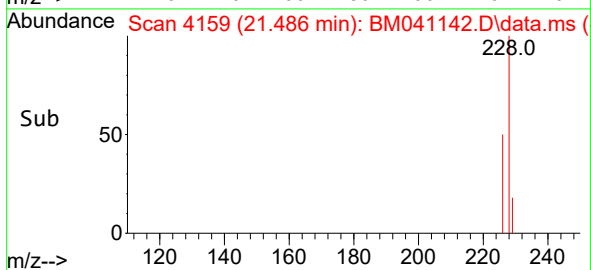
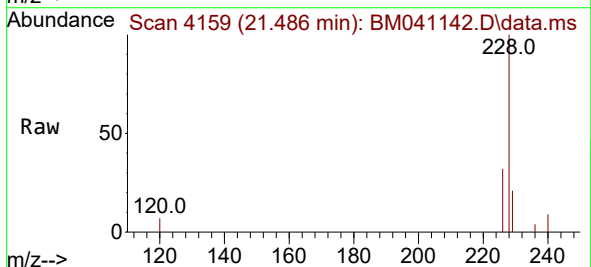
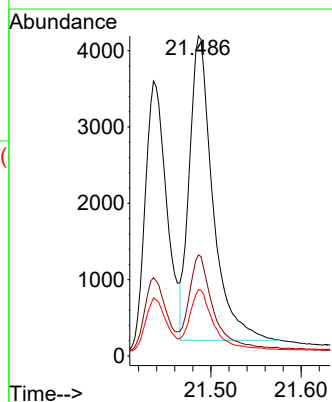
Tgt Ion:228 Resp: 7180

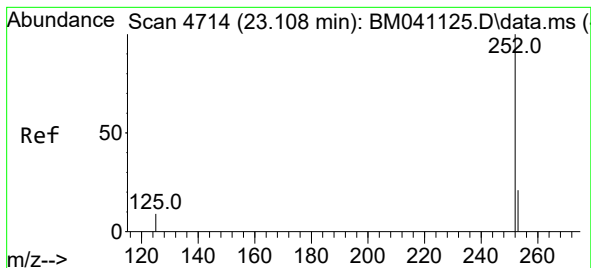
Ion Ratio Lower Upper

228 100

226 31.5 24.2 36.4

229 20.7 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.328 ng/ul

RT: 23.105 min Scan# 4713

Delta R.T. -0.000 min

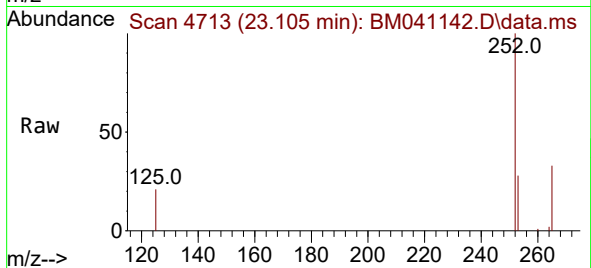
Lab File: BM041142.D

Acq: 26 Jul 2023 19:12

Instrument :

BNA_M

ClientSampleId :



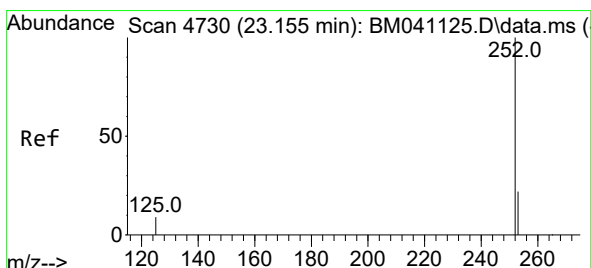
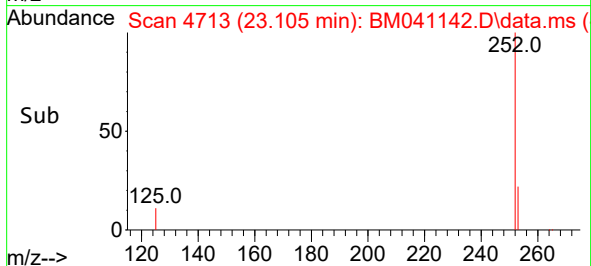
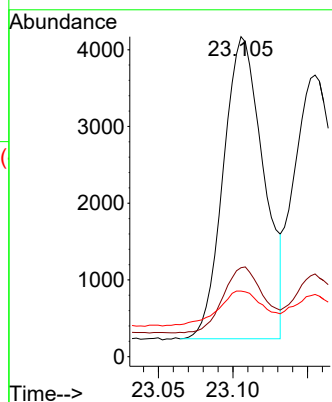
Tgt Ion:252 Resp: 7384

Ion Ratio Lower Upper

252 100

253 27.8 0.0 57.6

125 20.5 0.0 33.6



#25

Benzo(k)fluoranthene

Concen: 0.339 ng/ul

RT: 23.155 min Scan# 4730

Delta R.T. -0.000 min

Lab File: BM041142.D

Acq: 26 Jul 2023 19:12

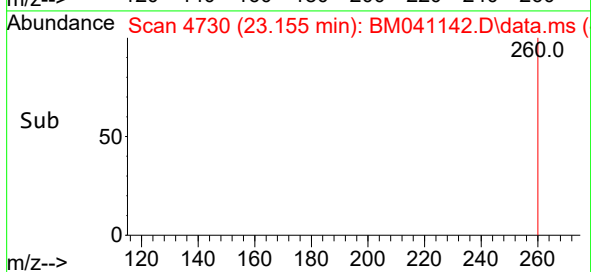
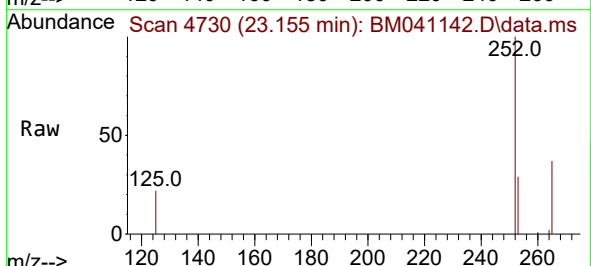
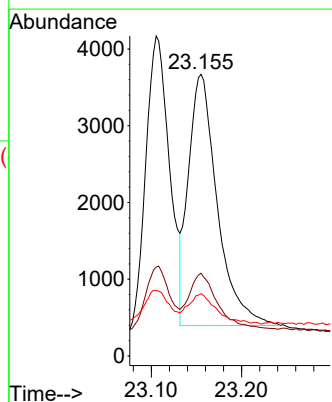
Tgt Ion:252 Resp: 7278

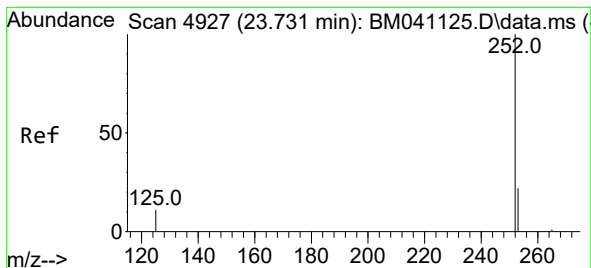
Ion Ratio Lower Upper

252 100

253 29.4 22.8 34.2

125 22.1 13.5 20.3#





#26

Benzo(a)pyrene

Concen: 0.334 ng/ul

RT: 23.731 min Scan# 4927

Delta R.T. 0.003 min

Lab File: BM041142.D

Acq: 26 Jul 2023 19:12

Instrument :

BNA_M

ClientSampleId :

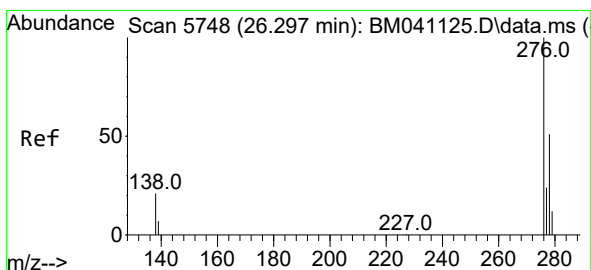
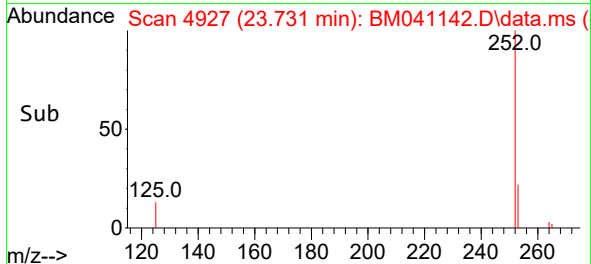
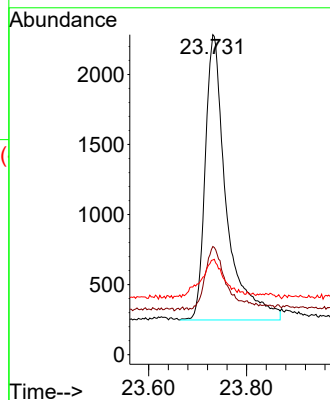
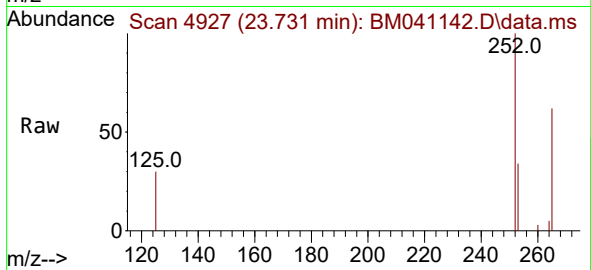
Tgt Ion:252 Resp: 6088

Ion Ratio Lower Upper

252 100

253 33.8 26.7 40.1

125 29.6 18.1 27.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.310 ng/ul

RT: 26.300 min Scan# 5749

Delta R.T. 0.003 min

Lab File: BM041142.D

Acq: 26 Jul 2023 19:12

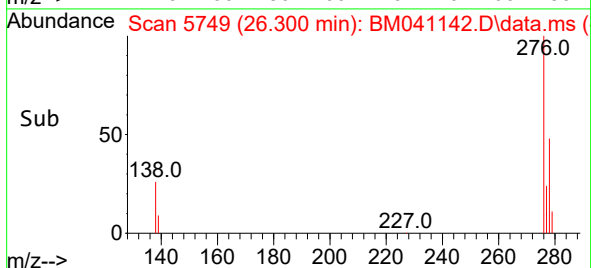
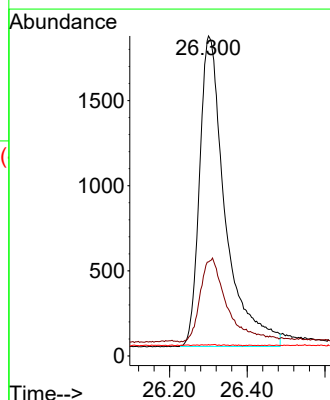
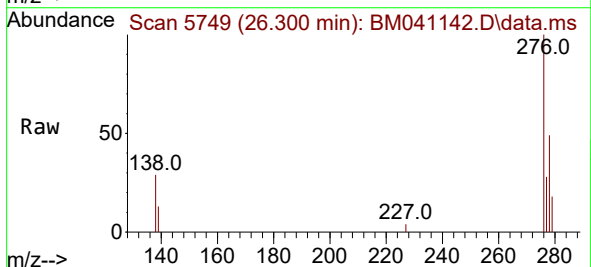
Tgt Ion:276 Resp: 8379

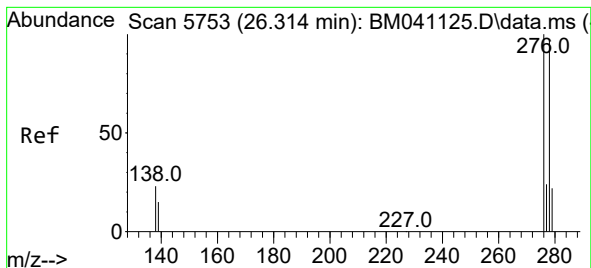
Ion Ratio Lower Upper

276 100

138 28.6 18.1 27.1#

227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.312 ng/ul

RT: 26.320 min Scan# 5

Delta R.T. 0.003 min

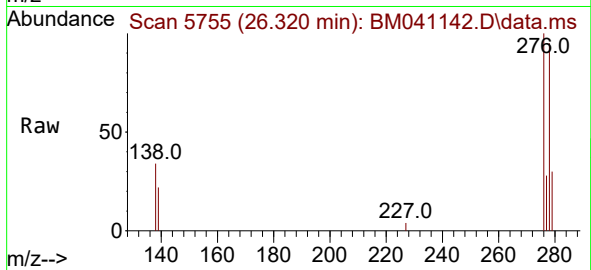
Lab File: BM041142.D

Acq: 26 Jul 2023 19:12

Instrument :

BNA_M

ClientSampleId :



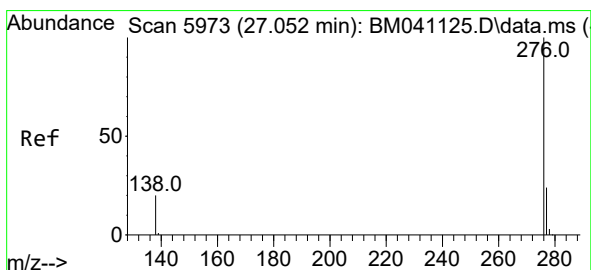
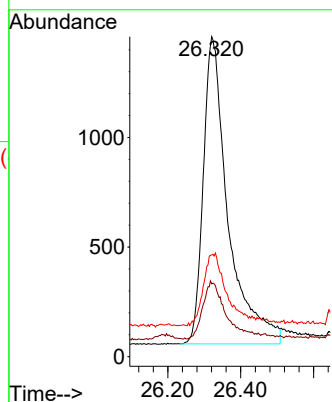
Tgt Ion:278 Resp: 6613

Ion Ratio Lower Upper

278 100

139 22.7 14.1 21.1#

279 31.8 25.0 37.4



#29

Benzo(g,h,i)perylene

Concen: 0.459 ng/ul

RT: 27.051 min Scan# 5973

Delta R.T. -0.000 min

Lab File: BM041142.D

Acq: 26 Jul 2023 19:12

Tgt Ion:276 Resp: 11068

Ion Ratio Lower Upper

276 100

138 25.2 18.2 27.2

277 26.3 20.6 30.8

