

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040926.D
 Acq On : 17 Jul 2023 17:27
 Operator : MA/JU
 Sample : PB153934BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 18 02:47:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

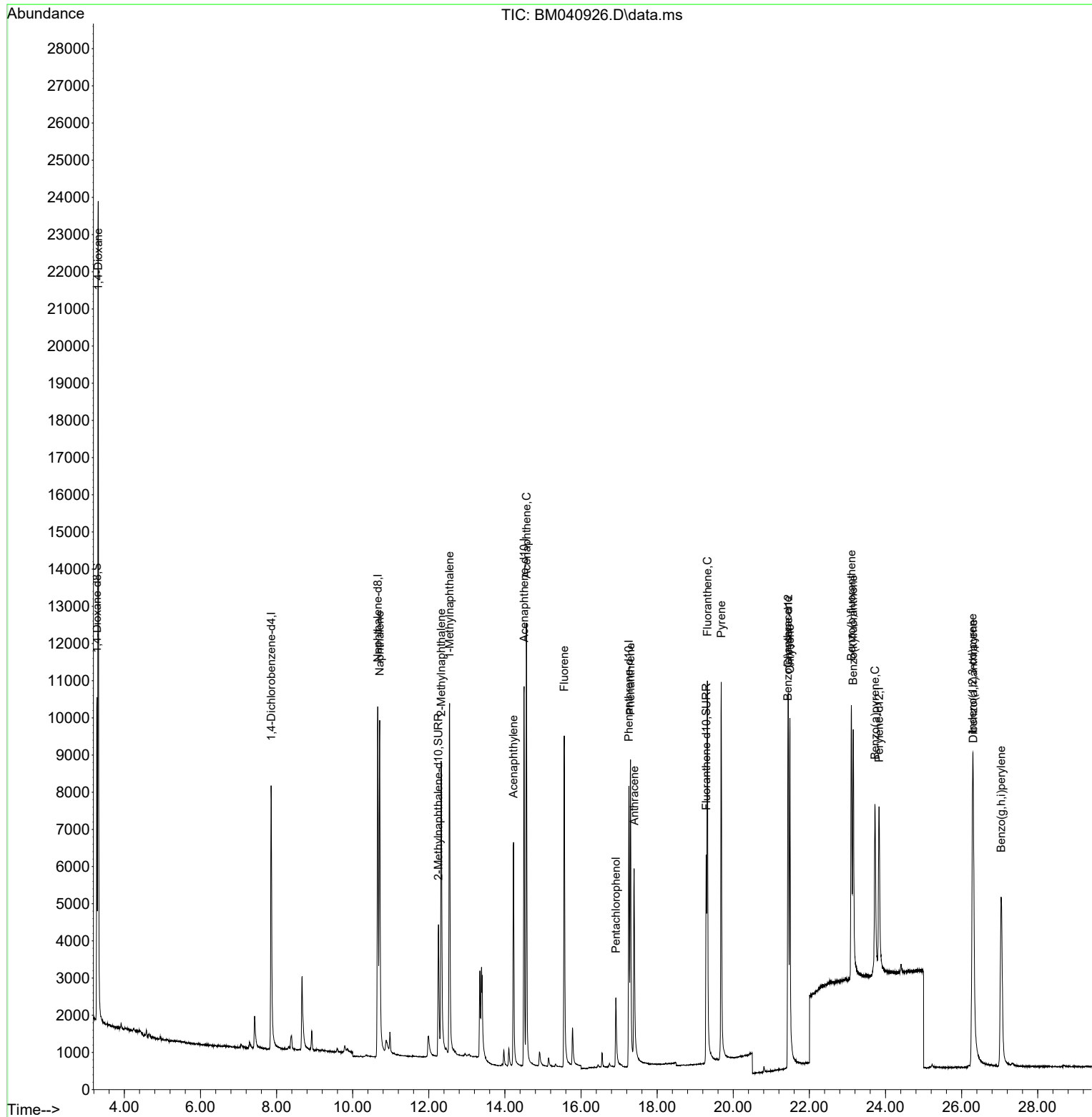
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	4622	0.400	ng/ul	0.00
4) Naphthalene-d8	10.660	136	14818	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.505	164	5915	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.258	188	9802	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	6914	0.400	ng/ul	0.00
23) Perylene-d12	23.832	264	7273	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	4828	0.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.254	152	6162	0.297	ng/ul	0.00
18) Fluoranthene-d10	19.288	212	7228	0.326	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	13356	1.807	ng/ul	87
5) Naphthalene	10.709	128	14072	0.344	ng/ul	99
7) 2-Methylnaphthalene	12.326	142	7462	0.311	ng/ul	98
8) 1-Methylnaphthalene	12.546	142	7470	0.311	ng/ul	99
10) Acenaphthylene	14.227	152	8233	0.312	ng/ul	99
11) Acenaphthene	14.565	153	7241	0.324	ng/ul	97
12) Fluorene	15.560	166	6995	0.294	ng/ul	99
14) Pentachlorophenol	16.916	266	1710	0.906	ng/ul	92
15) Phenanthrene	17.300	178	9729	0.320	ng/ul	99
16) Anthracene	17.397	178	7643	0.299	ng/ul	99
19) Fluoranthene	19.321	202	9668	0.329	ng/ul	99
20) Pyrene	19.683	202	10147	0.322	ng/ul	98
21) Benzo(a)anthracene	21.435	228	7633	0.326	ng/ul	99
22) Chrysene	21.487	228	9057	0.340	ng/ul	100
24) Benzo(b)fluoranthene	23.104	252	10055	0.357	ng/ul	98
25) Benzo(k)fluoranthene	23.153	252	9630	0.347	ng/ul	99
26) Benzo(a)pyrene	23.723	252	8722	0.344	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.288	276	13131	0.372	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.309	278	10482	0.379	ng/ul	97
29) Benzo(g,h,i)perylene	27.040	276	11671	0.377	ng/ul	98

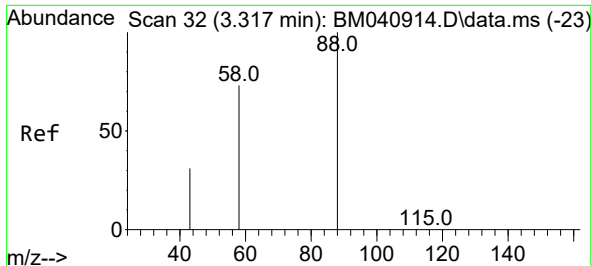
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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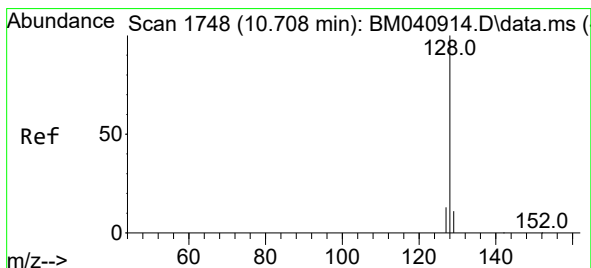
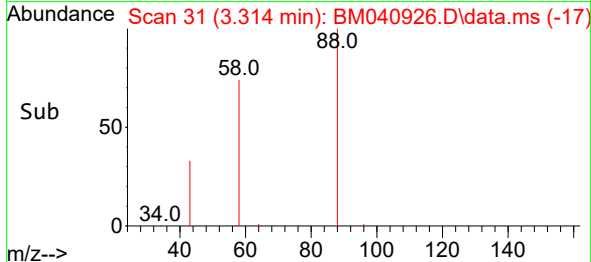
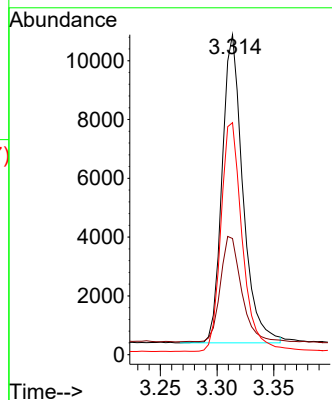
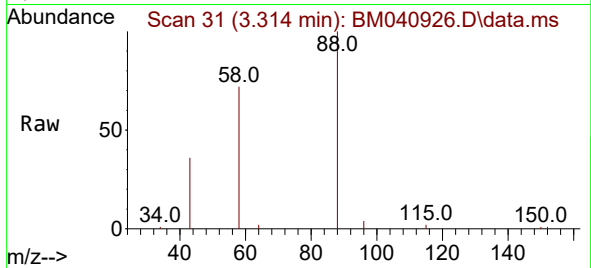




#2
1,4-Dioxane
Concen: 1.807 ng/ul
RT: 3.314 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

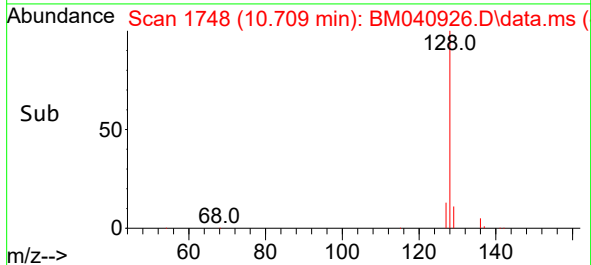
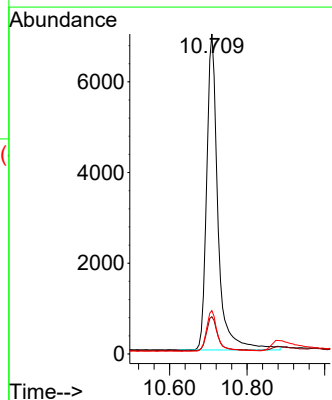
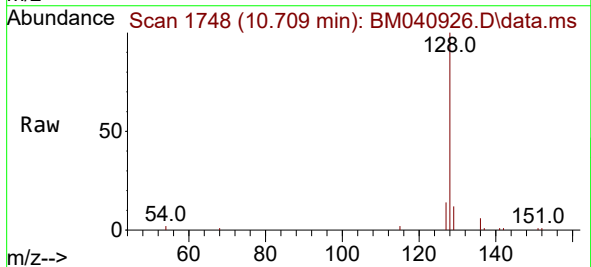
Instrument :
BNA_P
ClientSampleId :

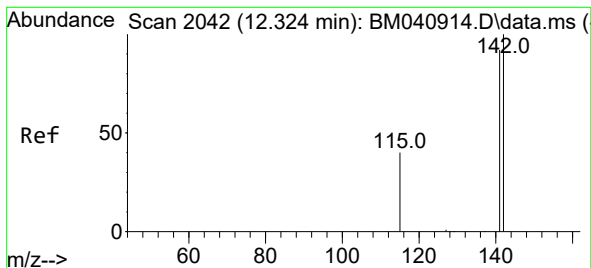
Tgt Ion: 88 Resp: 13356
Ion Ratio Lower Upper
88 100
43 36.3 36.1 54.1
58 72.5 49.8 74.8



#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.709 min Scan# 1748
Delta R.T. -0.004 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

Tgt Ion:128 Resp: 14072
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.5 10.6 15.8

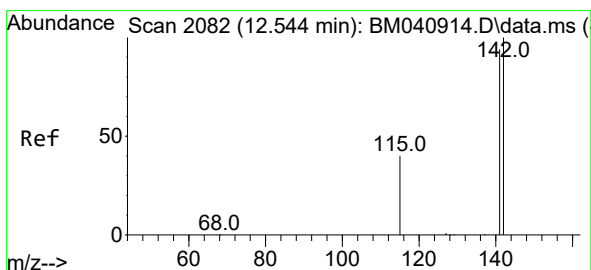
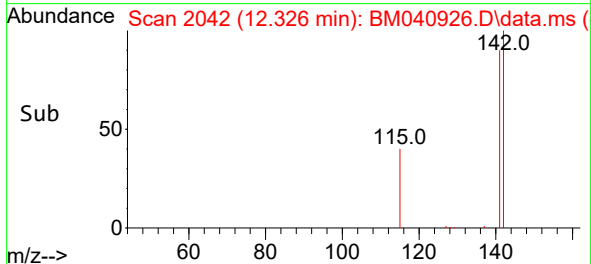
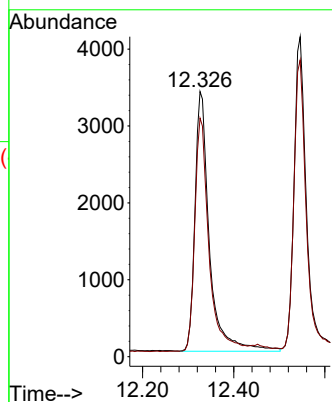
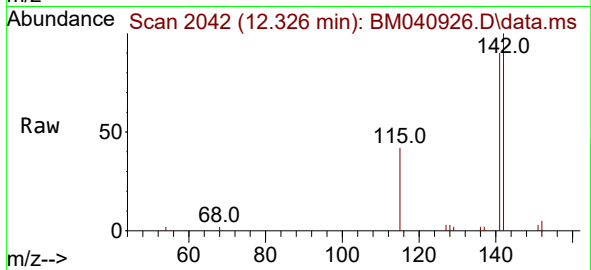




#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.326 min Scan# 2042
Delta R.T. -0.004 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

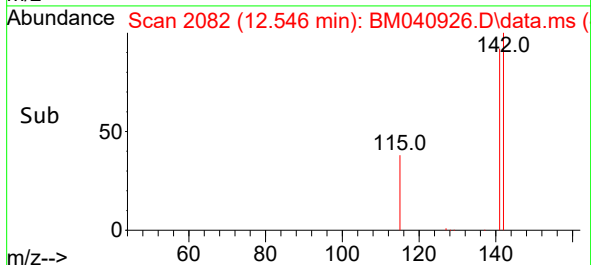
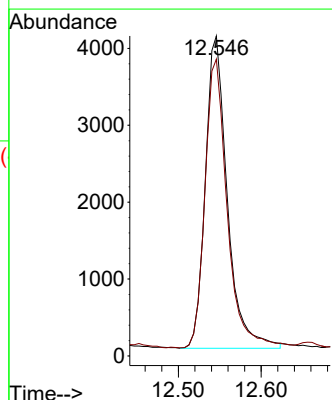
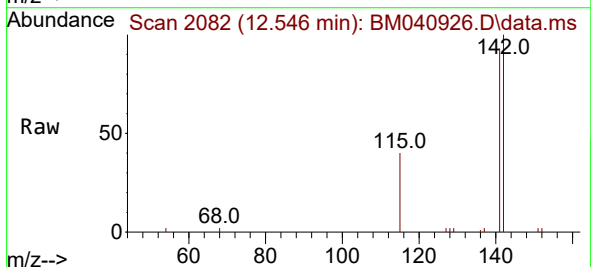
Instrument :
BNA_P
ClientSampleId :

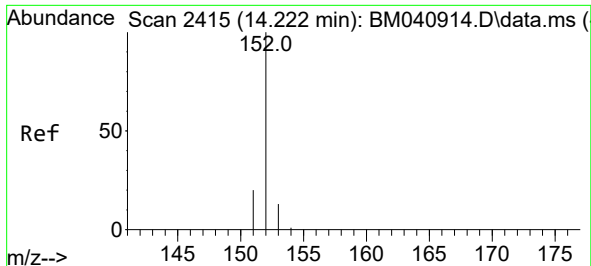
Tgt Ion:142 Resp: 7462
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.546 min Scan# 2082
Delta R.T. -0.004 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

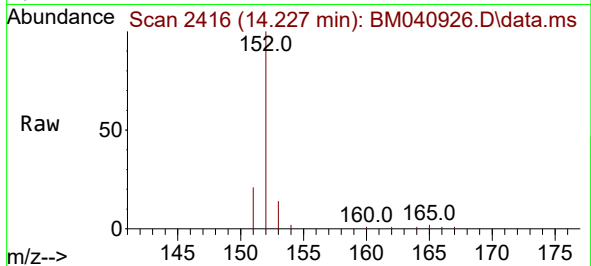
Tgt Ion:142 Resp: 7470
Ion Ratio Lower Upper
142 100
141 92.8 73.7 110.5



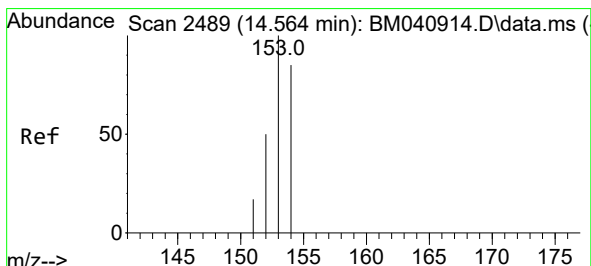
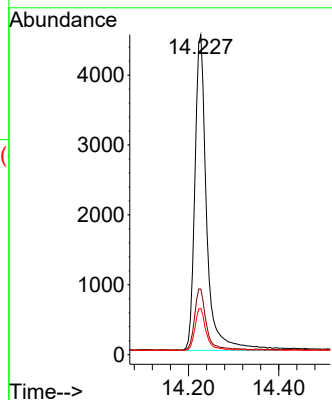
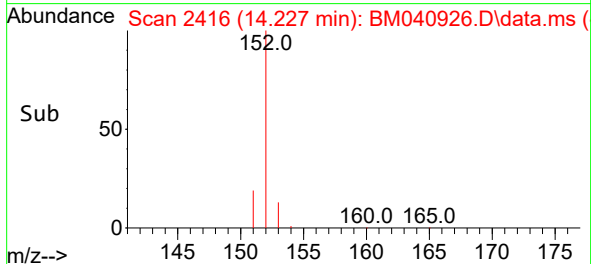


#10
Acenaphthylene
Concen: 0.312 ng/ul
RT: 14.227 min Scan# 2415
Delta R.T. -0.004 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

Instrument :
BNA_P
ClientSampleId :

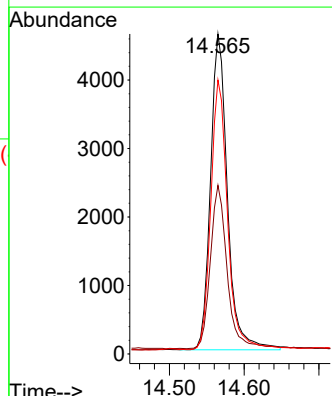
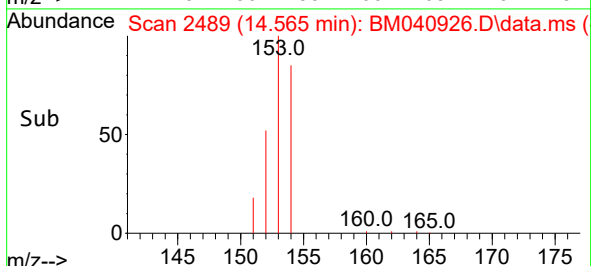
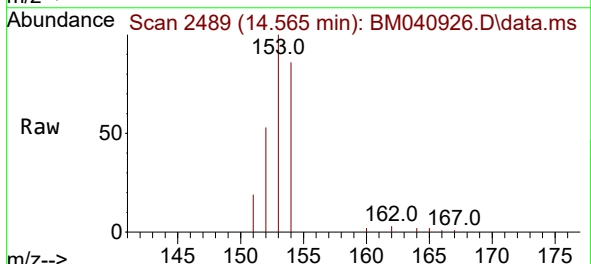


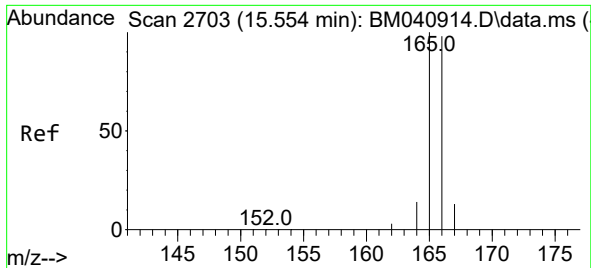
Tgt Ion:152 Resp: 8233
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 14.4 10.9 16.3



#11
Acenaphthene
Concen: 0.324 ng/ul
RT: 14.565 min Scan# 2489
Delta R.T. -0.004 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

Tgt Ion:153 Resp: 7241
Ion Ratio Lower Upper
153 100
152 52.7 41.0 61.4
154 85.6 70.8 106.2

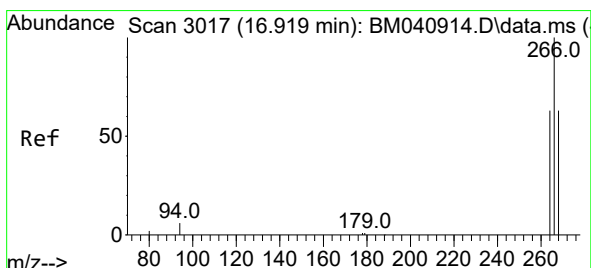
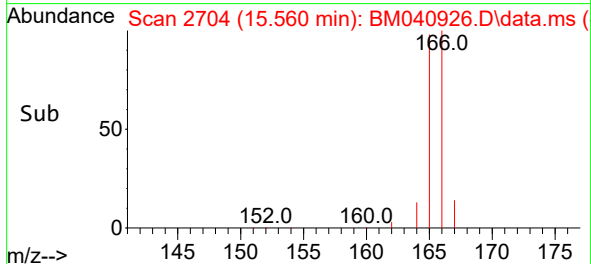
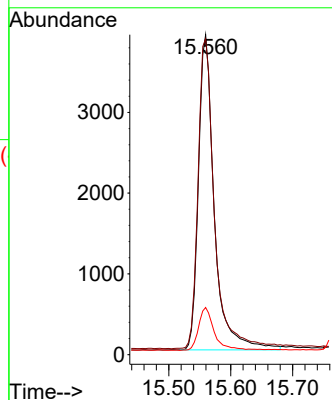
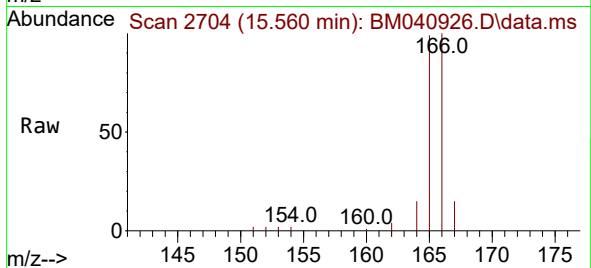




#12
 Fluorene
 Concen: 0.294 ng/ul
 RT: 15.560 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BM040926.D
 Acq: 17 Jul 2023 17:27

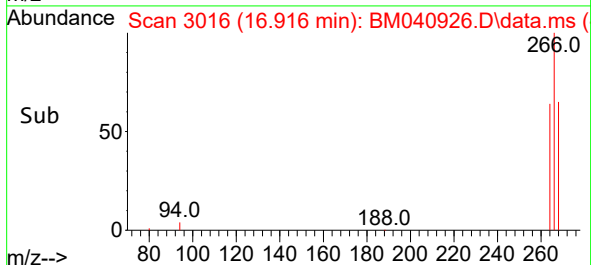
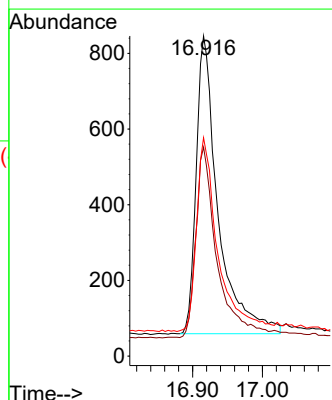
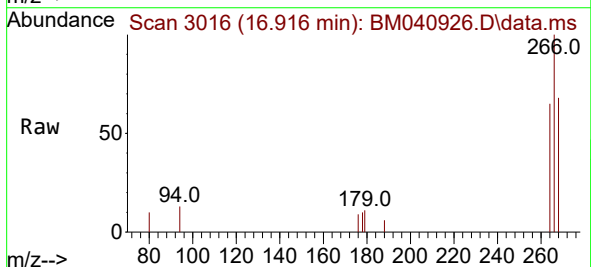
Instrument :
 BNA_P
 ClientSampleId :

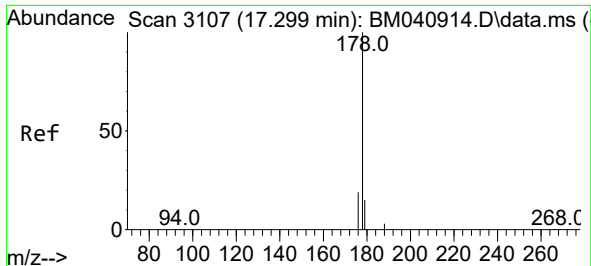
Tgt Ion:166 Resp: 6995
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.6 119.4
 167 14.7 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.906 ng/ul
 RT: 16.916 min Scan# 3016
 Delta R.T. -0.004 min
 Lab File: BM040926.D
 Acq: 17 Jul 2023 17:27

Tgt Ion:266 Resp: 1710
 Ion Ratio Lower Upper
 266 100
 264 62.7 45.4 68.0
 268 64.9 47.2 70.8

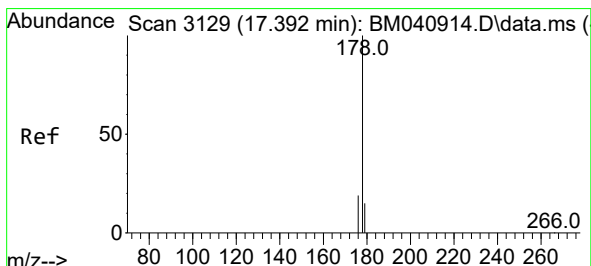
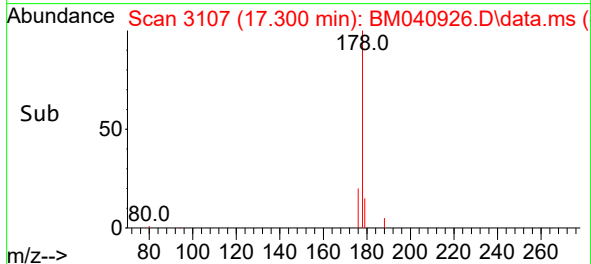
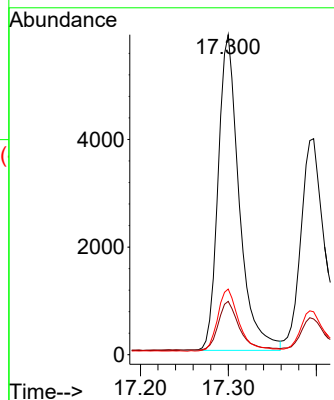
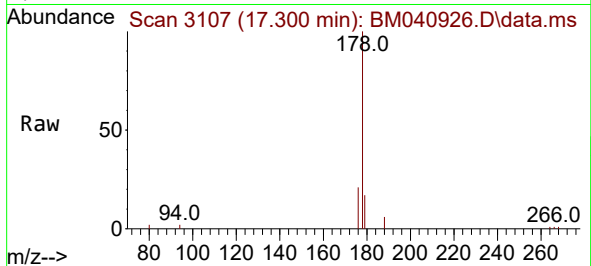




#15
Phenanthrene
Concen: 0.320 ng/ul
RT: 17.300 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

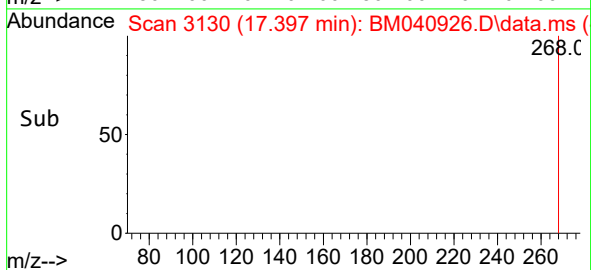
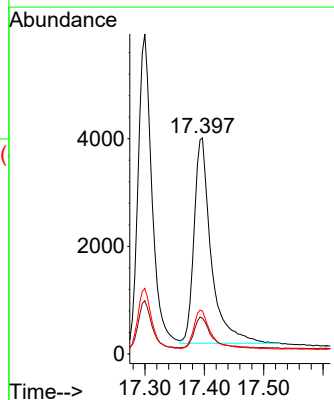
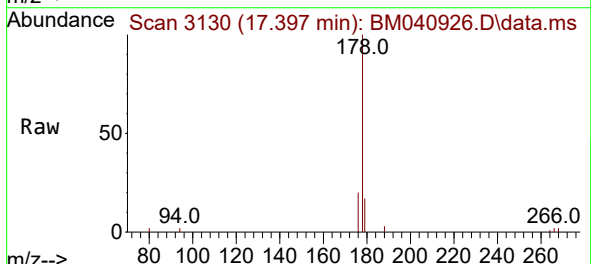
Instrument :
BNA_P
ClientSampleId :

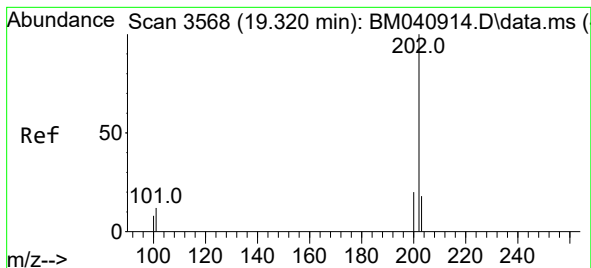
Tgt Ion:178 Resp: 9729
Ion Ratio Lower Upper
178 100
179 16.7 12.8 19.2
176 20.5 16.4 24.6



#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.397 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

Tgt Ion:178 Resp: 7643
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 19.9 15.8 23.6





#19

Fluoranthene

Concen: 0.329 ng/ul

RT: 19.321 min Scan# 3568

Delta R.T. -0.004 min

Lab File: BM040926.D

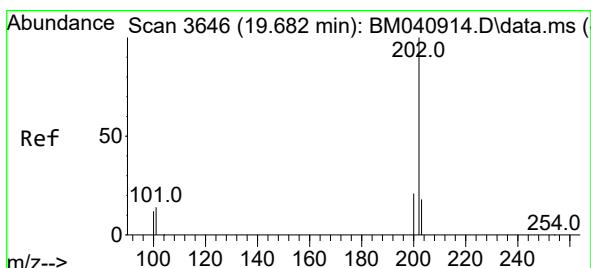
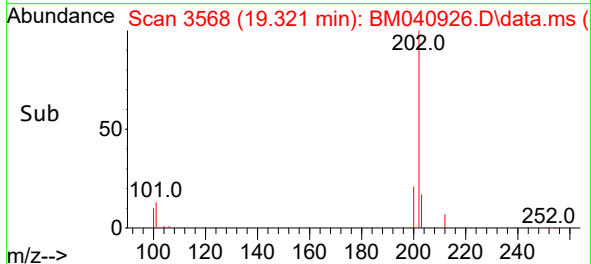
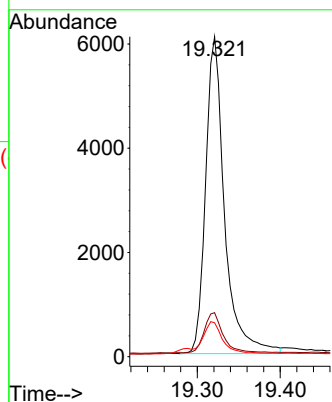
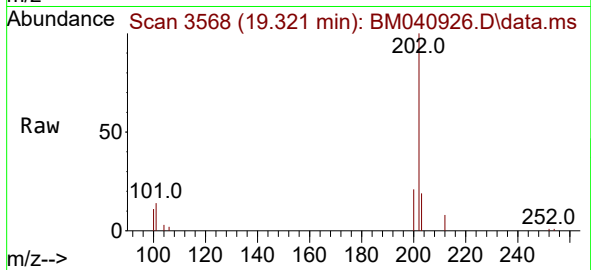
Acq: 17 Jul 2023 17:27

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	202	Resp:	9668
Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.4	17.0
100	10.6	8.7	13.1



#20

Pyrene

Concen: 0.322 ng/ul

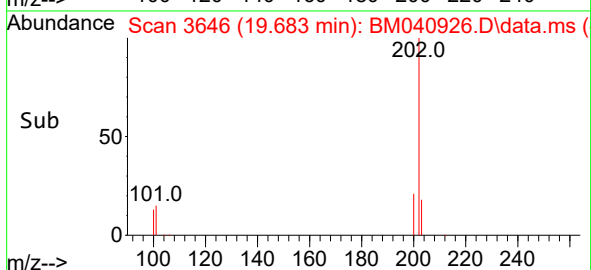
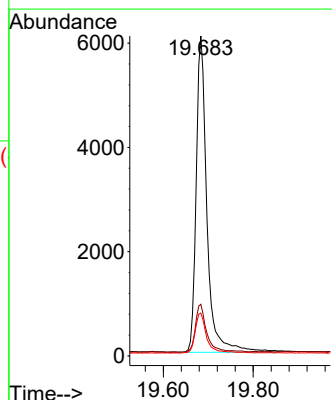
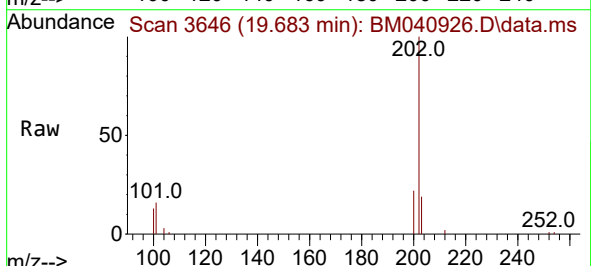
RT: 19.683 min Scan# 3646

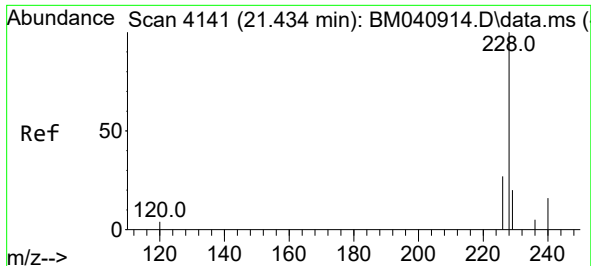
Delta R.T. -0.004 min

Lab File: BM040926.D

Acq: 17 Jul 2023 17:27

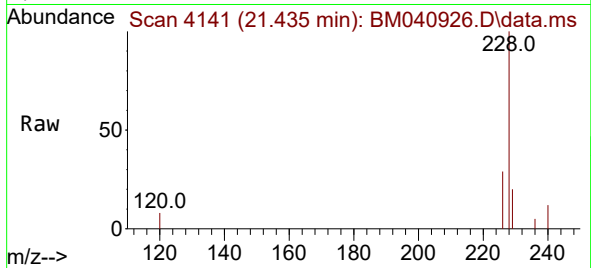
Tgt Ion:	202	Resp:	10147
Ion	Ratio	Lower	Upper
202	100		
101	16.1	12.6	18.8
100	13.4	9.8	14.6



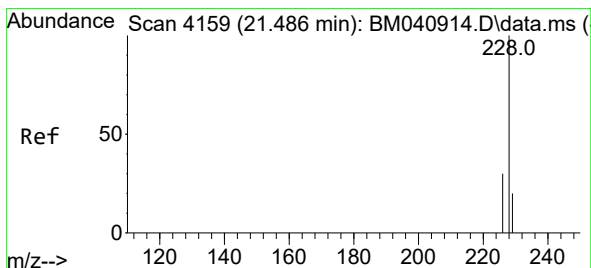
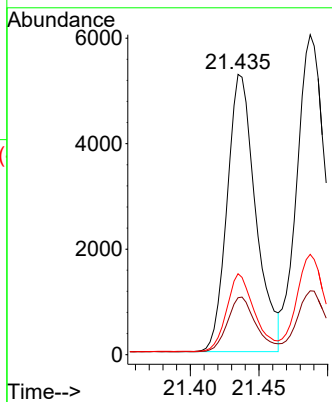
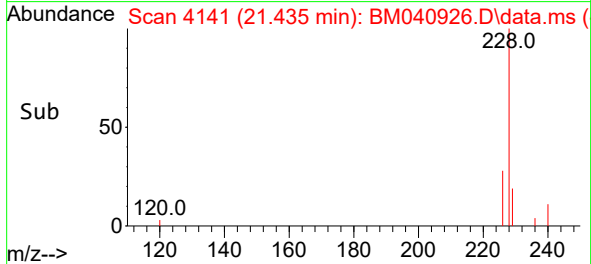


#21
Benzo(a)anthracene
Concen: 0.326 ng/ul
RT: 21.435 min Scan# 4141
Delta R.T. 0.001 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

Instrument :
BNA_P
ClientSampleId :

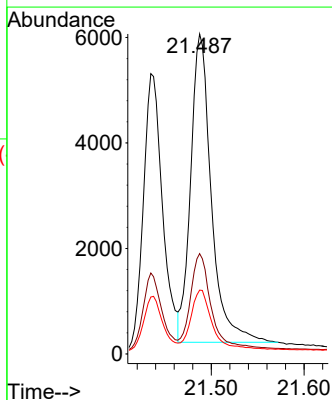
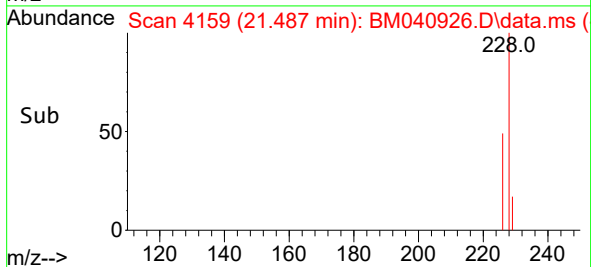
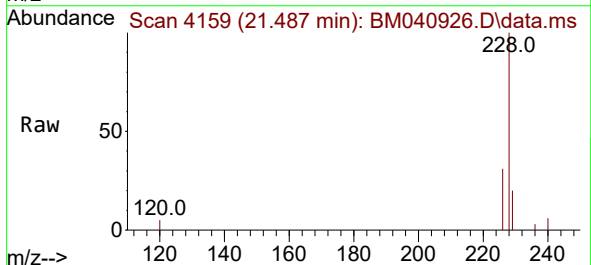


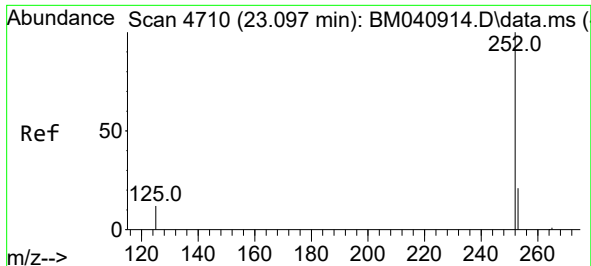
Tgt Ion:228 Resp: 7633
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 28.9 22.3 33.5



#22
Chrysene
Concen: 0.340 ng/ul
RT: 21.487 min Scan# 4159
Delta R.T. 0.001 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

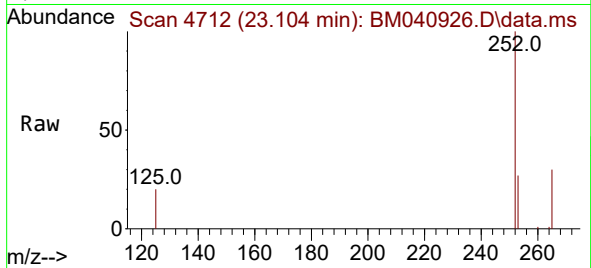
Tgt Ion:228 Resp: 9057
Ion Ratio Lower Upper
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226 31.4 24.9 37.3
229 19.9 15.8 23.6



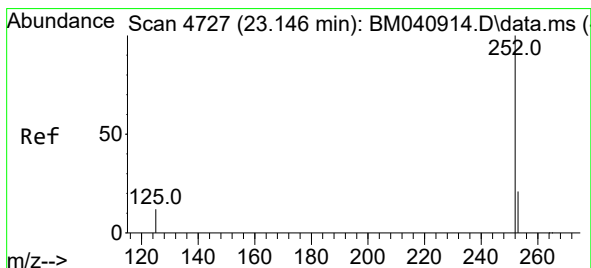
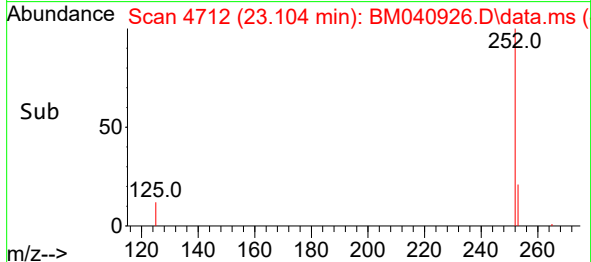
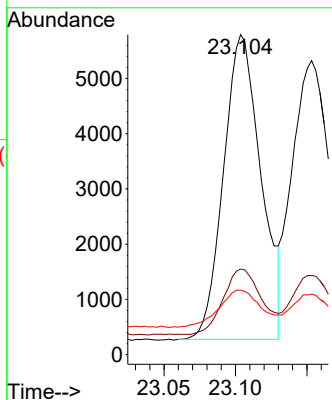


#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 23.104 min Scan# 4712
Delta R.T. 0.001 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

Instrument :
BNA_P
ClientSampleId :

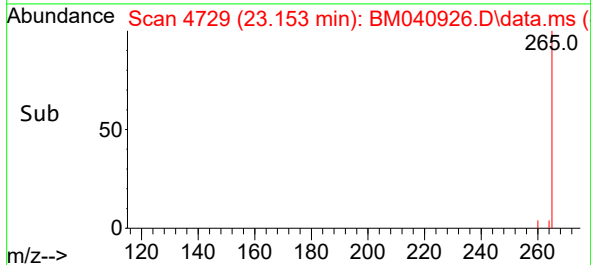
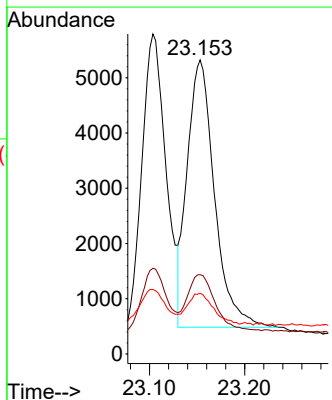
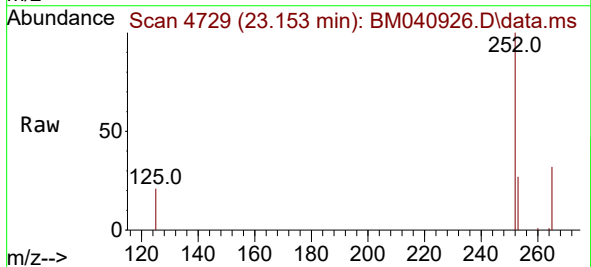


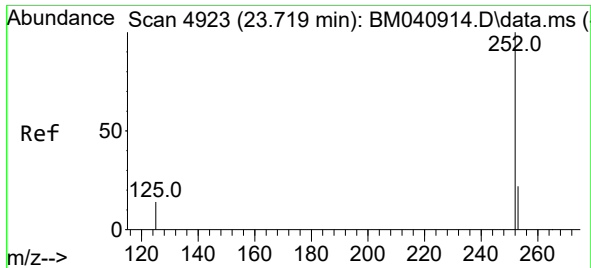
Tgt Ion:252 Resp: 10055
Ion Ratio Lower Upper
252 100
253 26.7 0.0 52.8
125 20.2 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 23.153 min Scan# 4729
Delta R.T. 0.004 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

Tgt Ion:252 Resp: 9630
Ion Ratio Lower Upper
252 100
253 26.9 21.2 31.8
125 20.6 16.4 24.6

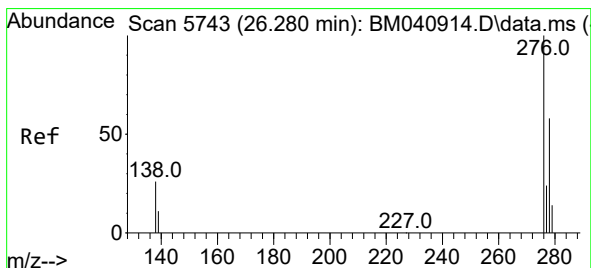
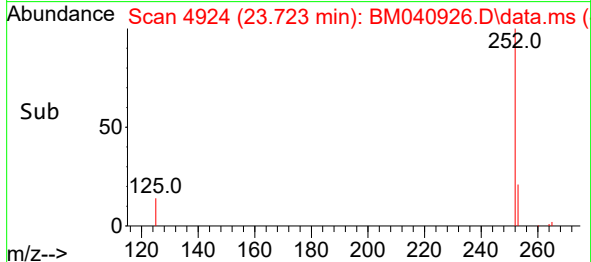
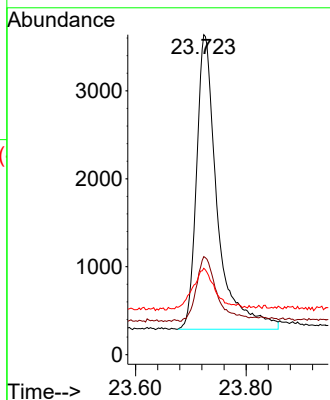
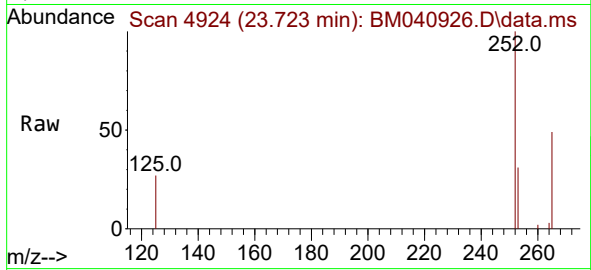




#26
Benzo(a)pyrene
Concen: 0.344 ng/ul
RT: 23.723 min Scan# 4923
Delta R.T. 0.001 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

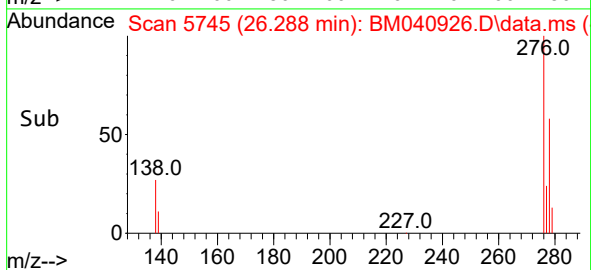
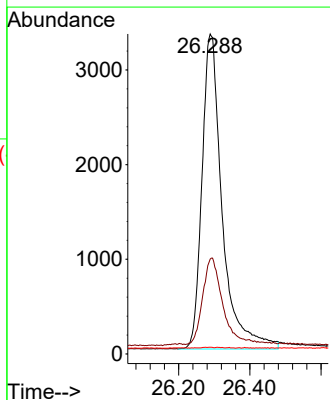
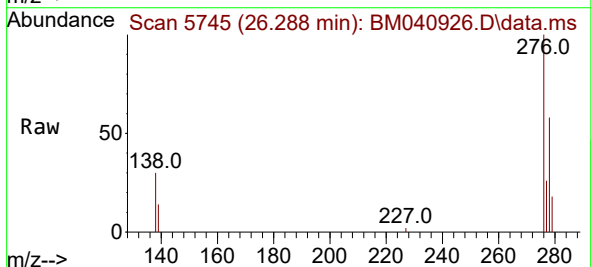
Instrument :
BNA_P
ClientSampleId :

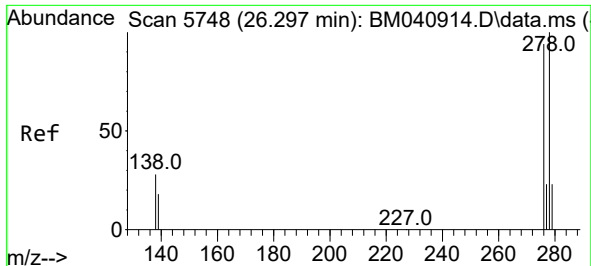
Tgt Ion:252 Resp: 8722
Ion Ratio Lower Upper
252 100
253 30.7 22.9 34.3
125 27.0 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng/ul
RT: 26.288 min Scan# 5745
Delta R.T. -0.002 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

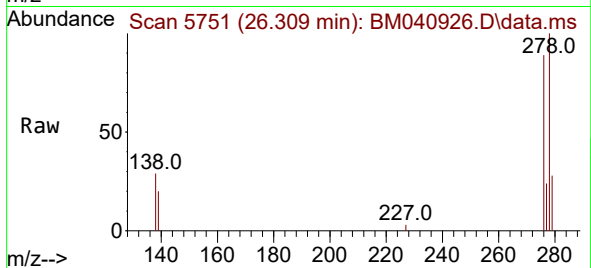
Tgt Ion:276 Resp: 13131
Ion Ratio Lower Upper
276 100
138 27.5 24.5 36.7
227 0.1 0.1 0.1#



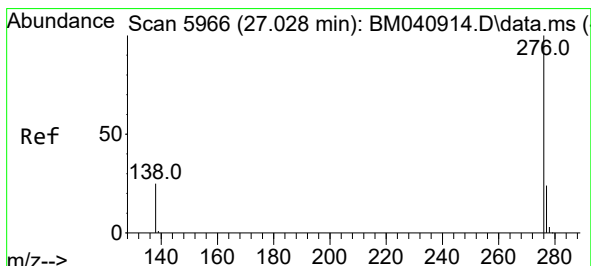
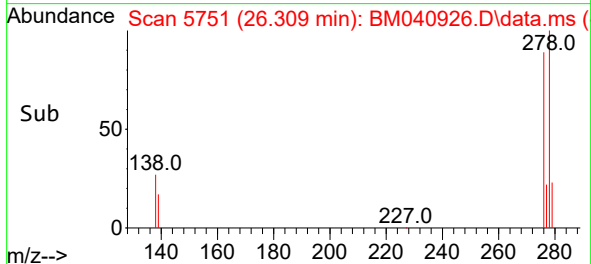
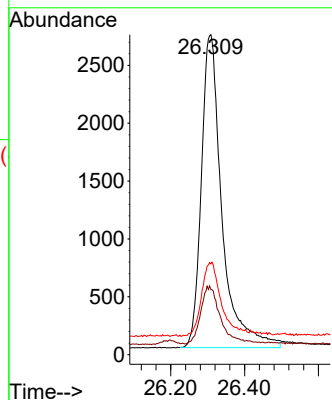


#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 26.309 min Scan# 51
Delta R.T. 0.002 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:278 Resp: 10482
Ion Ratio Lower Upper
278 100
139 20.3 17.9 26.9
279 28.4 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 27.040 min Scan# 5969
Delta R.T. -0.005 min
Lab File: BM040926.D
Acq: 17 Jul 2023 17:27

Tgt Ion:276 Resp: 11671
Ion Ratio Lower Upper
276 100
138 26.7 23.0 34.6
277 25.8 20.3 30.5

