

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041730.D
 Acq On : 08 Sep 2023 13:35
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

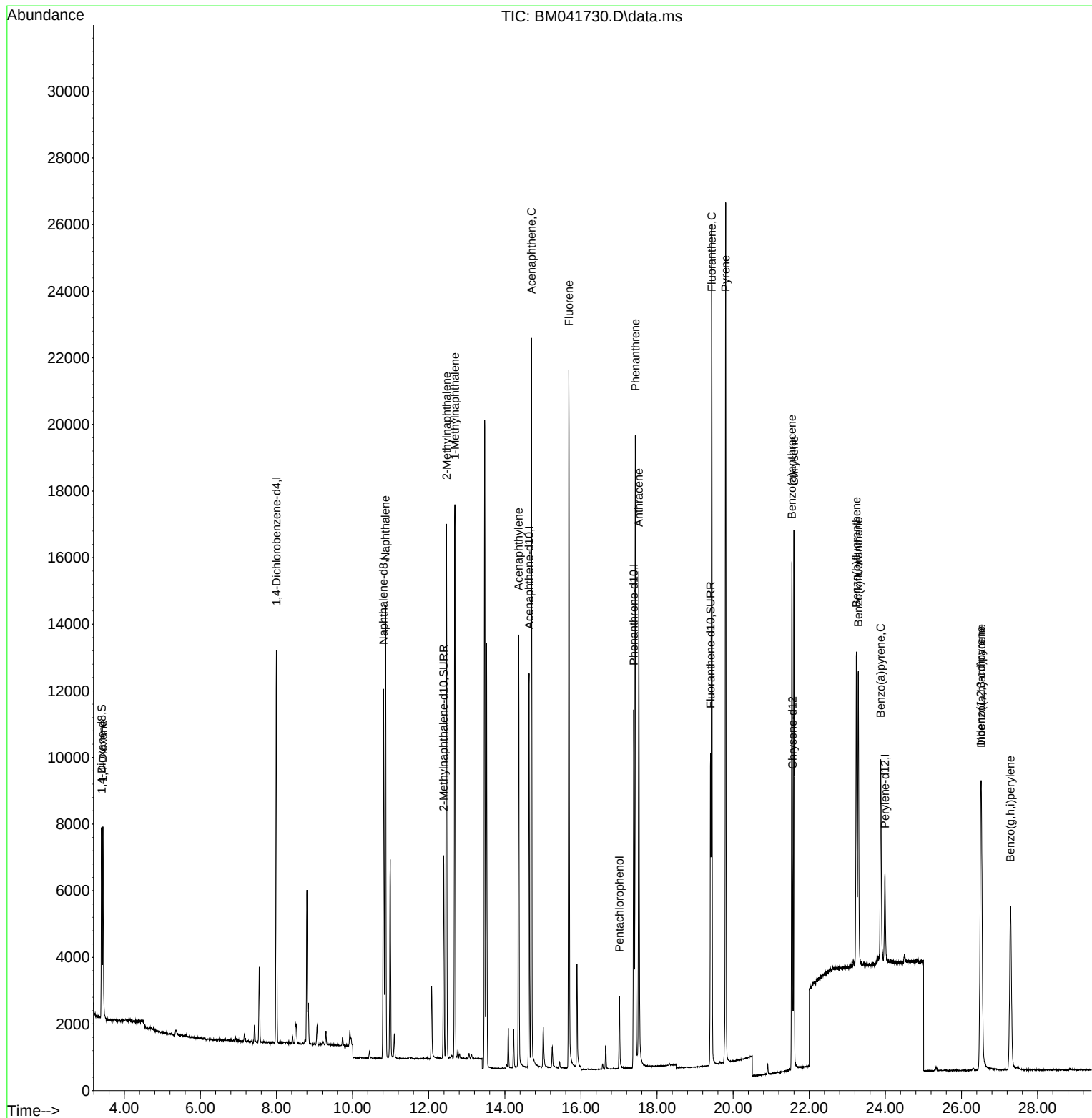
Quant Time: Sep 08 22:54:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 06:08:11 2023
 Response via : Initial Calibration

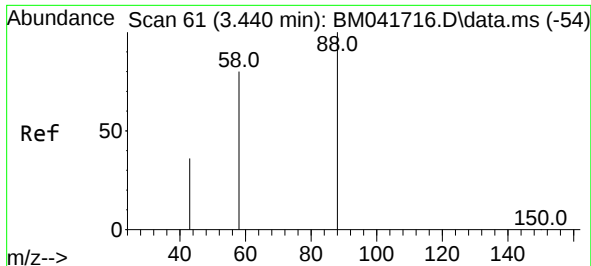
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	5780	0.400	ng/u1	0.00
4) Naphthalene-d8	10.812	136	14039	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.638	164	6035	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.388	188	11839	0.400	ng/u1	0.00
17) Chrysene-d12	21.559	240	3936	0.400	ng/u1	0.00
23) Perylene-d12	23.988	264	3520	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	3402	0.385	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.390	152	7435	0.411	ng/u1	0.00
18) Fluoranthene-d10	19.408	212	8300	0.435	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	3481	0.379	ng/u1	93
5) Naphthalene	10.862	128	18593	0.403	ng/u1	99
7) 2-Methylnaphthalene	12.467	142	11018	0.421	ng/u1	100
8) 1-Methylnaphthalene	12.687	142	11106	0.422	ng/u1	99
10) Acenaphthylene	14.365	152	15250	0.409	ng/u1	99
11) Acenaphthene	14.698	153	12086	0.417	ng/u1	99
12) Fluorene	15.684	166	13577	0.417	ng/u1	99
14) Pentachlorophenol	17.012	266	1554	0.328	ng/u1	99
15) Phenanthrene	17.430	178	20630	0.413	ng/u1	99
16) Anthracene	17.523	178	17672	0.413	ng/u1	100
19) Fluoranthene	19.436	202	20517	0.442	ng/u1	99
20) Pyrene	19.803	202	20402	0.442	ng/u1	97
21) Benzo(a)anthracene	21.542	228	12581	0.392	ng/u1	99
22) Chrysene	21.597	228	13328	0.385	ng/u1	100
24) Benzo(b)fluoranthene	23.240	252	12422	0.394	ng/u1	99
25) Benzo(k)fluoranthene	23.290	252	11889	0.386	ng/u1	99
26) Benzo(a)pyrene	23.880	252	9642	0.377	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	26.508	276	12704	0.362	ng/u1#	97
28) Dibenzo(a,h)anthracene	26.525	278	8932	0.363	ng/u1	98
29) Benzo(g,h,i)perylene	27.290	276	11136	0.358	ng/u1	98

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

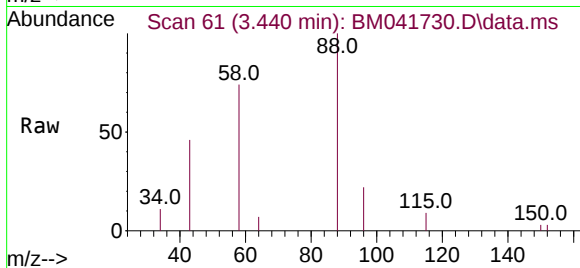
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 06:08:11 2023
Response via : Initial Calibration



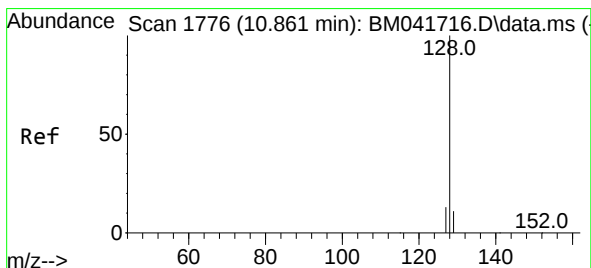
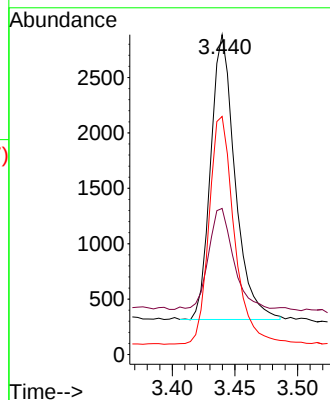
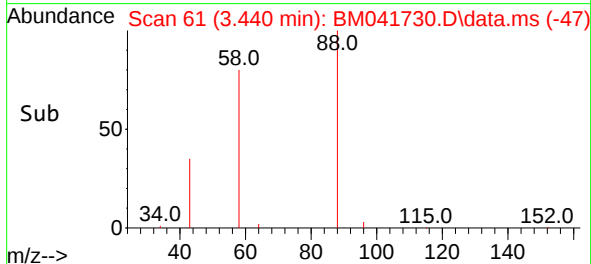


#2
1,4-Dioxane
Concen: 0.379 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041730.D
Acq: 08 Sep 2023 13:35

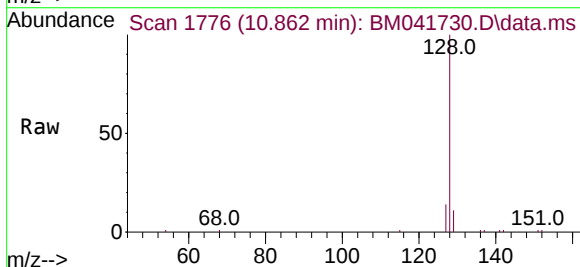
Instrument :
BNA_M
ClientSampleId :



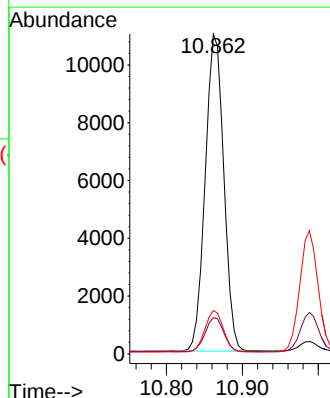
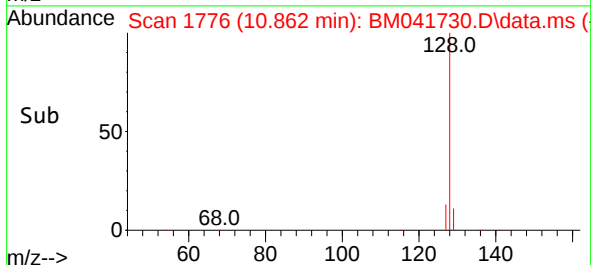
Tgt Ion: 88 Resp: 3481
Ion Ratio Lower Upper
88 100
43 45.7 33.8 50.6
58 74.4 54.2 81.2

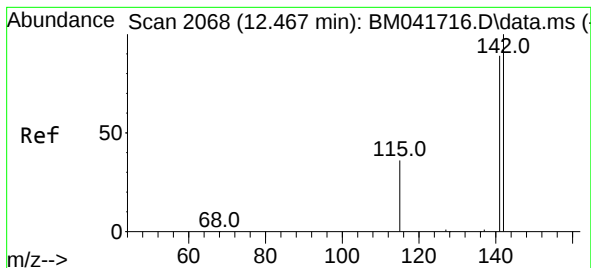


#5
Naphthalene
Concen: 0.403 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM041730.D
Acq: 08 Sep 2023 13:35



Tgt Ion: 128 Resp: 18593
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.5 11.0 16.6

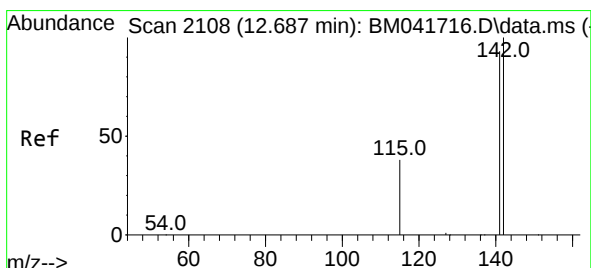
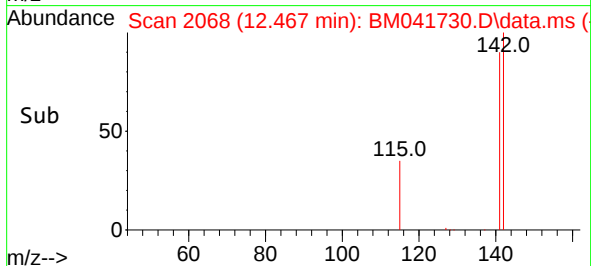
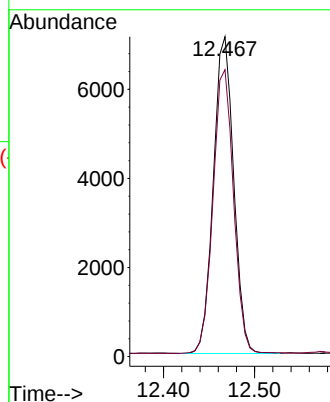
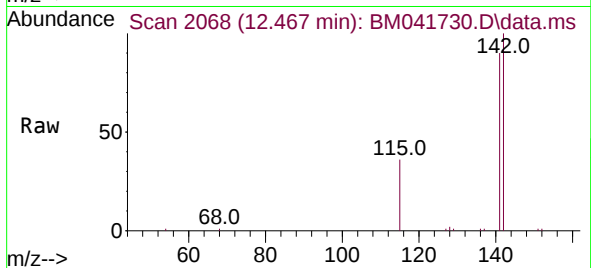




#7
2-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BM041730.D
Acq: 08 Sep 2023 13:35

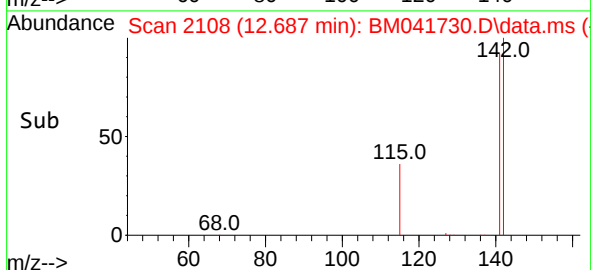
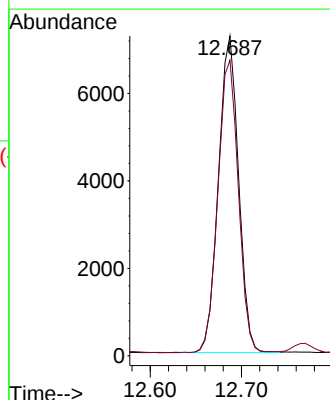
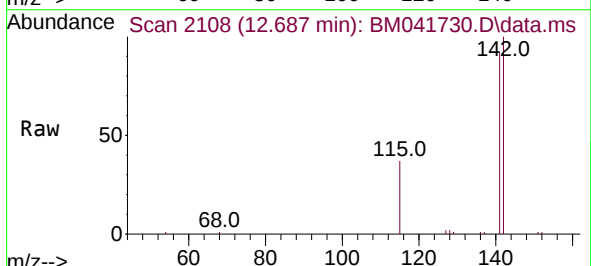
Instrument :
BNA_M
ClientSampleId :

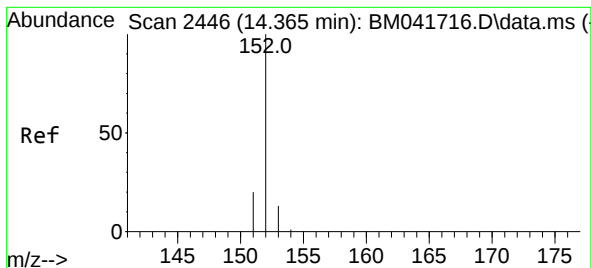
Tgt Ion:142 Resp: 11018
Ion Ratio Lower Upper
142 100
141 90.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM041730.D
Acq: 08 Sep 2023 13:35

Tgt Ion:142 Resp: 11106
Ion Ratio Lower Upper
142 100
141 93.7 74.4 111.6





#10

Acenaphthylene

Concen: 0.409 ng/ul

RT: 14.365 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BM041730.D

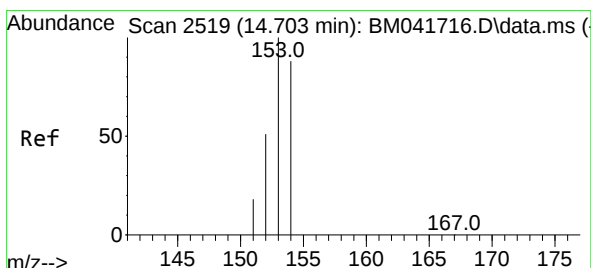
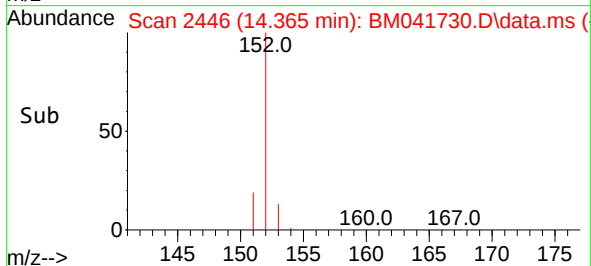
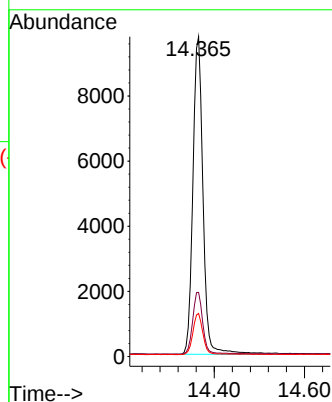
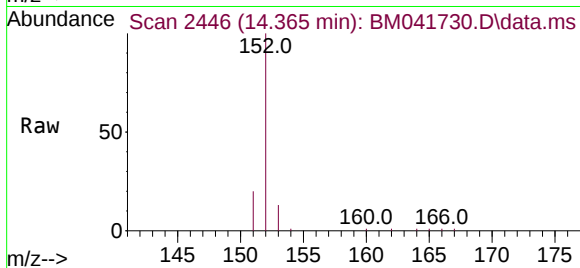
Acq: 08 Sep 2023 13:35

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	152	Resp:	15250
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.4	24.6
153	13.5	11.1	16.7



#11

Acenaphthene

Concen: 0.417 ng/ul

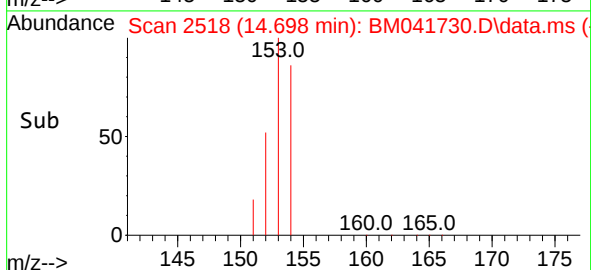
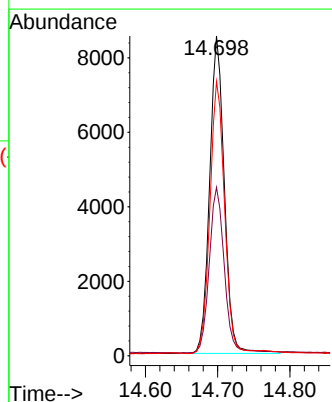
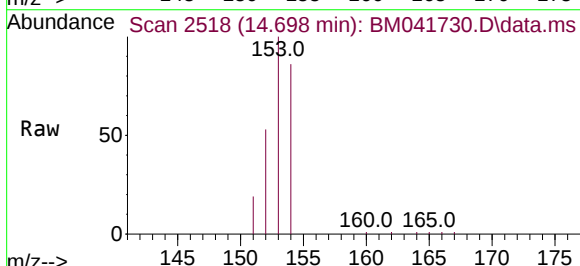
RT: 14.698 min Scan# 2518

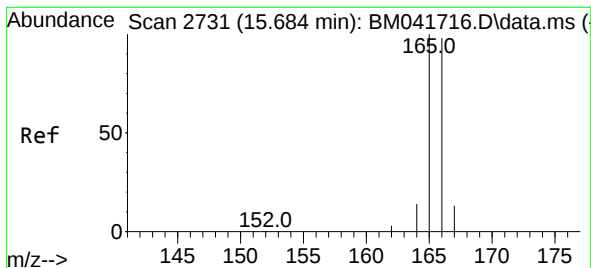
Delta R.T. -0.004 min

Lab File: BM041730.D

Acq: 08 Sep 2023 13:35

Tgt Ion:	153	Resp:	12086
Ion Ratio	Lower	Upper	
153	100		
152	52.7	43.4	65.2
154	85.8	69.4	104.0





#12

Fluorene

Concen: 0.417 ng/ul

RT: 15.684 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041730.D

Acq: 08 Sep 2023 13:35

Instrument :

BNA_M

ClientSampleId :

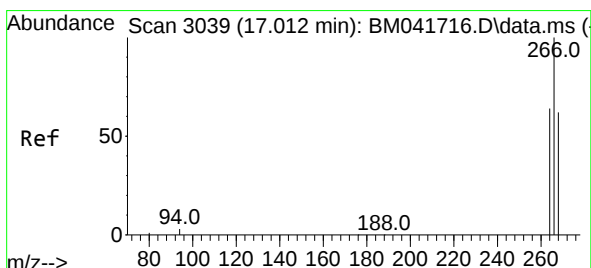
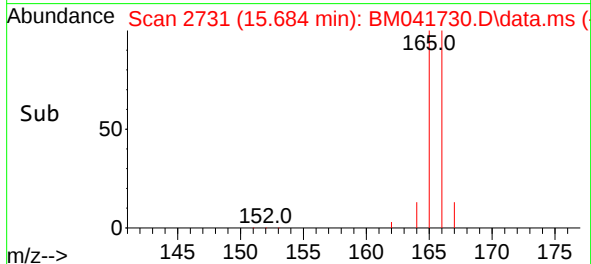
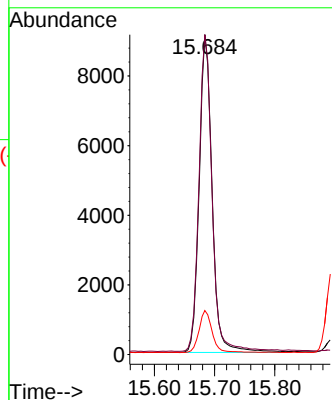
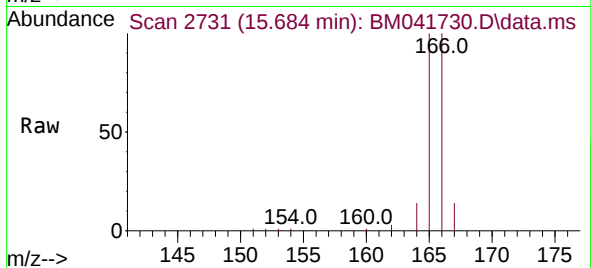
Tgt Ion:166 Resp: 13577

Ion Ratio Lower Upper

166 100

165 100.0 79.4 119.2

167 13.8 11.3 16.9



#14

Pentachlorophenol

Concen: 0.328 ng/ul

RT: 17.012 min Scan# 3039

Delta R.T. 0.000 min

Lab File: BM041730.D

Acq: 08 Sep 2023 13:35

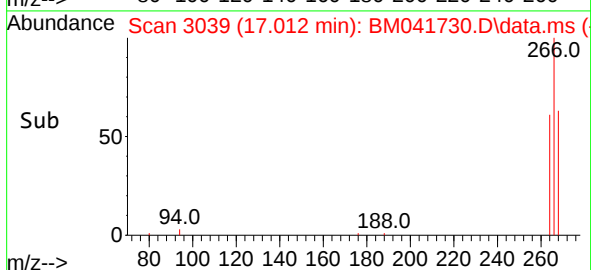
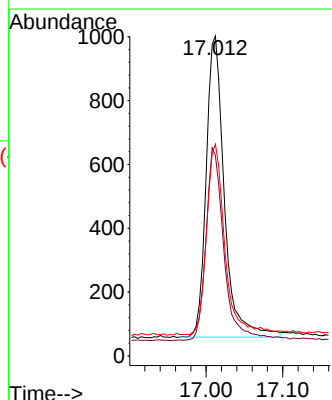
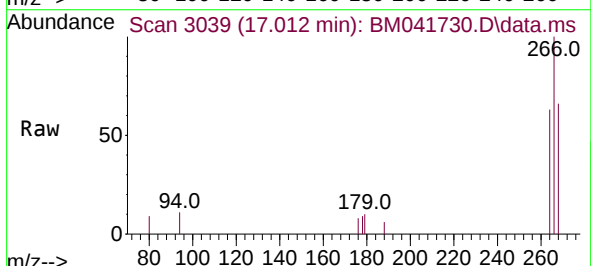
Tgt Ion:266 Resp: 1554

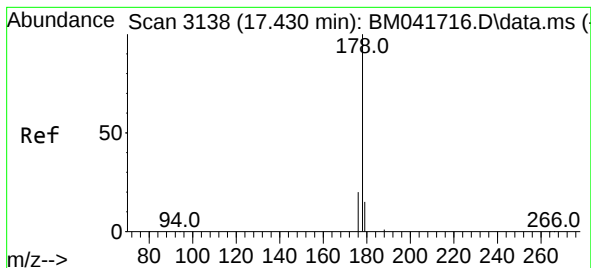
Ion Ratio Lower Upper

266 100

264 63.7 50.0 75.0

268 63.6 50.8 76.2





#15

Phenanthrene

Concen: 0.413 ng/ul

RT: 17.430 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BM041730.D

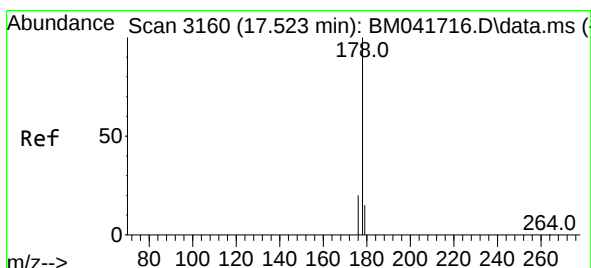
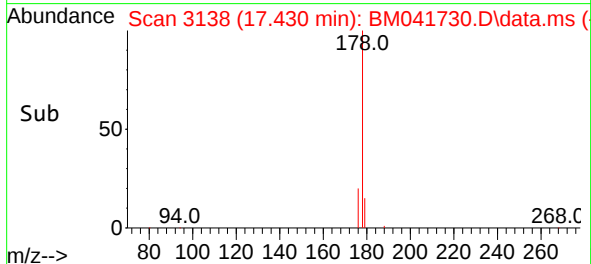
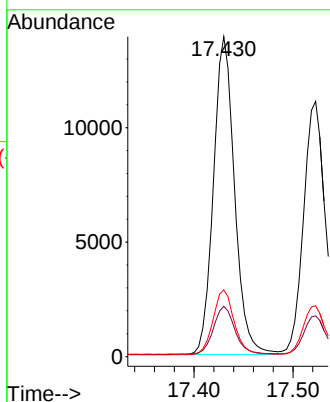
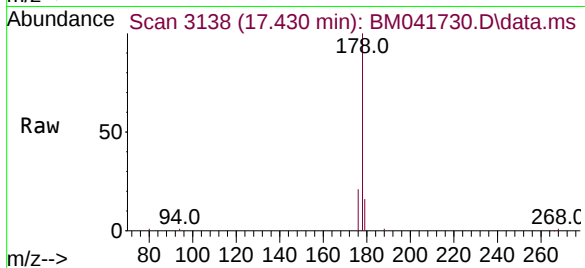
Acq: 08 Sep 2023 13:35

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:178	Resp:	20630
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.9 19.3
176	20.8	16.9 25.3



#16

Anthracene

Concen: 0.413 ng/ul

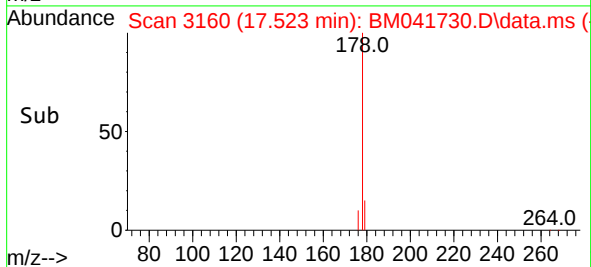
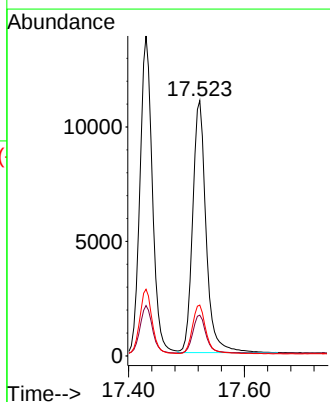
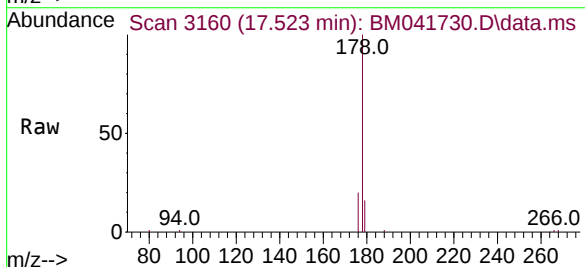
RT: 17.523 min Scan# 3160

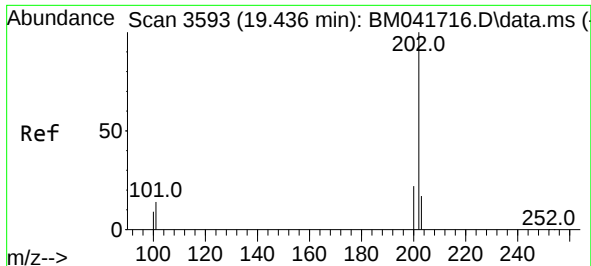
Delta R.T. 0.000 min

Lab File: BM041730.D

Acq: 08 Sep 2023 13:35

Tgt Ion:178	Resp:	17672
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.9 19.3
176	19.9	15.8 23.8





#19

Fluoranthene

Concen: 0.442 ng/ul

RT: 19.436 min Scan# 3593

Delta R.T. 0.000 min

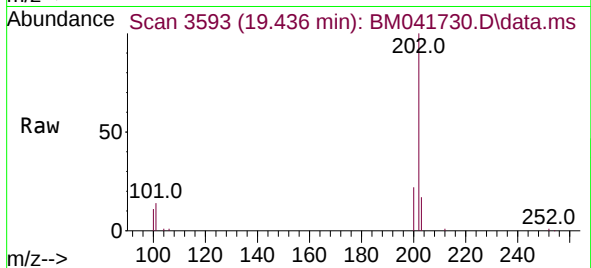
Lab File: BM041730.D

Acq: 08 Sep 2023 13:35

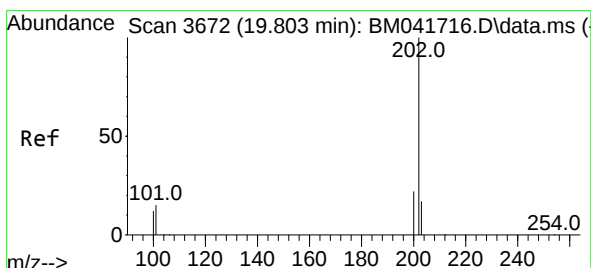
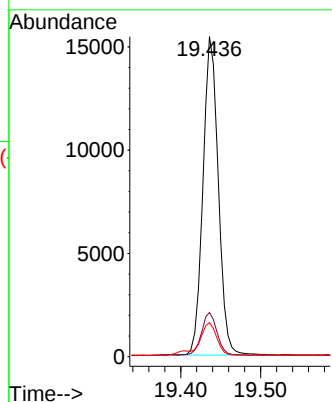
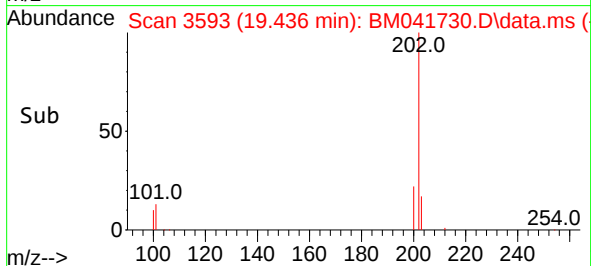
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	202	Resp:	20517
Ion Ratio	Lower	Upper	
202	100		
101	13.8	10.5	15.7
100	10.6	8.4	12.6



#20

Pyrene

Concen: 0.442 ng/ul

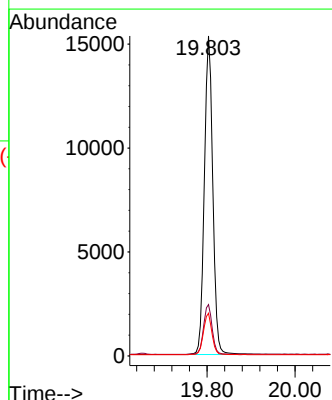
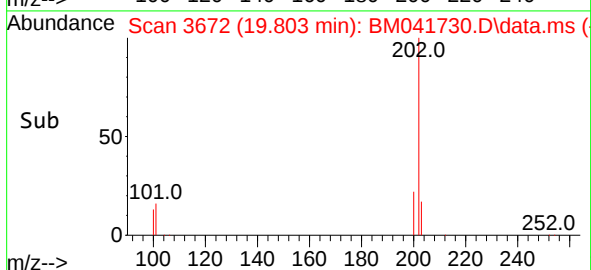
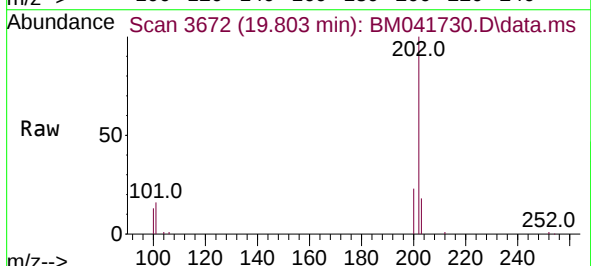
RT: 19.803 min Scan# 3672

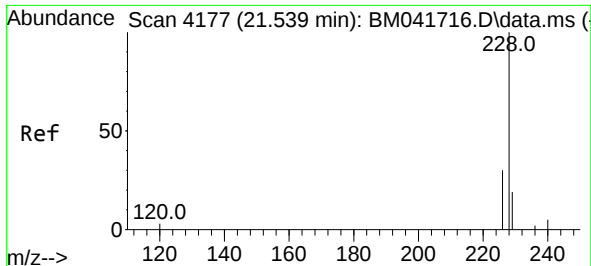
Delta R.T. 0.000 min

Lab File: BM041730.D

Acq: 08 Sep 2023 13:35

Tgt Ion:	202	Resp:	20402
Ion Ratio	Lower	Upper	
202	100		
101	16.0	11.8	17.8
100	13.3	9.8	14.6

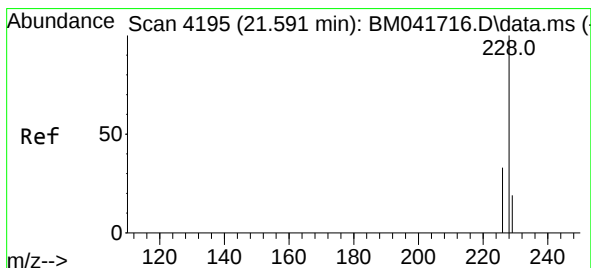
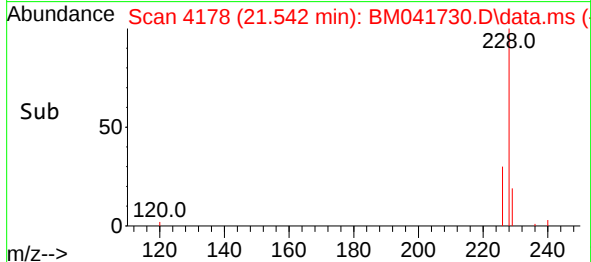
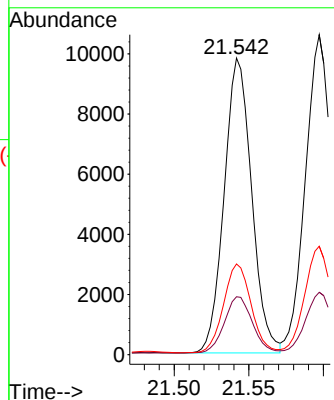
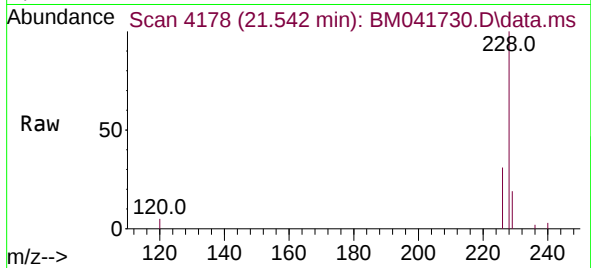




#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.542 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BM041730.D
Acq: 08 Sep 2023 13:35

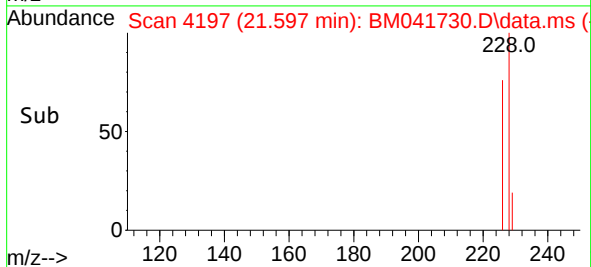
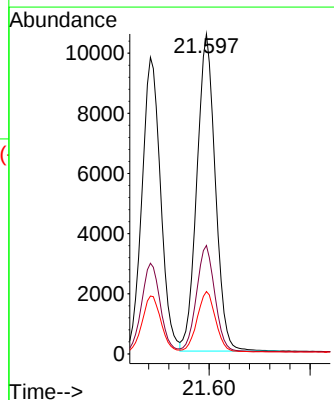
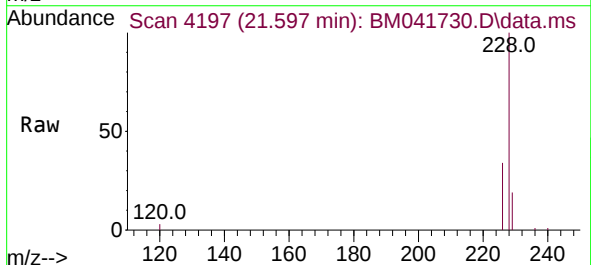
Instrument :
BNA_M
ClientSampleId :

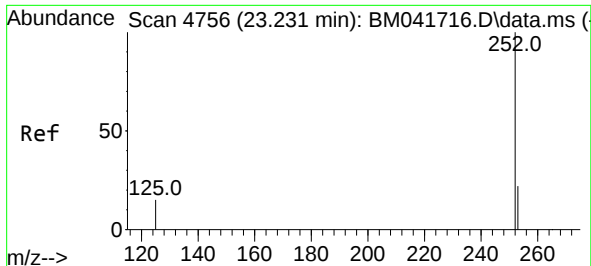
Tgt Ion:228 Resp: 12581
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.6
226 30.6 24.8 37.2



#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.597 min Scan# 4197
Delta R.T. 0.006 min
Lab File: BM041730.D
Acq: 08 Sep 2023 13:35

Tgt Ion:228 Resp: 13328
Ion Ratio Lower Upper
228 100
226 33.9 27.0 40.6
229 19.5 15.4 23.2

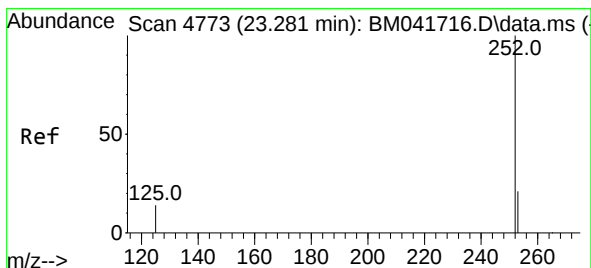
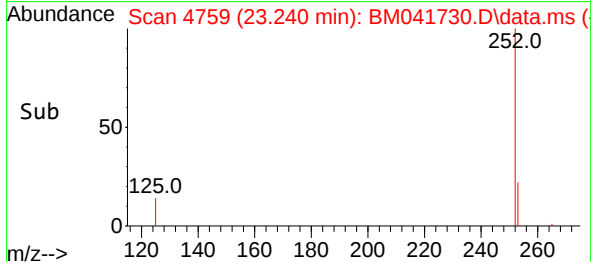
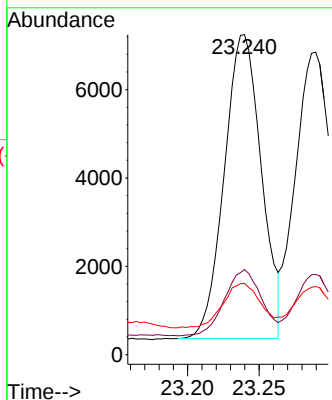
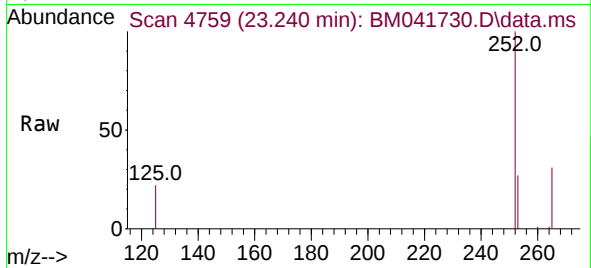




#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 23.240 min Scan# 4756
Delta R.T. 0.009 min
Lab File: BM041730.D
Acq: 08 Sep 2023 13:35

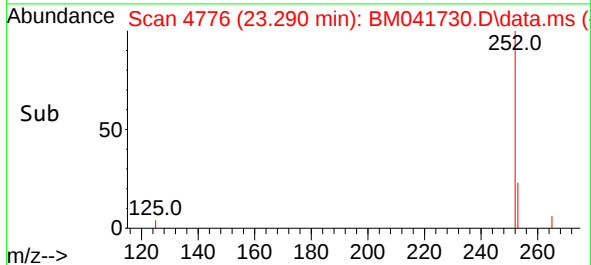
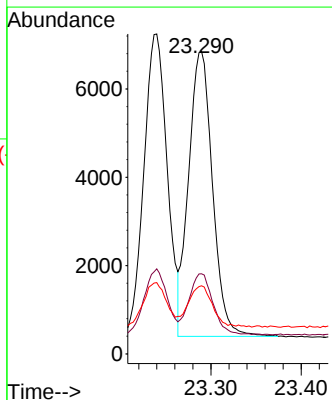
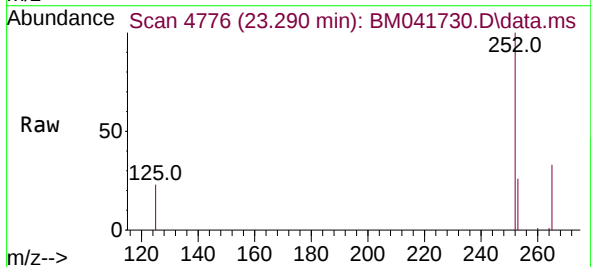
Instrument :
BNA_M
ClientSampleId :

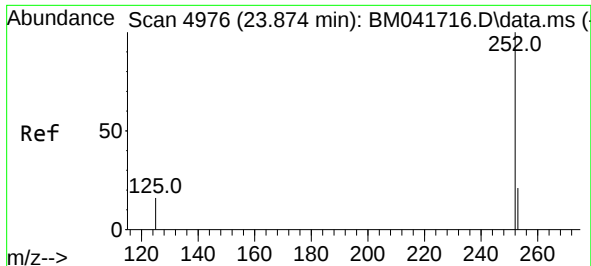
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	52.4
125	22.3	0.0	42.8



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.290 min Scan# 4776
Delta R.T. 0.009 min
Lab File: BM041730.D
Acq: 08 Sep 2023 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.3	31.9
125	22.5	17.4	26.0

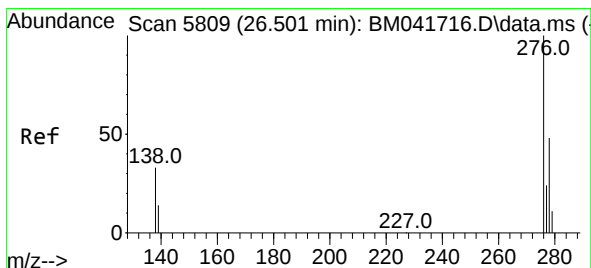
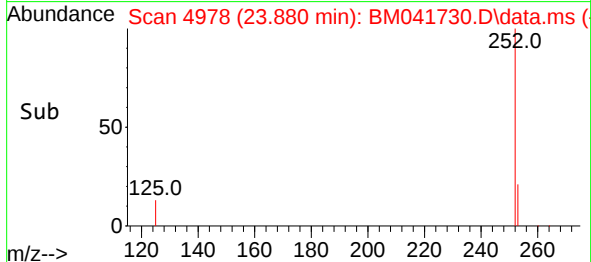
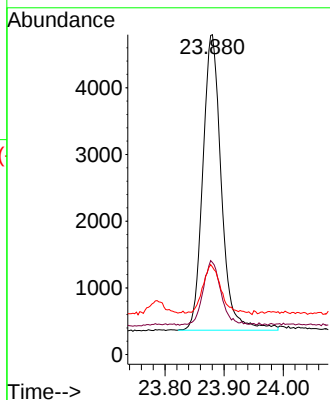
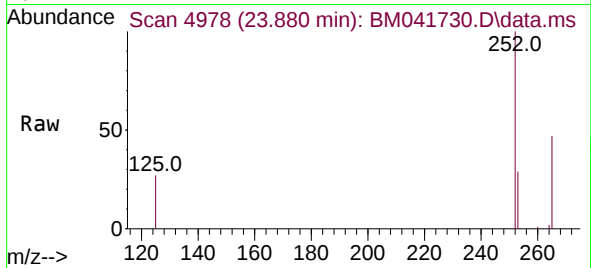




#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.880 min Scan# 4976
Delta R.T. 0.006 min
Lab File: BM041730.D
Acq: 08 Sep 2023 13:35

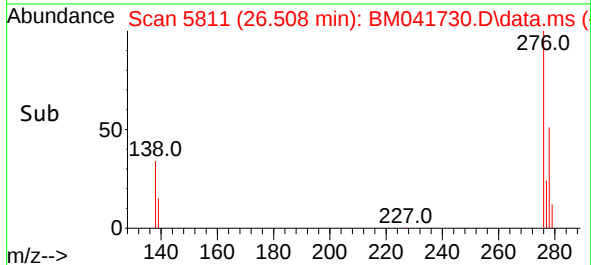
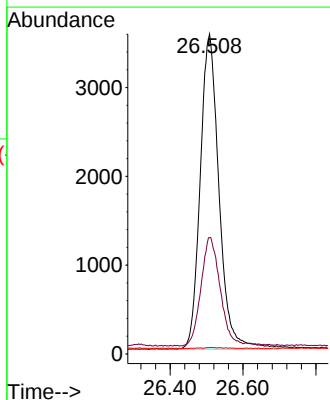
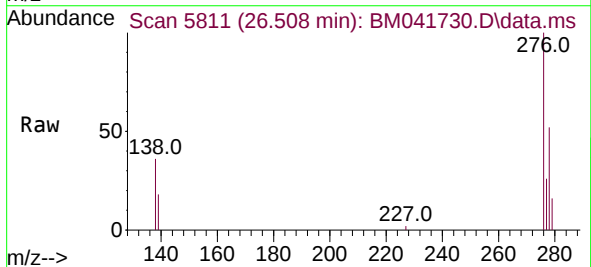
Instrument :
BNA_M
ClientSampleId :

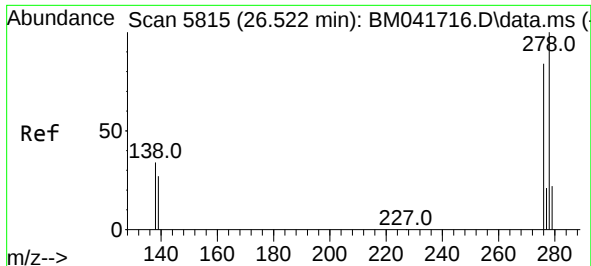
Tgt Ion:252 Resp: 9642
Ion Ratio Lower Upper
252 100
253 28.8 22.4 33.6
125 27.4 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng/ul
RT: 26.508 min Scan# 5811
Delta R.T. 0.007 min
Lab File: BM041730.D
Acq: 08 Sep 2023 13:35

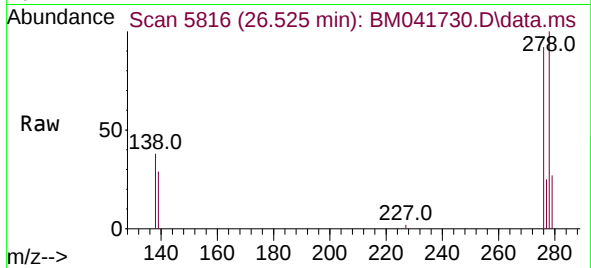
Tgt Ion:276 Resp: 12704
Ion Ratio Lower Upper
276 100
138 34.9 26.4 39.6
227 0.2 0.1 0.1#



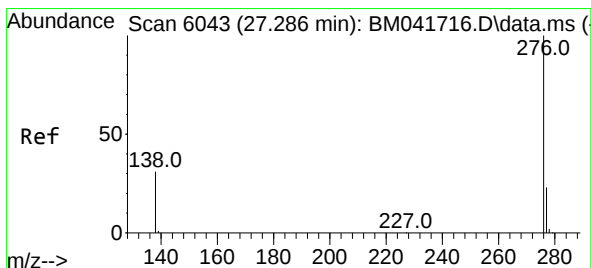
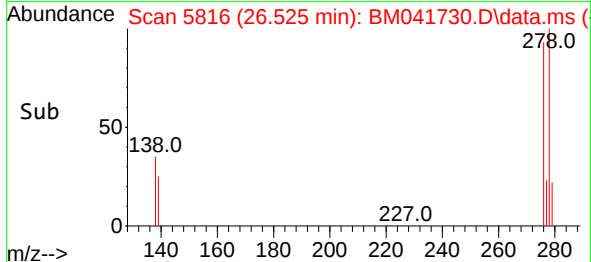
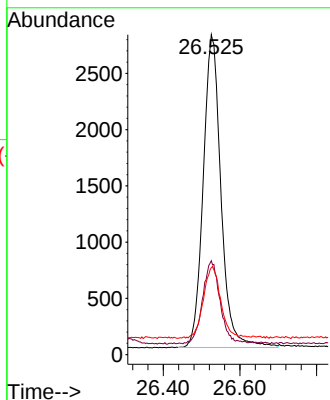


#28
 Dibenzo(a,h)anthracene
 Concen: 0.363 ng/ul
 RT: 26.525 min Scan# 5815
 Delta R.T. 0.003 min
 Lab File: BM041730.D
 Acq: 08 Sep 2023 13:35

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 8932
 Ion Ratio Lower Upper
 278 100
 139 29.3 23.0 34.6
 279 27.2 22.9 34.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.358 ng/ul
 RT: 27.290 min Scan# 6044
 Delta R.T. 0.003 min
 Lab File: BM041730.D
 Acq: 08 Sep 2023 13:35

Tgt Ion:276 Resp: 11136
 Ion Ratio Lower Upper
 276 100
 138 33.1 25.0 37.4
 277 25.2 20.2 30.2

