

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090823\
 Data File : BM041746.D
 Acq On : 09 Sep 2023 00:56
 Operator : MA/JU
 Sample : PB155276BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 09 01:33:48 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)

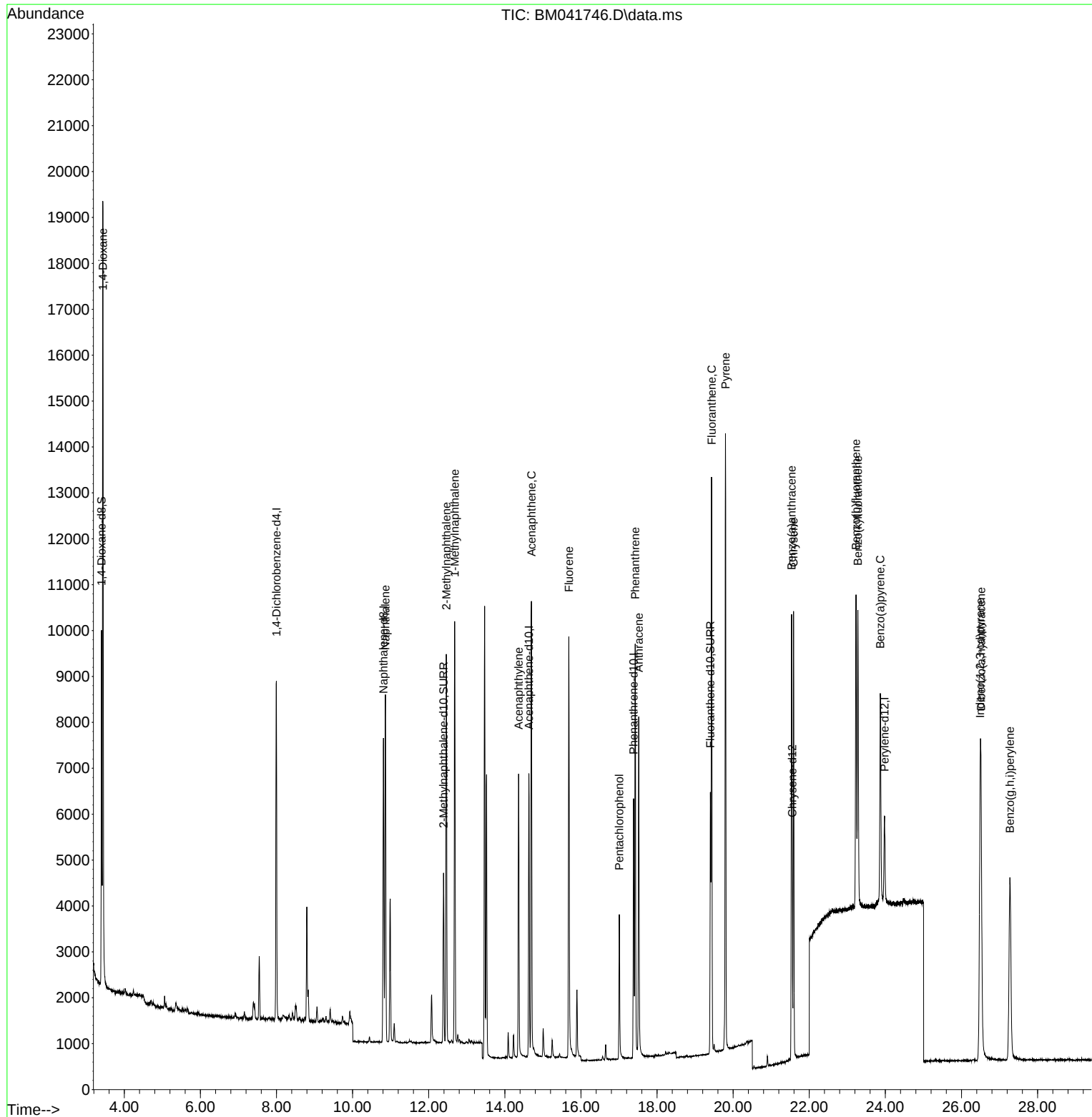
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	3646	0.400	ng/u1	0.00
4) Naphthalene-d8	10.812	136	8448	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.634	164	3248	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.384	188	6162	0.400	ng/u1	0.00
17) Chrysene-d12	21.553	240	2473	0.400	ng/u1	0.00
23) Perylene-d12	23.977	264	2650	0.400	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	4219	0.757	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.390	152	4427	0.407	ng/u1	0.00
18) Fluoranthene-d10	19.403	212	4977	0.415	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	10338	1.786	ng/u1	92
5) Naphthalene	10.862	128	10304	0.371	ng/u1	100
7) 2-Methylnaphthalene	12.462	142	5782	0.367	ng/u1	99
8) 1-Methylnaphthalene	12.682	142	6081	0.384	ng/u1	99
10) Acenaphthylene	14.361	152	7498	0.374	ng/u1	99
11) Acenaphthene	14.698	153	5794	0.371	ng/u1	99
12) Fluorene	15.684	166	6363	0.364	ng/u1	99
14) Pentachlorophenol	17.008	266	2073	0.841	ng/u1	99
15) Phenanthrene	17.426	178	9929	0.382	ng/u1	100
16) Anthracene	17.519	178	8445	0.379	ng/u1	98
19) Fluoranthene	19.436	202	10549	0.361	ng/u1	99
20) Pyrene	19.798	202	10814	0.373	ng/u1	97
21) Benzo(a)anthracene	21.536	228	7797	0.387	ng/u1	99
22) Chrysene	21.588	228	8250	0.379	ng/u1	99
24) Benzo(b)fluoranthene	23.228	252	8944	0.377	ng/u1	93
25) Benzo(k)fluoranthene	23.278	252	8462	0.365	ng/u1	94
26) Benzo(a)pyrene	23.868	252	7433	0.386	ng/u1	92
27) Indeno(1,2,3-cd)pyrene	26.491	276	10350	0.392	ng/u1#	96
28) Dibenzo(a,h)anthracene	26.512	278	7416	0.400	ng/u1	100
29) Benzo(g,h,i)perylene	27.273	276	9089	0.388	ng/u1	96

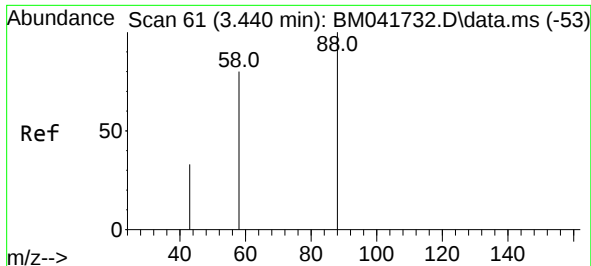
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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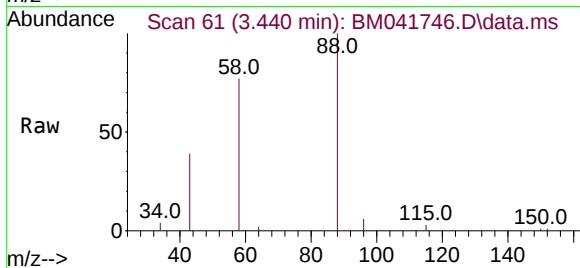
Quant Time: Sep 09 01:33:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 06:08:11 2023
Response via : Initial Calibration



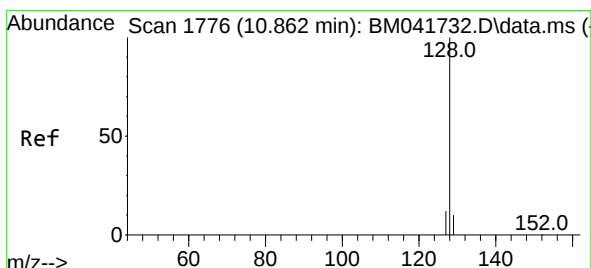
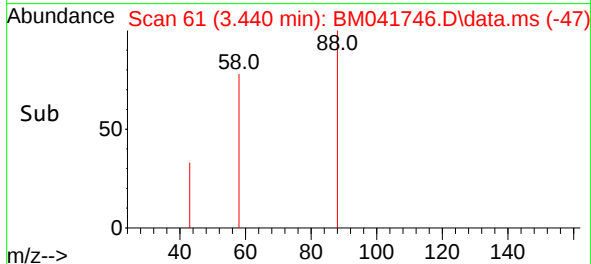
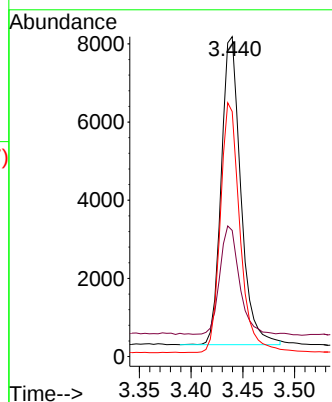


#2
 1,4-Dioxane
 Concen: 1.786 ng/ul
 RT: 3.440 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BM041746.D
 Acq: 09 Sep 2023 00:56

Instrument :
 BNA_M
 ClientSampleId :

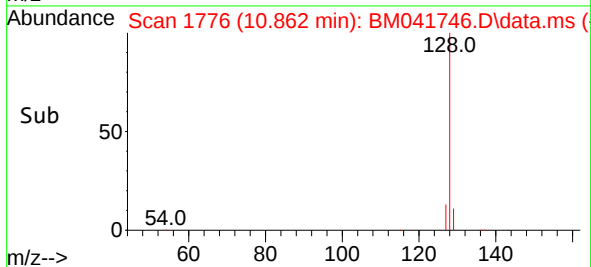
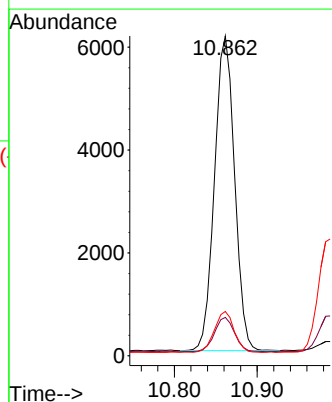
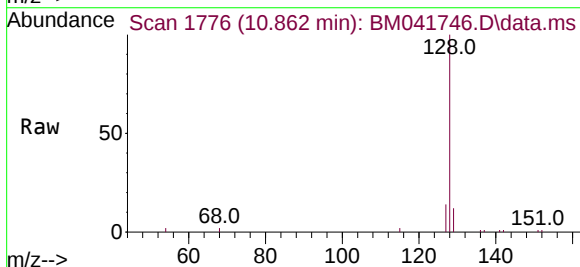


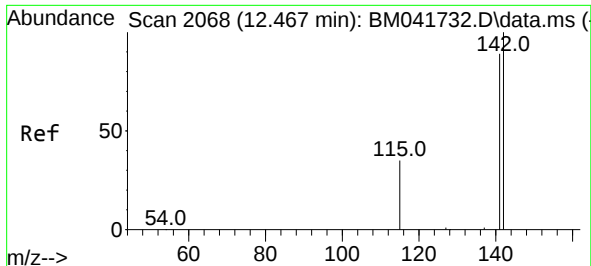
Tgt Ion:	88	Resp:	10338
Ion	Ratio	Lower	Upper
88	100		
43	39.4	33.8	50.6
58	76.6	54.2	81.2



#5
 Naphthalene
 Concen: 0.371 ng/ul
 RT: 10.862 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: BM041746.D
 Acq: 09 Sep 2023 00:56

Tgt Ion:	128	Resp:	10304
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	13.9	11.0	16.6

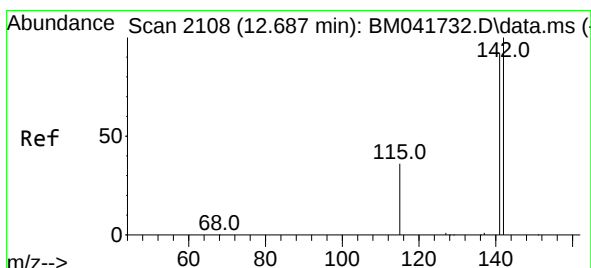
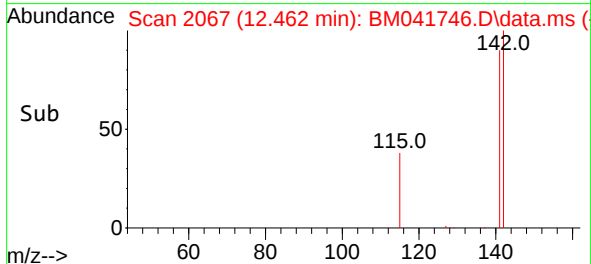
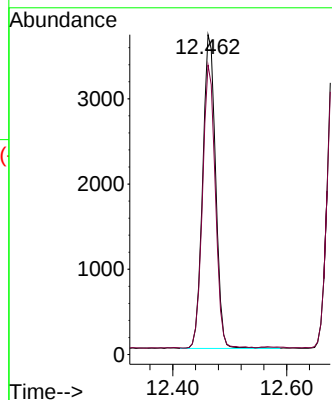
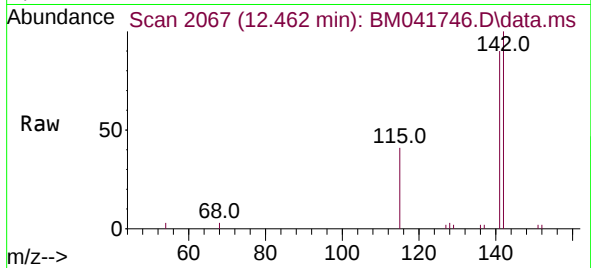




#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.462 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BM041746.D
Acq: 09 Sep 2023 00:56

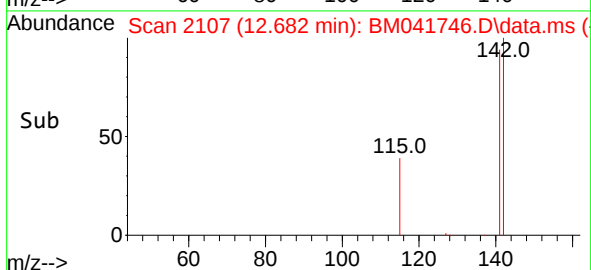
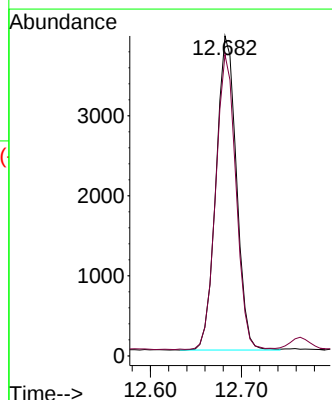
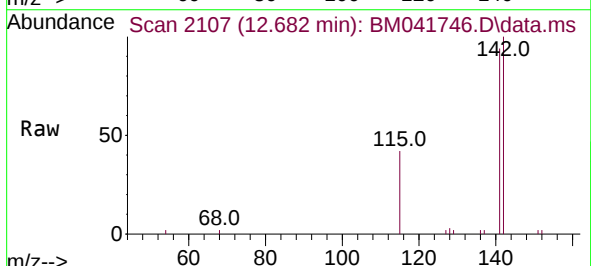
Instrument :
BNA_M
ClientSampleId :

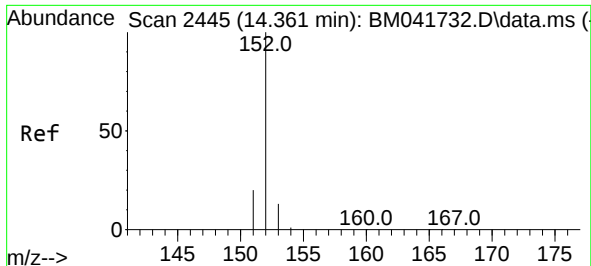
Tgt Ion:142 Resp: 5782
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. -0.005 min
Lab File: BM041746.D
Acq: 09 Sep 2023 00:56

Tgt Ion:142 Resp: 6081
Ion Ratio Lower Upper
142 100
141 93.7 74.4 111.6

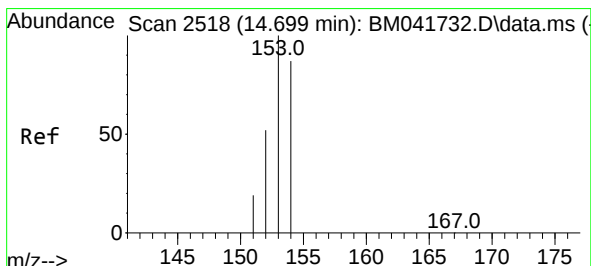
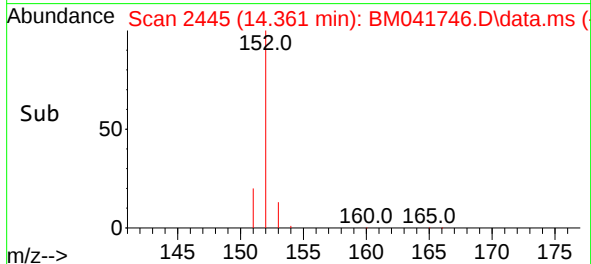
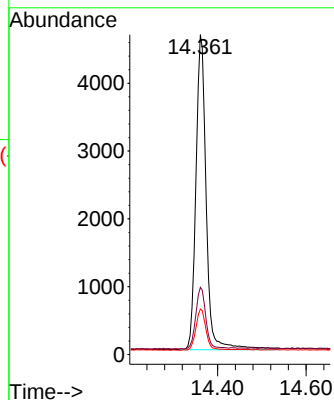
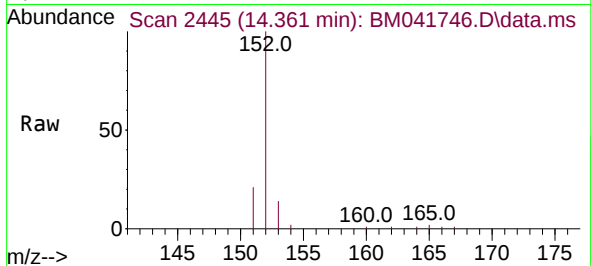




#10
Acenaphthylene
Concen: 0.374 ng/ul
RT: 14.361 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BM041746.D
Acq: 09 Sep 2023 00:56

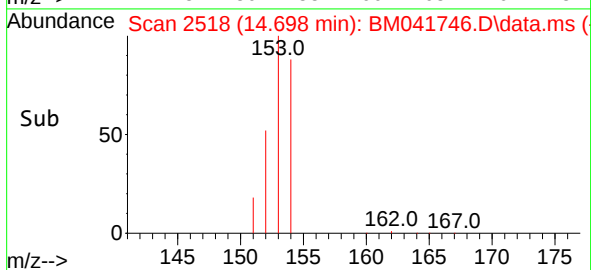
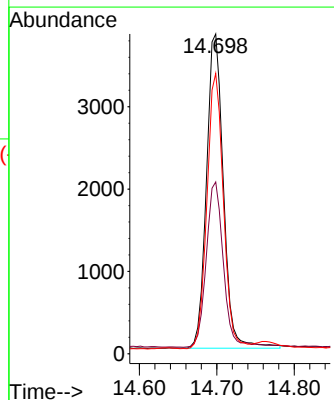
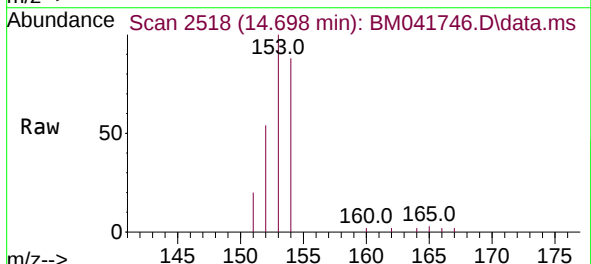
Instrument :
BNA_M
ClientSampleId :

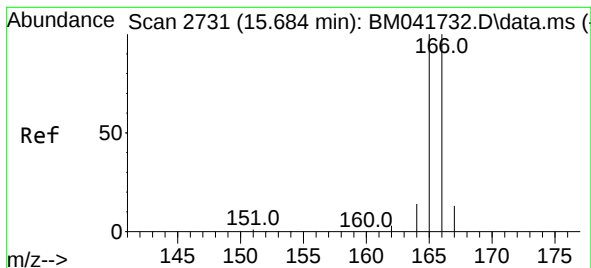
Tgt Ion:152 Resp: 7498
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 14.2 11.1 16.7



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.698 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM041746.D
Acq: 09 Sep 2023 00:56

Tgt Ion:153 Resp: 5794
Ion Ratio Lower Upper
153 100
152 53.7 43.4 65.2
154 87.6 69.4 104.0





#12

Fluorene

Concen: 0.364 ng/ul

RT: 15.684 min Scan# 2731

Delta R.T. 0.000 min

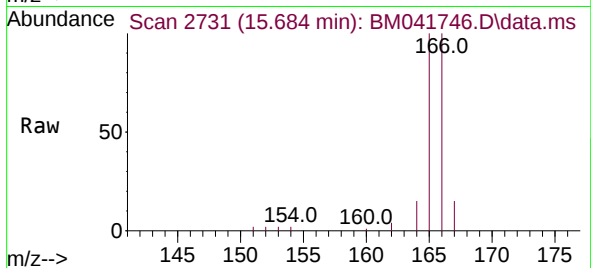
Lab File: BM041746.D

Acq: 09 Sep 2023 00:56

Instrument :

BNA_M

ClientSampleId :



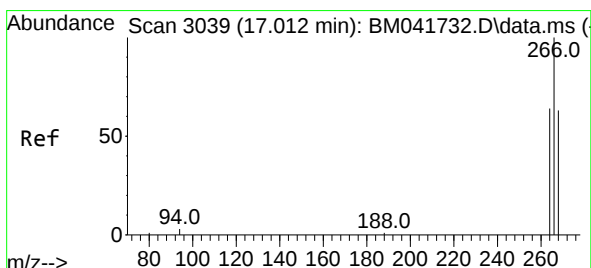
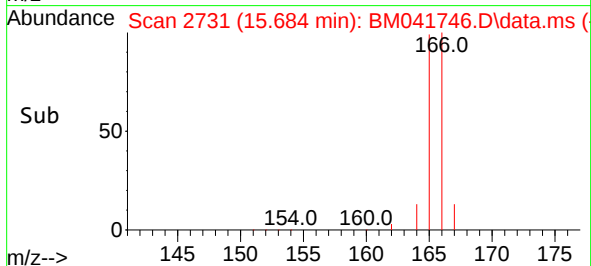
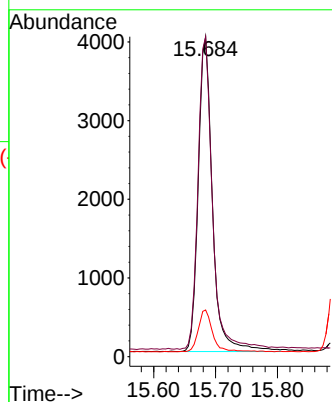
Tgt Ion:166 Resp: 6363

Ion Ratio Lower Upper

166 100

165 100.0 79.4 119.2

167 14.6 11.3 16.9



#14

Pentachlorophenol

Concen: 0.841 ng/ul

RT: 17.008 min Scan# 3038

Delta R.T. -0.004 min

Lab File: BM041746.D

Acq: 09 Sep 2023 00:56

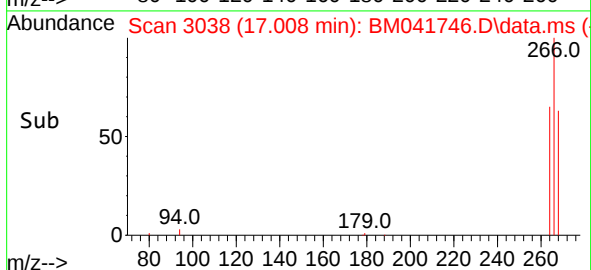
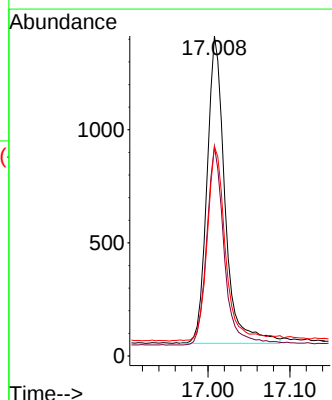
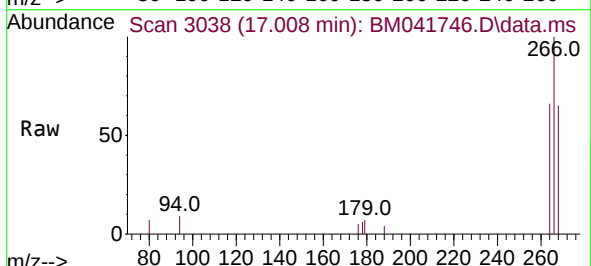
Tgt Ion:266 Resp: 2073

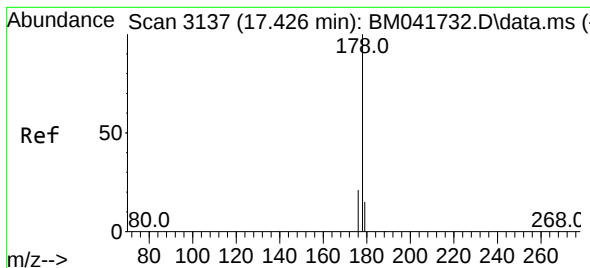
Ion Ratio Lower Upper

266 100

264 63.0 50.0 75.0

268 63.9 50.8 76.2





#15

Phenanthrene

Concen: 0.382 ng/ul

RT: 17.426 min Scan# 3137

Delta R.T. -0.004 min

Lab File: BM041746.D

Acq: 09 Sep 2023 00:56

Instrument :

BNA_M

ClientSampleId :

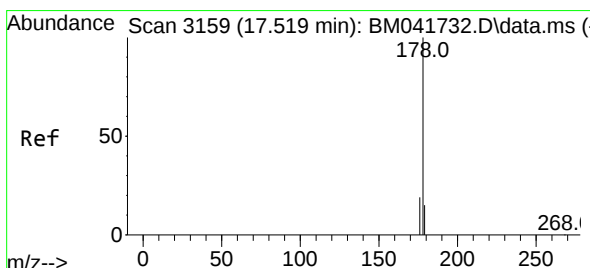
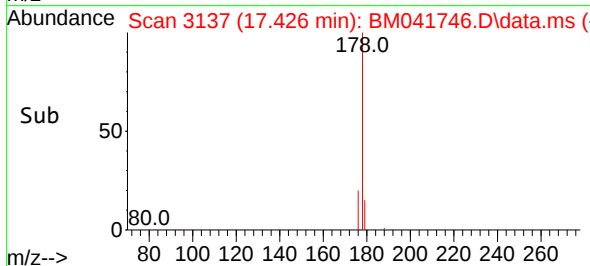
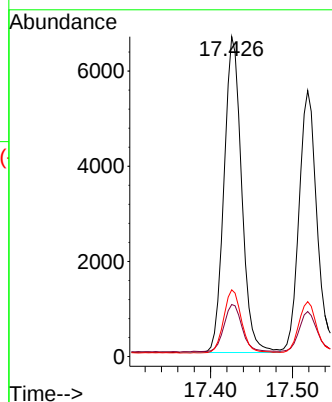
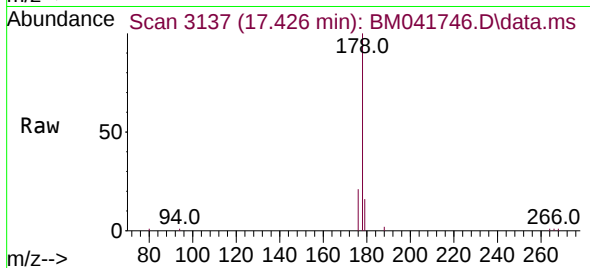
Tgt Ion:178 Resp: 9929

Ion Ratio Lower Upper

178 100

179 16.3 12.9 19.3

176 20.9 16.9 25.3



#16

Anthracene

Concen: 0.379 ng/ul

RT: 17.519 min Scan# 3159

Delta R.T. -0.004 min

Lab File: BM041746.D

Acq: 09 Sep 2023 00:56

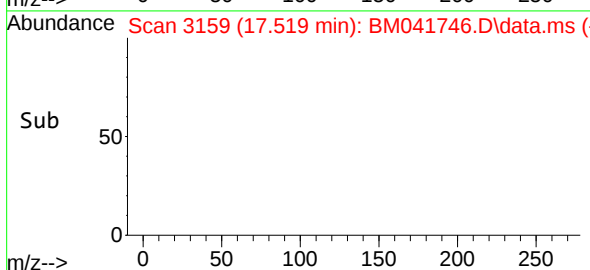
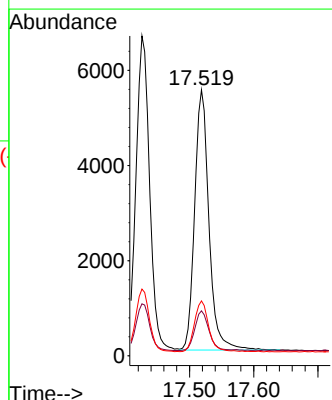
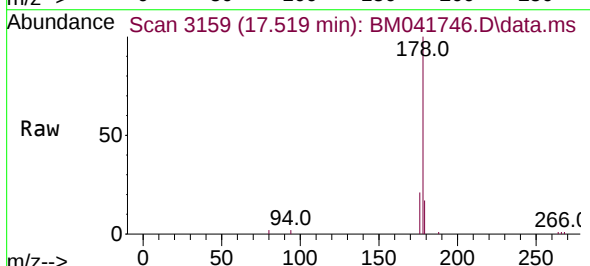
Tgt Ion:178 Resp: 8445

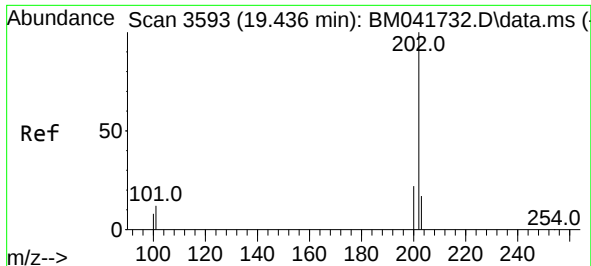
Ion Ratio Lower Upper

178 100

179 16.9 12.9 19.3

176 20.7 15.8 23.8

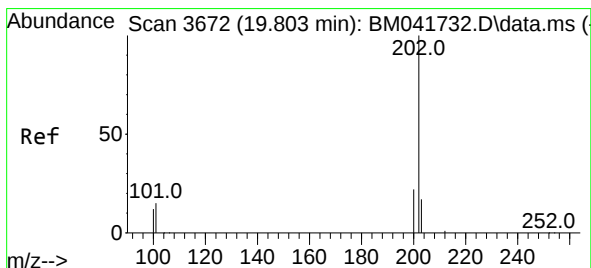
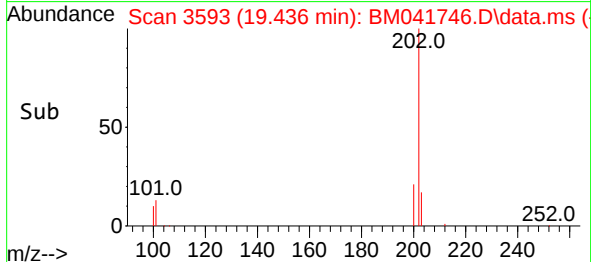
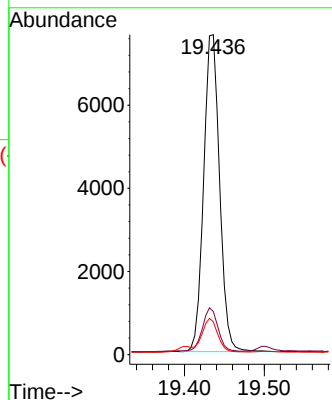
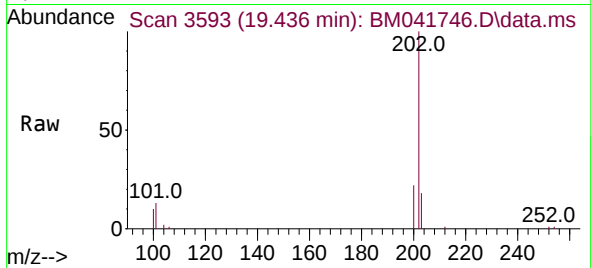




#19
Fluoranthene
Concen: 0.361 ng/ul
RT: 19.436 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM041746.D
Acq: 09 Sep 2023 00:56

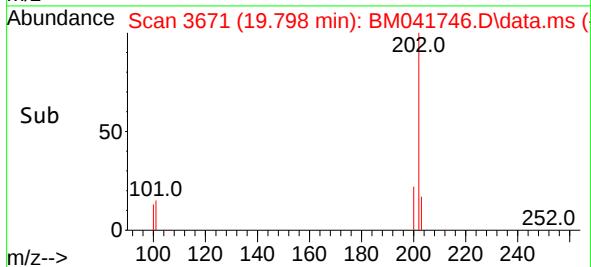
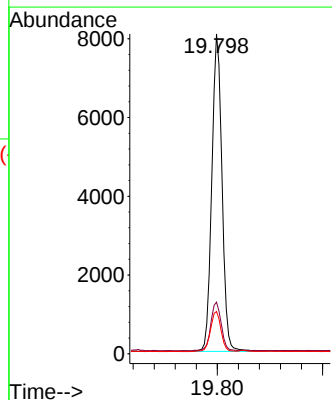
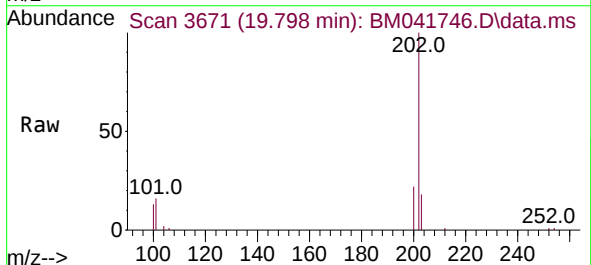
Instrument :
BNA_M
ClientSampleId :

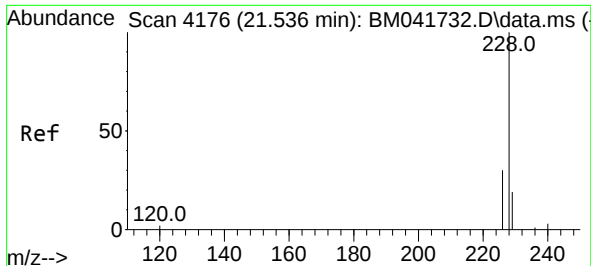
Tgt Ion:	202	Resp:	10549
Ion Ratio	Lower	Upper	
202	100		
101	13.5	10.5	15.7
100	10.2	8.4	12.6



#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.798 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BM041746.D
Acq: 09 Sep 2023 00:56

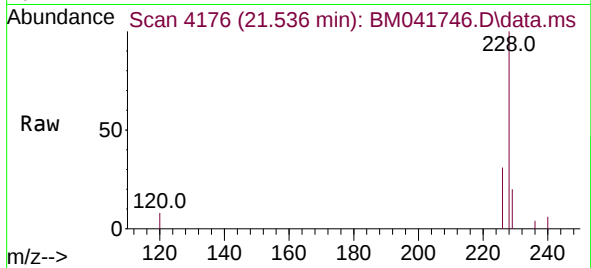
Tgt Ion:	202	Resp:	10814
Ion Ratio	Lower	Upper	
202	100		
101	16.2	11.8	17.8
100	13.2	9.8	14.6



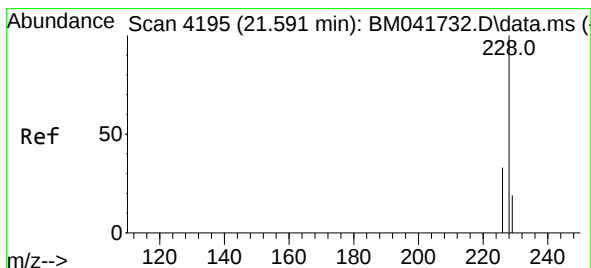
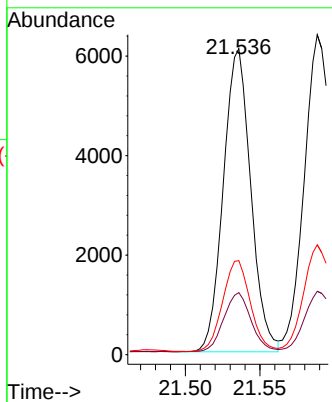
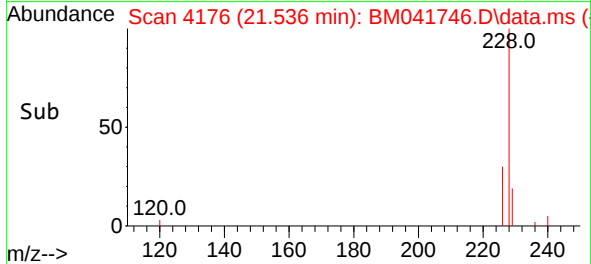


#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.536 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM041746.D
Acq: 09 Sep 2023 00:56

Instrument :
BNA_M
ClientSampleId :

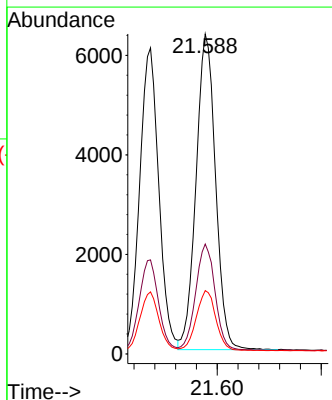
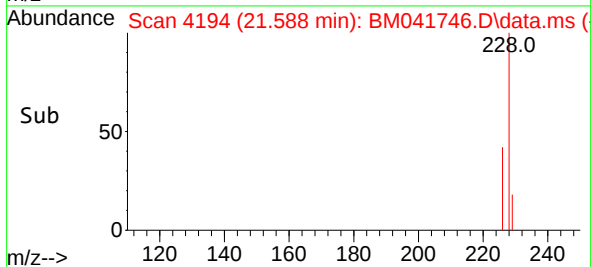
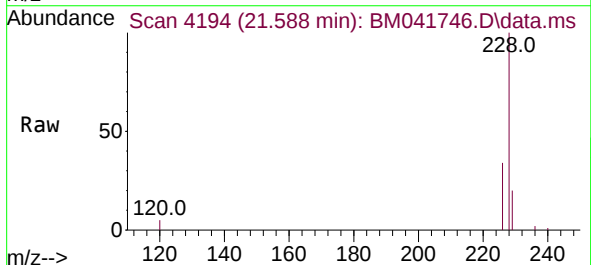


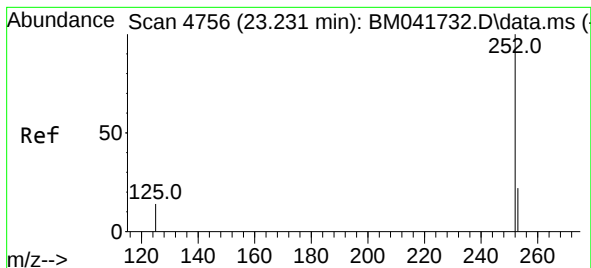
Tgt Ion:228 Resp: 7797
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 30.7 24.8 37.2



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.588 min Scan# 4194
Delta R.T. -0.003 min
Lab File: BM041746.D
Acq: 09 Sep 2023 00:56

Tgt Ion:228 Resp: 8250
Ion Ratio Lower Upper
228 100
226 34.3 27.0 40.6
229 19.8 15.4 23.2





#24

Benzo(b)fluoranthene

Concen: 0.377 ng/ul

RT: 23.228 min Scan# 4755

Delta R.T. -0.003 min

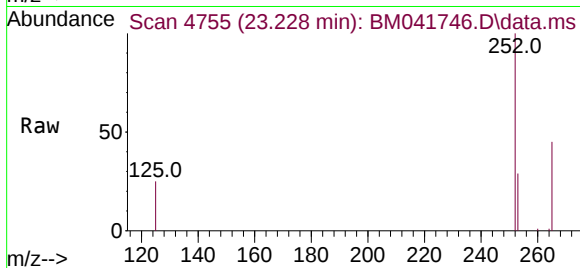
Lab File: BM041746.D

Acq: 09 Sep 2023 00:56

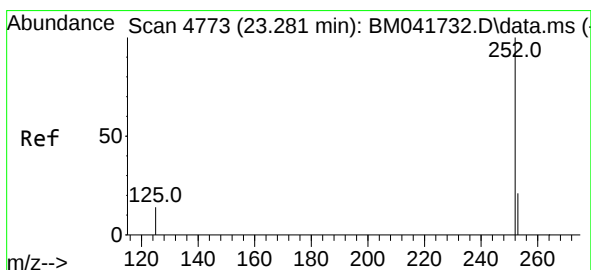
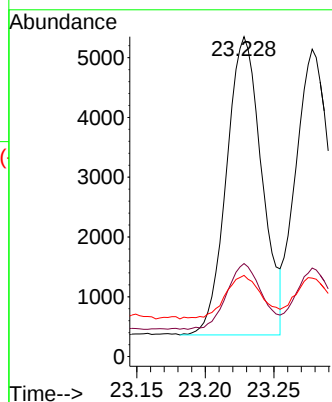
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	252	Resp:	8944
Ion Ratio	Lower	Upper	
252	100		
253	29.1	0.0	52.4
125	25.4	0.0	42.8



#25

Benzo(k)fluoranthene

Concen: 0.365 ng/ul

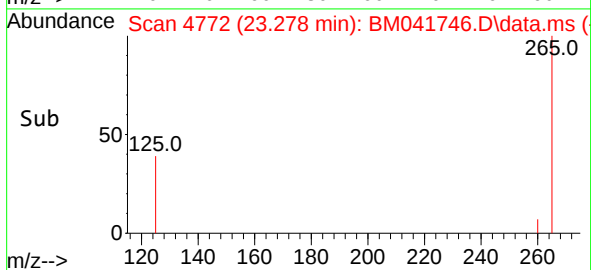
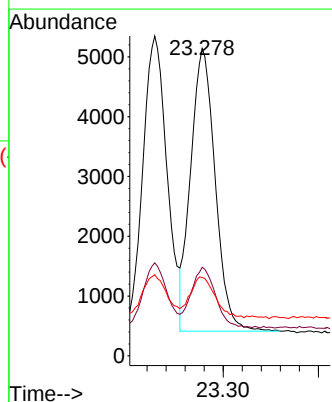
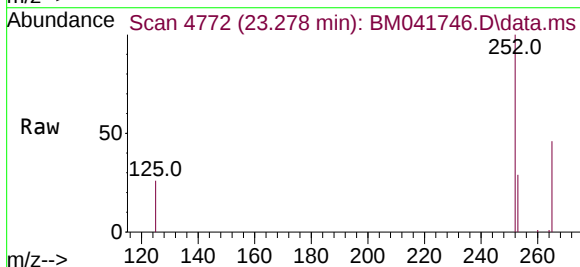
RT: 23.278 min Scan# 4772

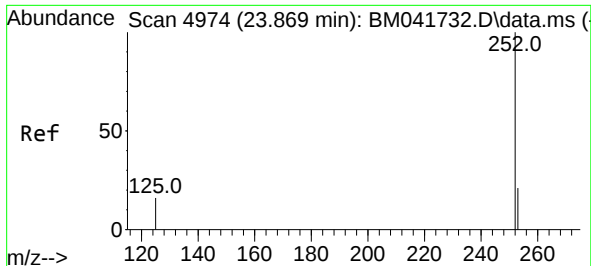
Delta R.T. -0.003 min

Lab File: BM041746.D

Acq: 09 Sep 2023 00:56

Tgt Ion:	252	Resp:	8462
Ion Ratio	Lower	Upper	
252	100		
253	28.8	21.3	31.9
125	25.5	17.4	26.0

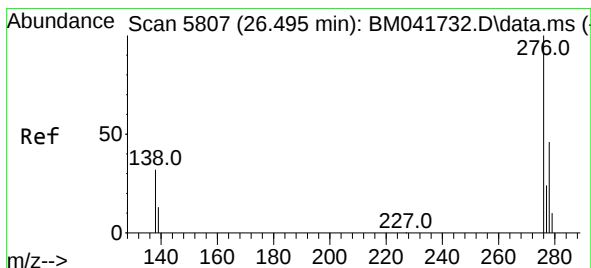
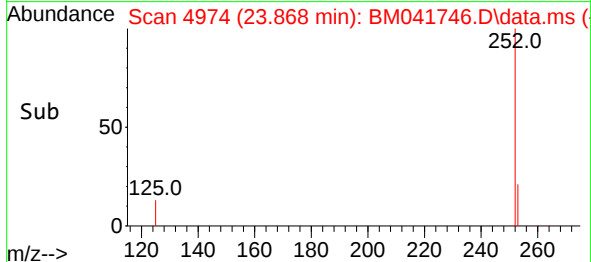
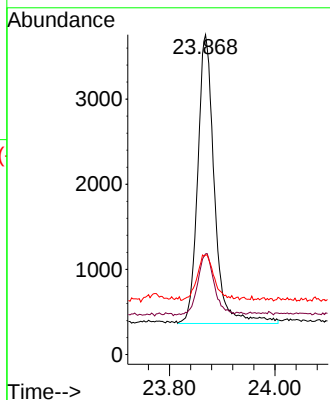
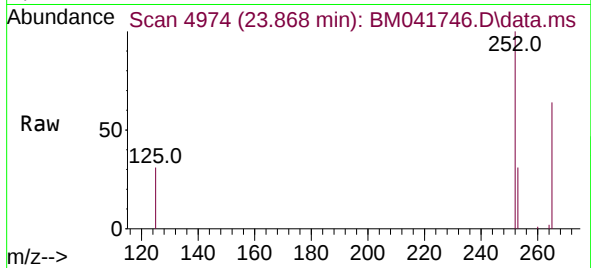




#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.868 min Scan# 4974
Delta R.T. -0.006 min
Lab File: BM041746.D
Acq: 09 Sep 2023 00:56

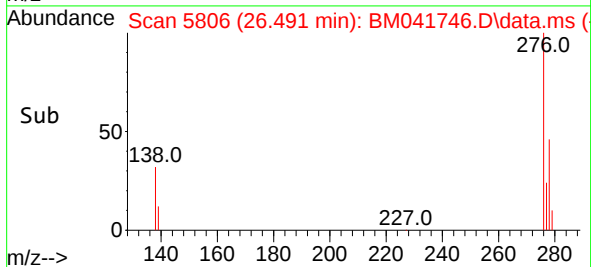
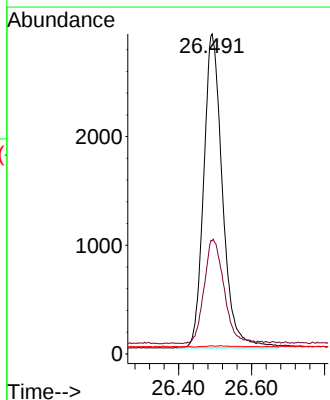
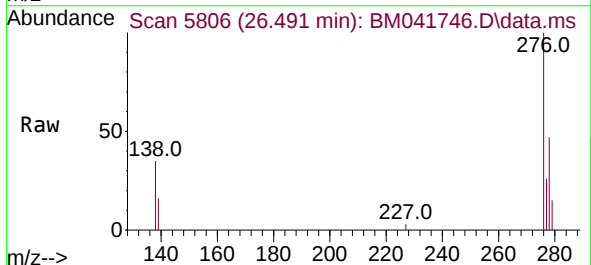
Instrument :
BNA_M
ClientSampleId :

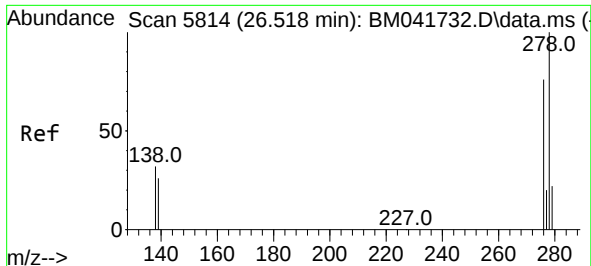
Tgt Ion:252 Resp: 7433
Ion Ratio Lower Upper
252 100
253 31.5 22.4 33.6
125 31.1 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 26.491 min Scan# 5806
Delta R.T. -0.010 min
Lab File: BM041746.D
Acq: 09 Sep 2023 00:56

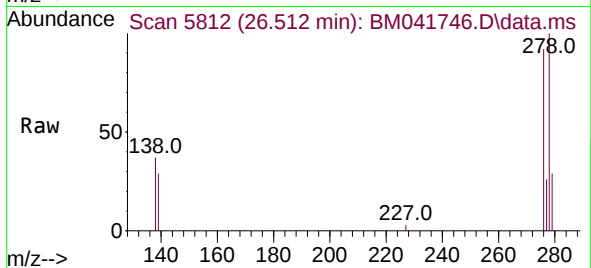
Tgt Ion:276 Resp: 10350
Ion Ratio Lower Upper
276 100
138 35.1 26.4 39.6
227 0.1 0.1 0.1#



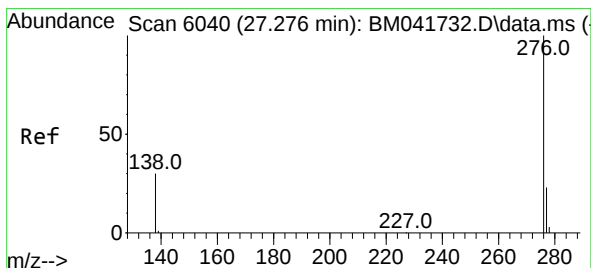
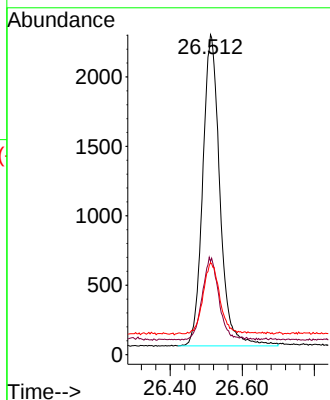
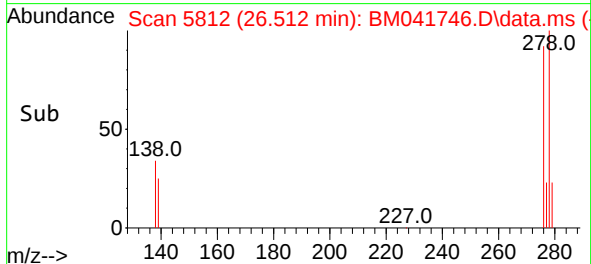


#28
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 26.512 min Scan# 5814
Delta R.T. -0.010 min
Lab File: BM041746.D
Acq: 09 Sep 2023 00:56

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 7416
Ion Ratio Lower Upper
278 100
139 29.1 23.0 34.6
279 28.8 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.388 ng/ul
RT: 27.273 min Scan# 6039
Delta R.T. -0.013 min
Lab File: BM041746.D
Acq: 09 Sep 2023 00:56

Tgt Ion:276 Resp: 9089
Ion Ratio Lower Upper
276 100
138 34.2 25.0 37.4
277 26.1 20.2 30.2

