

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072623\
 Data File : BM041129.D
 Acq On : 26 Jul 2023 11:06
 Operator : MA/JU
 Sample : 03553-10MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4701MS

Quant Time: Jul 27 01:17:53 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)

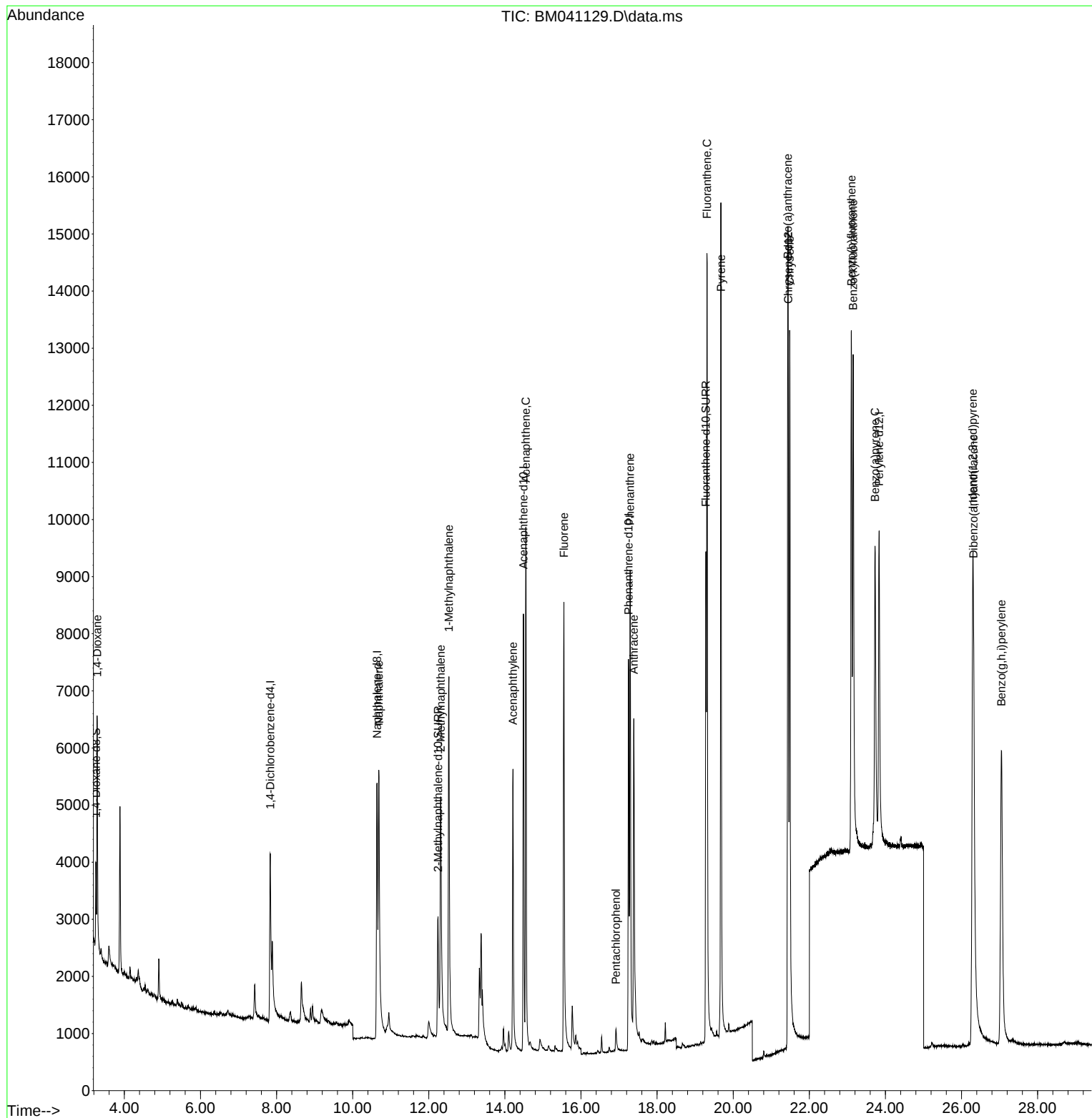
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	2672	0.400	ng/ul	0.00
4) Naphthalene-d8	10.641	136	9299	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.486	164	4821	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	9519	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	8791	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	8616	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	980	0.238	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	4522	0.341	ng/ul	0.00
18) Fluoranthene-d10	19.282	212	11057	0.462	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.288	88	2558	0.607	ng/ul#	54
5) Naphthalene	10.685	128	8710	0.288	ng/ul	99
7) 2-Methylnaphthalene	12.313	142	4905	0.331	ng/ul	99
8) 1-Methylnaphthalene	12.528	142	5386	0.354	ng/ul	99
10) Acenaphthylene	14.213	152	6838	0.336	ng/ul	100
11) Acenaphthene	14.550	153	5798	0.337	ng/ul	98
12) Fluorene	15.550	166	6365	0.339	ng/ul	99
14) Pentachlorophenol	16.919	266	384	0.139	ng/ul	93
15) Phenanthrene	17.291	178	10539	0.359	ng/ul	98
16) Anthracene	17.388	178	8553	0.360	ng/ul	99
19) Fluoranthene	19.315	202	13521	0.429	ng/ul	98
20) Pyrene	19.677	202	14332	0.413	ng/ul	99
21) Benzo(a)anthracene	21.434	228	11765	0.400	ng/ul	99
22) Chrysene	21.483	228	12946	0.381	ng/ul	100
24) Benzo(b)fluoranthene	23.105	252	13285	0.387	ng/ul	100
25) Benzo(k)fluoranthene	23.152	252	12661	0.386	ng/ul	100
26) Benzo(a)pyrene	23.728	252	10865	0.391	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.297	276	15602	0.379	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.314	278	12292	0.381	ng/ul	99
29) Benzo(g,h,i)perylene	27.051	276	13841	0.376	ng/ul	99

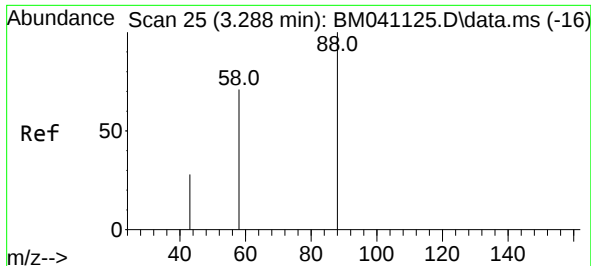
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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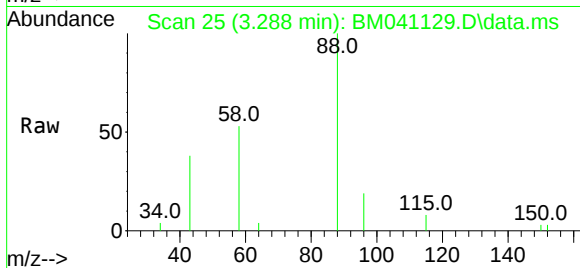
Quant Time: Jul 27 01:17:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
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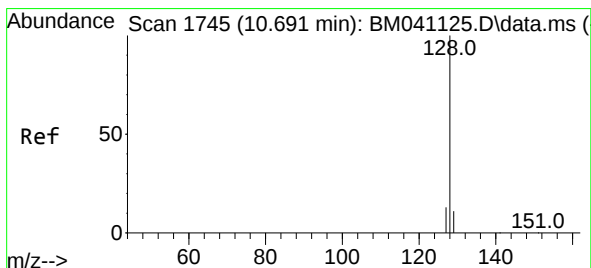
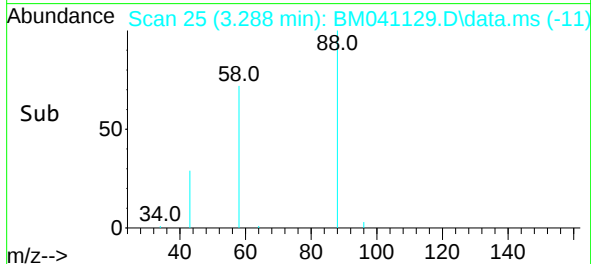
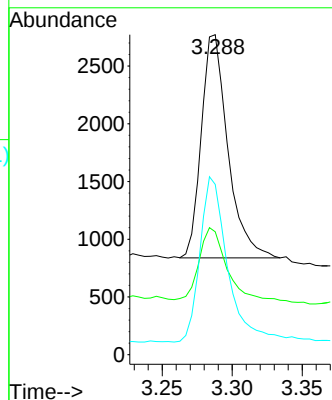


#2
1,4-Dioxane
Concen: 0.607 ng/ul
RT: 3.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041129.D
Acq: 26 Jul 2023 11:06

Instrument :
BNA_M
ClientSampleId :
A4701MS

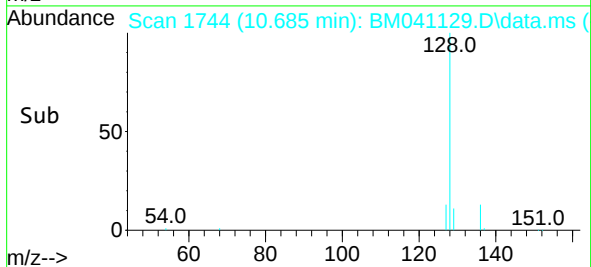
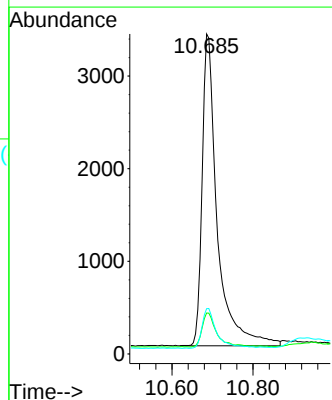
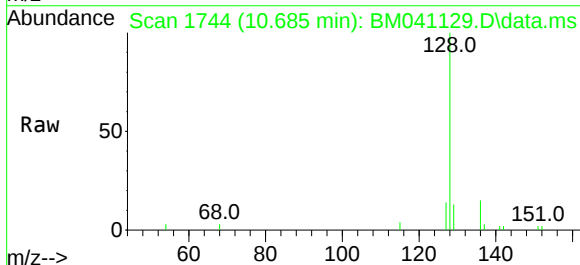


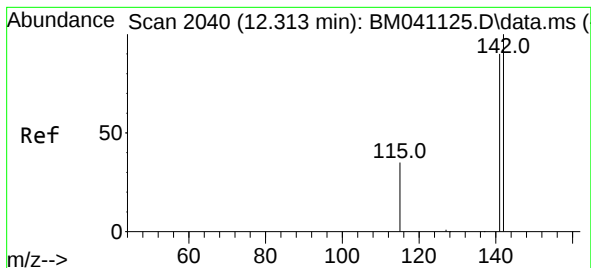
Tgt Ion: 88 Resp: 2558
Ion Ratio Lower Upper
88 100
43 38.4 83.1 124.7#
58 53.2 38.8 58.2



#5
Naphthalene
Concen: 0.288 ng/ul
RT: 10.685 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM041129.D
Acq: 26 Jul 2023 11:06

Tgt Ion: 128 Resp: 8710
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.8
127 14.2 11.1 16.7

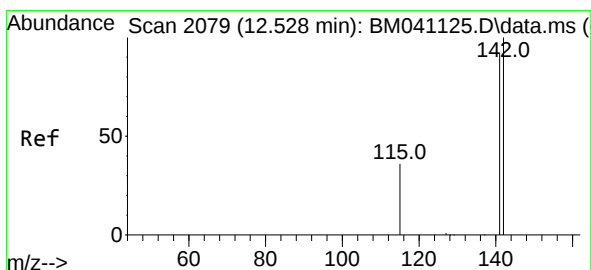
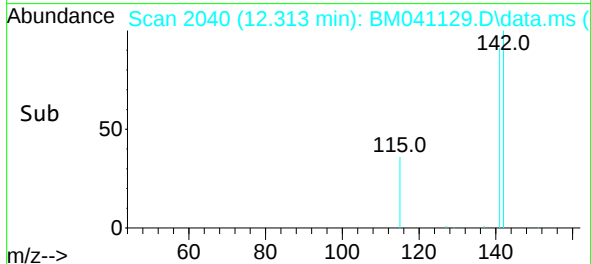
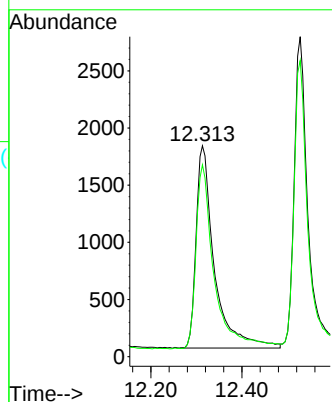
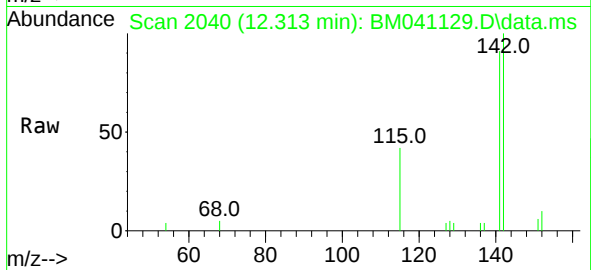




#7
2-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.313 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BM041129.D
Acq: 26 Jul 2023 11:06

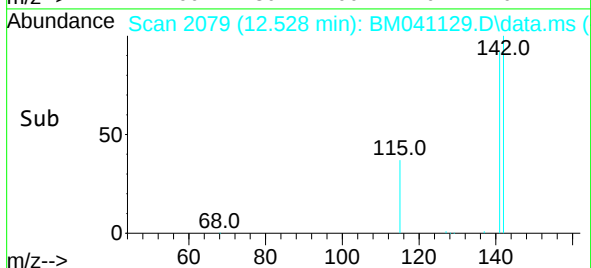
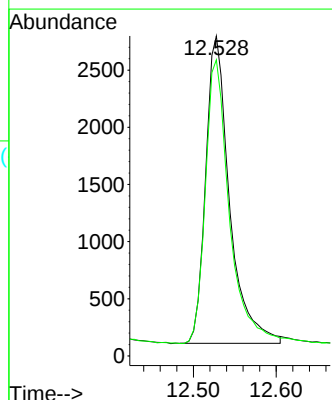
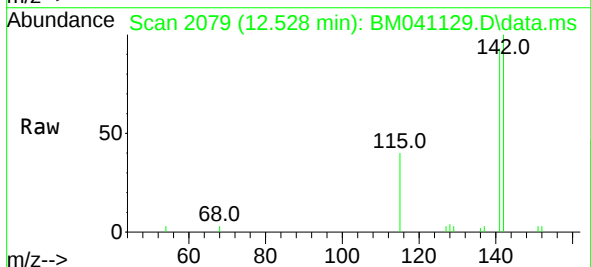
Instrument :
BNA_M
ClientSampleId :
A4701MS

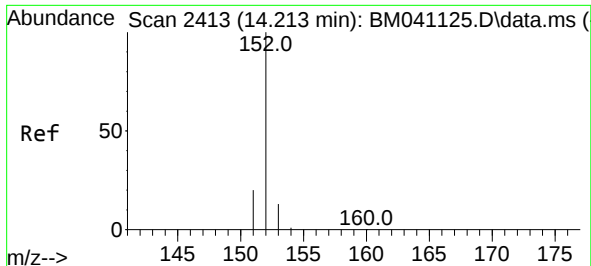
Tgt Ion:142 Resp: 4905
Ion Ratio Lower Upper
142 100
141 91.1 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM041129.D
Acq: 26 Jul 2023 11:06

Tgt Ion:142 Resp: 5386
Ion Ratio Lower Upper
142 100
141 92.6 73.6 110.4

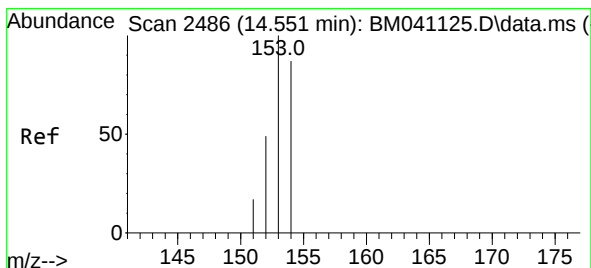
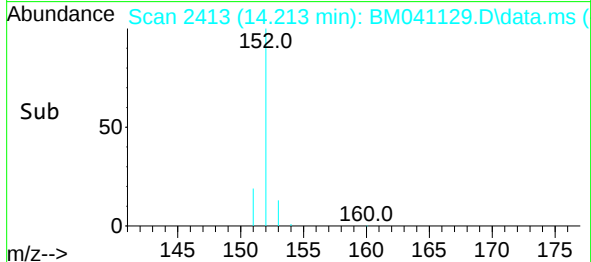
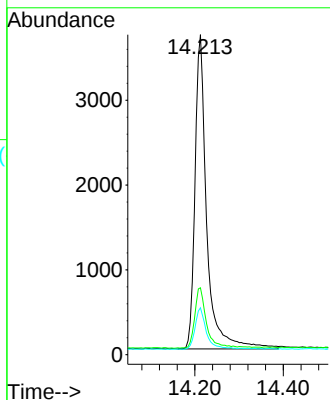
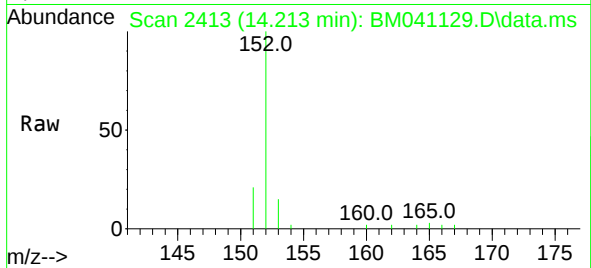




#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 14.213 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BM041129.D
Acq: 26 Jul 2023 11:06

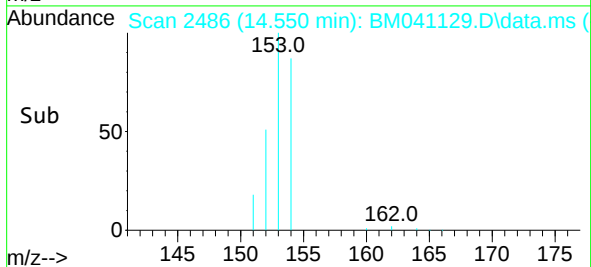
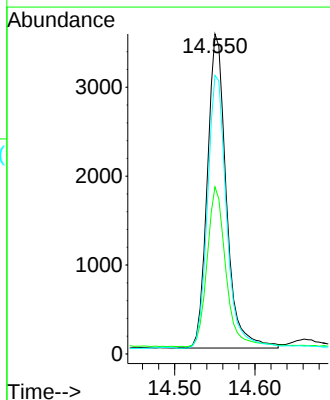
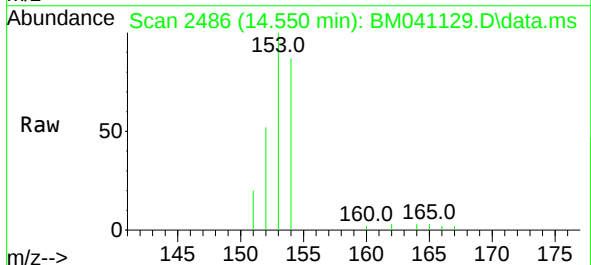
Instrument :
BNA_M
ClientSampleId :
A4701MS

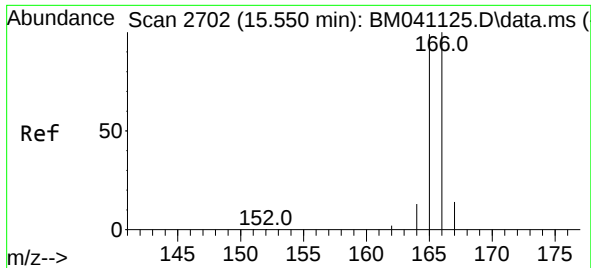
Tgt Ion:152 Resp: 6838
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 14.7 11.4 17.2



#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.550 min Scan# 2486
Delta R.T. -0.005 min
Lab File: BM041129.D
Acq: 26 Jul 2023 11:06

Tgt Ion:153 Resp: 5798
Ion Ratio Lower Upper
153 100
152 52.2 40.2 60.4
154 87.1 70.3 105.5

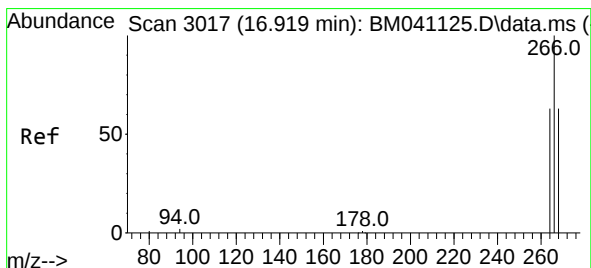
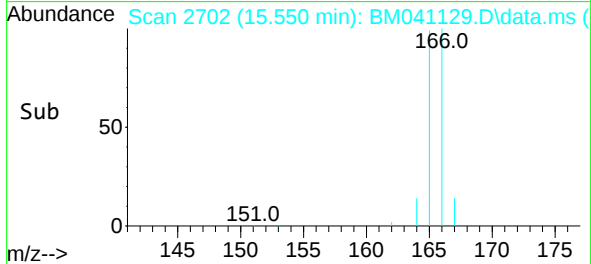
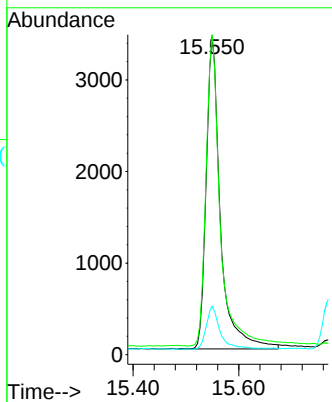
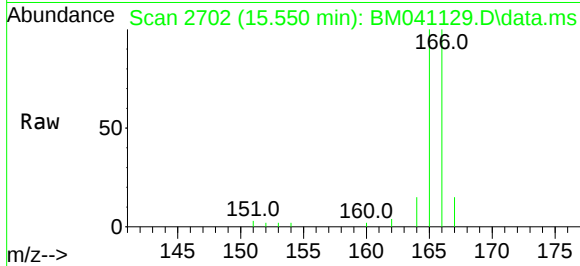




#12
 Fluorene
 Concen: 0.339 ng/ul
 RT: 15.550 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041129.D
 Acq: 26 Jul 2023 11:06

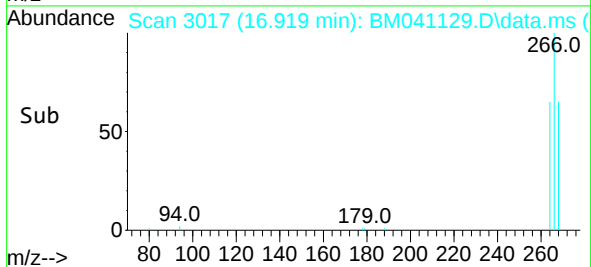
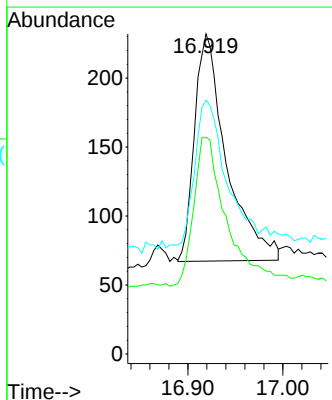
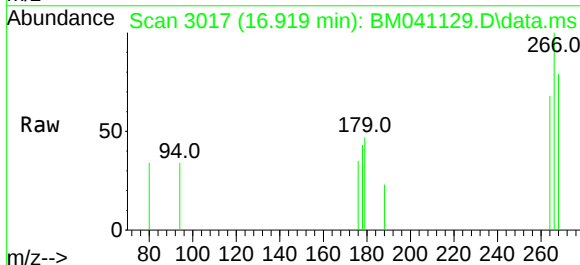
Instrument :
 BNA_M
 ClientSampleId :
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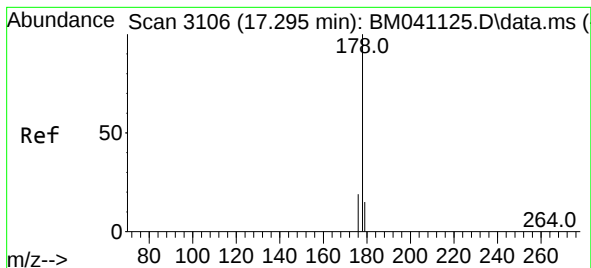
Tgt Ion:	166	Resp:	6365
Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.4	119.0
167	15.1	11.4	17.2



#14
 Pentachlorophenol
 Concen: 0.139 ng/ul
 RT: 16.919 min Scan# 3017
 Delta R.T. 0.004 min
 Lab File: BM041129.D
 Acq: 26 Jul 2023 11:06

Tgt Ion:	266	Resp:	384
Ion	Ratio	Lower	Upper
266	100		
264	67.7	49.2	73.8
268	66.9	49.9	74.9





#15

Phenanthrene

Concen: 0.359 ng/ul

RT: 17.291 min Scan# 3106

Delta R.T. -0.004 min

Lab File: BM041129.D

Acq: 26 Jul 2023 11:06

Instrument :

BNA_M

ClientSampleId :

A4701MS

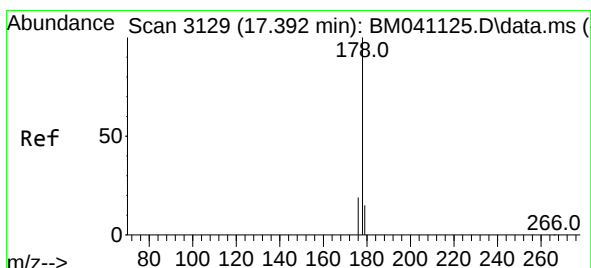
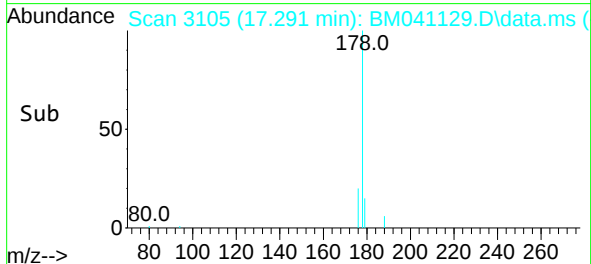
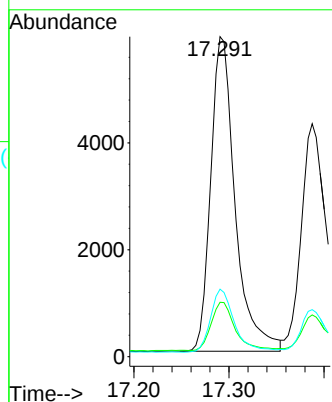
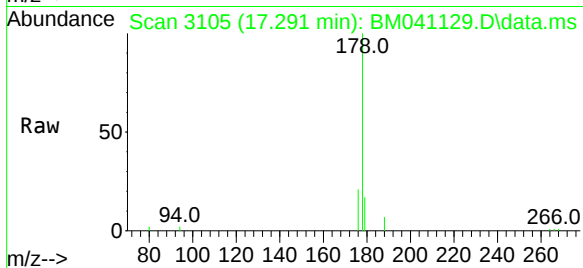
Tgt Ion:178 Resp: 10539

Ion Ratio Lower Upper

178 100

179 17.0 13.4 20.2

176 21.1 16.0 24.0



#16

Anthracene

Concen: 0.360 ng/ul

RT: 17.388 min Scan# 3128

Delta R.T. -0.004 min

Lab File: BM041129.D

Acq: 26 Jul 2023 11:06

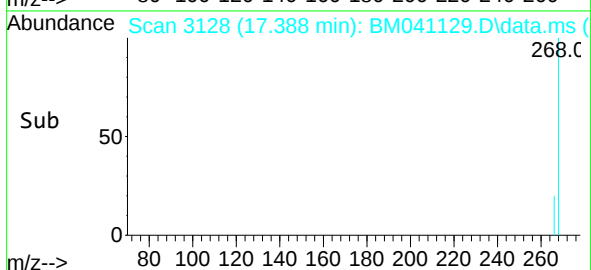
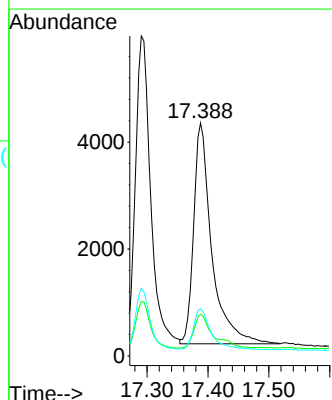
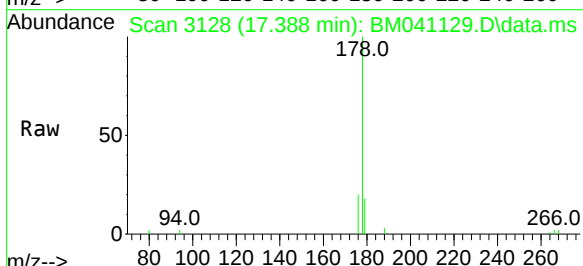
Tgt Ion:178 Resp: 8553

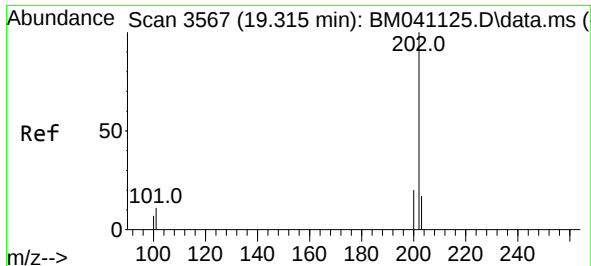
Ion Ratio Lower Upper

178 100

179 17.9 13.6 20.4

176 20.2 16.0 24.0

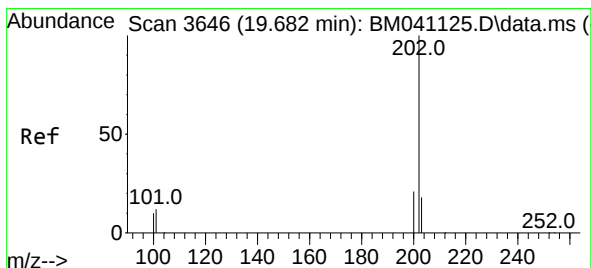
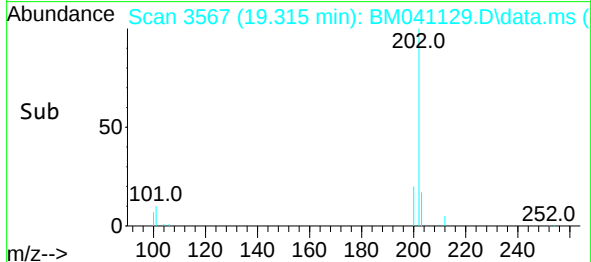
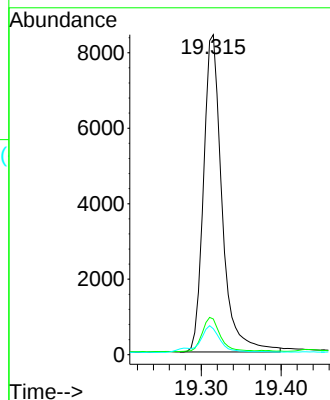
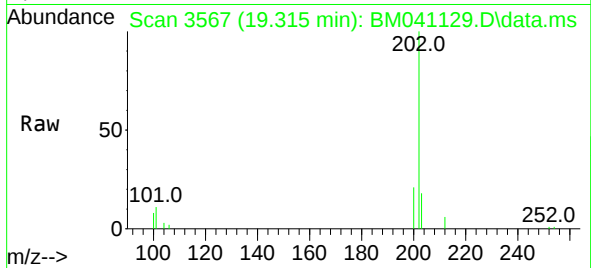




#19
Fluoranthene
Concen: 0.429 ng/ul
RT: 19.315 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041129.D
Acq: 26 Jul 2023 11:06

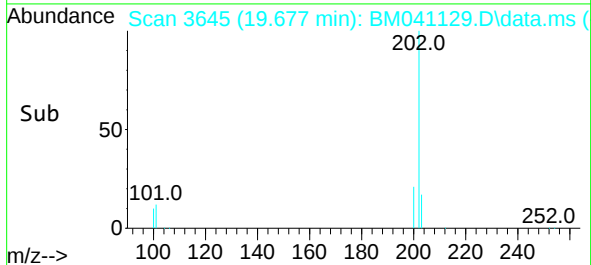
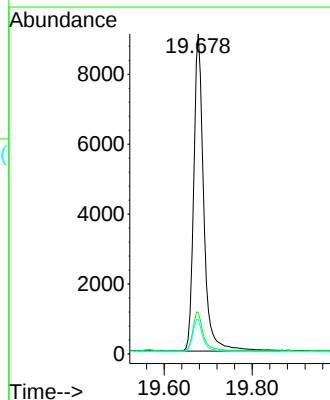
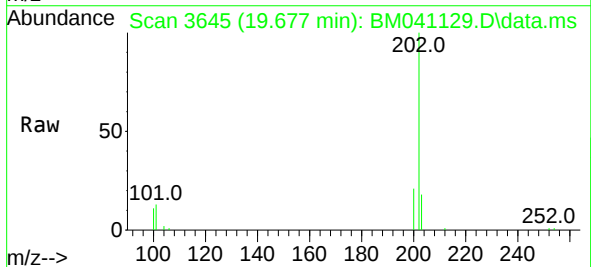
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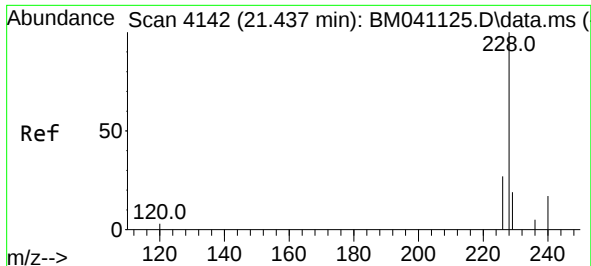
Tgt Ion:202 Resp: 13521
Ion Ratio Lower Upper
202 100
101 11.1 9.4 14.0
100 8.1 7.1 10.7



#20
Pyrene
Concen: 0.413 ng/ul
RT: 19.677 min Scan# 3645
Delta R.T. -0.005 min
Lab File: BM041129.D
Acq: 26 Jul 2023 11:06

Tgt Ion:202 Resp: 14332
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 10.8 8.5 12.7

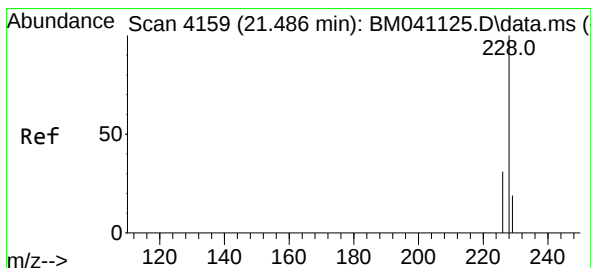
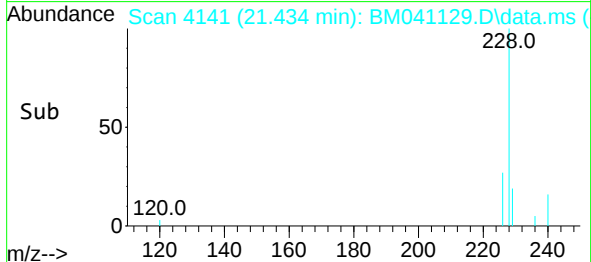
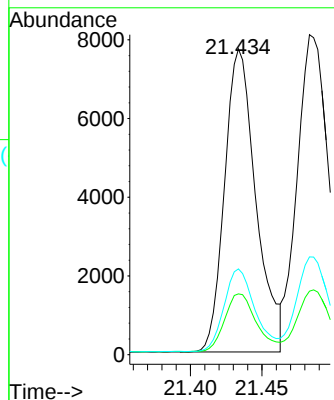
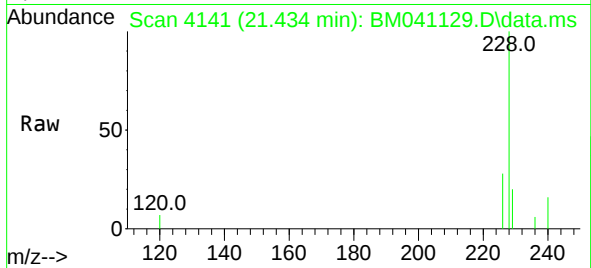




#21
Benzo(a)anthracene
Concen: 0.400 ng/ul
RT: 21.434 min Scan# 4142
Delta R.T. -0.000 min
Lab File: BM041129.D
Acq: 26 Jul 2023 11:06

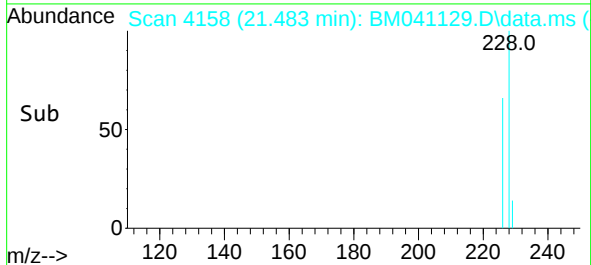
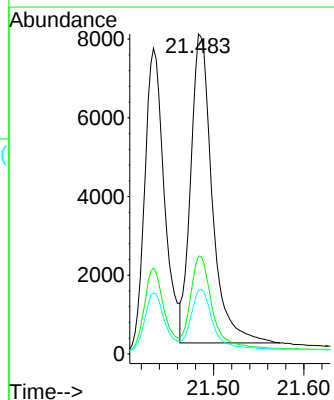
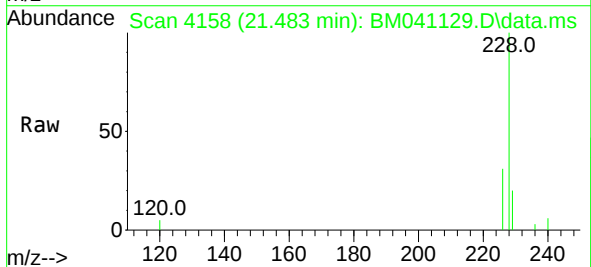
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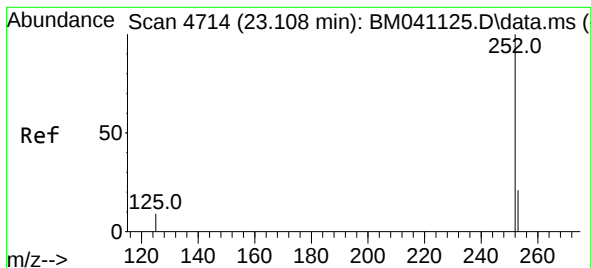
Tgt Ion:228	Resp:	11765
Ion	Ratio	Lower Upper
228	100	
229	19.9	16.5 24.7
226	28.1	22.2 33.2



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.483 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM041129.D
Acq: 26 Jul 2023 11:06

Tgt Ion:228	Resp:	12946
Ion	Ratio	Lower Upper
228	100	
226	30.5	24.2 36.4
229	19.9	15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.387 ng/ul

RT: 23.105 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM041129.D

Acq: 26 Jul 2023 11:06

Instrument :

BNA_M

ClientSampleId :

A4701MS

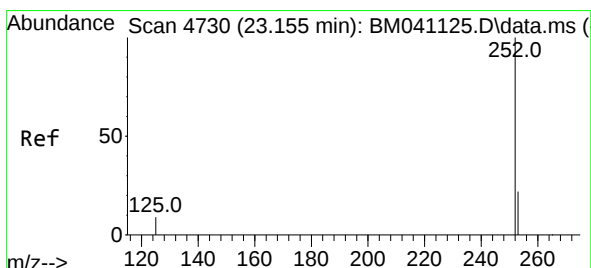
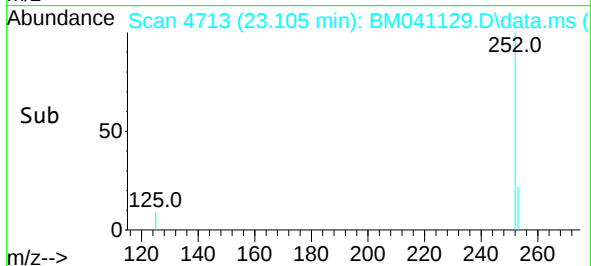
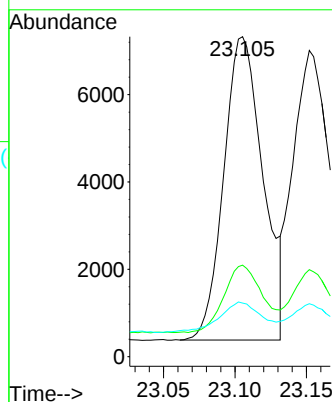
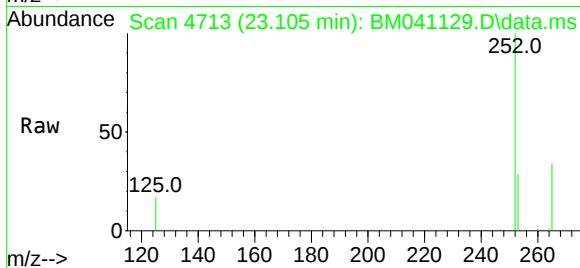
Tgt Ion:252 Resp: 13285

Ion Ratio Lower Upper

252 100

253 28.6 0.0 57.6

125 16.7 0.0 33.6



#25

Benzo(k)fluoranthene

Concen: 0.386 ng/ul

RT: 23.152 min Scan# 4729

Delta R.T. -0.003 min

Lab File: BM041129.D

Acq: 26 Jul 2023 11:06

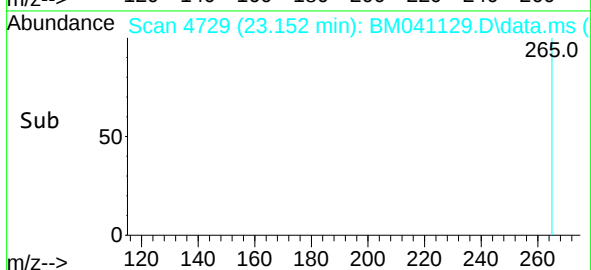
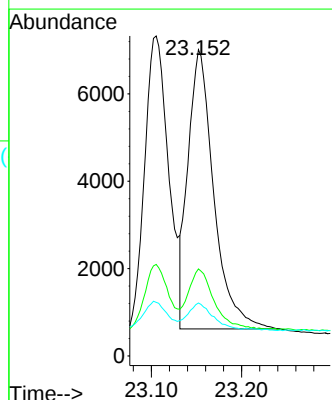
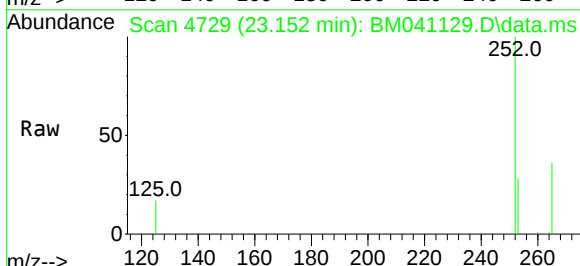
Tgt Ion:252 Resp: 12661

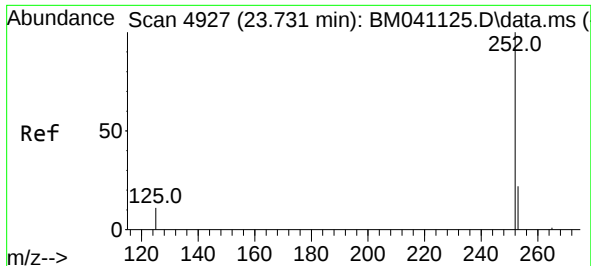
Ion Ratio Lower Upper

252 100

253 28.4 22.8 34.2

125 17.3 13.5 20.3

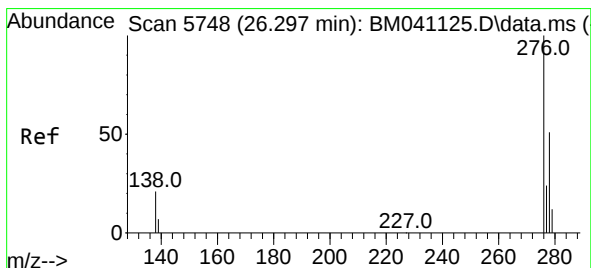
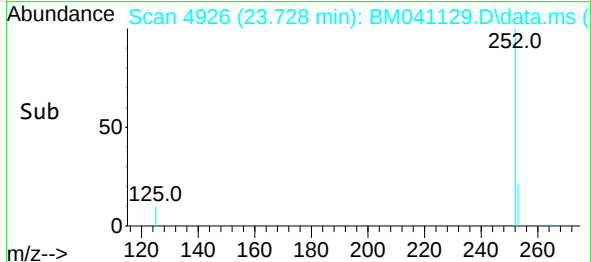
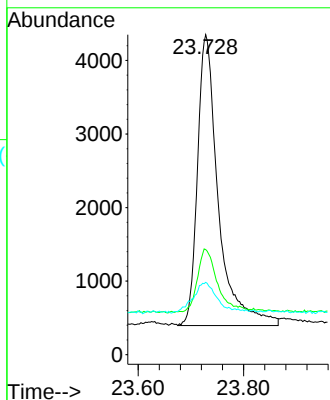
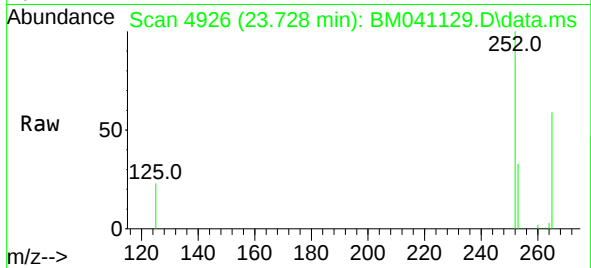




#26
Benzo(a)pyrene
Concen: 0.391 ng/ul
RT: 23.728 min Scan# 4926
Delta R.T. -0.000 min
Lab File: BM041129.D
Acq: 26 Jul 2023 11:06

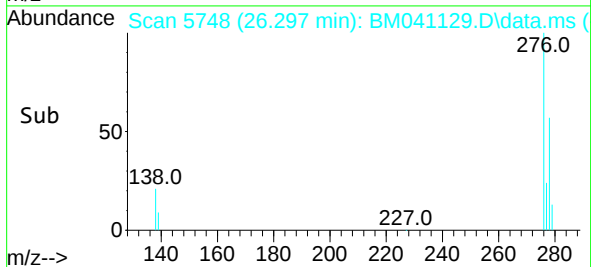
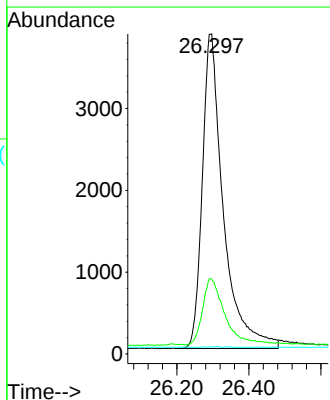
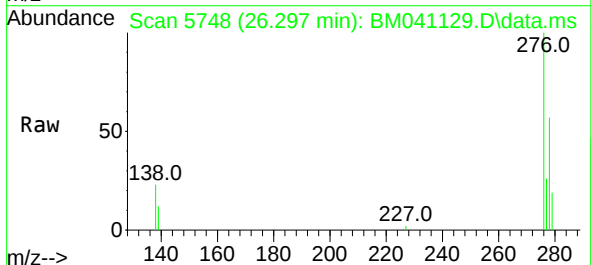
Instrument :
BNA_M
ClientSampleId :
A4701MS

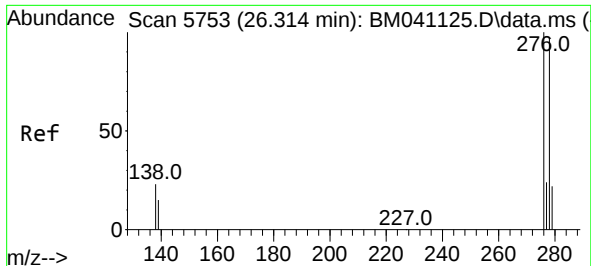
Tgt Ion:252 Resp: 10865
Ion Ratio Lower Upper
252 100
253 32.8 26.7 40.1
125 22.6 18.1 27.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng/ul
RT: 26.297 min Scan# 5748
Delta R.T. -0.000 min
Lab File: BM041129.D
Acq: 26 Jul 2023 11:06

Tgt Ion:276 Resp: 15602
Ion Ratio Lower Upper
276 100
138 22.5 18.1 27.1
227 0.0 0.2 0.2#

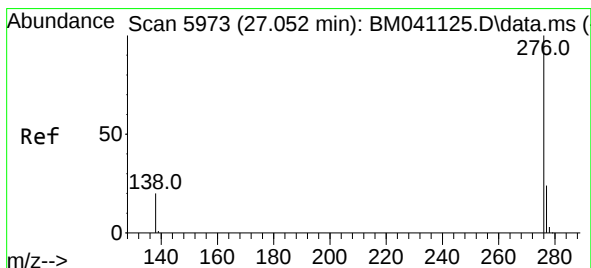
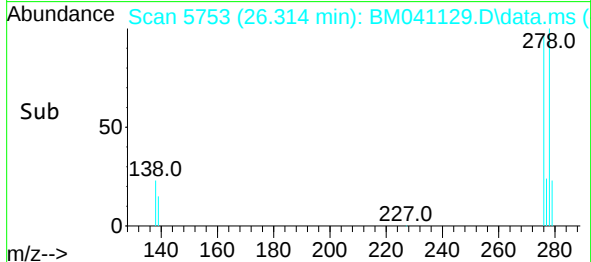
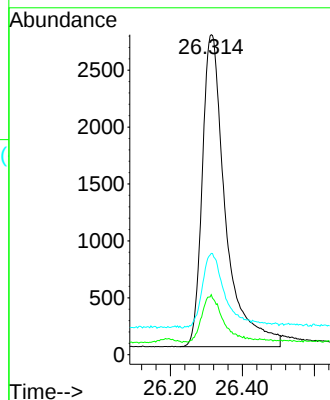
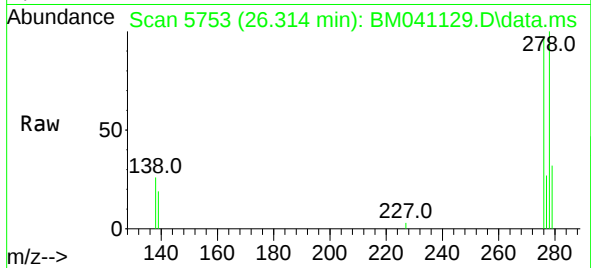




#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 26.314 min Scan# 5753
Delta R.T. -0.004 min
Lab File: BM041129.D
Acq: 26 Jul 2023 11:06

Instrument :
BNA_M
ClientSampleId :
A4701MS

Tgt Ion:	278	Resp:	12292
Ion Ratio	Lower	Upper	
278	100		
139	18.8	14.1	21.1
279	31.7	25.0	37.4



#29
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 27.051 min Scan# 5973
Delta R.T. -0.000 min
Lab File: BM041129.D
Acq: 26 Jul 2023 11:06

Tgt Ion:	276	Resp:	13841
Ion Ratio	Lower	Upper	
276	100		
138	22.6	18.2	27.2
277	25.1	20.6	30.8

