

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045489.D
 Acq On : 22 Apr 2024 21:11
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4087

Quant Time: Apr 23 01:51:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 01:47:19 2024
 Response via : Initial Calibration

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

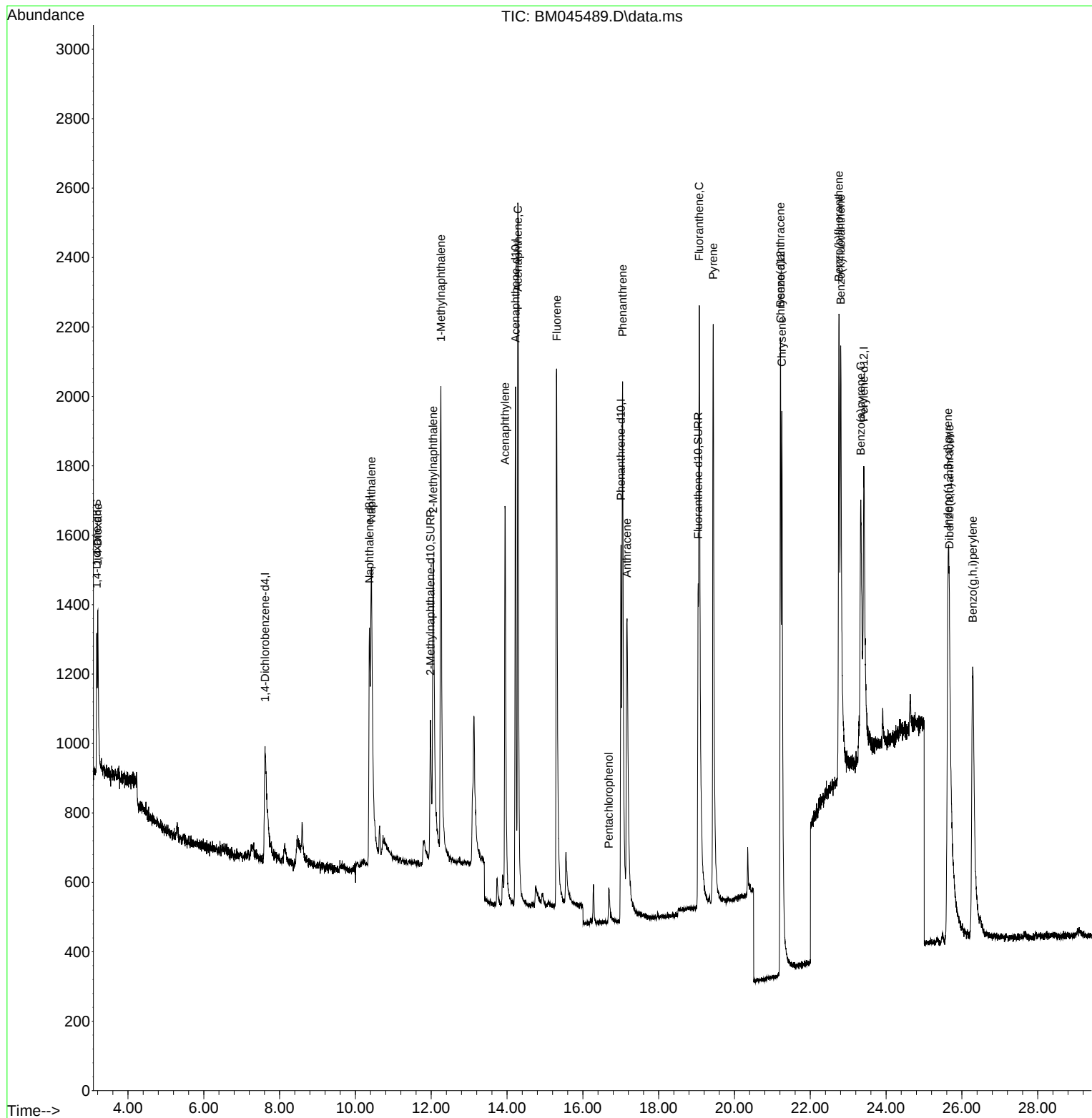
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	543	0.400	ng/ul	# 0.01
4) Naphthalene-d8	10.369	136	2033	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.223	164	1121	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.005	188	2143	0.400	ng/ul	0.00
17) Chrysene-d12	21.216	240	1140	0.400	ng/ul	0.00
23) Perylene-d12	23.411	264	1441	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	342	0.470	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.980	152	1081	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.042	212	1725	0.481	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	392	0.560	ng/ul#	86
5) Naphthalene	10.419	128	2119	0.388	ng/ul	98
7) 2-Methylnaphthalene	12.052	142	1266	0.406	ng/ul	98
8) 1-Methylnaphthalene	12.255	142	1407	0.402	ng/ul	99
10) Acenaphthylene	13.950	152	2139	0.387	ng/ul	96
11) Acenaphthene	14.288	153	1621	0.395	ng/ul	99
12) Fluorene	15.311	166	1726	0.393	ng/ul	95
14) Pentachlorophenol	16.680	266	126	0.295	ng/ul	88
15) Phenanthrene	17.047	178	2448	0.392	ng/ul	98
16) Anthracene	17.161	178	2121	0.363	ng/ul	98
19) Fluoranthene	19.070	202	2501	0.475	ng/ul	99
20) Pyrene	19.437	202	2600	0.481	ng/ul	98
21) Benzo(a)anthracene	21.210	228	1371	0.376	ng/ul	100
22) Chrysene	21.248	228	2385	0.426	ng/ul	95
24) Benzo(b)fluoranthene	22.753	252	1971	0.407	ng/ul	96
25) Benzo(k)fluoranthene	22.800	252	2550	0.416	ng/ul	94
26) Benzo(a)pyrene	23.332	252	2094	0.417	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.631	276	2930	0.401	ng/ul	99
28) Dibenzo(a,h)anthracene	25.668	278	2244	0.387	ng/ul	94
29) Benzo(g,h,i)perylene	26.285	276	2780	0.423	ng/ul	94

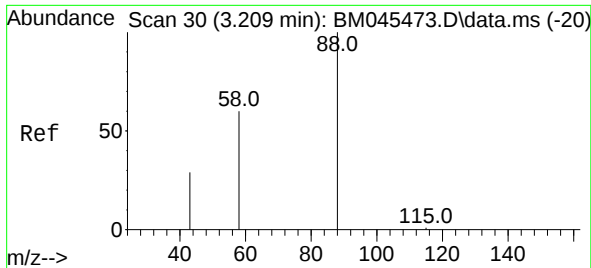
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
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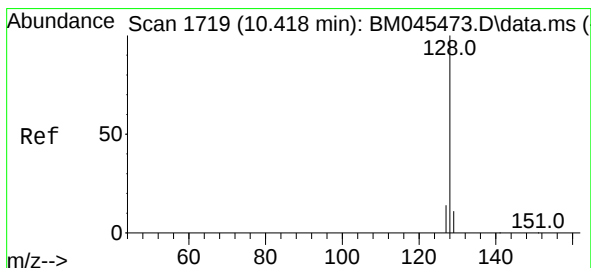
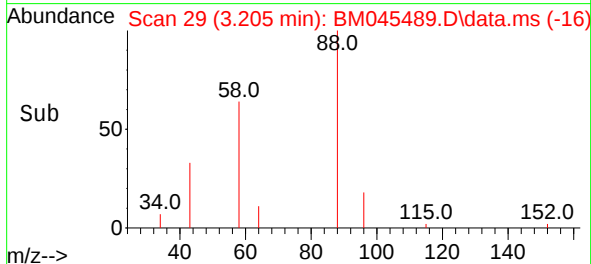
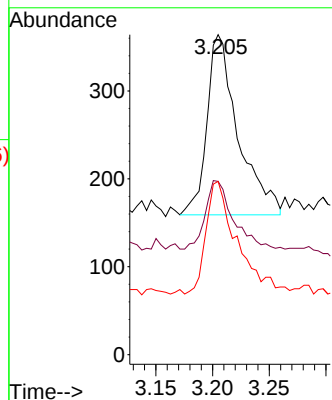
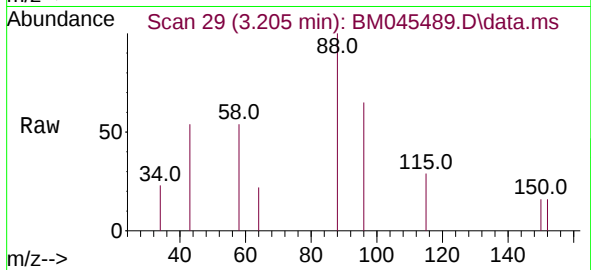




#2
1,4-Dioxane
Concen: 0.560 ng/ul
RT: 3.205 min Scan# 20
Delta R.T. -0.004 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

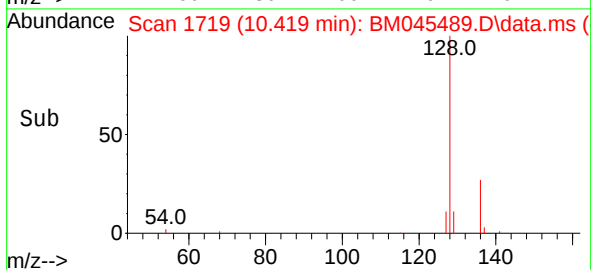
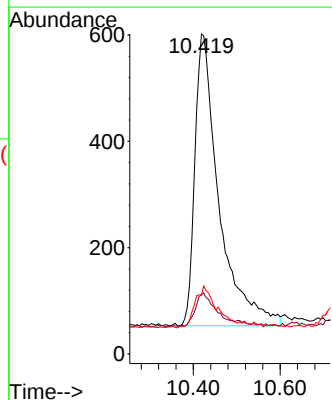
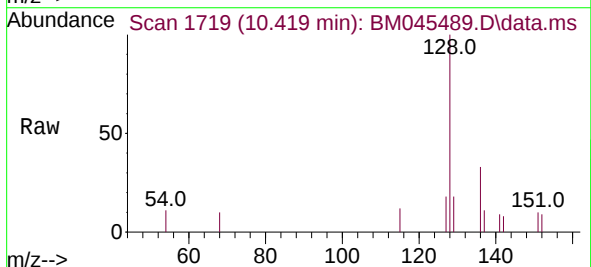
Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

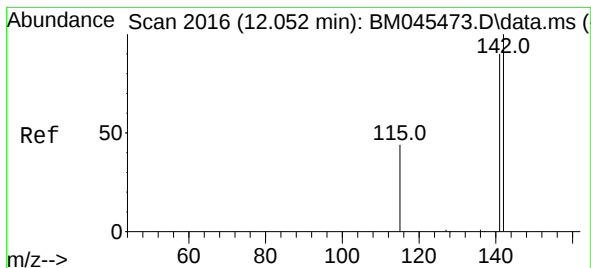
Tgt Ion: 88 Resp: 392
Ion Ratio Lower Upper
88 100
43 54.1 36.8 55.2
58 54.1 35.4 53.2#



#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.419 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

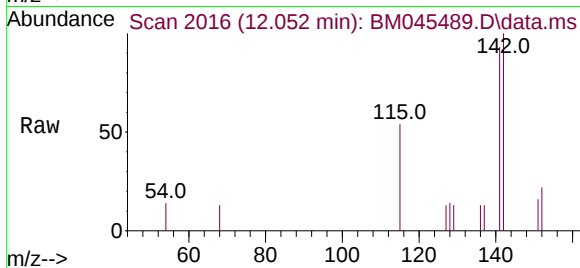
Tgt Ion: 128 Resp: 2119
Ion Ratio Lower Upper
128 100
129 18.4 14.0 21.0
127 18.4 15.4 23.2



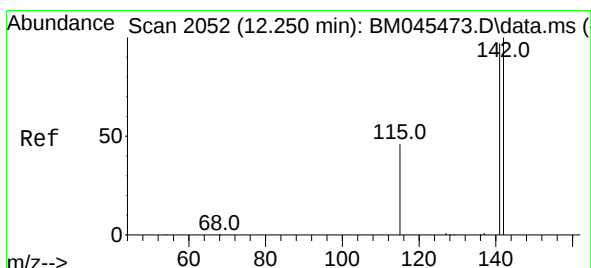
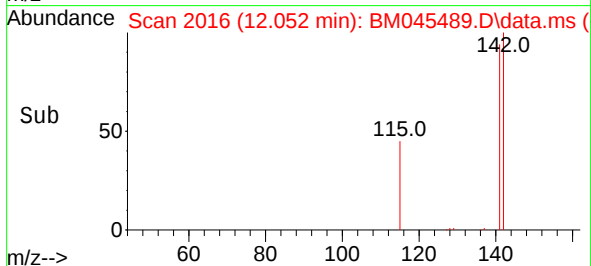
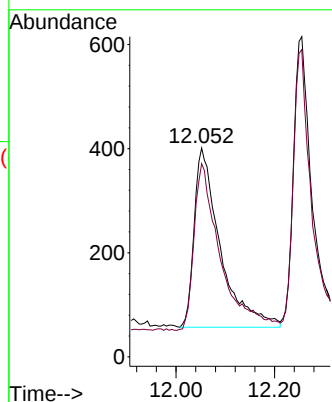


#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.052 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

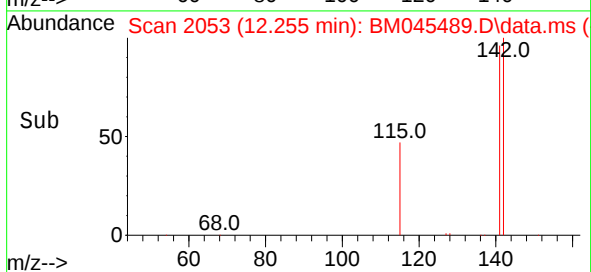
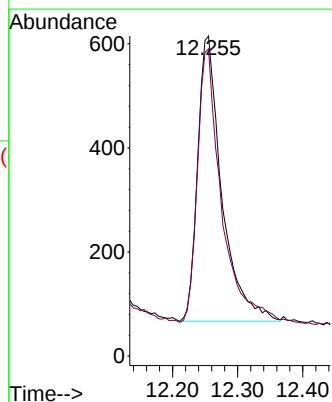
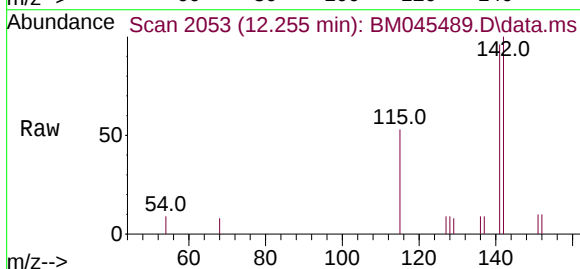


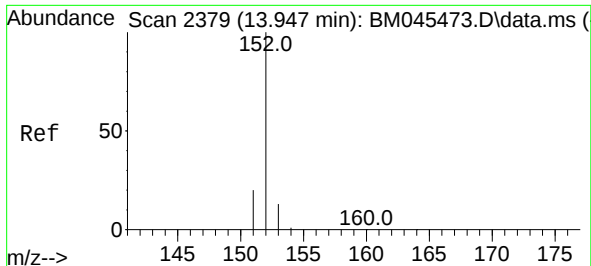
Tgt Ion:142 Resp: 1266
Ion Ratio Lower Upper
142 100
141 94.9 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.255 min Scan# 2053
Delta R.T. 0.006 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

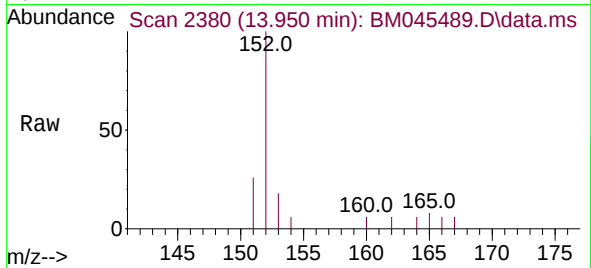
Tgt Ion:142 Resp: 1407
Ion Ratio Lower Upper
142 100
141 95.9 76.1 114.1



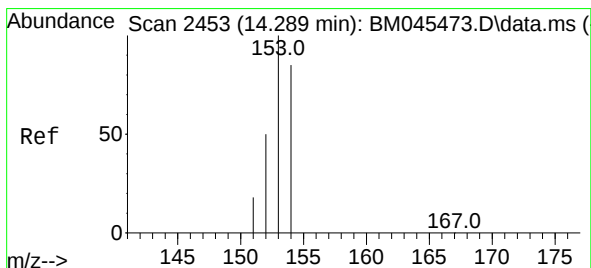
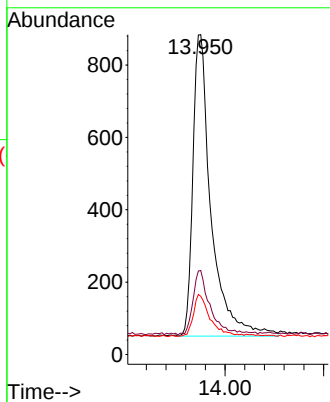
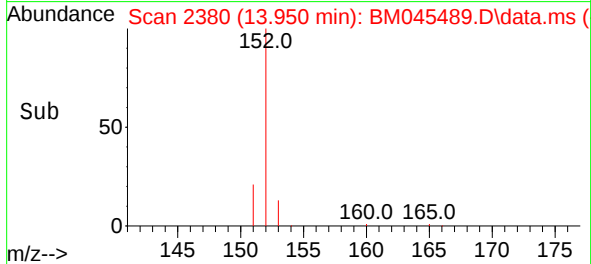


#10
Acenaphthylene
Concen: 0.387 ng/ul
RT: 13.950 min Scan# 2413
Delta R.T. 0.004 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

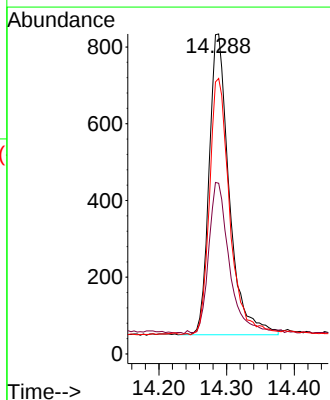
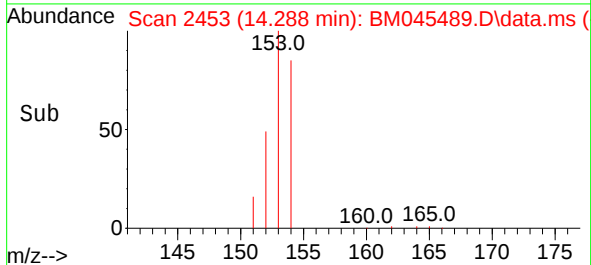
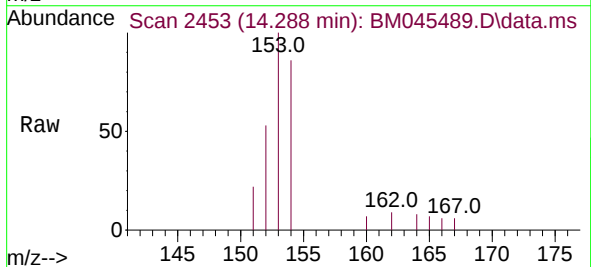


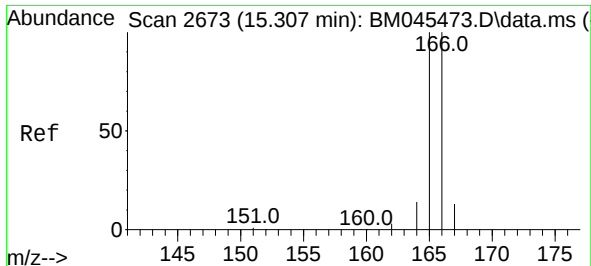
Tgt Ion:152 Resp: 2139
Ion Ratio Lower Upper
152 100
151 26.2 18.6 28.0
153 18.2 14.1 21.1



#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.288 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

Tgt Ion:153 Resp: 1621
Ion Ratio Lower Upper
153 100
152 53.4 43.4 65.2
154 86.1 69.0 103.6

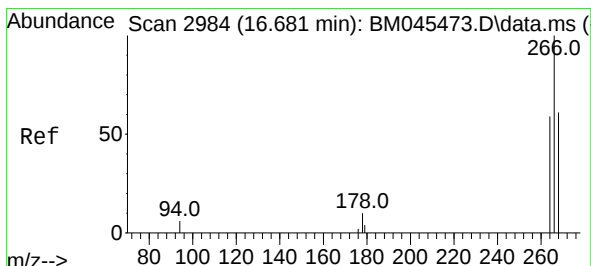
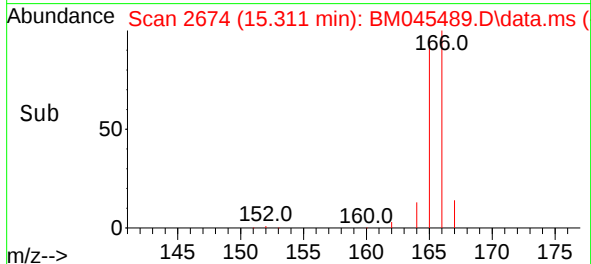
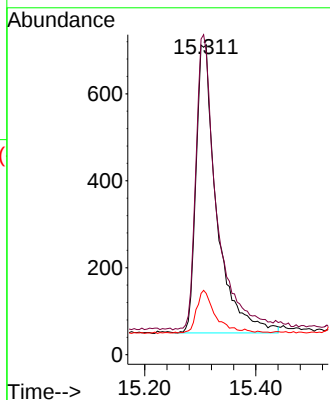
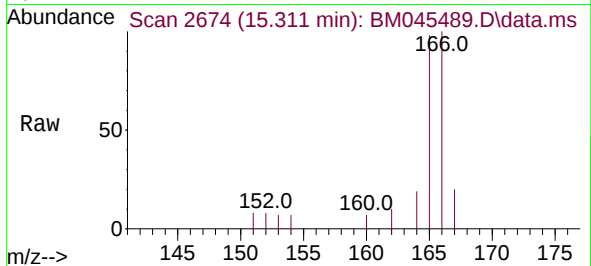




#12
Fluorene
Concen: 0.393 ng/ul
RT: 15.311 min Scan# 2
Delta R.T. 0.004 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

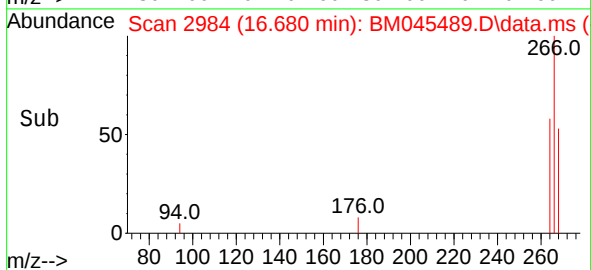
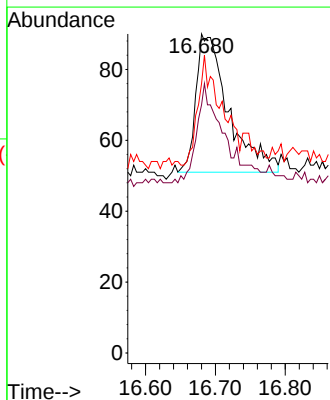
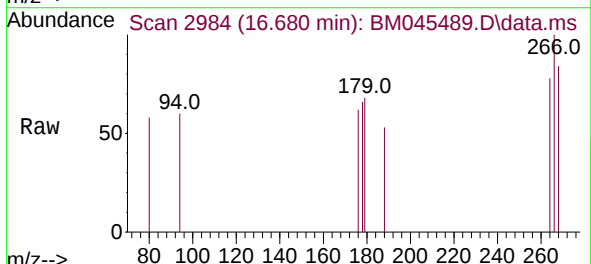
Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

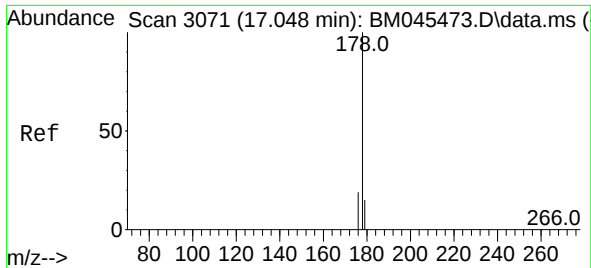
Tgt Ion:166 Resp: 1726
Ion Ratio Lower Upper
166 100
165 97.8 82.2 123.2
167 19.8 14.8 22.2



#14
Pentachlorophenol
Concen: 0.295 ng/ul
RT: 16.680 min Scan# 2984
Delta R.T. -0.001 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

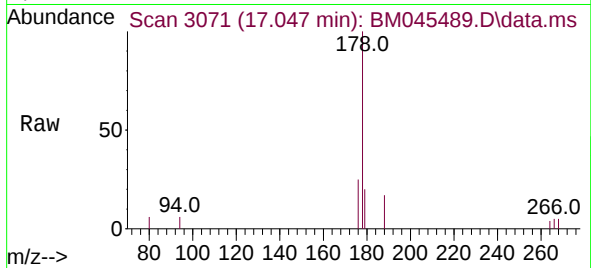
Tgt Ion:266 Resp: 126
Ion Ratio Lower Upper
266 100
264 63.5 45.5 68.3
268 58.7 56.1 84.1



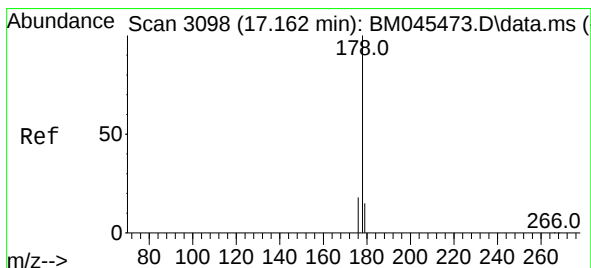
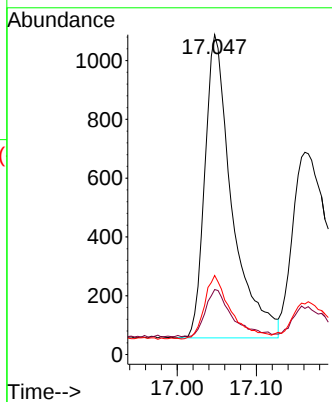
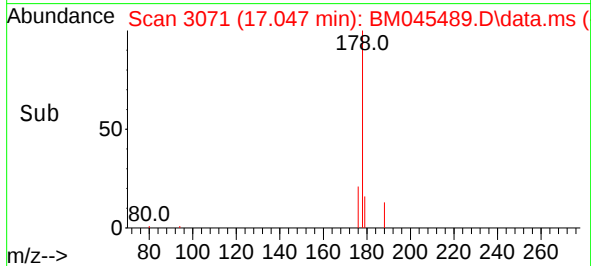


#15
Phenanthrene
Concen: 0.392 ng/ul
RT: 17.047 min Scan# 3071
Delta R.T. -0.001 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

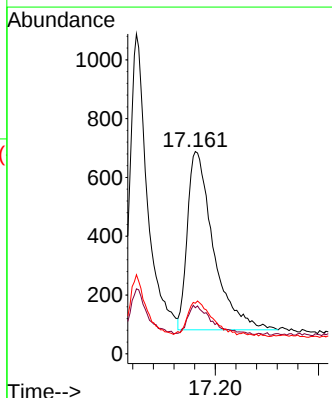
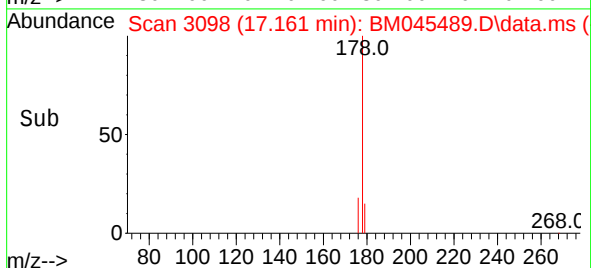
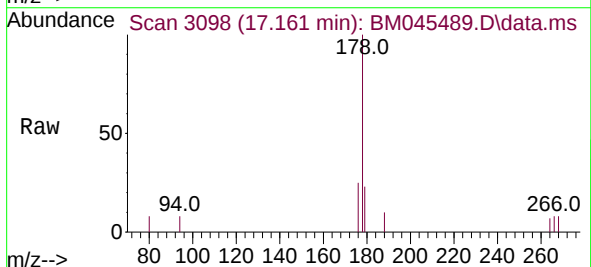


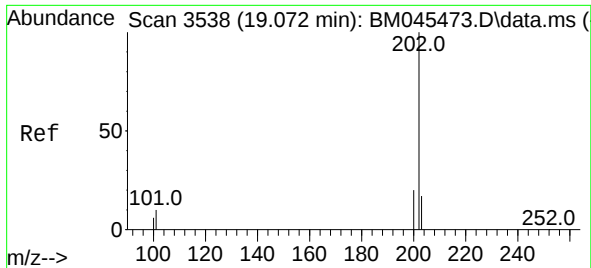
Tgt Ion:178 Resp: 2448
Ion Ratio Lower Upper
178 100
179 20.3 15.4 23.2
176 24.7 19.0 28.4



#16
Anthracene
Concen: 0.363 ng/ul
RT: 17.161 min Scan# 3098
Delta R.T. -0.001 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

Tgt Ion:178 Resp: 2121
Ion Ratio Lower Upper
178 100
179 22.8 17.8 26.6
176 25.0 18.7 28.1

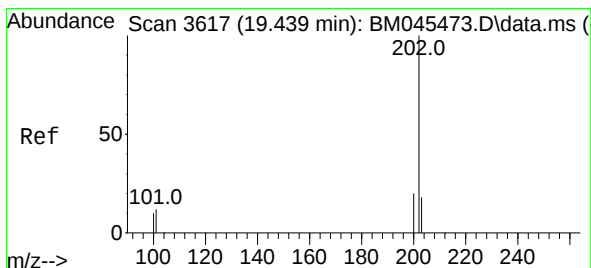
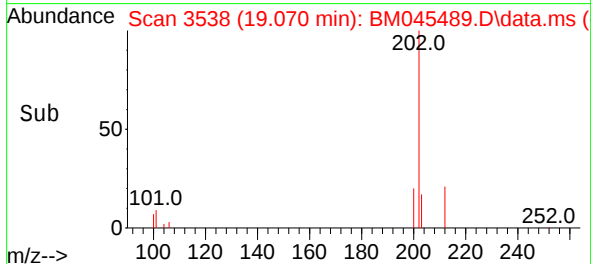
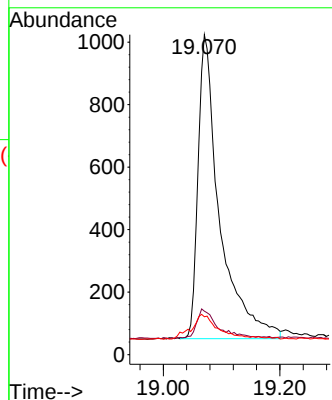
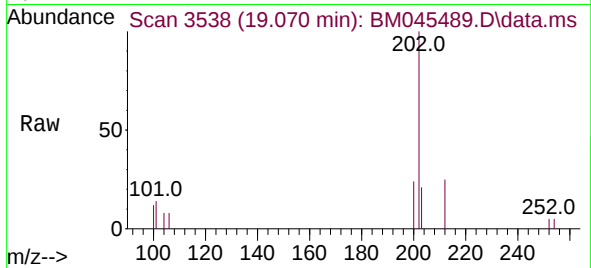




#19
Fluoranthene
Concen: 0.475 ng/ul
RT: 19.070 min Scan# 3538
Delta R.T. -0.001 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

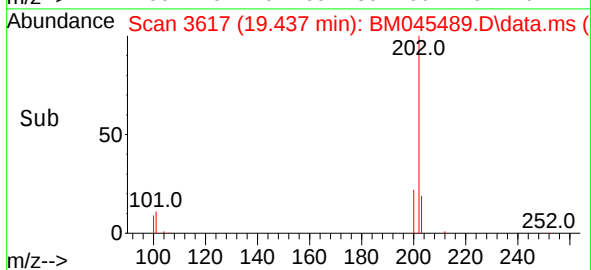
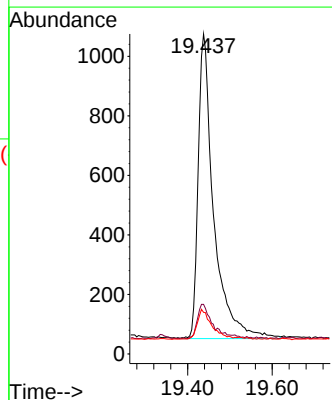
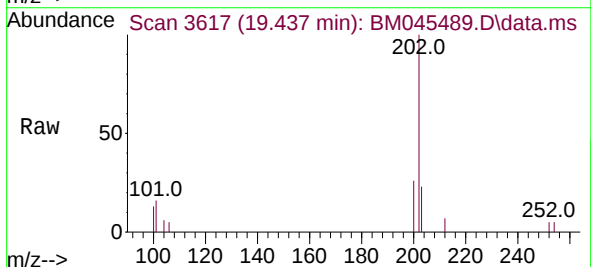
Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

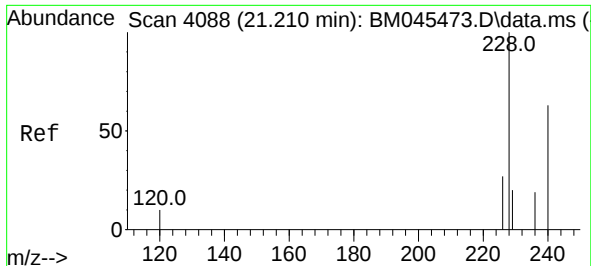
Tgt Ion:	202	Resp:	2501
Ion Ratio	Lower	Upper	
202	100		
101	13.6	11.2	16.8
100	11.8	9.1	13.7



#20
Pyrene
Concen: 0.481 ng/ul
RT: 19.437 min Scan# 3617
Delta R.T. -0.001 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

Tgt Ion:	202	Resp:	2600
Ion Ratio	Lower	Upper	
202	100		
101	15.5	11.5	17.3
100	13.0	10.6	15.8

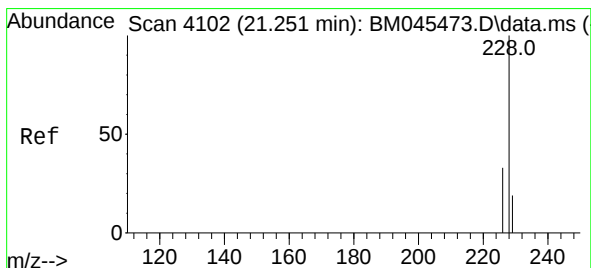
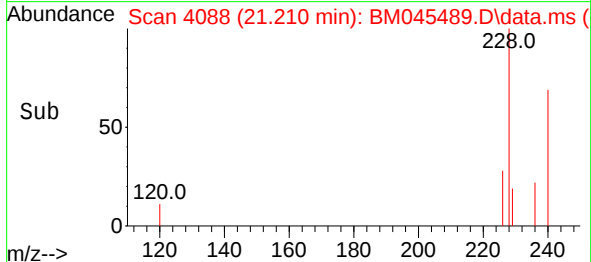
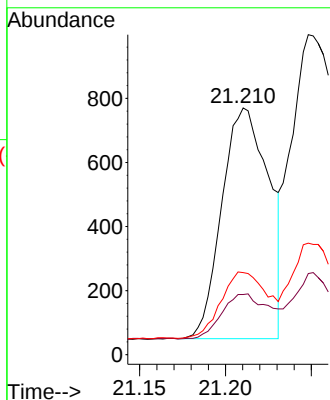
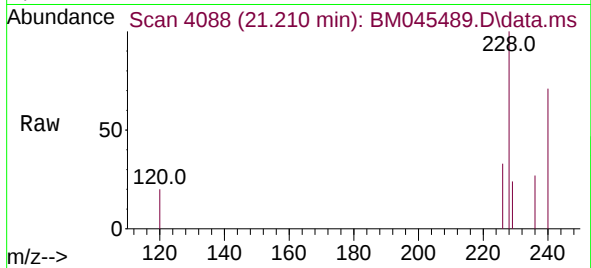




#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.210 min Scan# 4088
Delta R.T. 0.000 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

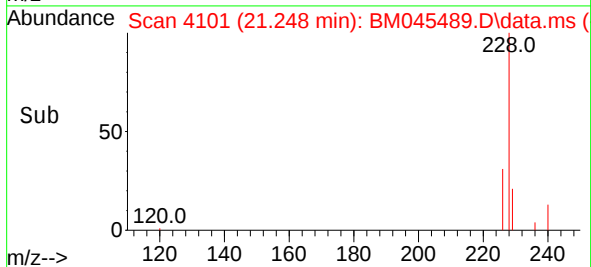
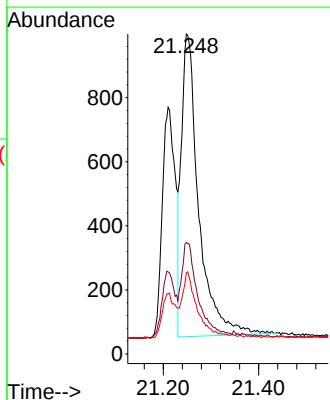
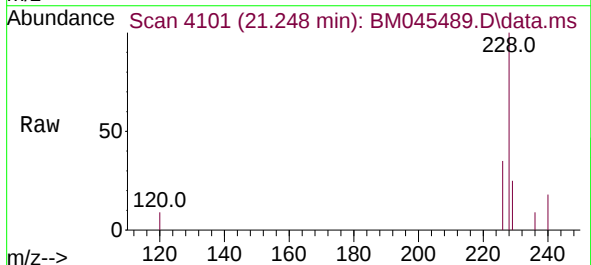
Instrument :
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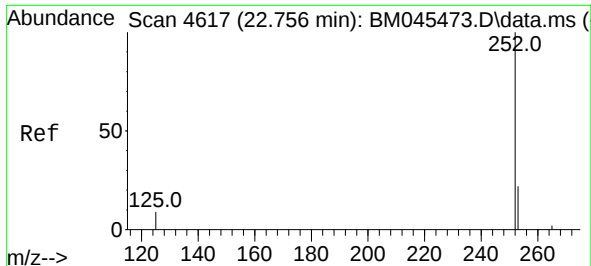
Tgt Ion:228 Resp: 1371
Ion Ratio Lower Upper
228 100
229 24.4 19.4 29.2
226 33.2 26.3 39.5



#22
Chrysene
Concen: 0.426 ng/ul
RT: 21.248 min Scan# 4101
Delta R.T. -0.002 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

Tgt Ion:228 Resp: 2385
Ion Ratio Lower Upper
228 100
226 34.8 26.3 39.5
229 25.3 17.8 26.8

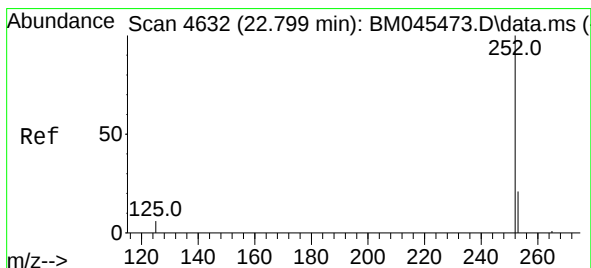
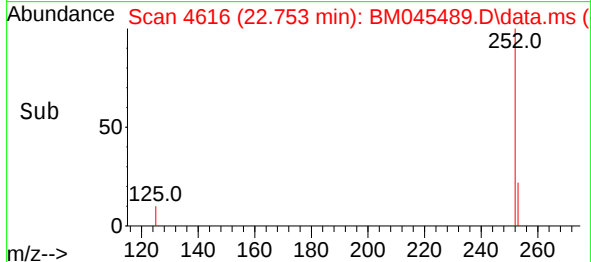
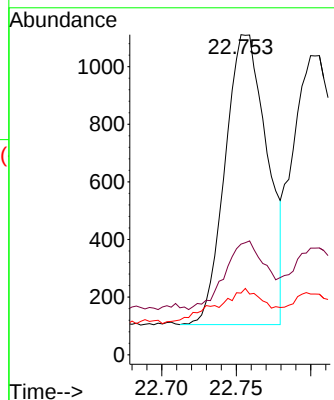
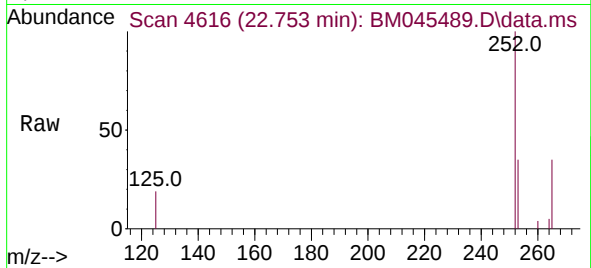




#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 22.753 min Scan# 4616
Delta R.T. -0.002 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

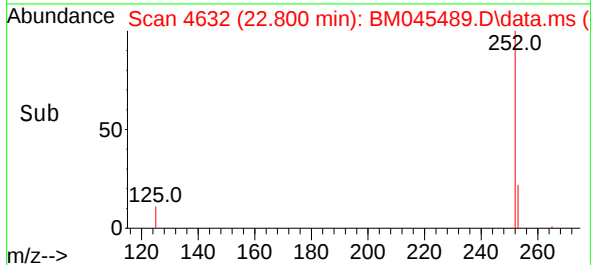
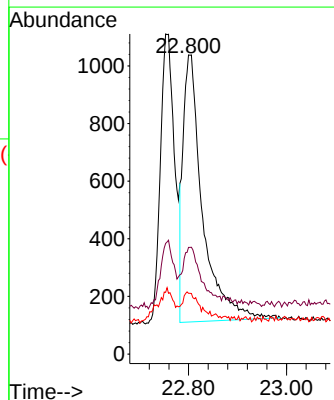
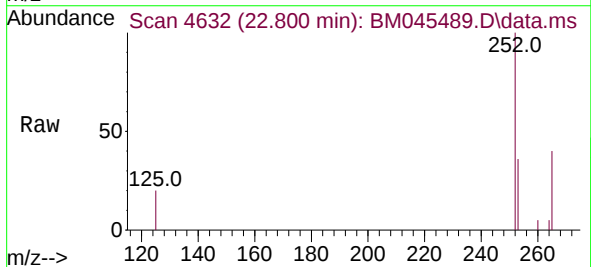
Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

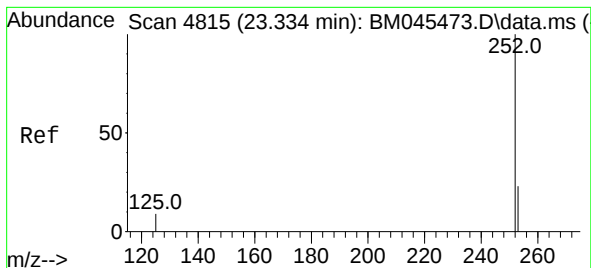
Tgt Ion:252	Resp:	1971
Ion Ratio	Lower	Upper
252	100	
253	34.6	0.0 63.4
125	19.3	0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.416 ng/ul
RT: 22.800 min Scan# 4632
Delta R.T. 0.000 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

Tgt Ion:252	Resp:	2550
Ion Ratio	Lower	Upper
252	100	
253	35.6	25.4 38.0
125	20.3	14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.417 ng/ul

RT: 23.332 min Scan# 4815

Delta R.T. -0.002 min

Lab File: BM045489.D

Acq: 22 Apr 2024 21:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.4087

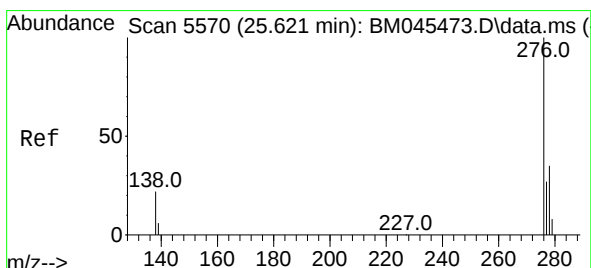
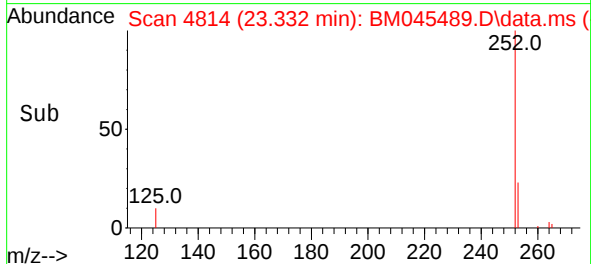
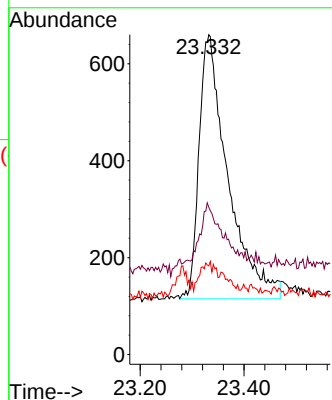
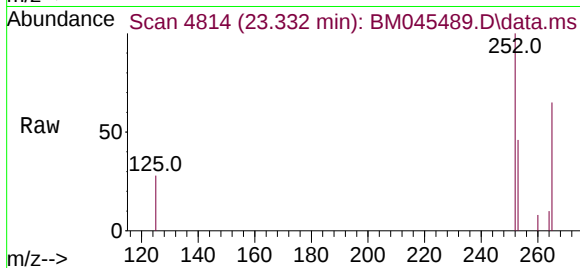
Tgt Ion:252 Resp: 2094

Ion Ratio Lower Upper

252 100

253 46.1 31.6 47.4

125 27.7 19.5 29.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.401 ng/ul

RT: 25.631 min Scan# 5573

Delta R.T. 0.011 min

Lab File: BM045489.D

Acq: 22 Apr 2024 21:11

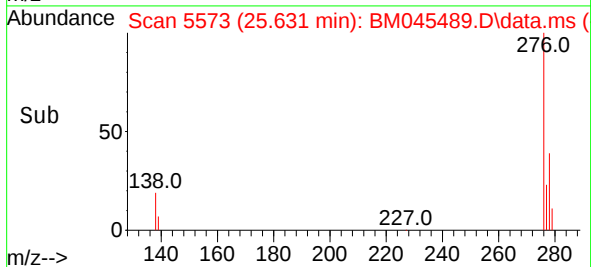
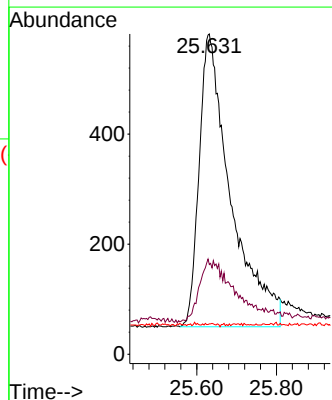
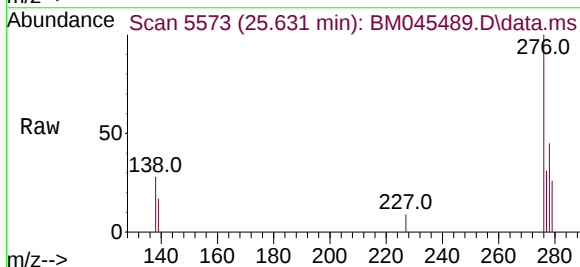
Tgt Ion:276 Resp: 2930

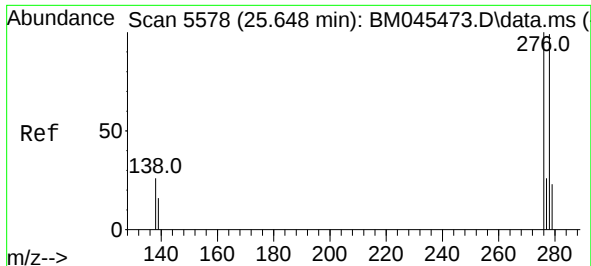
Ion Ratio Lower Upper

276 100

138 25.1 19.8 29.6

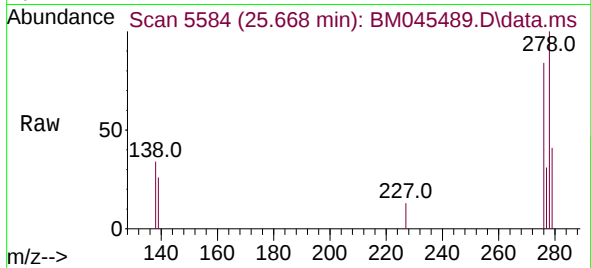
227 0.2 0.2 0.2



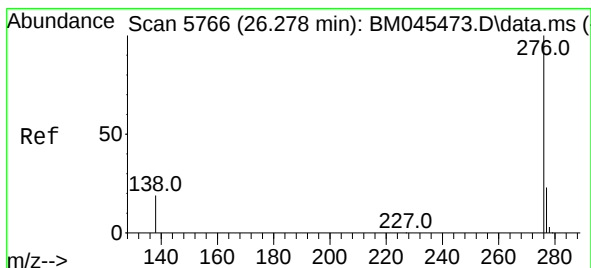
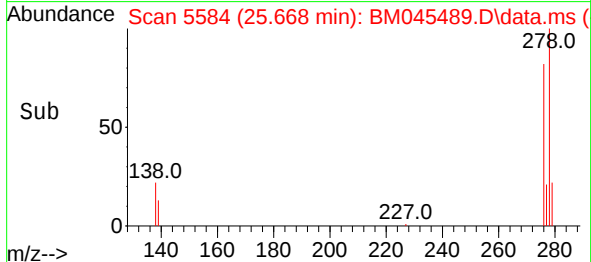
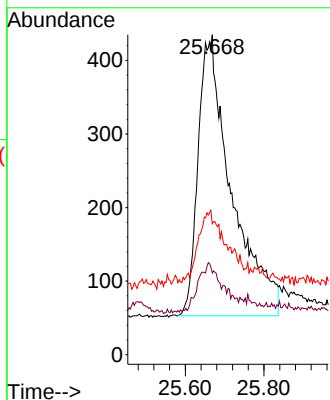


#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 25.668 min Scan# 5584
Delta R.T. 0.021 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

Instrument :
BNA_M
ClientSampleId :
SSTD0.4087



Tgt Ion:278 Resp: 2244
Ion Ratio Lower Upper
278 100
139 25.5 19.0 28.6
279 40.9 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.423 ng/ul
RT: 26.285 min Scan# 5768
Delta R.T. 0.007 min
Lab File: BM045489.D
Acq: 22 Apr 2024 21:11

Tgt Ion:276 Resp: 2780
Ion Ratio Lower Upper
276 100
138 29.0 20.8 31.2
277 30.9 21.8 32.8

