

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061224\
 Data File : BM045992.D
 Acq On : 12 Jun 2024 10:50
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4126

Quant Time: Jun 13 00:07:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 00:05:38 2024
 Response via : Initial Calibration

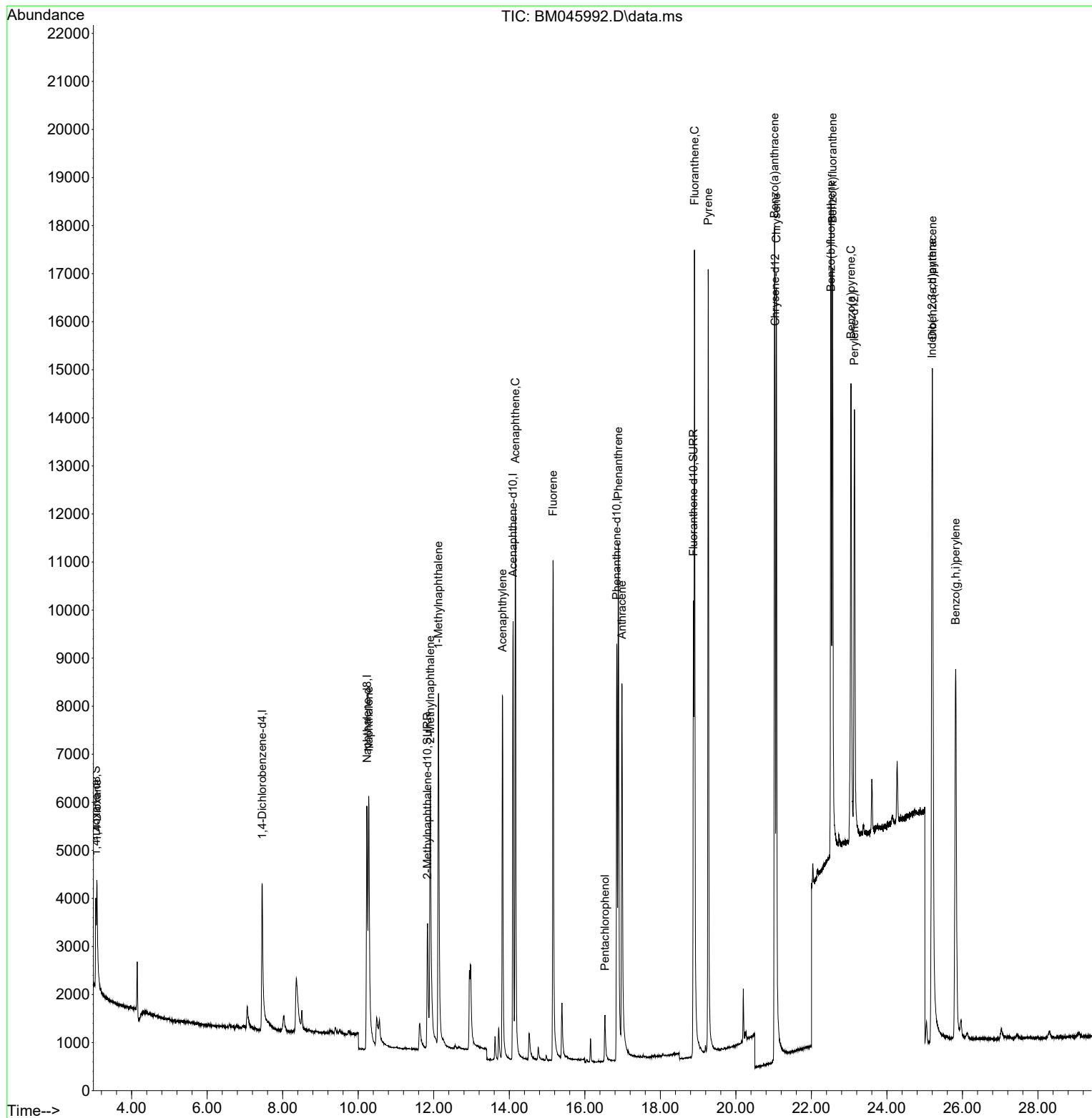
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	2779	0.400	ng/ul	0.00
4) Naphthalene-d8	10.233	136	9678	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.100	164	6079	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.846	188	13259	0.400	ng/ul	0.00
17) Chrysene-d12	21.038	240	11030	0.400	ng/ul	0.00
23) Perylene-d12	23.139	264	12381	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	1399	0.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.833	152	5410	0.389	ng/ul	0.00
18) Fluoranthene-d10	18.877	212	12390	0.375	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.084	88	1563	0.432	ng/ul#	78
5) Naphthalene	10.277	128	9694	0.383	ng/ul	99
7) 2-Methylnaphthalene	11.910	142	6109	0.379	ng/ul	100
8) 1-Methylnaphthalene	12.124	142	6816	0.389	ng/ul	99
10) Acenaphthylene	13.822	152	10412	0.377	ng/ul	100
11) Acenaphthene	14.160	153	7702	0.379	ng/ul	98
12) Fluorene	15.159	166	8562	0.377	ng/ul	99
14) Pentachlorophenol	16.533	266	984	0.397	ng/ul	99
15) Phenanthrene	16.888	178	13436	0.361	ng/ul	99
16) Anthracene	16.981	178	10827	0.341	ng/ul	99
19) Fluoranthene	18.904	202	16437	0.374	ng/ul	99
20) Pyrene	19.267	202	16995	0.370	ng/ul	98
21) Benzo(a)anthracene	21.020	228	14495	0.358	ng/ul	99
22) Chrysene	21.073	228	16509	0.375	ng/ul	99
24) Benzo(b)fluoranthene	22.519	252	16466	0.401	ng/ul	95
25) Benzo(k)fluoranthene	22.560	252	17480	0.387	ng/ul	95
26) Benzo(a)pyrene	23.048	252	15681	0.384	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.195	276	18452	0.349	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.205	278	14730	0.349	ng/ul	97
29) Benzo(g,h,i)perylene	25.819	276	15974	0.351	ng/ul	96

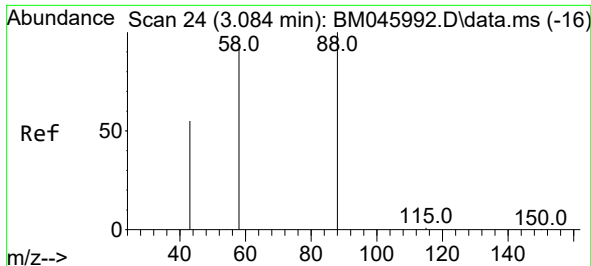
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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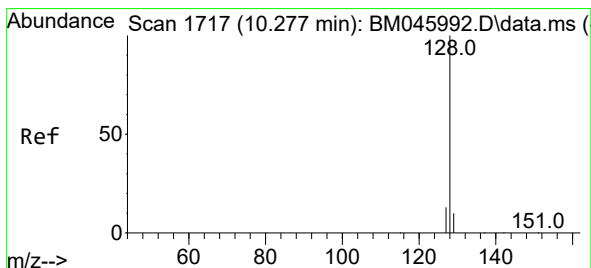
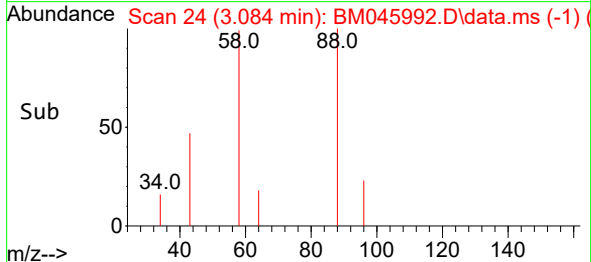
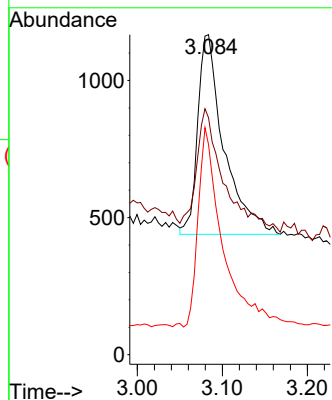
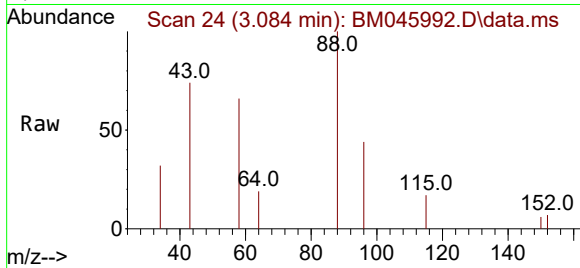




#2
1,4-Dioxane
Concen: 0.432 ng/ul
RT: 3.084 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM045992.D
Acq: 12 Jun 2024 10:50

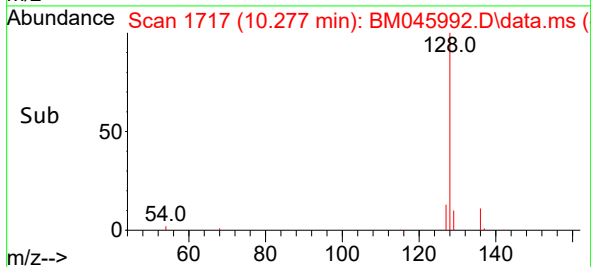
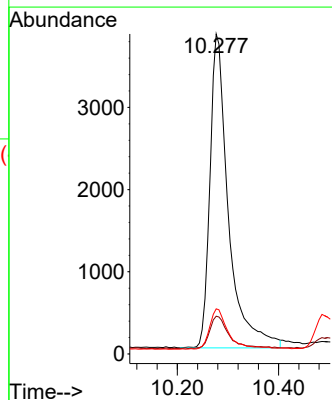
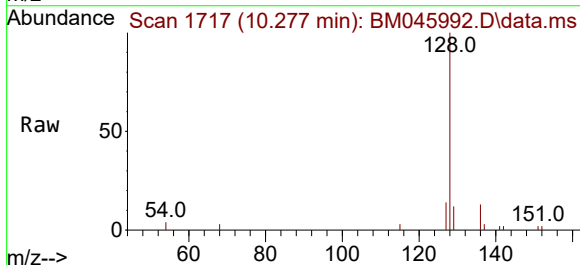
Instrument :
BNA_M
ClientSampleId :
SSTD0.4126

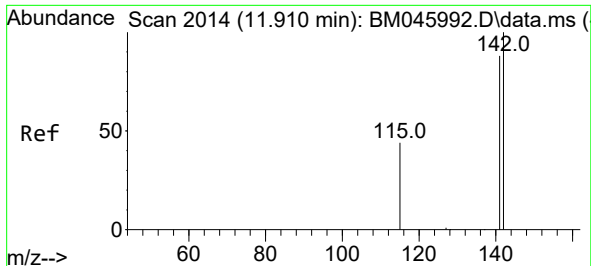
Tgt Ion: 88 Resp: 1563
Ion Ratio Lower Upper
88 100
43 74.0 87.4 131.2#
58 65.7 51.1 76.7



#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BM045992.D
Acq: 12 Jun 2024 10:50

Tgt Ion: 128 Resp: 9694
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 14.1 10.6 15.8

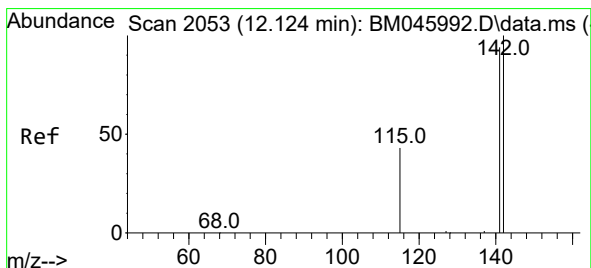
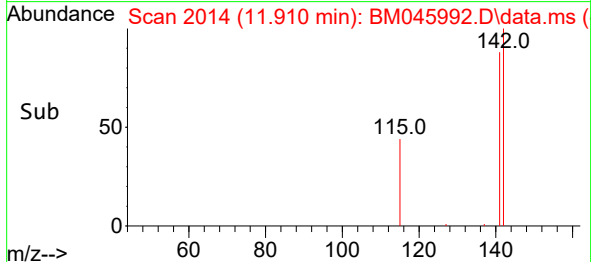
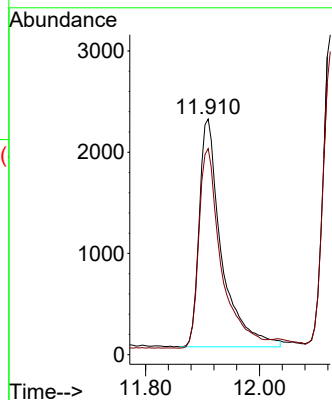
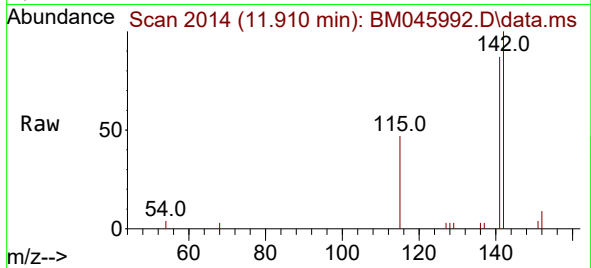




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BM045992.D
Acq: 12 Jun 2024 10:50

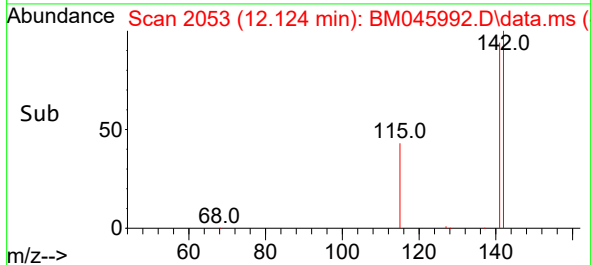
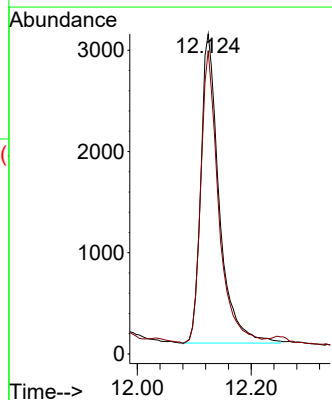
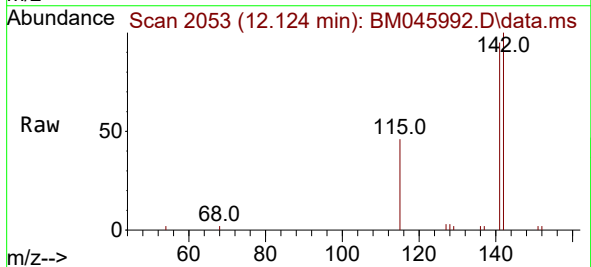
Instrument :
BNA_M
ClientSampleId :
SSTD0.4126

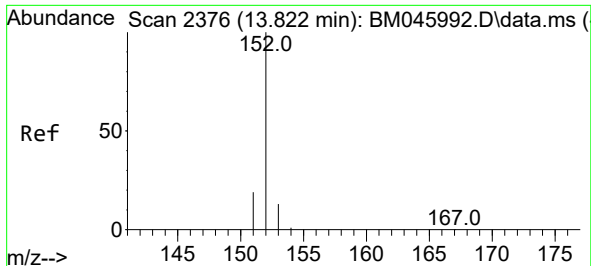
Tgt Ion:142 Resp: 6109
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.4



#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.124 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BM045992.D
Acq: 12 Jun 2024 10:50

Tgt Ion:142 Resp: 6816
Ion Ratio Lower Upper
142 100
141 92.9 73.5 110.3

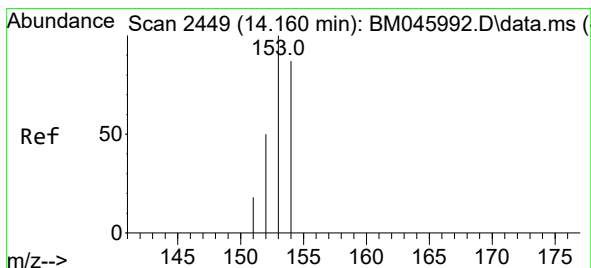
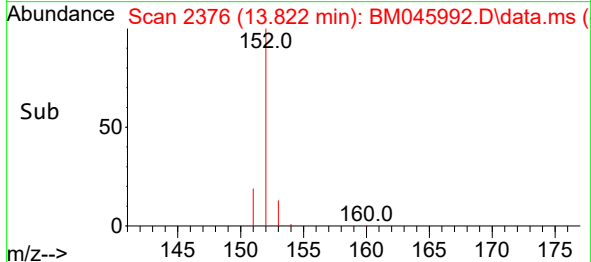
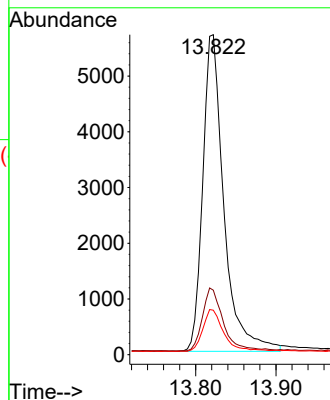
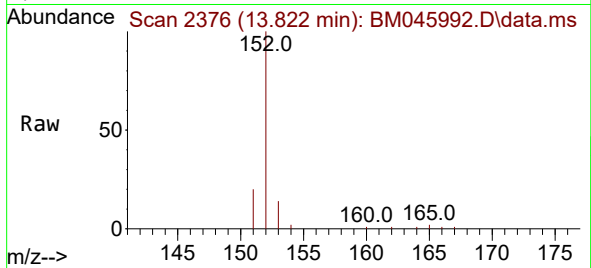




#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 13.822 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045992.D
Acq: 12 Jun 2024 10:50

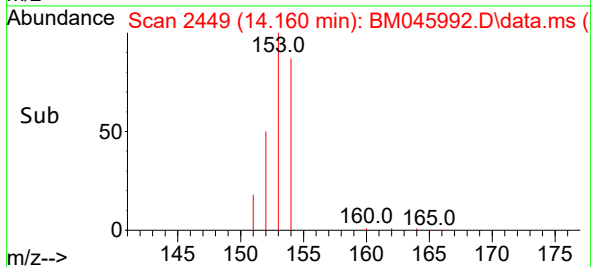
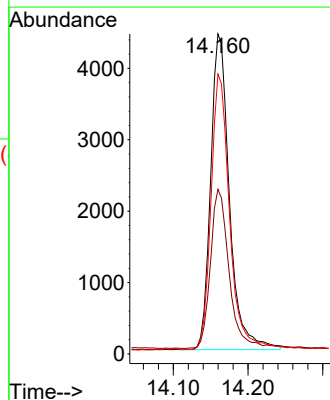
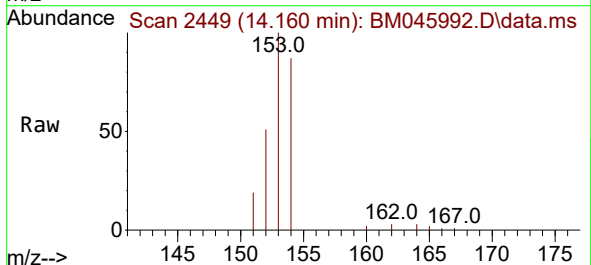
Instrument :
BNA_M
ClientSampleId :
SSTD0.4126

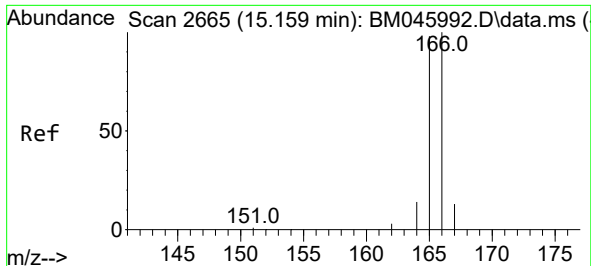
Tgt Ion:	152	Resp:	10412
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.4	24.6
153	13.9	11.1	16.7



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.160 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM045992.D
Acq: 12 Jun 2024 10:50

Tgt Ion:	153	Resp:	7702
Ion Ratio	Lower	Upper	
153	100		
152	51.5	39.0	58.4
154	87.5	69.4	104.2

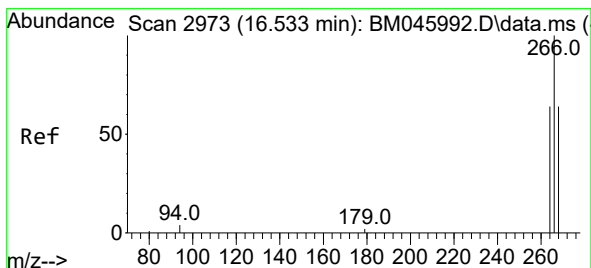
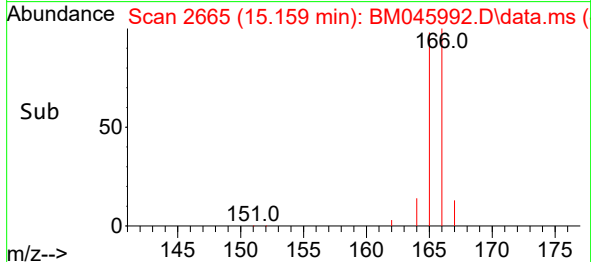
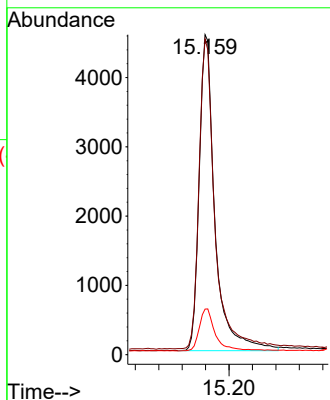
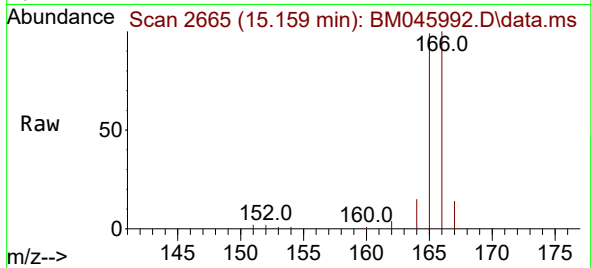




#12
 Fluorene
 Concen: 0.377 ng/ul
 RT: 15.159 min Scan# 2665
 Delta R.T. 0.000 min
 Lab File: BM045992.D
 Acq: 12 Jun 2024 10:50

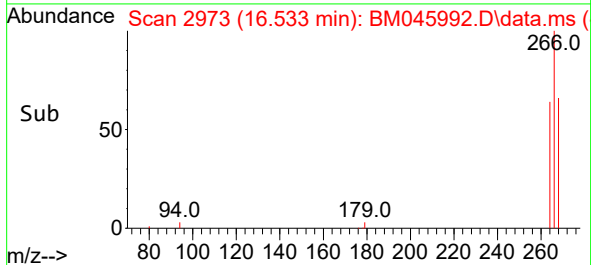
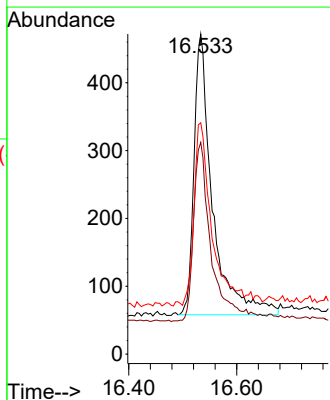
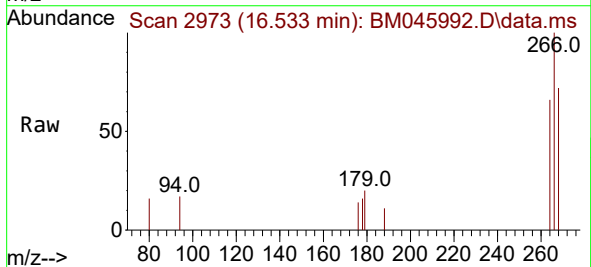
Instrument :
 BNA_M
 ClientSampleId :
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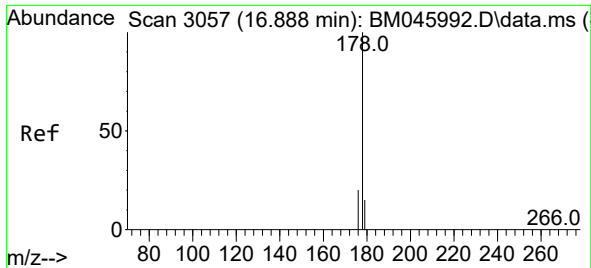
Tgt Ion:166 Resp: 8562
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.7 119.5
 167 14.3 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.397 ng/ul
 RT: 16.533 min Scan# 2973
 Delta R.T. 0.000 min
 Lab File: BM045992.D
 Acq: 12 Jun 2024 10:50

Tgt Ion:266 Resp: 984
 Ion Ratio Lower Upper
 266 100
 264 61.0 47.9 71.9
 268 64.2 50.9 76.3

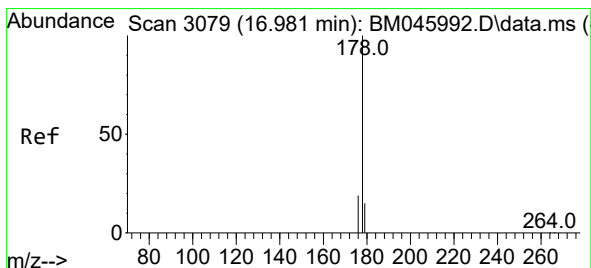
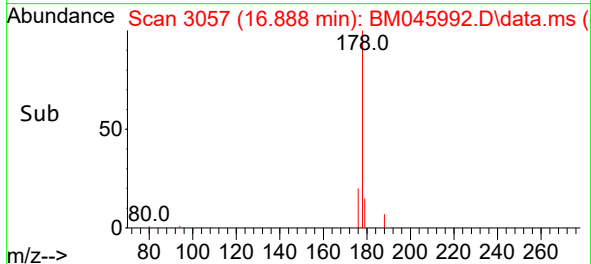
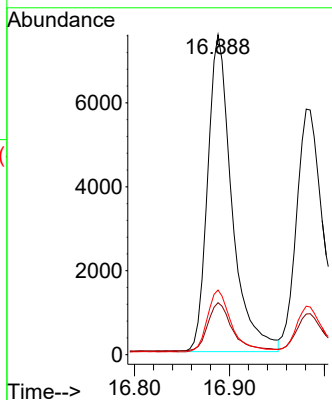
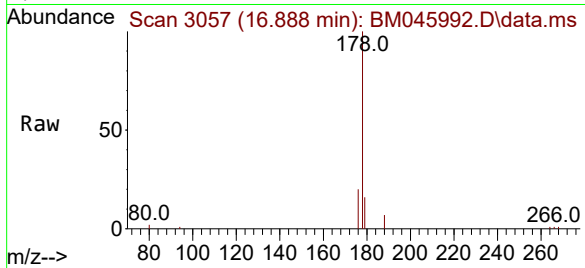




#15
Phenanthrene
Concen: 0.361 ng/ul
RT: 16.888 min Scan# 3057
Delta R.T. 0.000 min
Lab File: BM045992.D
Acq: 12 Jun 2024 10:50

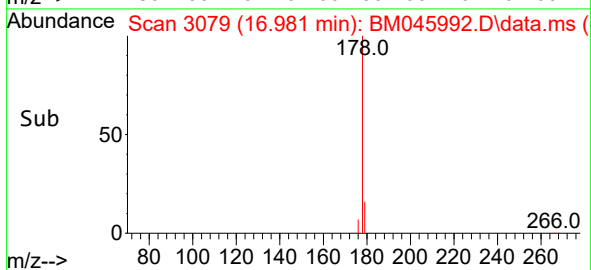
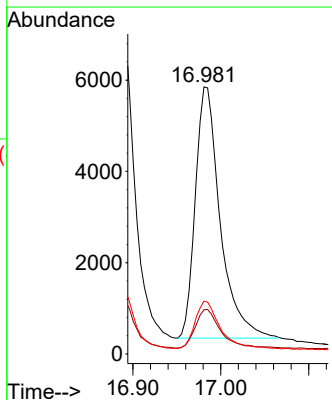
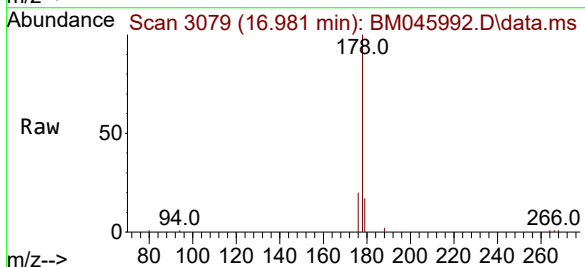
Instrument :
BNA_M
ClientSampleId :
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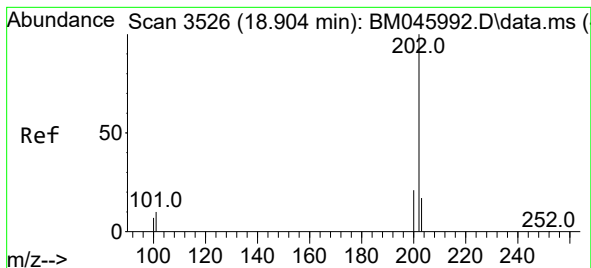
Tgt Ion:	178	Resp:	13436
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.7	19.1
176	20.2	15.6	23.4



#16
Anthracene
Concen: 0.341 ng/ul
RT: 16.981 min Scan# 3079
Delta R.T. 0.000 min
Lab File: BM045992.D
Acq: 12 Jun 2024 10:50

Tgt Ion:	178	Resp:	10827
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.1	19.7
176	19.8	15.5	23.3





#19

Fluoranthene

Concen: 0.374 ng/ul

RT: 18.904 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BM045992.D

Acq: 12 Jun 2024 10:50

Instrument :

BNA_M

ClientSampleId :

SSTD0.4126

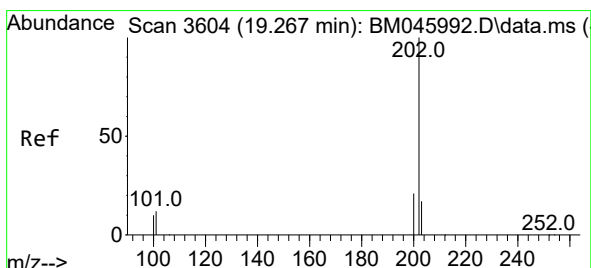
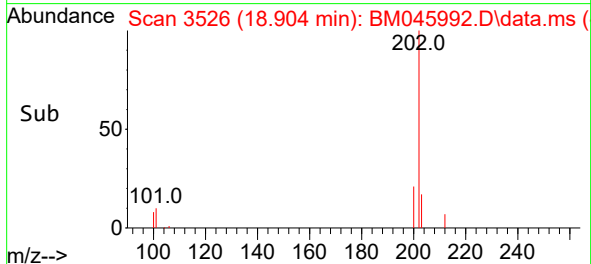
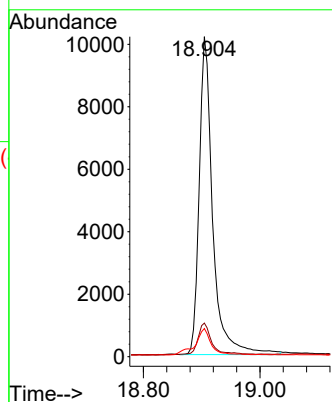
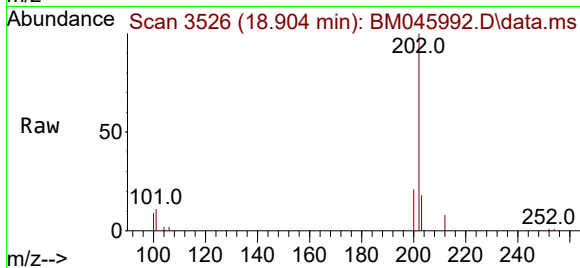
Tgt Ion:202 Resp: 16437

Ion Ratio Lower Upper

202 100

101 10.5 9.0 13.6

100 8.8 7.0 10.6



#20

Pyrene

Concen: 0.370 ng/ul

RT: 19.267 min Scan# 3604

Delta R.T. 0.000 min

Lab File: BM045992.D

Acq: 12 Jun 2024 10:50

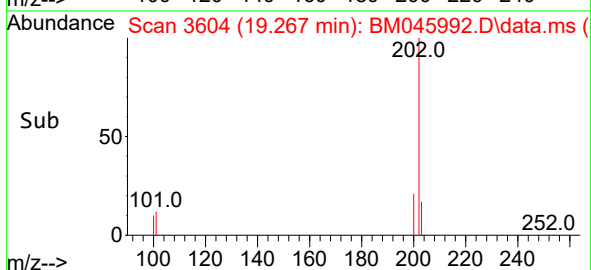
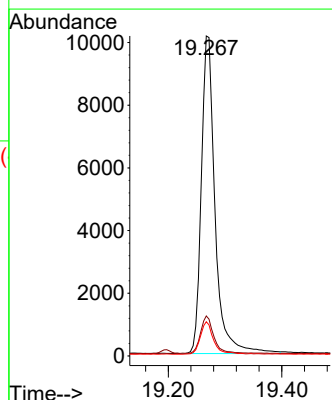
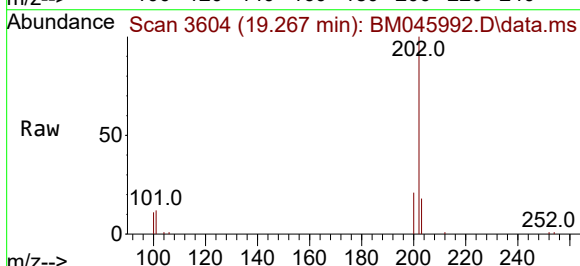
Tgt Ion:202 Resp: 16995

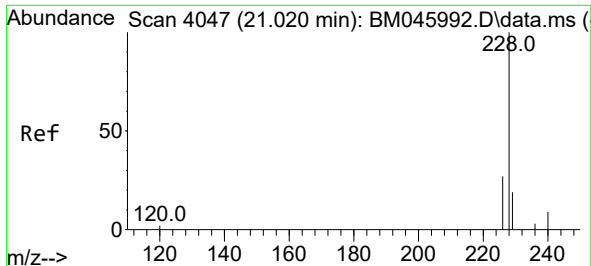
Ion Ratio Lower Upper

202 100

101 12.5 10.6 16.0

100 10.7 9.1 13.7

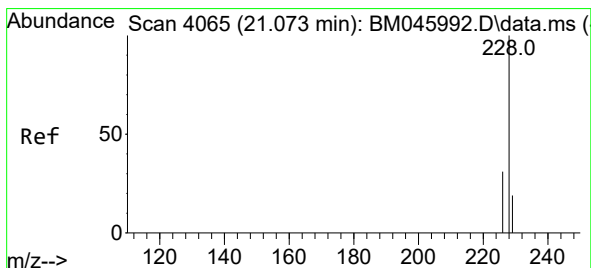
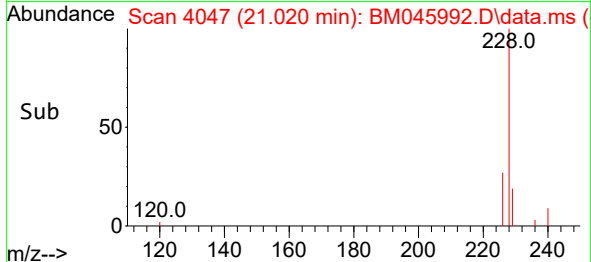
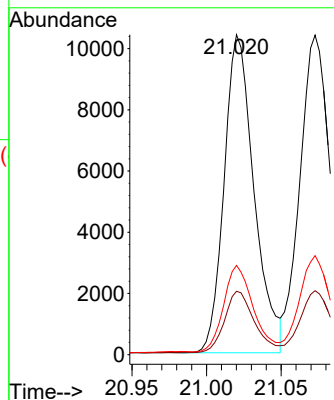
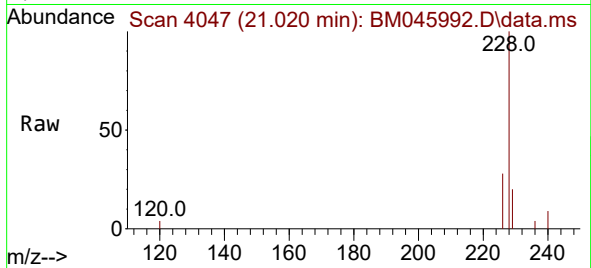




#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.020 min Scan# 4047
Delta R.T. 0.000 min
Lab File: BM045992.D
Acq: 12 Jun 2024 10:50

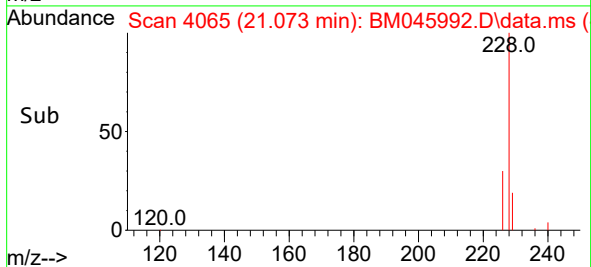
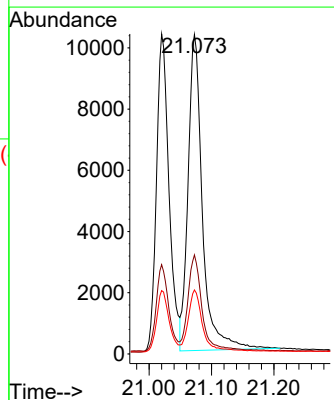
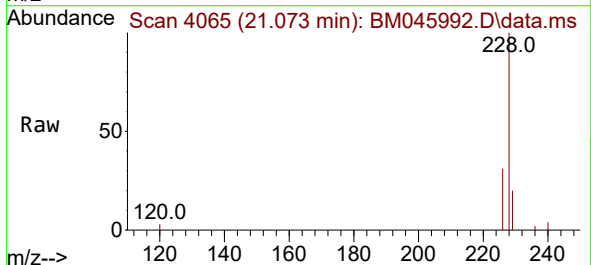
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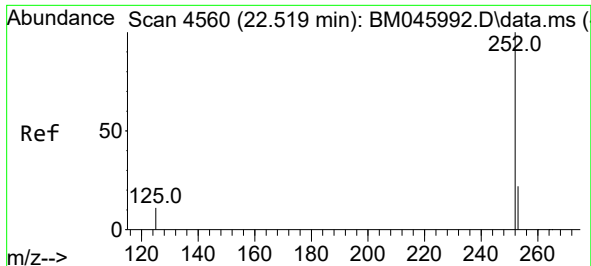
Tgt Ion:228 Resp: 14495
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.9 22.0 33.0



#22
Chrysene
Concen: 0.375 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. 0.000 min
Lab File: BM045992.D
Acq: 12 Jun 2024 10:50

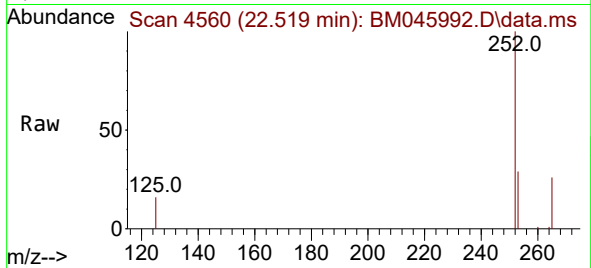
Tgt Ion:228 Resp: 16509
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 20.0 16.2 24.2



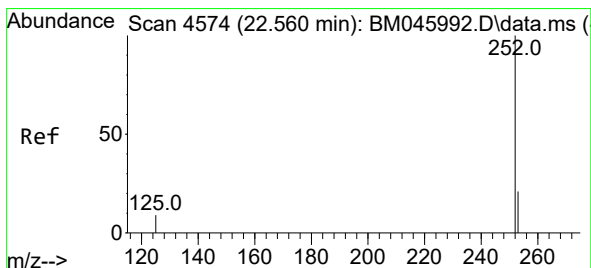
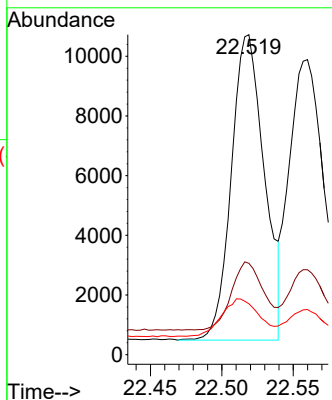


#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 22.519 min Scan# 4560
Delta R.T. 0.000 min
Lab File: BM045992.D
Acq: 12 Jun 2024 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.4126

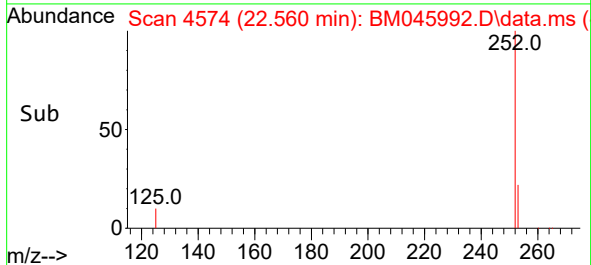
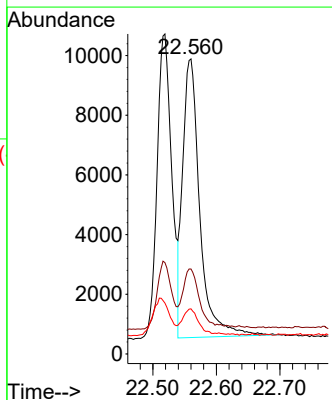
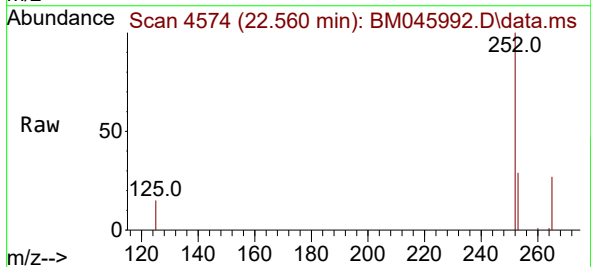


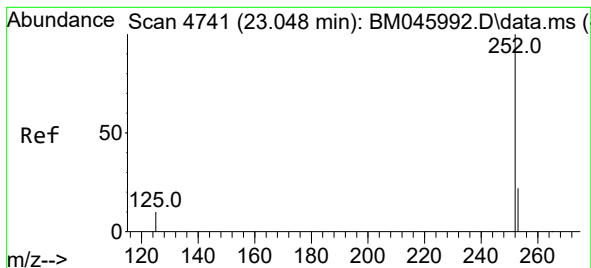
Tgt Ion:252 Resp: 16466
Ion Ratio Lower Upper
252 100
253 28.6 0.0 63.6
125 15.9 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul
RT: 22.560 min Scan# 4574
Delta R.T. 0.000 min
Lab File: BM045992.D
Acq: 12 Jun 2024 10:50

Tgt Ion:252 Resp: 17480
Ion Ratio Lower Upper
252 100
253 28.8 25.0 37.6
125 15.3 14.2 21.2





#26

Benzo(a)pyrene

Concen: 0.384 ng/ul

RT: 23.048 min Scan# 4741

Delta R.T. 0.000 min

Lab File: BM045992.D

Acq: 12 Jun 2024 10:50

Instrument :

BNA_M

ClientSampleId :

SSTD0.4126

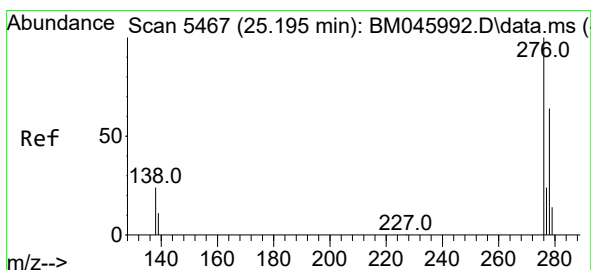
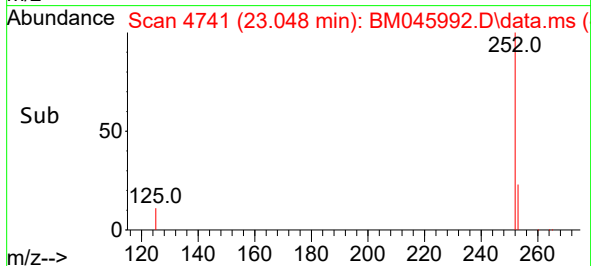
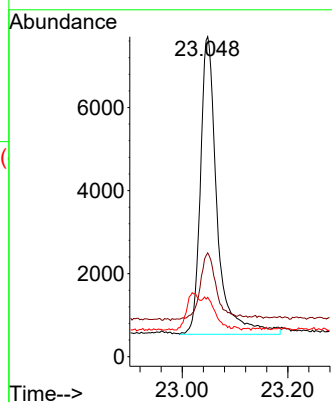
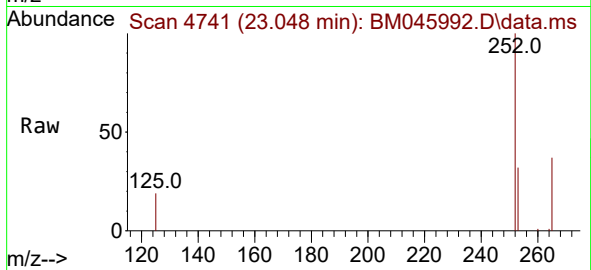
Tgt Ion:252 Resp: 15681

Ion Ratio Lower Upper

252 100

253 32.5 28.8 43.2

125 18.6 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.349 ng/ul

RT: 25.195 min Scan# 5467

Delta R.T. 0.000 min

Lab File: BM045992.D

Acq: 12 Jun 2024 10:50

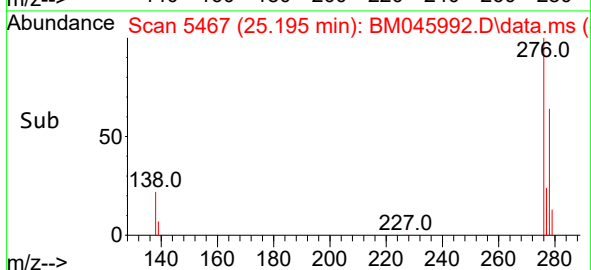
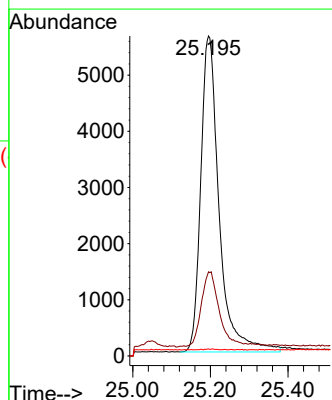
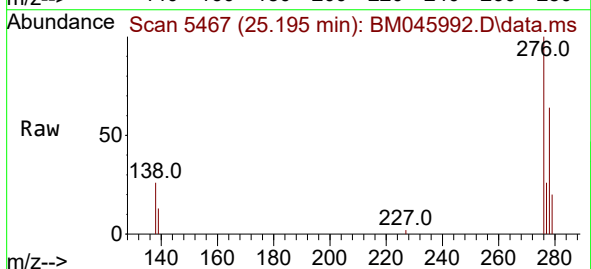
Tgt Ion:276 Resp: 18452

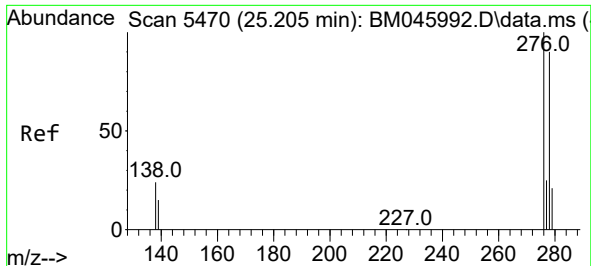
Ion Ratio Lower Upper

276 100

138 23.4 20.7 31.1

227 0.1 0.2 0.2#

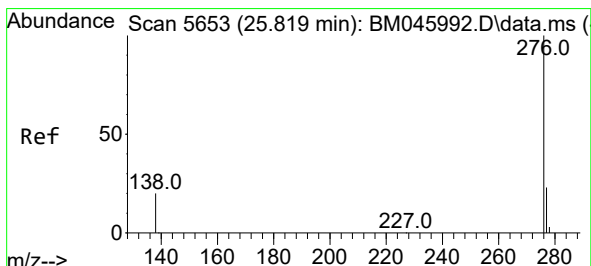
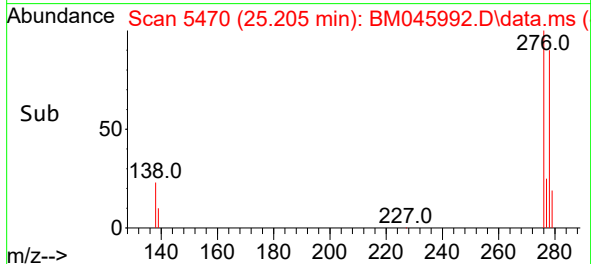
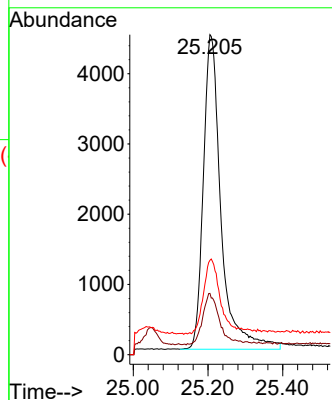
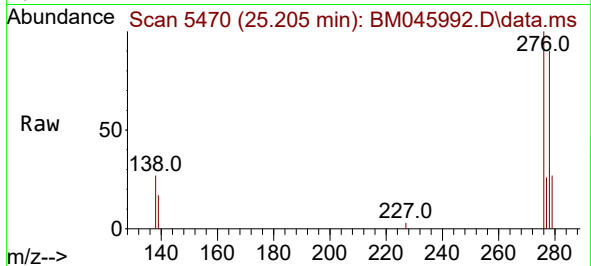




#28
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 25.205 min Scan# 5470
Delta R.T. 0.000 min
Lab File: BM045992.D
Acq: 12 Jun 2024 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.4126

Tgt Ion:278 Resp: 14730
Ion Ratio Lower Upper
278 100
139 19.2 16.6 25.0
279 29.5 24.6 37.0



#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 25.819 min Scan# 5653
Delta R.T. 0.000 min
Lab File: BM045992.D
Acq: 12 Jun 2024 10:50

Tgt Ion:276 Resp: 15974
Ion Ratio Lower Upper
276 100
138 23.1 21.0 31.4
277 24.9 20.5 30.7

