

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
 Data File : BM045093.D
 Acq On : 10 Apr 2024 11:20
 Operator : MA/JU
 Sample : P2013-15MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0MC0MS

Quant Time: Apr 10 11:49:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 10 11:09:26 2024
 Response via : Initial Calibration

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

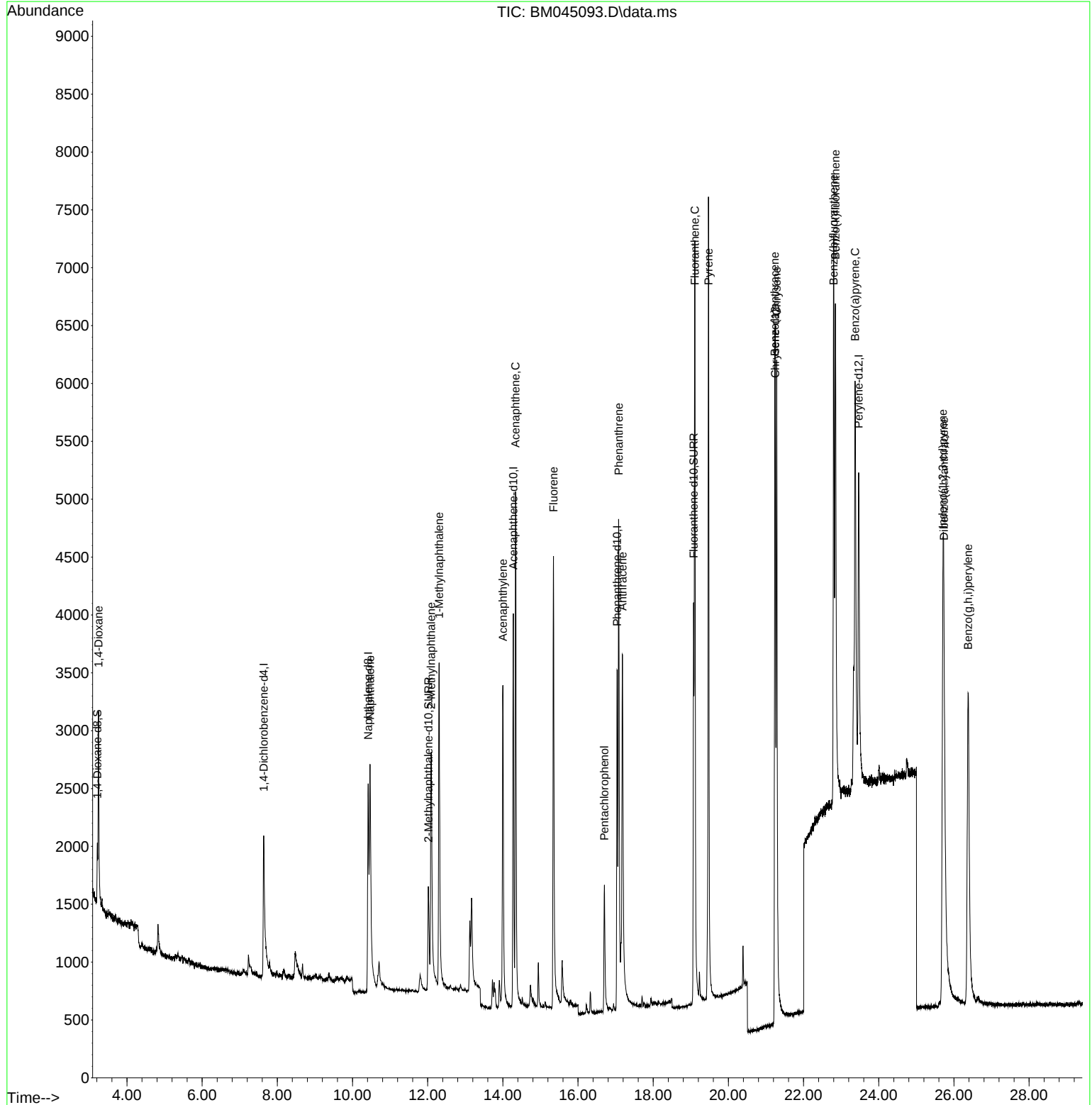
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1279	0.400	ng/ul	0.00
4) Naphthalene-d8	10.418	136	4251	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.279	164	2236	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.043	188	4656	0.400	ng/ul	-0.01
17) Chrysene-d12	21.249	240	3535	0.400	ng/ul	# 0.00
23) Perylene-d12	23.467	264	4168	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	536	0.319	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.019	152	2041	0.354	ng/ul	-0.01
18) Fluoranthene-d10	19.075	212	4810	0.538	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.243	88	1252	0.777	ng/ul#	83
5) Naphthalene	10.468	128	4084	0.362	ng/ul	98
7) 2-Methylnaphthalene	12.090	142	2525	0.375	ng/ul	98
8) 1-Methylnaphthalene	12.305	142	2587	0.352	ng/ul	98
10) Acenaphthylene	14.001	152	4389	0.393	ng/ul	96
11) Acenaphthene	14.339	153	3206	0.401	ng/ul	100
12) Fluorene	15.348	166	3499	0.391	ng/ul	99
14) Pentachlorophenol	16.701	266	1055	0.966	ng/ul	97
15) Phenanthrene	17.081	178	5616	0.428	ng/ul	99
16) Anthracene	17.182	178	5527	0.428	ng/ul	97
19) Fluoranthene	19.108	202	6864	0.543	ng/ul	98
20) Pyrene	19.470	202	7178	0.538	ng/ul	98
21) Benzo(a)anthracene	21.234	228	5268	0.428	ng/ul	98
22) Chrysene	21.284	228	6786	0.442	ng/ul	98
24) Benzo(b)fluoranthene	22.800	252	6643	0.441	ng/ul	94
25) Benzo(k)fluoranthene	22.847	252	7501	0.445	ng/ul#	91
26) Benzo(a)pyrene	23.373	252	6414	0.446	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.706	276	8322	0.422	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.732	278	6235	0.400	ng/ul#	90
29) Benzo(g,h,i)perylene	26.380	276	7526	0.443	ng/ul	96

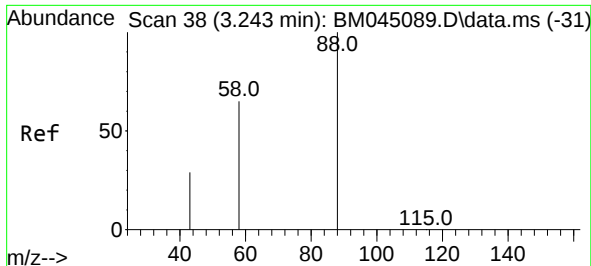
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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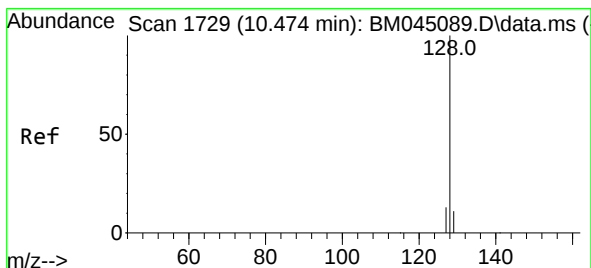
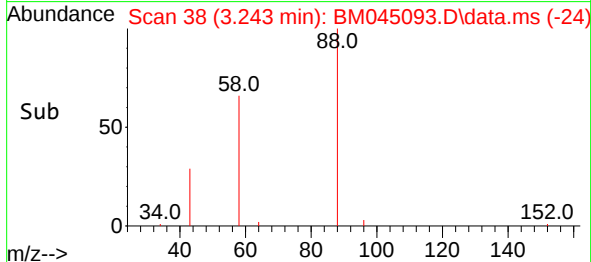
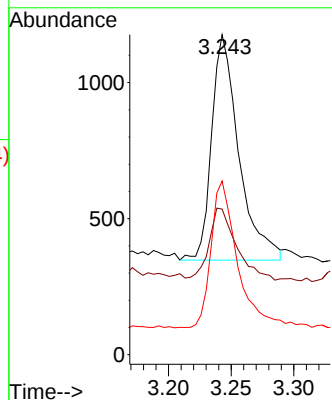
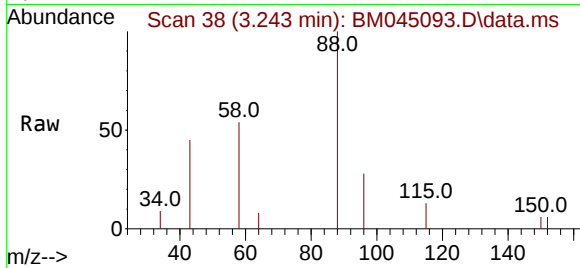




#2
 1,4-Dioxane
 Concen: 0.777 ng/ul
 RT: 3.243 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM045093.D
 Acq: 10 Apr 2024 11:20

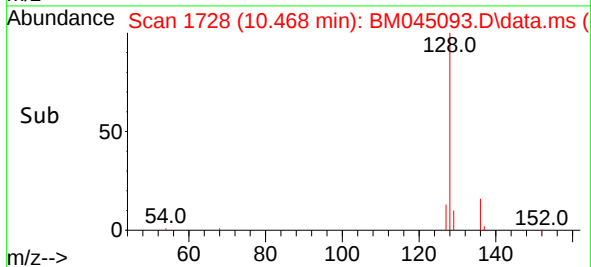
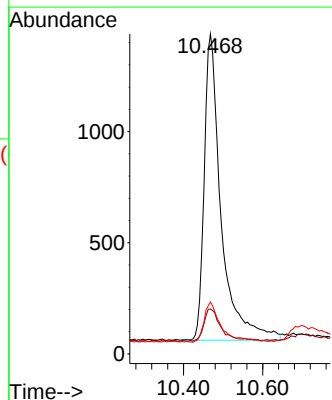
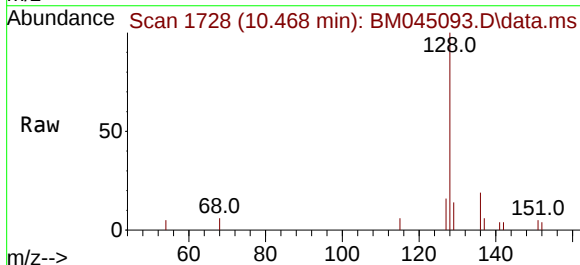
Instrument :
 BNA_M
 ClientSampleId :
 E0MC0MS

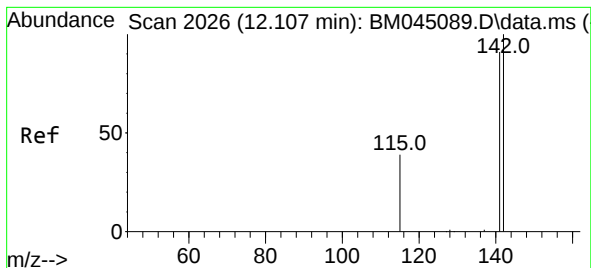
Tgt Ion: 88 Resp: 1252
 Ion Ratio Lower Upper
 88 100
 43 45.5 30.6 46.0
 58 54.3 32.6 48.8#



#5
 Naphthalene
 Concen: 0.362 ng/ul
 RT: 10.468 min Scan# 1728
 Delta R.T. -0.006 min
 Lab File: BM045093.D
 Acq: 10 Apr 2024 11:20

Tgt Ion:128 Resp: 4084
 Ion Ratio Lower Upper
 128 100
 129 14.0 11.3 16.9
 127 16.3 11.9 17.9

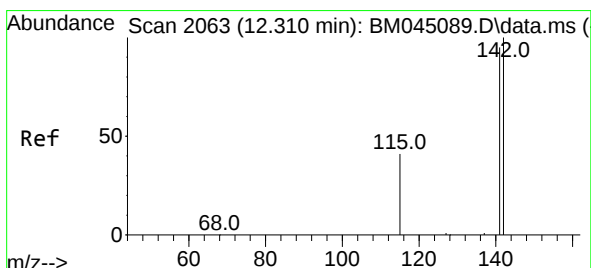
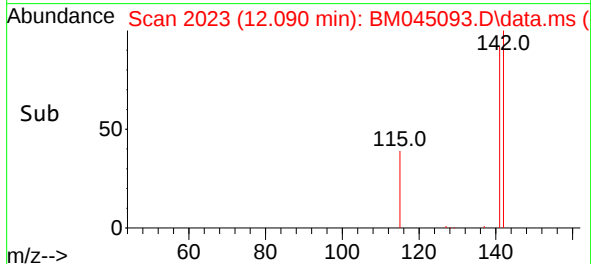
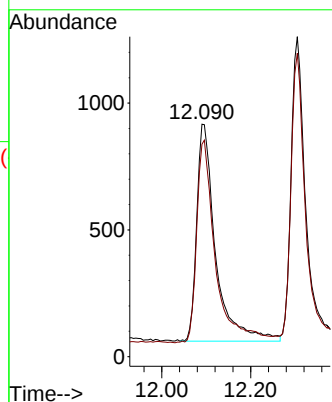
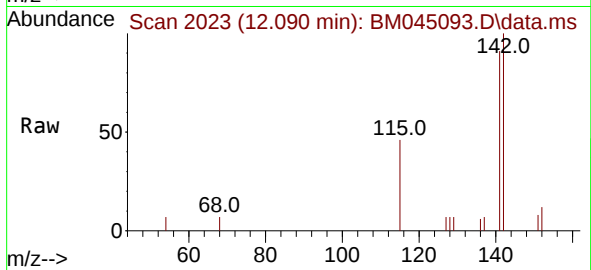




#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.090 min Scan# 2026
Delta R.T. -0.017 min
Lab File: BM045093.D
Acq: 10 Apr 2024 11:20

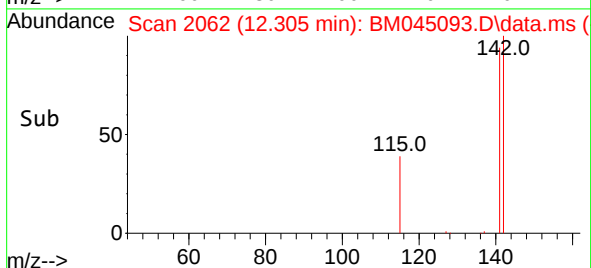
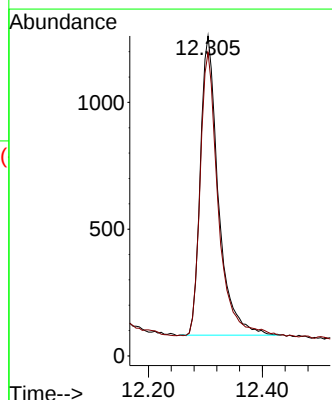
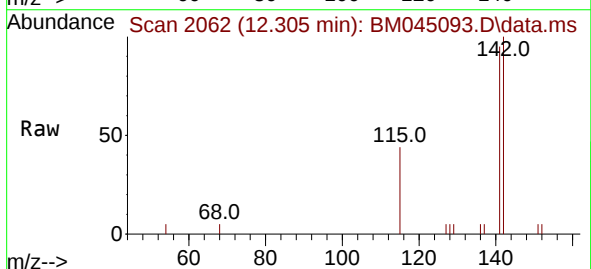
Instrument :
BNA_M
ClientSampleId :
EOMCOMS

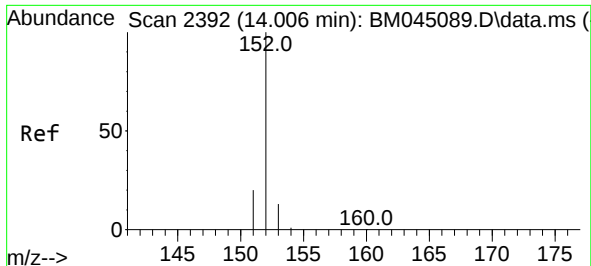
Tgt Ion:142 Resp: 2525
Ion Ratio Lower Upper
142 100
141 93.9 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. -0.006 min
Lab File: BM045093.D
Acq: 10 Apr 2024 11:20

Tgt Ion:142 Resp: 2587
Ion Ratio Lower Upper
142 100
141 95.0 74.2 111.2

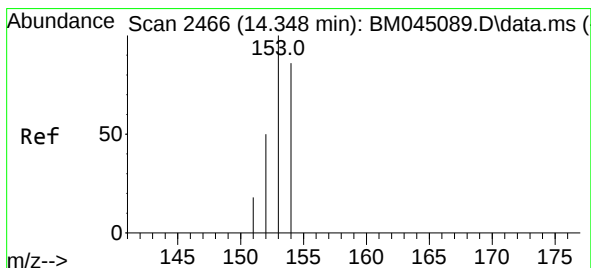
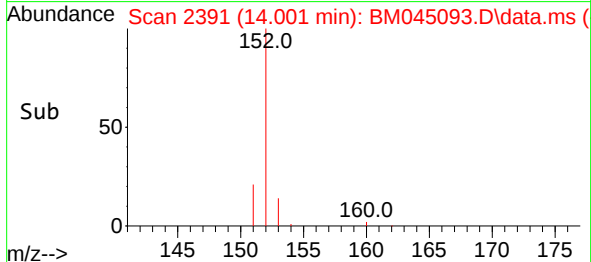
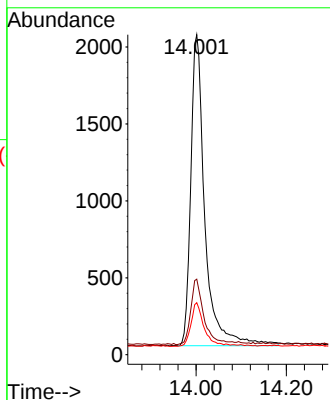
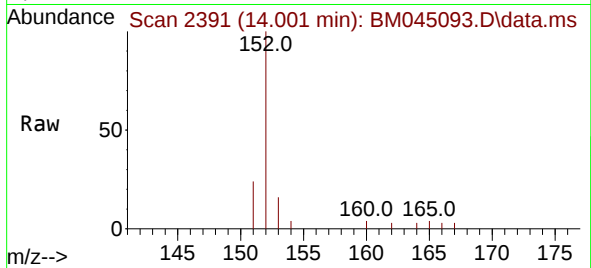




#10
Acenaphthylene
Concen: 0.393 ng/ul
RT: 14.001 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045093.D
Acq: 10 Apr 2024 11:20

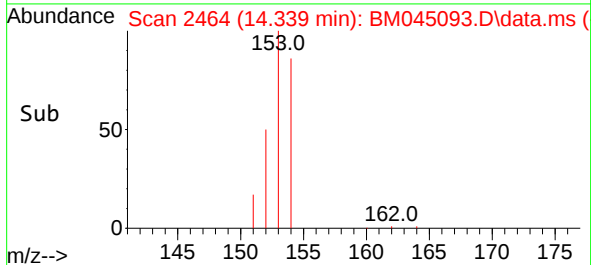
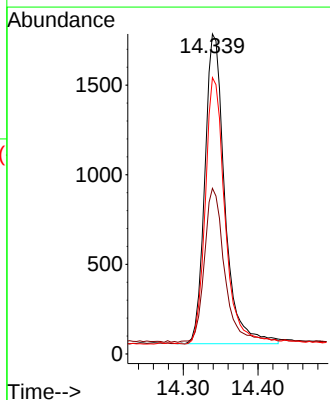
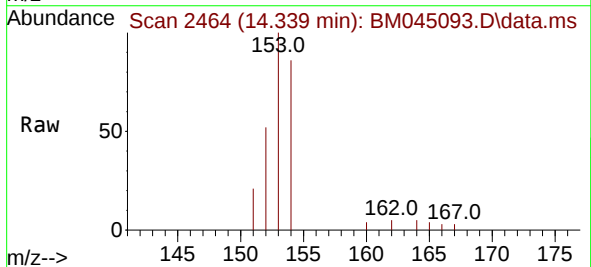
Instrument :
BNA_M
ClientSampleId :
E0MC0MS

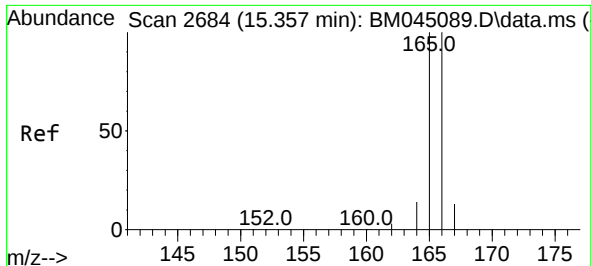
Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.6	17.0	25.4
153	16.3	11.9	17.9



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.339 min Scan# 2464
Delta R.T. -0.009 min
Lab File: BM045093.D
Acq: 10 Apr 2024 11:20

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.7	41.2	61.8
154	86.3	69.4	104.0

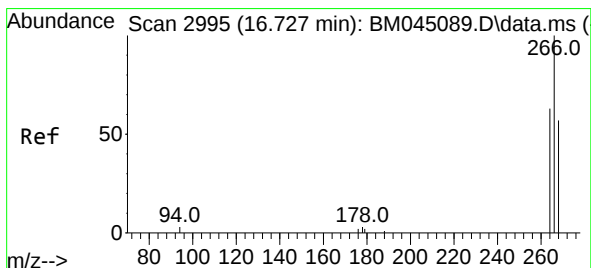
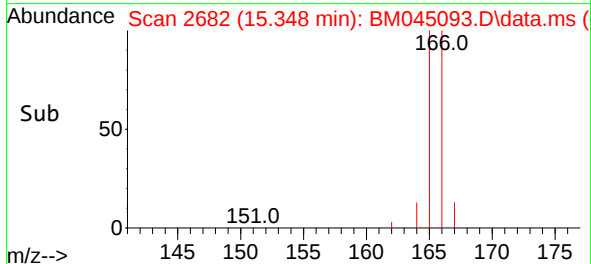
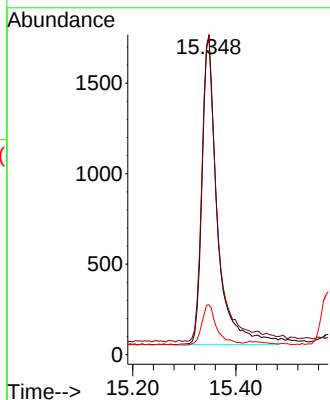
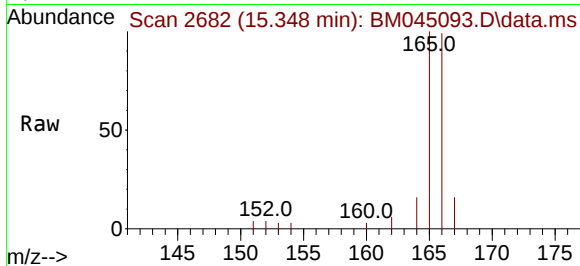




#12
 Fluorene
 Concen: 0.391 ng/ul
 RT: 15.348 min Scan# 2
 Delta R.T. -0.009 min
 Lab File: BM045093.D
 Acq: 10 Apr 2024 11:20

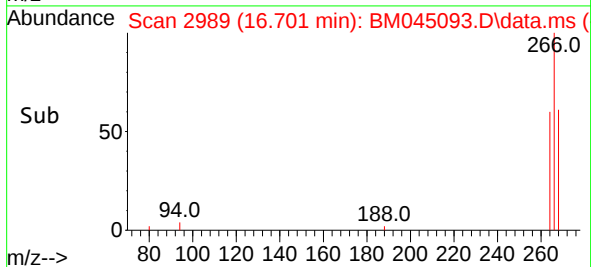
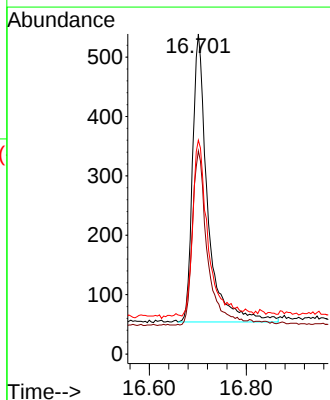
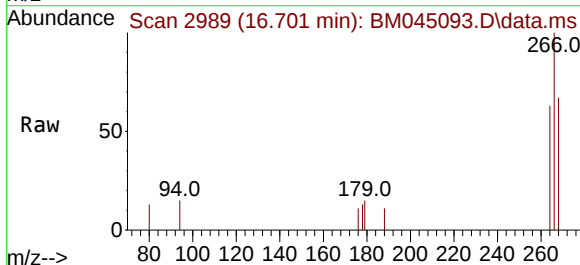
Instrument :
 BNA_M
 ClientSampleId :
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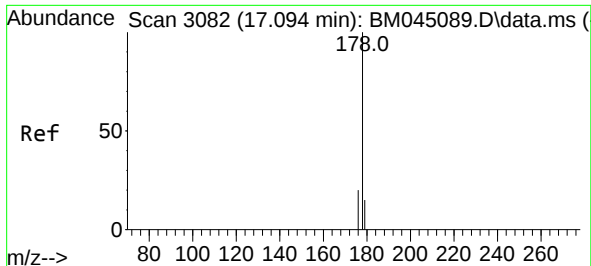
Tgt Ion:	166	Resp:	3499
Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.9	119.9
167	15.7	12.2	18.2



#14
 Pentachlorophenol
 Concen: 0.966 ng/ul
 RT: 16.701 min Scan# 2989
 Delta R.T. -0.025 min
 Lab File: BM045093.D
 Acq: 10 Apr 2024 11:20

Tgt Ion:	266	Resp:	1055
Ion	Ratio	Lower	Upper
266	100		
264	61.4	48.3	72.5
268	62.7	52.6	79.0

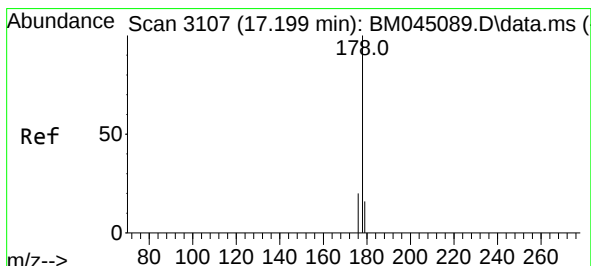
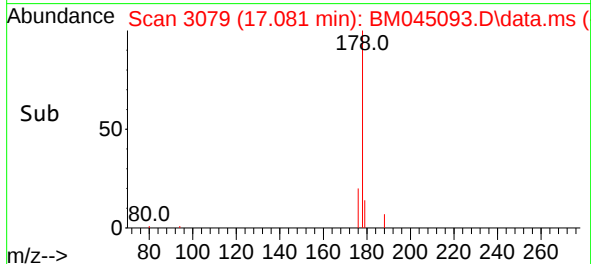
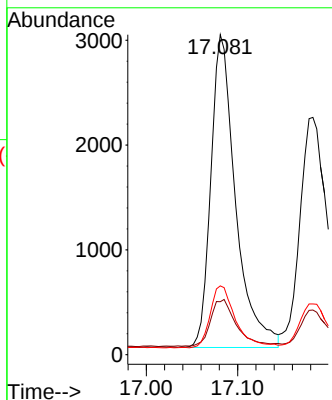
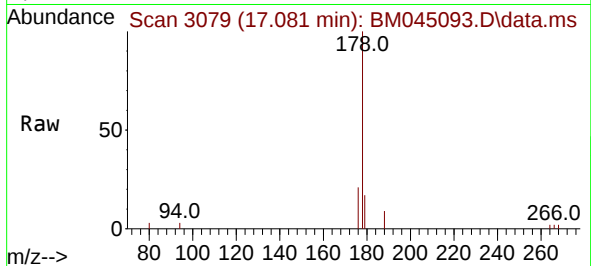




#15
Phenanthrene
Concen: 0.428 ng/ul
RT: 17.081 min Scan# 3082
Delta R.T. -0.013 min
Lab File: BM045093.D
Acq: 10 Apr 2024 11:20

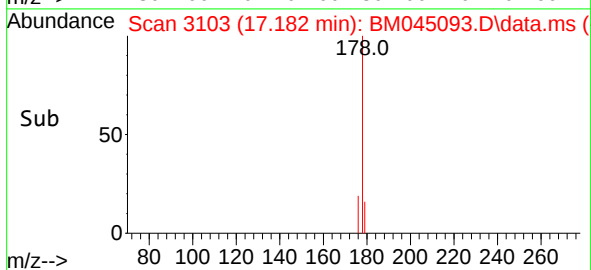
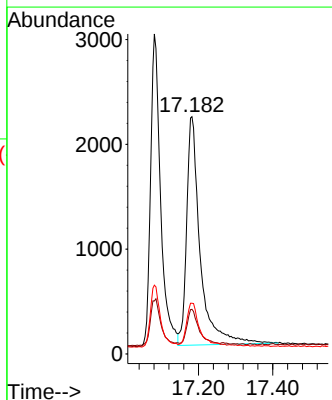
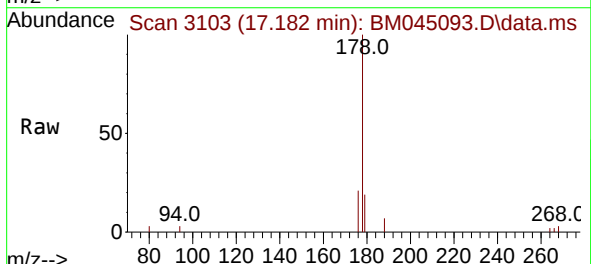
Instrument :
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ClientSampleId :
EOMCOMS

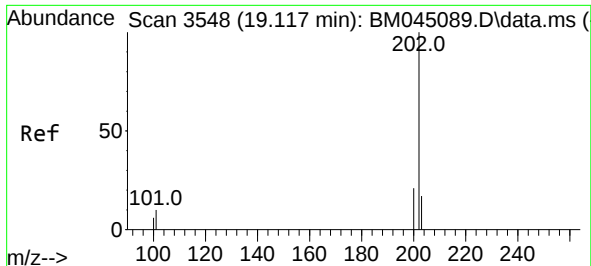
Tgt Ion:178 Resp: 5616
Ion Ratio Lower Upper
178 100
179 16.5 13.7 20.5
176 21.5 17.0 25.4



#16
Anthracene
Concen: 0.428 ng/ul
RT: 17.182 min Scan# 3103
Delta R.T. -0.017 min
Lab File: BM045093.D
Acq: 10 Apr 2024 11:20

Tgt Ion:178 Resp: 5527
Ion Ratio Lower Upper
178 100
179 18.8 13.8 20.8
176 21.4 16.2 24.4

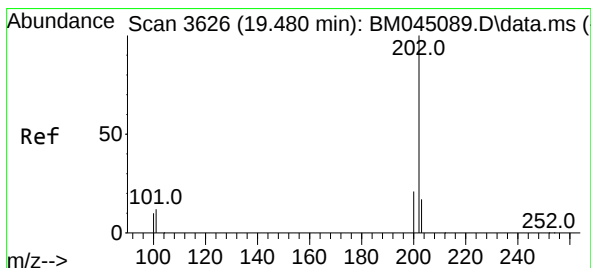
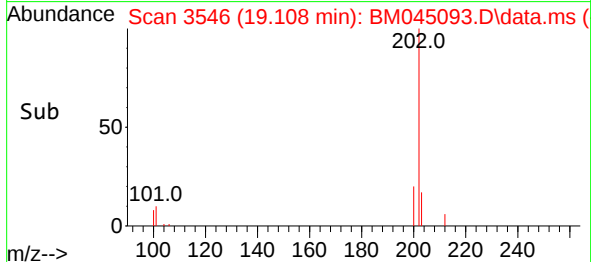
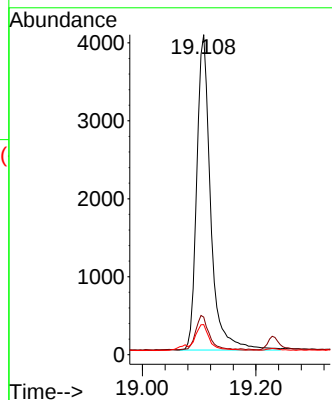
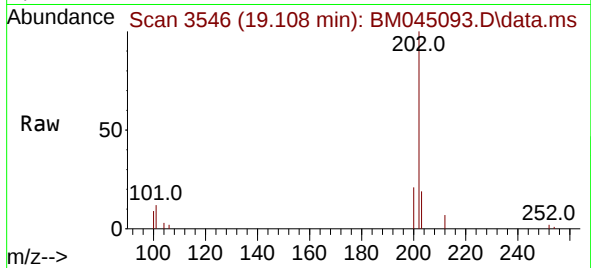




#19
Fluoranthene
Concen: 0.543 ng/u1
RT: 19.108 min Scan# 3546
Delta R.T. -0.009 min
Lab File: BM045093.D
Acq: 10 Apr 2024 11:20

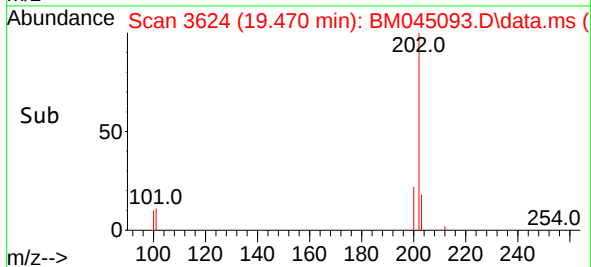
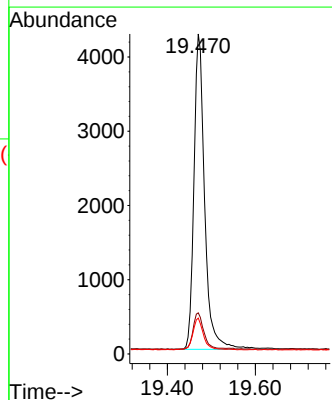
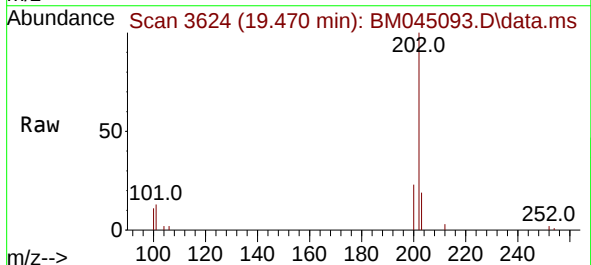
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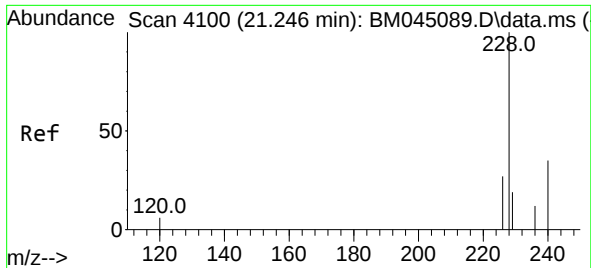
Tgt Ion:202 Resp: 6864
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 9.4 7.0 10.4



#20
Pyrene
Concen: 0.538 ng/u1
RT: 19.470 min Scan# 3624
Delta R.T. -0.009 min
Lab File: BM045093.D
Acq: 10 Apr 2024 11:20

Tgt Ion:202 Resp: 7178
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.6
100 11.2 8.1 12.1

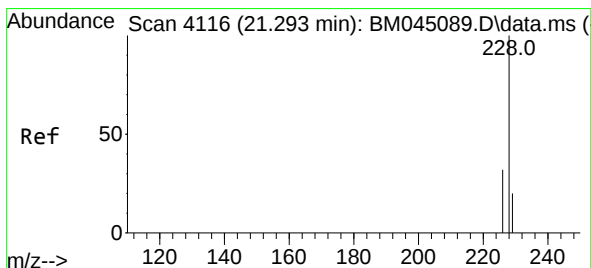
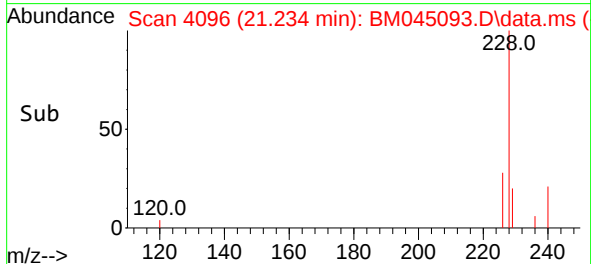
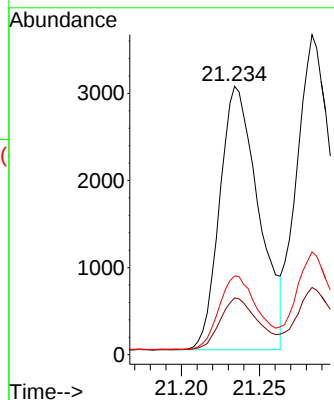
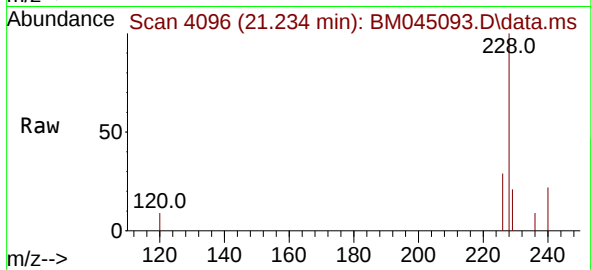




#21
Benzo(a)anthracene
Concen: 0.428 ng/ul
RT: 21.234 min Scan# 4096
Delta R.T. -0.012 min
Lab File: BM045093.D
Acq: 10 Apr 2024 11:20

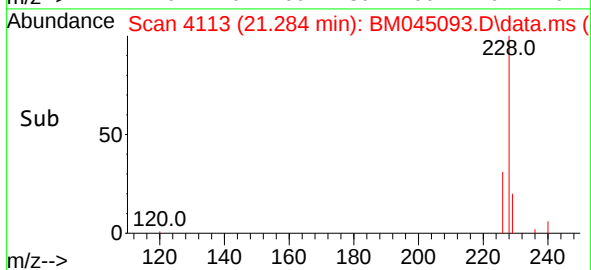
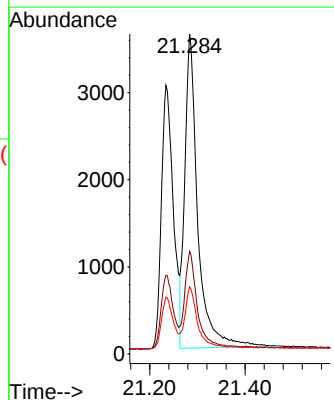
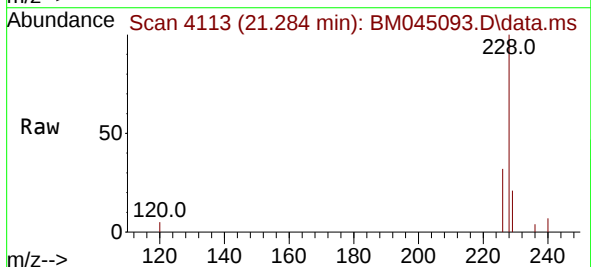
Instrument :
BNA_M
ClientSampleId :
E0MC0MS

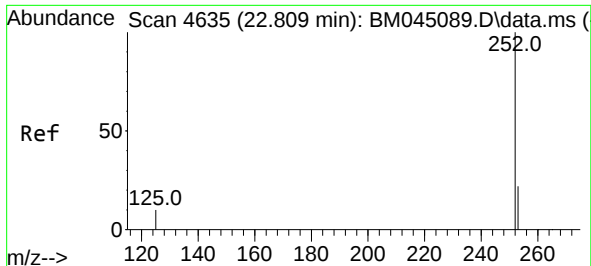
Tgt Ion:	228	Resp:	5268
Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.4	24.6
226	29.3	22.3	33.5



#22
Chrysene
Concen: 0.442 ng/ul
RT: 21.284 min Scan# 4113
Delta R.T. -0.009 min
Lab File: BM045093.D
Acq: 10 Apr 2024 11:20

Tgt Ion:	228	Resp:	6786
Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	21.0	15.9	23.9

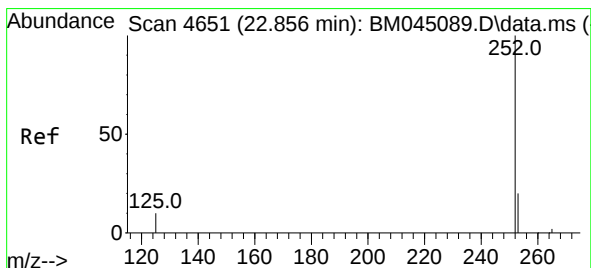
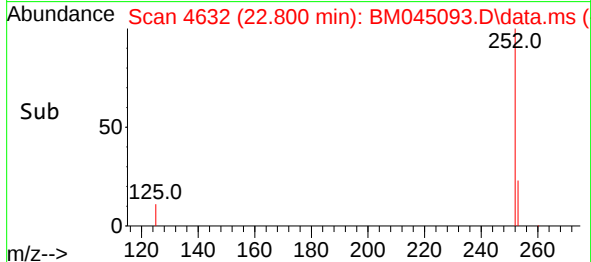
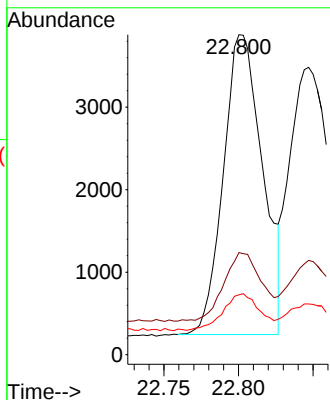
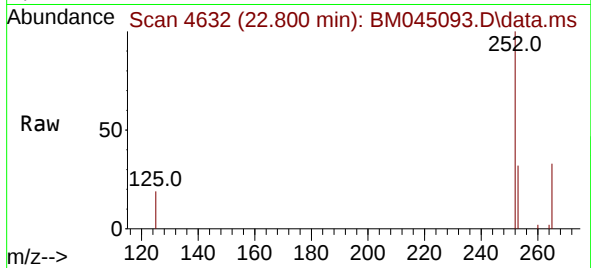




#24
Benzo(b)fluoranthene
Concen: 0.441 ng/ul
RT: 22.800 min Scan# 4635
Delta R.T. -0.009 min
Lab File: BM045093.D
Acq: 10 Apr 2024 11:20

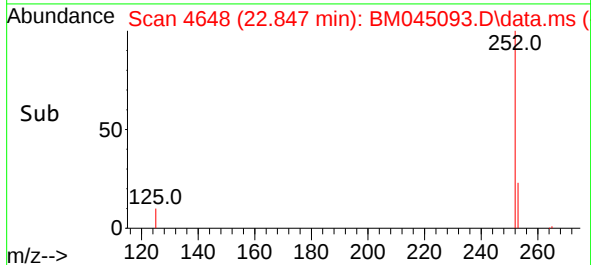
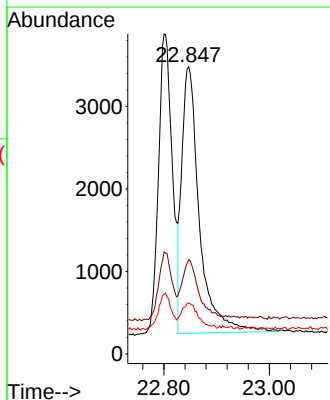
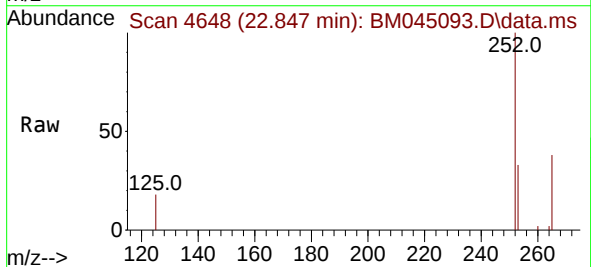
Instrument :
BNA_M
ClientSampleId :
E0MC0MS

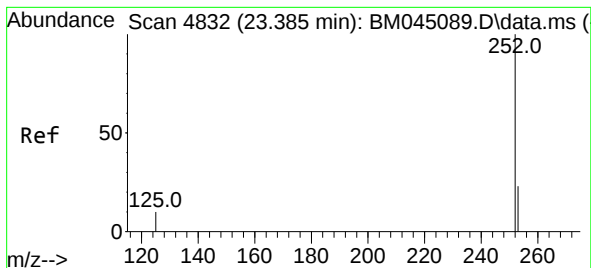
Tgt Ion:252 Resp: 6643
Ion Ratio Lower Upper
252 100
253 31.9 0.0 56.4
125 18.7 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.445 ng/ul
RT: 22.847 min Scan# 4648
Delta R.T. -0.009 min
Lab File: BM045093.D
Acq: 10 Apr 2024 11:20

Tgt Ion:252 Resp: 7501
Ion Ratio Lower Upper
252 100
253 32.8 22.3 33.5
125 17.7 11.6 17.4#





#26

Benzo(a)pyrene

Concen: 0.446 ng/ul

RT: 23.373 min Scan# 4828

Delta R.T. -0.012 min

Lab File: BM045093.D

Acq: 10 Apr 2024 11:20

Instrument :

BNA_M

ClientSampleId :

EOMCOMS

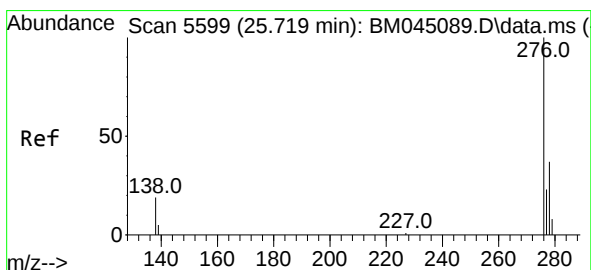
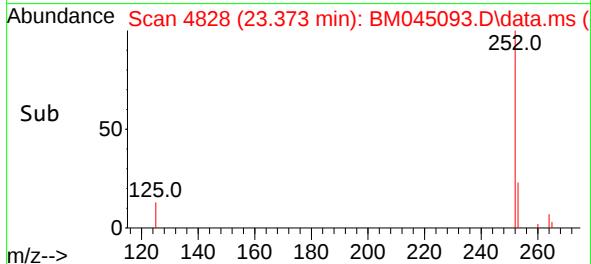
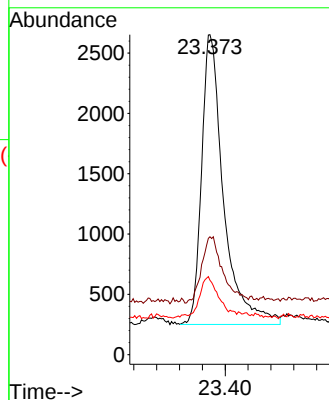
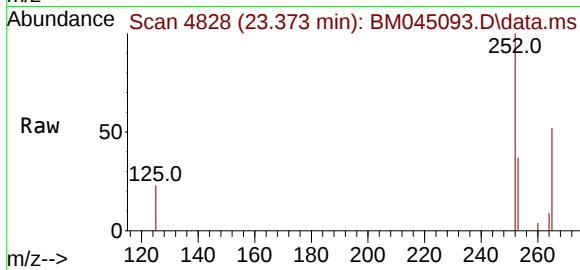
Tgt Ion:252 Resp: 6414

Ion Ratio Lower Upper

252 100

253 36.8 24.6 37.0

125 23.2 18.2 27.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.422 ng/ul

RT: 25.706 min Scan# 5595

Delta R.T. -0.014 min

Lab File: BM045093.D

Acq: 10 Apr 2024 11:20

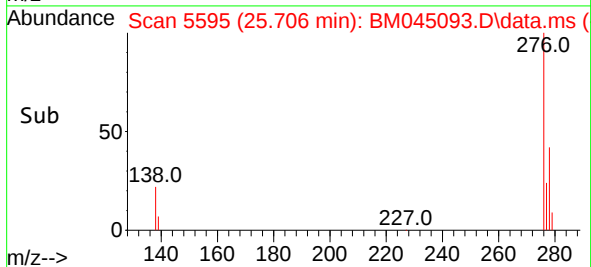
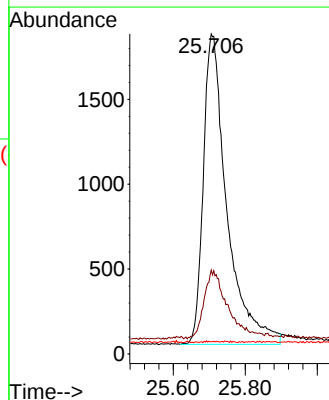
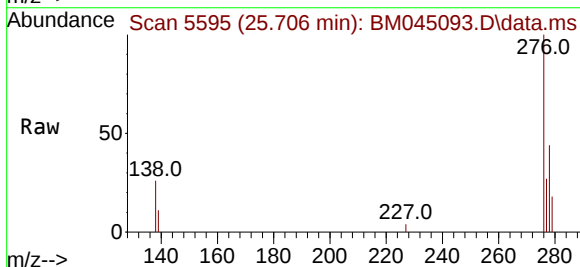
Tgt Ion:276 Resp: 8322

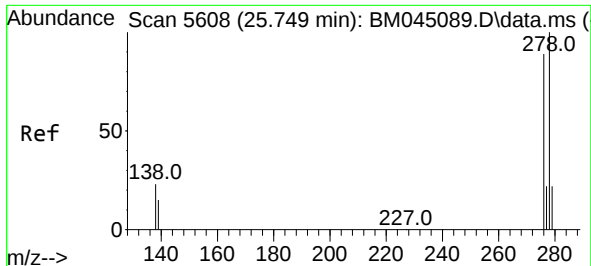
Ion Ratio Lower Upper

276 100

138 22.4 0.0 0.0#

227 0.0 0.1 0.1#

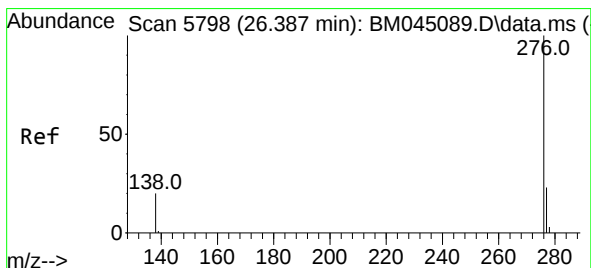
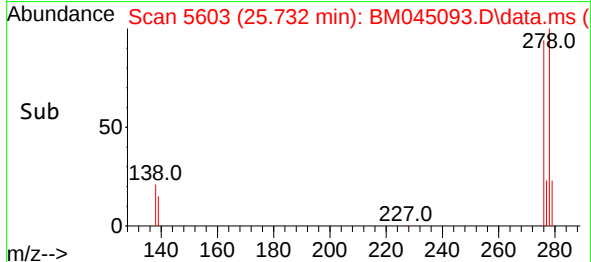
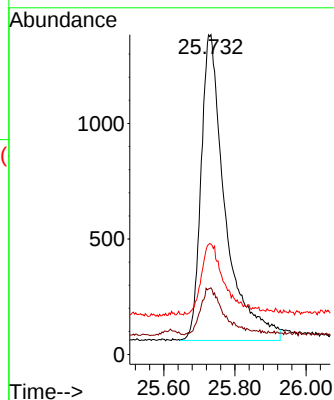
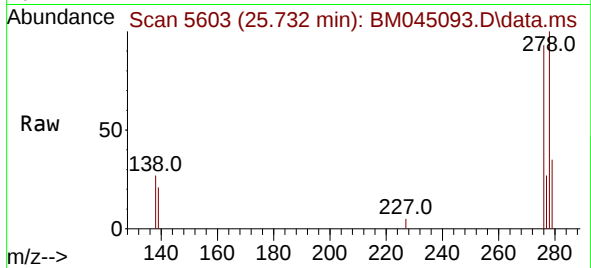




#28
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 25.732 min Scan# 5603
Delta R.T. -0.017 min
Lab File: BM045093.D
Acq: 10 Apr 2024 11:20

Instrument :
BNA_M
ClientSampleId :
EOMCOMS

Tgt Ion:278 Resp: 6235
Ion Ratio Lower Upper
278 100
139 20.9 13.6 20.4#
279 34.5 23.0 34.4#



#29
Benzo(g,h,i)perylene
Concen: 0.443 ng/ul
RT: 26.380 min Scan# 5796
Delta R.T. -0.007 min
Lab File: BM045093.D
Acq: 10 Apr 2024 11:20

Tgt Ion:276 Resp: 7526
Ion Ratio Lower Upper
276 100
138 22.8 16.8 25.2
277 27.2 20.3 30.5

