

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
 Data File : BM045112.D
 Acq On : 10 Apr 2024 23:25
 Operator : MA/JU
 Sample : P1982-08MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YCSQ2MSD

Quant Time: Apr 10 23:56:13 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)

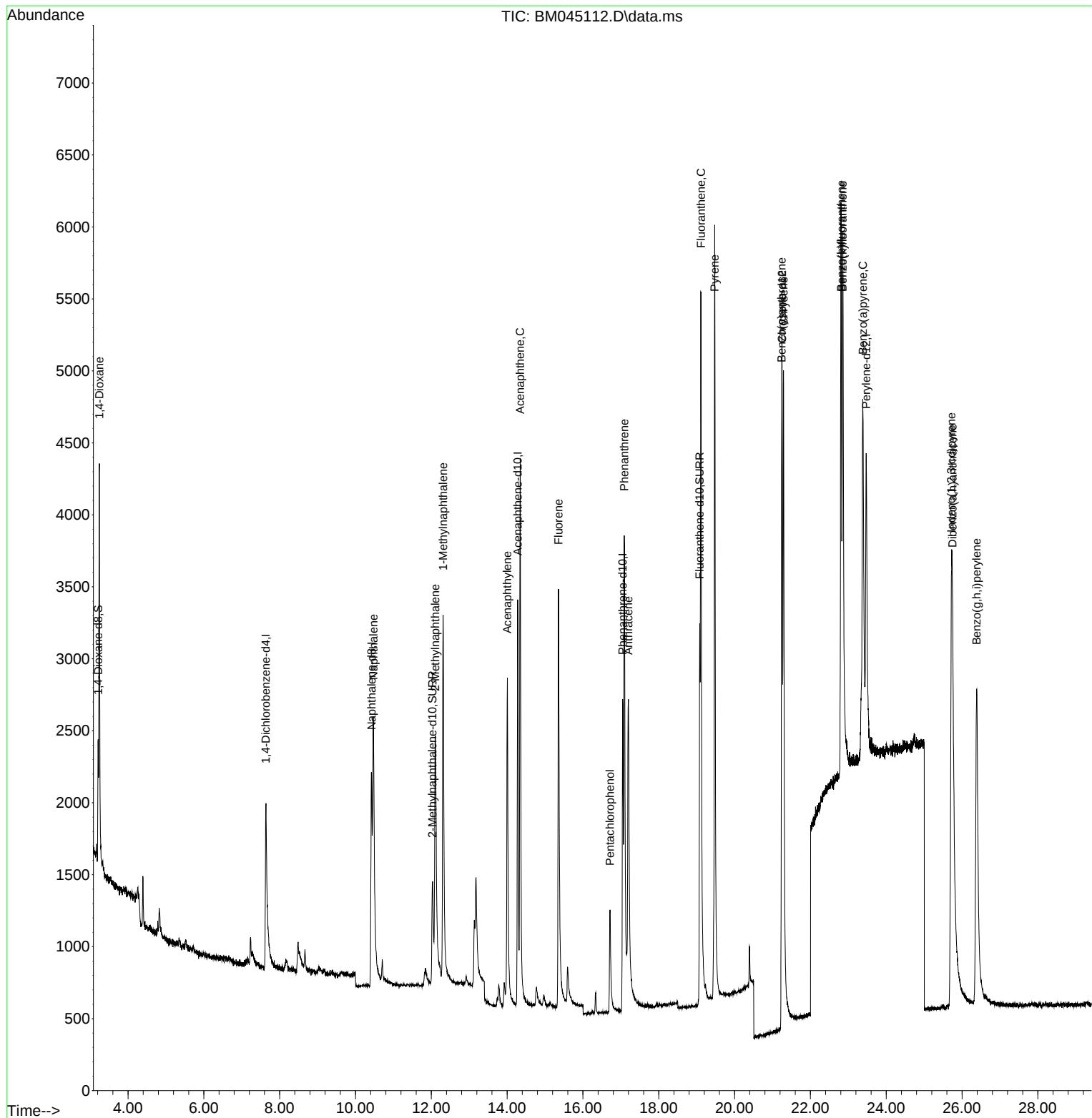
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1255	0.400	ng/ul	0.00
4) Naphthalene-d8	10.424	136	3999	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.279	164	1975	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.047	188	3898	0.400	ng/ul	0.00
17) Chrysene-d12	21.254	240	2846	0.400	ng/ul	# 0.00
23) Perylene-d12	23.473	264	3521	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	648	0.393	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.030	152	1959	0.361	ng/ul	0.00
18) Fluoranthene-d10	19.080	212	3980	0.553	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.243	88	2088	1.321	ng/ul#	88
5) Naphthalene	10.474	128	4189	0.395	ng/ul	97
7) 2-Methylnaphthalene	12.107	142	2431	0.384	ng/ul	98
8) 1-Methylnaphthalene	12.310	142	2551	0.369	ng/ul	100
10) Acenaphthylene	14.006	152	3955	0.401	ng/ul	98
11) Acenaphthene	14.344	153	2912	0.413	ng/ul	100
12) Fluorene	15.357	166	3091	0.391	ng/ul	98
14) Pentachlorophenol	16.714	266	832	0.910	ng/ul	97
15) Phenanthrene	17.090	178	4782	0.436	ng/ul	98
16) Anthracene	17.199	178	4733	0.438	ng/ul	96
19) Fluoranthene	19.113	202	5819	0.572	ng/ul	98
20) Pyrene	19.475	202	6126	0.570	ng/ul	97
21) Benzo(a)anthracene	21.243	228	4291	0.433	ng/ul	98
22) Chrysene	21.290	228	6287	0.508	ng/ul	98
24) Benzo(b)fluoranthene	22.809	252	5706	0.449	ng/ul	95
25) Benzo(k)fluoranthene	22.853	252	7226	0.507	ng/ul#	91
26) Benzo(a)pyrene	23.382	252	5682	0.468	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.719	276	7447	0.447	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.749	278	5783	0.439	ng/ul#	86
29) Benzo(g,h,i)perylene	26.383	276	6777	0.472	ng/ul	94

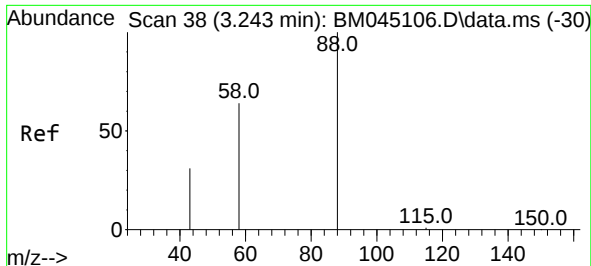
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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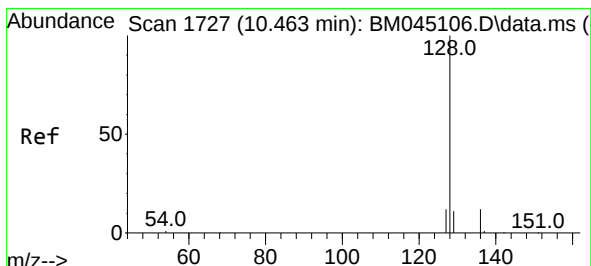
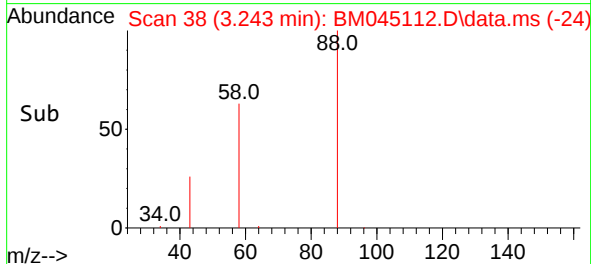
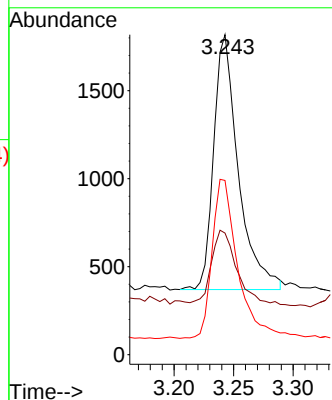
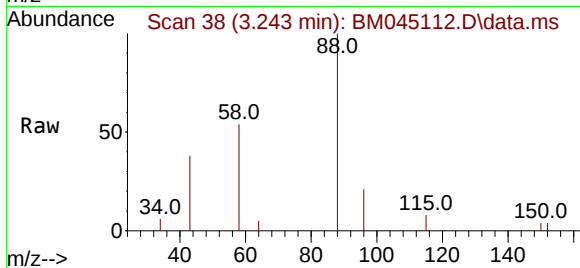




#2
1,4-Dioxane
Concen: 1.321 ng/ul
RT: 3.243 min Scan# 38
Delta R.T. -0.000 min
Lab File: BM045112.D
Acq: 10 Apr 2024 23:25

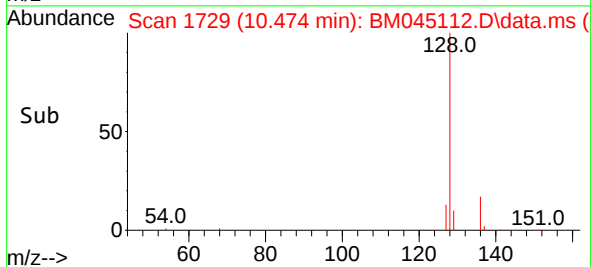
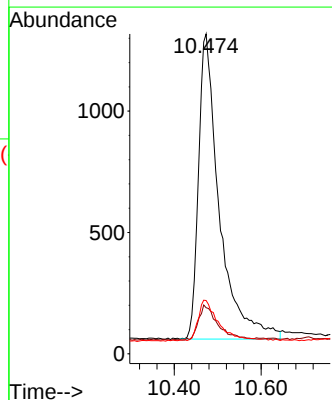
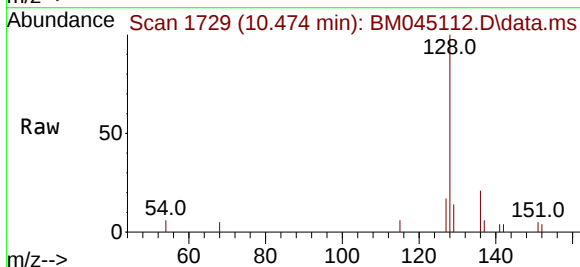
Instrument :
BNA_M
ClientSampleId :
YCSQ2MSD

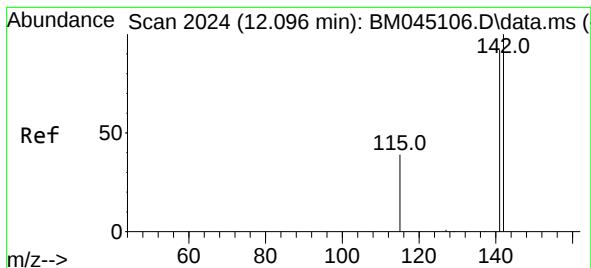
Tgt Ion: 88 Resp: 2088
Ion Ratio Lower Upper
88 100
43 38.0 30.6 46.0
58 54.5 32.6 48.8#



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.474 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BM045112.D
Acq: 10 Apr 2024 23:25

Tgt Ion:128 Resp: 4189
Ion Ratio Lower Upper
128 100
129 14.4 11.3 16.9
127 16.7 11.9 17.9





#7

2-Methylnaphthalene

Concen: 0.384 ng/ul

RT: 12.107 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BM045112.D

Acq: 10 Apr 2024 23:25

Instrument :

BNA_M

ClientSampleId :

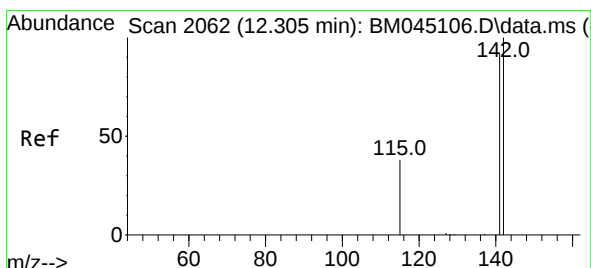
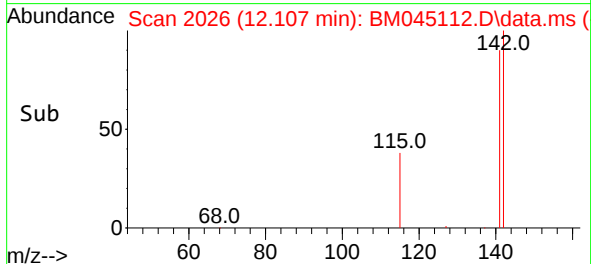
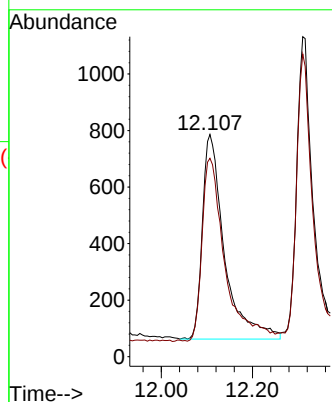
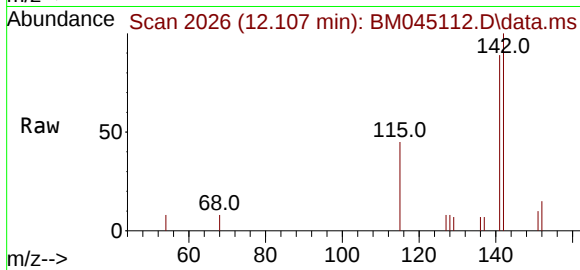
YCSQ2MSD

Tgt Ion:142 Resp: 2431

Ion Ratio Lower Upper

142 100

141 94.5 73.8 110.8



#8

1-Methylnaphthalene

Concen: 0.369 ng/ul

RT: 12.310 min Scan# 2063

Delta R.T. -0.000 min

Lab File: BM045112.D

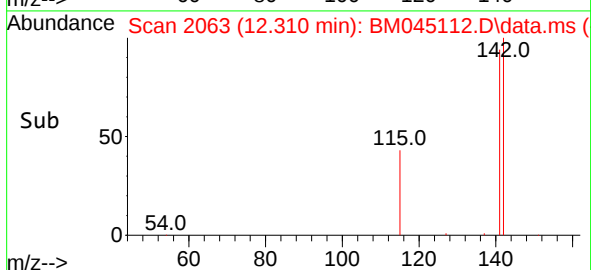
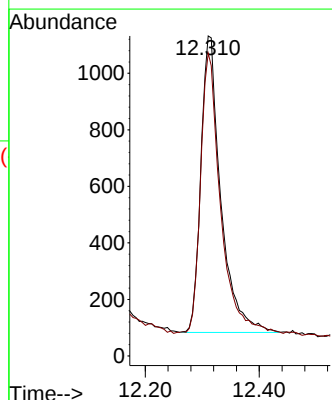
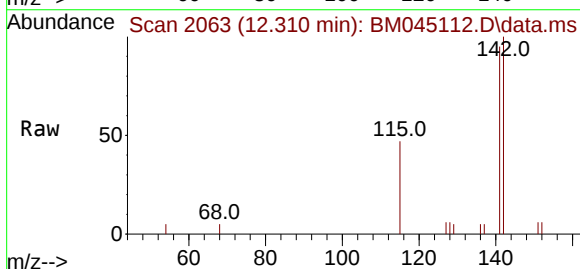
Acq: 10 Apr 2024 23:25

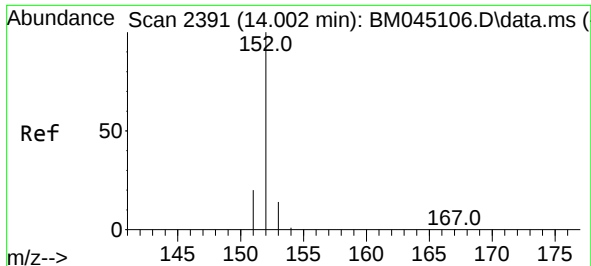
Tgt Ion:142 Resp: 2551

Ion Ratio Lower Upper

142 100

141 93.1 74.2 111.2

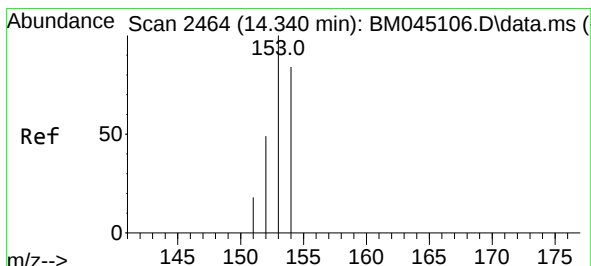
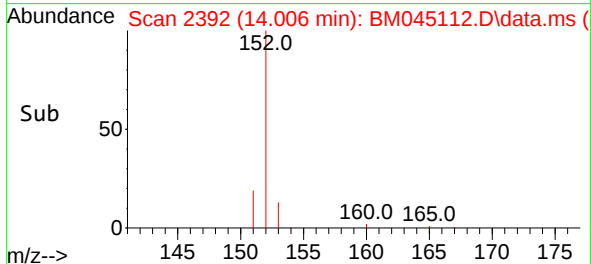
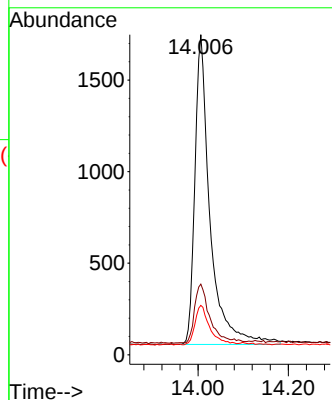
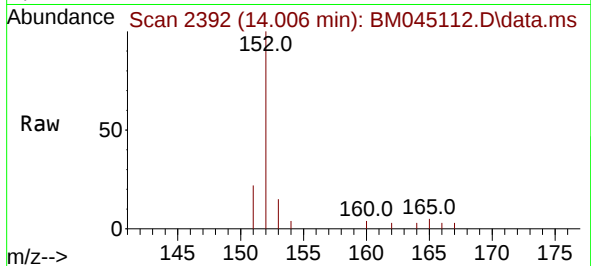




#10
Acenaphthylene
Concen: 0.401 ng/ul
RT: 14.006 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM045112.D
Acq: 10 Apr 2024 23:25

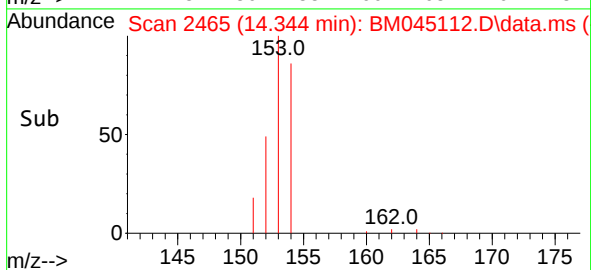
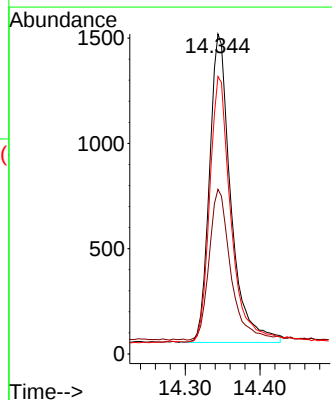
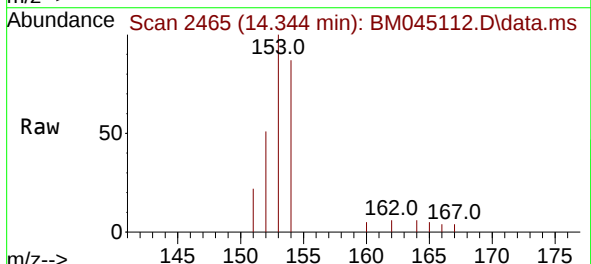
Instrument :
BNA_M
ClientSampleId :
YCSQ2MSD

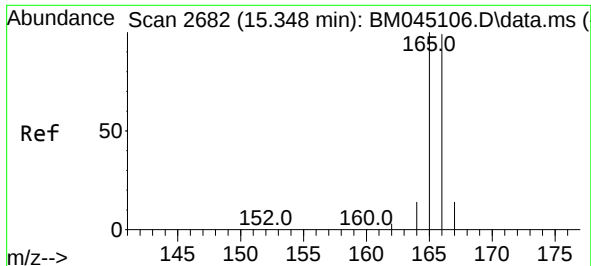
Tgt Ion:	152	Resp:	3955
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.0	25.4
153	15.4	11.9	17.9



#11
Acenaphthene
Concen: 0.413 ng/ul
RT: 14.344 min Scan# 2465
Delta R.T. -0.005 min
Lab File: BM045112.D
Acq: 10 Apr 2024 23:25

Tgt Ion:	153	Resp:	2912
Ion Ratio	Lower	Upper	
153	100		
152	51.4	41.2	61.8
154	86.7	69.4	104.0

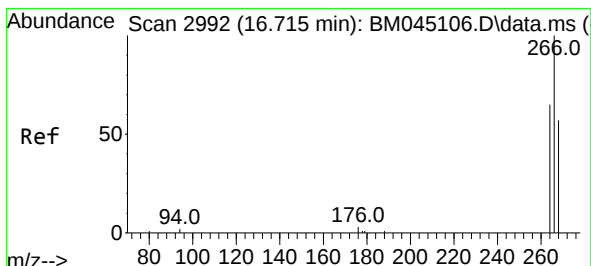
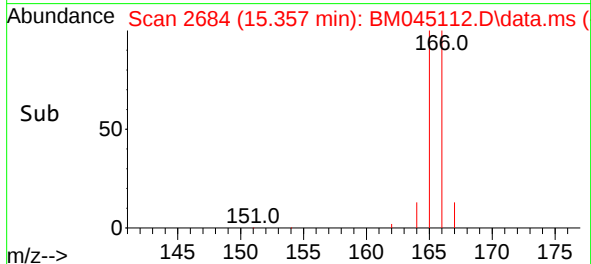
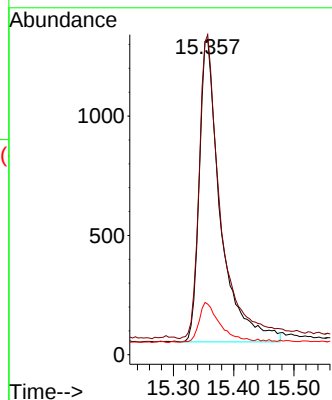
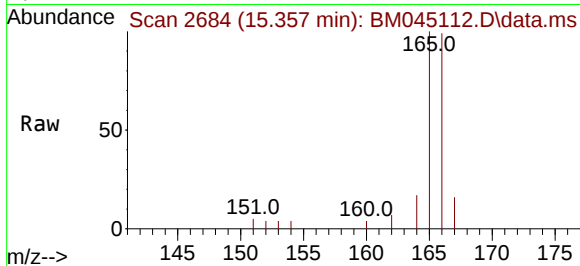




#12
 Fluorene
 Concen: 0.391 ng/ul
 RT: 15.357 min Scan# 2684
 Delta R.T. -0.000 min
 Lab File: BM045112.D
 Acq: 10 Apr 2024 23:25

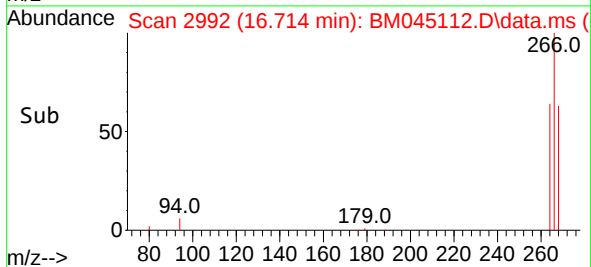
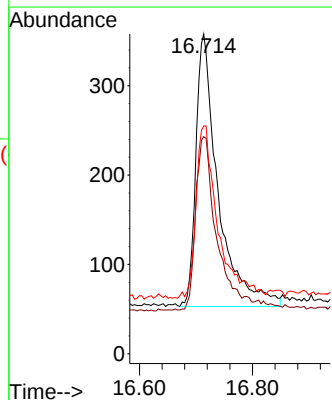
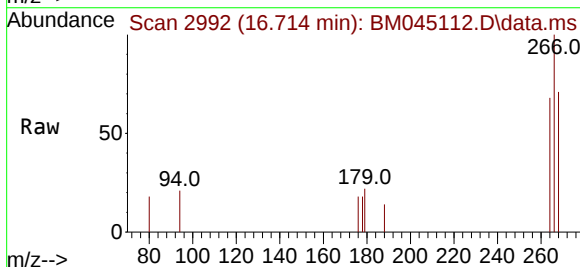
Instrument :
 BNA_M
 ClientSampleId :
 YCSQ2MSD

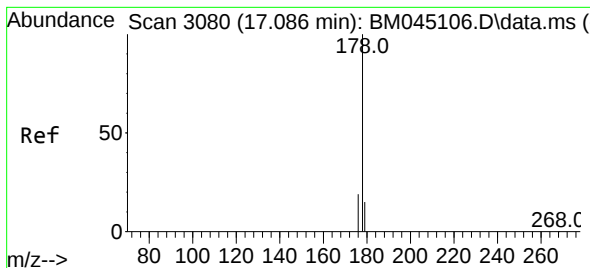
Tgt Ion:166	Resp:	3091
Ion Ratio	Lower	Upper
166	100	
165	101.4	79.9 119.9
167	16.0	12.2 18.2



#14
 Pentachlorophenol
 Concen: 0.910 ng/ul
 RT: 16.714 min Scan# 2992
 Delta R.T. -0.013 min
 Lab File: BM045112.D
 Acq: 10 Apr 2024 23:25

Tgt Ion:266	Resp:	832
Ion Ratio	Lower	Upper
266	100	
264	62.4	48.3 72.5
268	62.6	52.6 79.0





#15

Phenanthrene

Concen: 0.436 ng/ul

RT: 17.090 min Scan# 3080

Delta R.T. -0.004 min

Lab File: BM045112.D

Acq: 10 Apr 2024 23:25

Instrument :

BNA_M

ClientSampleId :

YCSQ2MSD

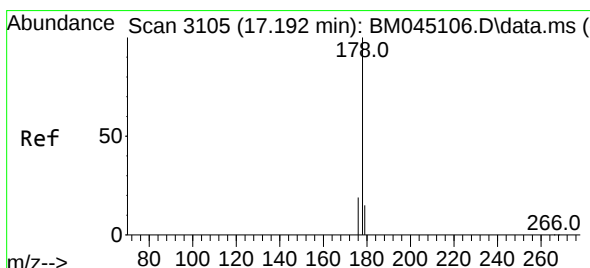
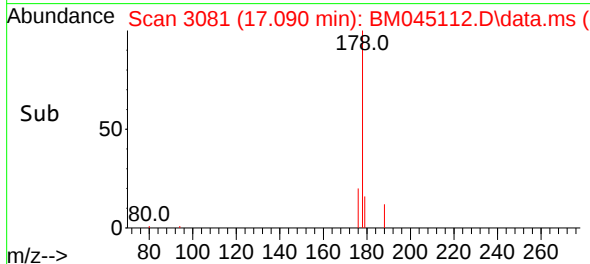
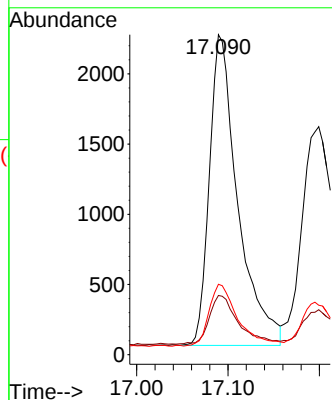
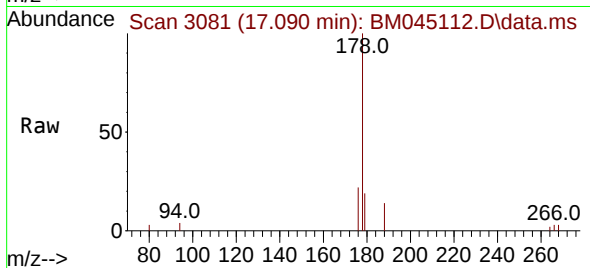
Tgt Ion:178 Resp: 4782

Ion Ratio Lower Upper

178 100

179 18.5 13.7 20.5

176 22.0 17.0 25.4



#16

Anthracene

Concen: 0.438 ng/ul

RT: 17.199 min Scan# 3107

Delta R.T. -0.000 min

Lab File: BM045112.D

Acq: 10 Apr 2024 23:25

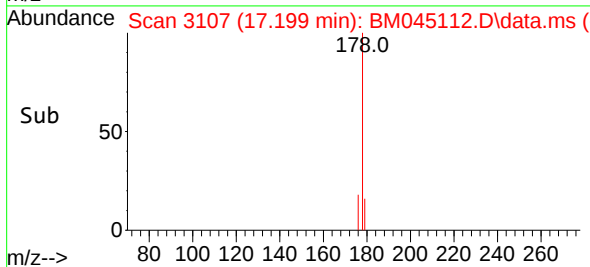
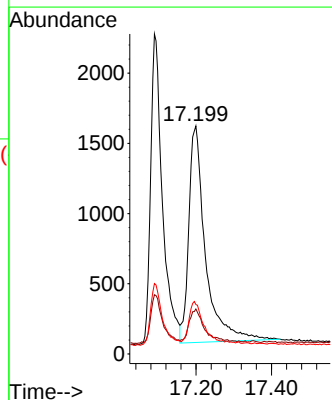
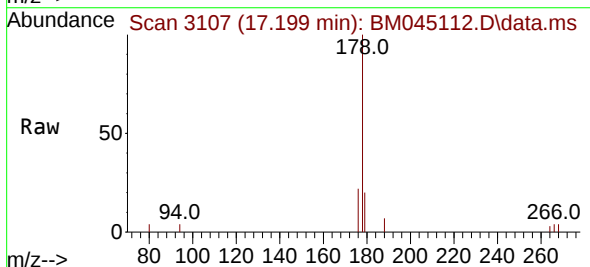
Tgt Ion:178 Resp: 4733

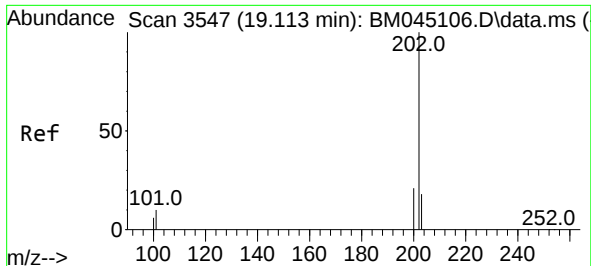
Ion Ratio Lower Upper

178 100

179 19.7 13.8 20.8

176 21.7 16.2 24.4

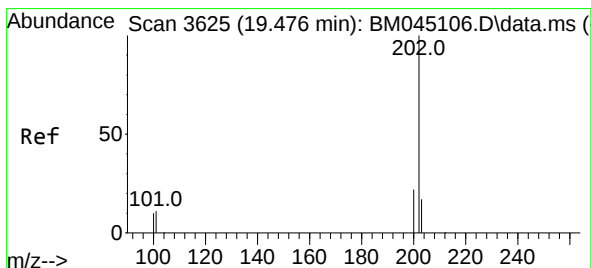
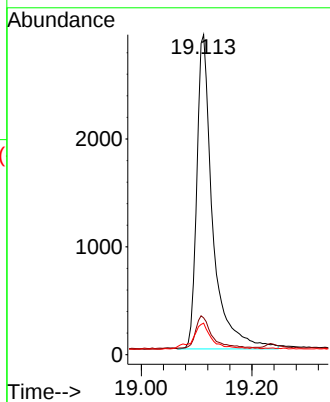
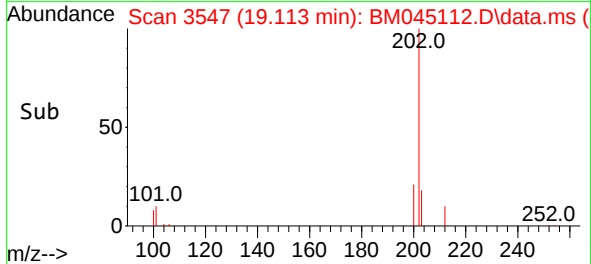
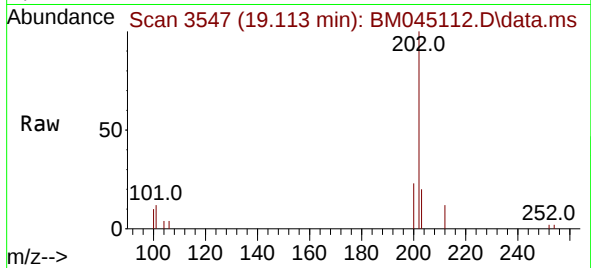




#19
Fluoranthene
Concen: 0.572 ng/ul
RT: 19.113 min Scan# 3547
Delta R.T. -0.005 min
Lab File: BM045112.D
Acq: 10 Apr 2024 23:25

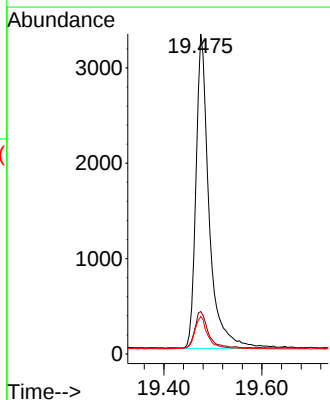
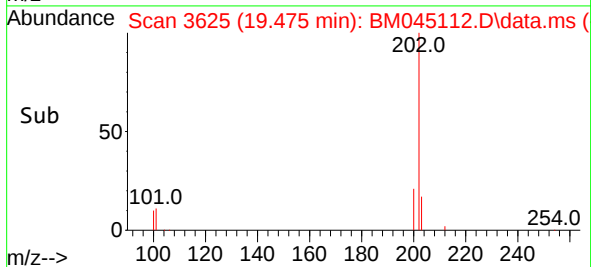
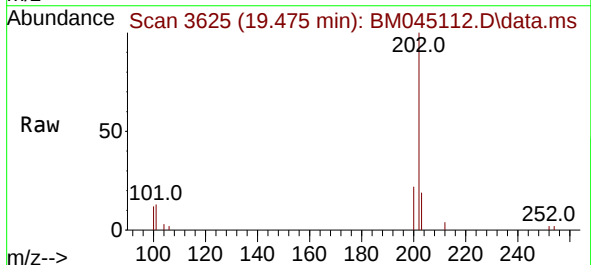
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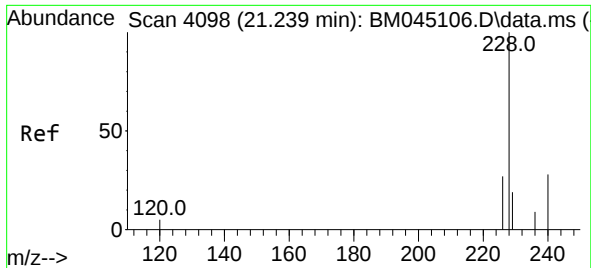
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.8	13.2
100	9.9	7.0	10.4



#20
Pyrene
Concen: 0.570 ng/ul
RT: 19.475 min Scan# 3625
Delta R.T. -0.005 min
Lab File: BM045112.D
Acq: 10 Apr 2024 23:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.8	14.6
100	11.7	8.1	12.1

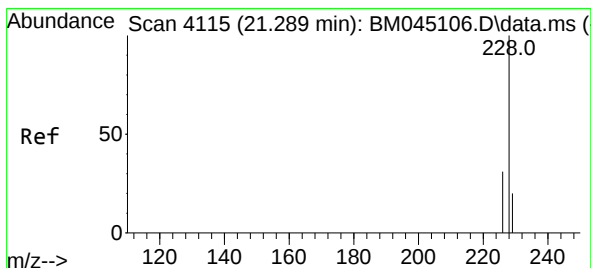
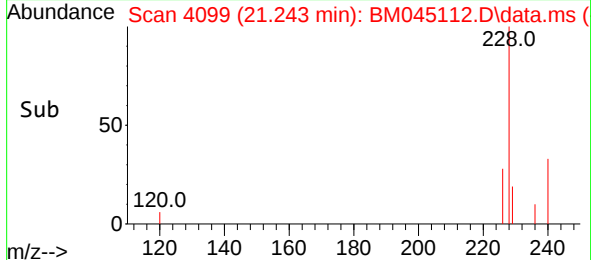
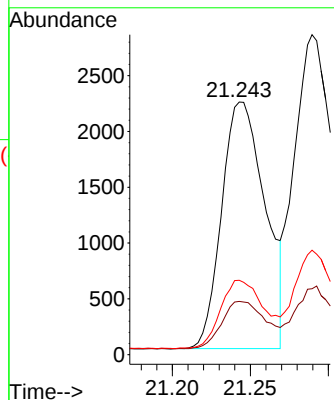
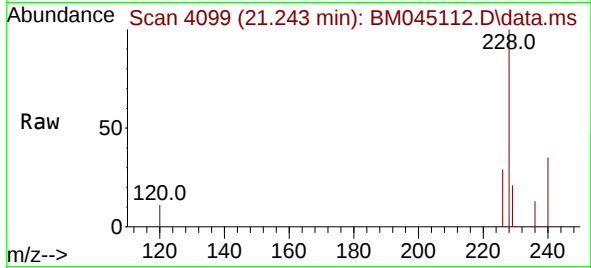




#21
Benzo(a)anthracene
Concen: 0.433 ng/ul
RT: 21.243 min Scan# 4099
Delta R.T. -0.003 min
Lab File: BM045112.D
Acq: 10 Apr 2024 23:25

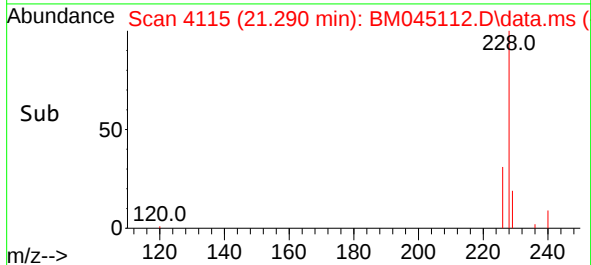
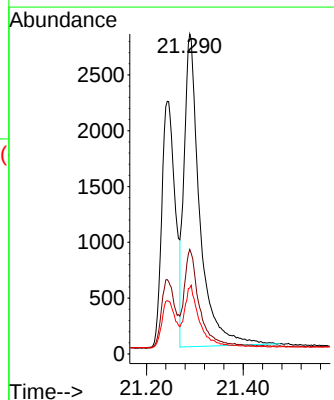
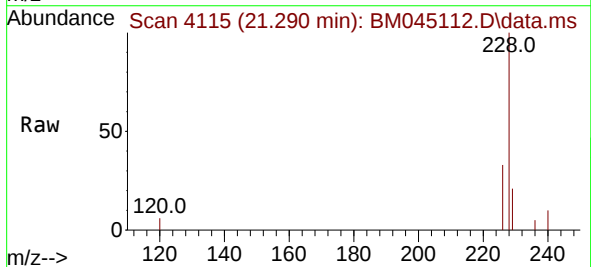
Instrument :
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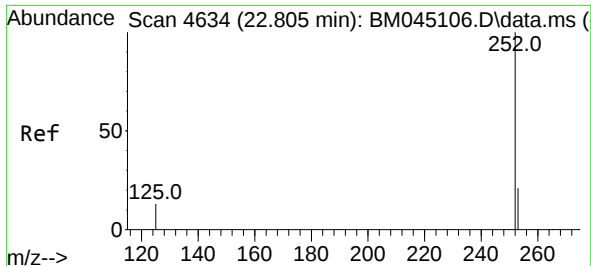
Tgt Ion:228 Resp: 4291
Ion Ratio Lower Upper
228 100
229 21.1 16.4 24.6
226 29.5 22.3 33.5



#22
Chrysene
Concen: 0.508 ng/ul
RT: 21.290 min Scan# 4115
Delta R.T. -0.003 min
Lab File: BM045112.D
Acq: 10 Apr 2024 23:25

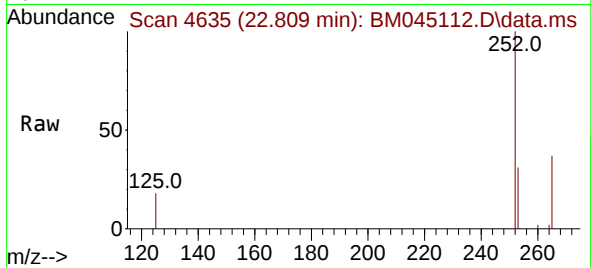
Tgt Ion:228 Resp: 6287
Ion Ratio Lower Upper
228 100
226 32.6 24.9 37.3
229 20.6 15.9 23.9



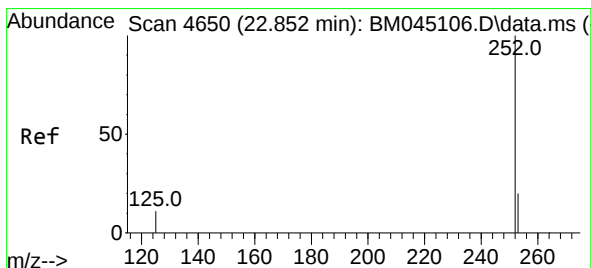
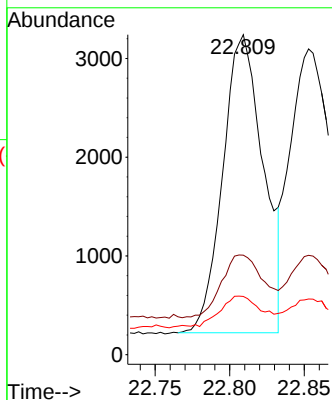


#24
Benzo(b)fluoranthene
Concen: 0.449 ng/ul
RT: 22.809 min Scan# 4635
Delta R.T. -0.000 min
Lab File: BM045112.D
Acq: 10 Apr 2024 23:25

Instrument :
BNA_M
ClientSampleId :
YCSQ2MSD

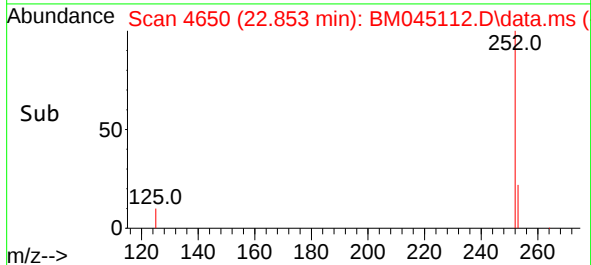
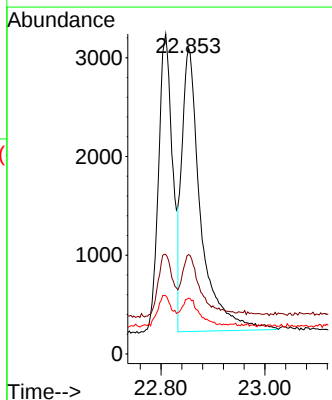
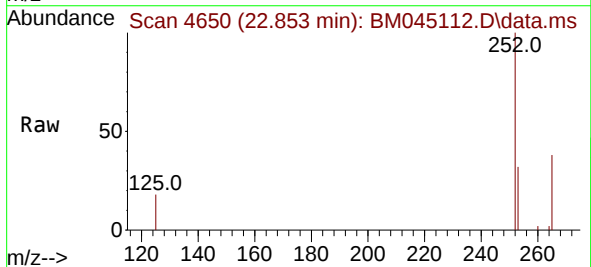


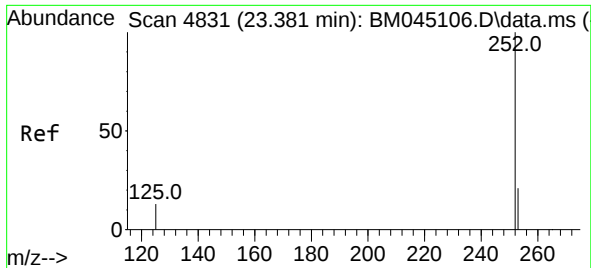
Tgt Ion:252 Resp: 5706
Ion Ratio Lower Upper
252 100
253 31.1 0.0 56.4
125 18.2 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.507 ng/ul
RT: 22.853 min Scan# 4650
Delta R.T. -0.003 min
Lab File: BM045112.D
Acq: 10 Apr 2024 23:25

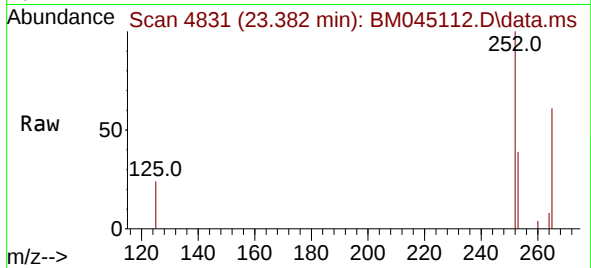
Tgt Ion:252 Resp: 7226
Ion Ratio Lower Upper
252 100
253 32.5 22.3 33.5
125 18.2 11.6 17.4#



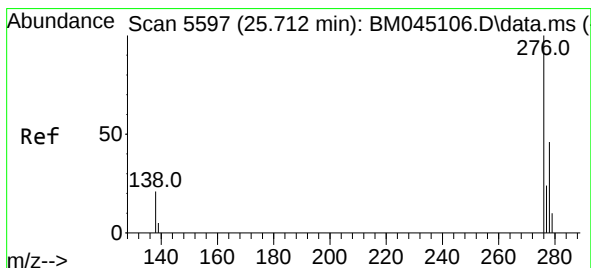
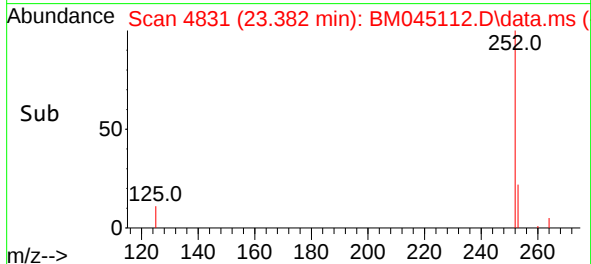
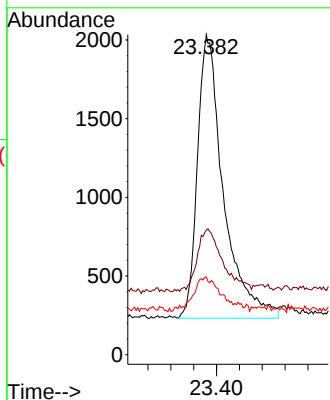


#26
Benzo(a)pyrene
Concen: 0.468 ng/ul
RT: 23.382 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BM045112.D
Acq: 10 Apr 2024 23:25

Instrument :
BNA_M
ClientSampleId :
YCSQ2MSD

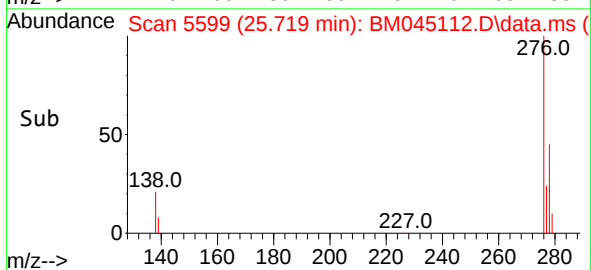
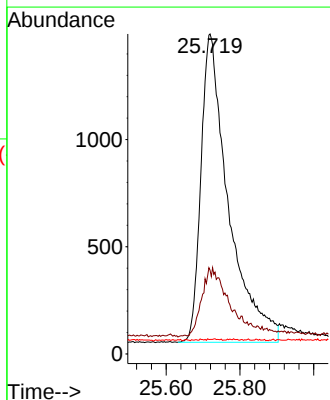
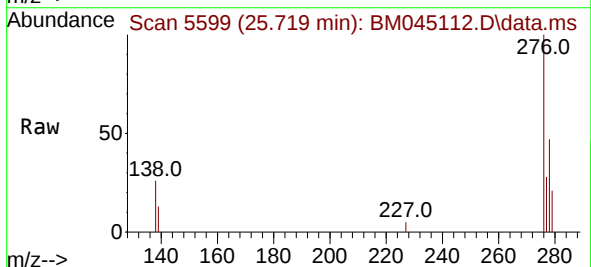


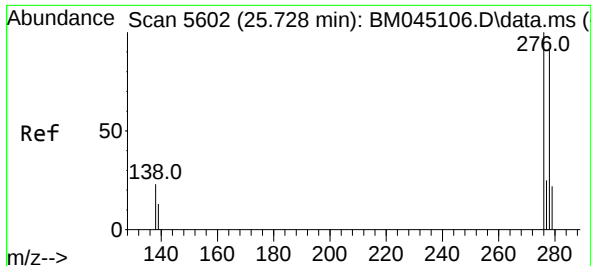
Tgt Ion:252 Resp: 5682
Ion Ratio Lower Upper
252 100
253 39.0 24.6 37.0#
125 24.3 18.2 27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng/ul
RT: 25.719 min Scan# 5599
Delta R.T. -0.000 min
Lab File: BM045112.D
Acq: 10 Apr 2024 23:25

Tgt Ion:276 Resp: 7447
Ion Ratio Lower Upper
276 100
138 22.8 0.0 0.0#
227 0.1 0.1 0.1

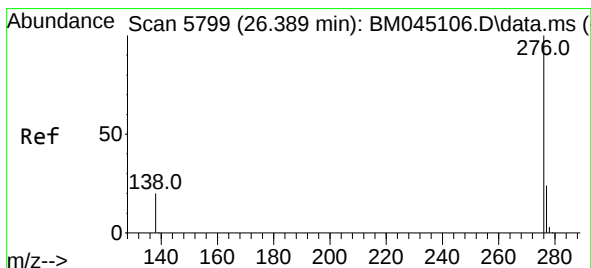
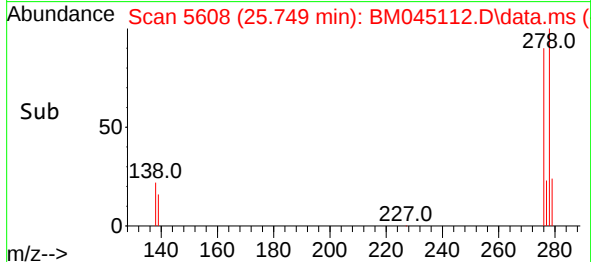
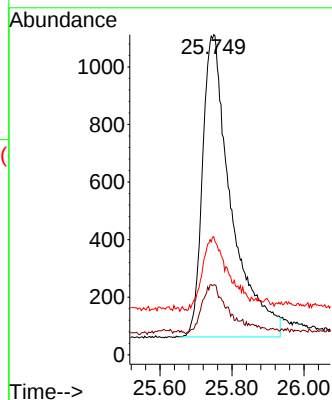
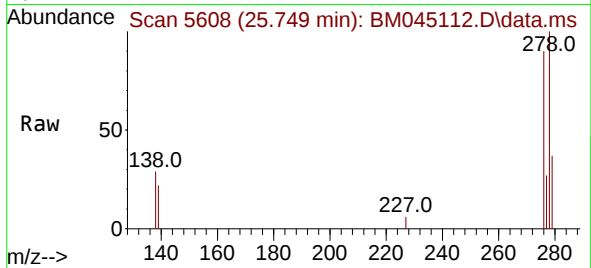




#28
Dibenzo(a,h)anthracene
Concen: 0.439 ng/ul
RT: 25.749 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM045112.D
Acq: 10 Apr 2024 23:25

Instrument :
BNA_M
ClientSampleId :
YCSQ2MSD

Tgt Ion:278 Resp: 5783
Ion Ratio Lower Upper
278 100
139 21.9 13.6 20.4#
279 36.9 23.0 34.4#



#29
Benzo(g,h,i)perylene
Concen: 0.472 ng/ul
RT: 26.383 min Scan# 5797
Delta R.T. -0.003 min
Lab File: BM045112.D
Acq: 10 Apr 2024 23:25

Tgt Ion:276 Resp: 6777
Ion Ratio Lower Upper
276 100
138 24.1 16.8 25.2
277 27.7 20.3 30.5

