

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048159.D
 Acq On : 21 Oct 2024 17:37
 Operator : RC/JU
 Sample : P4380-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H4MSD

Quant Time: Oct 21 18:07:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 19 00:48:23 2024
 Response via : Initial Calibration

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

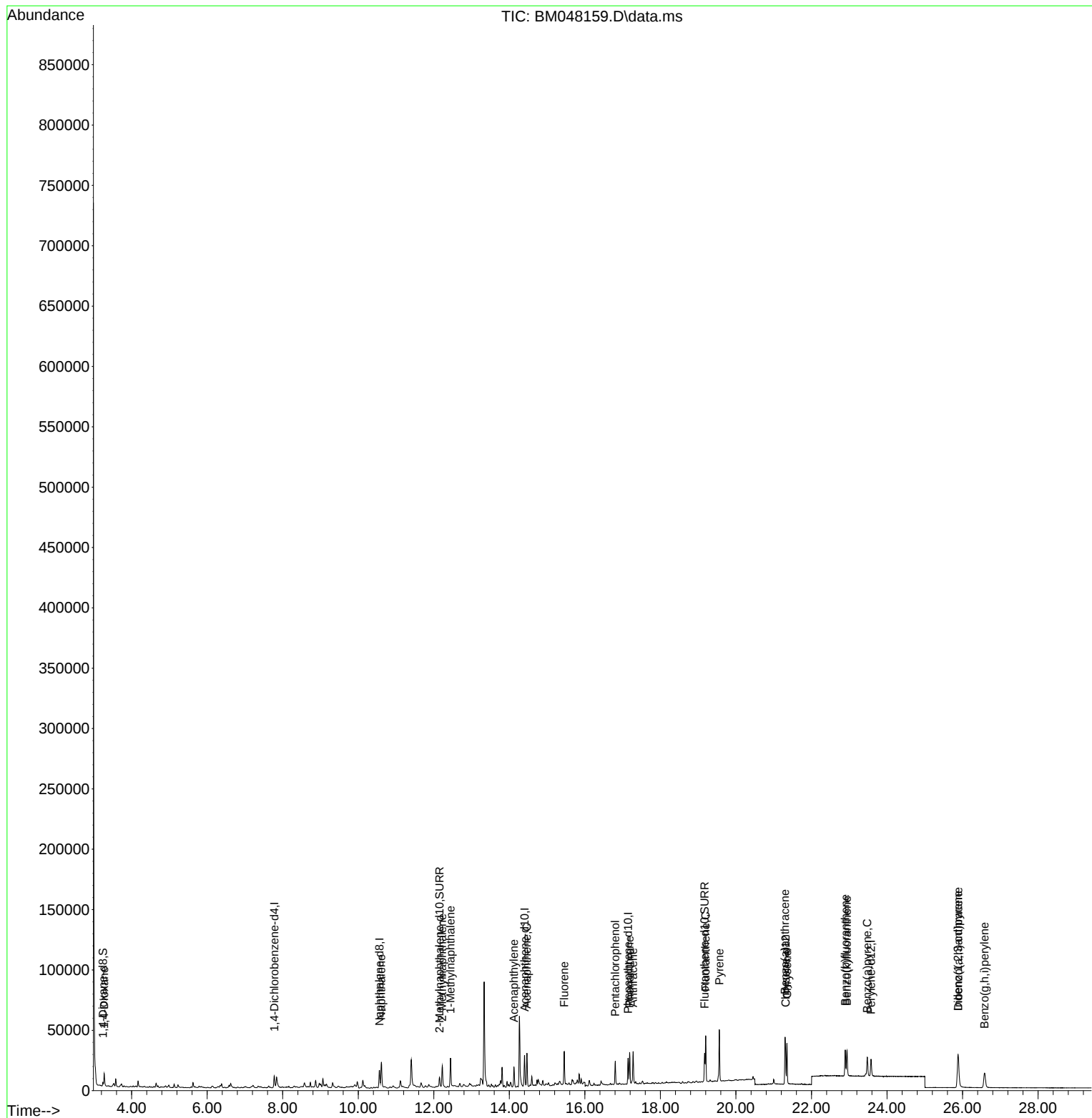
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	6732	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.563	136	21417	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.405	164	17149	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.146	188	25571	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.315	240	19470	0.400	ng/ul	-0.02
23) Perylene-d12	23.577	264	19662	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	2072	0.226	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.152	152	11465	0.384	ng/ul	-0.05
18) Fluoranthene-d10	19.169	212	25161	0.444	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.273	88	6966	0.648	ng/ul#	75
5) Naphthalene	10.607	128	24431	0.420	ng/ul	98
7) 2-Methylnaphthalene	12.223	142	14137	0.425	ng/ul	98
8) 1-Methylnaphthalene	12.443	142	17915	0.467	ng/ul	96
10) Acenaphthylene	14.123	152	18747	0.237	ng/ul	97
11) Acenaphthene	14.465	153	15954	0.282	ng/ul	99
12) Fluorene	15.455	166	18306	0.302	ng/ul#	98
14) Pentachlorophenol	16.804	266	12886	1.501	ng/ul	100
15) Phenanthrene	17.184	178	29283	0.453	ng/ul	95
16) Anthracene	17.276	178	29350	0.480	ng/ul	96
19) Fluoranthene	19.197	202	34001	0.445	ng/ul	98
20) Pyrene	19.560	202	35505	0.432	ng/ul	99
21) Benzo(a)anthracene	21.298	228	30284	0.505	ng/ul	97
22) Chrysene	21.350	228	29812	0.326	ng/ul	95
24) Benzo(b)fluoranthene	22.893	252	28773	0.382	ng/ul	97
25) Benzo(k)fluoranthene	22.940	252	29764	0.326	ng/ul	98
26) Benzo(a)pyrene	23.475	252	24659	0.393	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.879	276	35195	0.374	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.886	278	26946	0.375	ng/ul	94
29) Benzo(g,h,i)perylene	26.584	276	28158	0.358	ng/ul	99

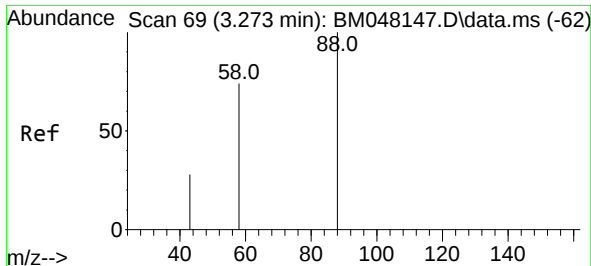
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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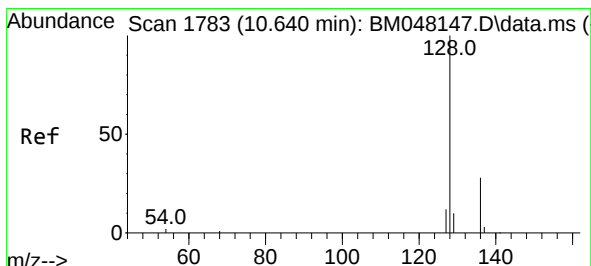
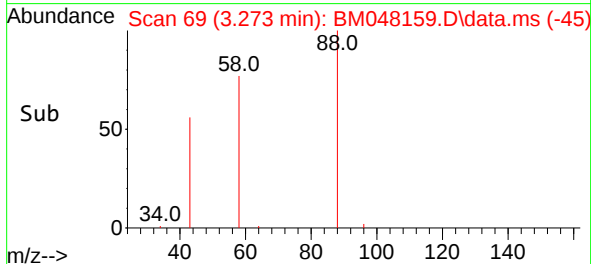
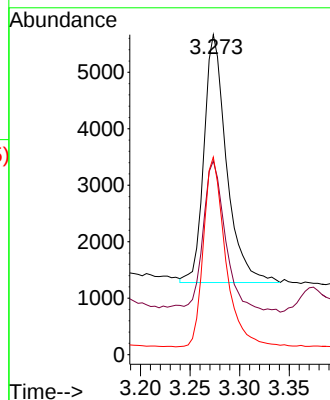
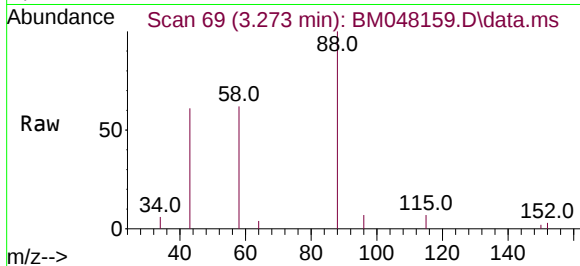




#2
1,4-Dioxane
Concen: 0.648 ng/ul
RT: 3.273 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

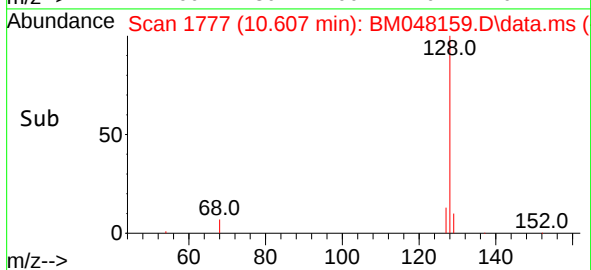
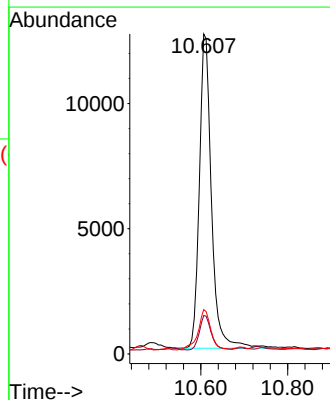
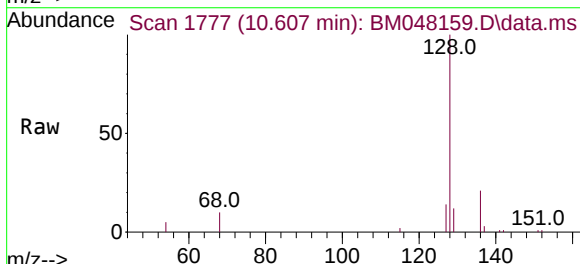
Instrument :
BNA_M
ClientSampleId :
E27H4MSD

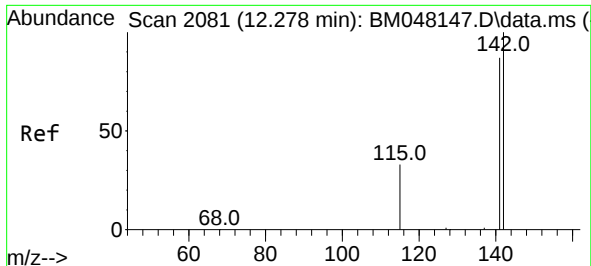
Tgt Ion: 88 Resp: 6966
Ion Ratio Lower Upper
88 100
43 60.6 27.7 41.5#
58 61.8 42.5 63.7



#5
Naphthalene
Concen: 0.420 ng/ul
RT: 10.607 min Scan# 1777
Delta R.T. -0.032 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

Tgt Ion: 128 Resp: 24431
Ion Ratio Lower Upper
128 100
129 12.0 10.6 15.8
127 13.9 11.3 16.9

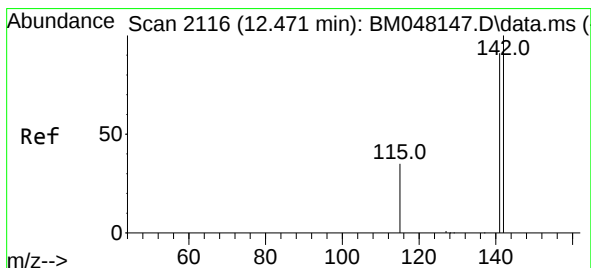
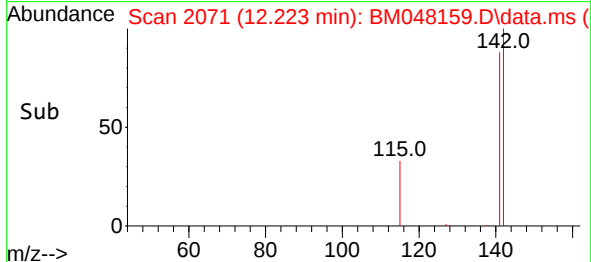
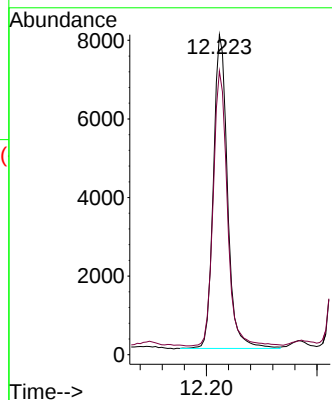
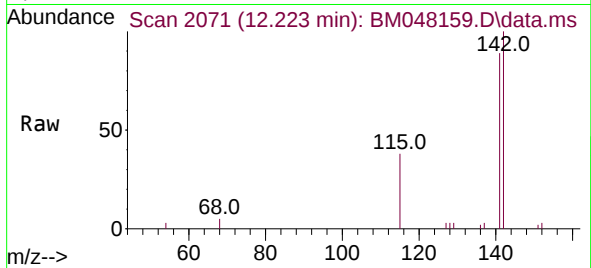




#7
2-Methylnaphthalene
Concen: 0.425 ng/ul
RT: 12.223 min Scan# 2081
Delta R.T. -0.048 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

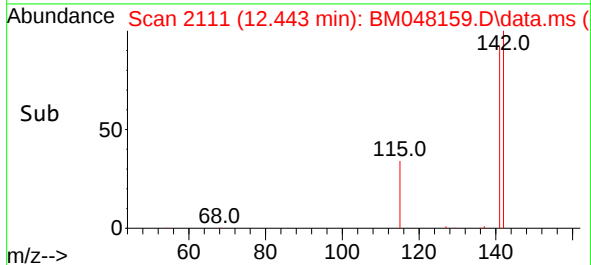
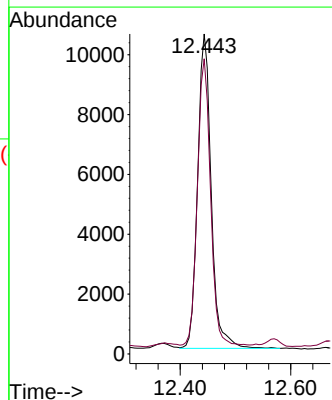
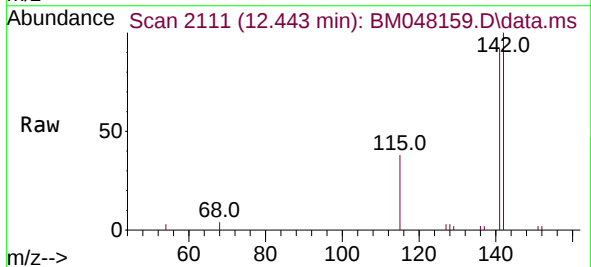
Instrument :
BNA_M
ClientSampleId :
E27H4MSD

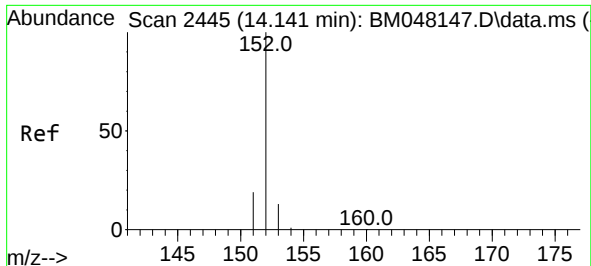
Tgt Ion:142 Resp: 14137
Ion Ratio Lower Upper
142 100
141 88.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.467 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.026 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

Tgt Ion:142 Resp: 17915
Ion Ratio Lower Upper
142 100
141 87.9 73.8 110.6

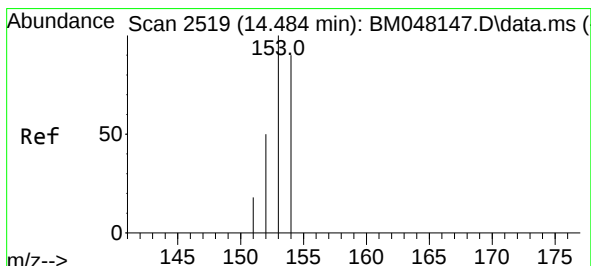
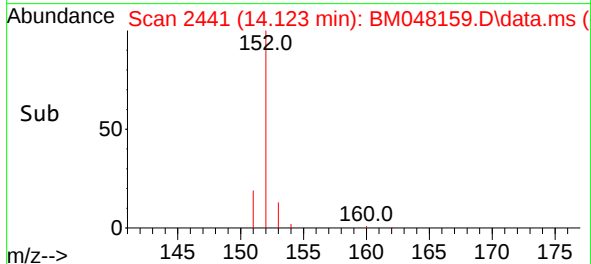
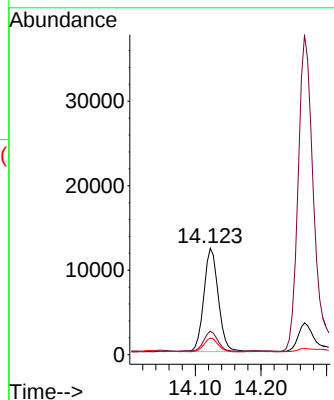
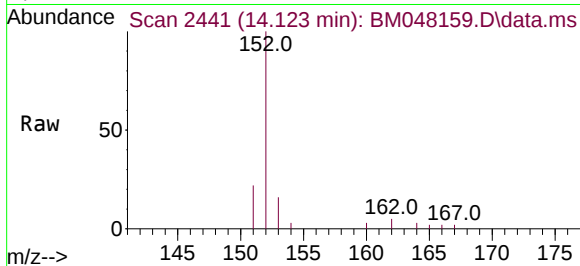




#10
Acenaphthylene
Concen: 0.237 ng/ul
RT: 14.123 min Scan# 2445
Delta R.T. -0.022 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

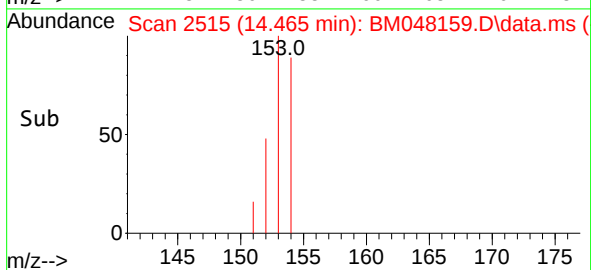
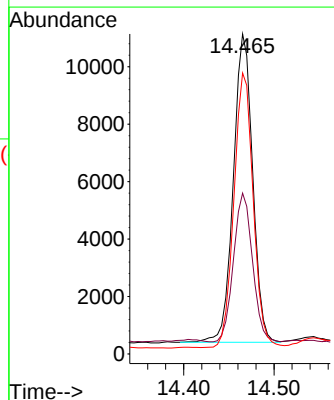
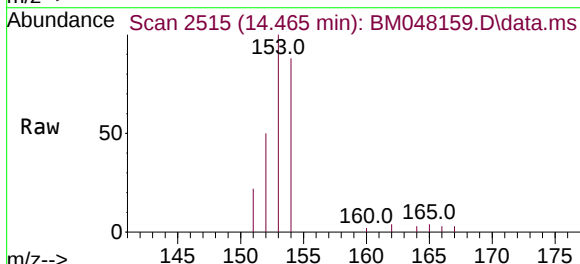
Instrument :
BNA_M
ClientSampleId :
E27H4MSD

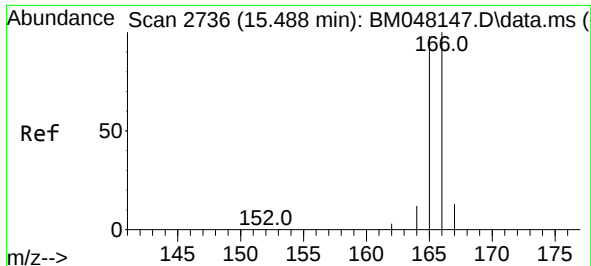
Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.2	24.4
153	15.7	11.7	17.5



#11
Acenaphthene
Concen: 0.282 ng/ul
RT: 14.465 min Scan# 2515
Delta R.T. -0.017 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.3	40.9	61.3
154	87.8	71.0	106.4

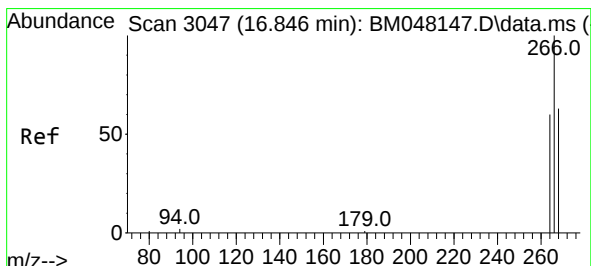
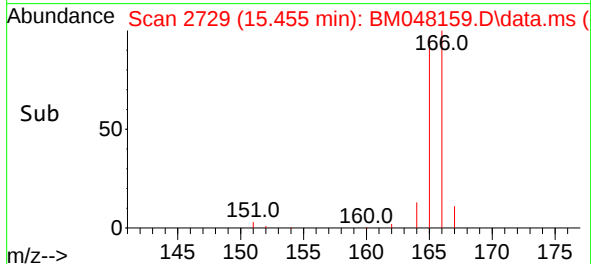
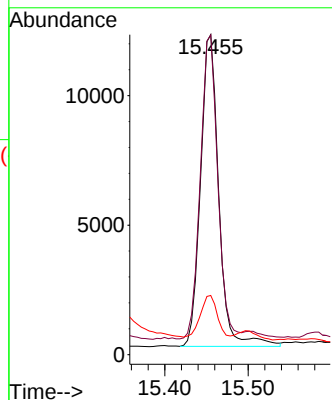
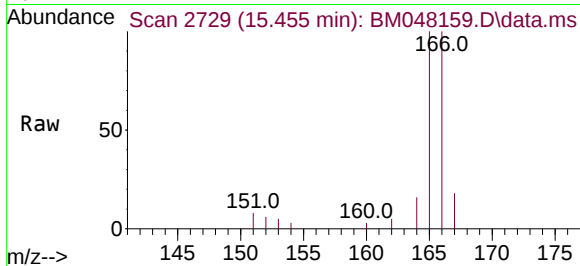




#12
Fluorene
Concen: 0.302 ng/ul
RT: 15.455 min Scan# 21
Delta R.T. -0.027 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

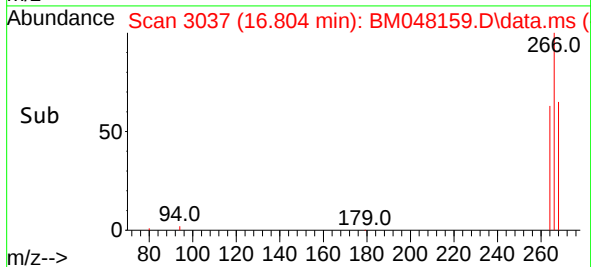
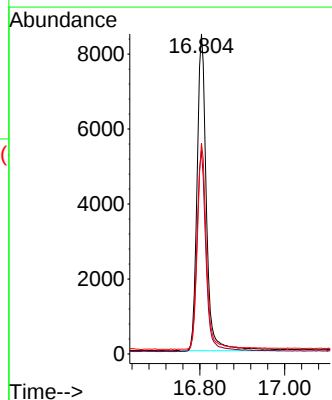
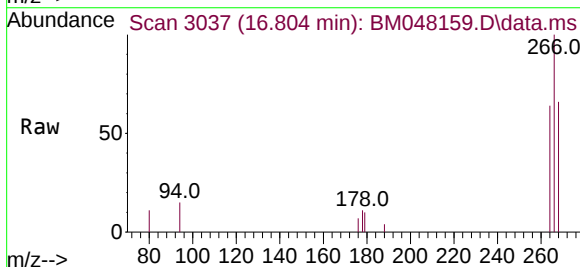
Instrument :
BNA_M
ClientSampleId :
E27H4MSD

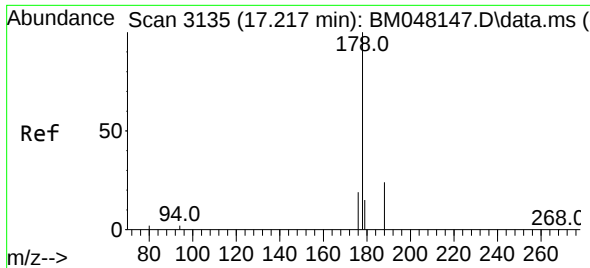
Tgt Ion:166 Resp: 18306
Ion Ratio Lower Upper
166 100
165 99.9 79.1 118.7
167 18.5 12.0 18.0#



#14
Pentachlorophenol
Concen: 1.501 ng/ul
RT: 16.804 min Scan# 3037
Delta R.T. -0.037 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

Tgt Ion:266 Resp: 12886
Ion Ratio Lower Upper
266 100
264 63.0 50.2 75.2
268 64.7 51.8 77.6

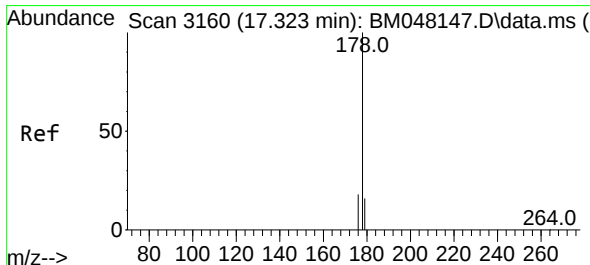
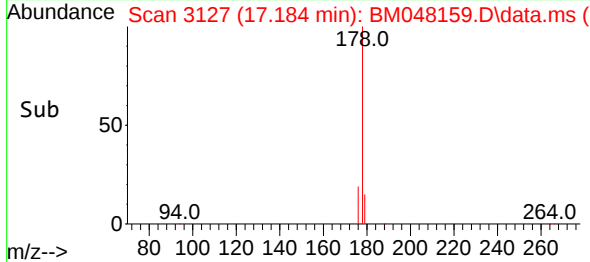
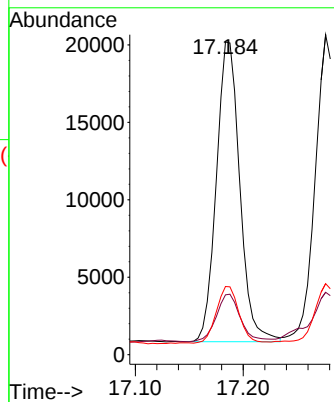
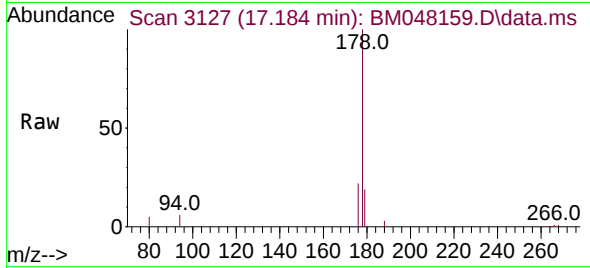




#15
Phenanthrene
Concen: 0.453 ng/u1
RT: 17.184 min Scan# 3135
Delta R.T. -0.033 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

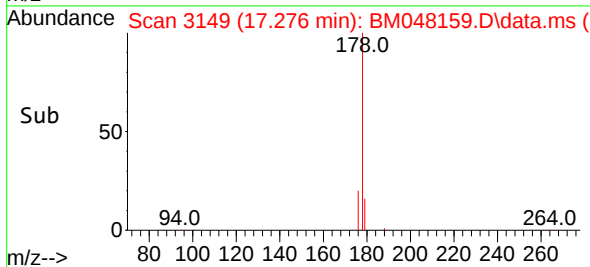
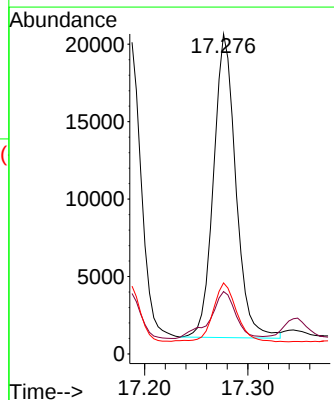
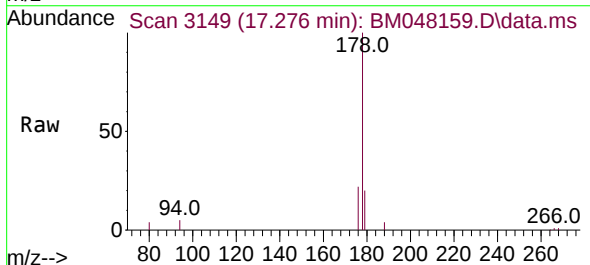
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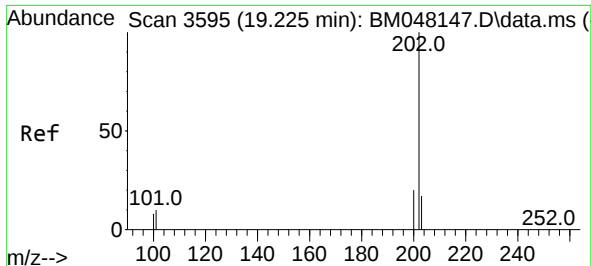
Tgt Ion:178 Resp: 29283
Ion Ratio Lower Upper
178 100
179 19.1 13.2 19.8
176 21.8 16.0 24.0



#16
Anthracene
Concen: 0.480 ng/u1
RT: 17.276 min Scan# 3149
Delta R.T. -0.045 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

Tgt Ion:178 Resp: 29350
Ion Ratio Lower Upper
178 100
179 19.5 14.5 21.7
176 22.2 16.0 24.0

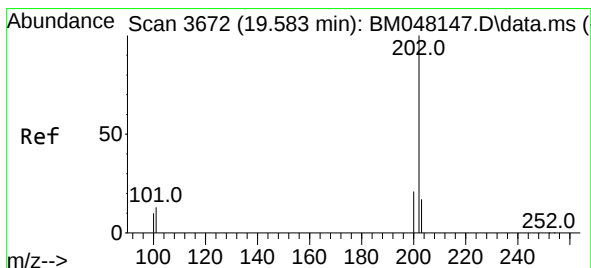
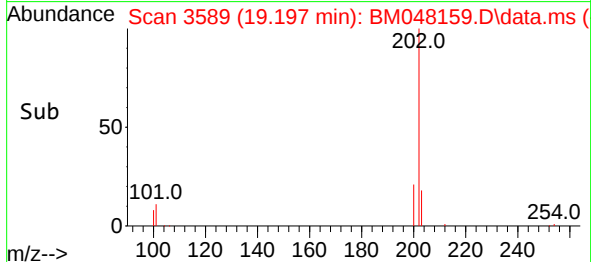
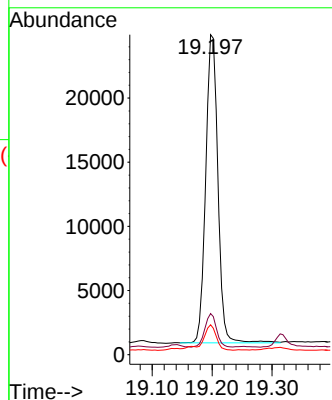
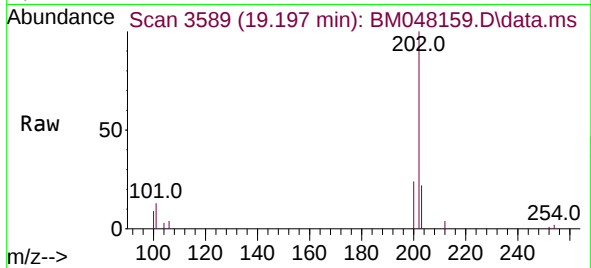




#19
Fluoranthene
Concen: 0.445 ng/u1
RT: 19.197 min Scan# 3589
Delta R.T. -0.022 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

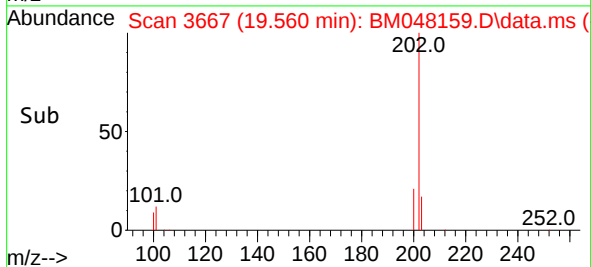
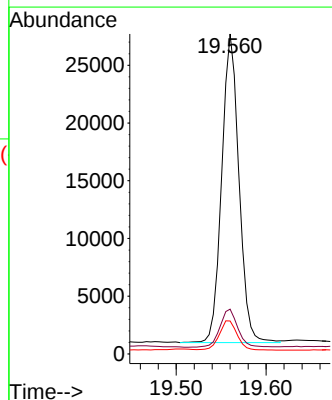
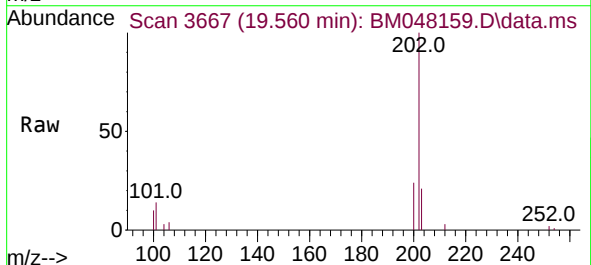
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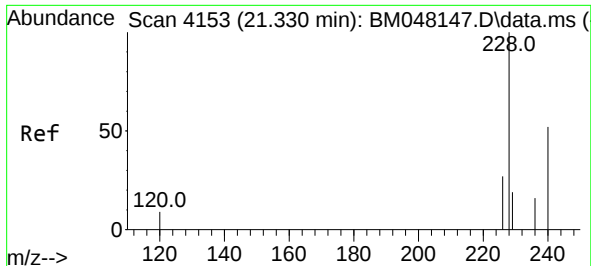
Tgt Ion:202 Resp: 34001
Ion Ratio Lower Upper
202 100
101 12.8 9.3 13.9
100 9.3 7.1 10.7



#20
Pyrene
Concen: 0.432 ng/u1
RT: 19.560 min Scan# 3667
Delta R.T. -0.022 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

Tgt Ion:202 Resp: 35505
Ion Ratio Lower Upper
202 100
101 14.0 10.6 16.0
100 10.3 8.1 12.1

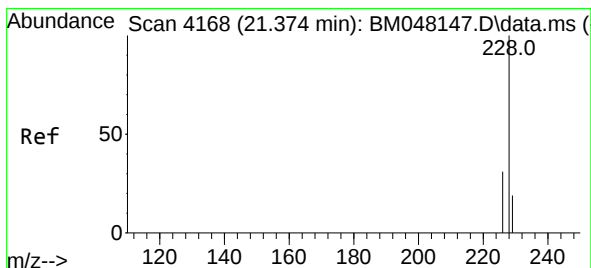
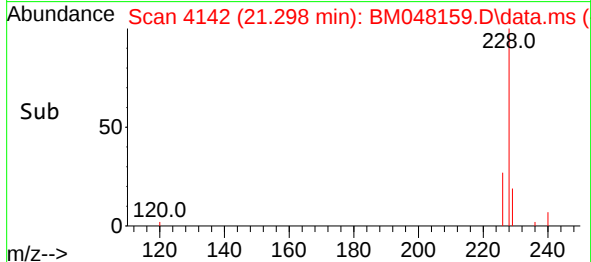
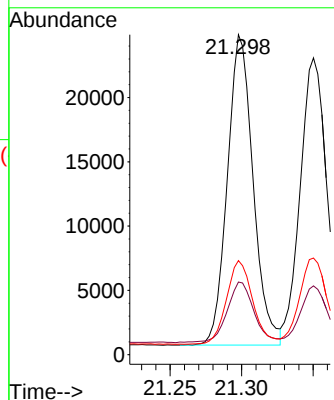
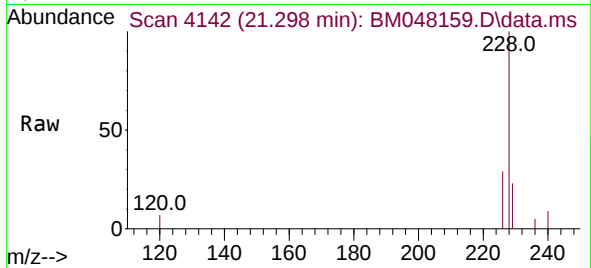




#21
Benzo(a)anthracene
Concen: 0.505 ng/ul
RT: 21.298 min Scan# 4153
Delta R.T. -0.024 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

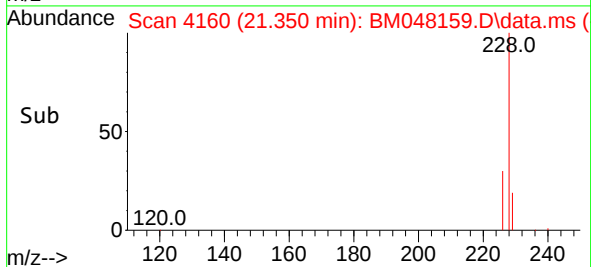
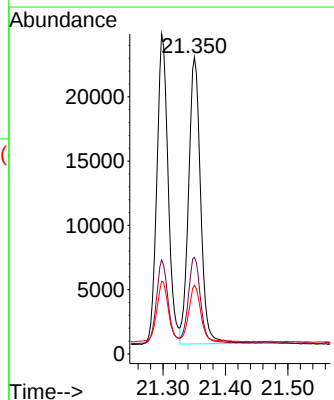
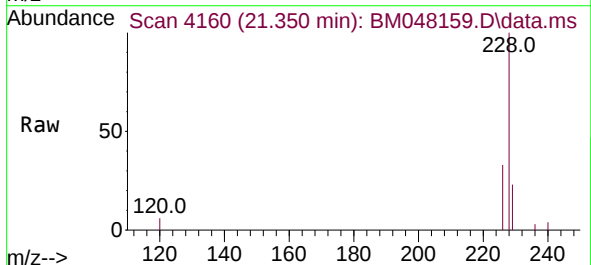
Instrument :
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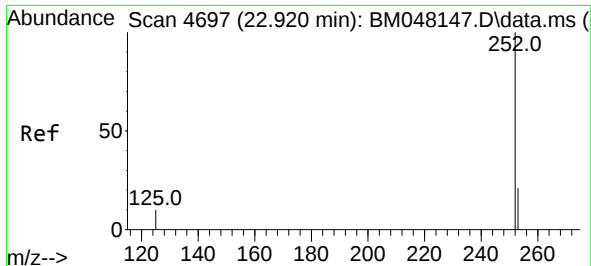
Tgt Ion:228 Resp: 30284
Ion Ratio Lower Upper
228 100
229 22.7 16.4 24.6
226 29.4 22.5 33.7



#22
Chrysene
Concen: 0.326 ng/ul
RT: 21.350 min Scan# 4160
Delta R.T. -0.021 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

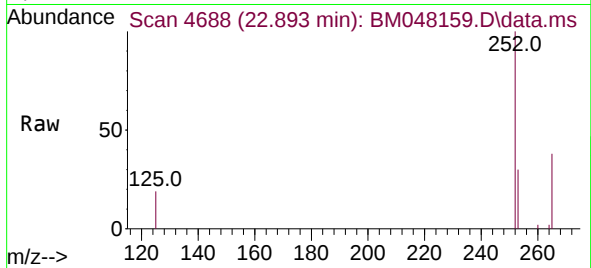
Tgt Ion:228 Resp: 29812
Ion Ratio Lower Upper
228 100
226 32.6 24.0 36.0
229 23.2 16.1 24.1



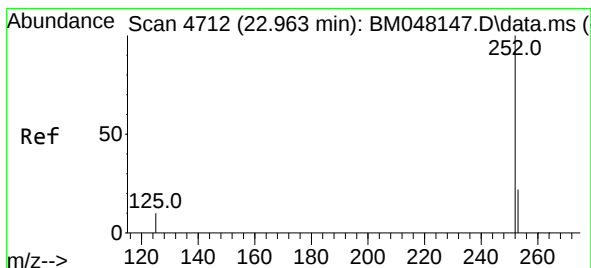
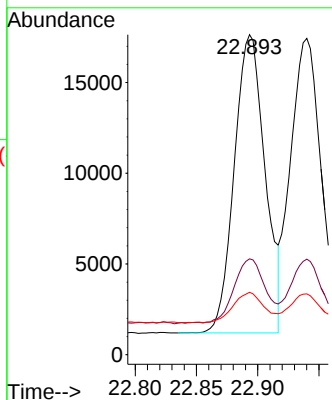


#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 22.893 min Scan# 4704
Delta R.T. -0.024 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

Instrument :
BNA_M
ClientSampleId :
E27H4MSD

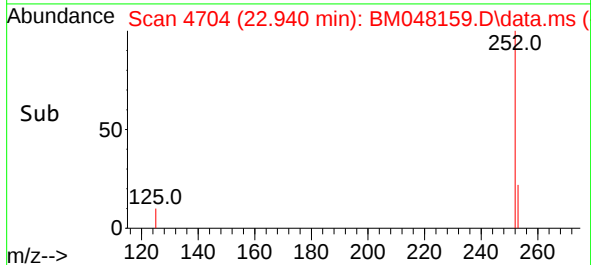
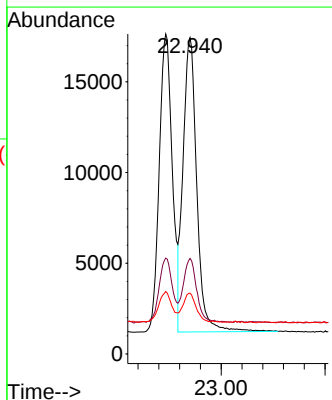
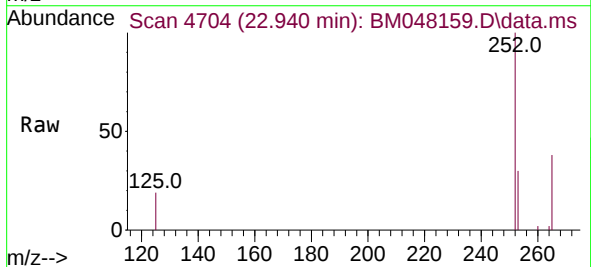


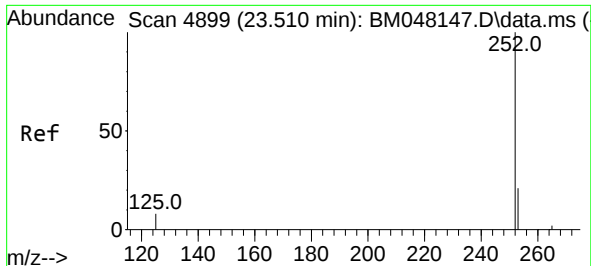
Tgt Ion:252 Resp: 28773
Ion Ratio Lower Upper
252 100
253 30.0 0.0 61.6
125 19.5 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 22.940 min Scan# 4704
Delta R.T. -0.021 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

Tgt Ion:252 Resp: 29764
Ion Ratio Lower Upper
252 100
253 30.2 24.4 36.6
125 19.2 16.8 25.2

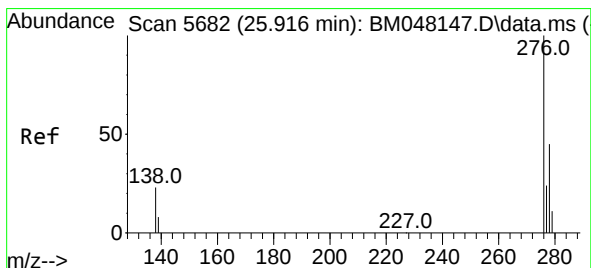
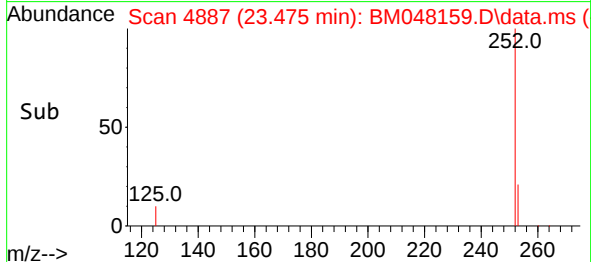
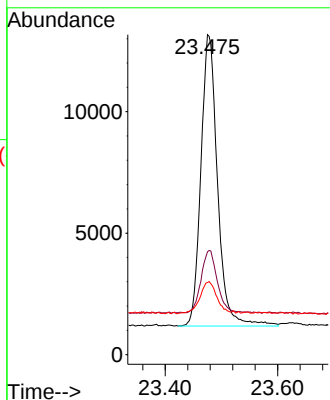
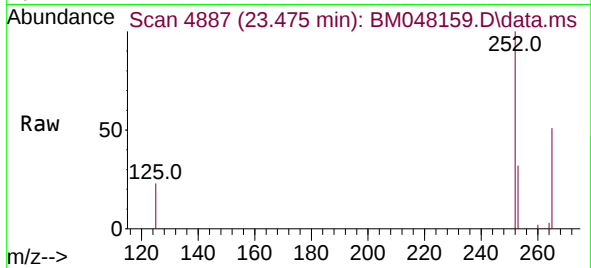




#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.475 min Scan# 4887
Delta R.T. -0.030 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

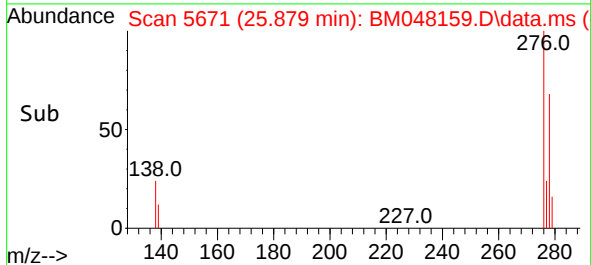
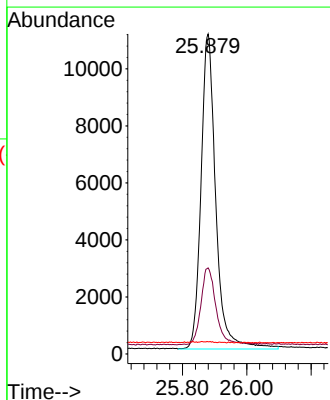
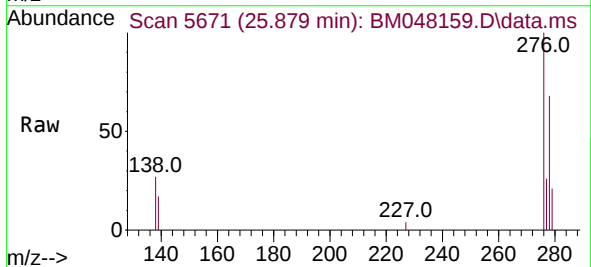
Instrument :
BNA_M
ClientSampleId :
E27H4MSD

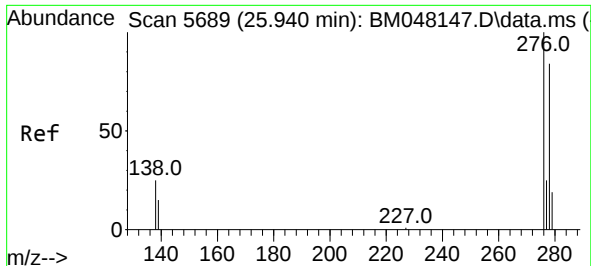
Tgt Ion:252 Resp: 24659
Ion Ratio Lower Upper
252 100
253 32.1 29.0 43.4
125 22.6 24.4 36.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng/ul
RT: 25.879 min Scan# 5671
Delta R.T. -0.034 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

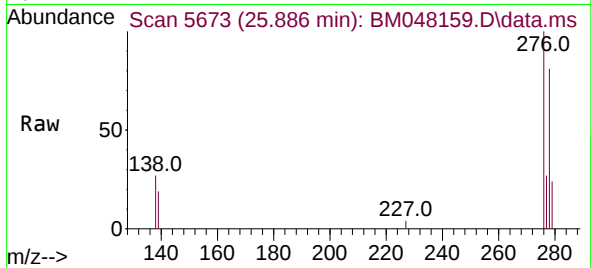
Tgt Ion:276 Resp: 35195
Ion Ratio Lower Upper
276 100
138 24.6 20.2 30.2
227 0.0 0.0 0.0



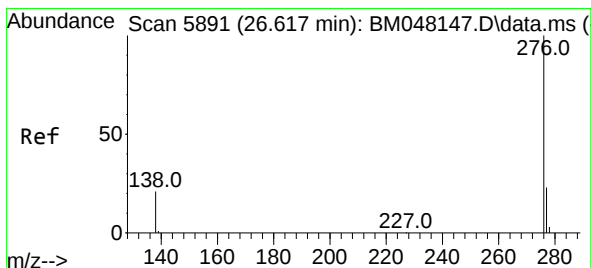
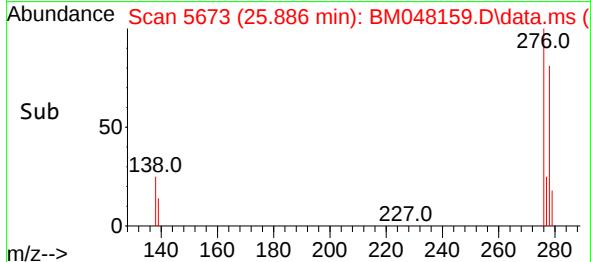
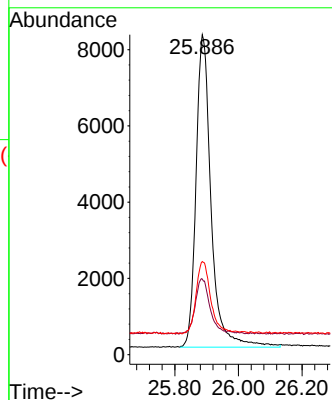


#28
Dibenzo(a,h)anthracene
Concen: 0.375 ng/ul
RT: 25.886 min Scan# 5673
Delta R.T. -0.044 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

Instrument :
BNA_M
ClientSampleId :
E27H4MSD



Tgt Ion:278 Resp: 26946
Ion Ratio Lower Upper
278 100
139 23.7 18.9 28.3
279 29.1 27.6 41.4



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 26.584 min Scan# 5881
Delta R.T. -0.024 min
Lab File: BM048159.D
Acq: 21 Oct 2024 17:37

Tgt Ion:276 Resp: 28158
Ion Ratio Lower Upper
276 100
138 25.5 20.3 30.5
277 26.4 20.4 30.6

