

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048181.D
 Acq On : 22 Oct 2024 07:30
 Operator : RC/JU
 Sample : PB164044BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS044

Quant Time: Oct 22 08:23:13 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 : Mon Oct 21 23:11:55 2024
 Response via : Initial Calibration

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

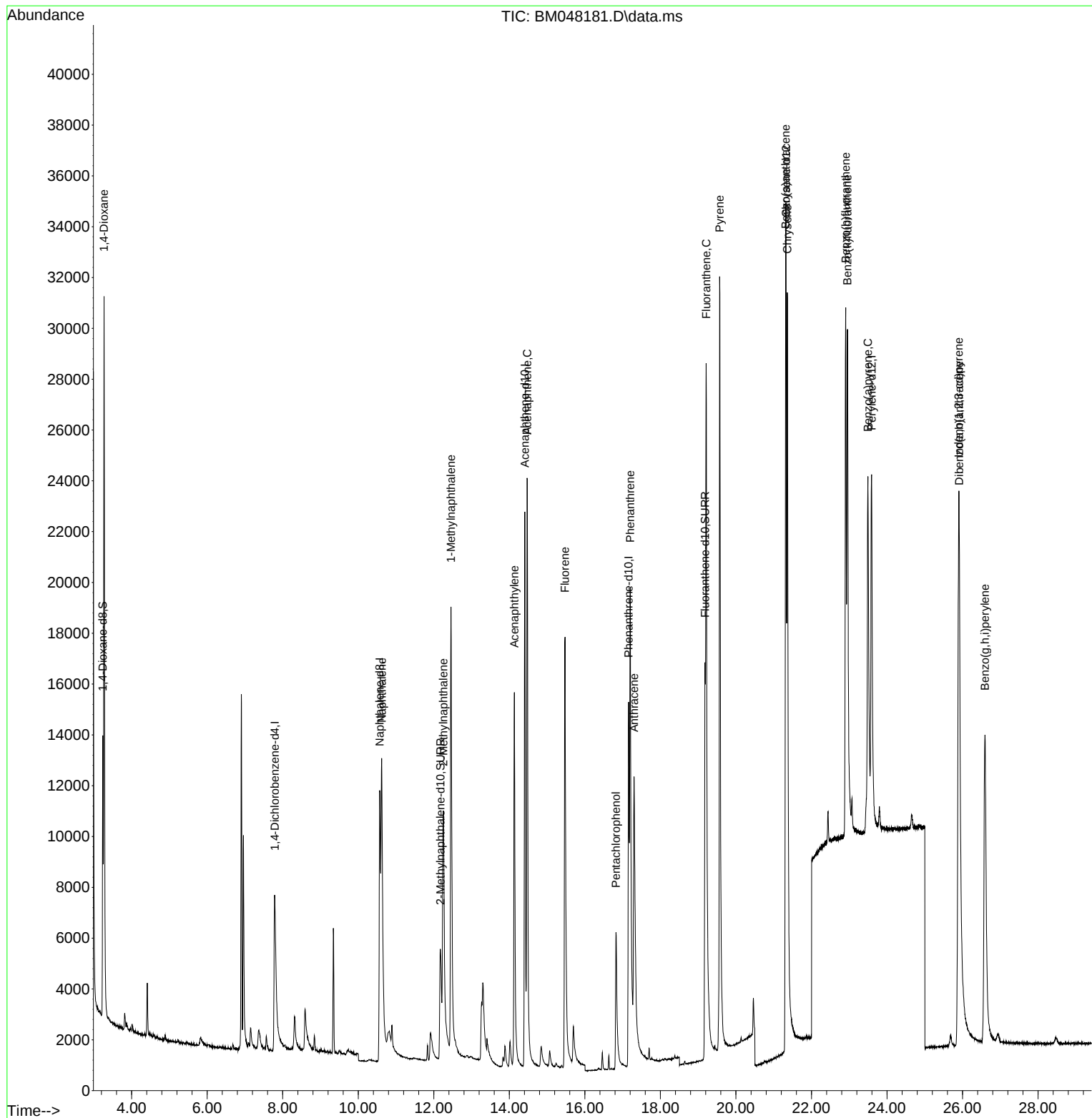
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.788	152	8298	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.568	136	27658	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.409	164	15461	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.158	188	31357	0.400	ng/ul	-0.02
17) Chrysene-d12	21.327	240	23792	0.400	ng/ul	0.00
23) Perylene-d12	23.592	264	25126	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	7429	0.659	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	13718	0.356	ng/ul	-0.03
18) Fluoranthene-d10	19.183	212	28227	0.408	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	20636	1.557	ng/ul#	83
5) Naphthalene	10.623	128	25669	0.341	ng/ul	97
7) 2-Methylnaphthalene	12.251	142	15445	0.359	ng/ul	99
8) 1-Methylnaphthalene	12.454	142	19481	0.394	ng/ul	100
10) Acenaphthylene	14.132	152	23758	0.333	ng/ul	99
11) Acenaphthene	14.474	153	18283	0.358	ng/ul	99
12) Fluorene	15.473	166	19570	0.358	ng/ul	99
14) Pentachlorophenol	16.824	266	6896	0.655	ng/ul	99
15) Phenanthrene	17.200	178	27944	0.353	ng/ul	100
16) Anthracene	17.302	178	25978	0.346	ng/ul	98
19) Fluoranthene	19.211	202	36156	0.387	ng/ul	99
20) Pyrene	19.569	202	39053	0.389	ng/ul	99
21) Benzo(a)anthracene	21.315	228	28544	0.389	ng/ul	100
22) Chrysene	21.362	228	39540	0.354	ng/ul	100
24) Benzo(b)fluoranthene	22.905	252	31921	0.332	ng/ul	93
25) Benzo(k)fluoranthene	22.952	252	36918	0.317	ng/ul	95
26) Benzo(a)pyrene	23.492	252	31056	0.387	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.899	276	41967	0.349	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.913	278	31564	0.344	ng/ul	93
29) Benzo(g,h,i)perylene	26.594	276	35200	0.351	ng/ul	99

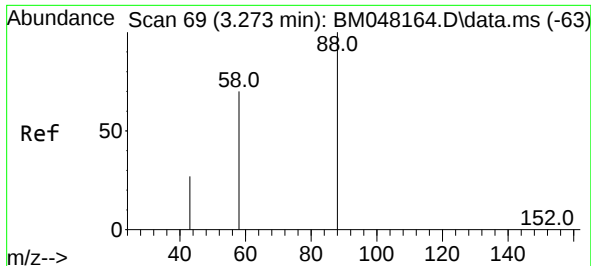
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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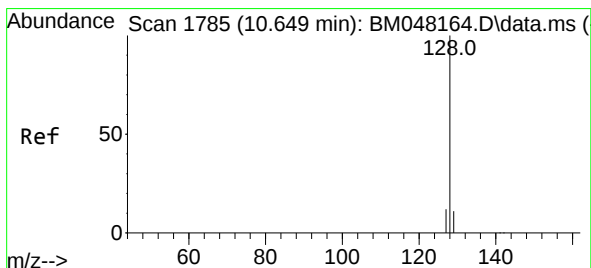
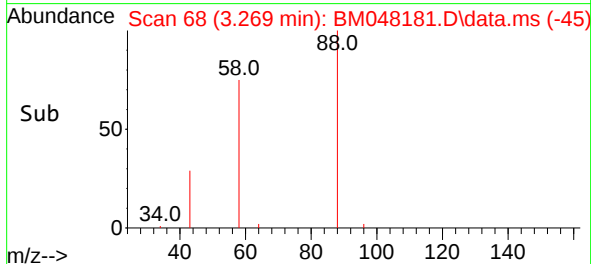
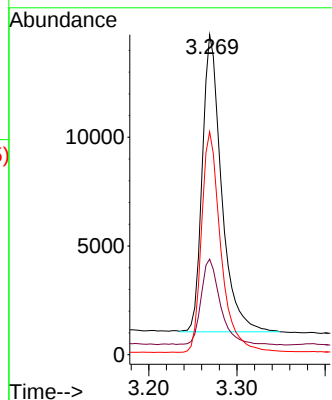
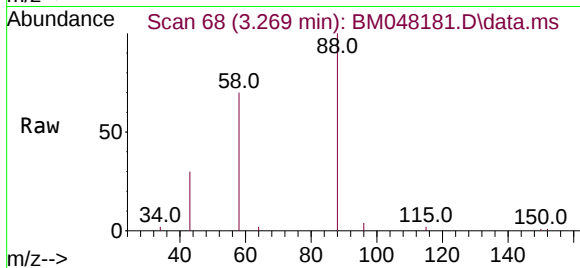




#2
1,4-Dioxane
Concen: 1.557 ng/ul
RT: 3.269 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

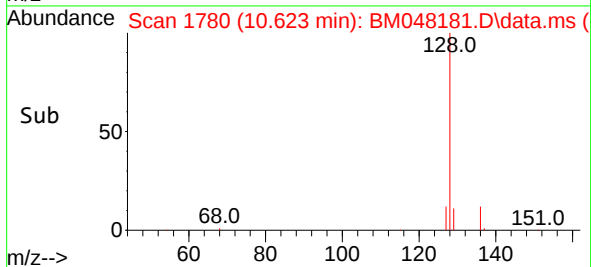
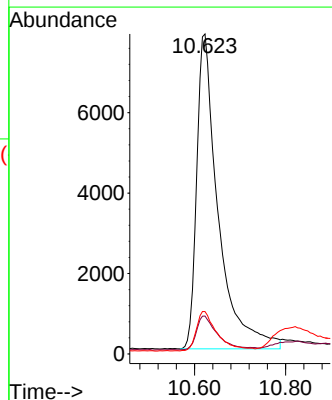
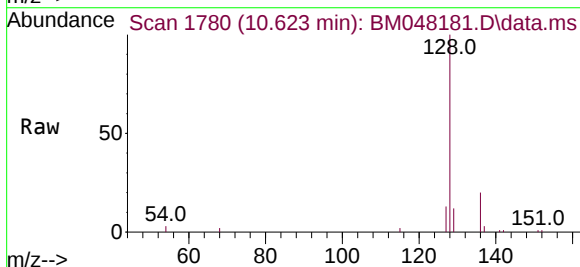
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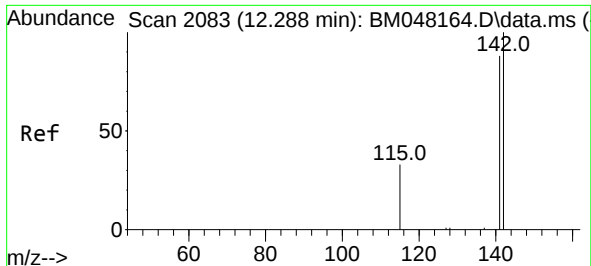
Tgt Ion: 88 Resp: 20636
Ion Ratio Lower Upper
88 100
43 29.8 27.7 41.5
58 69.7 42.5 63.7#



#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.623 min Scan# 1780
Delta R.T. -0.015 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

Tgt Ion: 128 Resp: 25669
Ion Ratio Lower Upper
128 100
129 11.8 10.6 15.8
127 13.3 11.3 16.9

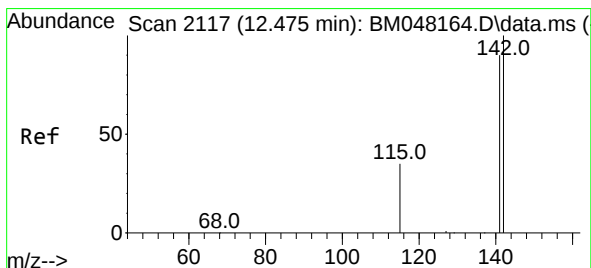
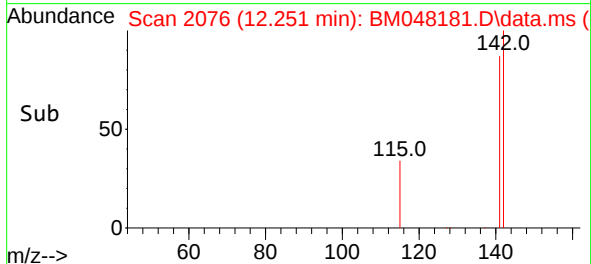
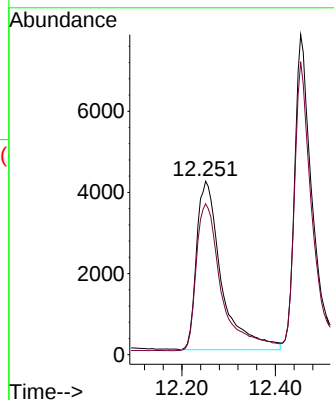
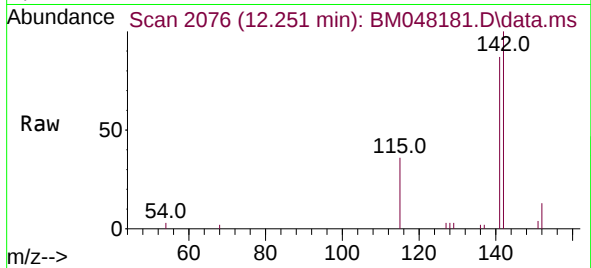




#7
2-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.251 min Scan# 2083
Delta R.T. -0.021 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

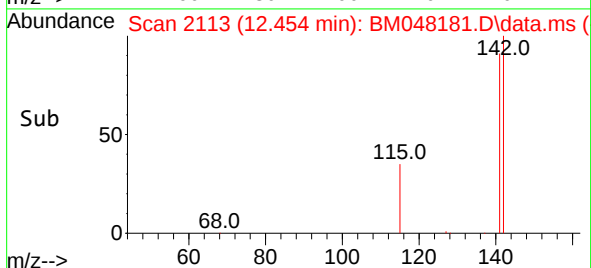
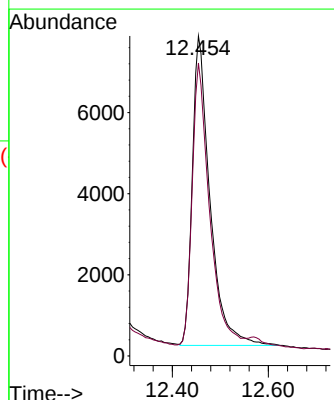
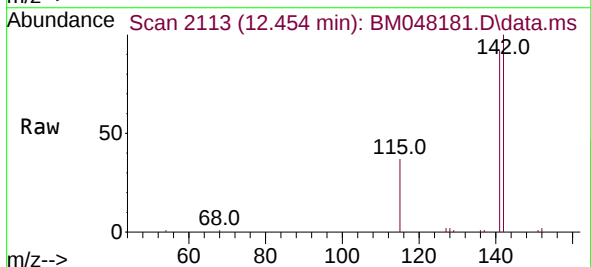
Instrument :
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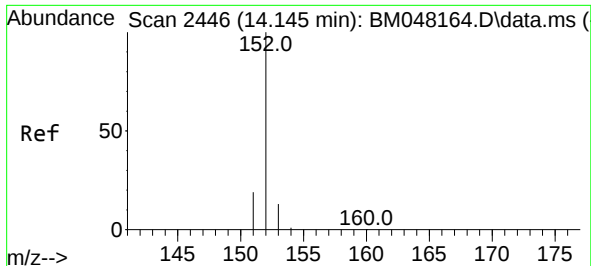
Tgt Ion:142 Resp: 15445
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.454 min Scan# 2113
Delta R.T. -0.015 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

Tgt Ion:142 Resp: 19481
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6

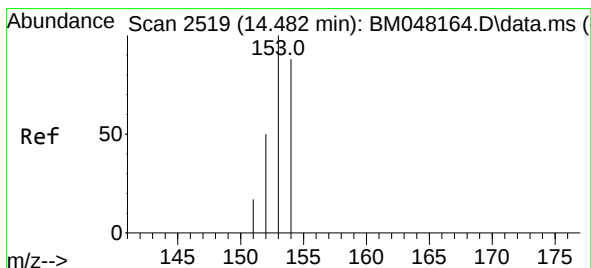
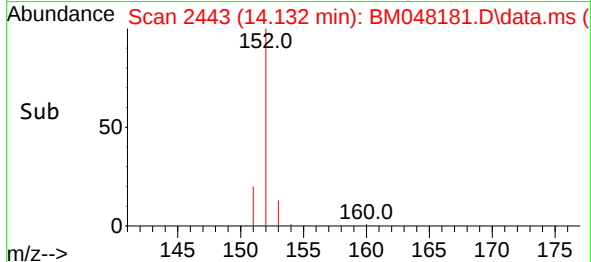
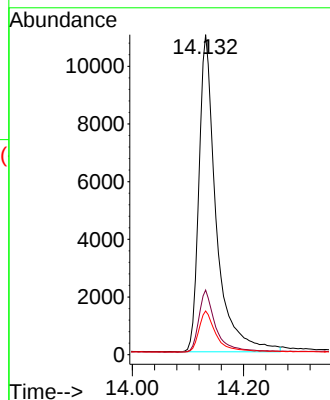
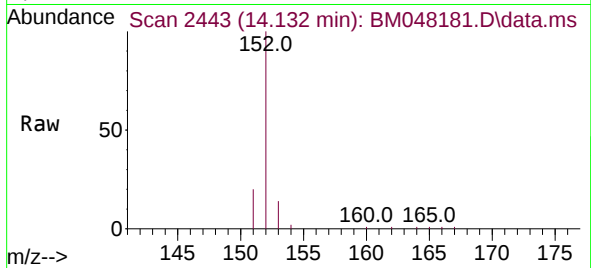




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.132 min Scan# 2443
Delta R.T. -0.013 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

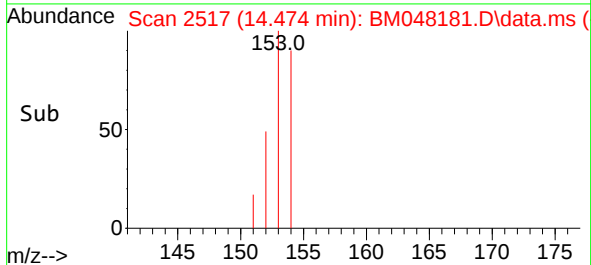
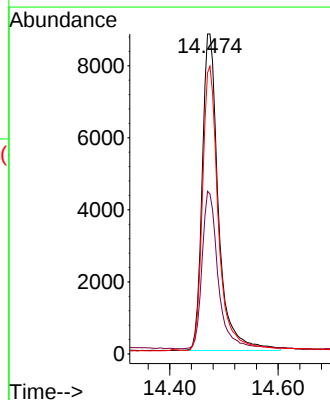
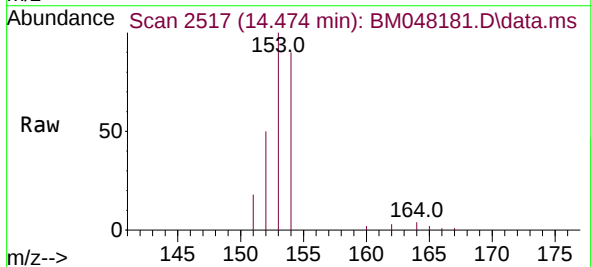
Instrument :
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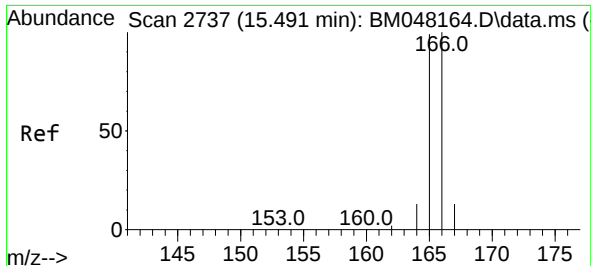
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.6	11.7	17.5



#11
Acenaphthene
Concen: 0.358 ng/ul
RT: 14.474 min Scan# 2517
Delta R.T. -0.008 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.0	40.9	61.3
154	89.9	71.0	106.4

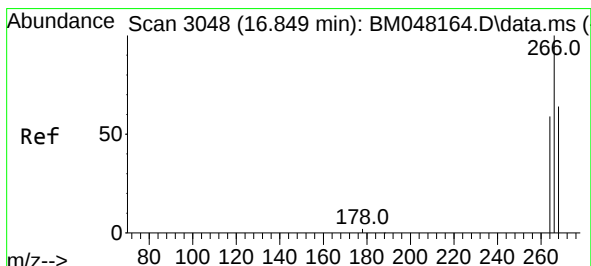
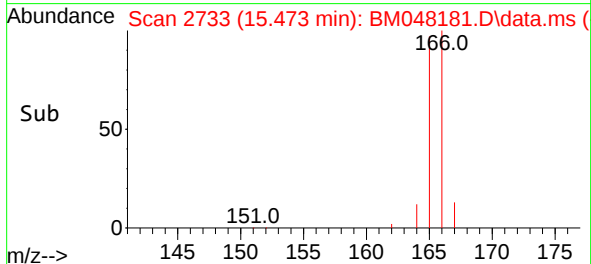
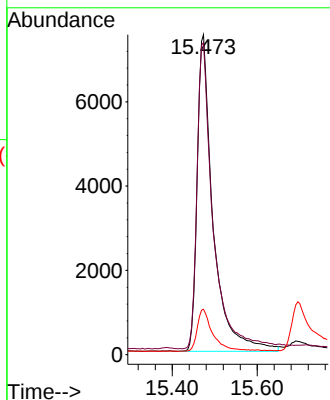
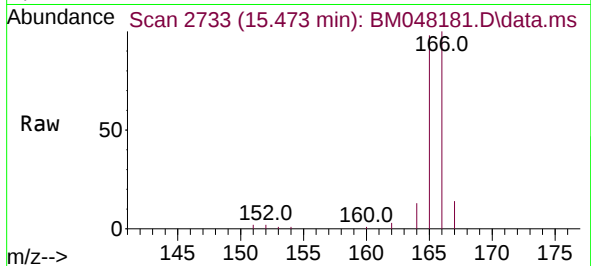




#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.473 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

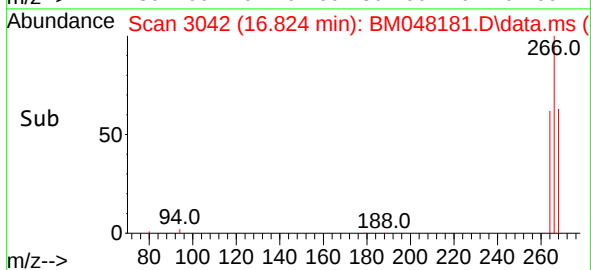
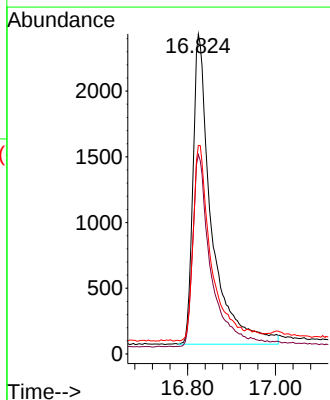
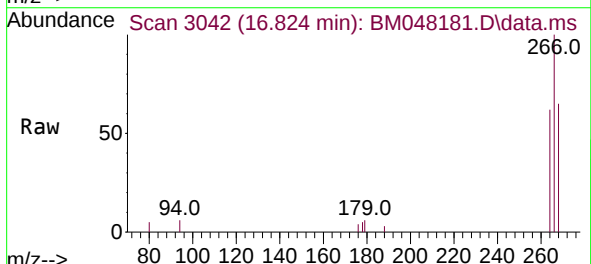
Instrument :
BNA_M
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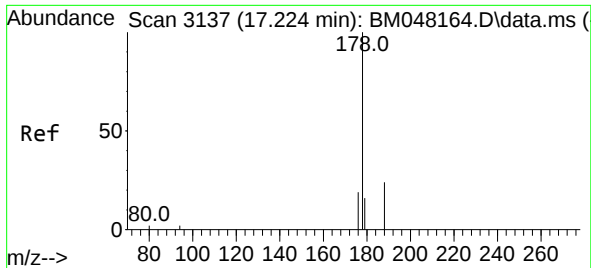
Tgt Ion:166 Resp: 19570
Ion Ratio Lower Upper
166 100
165 97.6 79.1 118.7
167 14.2 12.0 18.0



#14
Pentachlorophenol
Concen: 0.655 ng/ul
RT: 16.824 min Scan# 3042
Delta R.T. -0.016 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

Tgt Ion:266 Resp: 6896
Ion Ratio Lower Upper
266 100
264 61.9 50.2 75.2
268 63.9 51.8 77.6

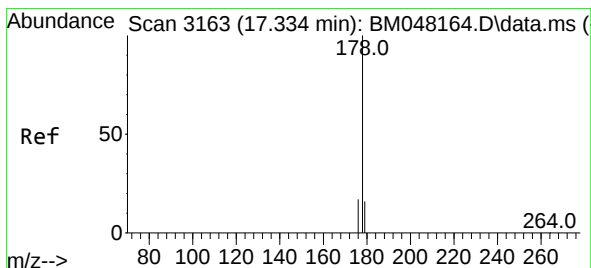
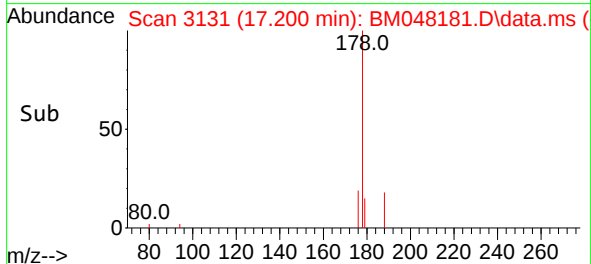
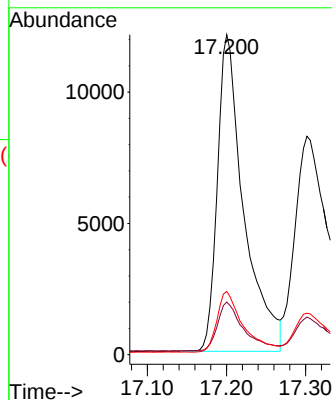
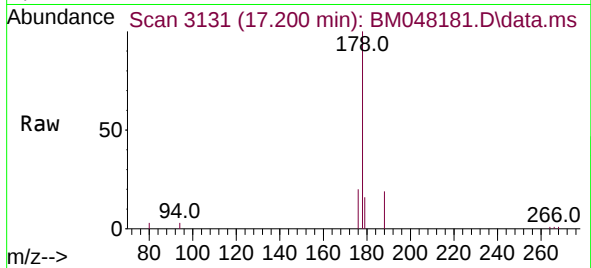




#15
Phenanthrene
Concen: 0.353 ng/ul
RT: 17.200 min Scan# 3137
Delta R.T. -0.016 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

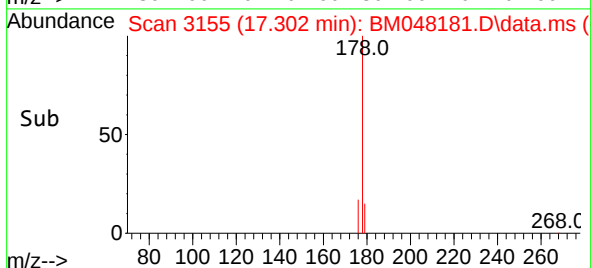
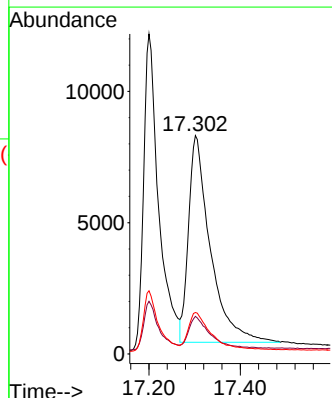
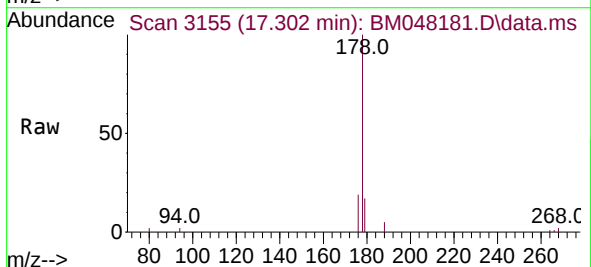
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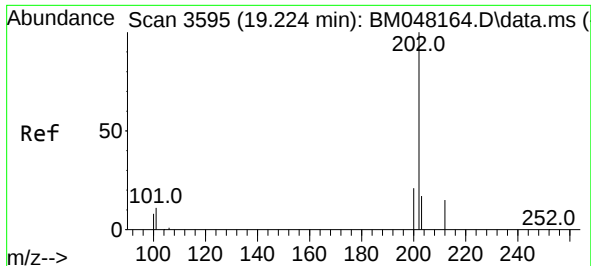
Tgt Ion:178 Resp: 27944
Ion Ratio Lower Upper
178 100
179 16.4 13.2 19.8
176 19.8 16.0 24.0



#16
Anthracene
Concen: 0.346 ng/ul
RT: 17.302 min Scan# 3155
Delta R.T. -0.020 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

Tgt Ion:178 Resp: 25978
Ion Ratio Lower Upper
178 100
179 17.2 14.5 21.7
176 19.0 16.0 24.0

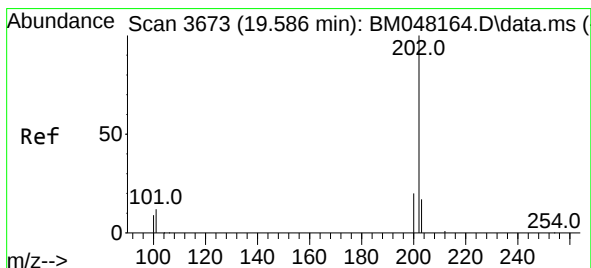
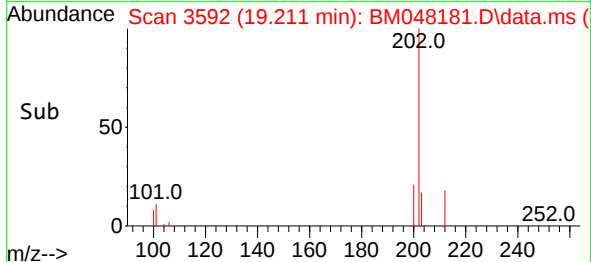
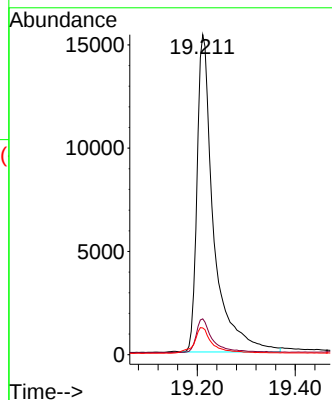
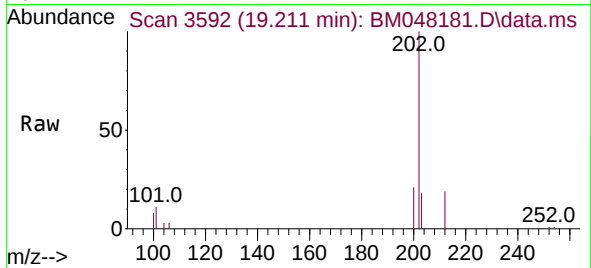




#19
Fluoranthene
Concen: 0.387 ng/ul
RT: 19.211 min Scan# 3592
Delta R.T. -0.008 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

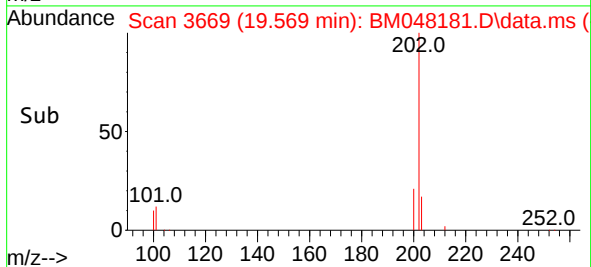
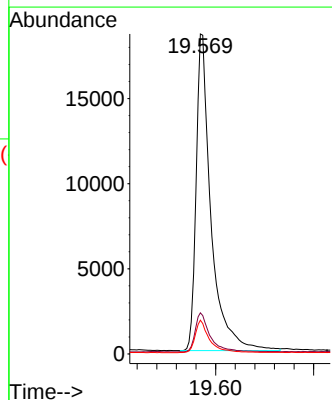
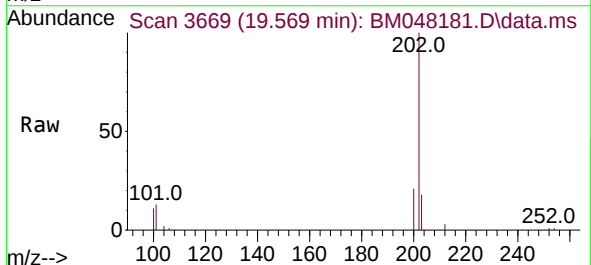
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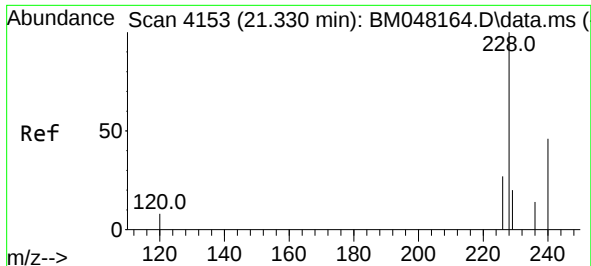
Tgt Ion:202 Resp: 36156
Ion Ratio Lower Upper
202 100
101 11.2 9.3 13.9
100 8.3 7.1 10.7



#20
Pyrene
Concen: 0.389 ng/ul
RT: 19.569 min Scan# 3669
Delta R.T. -0.013 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

Tgt Ion:202 Resp: 39053
Ion Ratio Lower Upper
202 100
101 12.8 10.6 16.0
100 10.6 8.1 12.1

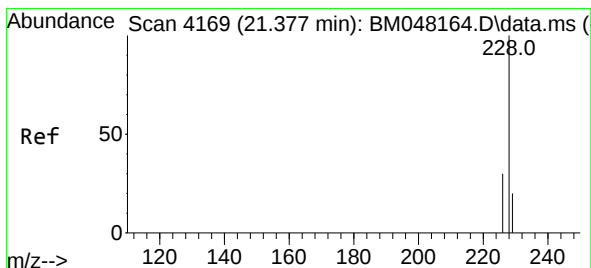
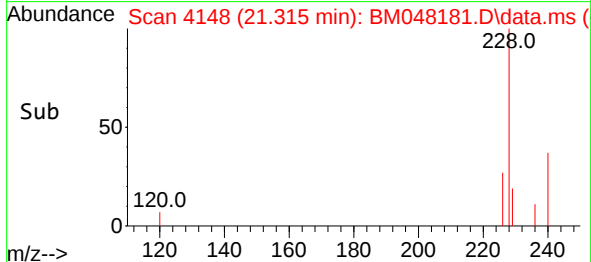
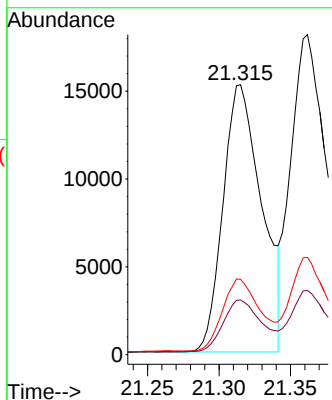
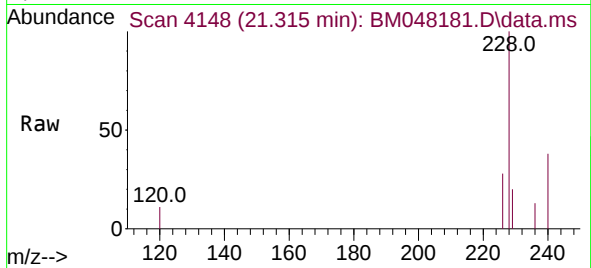




#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.315 min Scan# 4153
Delta R.T. -0.007 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

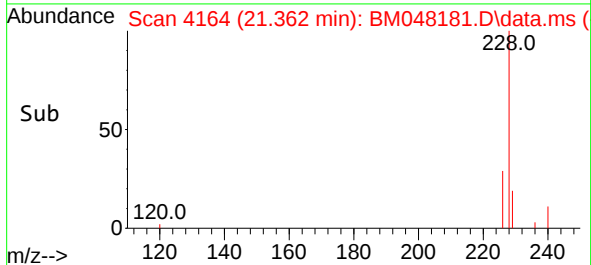
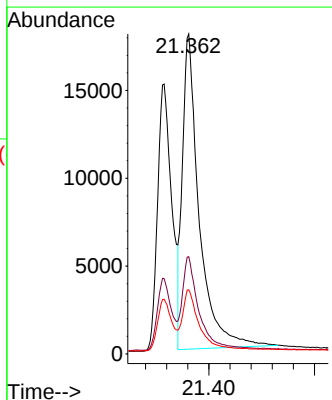
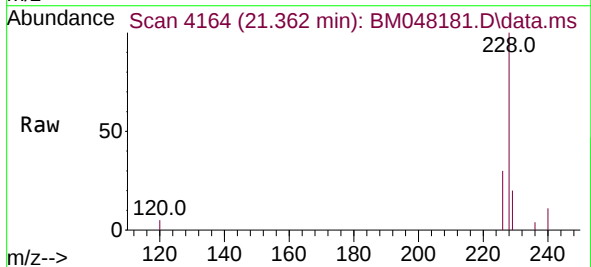
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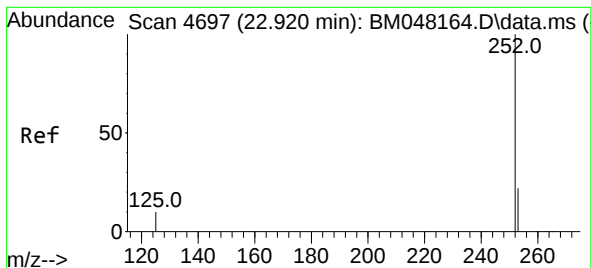
Tgt Ion:228 Resp: 28544
Ion Ratio Lower Upper
228 100
229 20.3 16.4 24.6
226 27.9 22.5 33.7



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.362 min Scan# 4164
Delta R.T. -0.009 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

Tgt Ion:228 Resp: 39540
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 20.0 16.1 24.1





#24

Benzo(b)fluoranthene

Concen: 0.332 ng/ul

RT: 22.905 min Scan# 4

Delta R.T. -0.012 min

Lab File: BM048181.D

Acq: 22 Oct 2024 07:30

Instrument :

BNA_M

ClientSampleId :

SLCS044

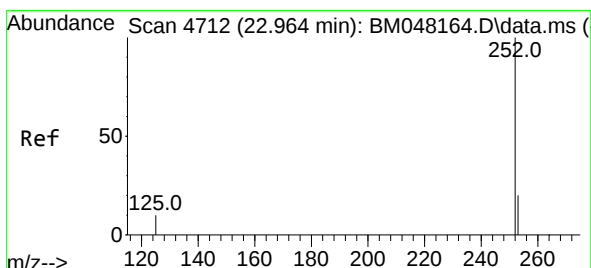
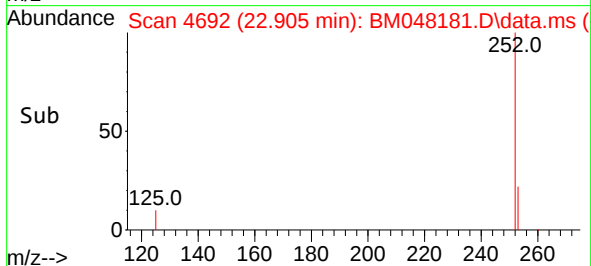
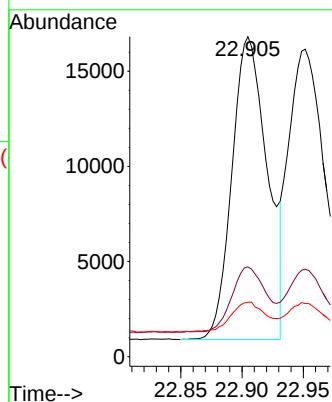
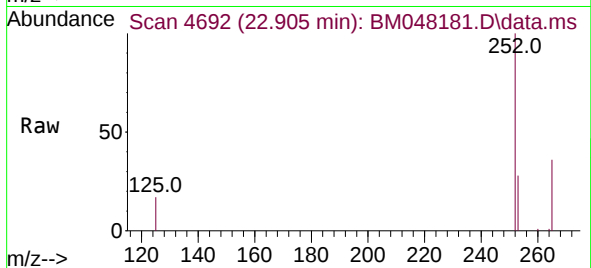
Tgt Ion:252 Resp: 31921

Ion Ratio Lower Upper

252 100

253 28.1 0.0 61.6

125 17.0 0.0 42.8



#25

Benzo(k)fluoranthene

Concen: 0.317 ng/ul

RT: 22.952 min Scan# 4708

Delta R.T. -0.009 min

Lab File: BM048181.D

Acq: 22 Oct 2024 07:30

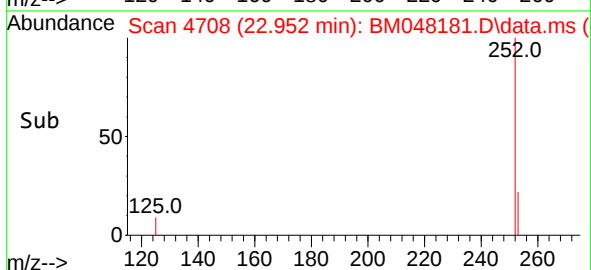
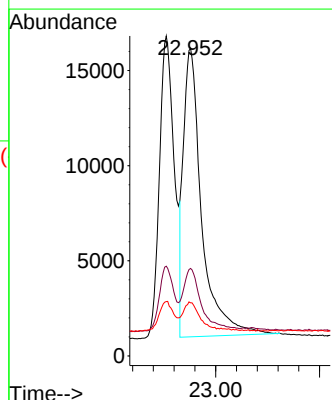
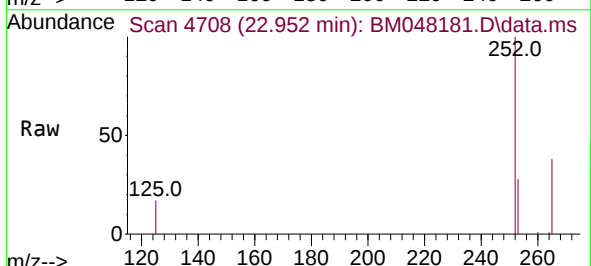
Tgt Ion:252 Resp: 36918

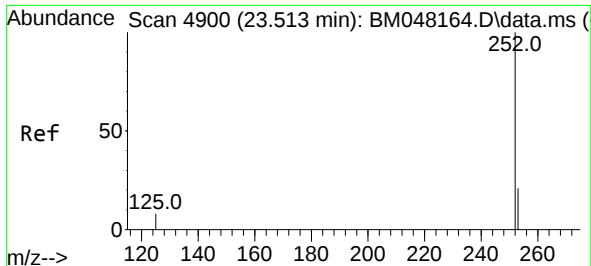
Ion Ratio Lower Upper

252 100

253 28.5 24.4 36.6

125 17.3 16.8 25.2

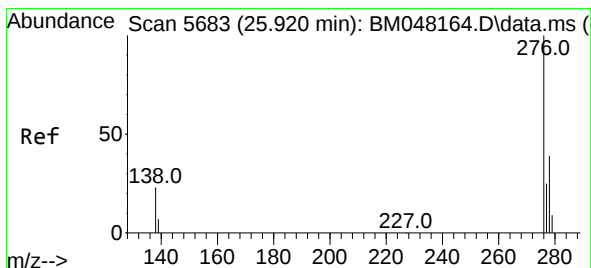
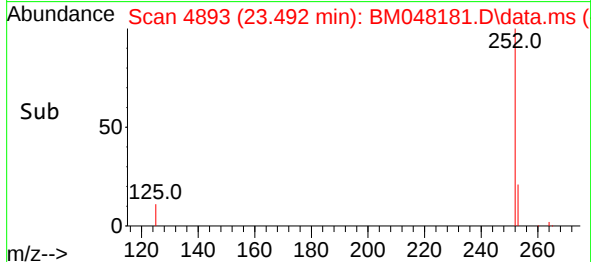
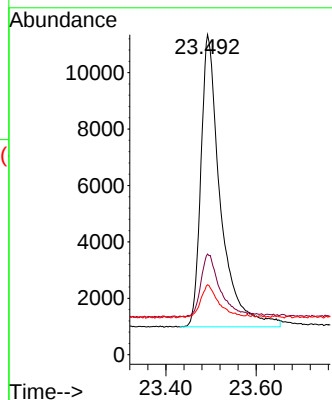
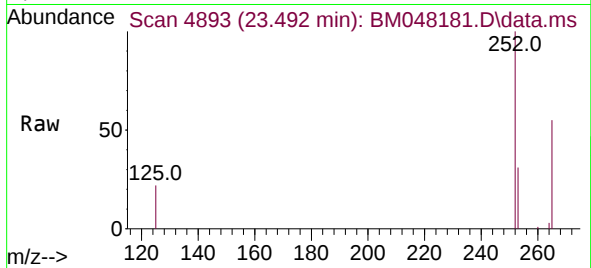




#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 23.492 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

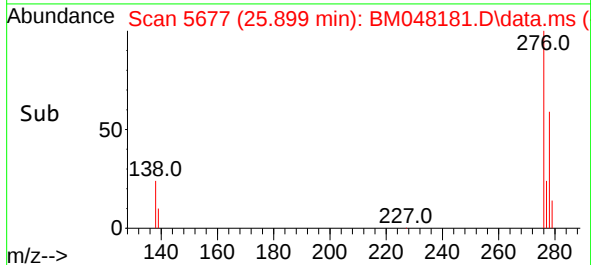
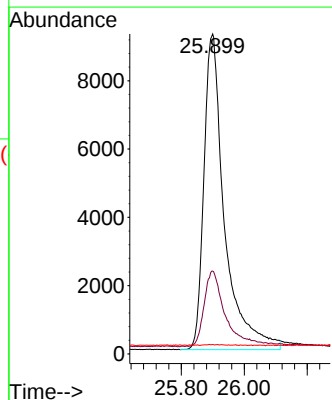
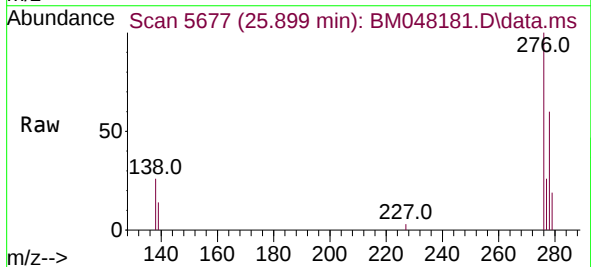
Instrument :
BNA_M
ClientSampleId :
SLCS044

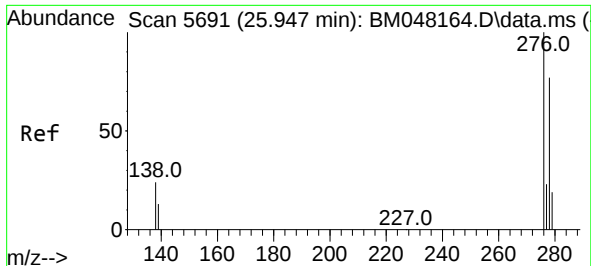
Tgt Ion:252 Resp: 31056
Ion Ratio Lower Upper
252 100
253 31.5 29.0 43.4
125 21.9 24.4 36.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 25.899 min Scan# 5677
Delta R.T. -0.014 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

Tgt Ion:276 Resp: 41967
Ion Ratio Lower Upper
276 100
138 25.0 20.2 30.2
227 0.1 0.0 0.0#

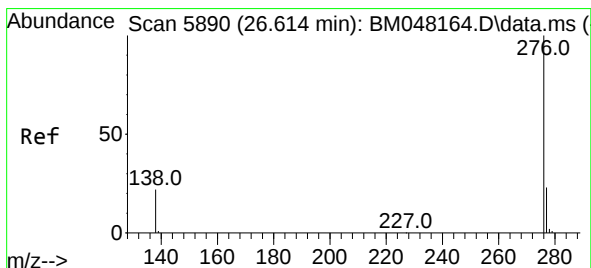
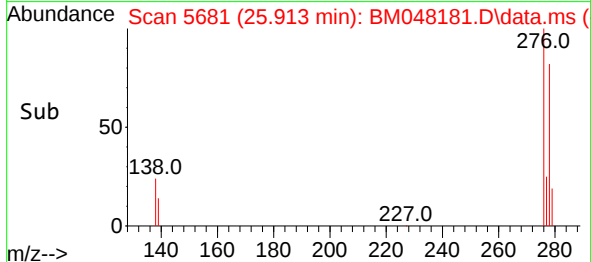
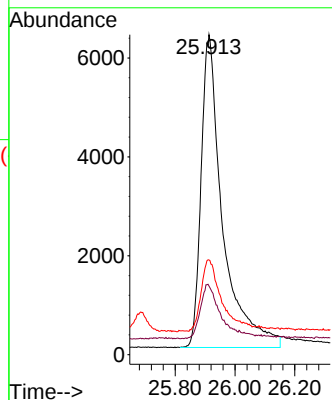
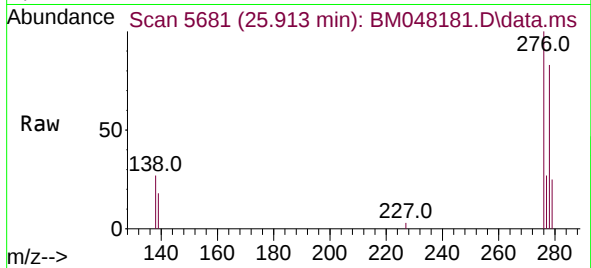




#28
Dibenzo(a,h)anthracene
Concen: 0.344 ng/ul
RT: 25.913 min Scan# 5681
Delta R.T. -0.017 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

Instrument :
BNA_M
ClientSampleId :
SLCS044

Tgt Ion:278 Resp: 31564
Ion Ratio Lower Upper
278 100
139 21.4 18.9 28.3
279 29.6 27.6 41.4



#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 26.594 min Scan# 5884
Delta R.T. -0.014 min
Lab File: BM048181.D
Acq: 22 Oct 2024 07:30

Tgt Ion:276 Resp: 35200
Ion Ratio Lower Upper
276 100
138 24.5 20.3 30.5
277 25.7 20.4 30.6

