

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048503.D
 Acq On : 07 Nov 2024 09:26
 Operator : RC/JU
 Sample : PB164609BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS609

Quant Time: Nov 07 10:01:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 14:39:10 2024
 Response via : Initial Calibration

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

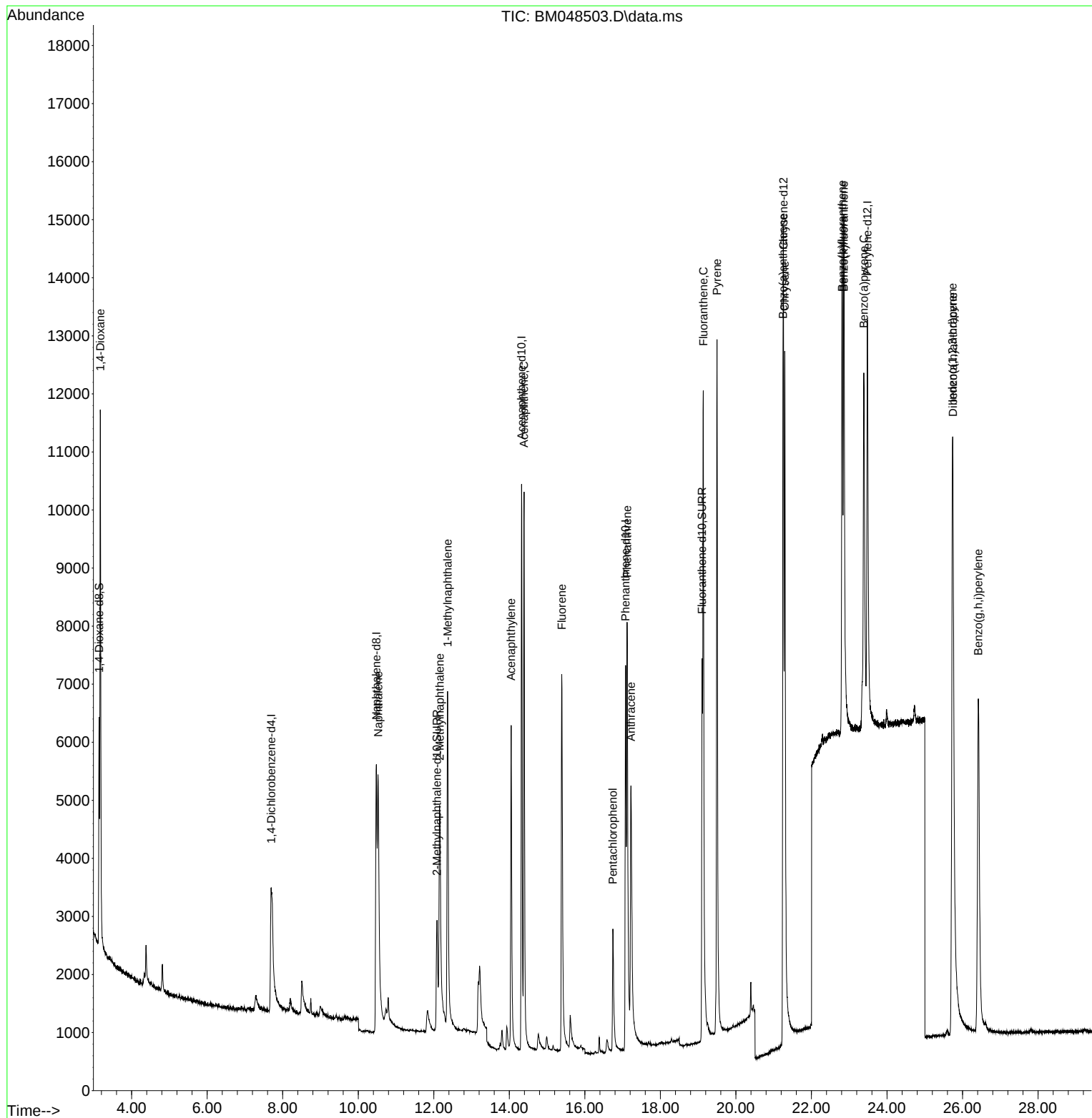
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	3416	0.400	ng/ul	0.01
4) Naphthalene-d8	10.479	136	11945	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.325	164	6794	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.077	188	13047	0.400	ng/ul	0.00
17) Chrysene-d12	21.260	240	10475	0.400	ng/ul	0.00
23) Perylene-d12	23.484	264	11867	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	2742	0.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.085	152	5246	0.340	ng/ul	0.01
18) Fluoranthene-d10	19.103	212	10557	0.359	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.172	88	7156	1.511	ng/ul#	67
5) Naphthalene	10.528	128	9608	0.321	ng/ul	97
7) 2-Methylnaphthalene	12.156	142	5734	0.305	ng/ul	94
8) 1-Methylnaphthalene	12.365	142	6501	0.337	ng/ul	99
10) Acenaphthylene	14.047	152	8586	0.333	ng/ul	99
11) Acenaphthene	14.390	153	6640	0.322	ng/ul	99
12) Fluorene	15.389	166	7044	0.314	ng/ul	100
14) Pentachlorophenol	16.743	266	2346	0.490	ng/ul	99
15) Phenanthrene	17.119	178	10322	0.301	ng/ul	99
16) Anthracene	17.220	178	9261	0.290	ng/ul	99
19) Fluoranthene	19.136	202	13090	0.337	ng/ul	99
20) Pyrene	19.498	202	13992	0.332	ng/ul	99
21) Benzo(a)anthracene	21.246	228	11013	0.321	ng/ul	99
22) Chrysene	21.295	228	15133	0.368	ng/ul	99
24) Benzo(b)fluoranthene	22.812	252	12650	0.342	ng/ul	100
25) Benzo(k)fluoranthene	22.859	252	15725	0.363	ng/ul	99
26) Benzo(a)pyrene	23.385	252	12986	0.360	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.732	276	17912	0.355	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.746	278	13733	0.350	ng/ul	99
29) Benzo(g,h,i)perylene	26.417	276	15044	0.355	ng/ul	98

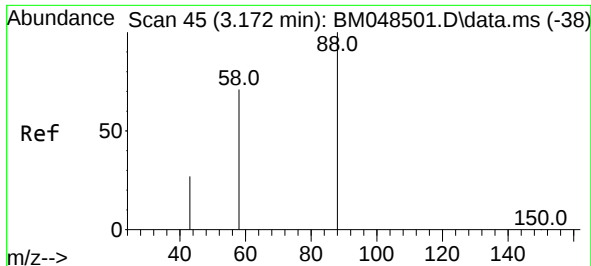
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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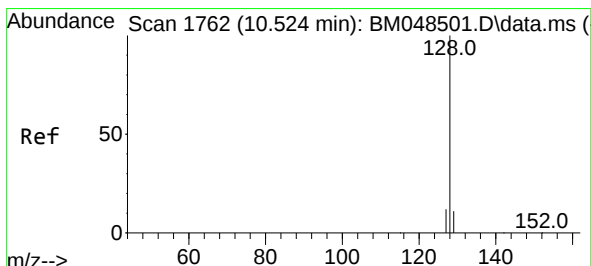
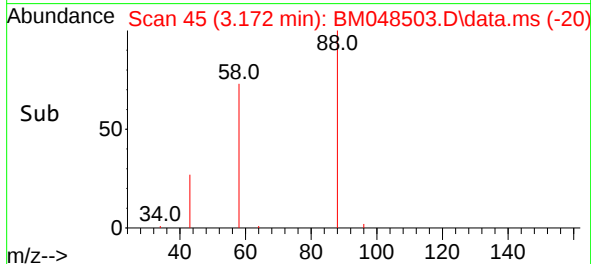
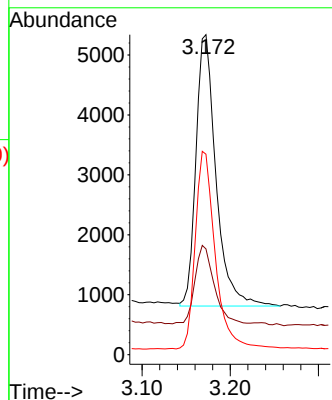
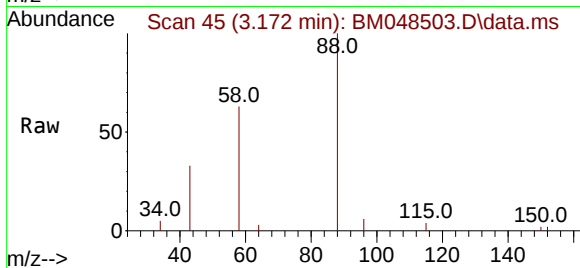




#2
 1,4-Dioxane
 Concen: 1.511 ng/ul
 RT: 3.172 min Scan# 41
 Delta R.T. 0.004 min
 Lab File: BM048503.D
 Acq: 07 Nov 2024 09:26

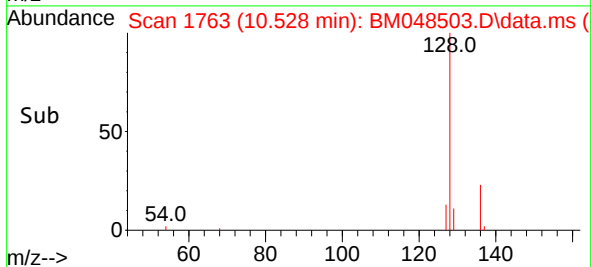
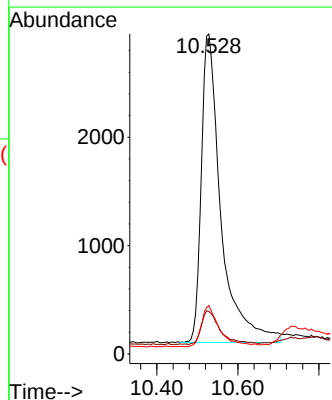
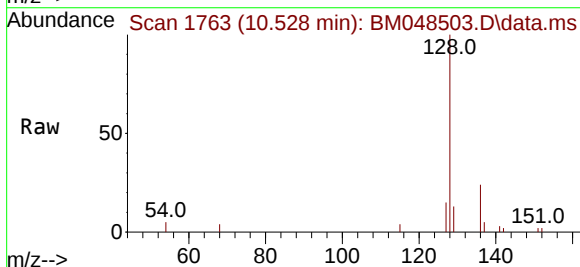
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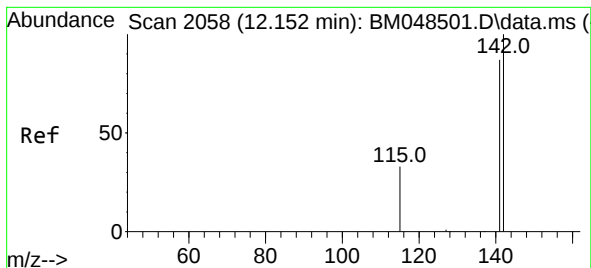
Tgt Ion: 88 Resp: 7156
 Ion Ratio Lower Upper
 88 100
 43 33.1 60.2 90.4#
 58 62.6 44.2 66.2



#5
 Naphthalene
 Concen: 0.321 ng/ul
 RT: 10.528 min Scan# 1763
 Delta R.T. 0.006 min
 Lab File: BM048503.D
 Acq: 07 Nov 2024 09:26

Tgt Ion: 128 Resp: 9608
 Ion Ratio Lower Upper
 128 100
 129 13.3 10.0 15.0
 127 15.1 10.9 16.3

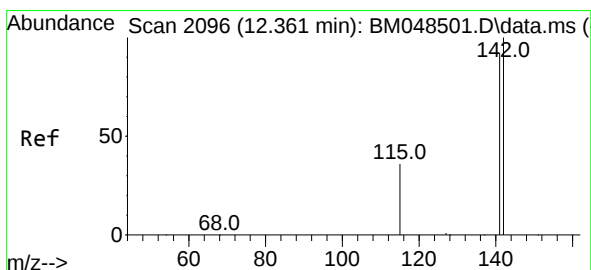
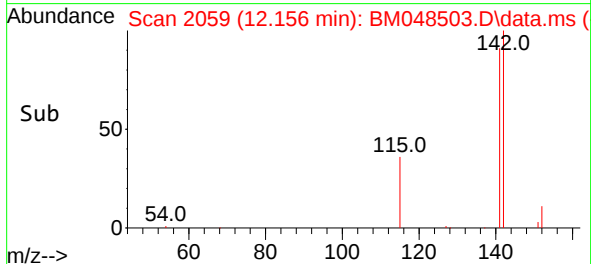
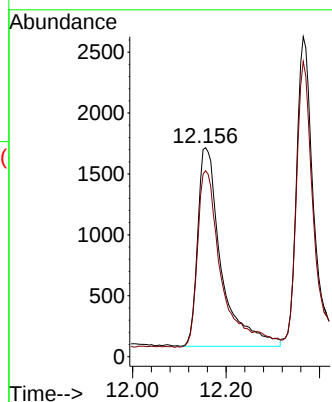
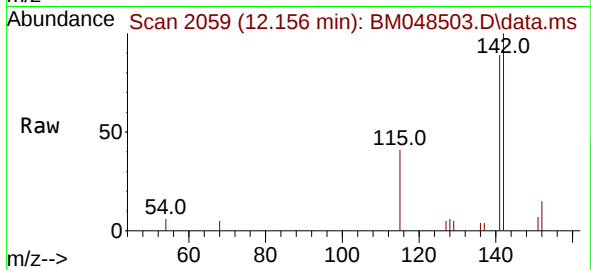




#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.156 min Scan# 2059
Delta R.T. 0.006 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

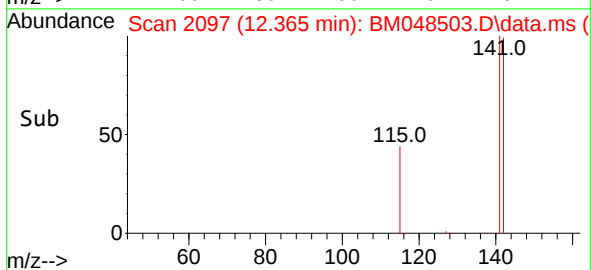
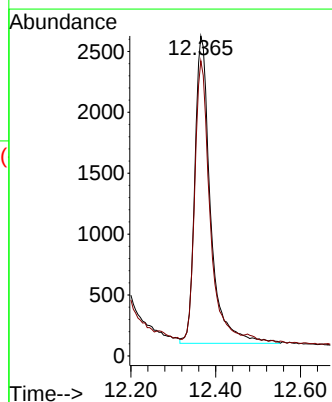
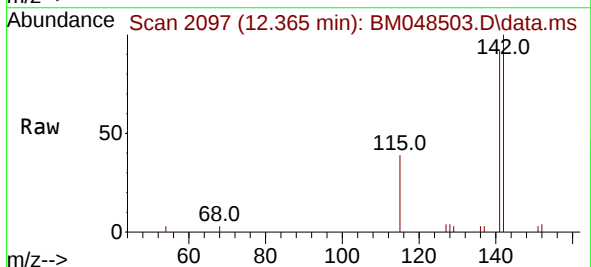
Instrument :
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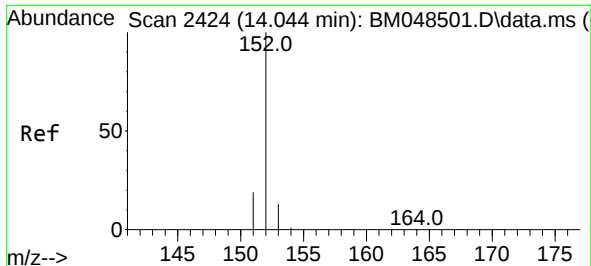
Tgt Ion:142 Resp: 5734
Ion Ratio Lower Upper
142 100
141 91.6 68.6 103.0



#8
1-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.365 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

Tgt Ion:142 Resp: 6501
Ion Ratio Lower Upper
142 100
141 90.0 72.8 109.2

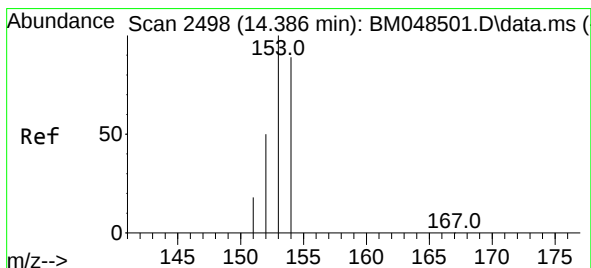
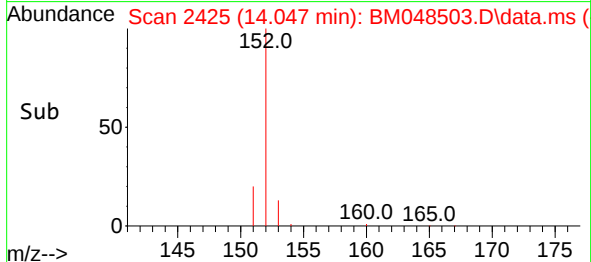
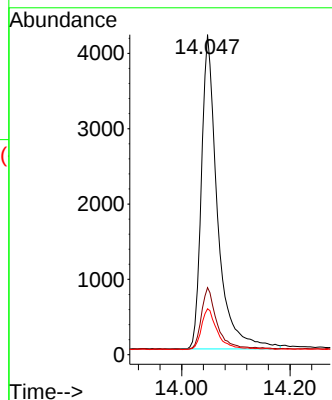
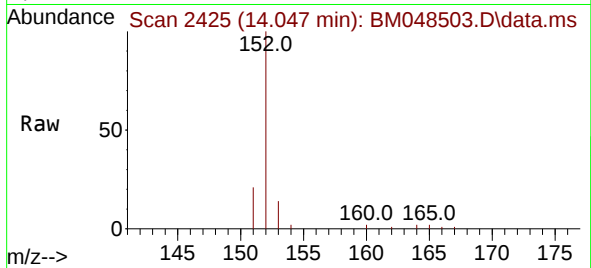




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.047 min Scan# 2424
Delta R.T. -0.005 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

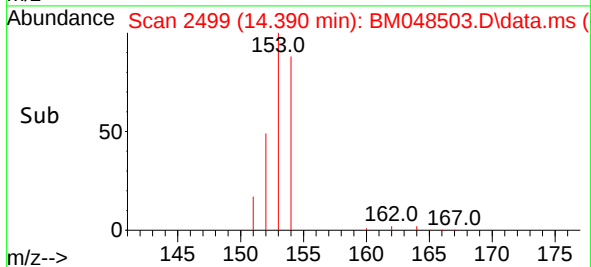
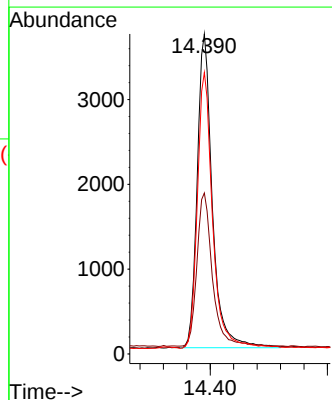
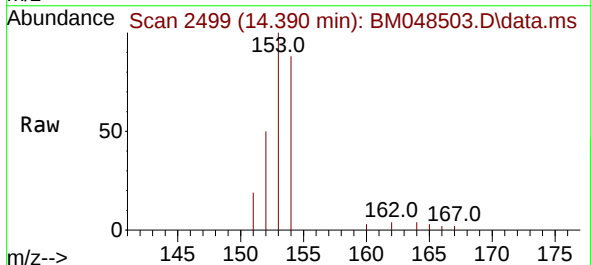
Instrument :
BNA_M
ClientSampleId :
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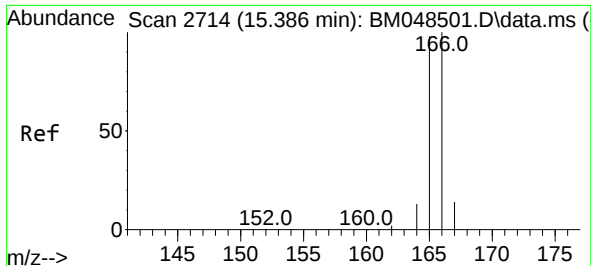
Tgt Ion:152 Resp: 8586
Ion Ratio Lower Upper
152 100
151 21.0 16.5 24.7
153 14.3 11.6 17.4



#11
Acenaphthene
Concen: 0.322 ng/ul
RT: 14.390 min Scan# 2499
Delta R.T. 0.000 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

Tgt Ion:153 Resp: 6640
Ion Ratio Lower Upper
153 100
152 50.3 41.1 61.7
154 88.0 70.3 105.5

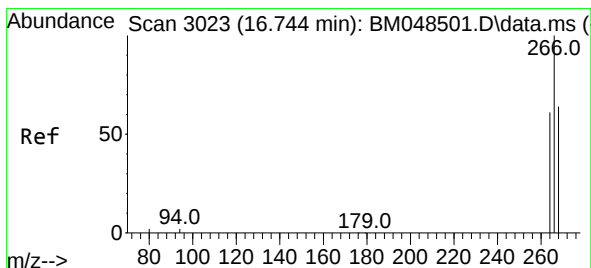
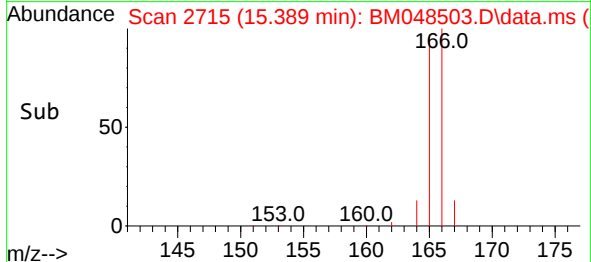
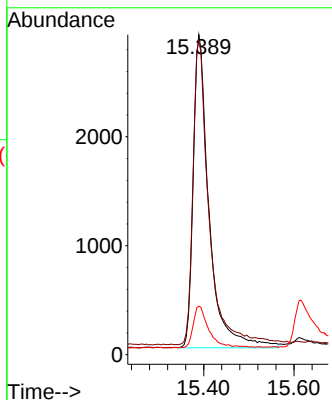
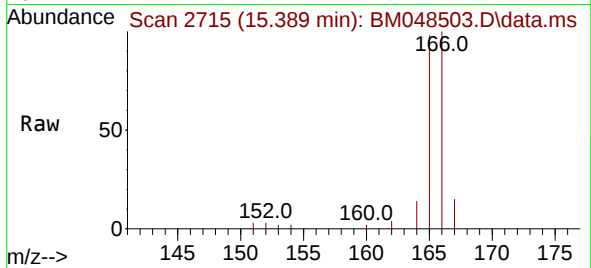




#12
 Fluorene
 Concen: 0.314 ng/ul
 RT: 15.389 min Scan# 2714
 Delta R.T. 0.005 min
 Lab File: BM048503.D
 Acq: 07 Nov 2024 09:26

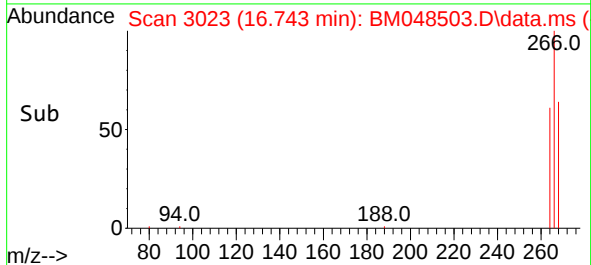
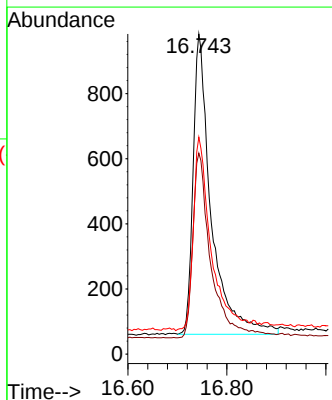
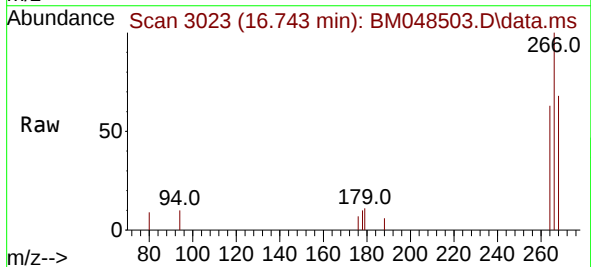
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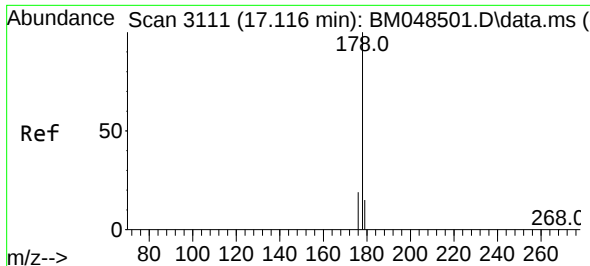
Tgt Ion:166 Resp: 7044
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.7 118.1
 167 15.2 12.6 18.8



#14
 Pentachlorophenol
 Concen: 0.490 ng/ul
 RT: 16.743 min Scan# 3023
 Delta R.T. -0.004 min
 Lab File: BM048503.D
 Acq: 07 Nov 2024 09:26

Tgt Ion:266 Resp: 2346
 Ion Ratio Lower Upper
 266 100
 264 62.0 49.6 74.4
 268 63.3 49.4 74.0

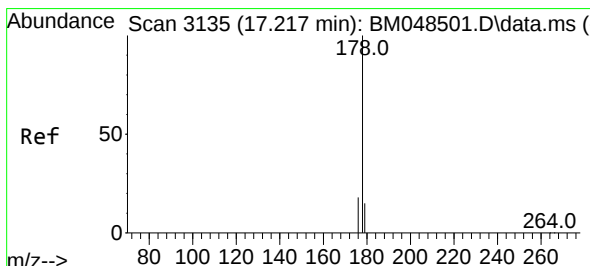
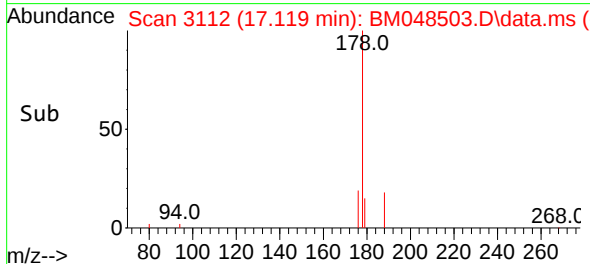
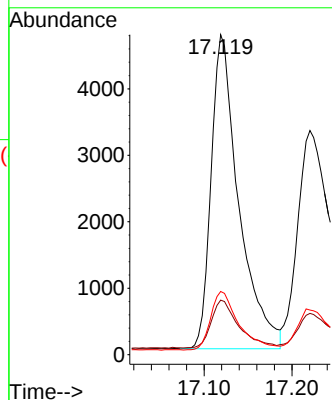
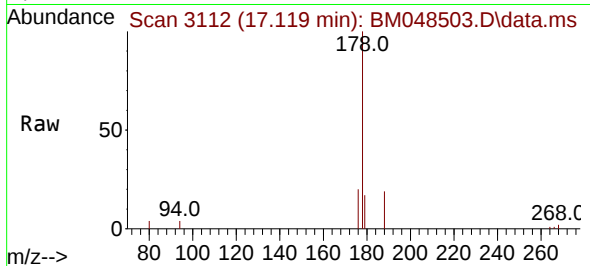




#15
Phenanthrene
Concen: 0.301 ng/ul
RT: 17.119 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

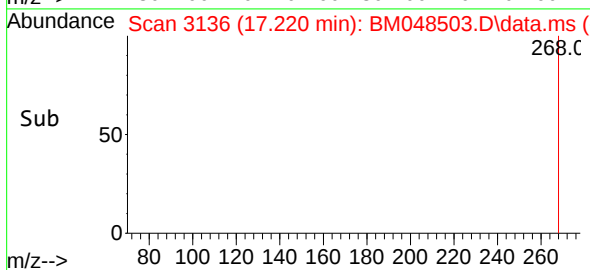
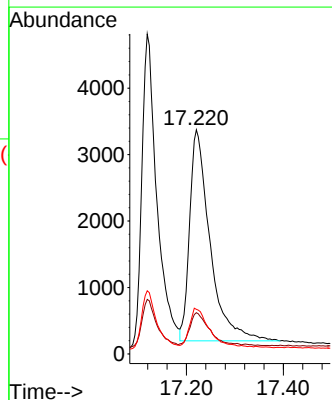
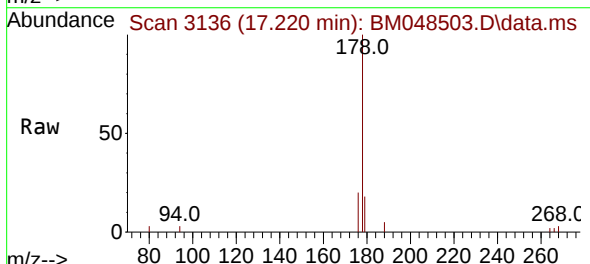
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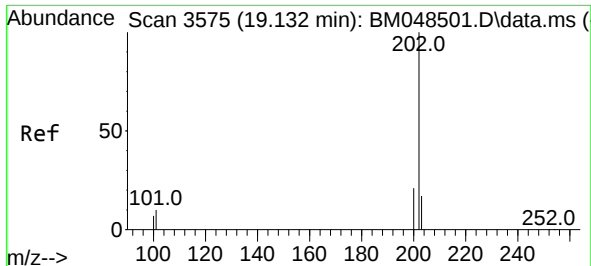
Tgt Ion:178 Resp: 10322
Ion Ratio Lower Upper
178 100
179 17.1 13.4 20.0
176 19.8 16.2 24.2



#16
Anthracene
Concen: 0.290 ng/ul
RT: 17.220 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

Tgt Ion:178 Resp: 9261
Ion Ratio Lower Upper
178 100
179 18.4 13.7 20.5
176 19.9 15.9 23.9

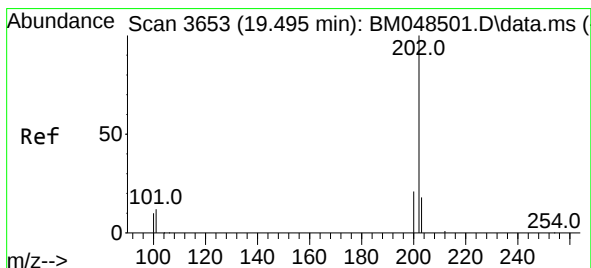
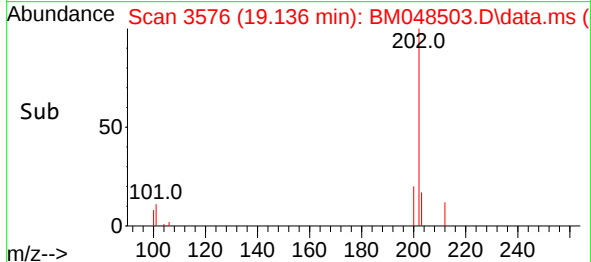
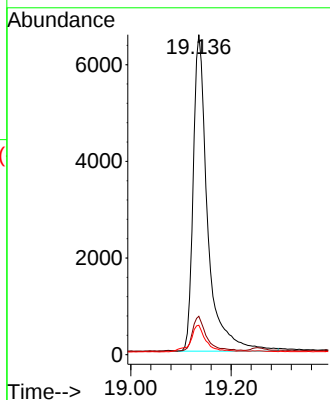
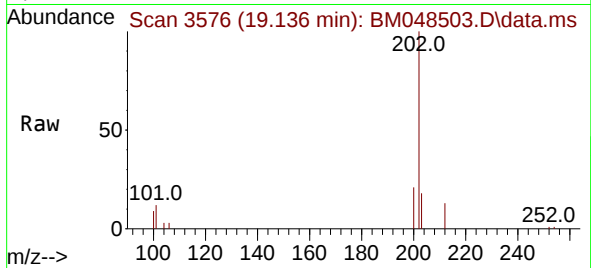




#19
Fluoranthene
Concen: 0.337 ng/ul
RT: 19.136 min Scan# 3576
Delta R.T. -0.005 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

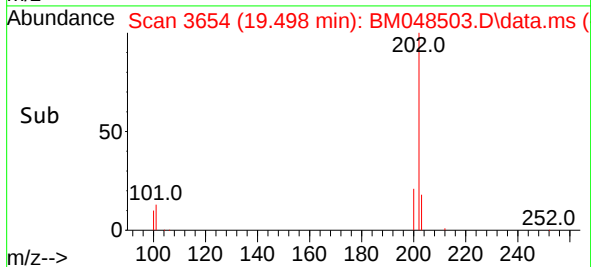
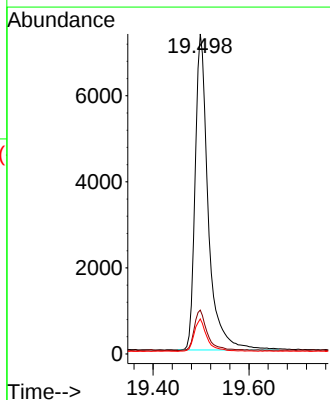
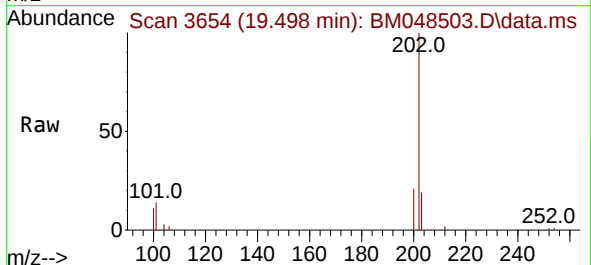
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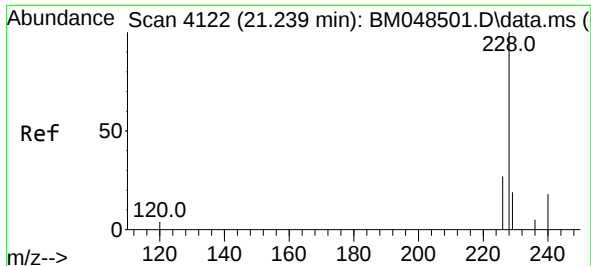
Tgt Ion:202 Resp: 13090
Ion Ratio Lower Upper
202 100
101 12.0 10.2 15.4
100 9.2 7.3 10.9



#20
Pyrene
Concen: 0.332 ng/ul
RT: 19.498 min Scan# 3654
Delta R.T. -0.005 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

Tgt Ion:202 Resp: 13992
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.2
100 11.0 8.5 12.7

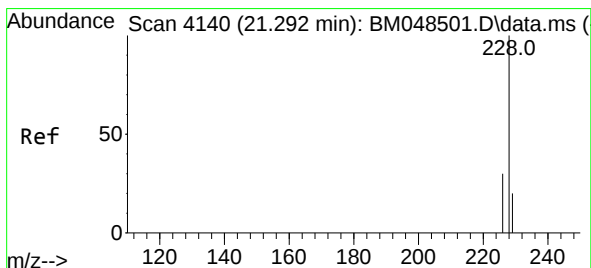
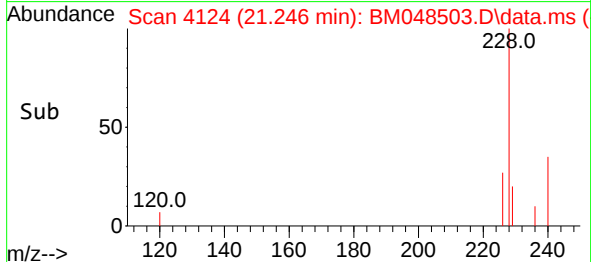
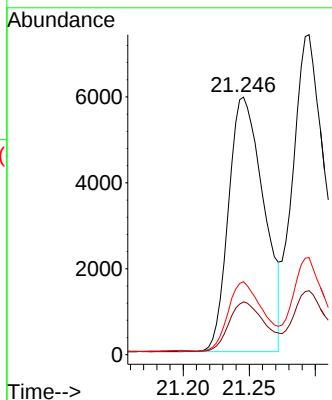
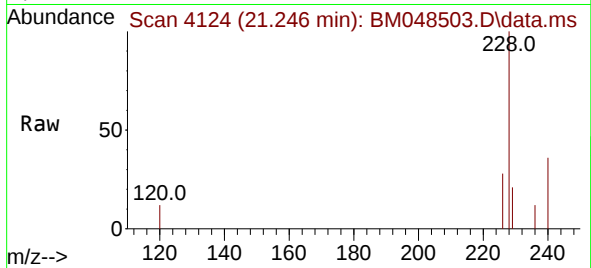




#21
Benzo(a)anthracene
Concen: 0.321 ng/ul
RT: 21.246 min Scan# 4124
Delta R.T. -0.003 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

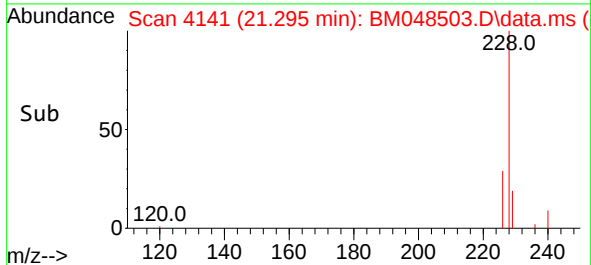
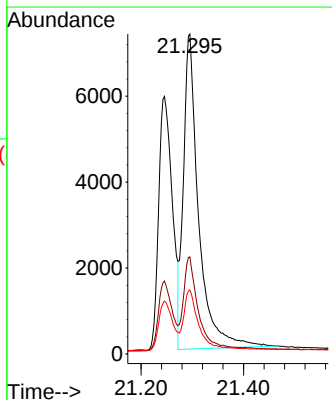
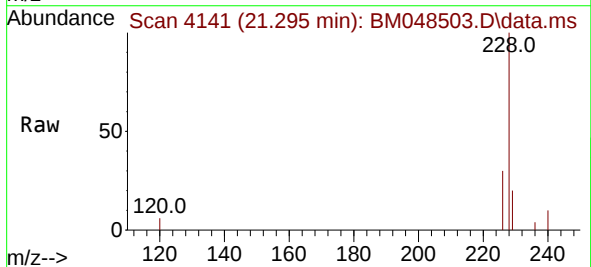
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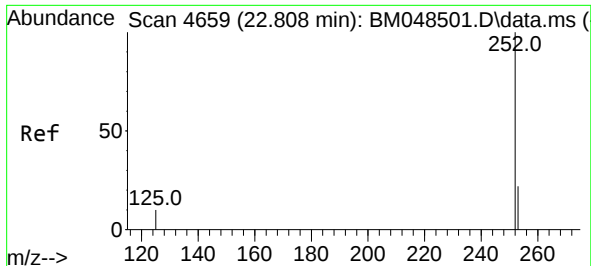
Tgt Ion:228 Resp: 11013
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 28.3 22.1 33.1



#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.295 min Scan# 4141
Delta R.T. -0.006 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

Tgt Ion:228 Resp: 15133
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 20.0 16.5 24.7

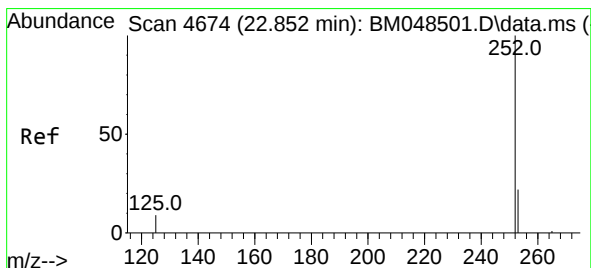
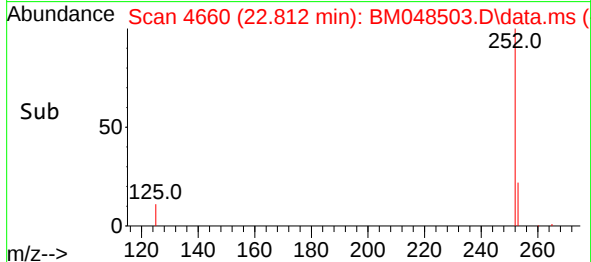
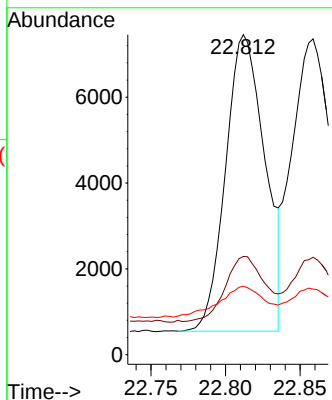
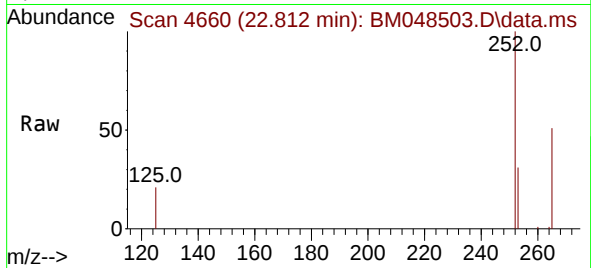




#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 22.812 min Scan# 4660
Delta R.T. -0.012 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

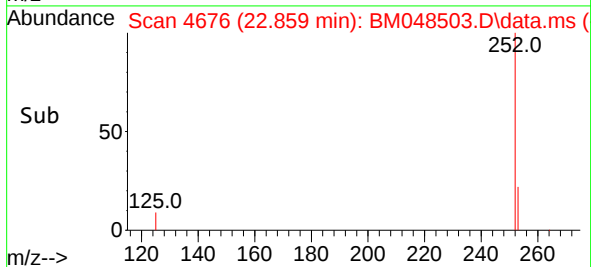
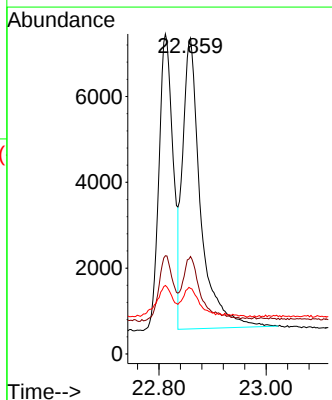
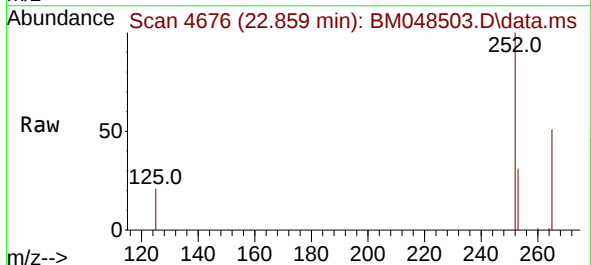
Instrument :
BNA_M
ClientSampleId :
SLCS609

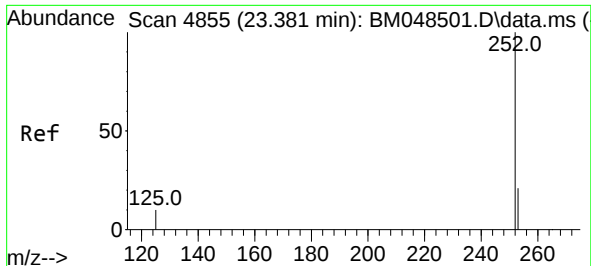
Tgt Ion:252 Resp: 12650
Ion Ratio Lower Upper
252 100
253 30.7 0.0 61.6
125 21.4 0.0 43.2



#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 22.859 min Scan# 4676
Delta R.T. -0.009 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

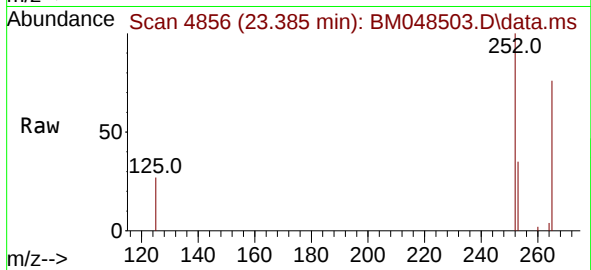
Tgt Ion:252 Resp: 15725
Ion Ratio Lower Upper
252 100
253 30.8 25.0 37.4
125 20.8 17.4 26.0



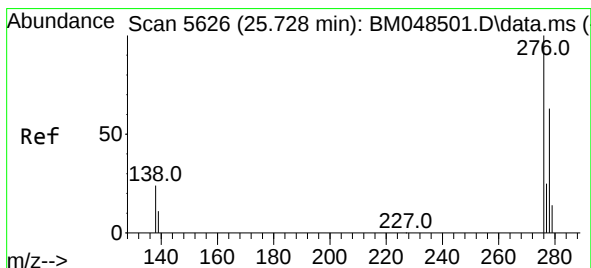
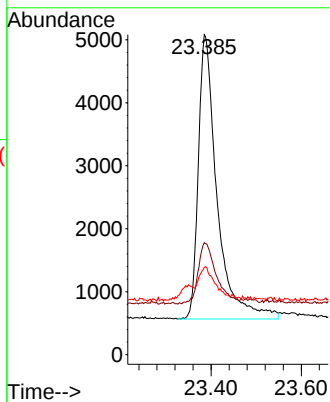
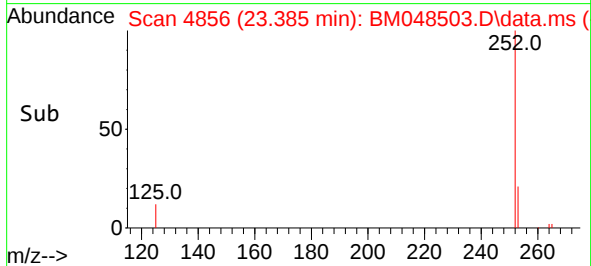


#26
Benzo(a)pyrene
Concen: 0.360 ng/ul
RT: 23.385 min Scan# 4855
Delta R.T. -0.017 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

Instrument :
BNA_M
ClientSampleId :
SLCS609

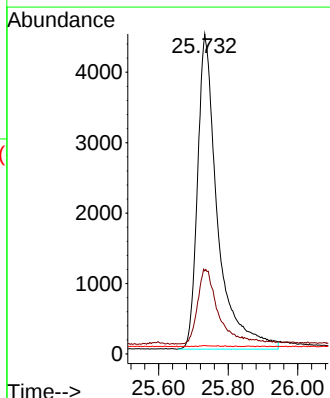
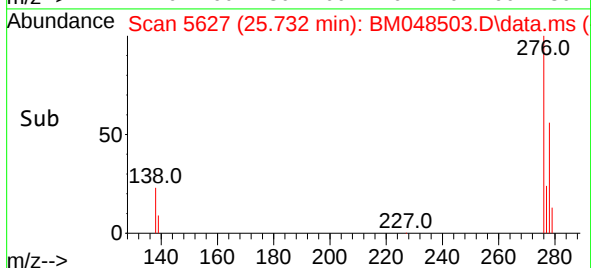
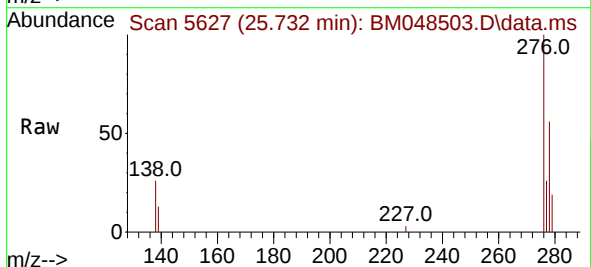


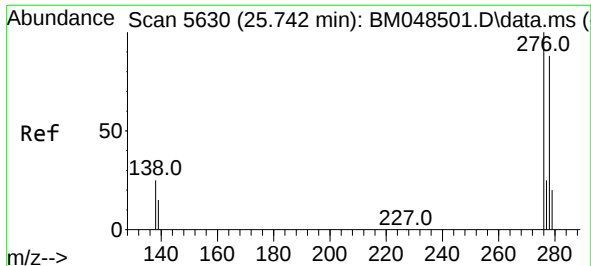
Tgt Ion:252 Resp: 12986
Ion Ratio Lower Upper
252 100
253 35.0 29.6 44.4
125 27.3 23.9 35.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 25.732 min Scan# 5627
Delta R.T. -0.020 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

Tgt Ion:276 Resp: 17912
Ion Ratio Lower Upper
276 100
138 24.6 20.1 30.1
227 0.2 0.1 0.1#

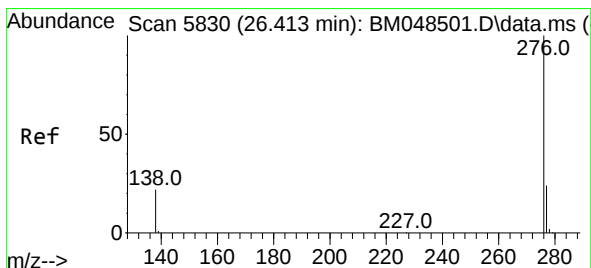
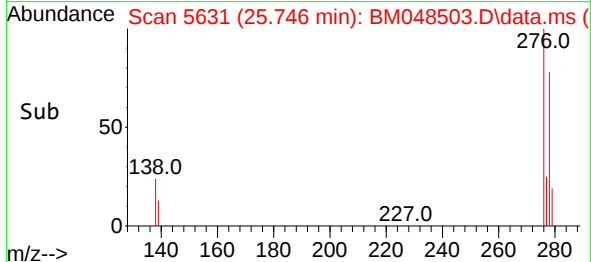
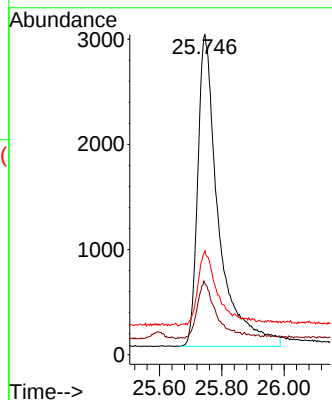
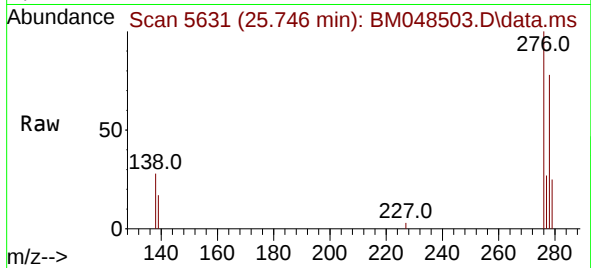




#28
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 25.746 min Scan# 5630
Delta R.T. -0.030 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

Instrument :
BNA_M
ClientSampleId :
SLCS609

Tgt Ion:278 Resp: 13733
Ion Ratio Lower Upper
278 100
139 22.1 17.8 26.8
279 32.5 26.6 39.8



#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 26.417 min Scan# 5831
Delta R.T. -0.027 min
Lab File: BM048503.D
Acq: 07 Nov 2024 09:26

Tgt Ion:276 Resp: 15044
Ion Ratio Lower Upper
276 100
138 24.0 21.0 31.6
277 25.6 20.5 30.7

