

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
 Data File : BM048442.D
 Acq On : 05 Nov 2024 00:29
 Operator : RC/JU
 Sample : PB164575BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS575

Quant Time: Nov 05 01:00:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:17 2024
 Response via : Initial Calibration

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

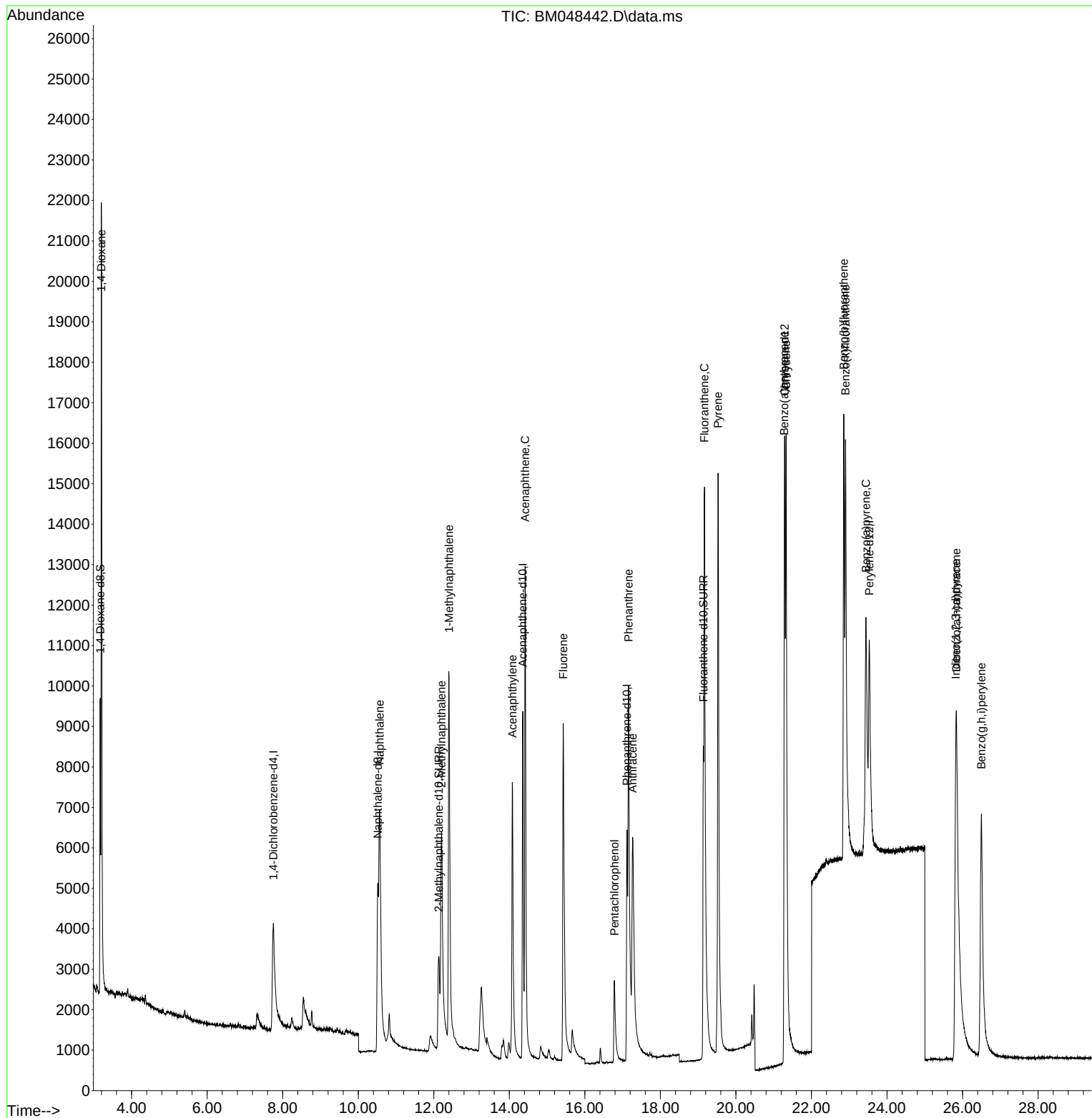
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	3732	0.400	ng/ul	0.00
4) Naphthalene-d8	10.517	136	12853	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.357	164	6966	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.115	188	12683	0.400	ng/ul	0.00
17) Chrysene-d12	21.292	240	10685	0.400	ng/ul	0.00
23) Perylene-d12	23.531	264	10311	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	5027	1.097	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.134	152	7744	0.474	ng/ul	0.00
18) Fluoranthene-d10	19.140	212	15379	0.567	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.198	88	13530	2.721	ng/ul#	81
5) Naphthalene	10.567	128	15555	0.463	ng/ul	99
7) 2-Methylnaphthalene	12.206	142	8927	0.447	ng/ul	100
8) 1-Methylnaphthalene	12.404	142	11350	0.533	ng/ul	99
10) Acenaphthylene	14.080	152	12893	0.479	ng/ul	99
11) Acenaphthene	14.418	153	10299	0.477	ng/ul	98
12) Fluorene	15.426	166	11212	0.467	ng/ul	100
14) Pentachlorophenol	16.781	266	2930	0.830	ng/ul	94
15) Phenanthrene	17.157	178	15581	0.494	ng/ul	100
16) Anthracene	17.267	178	13843	0.469	ng/ul	99
19) Fluoranthene	19.168	202	20038	0.544	ng/ul	99
20) Pyrene	19.526	202	21486	0.543	ng/ul	98
21) Benzo(a)anthracene	21.284	228	14084	0.440	ng/ul	100
22) Chrysene	21.327	228	23977	0.544	ng/ul	100
24) Benzo(b)fluoranthene	22.856	252	17171	0.487	ng/ul	98
25) Benzo(k)fluoranthene	22.903	252	22379	0.536	ng/ul	99
26) Benzo(a)pyrene	23.440	252	16725	0.505	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.826	276	22058	0.477	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.840	278	17104	0.474	ng/ul	98
29) Benzo(g,h,i)perylene	26.500	276	19321	0.495	ng/ul	99

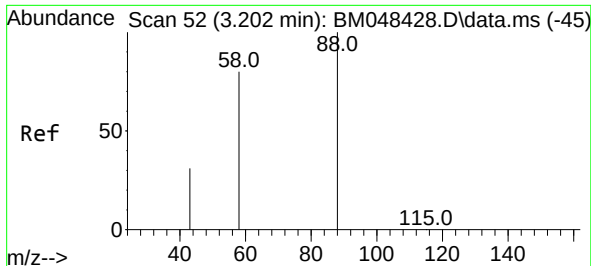
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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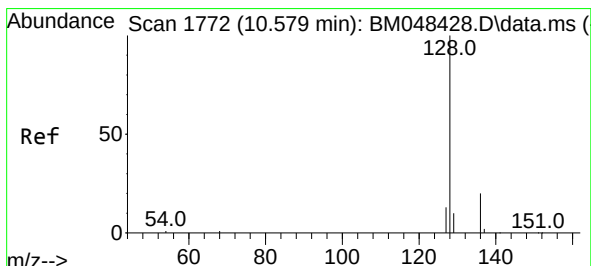
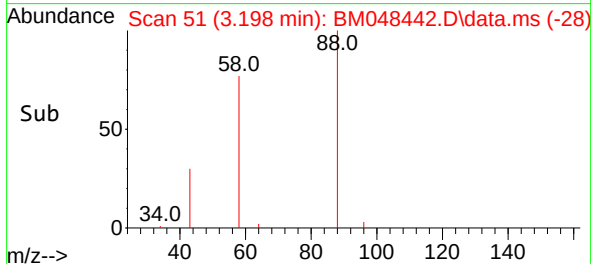
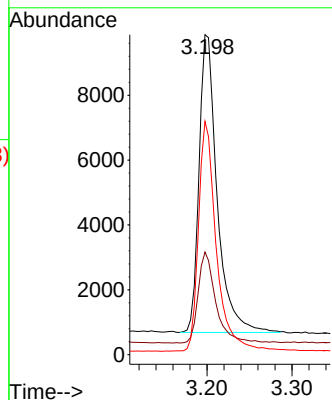
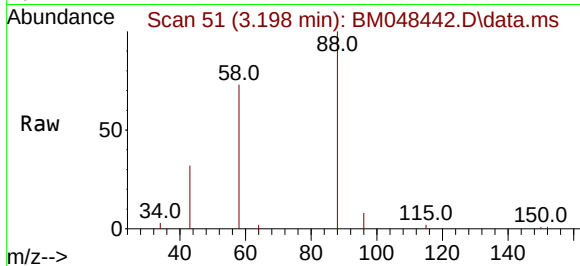




#2
1,4-Dioxane
Concen: 2.721 ng/ul
RT: 3.198 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048442.D
Acq: 05 Nov 2024 00:29

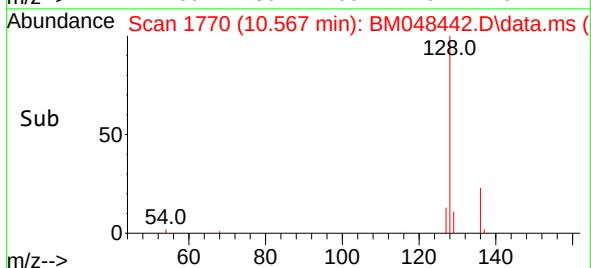
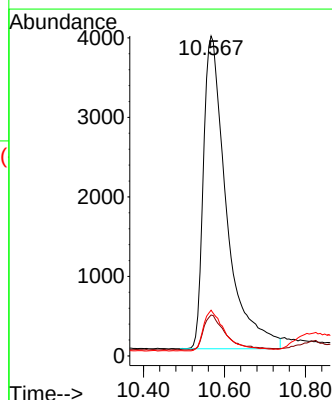
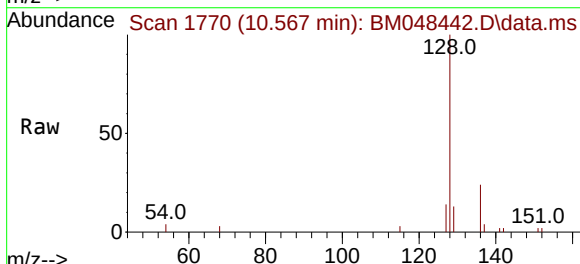
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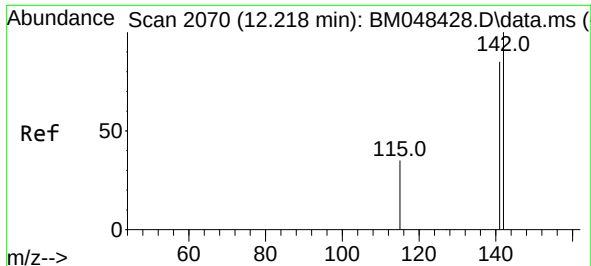
Tgt Ion: 88 Resp: 13530
Ion Ratio Lower Upper
88 100
43 32.0 36.2 54.4#
58 72.9 47.4 71.0#



#5
Naphthalene
Concen: 0.463 ng/ul
RT: 10.567 min Scan# 1770
Delta R.T. -0.012 min
Lab File: BM048442.D
Acq: 05 Nov 2024 00:29

Tgt Ion: 128 Resp: 15555
Ion Ratio Lower Upper
128 100
129 12.8 10.6 15.8
127 14.3 11.4 17.2

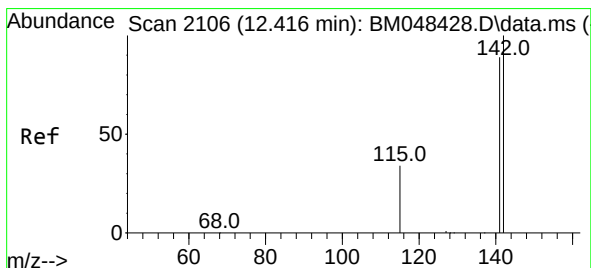
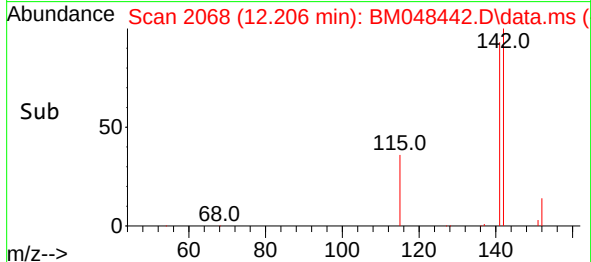
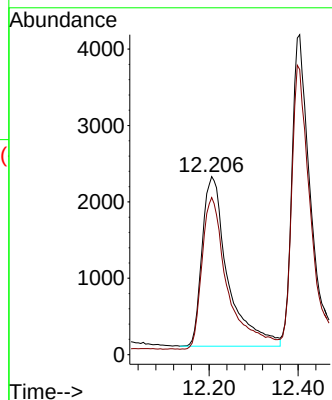
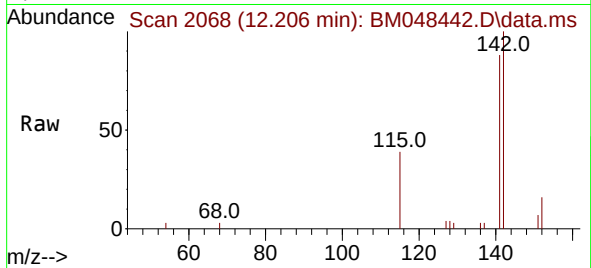




#7
2-Methylnaphthalene
Concen: 0.447 ng/ul
RT: 12.206 min Scan# 2070
Delta R.T. -0.007 min
Lab File: BM048442.D
Acq: 05 Nov 2024 00:29

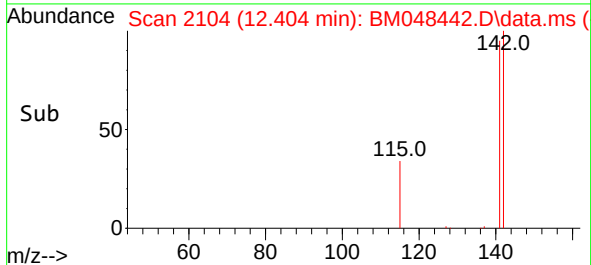
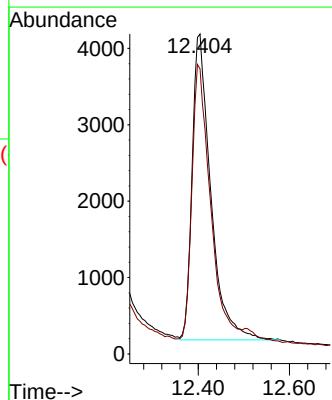
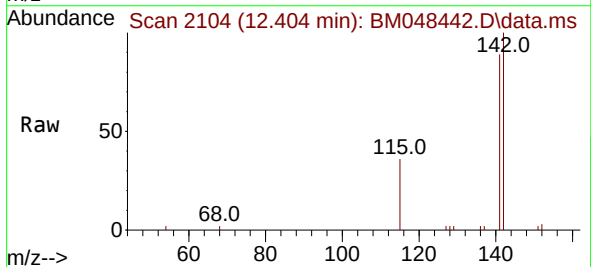
Instrument :
BNA_M
ClientSampleId :
SLCS575

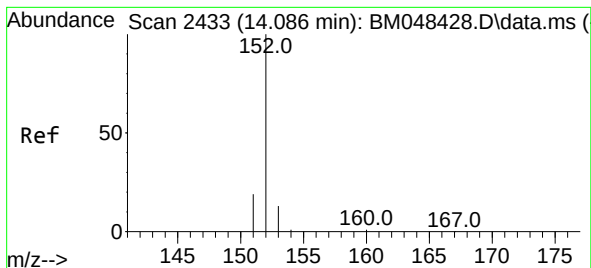
Tgt Ion:142 Resp: 8927
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.533 ng/ul
RT: 12.404 min Scan# 2104
Delta R.T. -0.012 min
Lab File: BM048442.D
Acq: 05 Nov 2024 00:29

Tgt Ion:142 Resp: 11350
Ion Ratio Lower Upper
142 100
141 93.3 75.5 113.3





#10

Acenaphthylene

Concen: 0.479 ng/ul

RT: 14.080 min Scan# 2433

Delta R.T. -0.010 min

Lab File: BM048442.D

Acq: 05 Nov 2024 00:29

Instrument :

BNA_M

ClientSampleId :

SLCS575

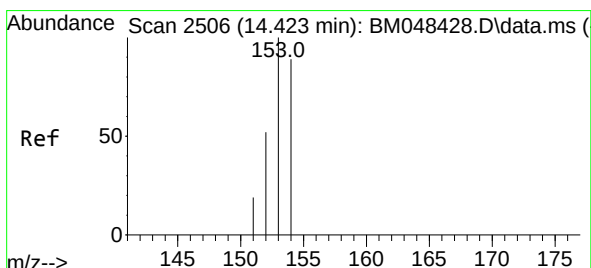
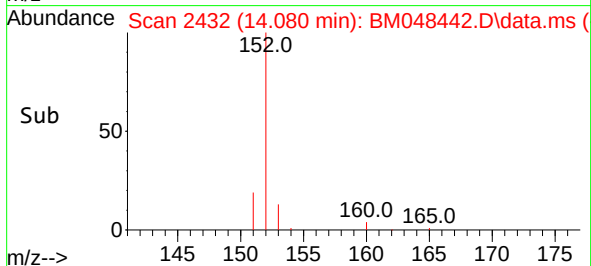
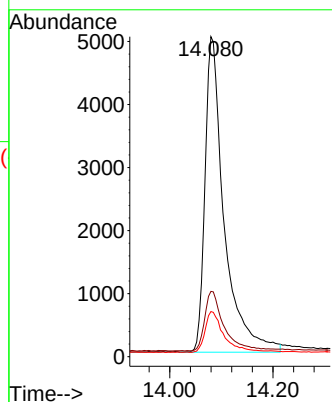
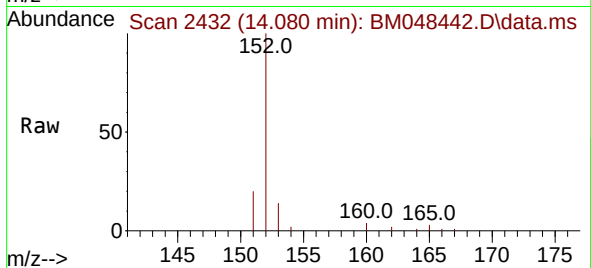
Tgt Ion:152 Resp: 12893

Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8

153 14.1 11.8 17.6



#11

Acenaphthene

Concen: 0.477 ng/ul

RT: 14.418 min Scan# 2505

Delta R.T. -0.010 min

Lab File: BM048442.D

Acq: 05 Nov 2024 00:29

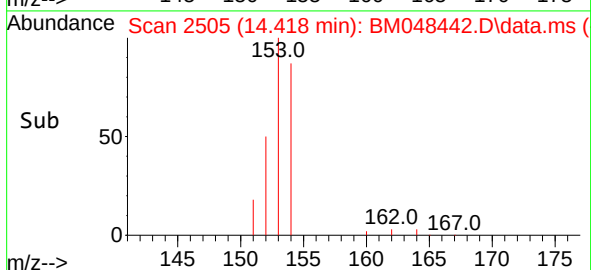
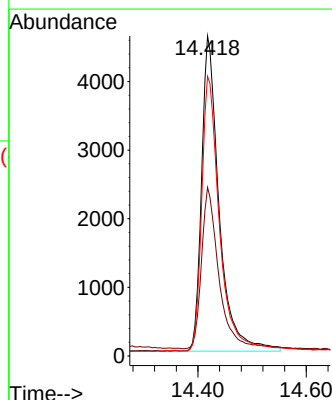
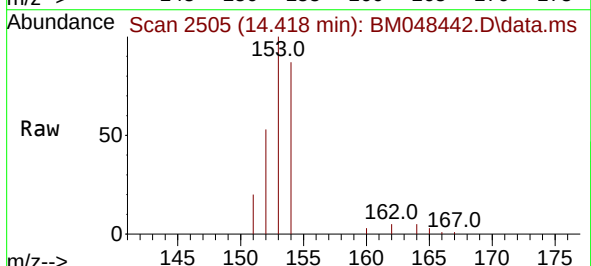
Tgt Ion:153 Resp: 10299

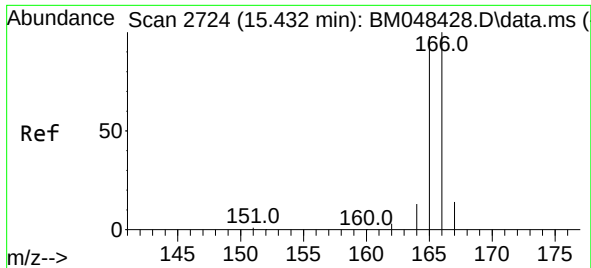
Ion Ratio Lower Upper

153 100

152 52.7 40.7 61.1

154 87.4 70.6 106.0

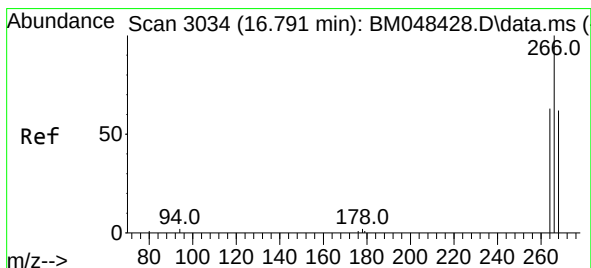
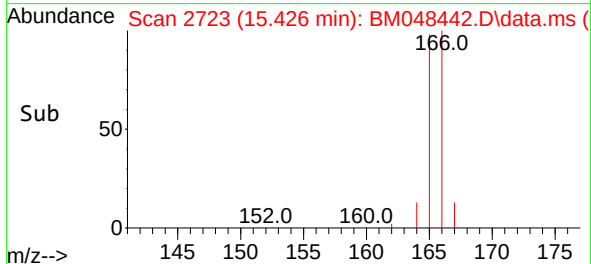
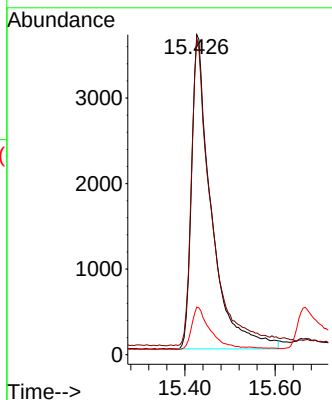
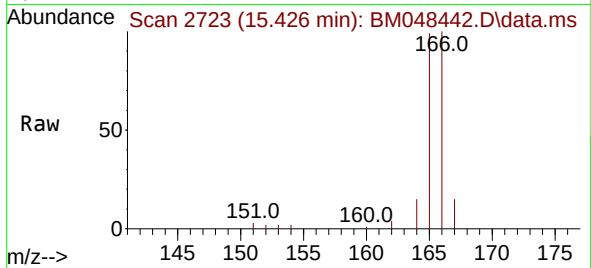




#12
 Fluorene
 Concen: 0.467 ng/ul
 RT: 15.426 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM048442.D
 Acq: 05 Nov 2024 00:29

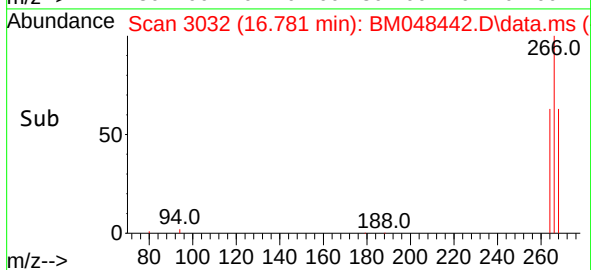
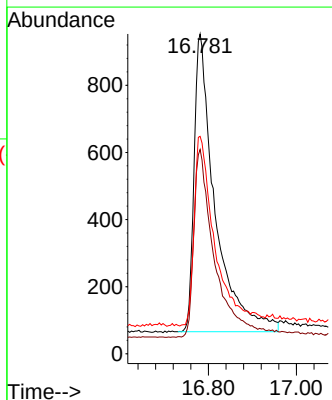
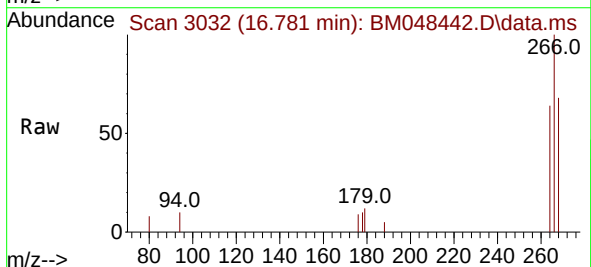
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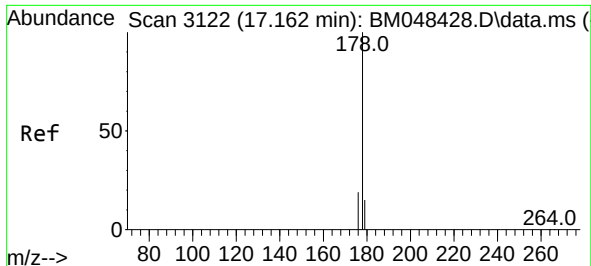
Tgt Ion:166 Resp: 11212
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.6 118.0
 167 14.9 12.1 18.1



#14
 Pentachlorophenol
 Concen: 0.830 ng/ul
 RT: 16.781 min Scan# 3032
 Delta R.T. -0.005 min
 Lab File: BM048442.D
 Acq: 05 Nov 2024 00:29

Tgt Ion:266 Resp: 2930
 Ion Ratio Lower Upper
 266 100
 264 63.6 48.3 72.5
 268 63.9 46.2 69.4

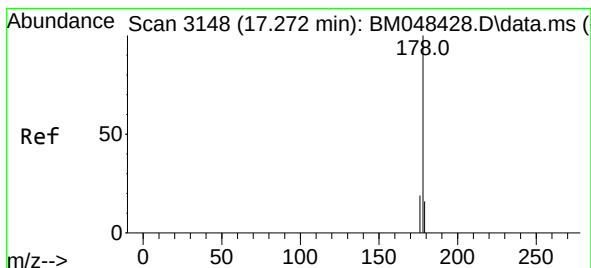
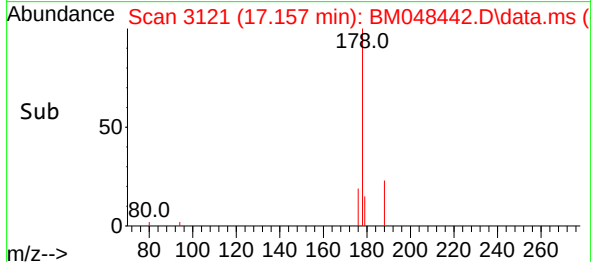
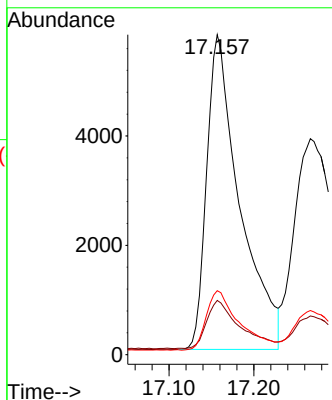
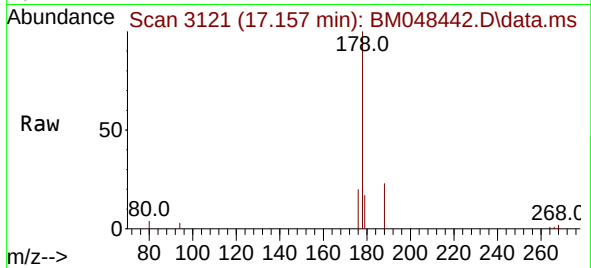




#15
Phenanthrene
Concen: 0.494 ng/ul
RT: 17.157 min Scan# 3121
Delta R.T. -0.001 min
Lab File: BM048442.D
Acq: 05 Nov 2024 00:29

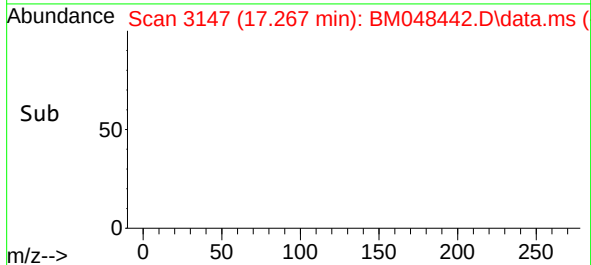
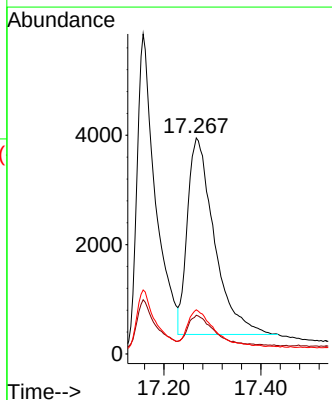
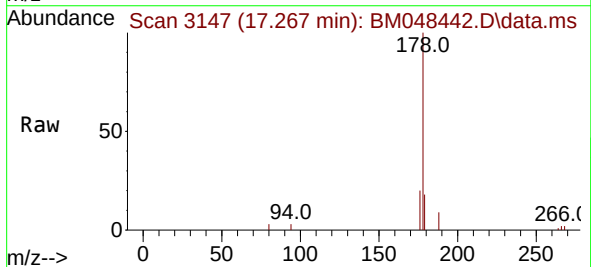
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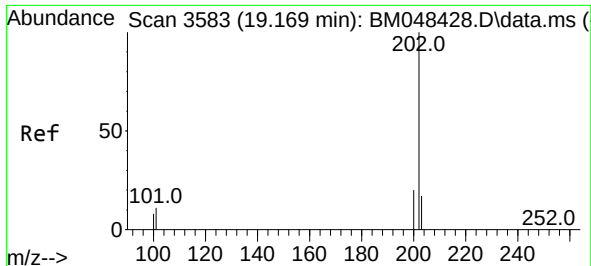
Tgt Ion:	178	Resp:	15581
Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.9	20.9
176	20.0	16.0	24.0



#16
Anthracene
Concen: 0.469 ng/ul
RT: 17.267 min Scan# 3147
Delta R.T. 0.007 min
Lab File: BM048442.D
Acq: 05 Nov 2024 00:29

Tgt Ion:	178	Resp:	13843
Ion	Ratio	Lower	Upper
178	100		
179	17.9	14.2	21.2
176	20.5	15.8	23.6

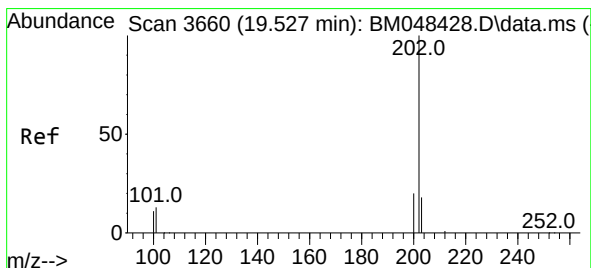
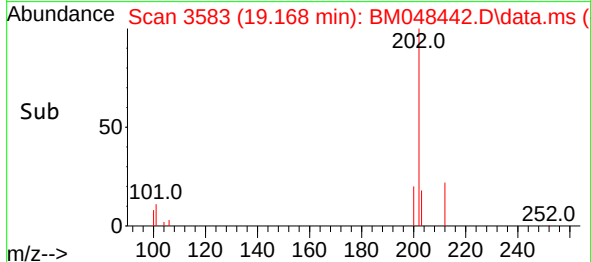
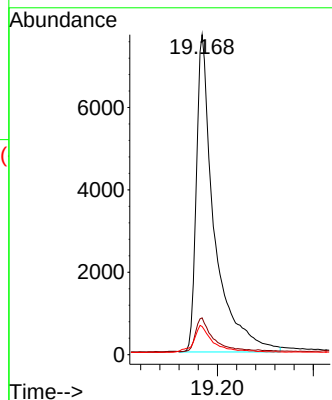
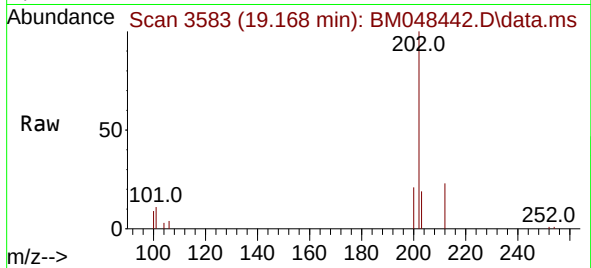




#19
Fluoranthene
Concen: 0.544 ng/ul
RT: 19.168 min Scan# 31
Delta R.T. -0.001 min
Lab File: BM048442.D
Acq: 05 Nov 2024 00:29

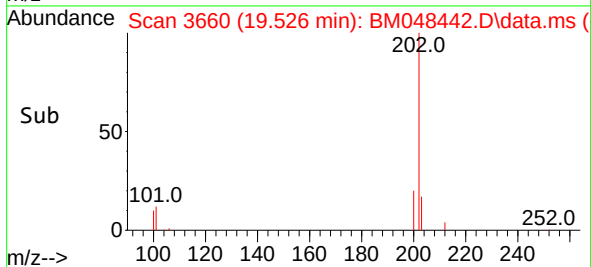
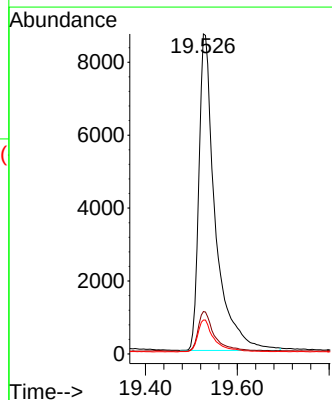
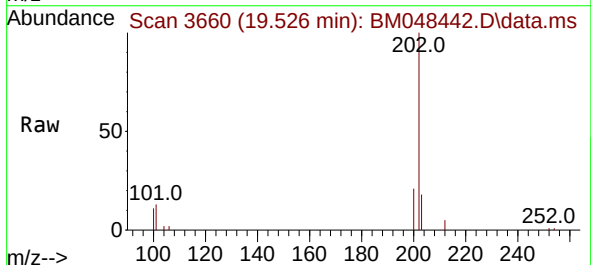
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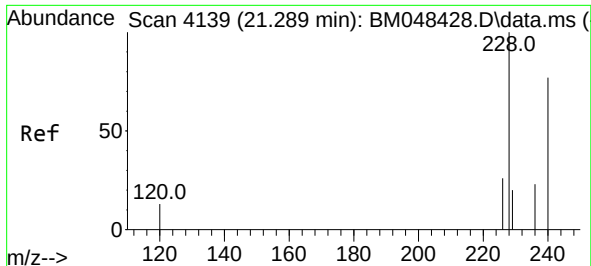
Tgt Ion:202 Resp: 20038
Ion Ratio Lower Upper
202 100
101 11.5 9.0 13.4
100 8.8 6.6 10.0



#20
Pyrene
Concen: 0.543 ng/ul
RT: 19.526 min Scan# 3660
Delta R.T. -0.006 min
Lab File: BM048442.D
Acq: 05 Nov 2024 00:29

Tgt Ion:202 Resp: 21486
Ion Ratio Lower Upper
202 100
101 13.2 10.0 15.0
100 10.6 8.0 12.0

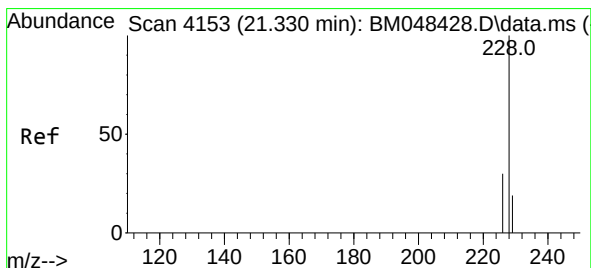
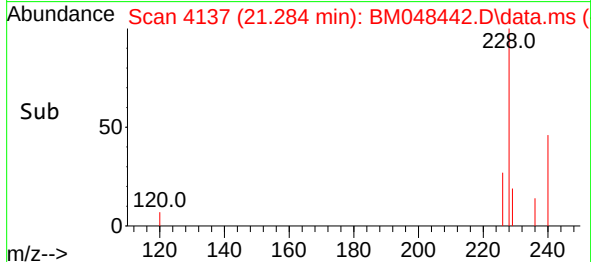
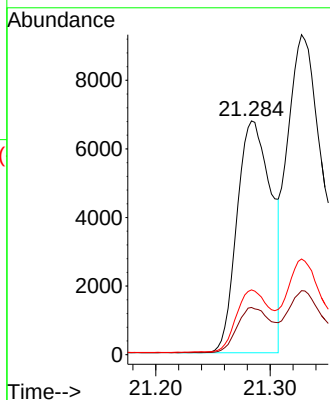
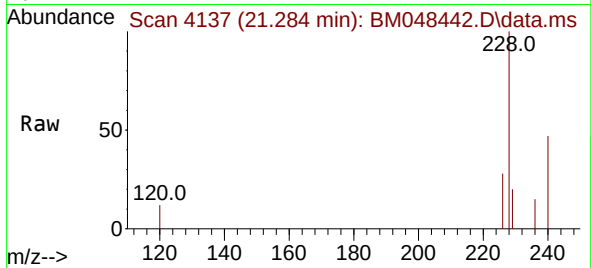




#21
Benzo(a)anthracene
Concen: 0.440 ng/ul
RT: 21.284 min Scan# 4137
Delta R.T. 0.003 min
Lab File: BM048442.D
Acq: 05 Nov 2024 00:29

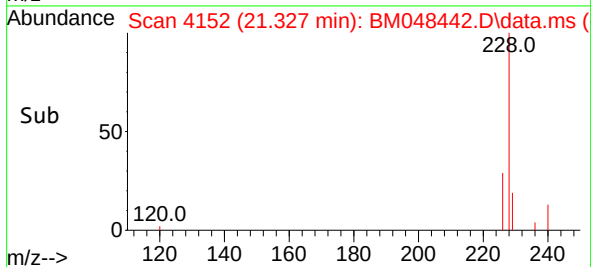
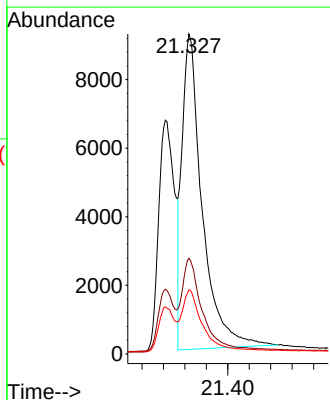
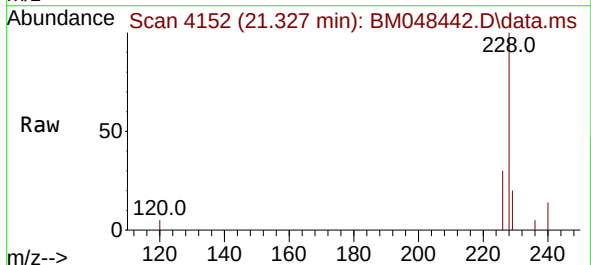
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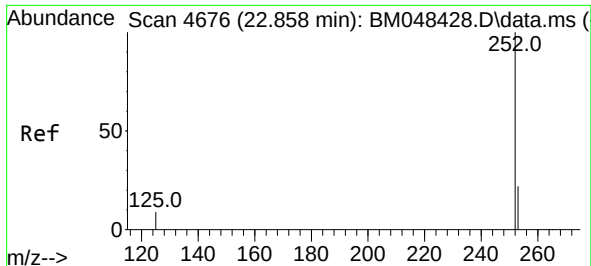
Tgt Ion:228 Resp: 14084
Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.544 ng/ul
RT: 21.327 min Scan# 4152
Delta R.T. 0.001 min
Lab File: BM048442.D
Acq: 05 Nov 2024 00:29

Tgt Ion:228 Resp: 23977
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 20.0 15.9 23.9

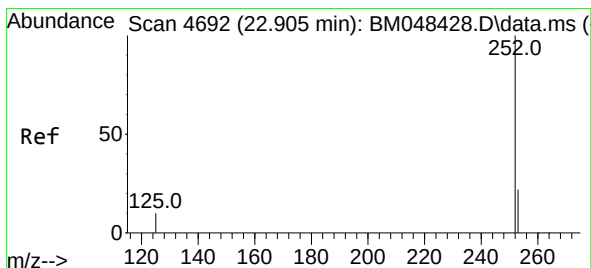
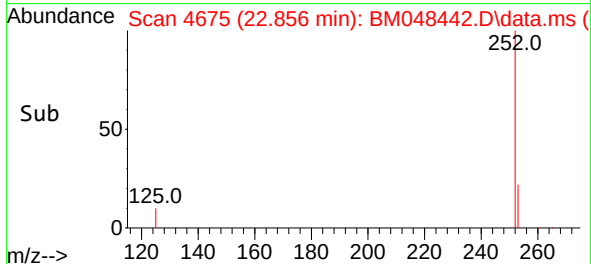
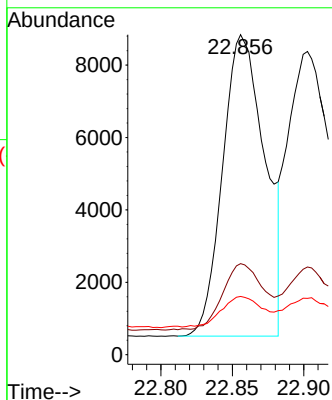
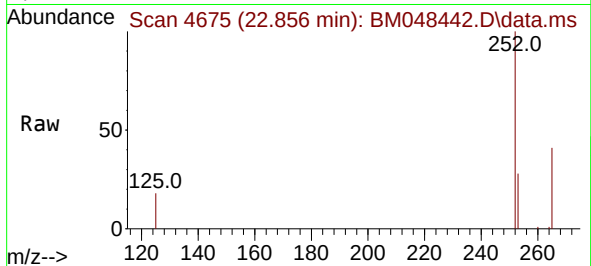




#24
Benzo(b)fluoranthene
Concen: 0.487 ng/ul
RT: 22.856 min Scan# 4675
Delta R.T. -0.005 min
Lab File: BM048442.D
Acq: 05 Nov 2024 00:29

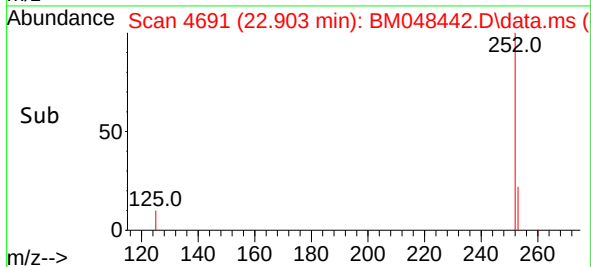
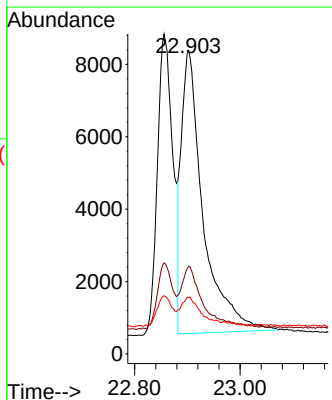
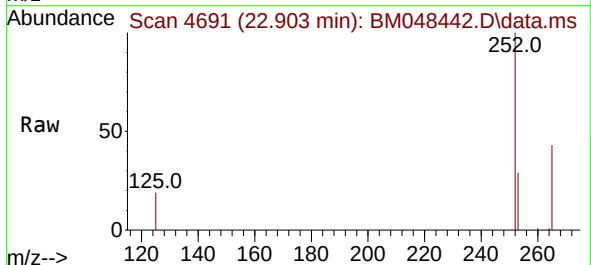
Instrument :
BNA_M
ClientSampleId :
SLCS575

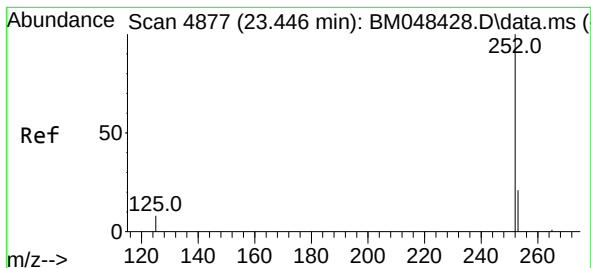
Tgt Ion:252 Resp: 17171
Ion Ratio Lower Upper
252 100
253 28.5 0.0 59.4
125 18.2 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.536 ng/ul
RT: 22.903 min Scan# 4691
Delta R.T. -0.002 min
Lab File: BM048442.D
Acq: 05 Nov 2024 00:29

Tgt Ion:252 Resp: 22379
Ion Ratio Lower Upper
252 100
253 28.9 23.4 35.0
125 18.6 15.3 22.9





#26

Benzo(a)pyrene

Concen: 0.505 ng/ul

RT: 23.440 min Scan# 4877

Delta R.T. 0.001 min

Lab File: BM048442.D

Acq: 05 Nov 2024 00:29

Instrument :

BNA_M

ClientSampleId :

SLCS575

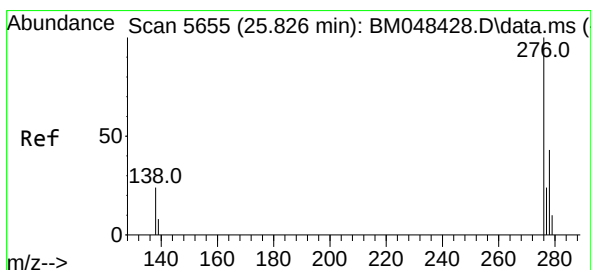
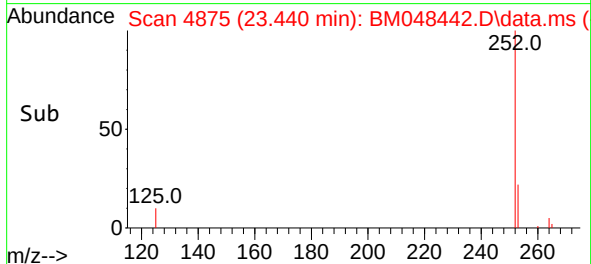
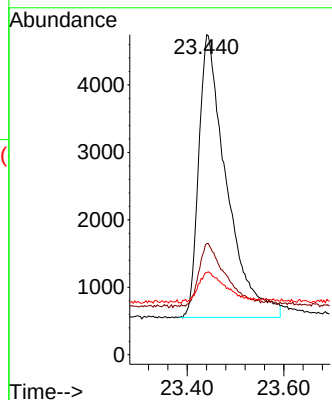
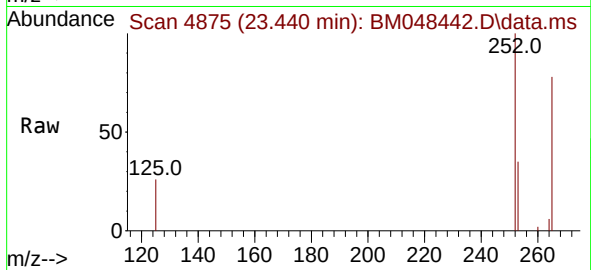
Tgt Ion:252 Resp: 16725

Ion Ratio Lower Upper

252 100

253 34.7 27.7 41.5

125 25.6 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.477 ng/ul

RT: 25.826 min Scan# 5655

Delta R.T. 0.014 min

Lab File: BM048442.D

Acq: 05 Nov 2024 00:29

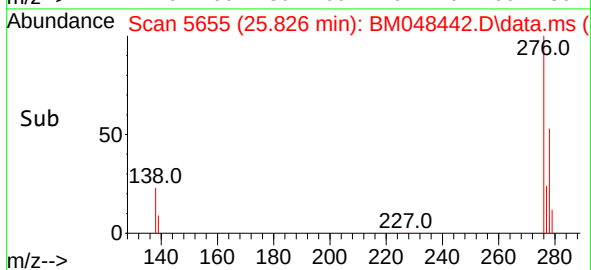
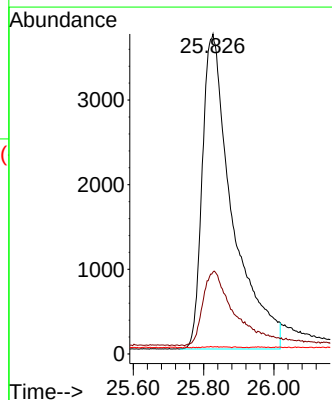
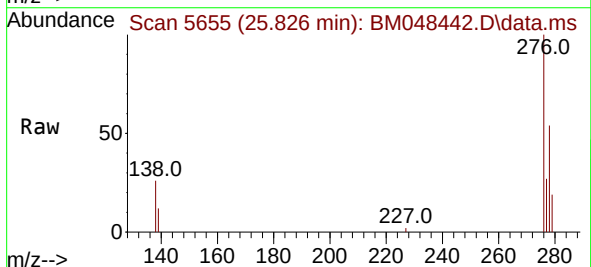
Tgt Ion:276 Resp: 22058

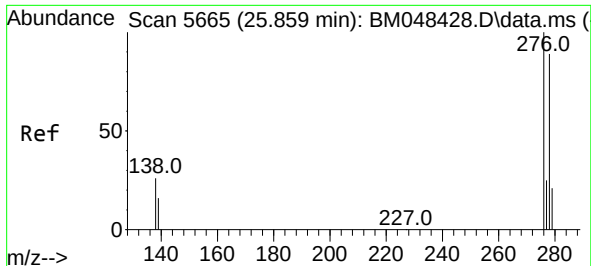
Ion Ratio Lower Upper

276 100

138 25.1 19.6 29.4

227 0.2 0.1 0.1#

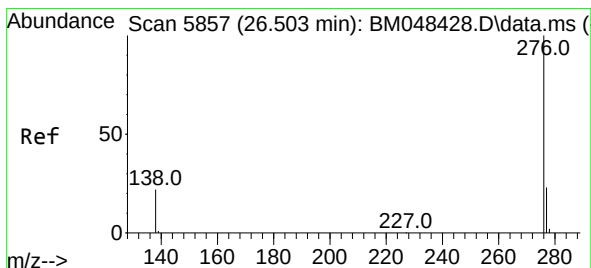
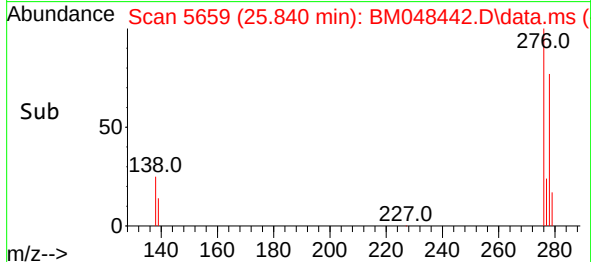
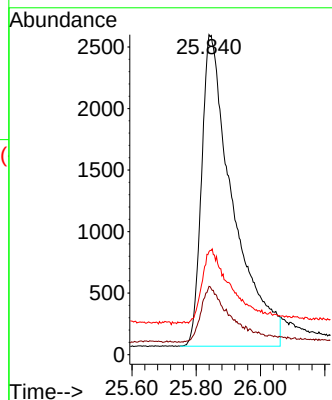
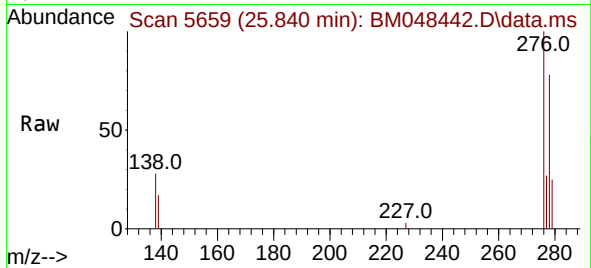




#28
Dibenzo(a,h)anthracene
Concen: 0.474 ng/ul
RT: 25.840 min Scan# 5665
Delta R.T. 0.004 min
Lab File: BM048442.D
Acq: 05 Nov 2024 00:29

Instrument :
BNA_M
ClientSampleId :
SLCS575

Tgt Ion:278 Resp: 17104
Ion Ratio Lower Upper
278 100
139 21.3 15.6 23.4
279 32.2 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.495 ng/ul
RT: 26.500 min Scan# 5856
Delta R.T. 0.001 min
Lab File: BM048442.D
Acq: 05 Nov 2024 00:29

Tgt Ion:276 Resp: 19321
Ion Ratio Lower Upper
276 100
138 24.8 19.0 28.6
277 26.1 20.6 31.0

