

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
 Data File : BM048871.D
 Acq On : 06 Dec 2024 16:56
 Operator : RC/JU
 Sample : PB165412BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS412

Quant Time: Dec 06 16:24:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 00:05:00 2024
 Response via : Initial Calibration

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

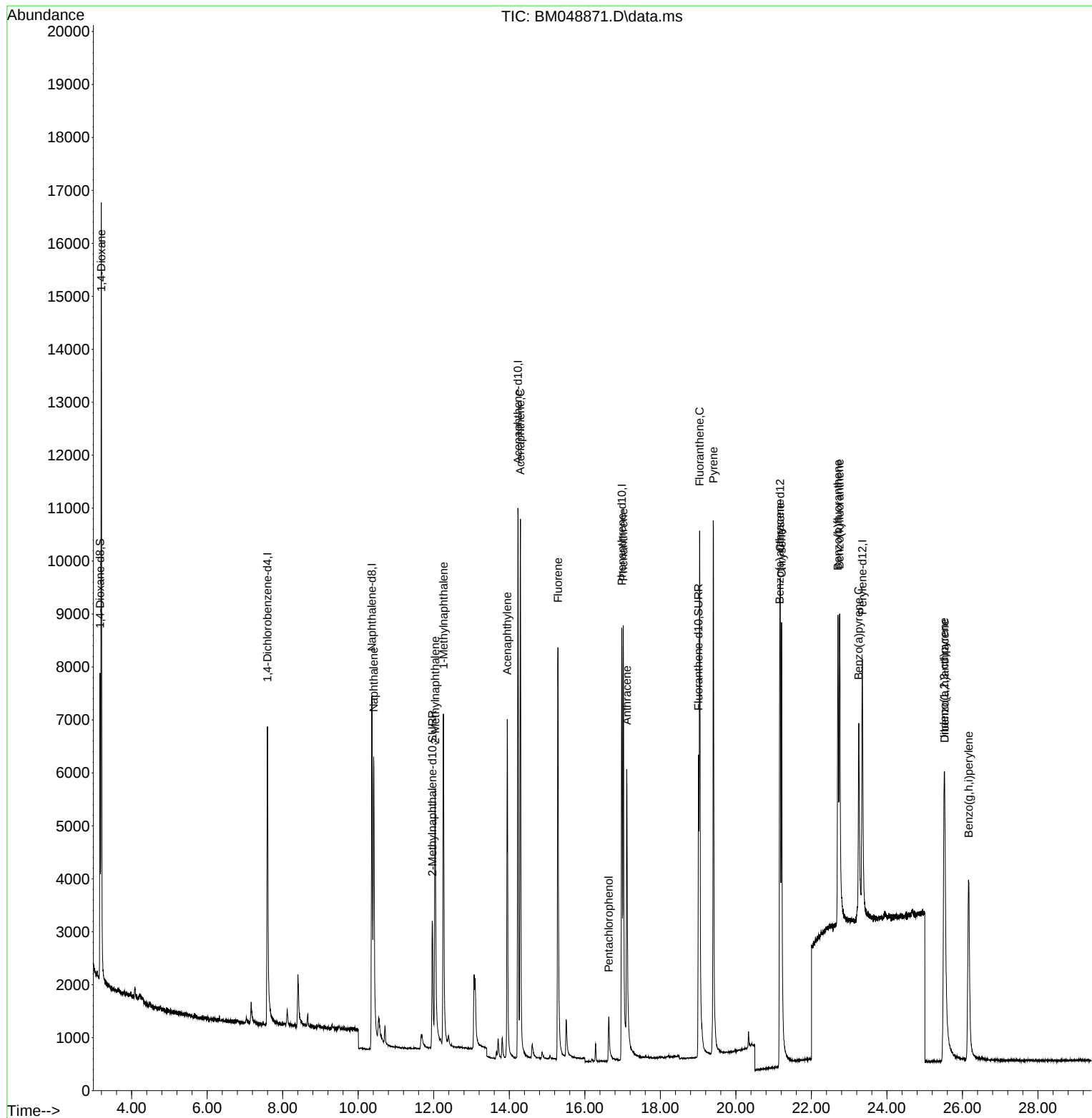
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.594	152	4017	0.400	ng/ul	0.00
4) Naphthalene-d8	10.359	136	11392	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.229	164	6442	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.981	188	11975	0.400	ng/ul	0.00
17) Chrysene-d12	21.175	240	7362	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	7463	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3269	0.637	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.959	152	4717	0.344	ng/ul	0.00
18) Fluoranthene-d10	19.011	212	7905	0.348	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.198	88	9138	1.505	ng/ul#	81
5) Naphthalene	10.409	128	9091	0.316	ng/ul	99
7) 2-Methylnaphthalene	12.036	142	5430	0.326	ng/ul	97
8) 1-Methylnaphthalene	12.256	142	5662	0.322	ng/ul	100
10) Acenaphthylene	13.947	152	8243	0.292	ng/ul	99
11) Acenaphthene	14.294	153	6260	0.307	ng/ul	98
12) Fluorene	15.289	166	6588	0.312	ng/ul	98
14) Pentachlorophenol	16.635	266	978	0.944	ng/ul#	8
15) Phenanthrene	17.019	178	9591	0.316	ng/ul	99
16) Anthracene	17.112	178	8184	0.303	ng/ul	98
19) Fluoranthene	19.039	202	10385	0.307	ng/ul	98
20) Pyrene	19.407	202	10664	0.303	ng/ul	99
21) Benzo(a)anthracene	21.160	228	6773	0.326	ng/ul	99
22) Chrysene	21.210	228	9756	0.297	ng/ul	100
24) Benzo(b)fluoranthene	22.703	252	7845	0.374	ng/ul	99
25) Benzo(k)fluoranthene	22.747	252	9720	0.331	ng/ul	98
26) Benzo(a)pyrene	23.253	252	7161	0.333	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.514	276	9556	0.336	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.531	278	7246	0.341	ng/ul	98
29) Benzo(g,h,i)perylene	26.168	276	8178	0.332	ng/ul	97

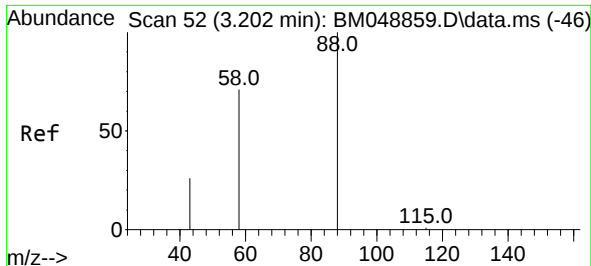
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 00:05:00 2024
Response via : Initial Calibration

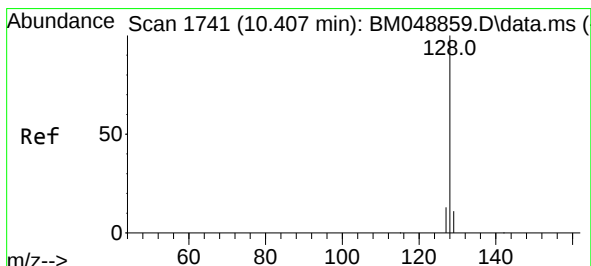
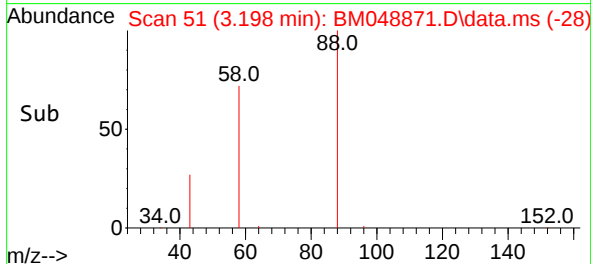
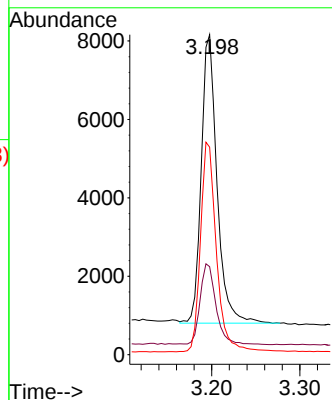
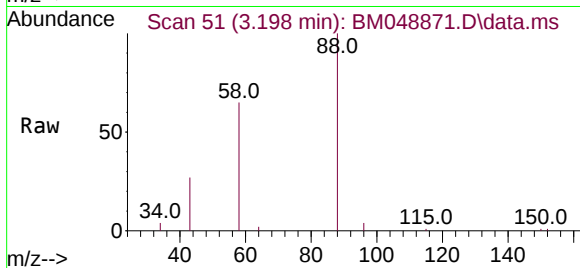




#2
1,4-Dioxane
Concen: 1.505 ng/ul
RT: 3.198 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

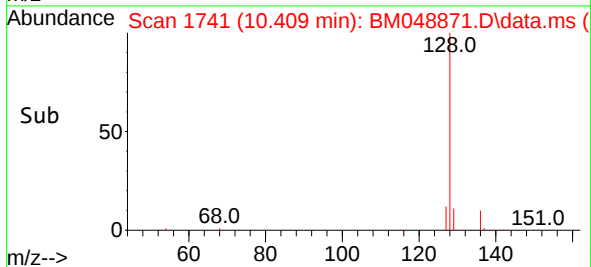
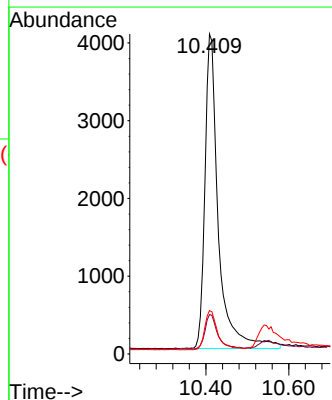
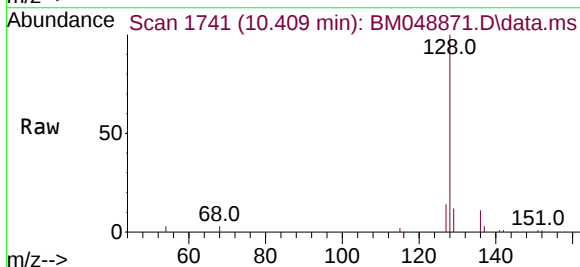
Instrument :
BNA_M
ClientSampleId :
SLCS412

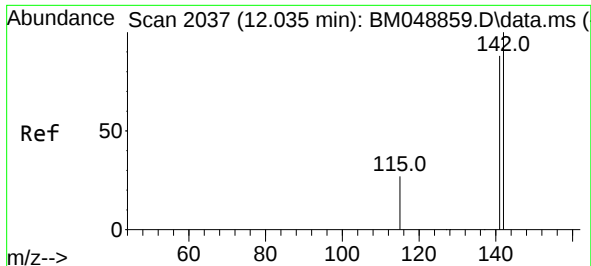
Tgt Ion: 88 Resp: 9138
Ion Ratio Lower Upper
88 100
43 27.5 20.6 30.8
58 64.9 37.6 56.4#



#5
Naphthalene
Concen: 0.316 ng/ul
RT: 10.409 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

Tgt Ion:128 Resp: 9091
Ion Ratio Lower Upper
128 100
129 12.3 9.6 14.4
127 13.6 10.7 16.1

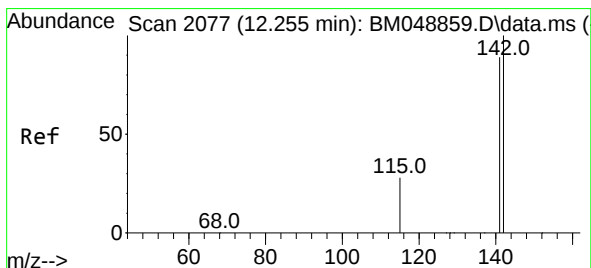
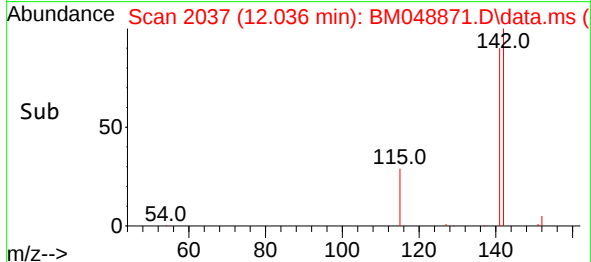
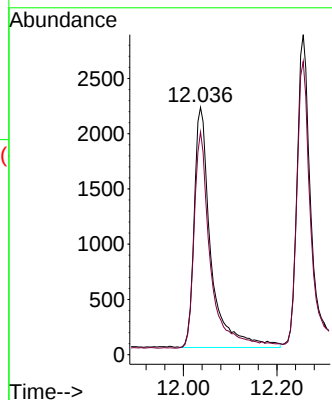
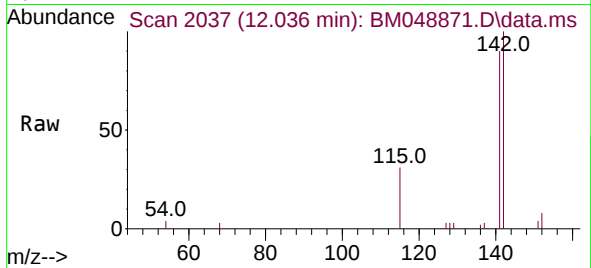




#7
2-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.036 min Scan# 2037
Delta R.T. 0.001 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

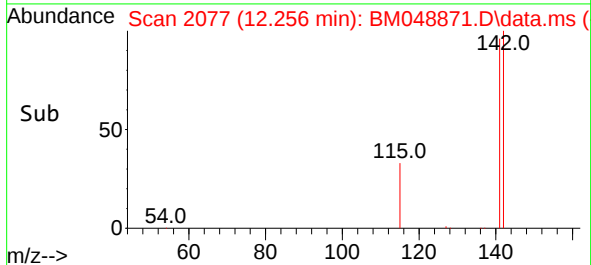
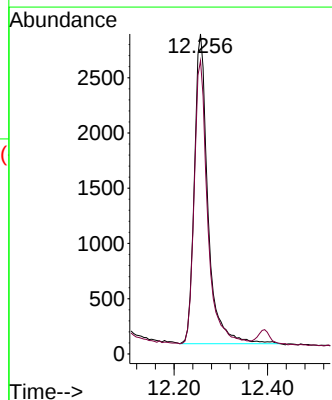
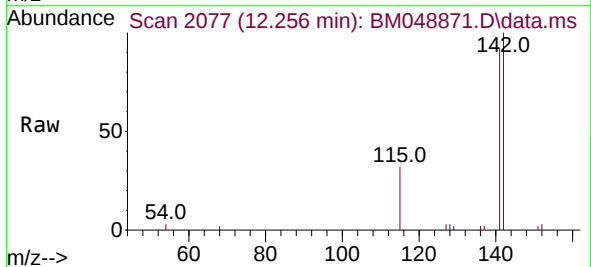
Instrument :
BNA_M
ClientSampleId :
SLCS412

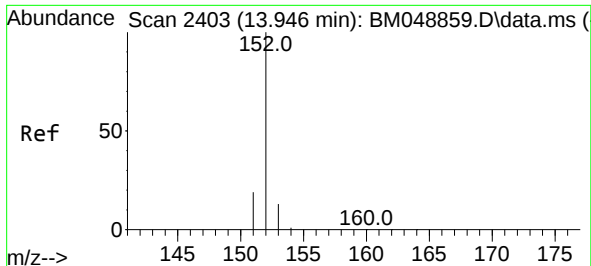
Tgt Ion:142 Resp: 5430
Ion Ratio Lower Upper
142 100
141 88.6 73.0 109.6



#8
1-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.256 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

Tgt Ion:142 Resp: 5662
Ion Ratio Lower Upper
142 100
141 90.5 72.5 108.7

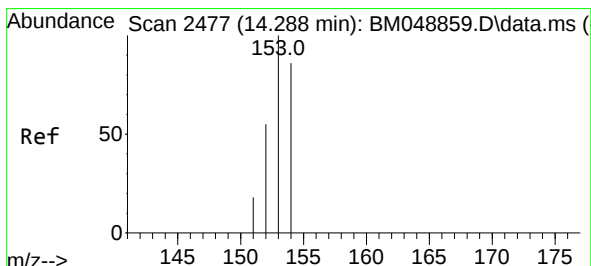
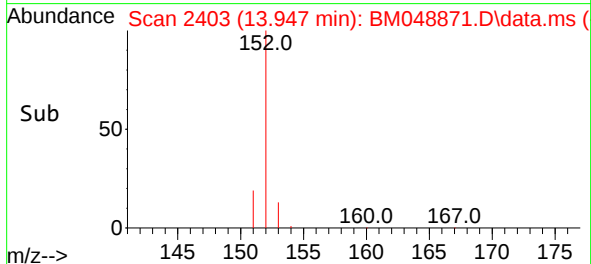
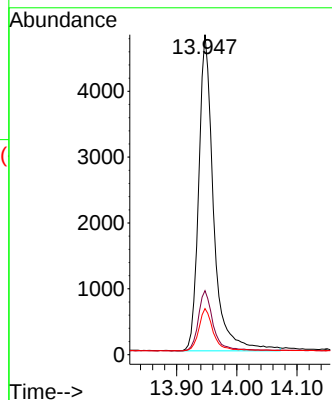
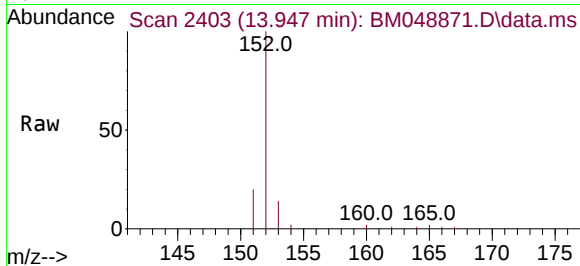




#10
Acenaphthylene
Concen: 0.292 ng/ul
RT: 13.947 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

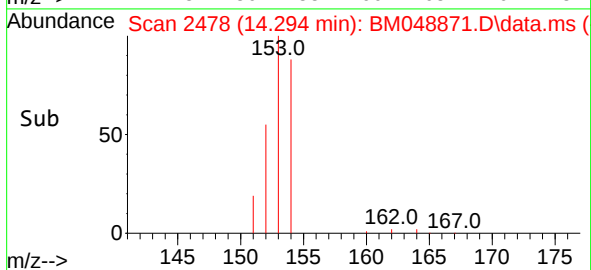
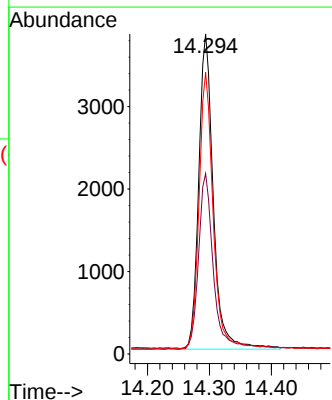
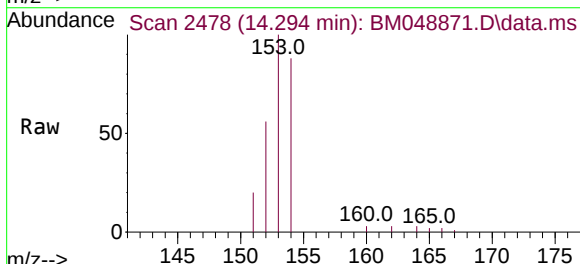
Instrument :
BNA_M
ClientSampleId :
SLCS412

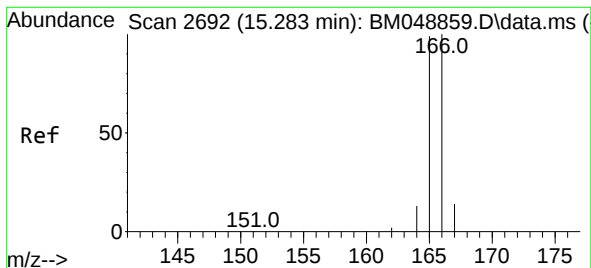
Tgt Ion:152 Resp: 8243
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 14.4 11.7 17.5



#11
Acenaphthene
Concen: 0.307 ng/ul
RT: 14.294 min Scan# 2478
Delta R.T. 0.001 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

Tgt Ion:153 Resp: 6260
Ion Ratio Lower Upper
153 100
152 56.4 46.5 69.7
154 88.0 68.7 103.1





#12

Fluorene

Concen: 0.312 ng/ul

RT: 15.289 min Scan# 2

Delta R.T. 0.001 min

Lab File: BM048871.D

Acq: 06 Dec 2024 16:56

Instrument :

BNA_M

ClientSampleId :

SLCS412

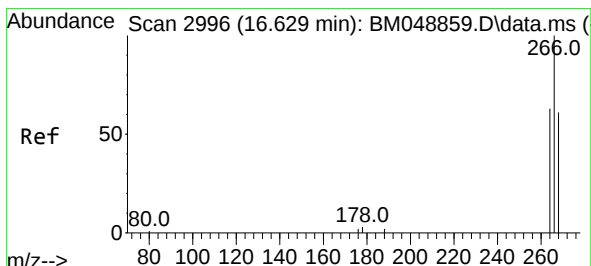
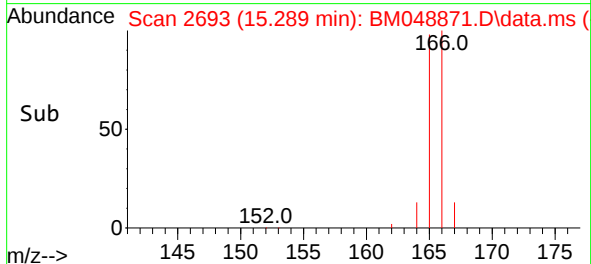
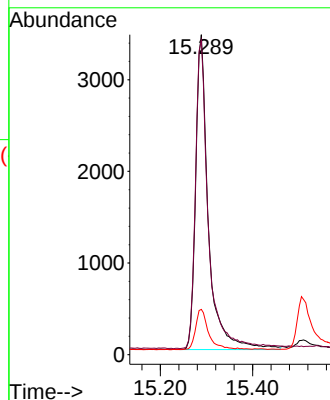
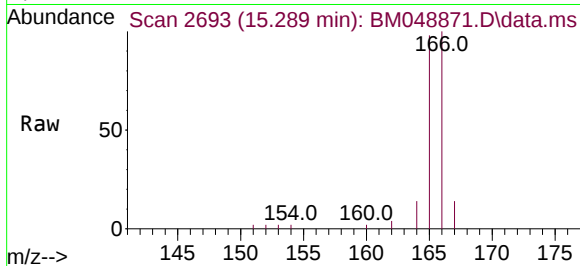
Tgt Ion:166 Resp: 6588

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.6

167 14.1 12.2 18.2



#14

Pentachlorophenol

Concen: 0.944 ng/ul

RT: 16.635 min Scan# 2997

Delta R.T. 0.001 min

Lab File: BM048871.D

Acq: 06 Dec 2024 16:56

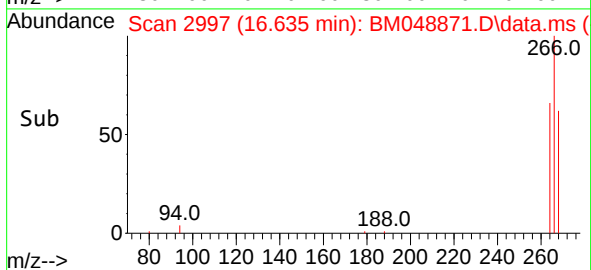
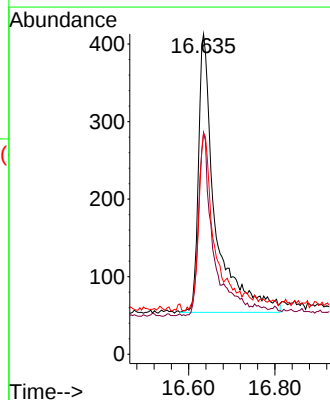
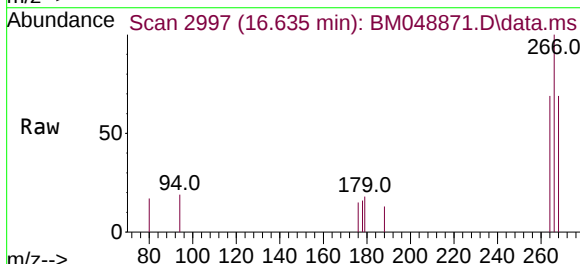
Tgt Ion:266 Resp: 978

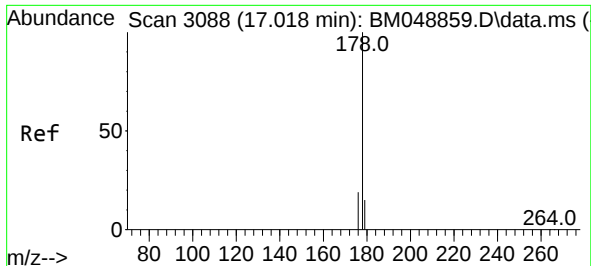
Ion Ratio Lower Upper

266 100

264 60.5 15.3 22.9#

268 66.1 0.0 0.0#

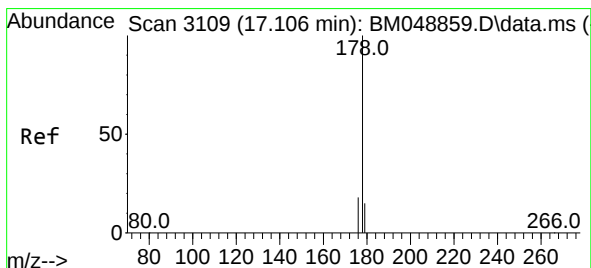
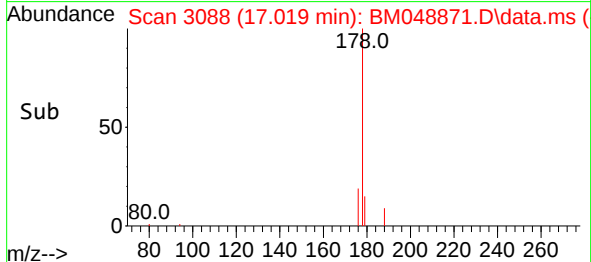
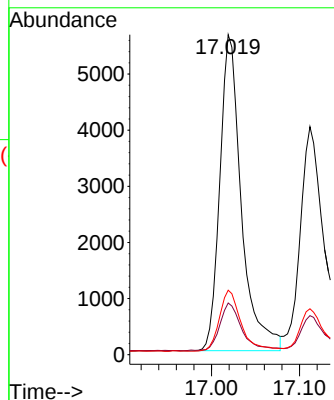
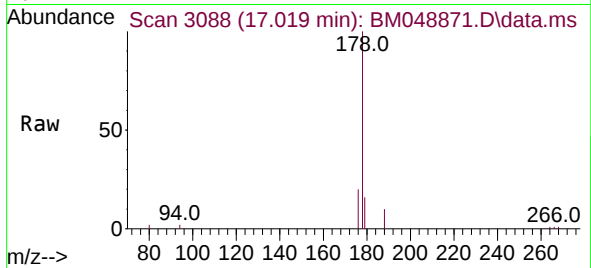




#15
Phenanthrene
Concen: 0.316 ng/ul
RT: 17.019 min Scan# 3088
Delta R.T. 0.001 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

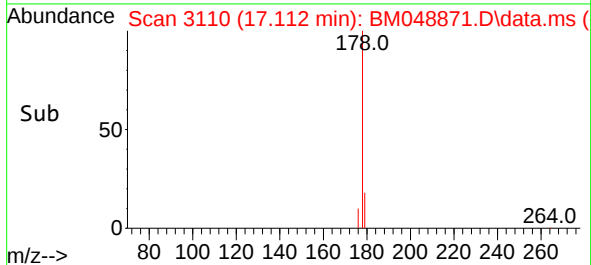
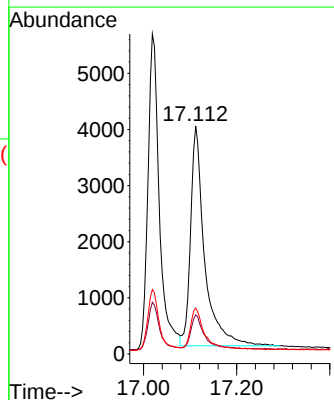
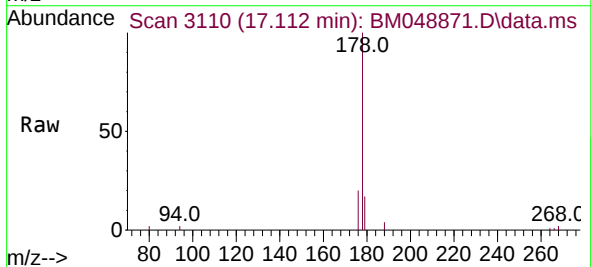
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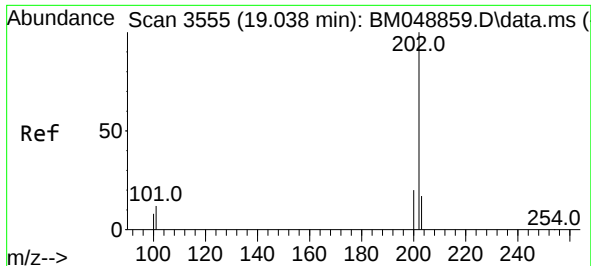
Tgt Ion:178 Resp: 9591
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.0
176 20.2 16.2 24.4



#16
Anthracene
Concen: 0.303 ng/ul
RT: 17.112 min Scan# 3110
Delta R.T. 0.001 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

Tgt Ion:178 Resp: 8184
Ion Ratio Lower Upper
178 100
179 17.1 14.0 21.0
176 20.1 17.0 25.4

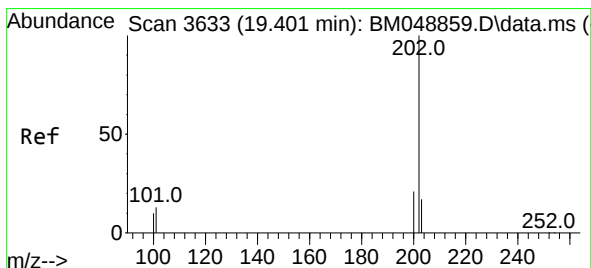
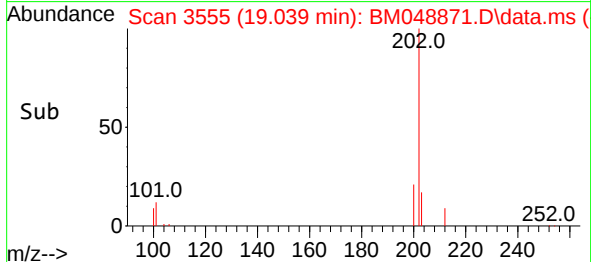
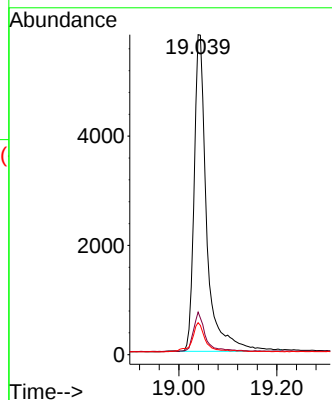
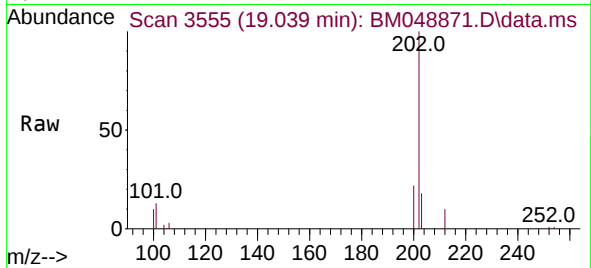




#19
Fluoranthene
Concen: 0.307 ng/ul
RT: 19.039 min Scan# 3555
Delta R.T. -0.003 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

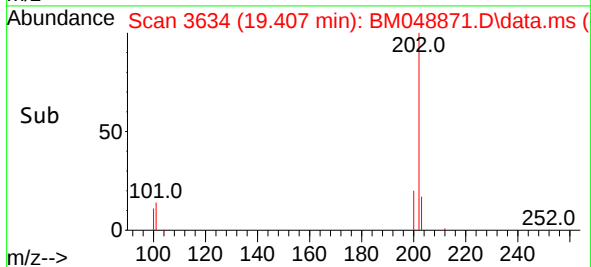
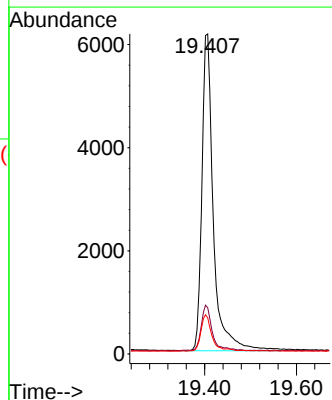
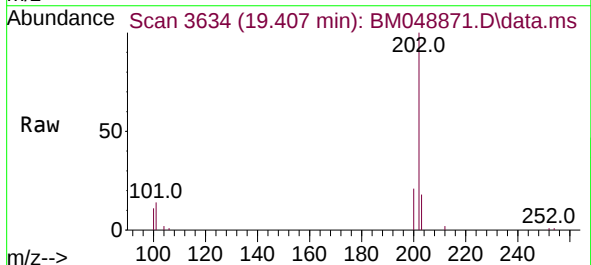
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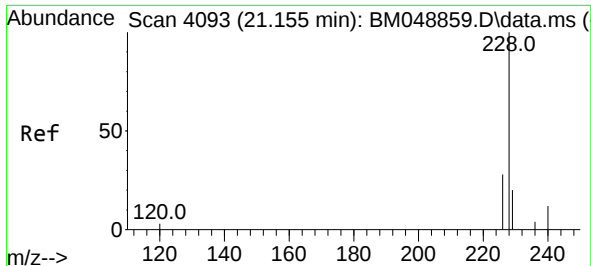
Tgt Ion:202 Resp: 10385
Ion Ratio Lower Upper
202 100
101 13.3 9.7 14.5
100 10.0 7.5 11.3



#20
Pyrene
Concen: 0.303 ng/ul
RT: 19.407 min Scan# 3634
Delta R.T. 0.006 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

Tgt Ion:202 Resp: 10664
Ion Ratio Lower Upper
202 100
101 14.4 11.6 17.4
100 11.3 9.4 14.0

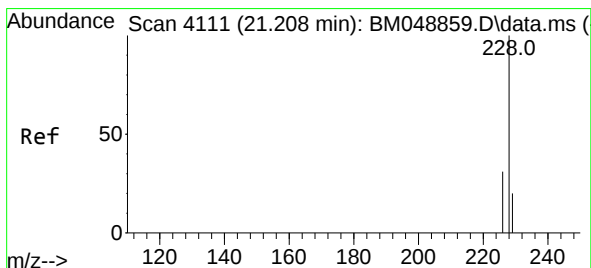
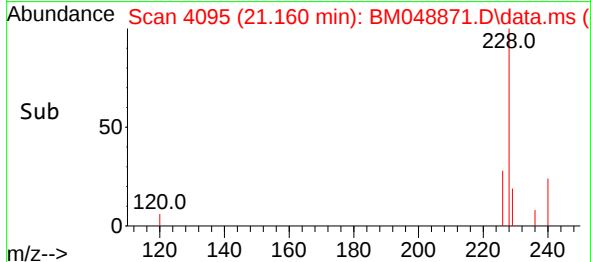
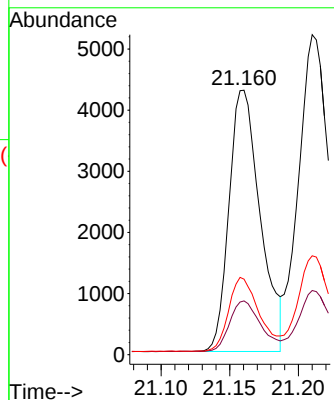
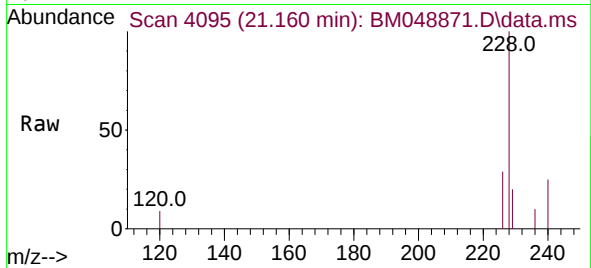




#21
Benzo(a)anthracene
Concen: 0.326 ng/ul
RT: 21.160 min Scan# 4095
Delta R.T. 0.003 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

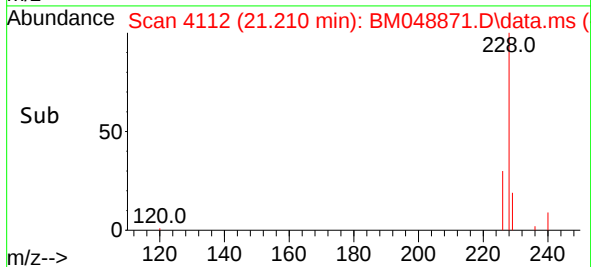
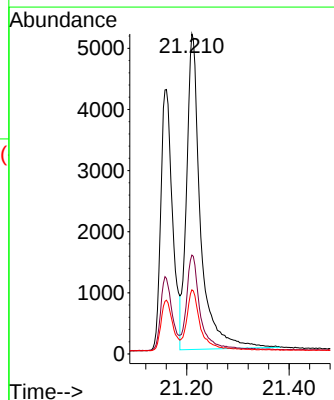
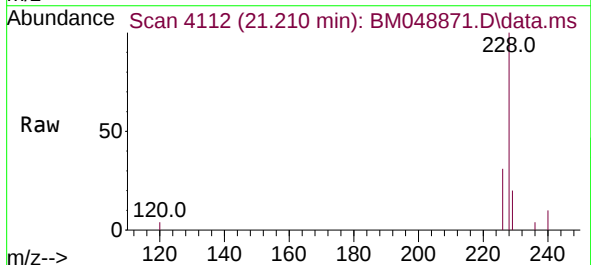
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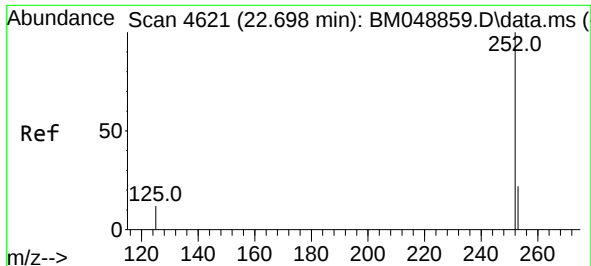
Tgt Ion:228 Resp: 6773
Ion Ratio Lower Upper
228 100
229 20.3 17.0 25.6
226 28.5 22.5 33.7



#22
Chrysene
Concen: 0.297 ng/ul
RT: 21.210 min Scan# 4112
Delta R.T. -0.000 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

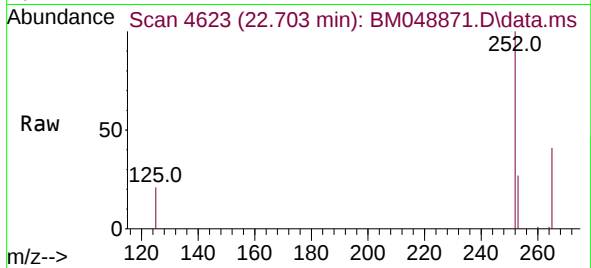
Tgt Ion:228 Resp: 9756
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 20.0 16.1 24.1



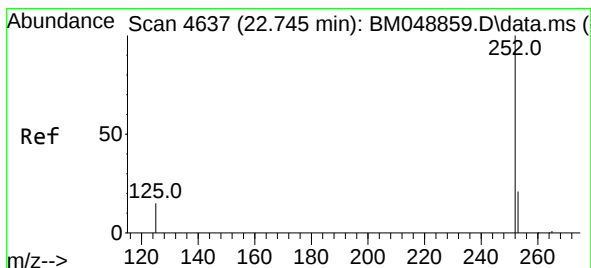
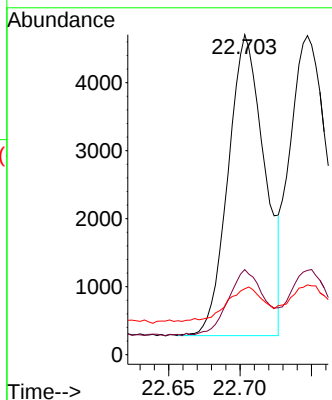


#24
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 22.703 min Scan# 4623
Delta R.T. 0.003 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

Instrument :
BNA_M
ClientSampleId :
SLCS412

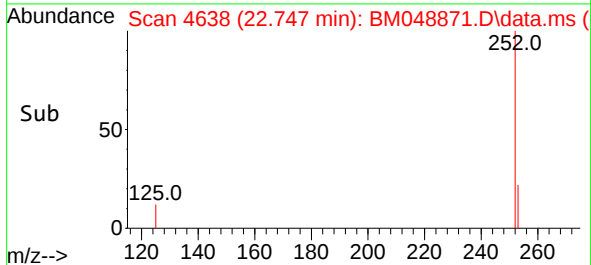
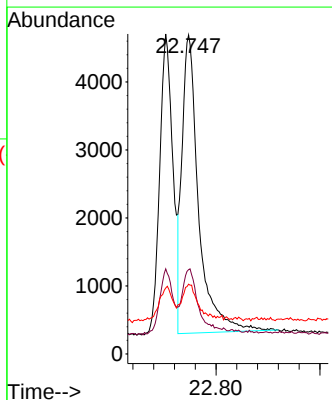
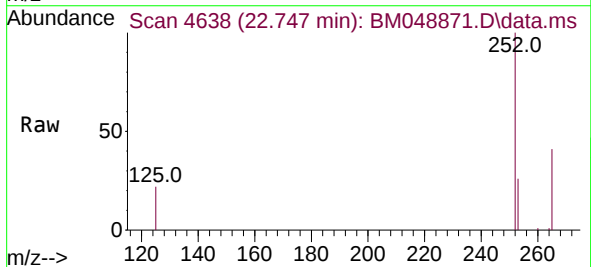


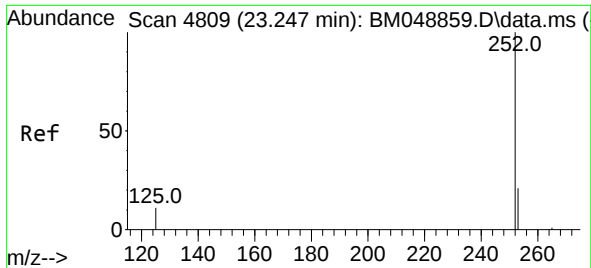
Tgt Ion:252 Resp: 7845
Ion Ratio Lower Upper
252 100
253 26.6 0.0 54.2
125 20.6 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul
RT: 22.747 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

Tgt Ion:252 Resp: 9720
Ion Ratio Lower Upper
252 100
253 26.4 20.8 31.2
125 21.9 16.2 24.4

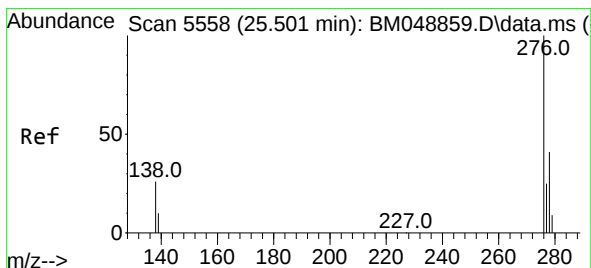
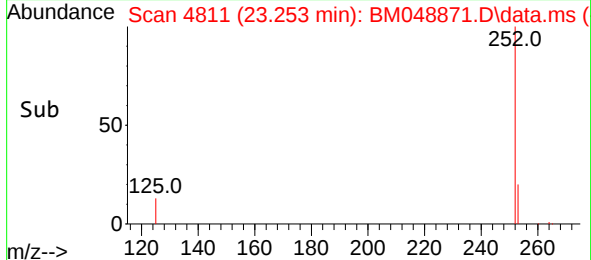
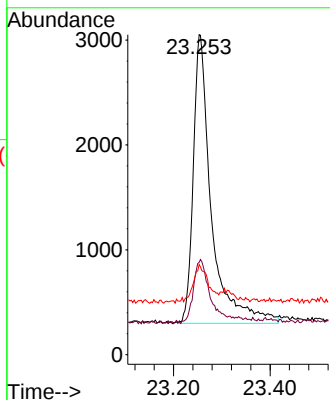
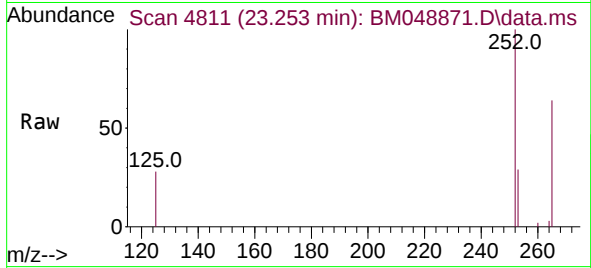




#26
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.253 min Scan# 4811
Delta R.T. -0.000 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

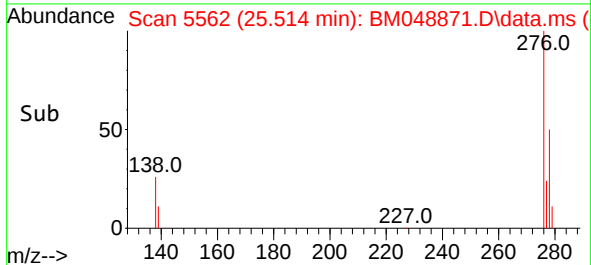
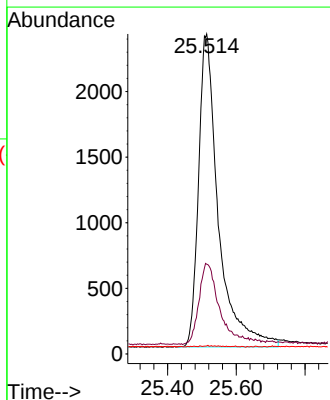
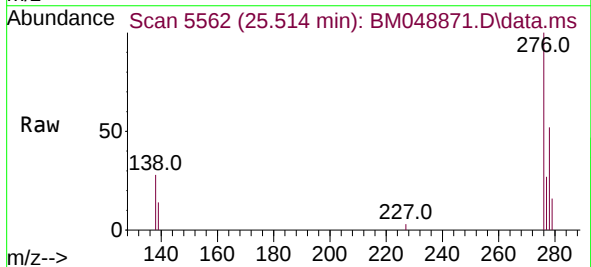
Instrument :
BNA_M
ClientSampleId :
SLCS412

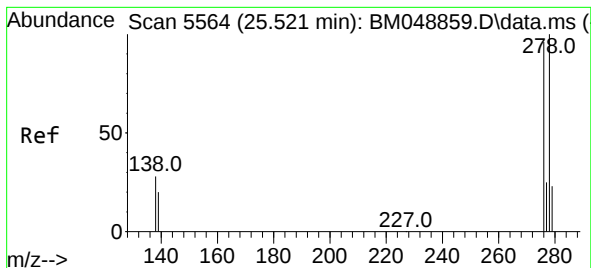
Tgt Ion:252	Resp:	7161
Ion Ratio	Lower	Upper
252	100	
253	28.9	22.5 33.7
125	28.1	20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.336 ng/ul
RT: 25.514 min Scan# 5562
Delta R.T. 0.006 min
Lab File: BM048871.D
Acq: 06 Dec 2024 16:56

Tgt Ion:276	Resp:	9556
Ion Ratio	Lower	Upper
276	100	
138	27.6	23.3 34.9
227	0.0	0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.341 ng/ul

RT: 25.531 min Scan# 5

Delta R.T. 0.003 min

Lab File: BM048871.D

Acq: 06 Dec 2024 16:56

Instrument :

BNA_M

ClientSampleId :

SLCS412

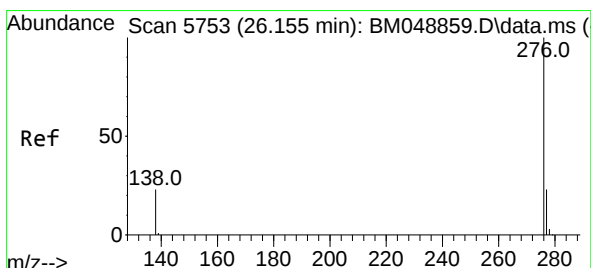
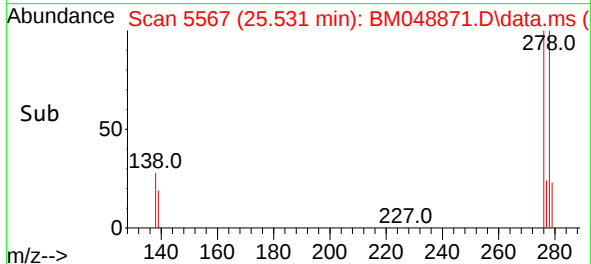
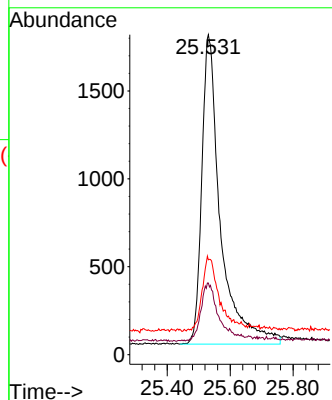
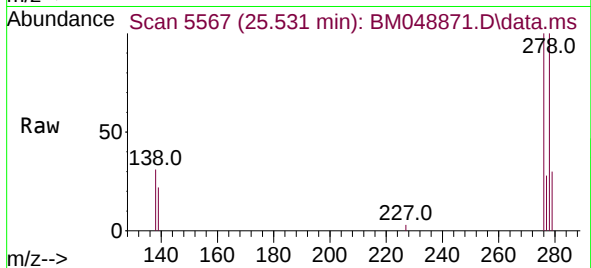
Tgt Ion:278 Resp: 7246

Ion Ratio Lower Upper

278 100

139 22.4 18.6 27.8

279 29.6 24.7 37.1



#29

Benzo(g,h,i)perylene

Concen: 0.332 ng/ul

RT: 26.168 min Scan# 5757

Delta R.T. 0.006 min

Lab File: BM048871.D

Acq: 06 Dec 2024 16:56

Tgt Ion:276 Resp: 8178

Ion Ratio Lower Upper

276 100

138 26.1 22.2 33.2

277 25.8 21.8 32.6

