

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
 Data File : BM048858.D
 Acq On : 06 Dec 2024 05:59
 Operator : RC/JU
 Sample : PB165401BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS401

Quant Time: Dec 06 06:28:56 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)

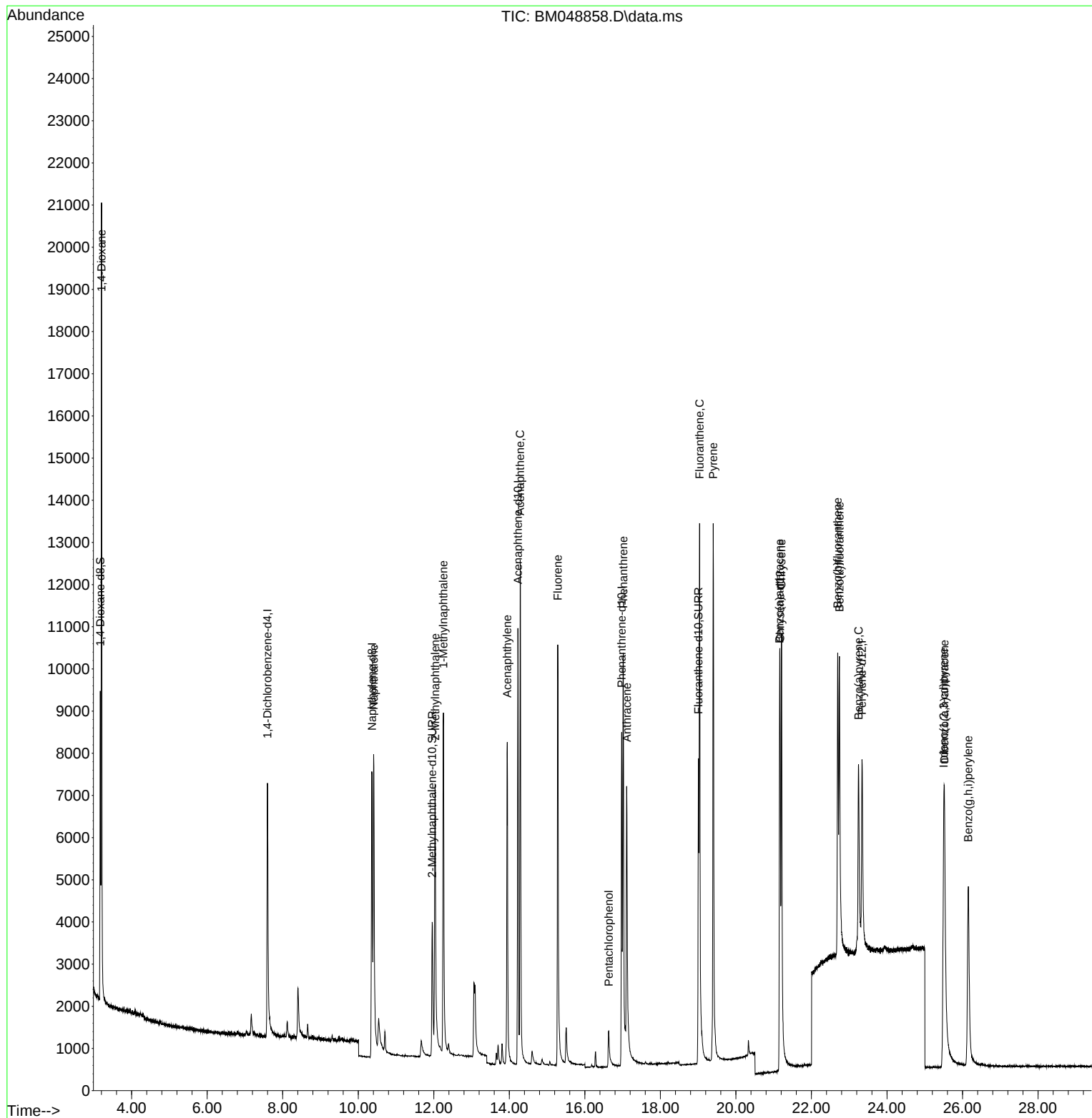
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.594	152	4257	0.400	ng/ul	0.00
4) Naphthalene-d8	10.363	136	11625	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.228	164	6176	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	11090	0.400	ng/ul	0.00
17) Chrysene-d12	21.169	240	6887	0.400	ng/ul	0.00
23) Perylene-d12	23.338	264	6977	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	4168	0.766	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.958	152	6134	0.438	ng/ul	0.00
18) Fluoranthene-d10	19.005	212	9920	0.467	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	11623	1.806	ng/ul#	79
5) Naphthalene	10.407	128	11763	0.400	ng/ul	99
7) 2-Methylnaphthalene	12.035	142	6783	0.400	ng/ul	99
8) 1-Methylnaphthalene	12.255	142	7170	0.399	ng/ul	100
10) Acenaphthylene	13.945	152	10179	0.376	ng/ul	99
11) Acenaphthene	14.288	153	7681	0.393	ng/ul	98
12) Fluorene	15.282	166	8132	0.402	ng/ul	99
14) Pentachlorophenol	16.633	266	1117	1.165	ng/ul#	4
15) Phenanthrene	17.017	178	11854	0.422	ng/ul	100
16) Anthracene	17.110	178	10265	0.410	ng/ul	97
19) Fluoranthene	19.038	202	12968	0.410	ng/ul	99
20) Pyrene	19.400	202	13194	0.400	ng/ul	100
21) Benzo(a)anthracene	21.155	228	8522	0.438	ng/ul	99
22) Chrysene	21.207	228	12129	0.394	ng/ul	99
24) Benzo(b)fluoranthene	22.695	252	9464	0.483	ng/ul	98
25) Benzo(k)fluoranthene	22.741	252	11951	0.435	ng/ul	100
26) Benzo(a)pyrene	23.247	252	8790	0.438	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.501	276	11924	0.449	ng/ul	98
28) Dibenzo(a,h)anthracene	25.524	278	9094	0.458	ng/ul	97
29) Benzo(g,h,i)perylene	26.155	276	10147	0.441	ng/ul	97

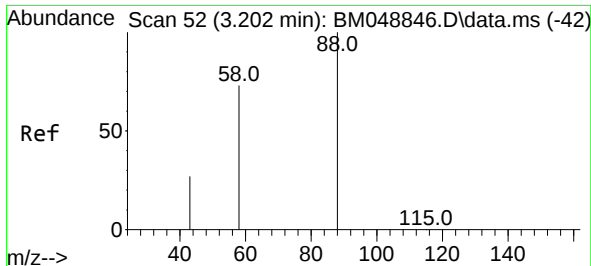
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 06 00:05:00 2024
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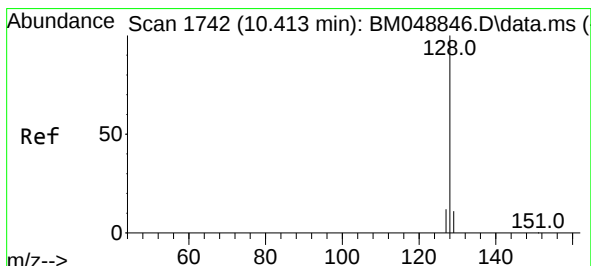
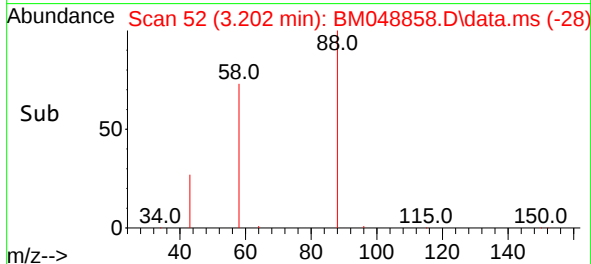
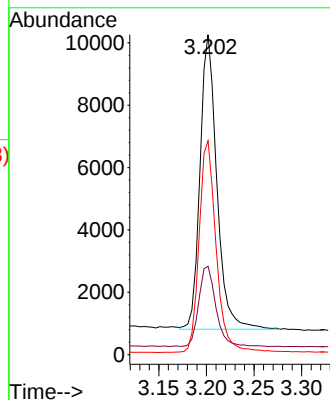
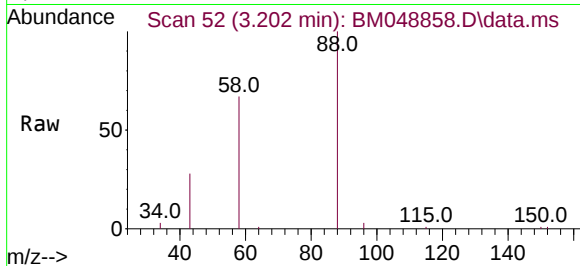




#2
1,4-Dioxane
Concen: 1.806 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

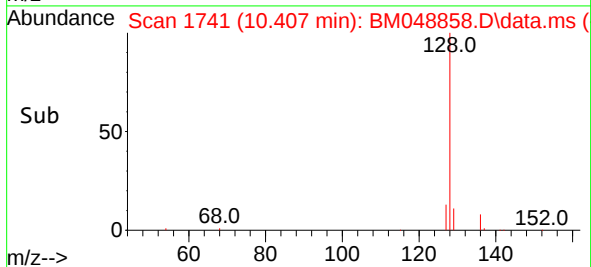
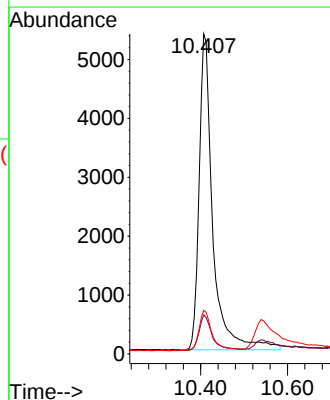
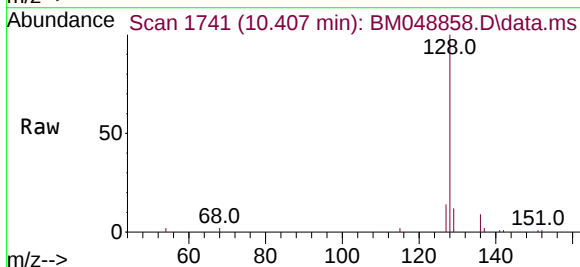
Instrument :
BNA_M
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SLCS401

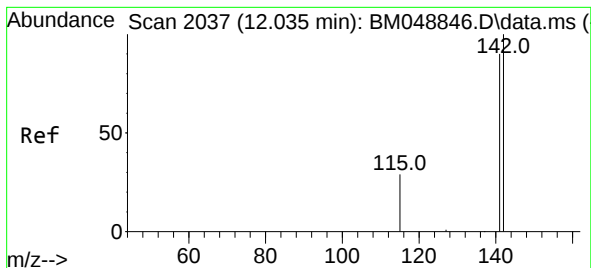
Tgt Ion: 88 Resp: 11623
Ion Ratio Lower Upper
88 100
43 27.6 20.6 30.8
58 66.9 37.6 56.4#



#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.407 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

Tgt Ion:128 Resp: 11763
Ion Ratio Lower Upper
128 100
129 12.2 9.6 14.4
127 13.6 10.7 16.1

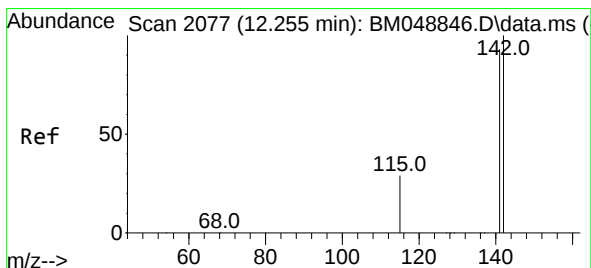
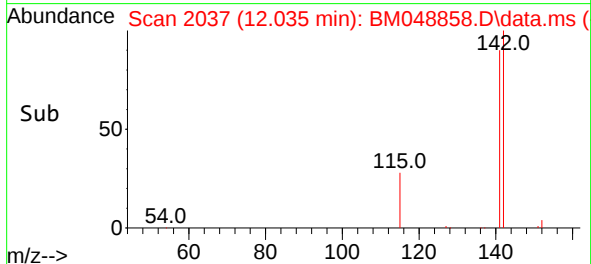
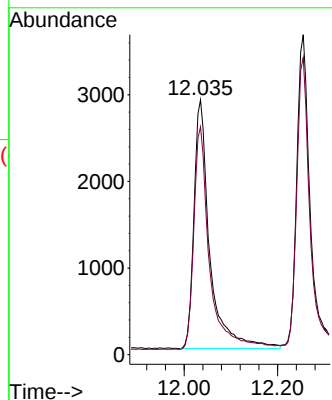
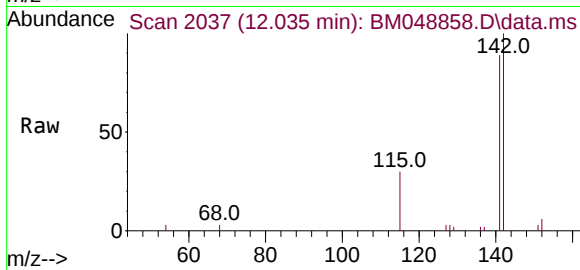




#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.035 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

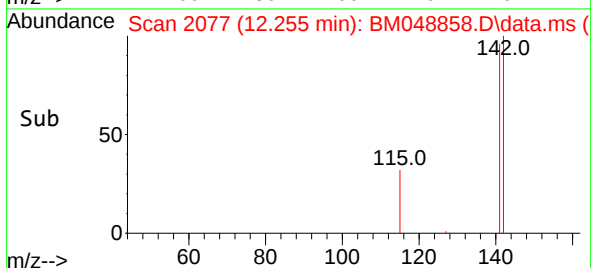
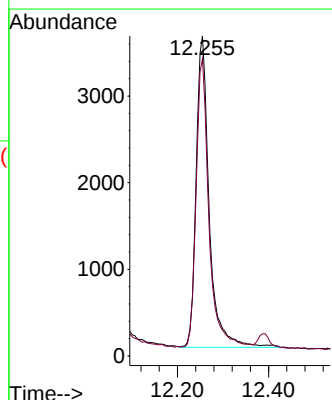
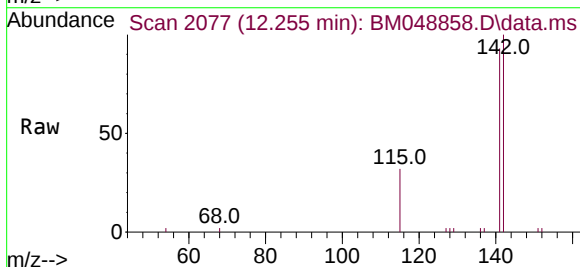
Instrument :
BNA_M
ClientSampleId :
SLCS401

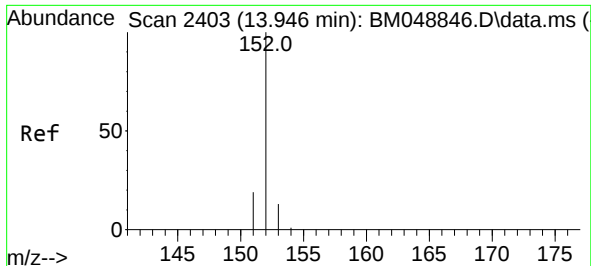
Tgt Ion:142 Resp: 6783
Ion Ratio Lower Upper
142 100
141 89.9 73.0 109.6



#8
1-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.255 min Scan# 2077
Delta R.T. -0.000 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

Tgt Ion:142 Resp: 7170
Ion Ratio Lower Upper
142 100
141 90.2 72.5 108.7

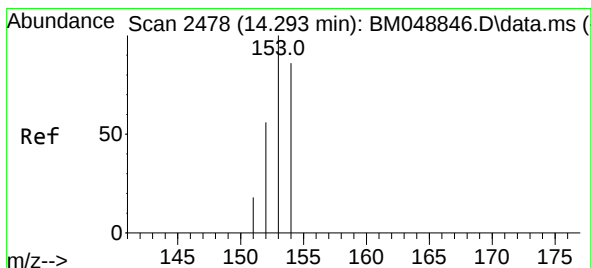
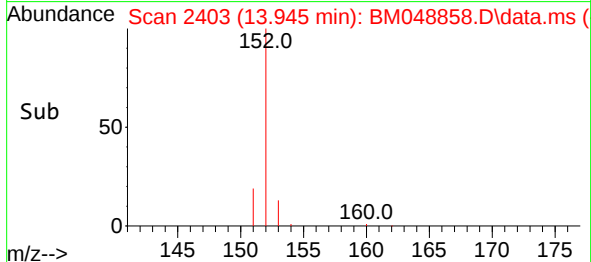
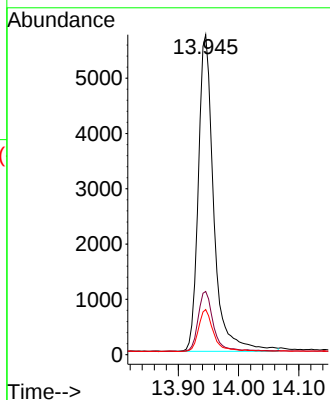
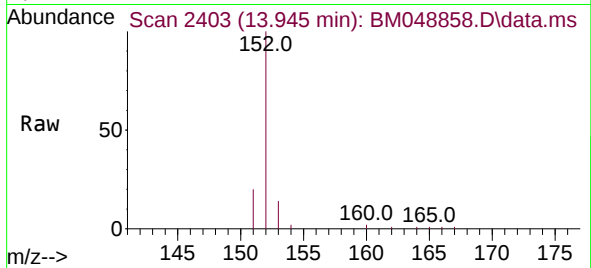




#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 13.945 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

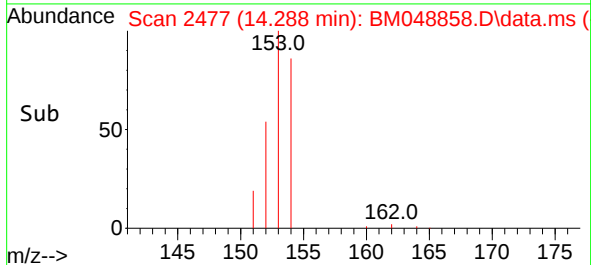
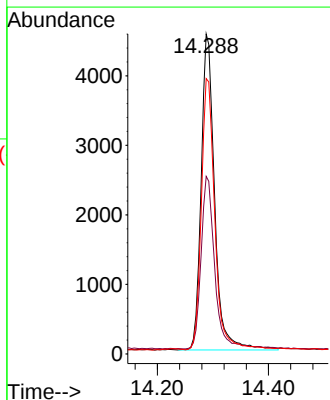
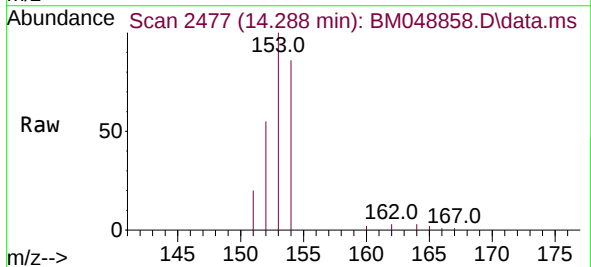
Instrument :
BNA_M
ClientSampleId :
SLCS401

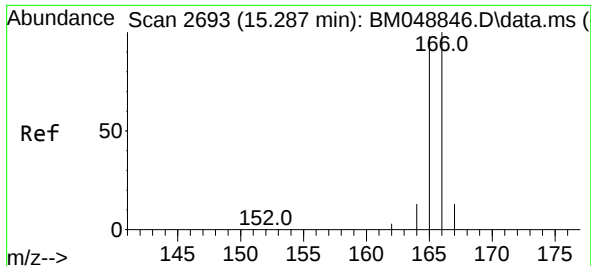
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	14.1	11.7	17.5



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.288 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

Tgt Ion	Ratio	Lower	Upper
153	100		
152	55.5	46.5	69.7
154	86.0	68.7	103.1

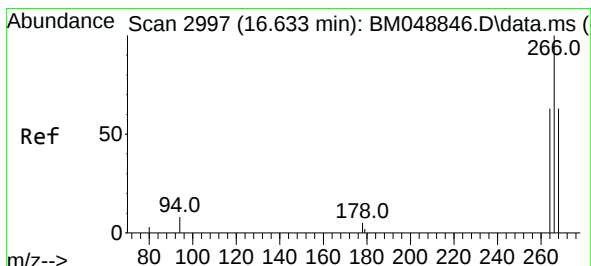
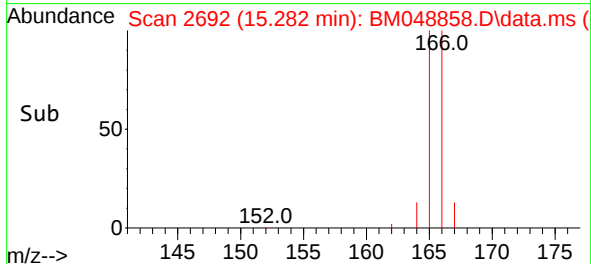
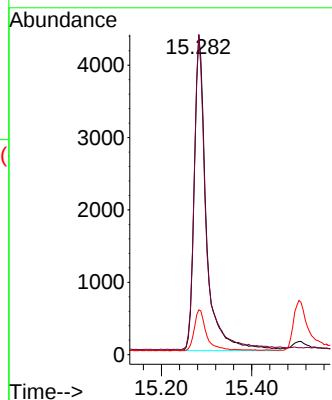
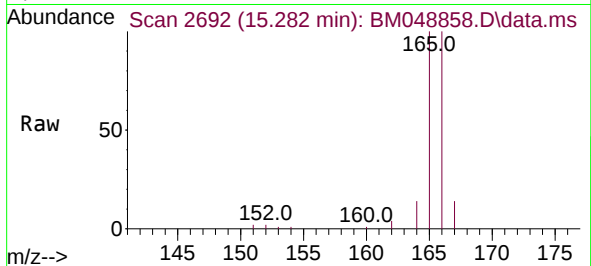




#12
Fluorene
Concen: 0.402 ng/ul
RT: 15.282 min Scan# 20
Delta R.T. -0.005 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

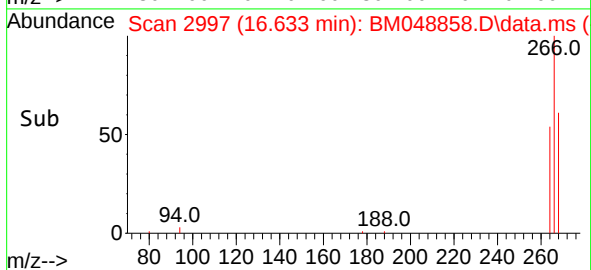
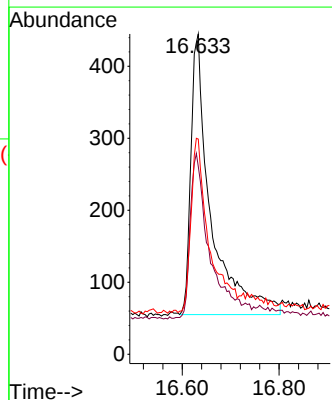
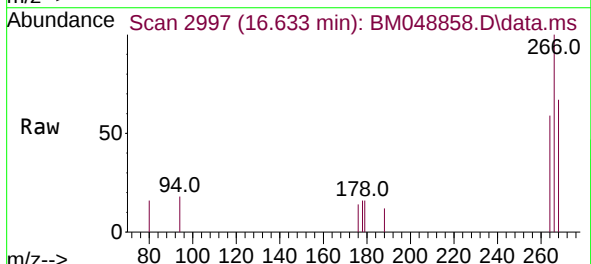
Instrument :
BNA_M
ClientSampleId :
SLCS401

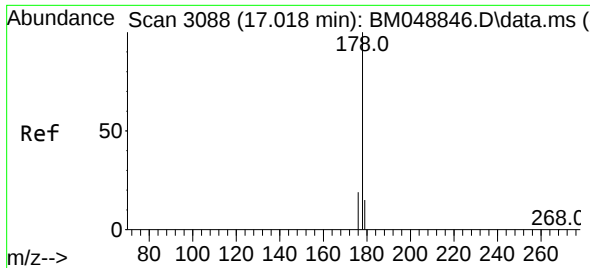
Tgt Ion:166 Resp: 8132
Ion Ratio Lower Upper
166 100
165 100.0 79.8 119.6
167 14.0 12.2 18.2



#14
Pentachlorophenol
Concen: 1.165 ng/ul
RT: 16.633 min Scan# 2997
Delta R.T. -0.000 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

Tgt Ion:266 Resp: 1117
Ion Ratio Lower Upper
266 100
264 62.3 15.3 22.9#
268 63.8 0.0 0.0#

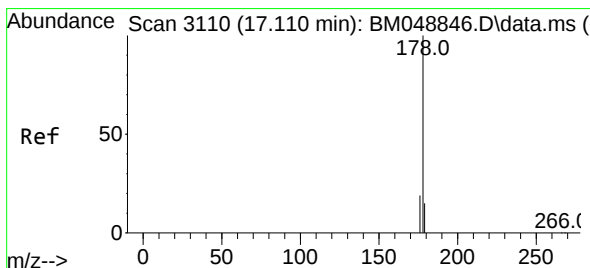
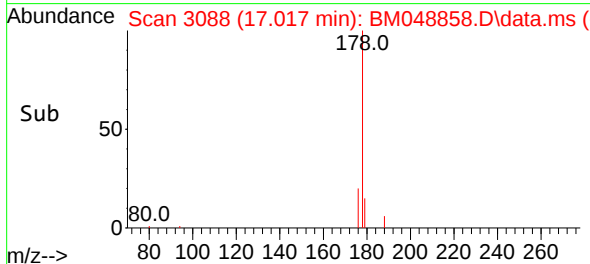
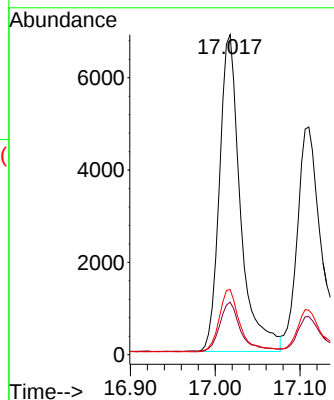
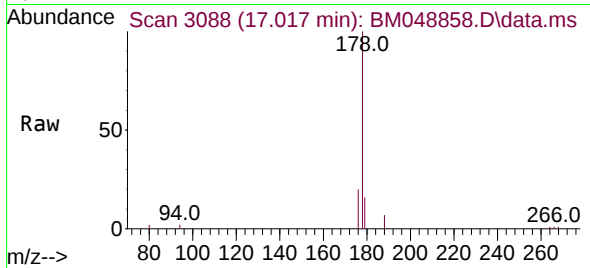




#15
Phenanthrene
Concen: 0.422 ng/ul
RT: 17.017 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

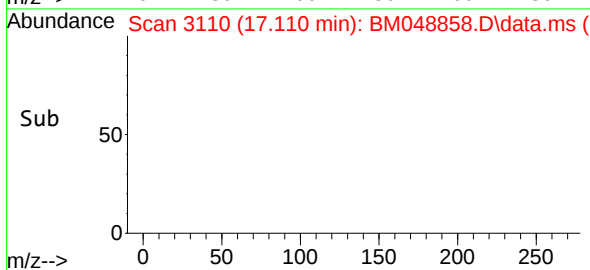
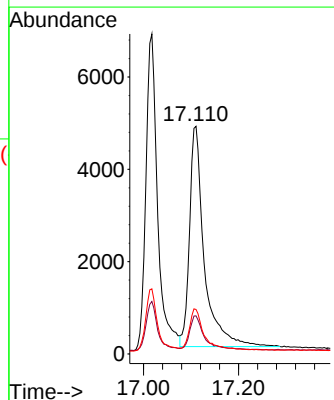
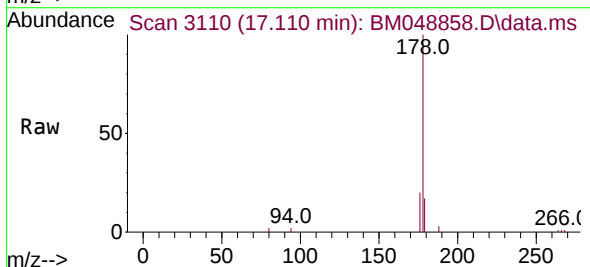
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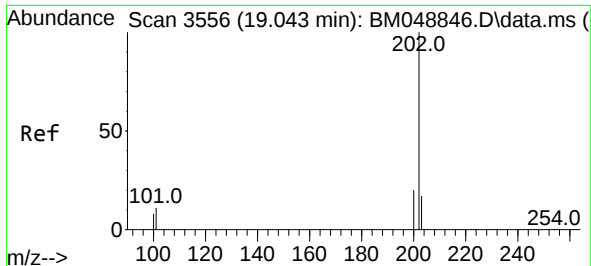
Tgt Ion:178	Resp:	11854
Ion Ratio	Lower	Upper
178	100	
179	16.4	13.4 20.0
176	20.4	16.2 24.4



#16
Anthracene
Concen: 0.410 ng/ul
RT: 17.110 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

Tgt Ion:178	Resp:	10265
Ion Ratio	Lower	Upper
178	100	
179	16.7	14.0 21.0
176	19.5	17.0 25.4

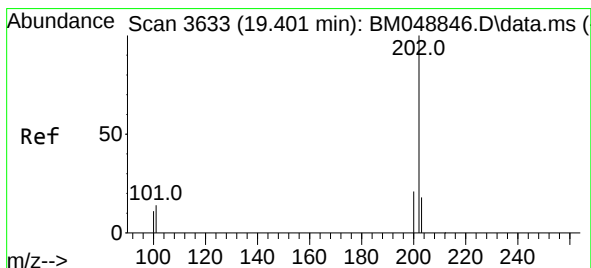
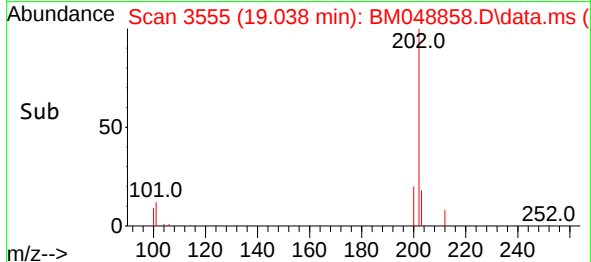
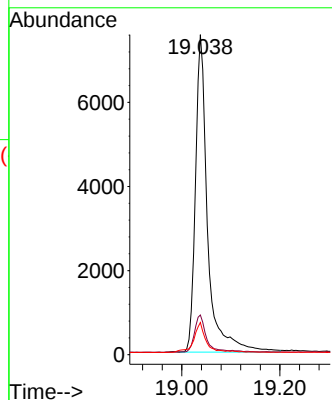
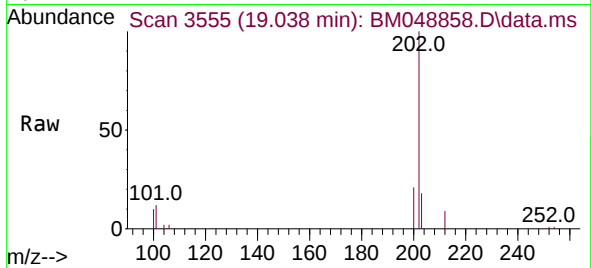




#19
Fluoranthene
Concen: 0.410 ng/ul
RT: 19.038 min Scan# 3556
Delta R.T. -0.005 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

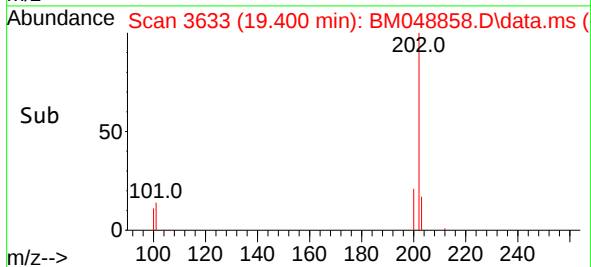
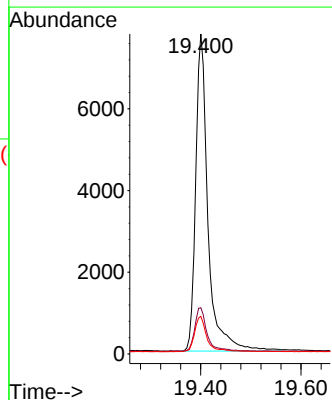
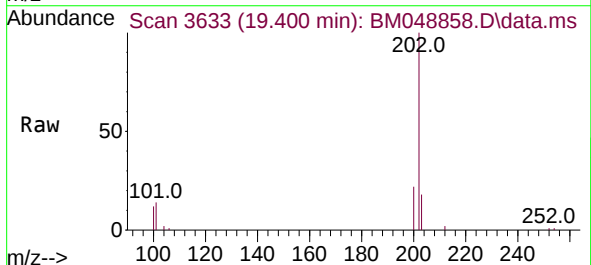
Instrument :
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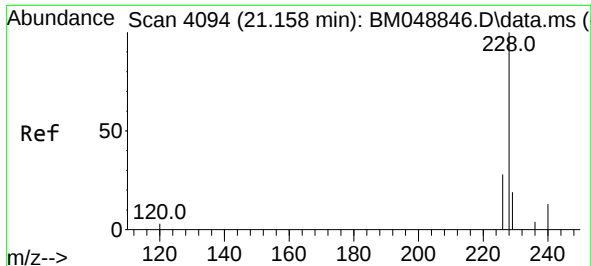
Tgt Ion:202 Resp: 12968
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 10.0 7.5 11.3



#20
Pyrene
Concen: 0.400 ng/ul
RT: 19.400 min Scan# 3633
Delta R.T. -0.000 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

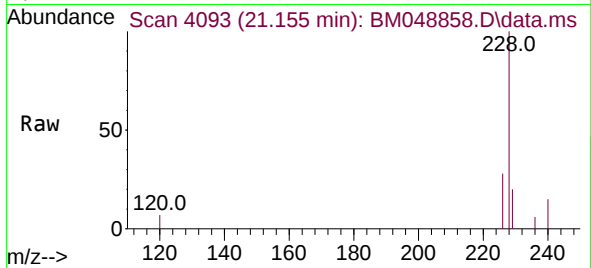
Tgt Ion:202 Resp: 13194
Ion Ratio Lower Upper
202 100
101 14.5 11.6 17.4
100 11.7 9.4 14.0



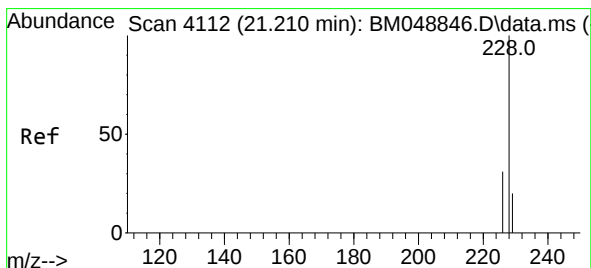
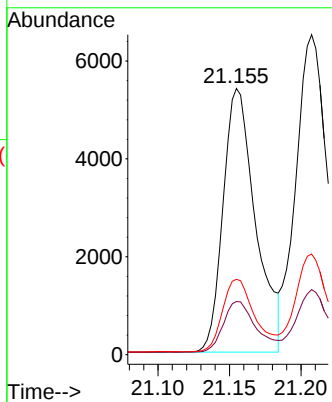
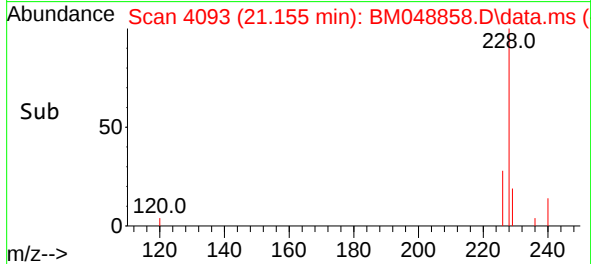


#21
Benzo(a)anthracene
Concen: 0.438 ng/ul
RT: 21.155 min Scan# 4093
Delta R.T. -0.003 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

Instrument :
BNA_M
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SLCS401

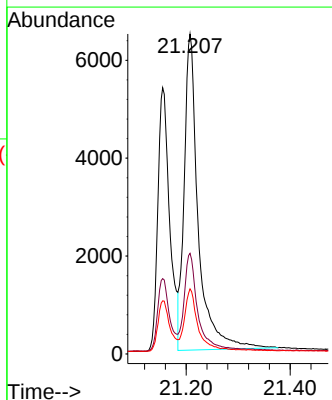
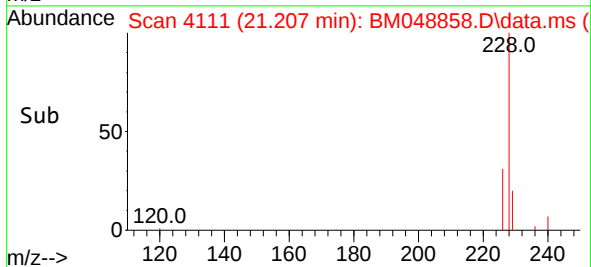
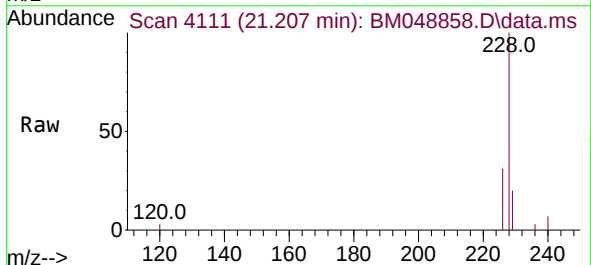


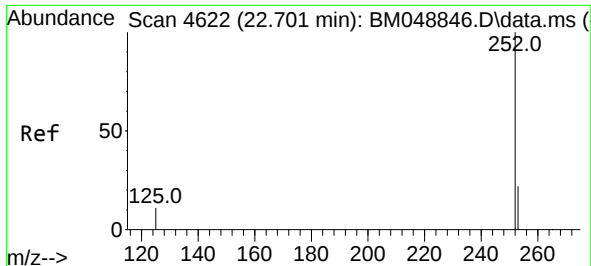
Tgt Ion:228 Resp: 8522
Ion Ratio Lower Upper
228 100
229 20.0 17.0 25.6
226 28.3 22.5 33.7



#22
Chrysene
Concen: 0.394 ng/ul
RT: 21.207 min Scan# 4111
Delta R.T. -0.003 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

Tgt Ion:228 Resp: 12129
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 20.4 16.1 24.1

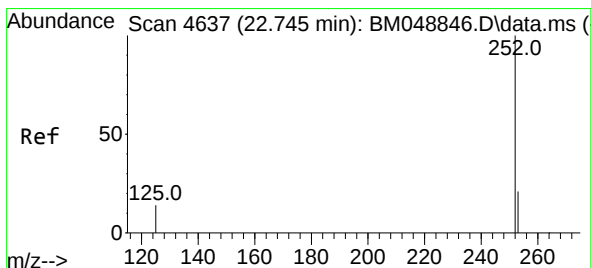
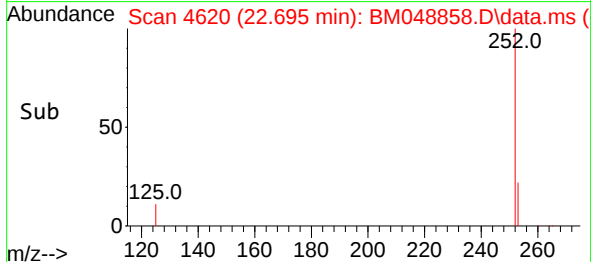
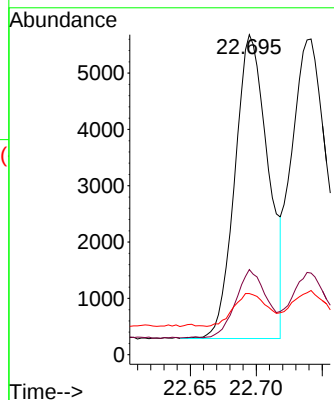
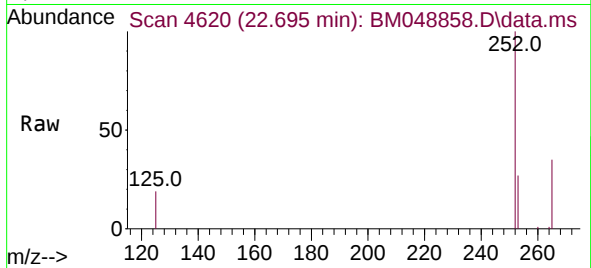




#24
Benzo(b)fluoranthene
Concen: 0.483 ng/ul
RT: 22.695 min Scan# 4620
Delta R.T. -0.006 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

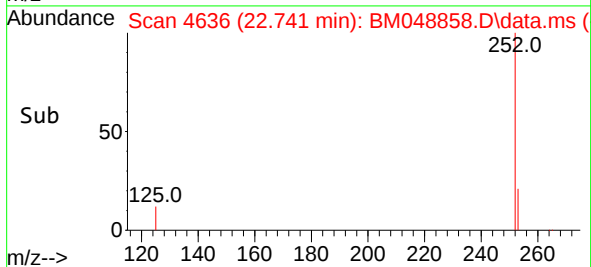
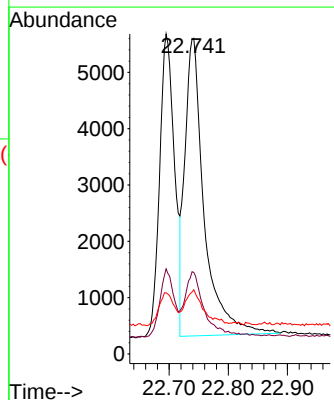
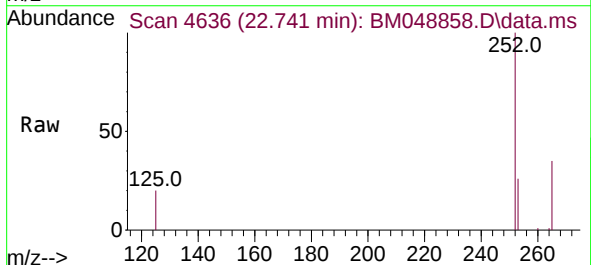
Instrument :
BNA_M
ClientSampleId :
SLCS401

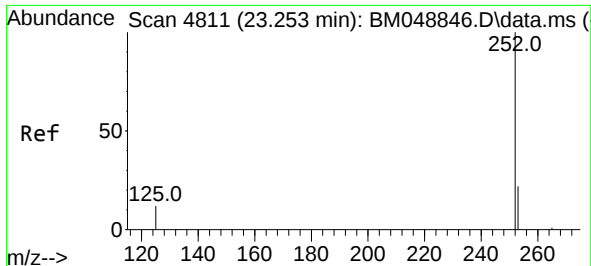
Tgt Ion:252 Resp: 9464
Ion Ratio Lower Upper
252 100
253 26.6 0.0 54.2
125 19.1 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.435 ng/ul
RT: 22.741 min Scan# 4636
Delta R.T. -0.003 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

Tgt Ion:252 Resp: 11951
Ion Ratio Lower Upper
252 100
253 25.8 20.8 31.2
125 20.3 16.2 24.4

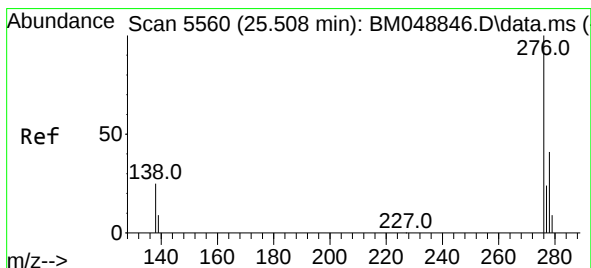
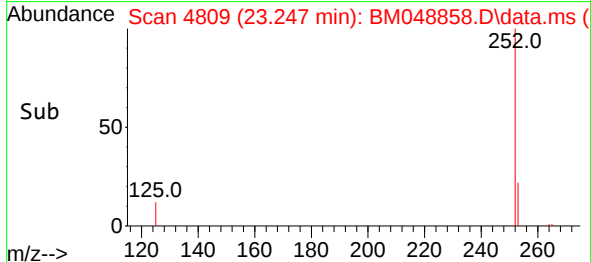
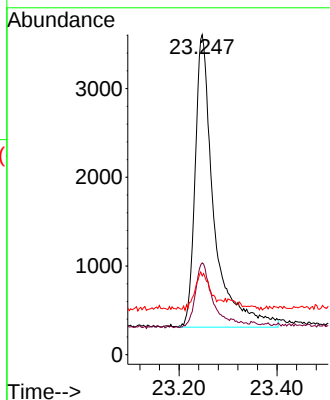
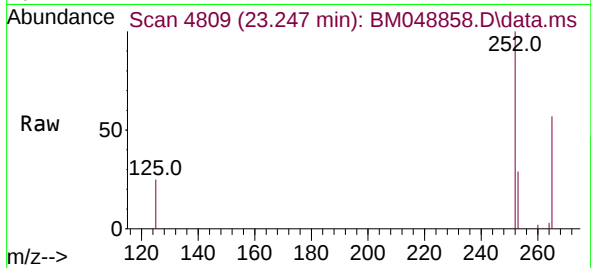




#26
Benzo(a)pyrene
Concen: 0.438 ng/ul
RT: 23.247 min Scan# 4811
Delta R.T. -0.006 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

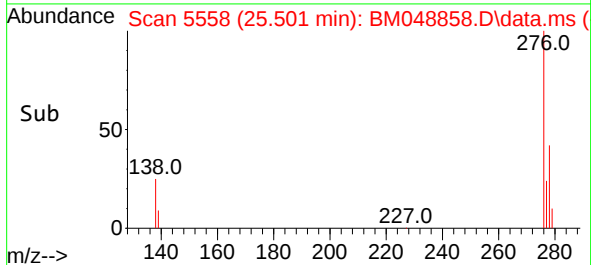
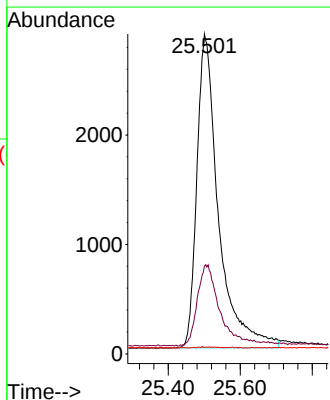
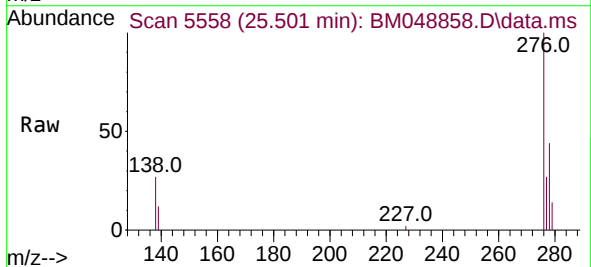
Instrument :
BNA_M
ClientSampleId :
SLCS401

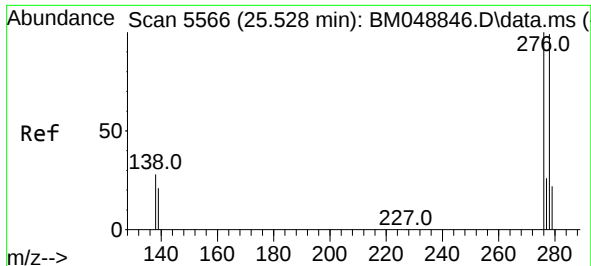
Tgt Ion:252 Resp: 8790
Ion Ratio Lower Upper
252 100
253 28.7 22.5 33.7
125 24.6 20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.449 ng/ul
RT: 25.501 min Scan# 5558
Delta R.T. -0.007 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

Tgt Ion:276 Resp: 11924
Ion Ratio Lower Upper
276 100
138 28.0 23.3 34.9
227 0.1 0.1 0.1

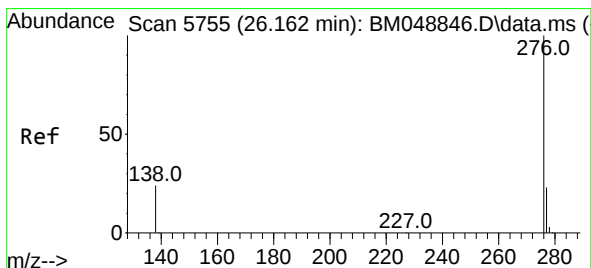
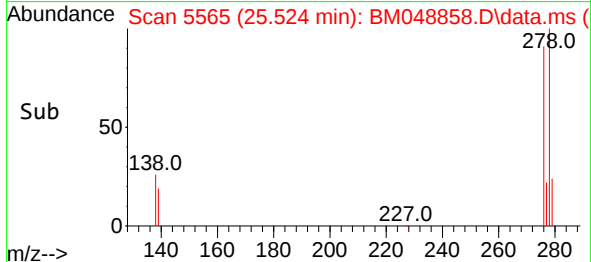
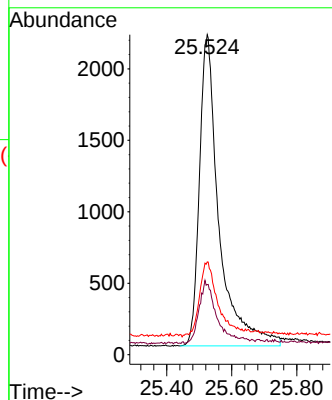
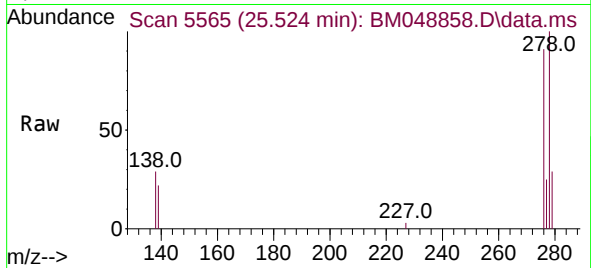




#28
Dibenzo(a,h)anthracene
Concen: 0.458 ng/ul
RT: 25.524 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

Instrument :
BNA_M
ClientSampleId :
SLCS401

Tgt Ion:278 Resp: 9094
Ion Ratio Lower Upper
278 100
139 21.9 18.6 27.8
279 29.0 24.7 37.1



#29
Benzo(g,h,i)perylene
Concen: 0.441 ng/ul
RT: 26.155 min Scan# 5753
Delta R.T. -0.007 min
Lab File: BM048858.D
Acq: 06 Dec 2024 05:59

Tgt Ion:276 Resp: 10147
Ion Ratio Lower Upper
276 100
138 26.1 22.2 33.2
277 26.2 21.8 32.6

