

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
 Data File : BM048850.D
 Acq On : 06 Dec 2024 01:13
 Operator : RC/JU
 Sample : P5104-21MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHJ96MS

Quant Time: Dec 06 01:41:01 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)

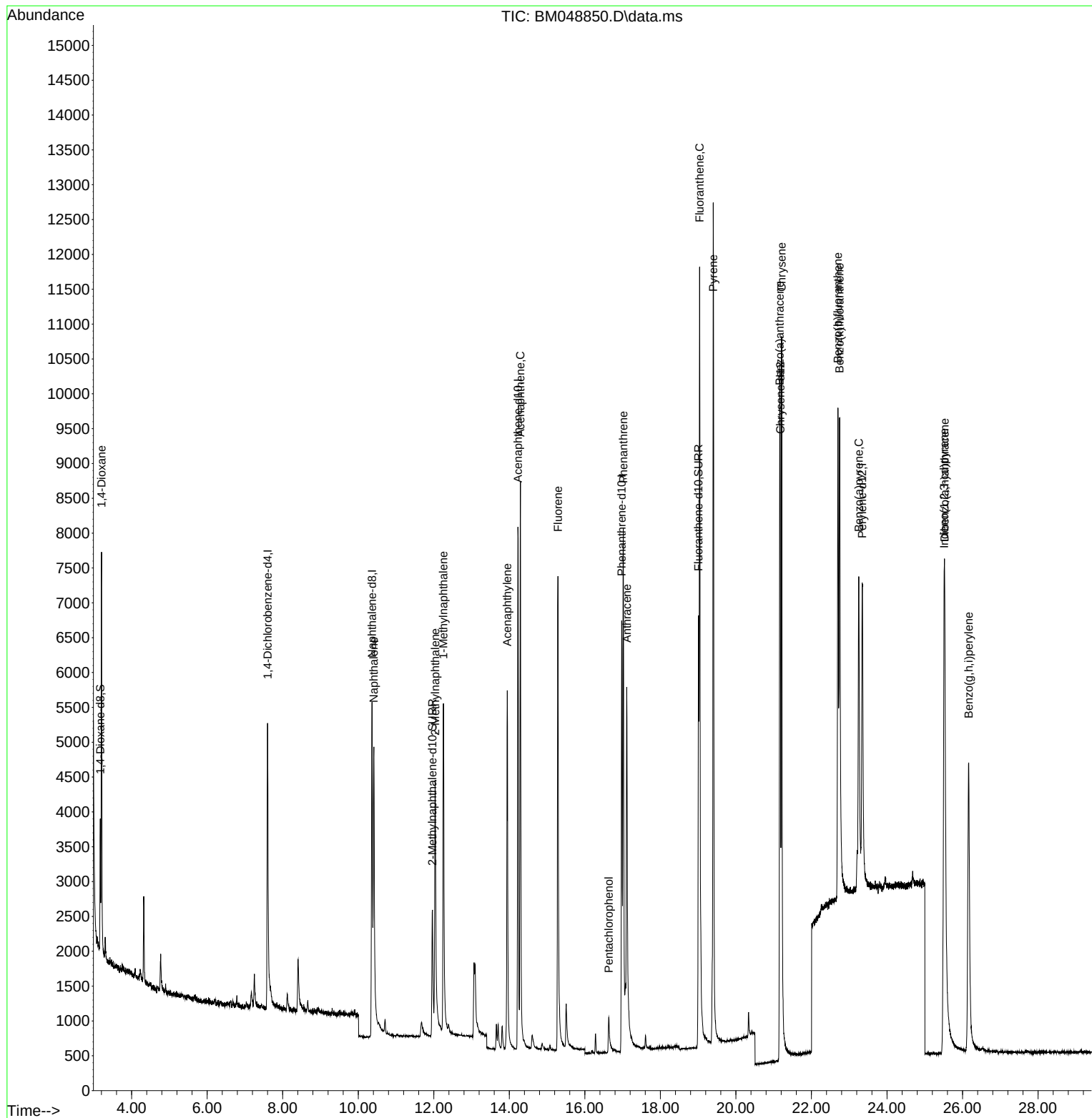
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.598	152	3054	0.400	ng/ul	0.00
4) Naphthalene-d8	10.363	136	8394	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.228	164	4711	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	8808	0.400	ng/ul	0.00
17) Chrysene-d12	21.175	240	6078	0.400	ng/ul	0.00
23) Perylene-d12	23.344	264	6684	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	1146	0.294	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.963	152	3690	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.010	212	8486	0.452	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	3645	0.790	ng/ul#	88
5) Naphthalene	10.413	128	7011	0.331	ng/ul	98
7) 2-Methylnaphthalene	12.035	142	4099	0.334	ng/ul	98
8) 1-Methylnaphthalene	12.255	142	4420	0.341	ng/ul	99
10) Acenaphthylene	13.945	152	6866	0.333	ng/ul	100
11) Acenaphthene	14.292	153	5136	0.345	ng/ul	99
12) Fluorene	15.287	166	5733	0.372	ng/ul	97
14) Pentachlorophenol	16.633	266	644	0.846	ng/ul#	3
15) Phenanthrene	17.017	178	9068	0.406	ng/ul	99
16) Anthracene	17.110	178	7933	0.399	ng/ul	98
19) Fluoranthene	19.038	202	11116	0.398	ng/ul	98
20) Pyrene	19.400	202	11769	0.405	ng/ul	100
21) Benzo(a)anthracene	21.158	228	8250	0.481	ng/ul	98
22) Chrysene	21.210	228	10948	0.403	ng/ul	99
24) Benzo(b)fluoranthene	22.701	252	9276	0.494	ng/ul	96
25) Benzo(k)fluoranthene	22.744	252	11614	0.441	ng/ul	98
26) Benzo(a)pyrene	23.253	252	8339	0.433	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.511	276	11699	0.460	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.528	278	9108	0.479	ng/ul	96
29) Benzo(g,h,i)perylene	26.165	276	9802	0.444	ng/ul	96

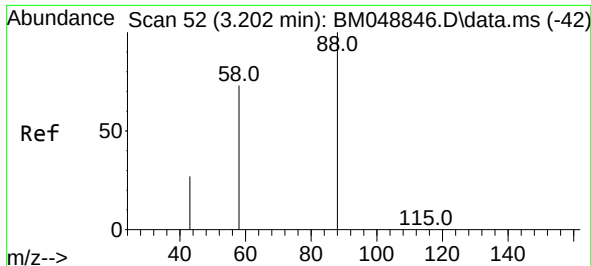
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

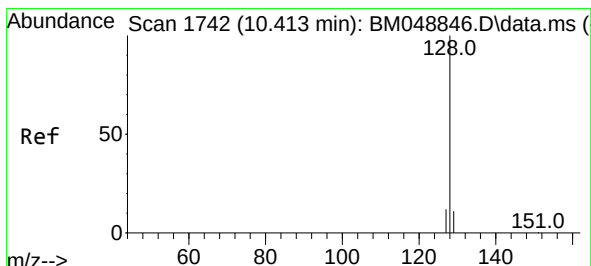
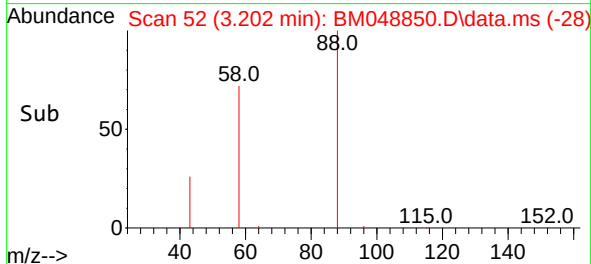
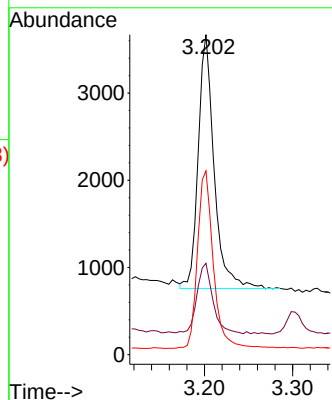
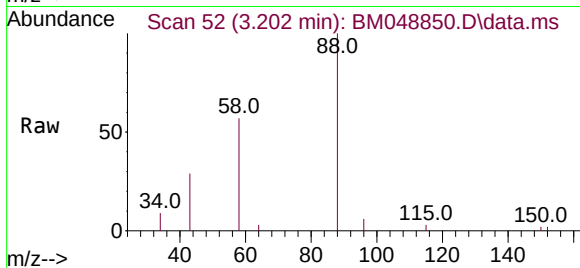




#2
1,4-Dioxane
Concen: 0.790 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM048850.D
Acq: 06 Dec 2024 01:13

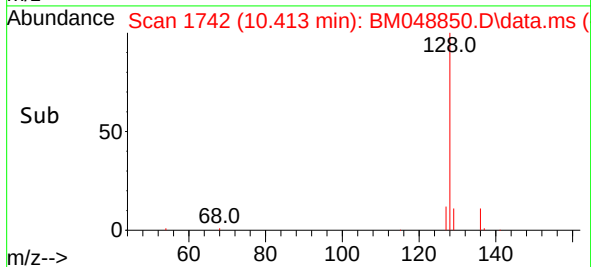
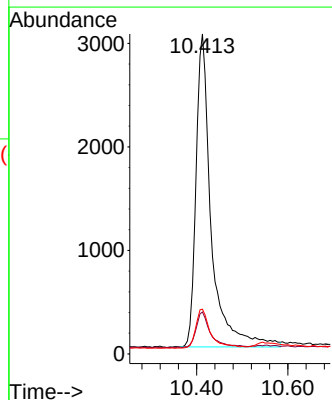
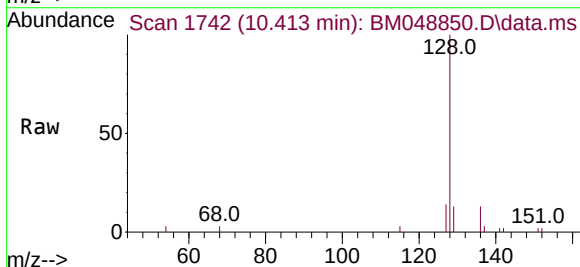
Instrument :
BNA_M
ClientSampleId :
BHJ96MS

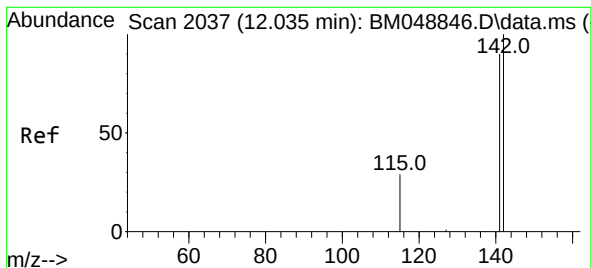
Tgt Ion: 88 Resp: 3645
Ion Ratio Lower Upper
88 100
43 28.5 20.6 30.8
58 57.5 37.6 56.4#



#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.413 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BM048850.D
Acq: 06 Dec 2024 01:13

Tgt Ion: 128 Resp: 7011
Ion Ratio Lower Upper
128 100
129 13.1 9.6 14.4
127 14.0 10.7 16.1

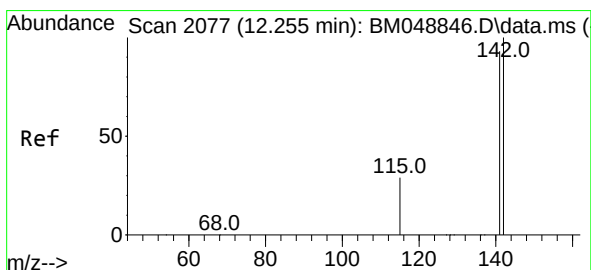
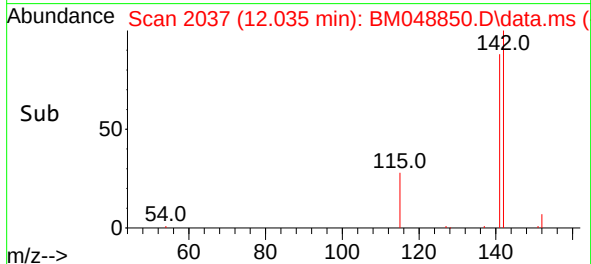
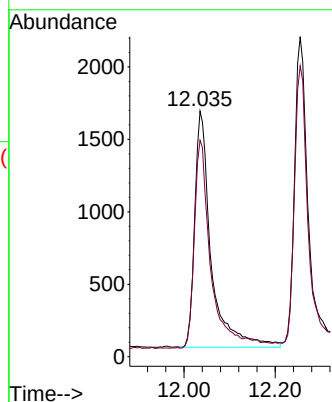
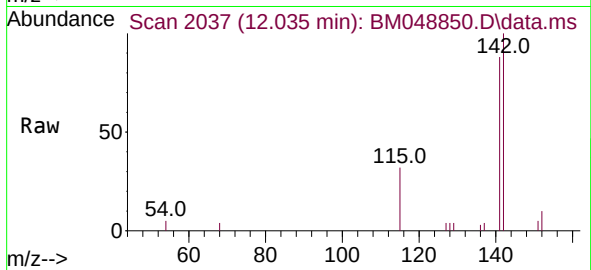




#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.035 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BM048850.D
Acq: 06 Dec 2024 01:13

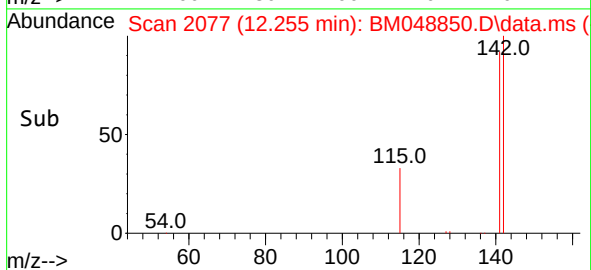
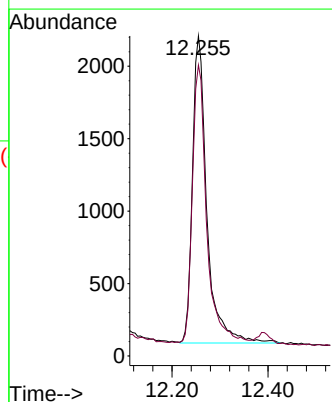
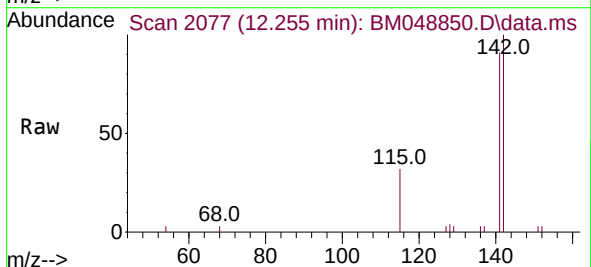
Instrument :
BNA_M
ClientSampleId :
BHJ96MS

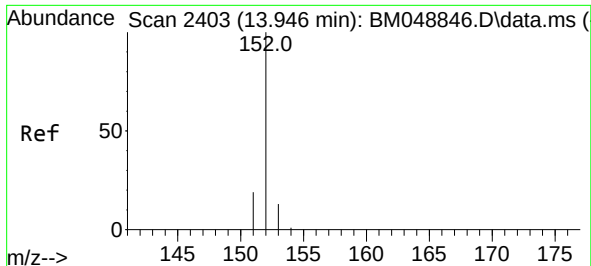
Tgt Ion:142 Resp: 4099
Ion Ratio Lower Upper
142 100
141 89.6 73.0 109.6



#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.255 min Scan# 2077
Delta R.T. -0.000 min
Lab File: BM048850.D
Acq: 06 Dec 2024 01:13

Tgt Ion:142 Resp: 4420
Ion Ratio Lower Upper
142 100
141 89.4 72.5 108.7

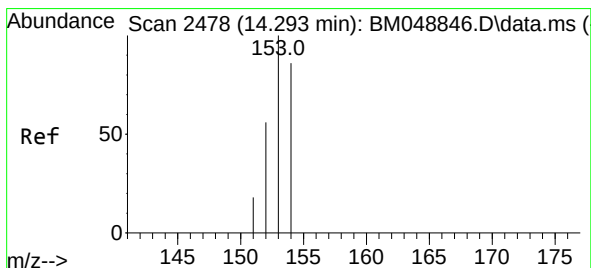
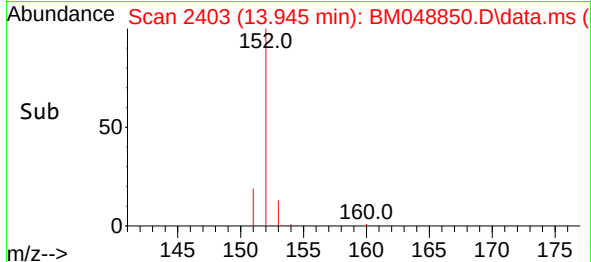
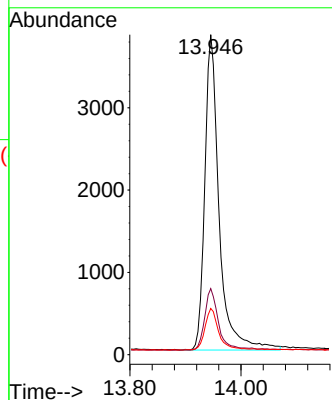
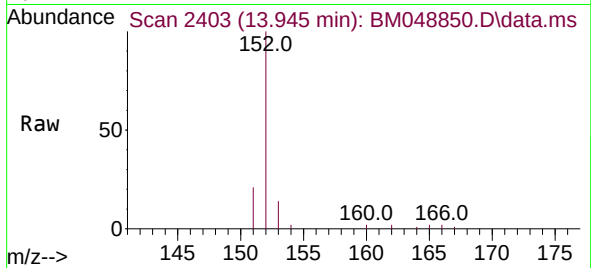




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 13.945 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM048850.D
Acq: 06 Dec 2024 01:13

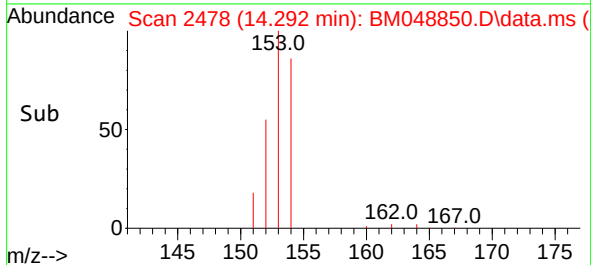
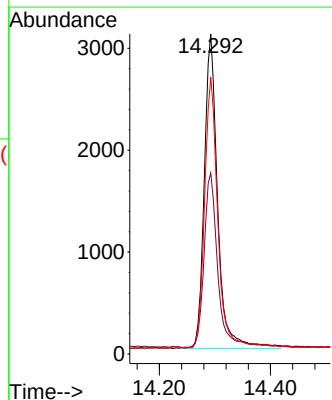
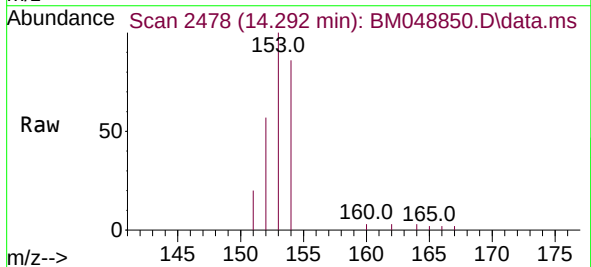
Instrument :
BNA_M
ClientSampleId :
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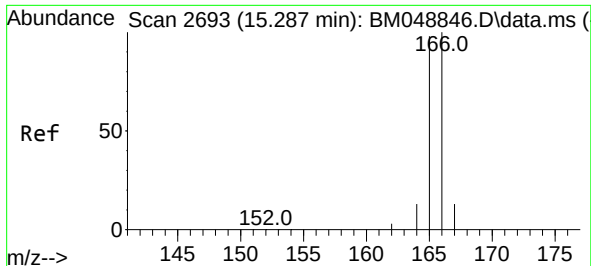
Tgt Ion:	152	Resp:	6866
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.4	11.7	17.5



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.292 min Scan# 2478
Delta R.T. -0.000 min
Lab File: BM048850.D
Acq: 06 Dec 2024 01:13

Tgt Ion:	153	Resp:	5136
Ion	Ratio	Lower	Upper
153	100		
152	56.6	46.5	69.7
154	86.4	68.7	103.1

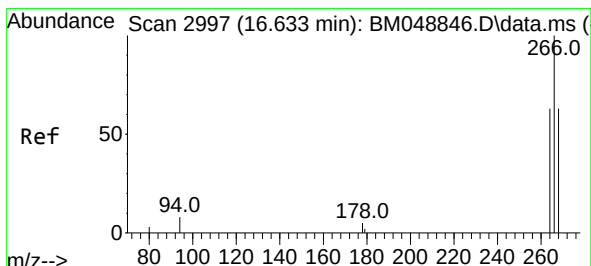
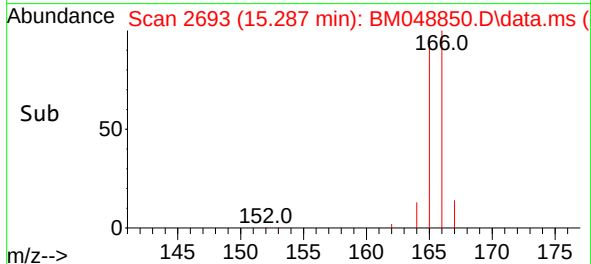
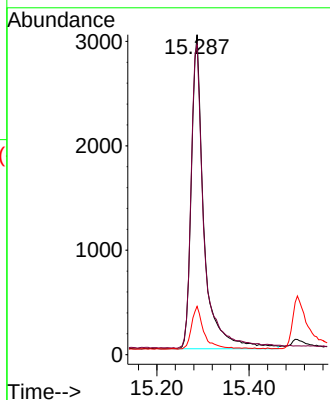
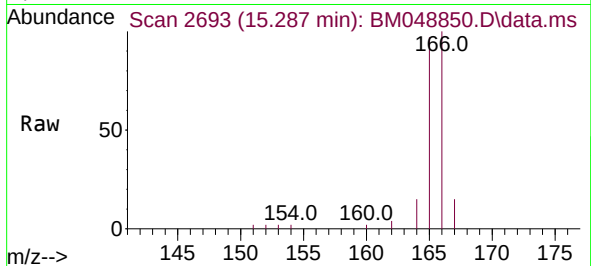




#12
 Fluorene
 Concen: 0.372 ng/ul
 RT: 15.287 min Scan# 2693
 Delta R.T. -0.000 min
 Lab File: BM048850.D
 Acq: 06 Dec 2024 01:13

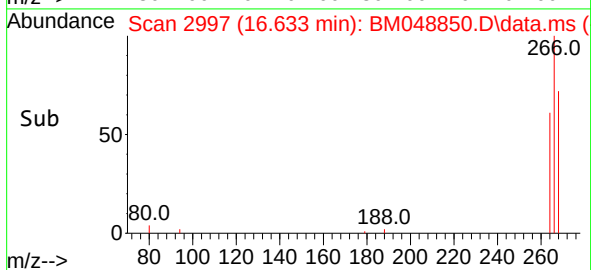
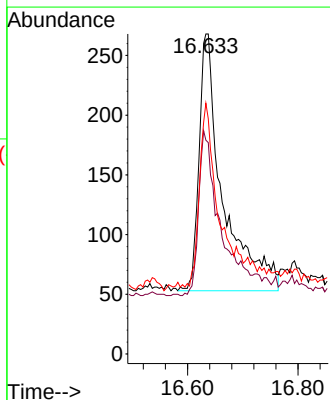
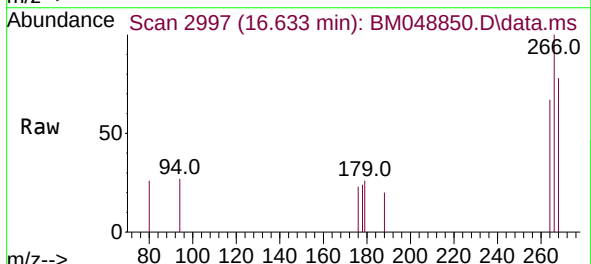
Instrument :
 BNA_M
 ClientSampleId :
 BHJ96MS

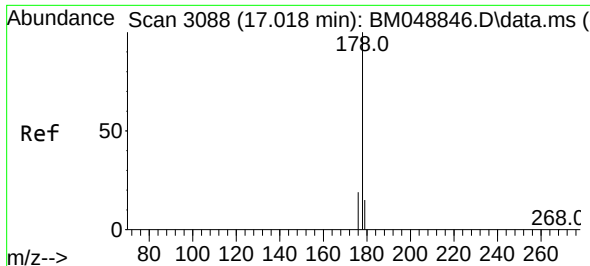
Tgt Ion:166 Resp: 5733
 Ion Ratio Lower Upper
 166 100
 165 96.8 79.8 119.6
 167 15.1 12.2 18.2



#14
 Pentachlorophenol
 Concen: 0.846 ng/ul
 RT: 16.633 min Scan# 2997
 Delta R.T. -0.000 min
 Lab File: BM048850.D
 Acq: 06 Dec 2024 01:13

Tgt Ion:266 Resp: 644
 Ion Ratio Lower Upper
 266 100
 264 62.7 15.3 22.9#
 268 67.1 0.0 0.0#

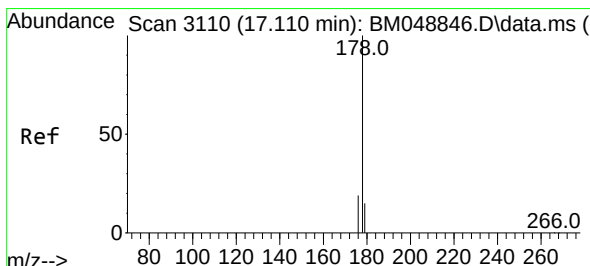
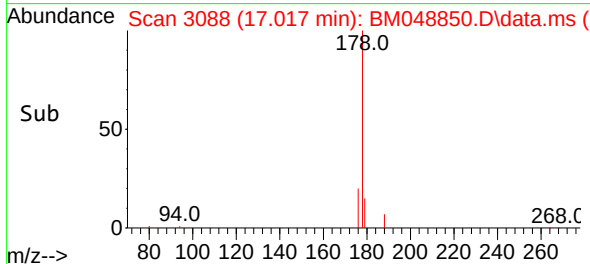
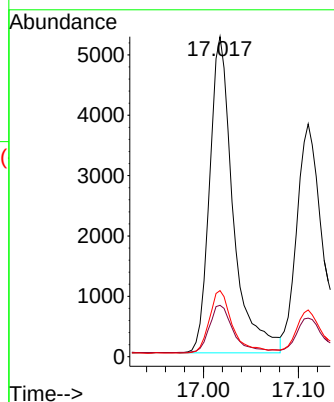
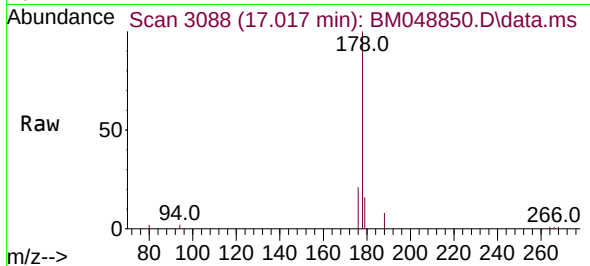




#15
Phenanthrene
Concen: 0.406 ng/ul
RT: 17.017 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BM048850.D
Acq: 06 Dec 2024 01:13

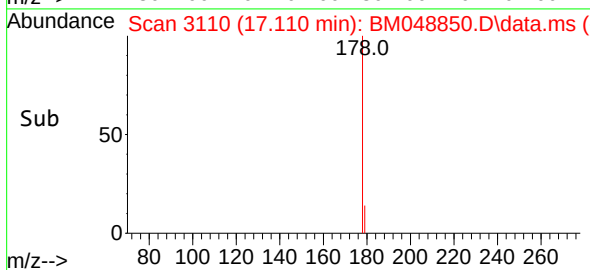
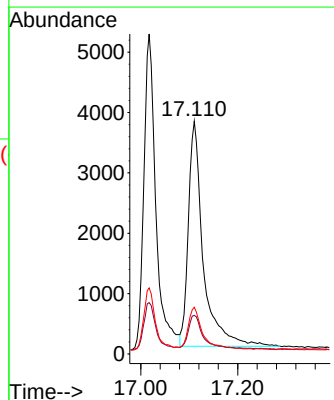
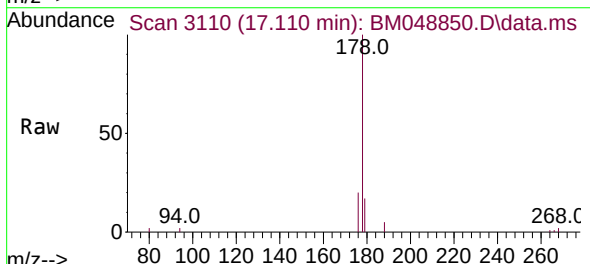
Instrument :
BNA_M
ClientSampleId :
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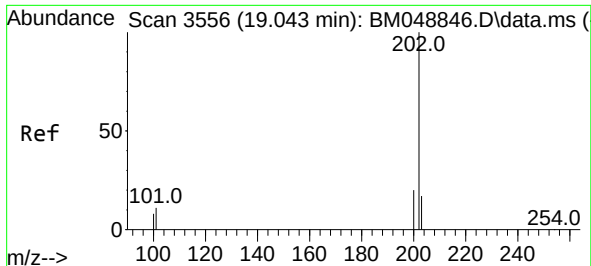
Tgt Ion:	178	Resp:	9068
Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.4	20.0
176	20.6	16.2	24.4



#16
Anthracene
Concen: 0.399 ng/ul
RT: 17.110 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BM048850.D
Acq: 06 Dec 2024 01:13

Tgt Ion:	178	Resp:	7933
Ion	Ratio	Lower	Upper
178	100		
179	16.5	14.0	21.0
176	20.1	17.0	25.4

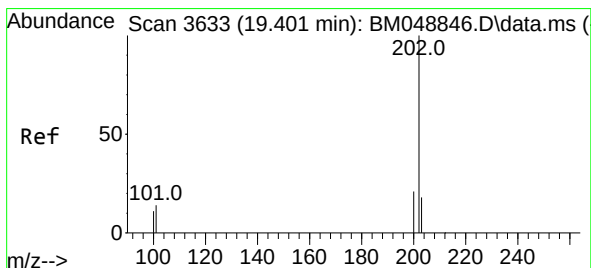
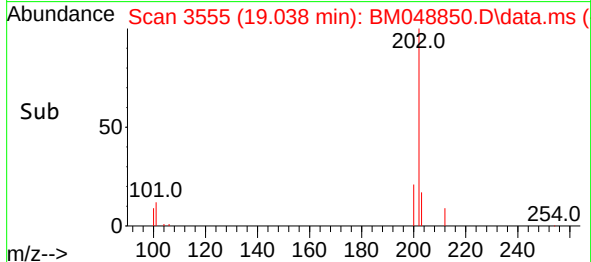
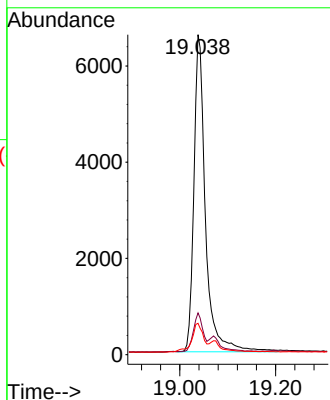
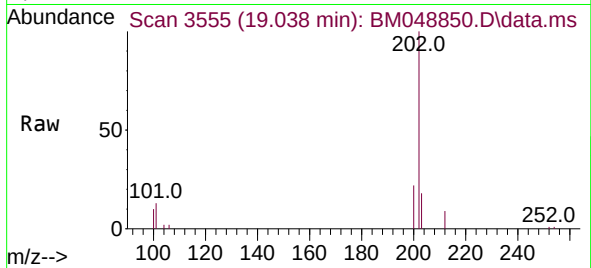




#19
Fluoranthene
Concen: 0.398 ng/ul
RT: 19.038 min Scan# 311
Delta R.T. -0.005 min
Lab File: BM048850.D
Acq: 06 Dec 2024 01:13

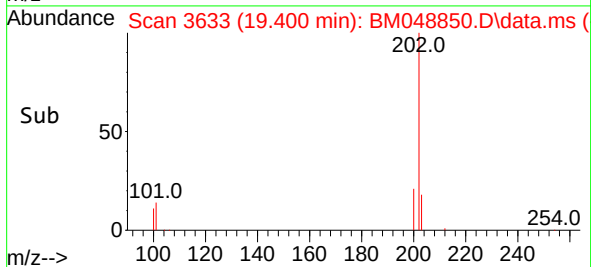
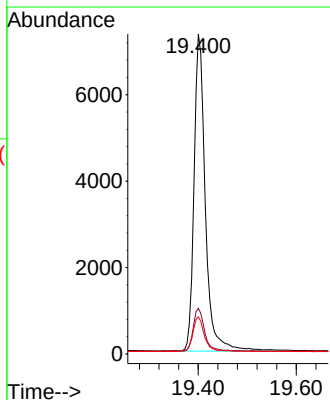
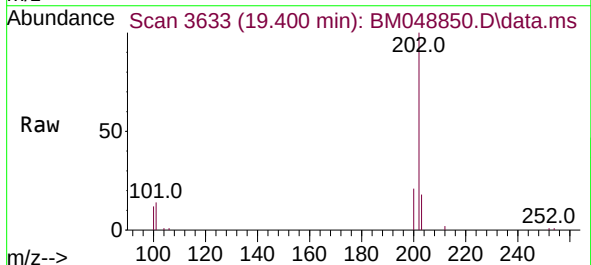
Instrument :
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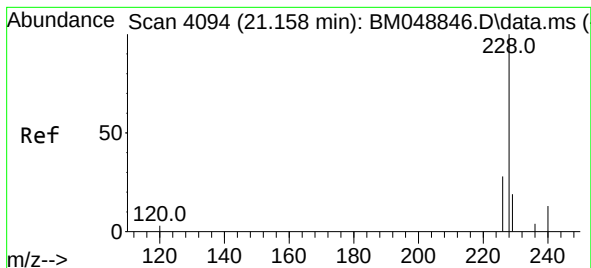
Tgt Ion:202 Resp: 11116
Ion Ratio Lower Upper
202 100
101 13.1 9.7 14.5
100 9.8 7.5 11.3



#20
Pyrene
Concen: 0.405 ng/ul
RT: 19.400 min Scan# 3633
Delta R.T. -0.000 min
Lab File: BM048850.D
Acq: 06 Dec 2024 01:13

Tgt Ion:202 Resp: 11769
Ion Ratio Lower Upper
202 100
101 14.3 11.6 17.4
100 11.6 9.4 14.0





#21

Benzo(a)anthracene

Concen: 0.481 ng/ul

RT: 21.158 min Scan# 4094

Delta R.T. -0.000 min

Lab File: BM048850.D

Acq: 06 Dec 2024 01:13

Instrument :

BNA_M

ClientSampleId :

BHJ96MS

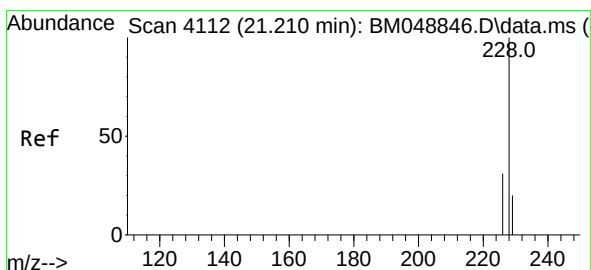
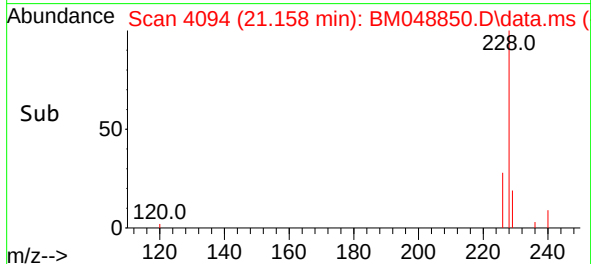
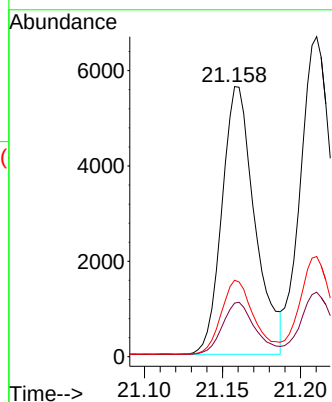
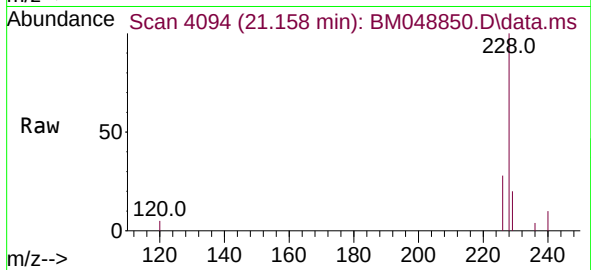
Tgt Ion:228 Resp: 8250

Ion Ratio Lower Upper

228 100

229 19.8 17.0 25.6

226 28.4 22.5 33.7



#22

Chrysene

Concen: 0.403 ng/ul

RT: 21.210 min Scan# 4112

Delta R.T. -0.000 min

Lab File: BM048850.D

Acq: 06 Dec 2024 01:13

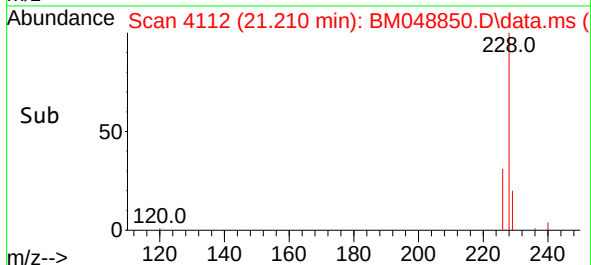
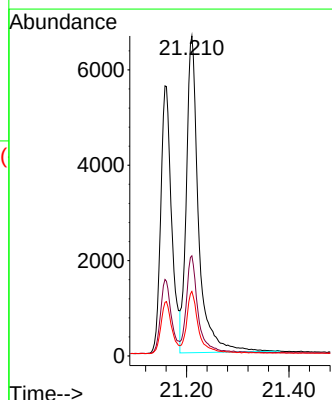
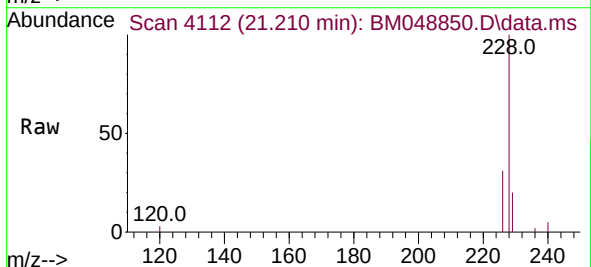
Tgt Ion:228 Resp: 10948

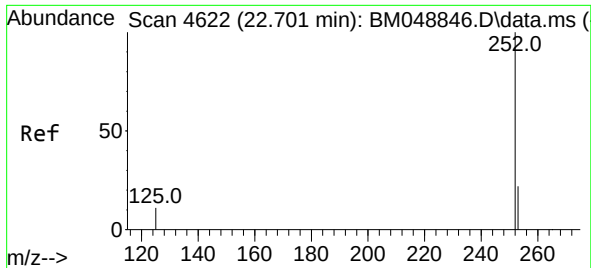
Ion Ratio Lower Upper

228 100

226 31.3 24.6 37.0

229 20.2 16.1 24.1

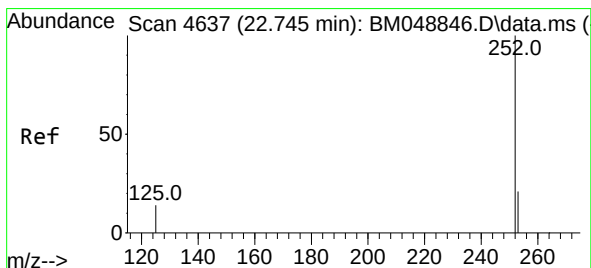
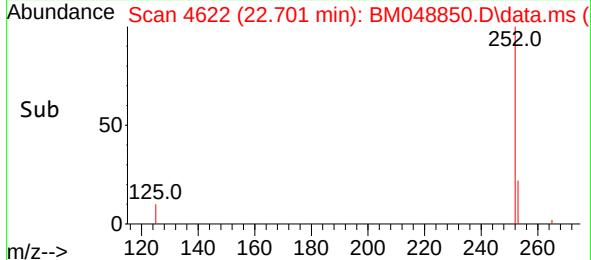
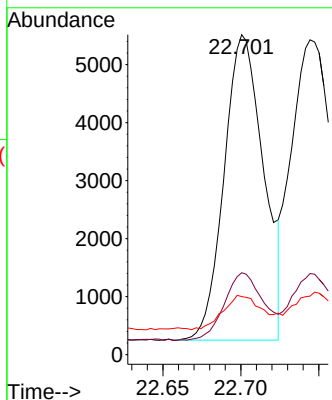
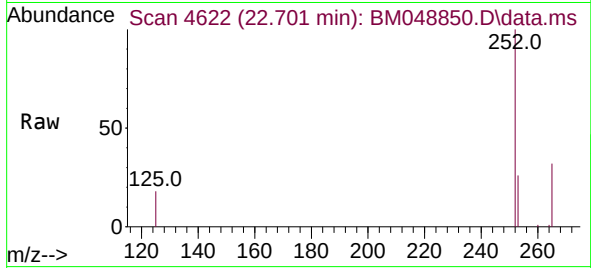




#24
Benzo(b)fluoranthene
Concen: 0.494 ng/ul
RT: 22.701 min Scan# 4622
Delta R.T. -0.000 min
Lab File: BM048850.D
Acq: 06 Dec 2024 01:13

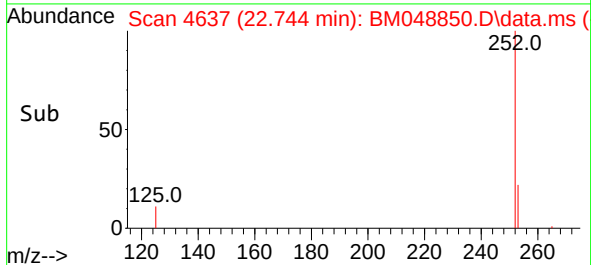
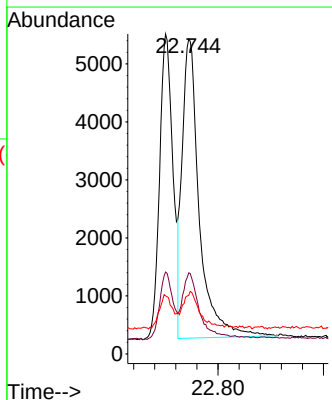
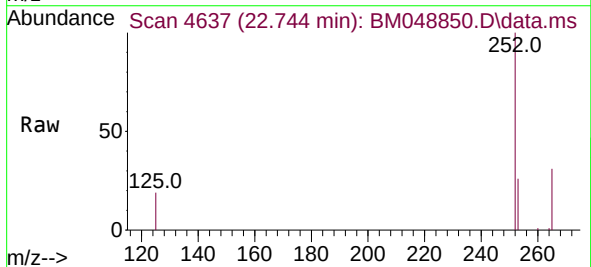
Instrument :
BNA_M
ClientSampleId :
BHJ96MS

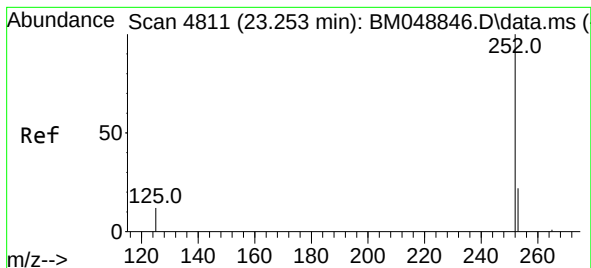
Tgt Ion:252	Resp:	9276
Ion Ratio	Lower	Upper
252	100	
253	25.6	0.0 54.2
125	18.1	0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.441 ng/ul
RT: 22.744 min Scan# 4637
Delta R.T. -0.000 min
Lab File: BM048850.D
Acq: 06 Dec 2024 01:13

Tgt Ion:252	Resp:	11614
Ion Ratio	Lower	Upper
252	100	
253	25.8	20.8 31.2
125	18.6	16.2 24.4





#26

Benzo(a)pyrene

Concen: 0.433 ng/ul

RT: 23.253 min Scan# 4811

Delta R.T. -0.000 min

Lab File: BM048850.D

Acq: 06 Dec 2024 01:13

Instrument :

BNA_M

ClientSampleId :

BHJ96MS

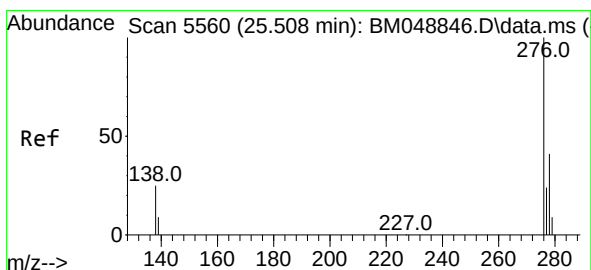
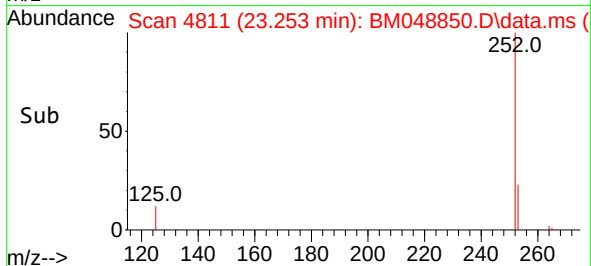
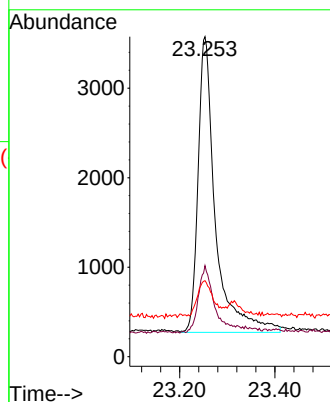
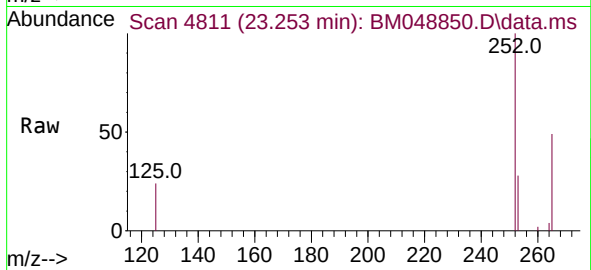
Tgt Ion:252 Resp: 8339

Ion Ratio Lower Upper

252 100

253 28.4 22.5 33.7

125 23.7 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.460 ng/ul

RT: 25.511 min Scan# 5561

Delta R.T. 0.003 min

Lab File: BM048850.D

Acq: 06 Dec 2024 01:13

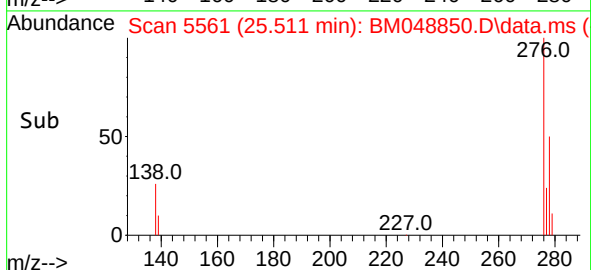
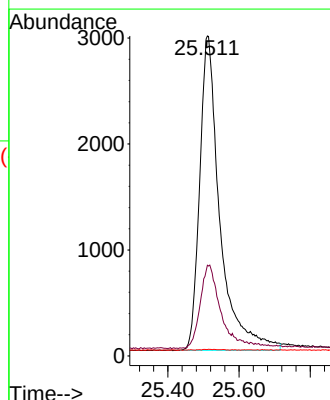
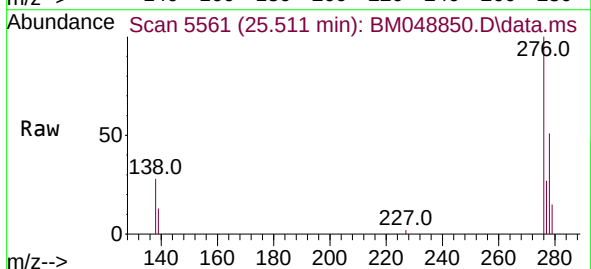
Tgt Ion:276 Resp: 11699

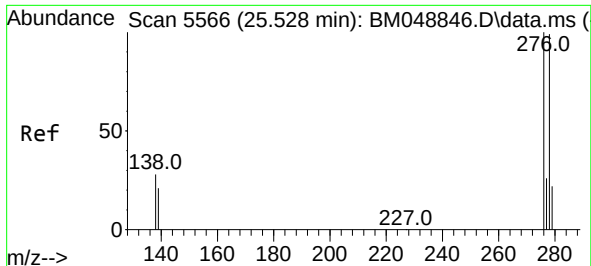
Ion Ratio Lower Upper

276 100

138 28.1 23.3 34.9

227 0.0 0.1 0.1#

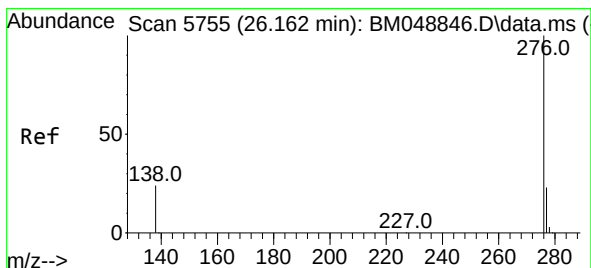
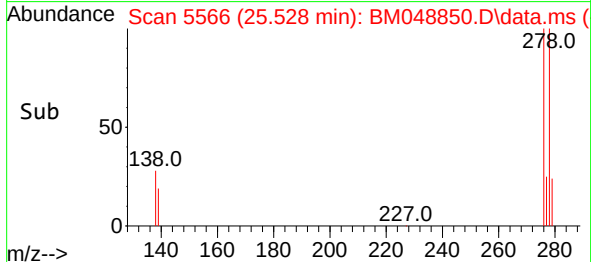
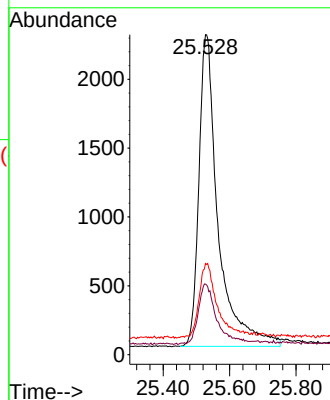
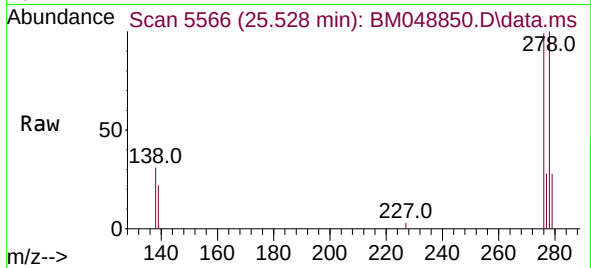




#28
Dibenzo(a,h)anthracene
Concen: 0.479 ng/ul
RT: 25.528 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM048850.D
Acq: 06 Dec 2024 01:13

Instrument :
BNA_M
ClientSampleId :
BHJ96MS

Tgt Ion:278 Resp: 9108
Ion Ratio Lower Upper
278 100
139 22.0 18.6 27.8
279 28.5 24.7 37.1



#29
Benzo(g,h,i)perylene
Concen: 0.444 ng/ul
RT: 26.165 min Scan# 5756
Delta R.T. 0.003 min
Lab File: BM048850.D
Acq: 06 Dec 2024 01:13

Tgt Ion:276 Resp: 9802
Ion Ratio Lower Upper
276 100
138 25.5 22.2 33.2
277 25.6 21.8 32.6

