

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
 Data File : BM048844.D
 Acq On : 05 Dec 2024 21:02
 Operator : RC/JU
 Sample : PB165389BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS389

Quant Time: Dec 05 23:10:59 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 : Tue Dec 03 00:22:16 2024
 Response via : Initial Calibration

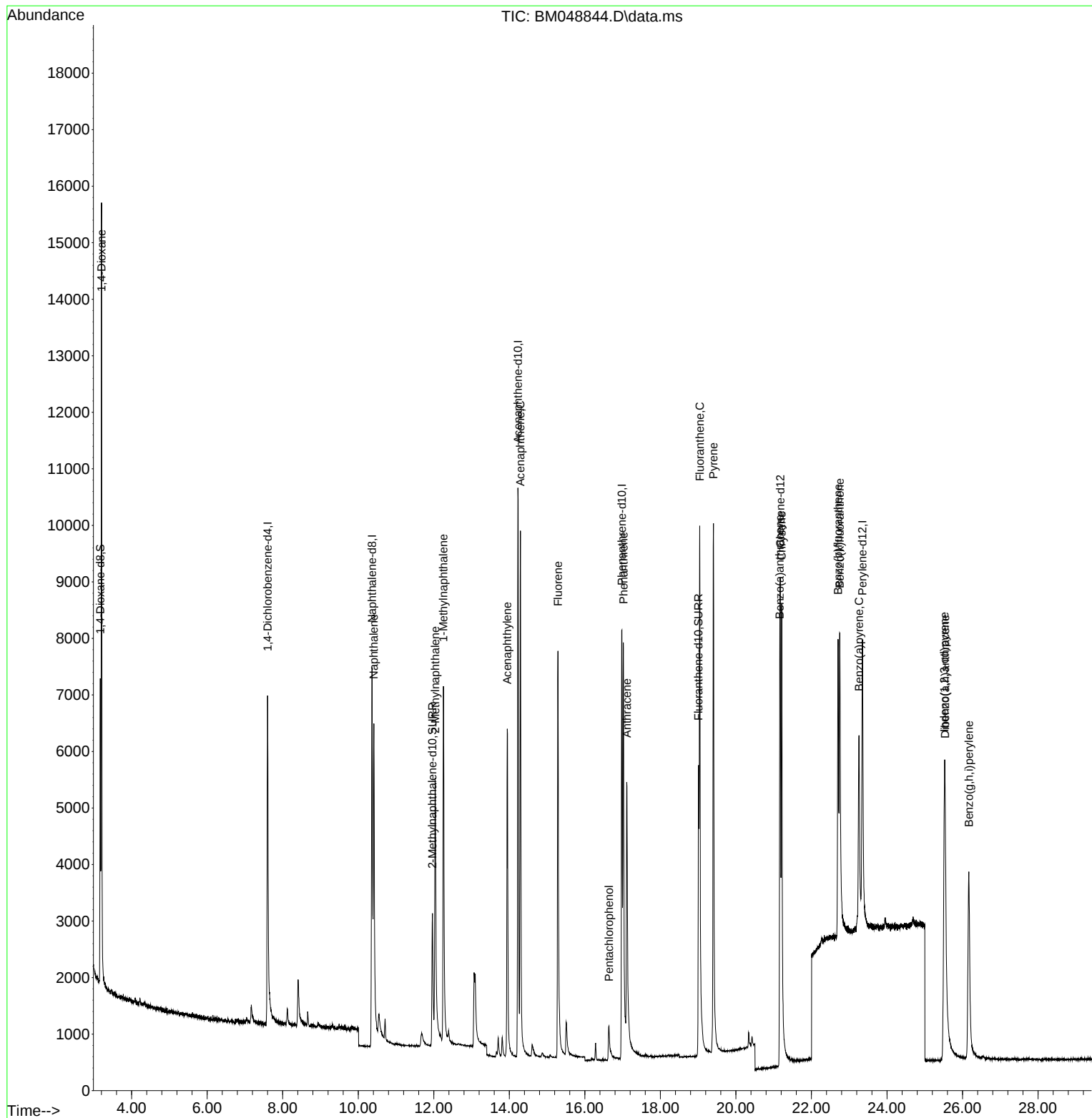
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.598	152	4248	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.363	136	11884	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.228	164	6417	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.980	188	12014	0.400	ng/ul	0.00
17) Chrysene-d12	21.175	240	6790	0.400	ng/ul	-0.01
23) Perylene-d12	23.350	264	7715	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	3015	0.556	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.964	152	4795	0.335	ng/ul	-0.01
18) Fluoranthene-d10	19.010	212	7695	0.367	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	8702	1.355	ng/ul#	82
5) Naphthalene	10.413	128	9180	0.306	ng/ul	100
7) 2-Methylnaphthalene	12.035	142	5365	0.309	ng/ul	97
8) 1-Methylnaphthalene	12.255	142	5663	0.308	ng/ul	99
10) Acenaphthylene	13.946	152	8071	0.287	ng/ul	100
11) Acenaphthene	14.293	153	6083	0.300	ng/ul	98
12) Fluorene	15.287	166	6369	0.303	ng/ul	97
14) Pentachlorophenol	16.638	266	879	0.846	ng/ul#	6
15) Phenanthrene	17.022	178	9214	0.303	ng/ul	99
16) Anthracene	17.110	178	7879	0.290	ng/ul	99
19) Fluoranthene	19.043	202	9876	0.316	ng/ul	99
20) Pyrene	19.405	202	10075	0.310	ng/ul	99
21) Benzo(a)anthracene	21.161	228	6471	0.338	ng/ul	99
22) Chrysene	21.213	228	9102	0.300	ng/ul	100
24) Benzo(b)fluoranthene	22.704	252	7309	0.337	ng/ul	99
25) Benzo(k)fluoranthene	22.747	252	9472	0.312	ng/ul	99
26) Benzo(a)pyrene	23.259	252	6958	0.313	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.521	276	9593	0.327	ng/ul	97
28) Dibenzo(a,h)anthracene	25.538	278	7432	0.339	ng/ul	98
29) Benzo(g,h,i)perylene	26.168	276	8148	0.320	ng/ul	98

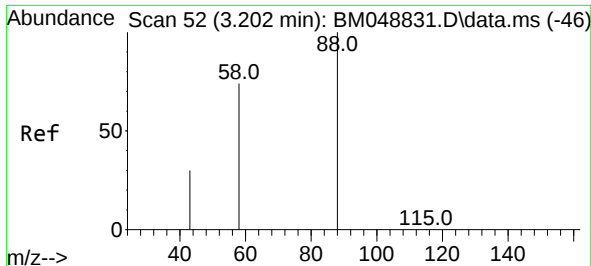
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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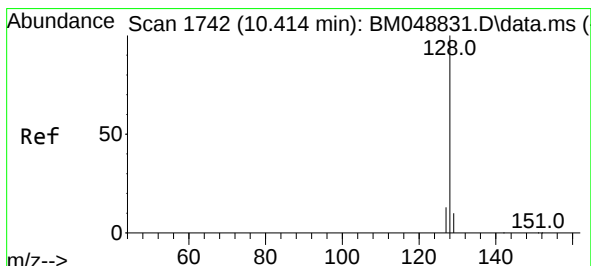
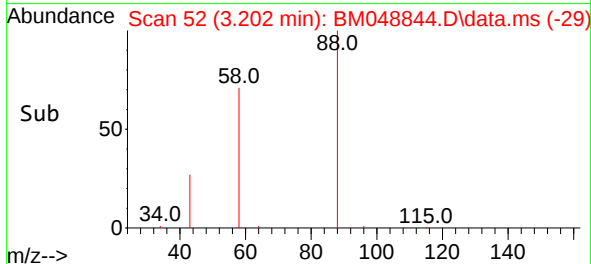
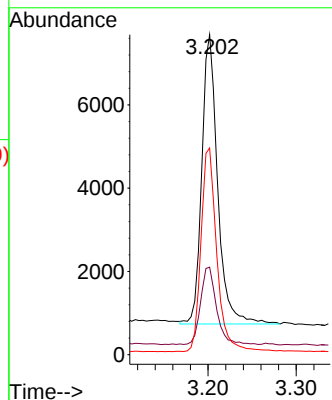
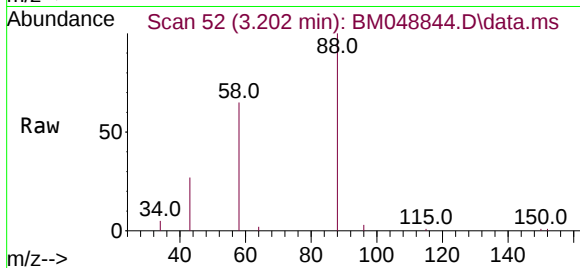




#2
1,4-Dioxane
Concen: 1.355 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02

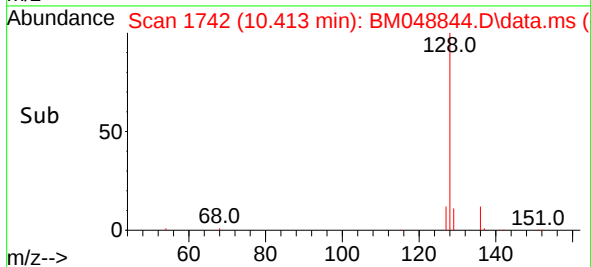
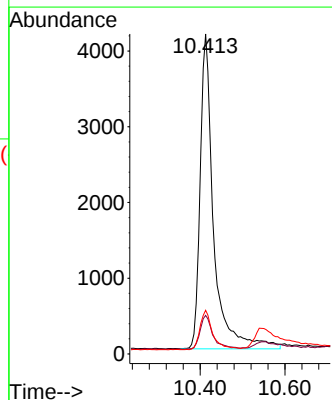
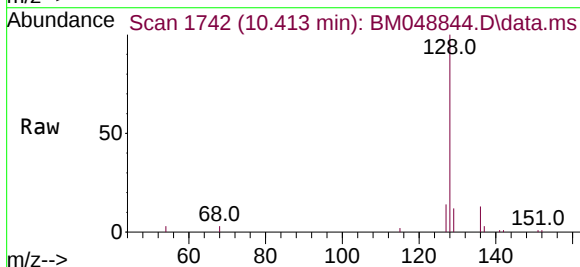
Instrument :
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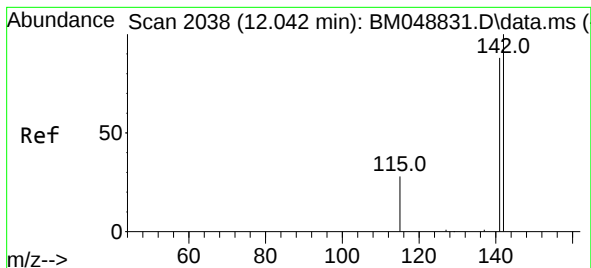
Tgt Ion: 88 Resp: 8702
Ion Ratio Lower Upper
88 100
43 27.4 20.6 30.8
58 64.6 37.6 56.4#



#5
Naphthalene
Concen: 0.306 ng/ul
RT: 10.413 min Scan# 1742
Delta R.T. -0.012 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02

Tgt Ion: 128 Resp: 9180
Ion Ratio Lower Upper
128 100
129 12.1 9.6 14.4
127 13.6 10.7 16.1

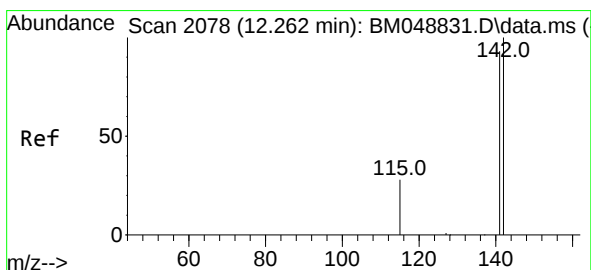
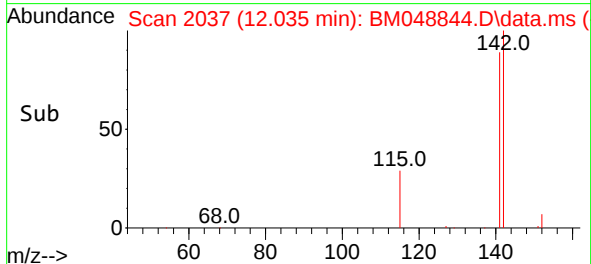
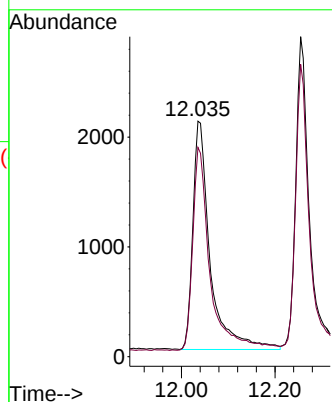
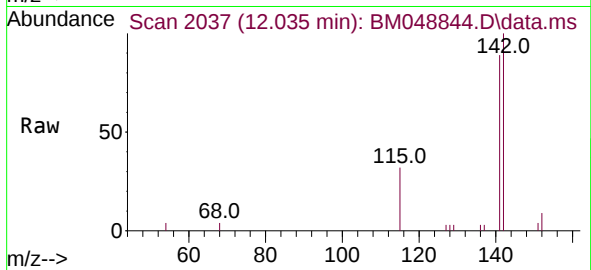




#7
2-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.035 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02

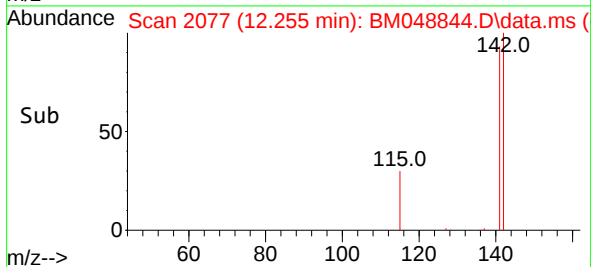
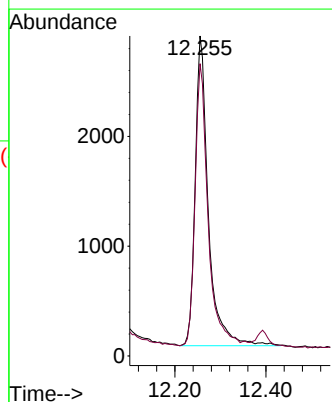
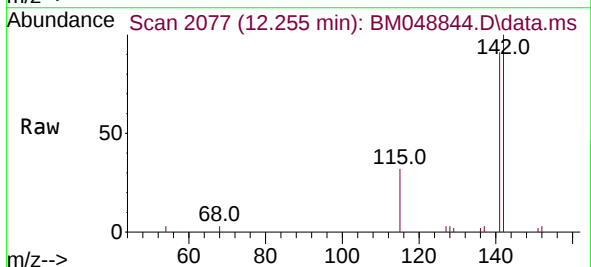
Instrument :
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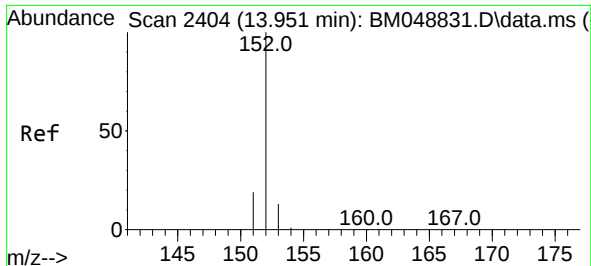
Tgt Ion:142 Resp: 5365
Ion Ratio Lower Upper
142 100
141 88.9 73.0 109.6



#8
1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.255 min Scan# 2077
Delta R.T. -0.012 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02

Tgt Ion:142 Resp: 5663
Ion Ratio Lower Upper
142 100
141 90.1 72.5 108.7

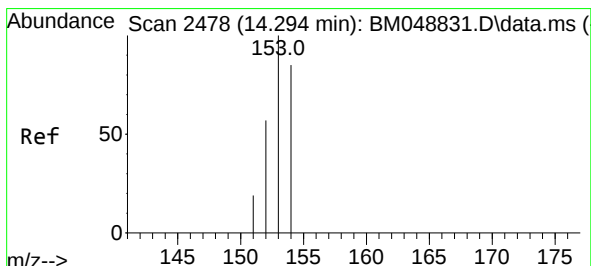
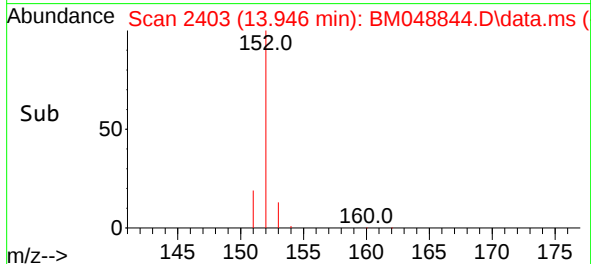
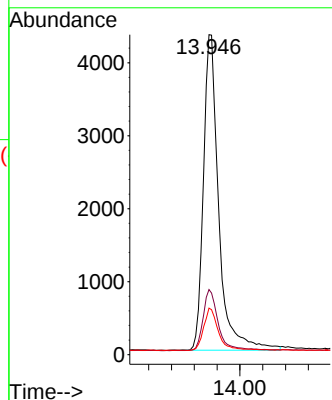
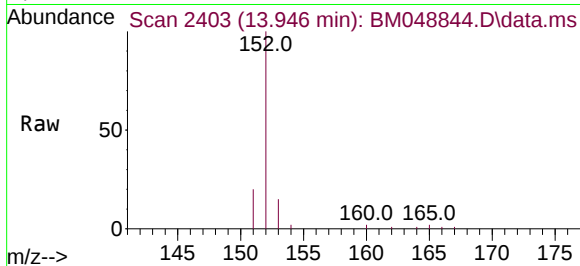




#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 13.946 min Scan# 2403
Delta R.T. -0.015 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02

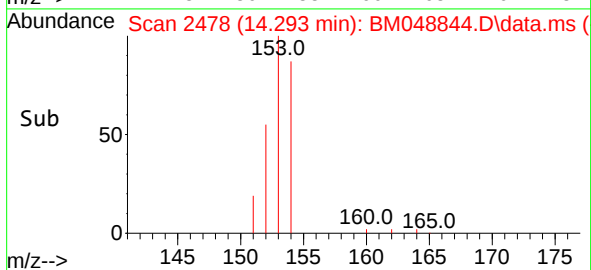
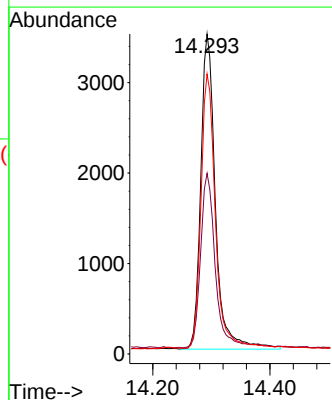
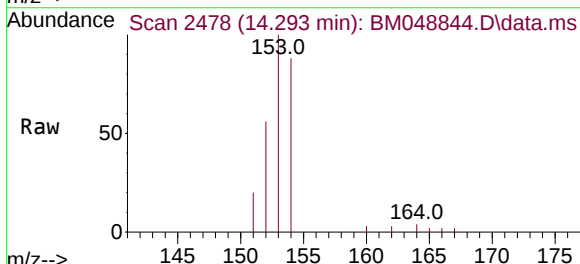
Instrument :
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ClientSampleId :
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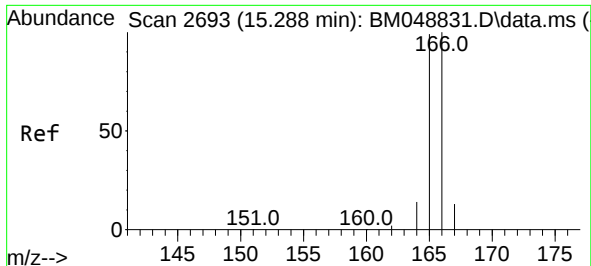
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	14.5	11.7	17.5



#11
Acenaphthene
Concen: 0.300 ng/ul
RT: 14.293 min Scan# 2478
Delta R.T. -0.010 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02

Tgt Ion	Ratio	Lower	Upper
153	100		
152	56.5	46.5	69.7
154	87.5	68.7	103.1

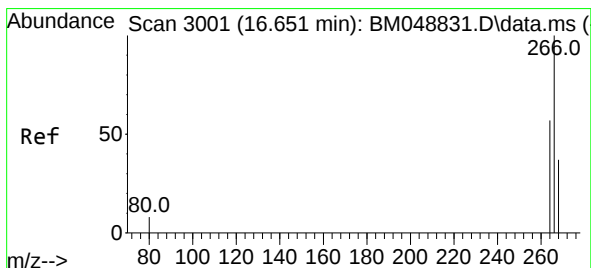
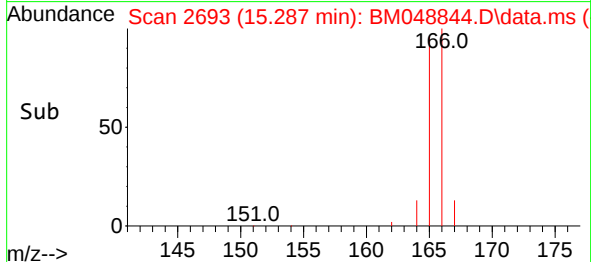
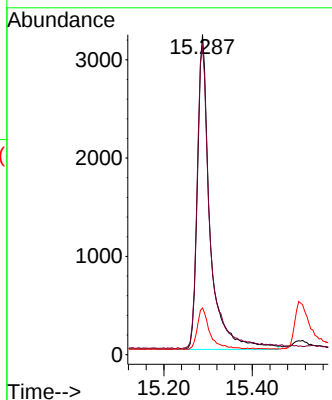
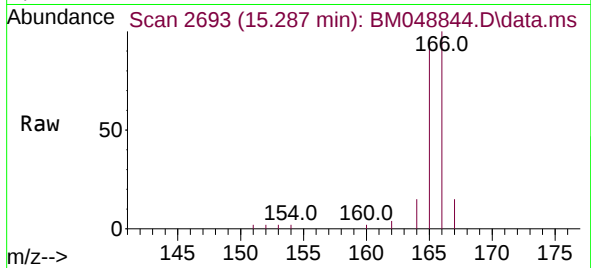




#12
 Fluorene
 Concen: 0.303 ng/ul
 RT: 15.287 min Scan# 2098
 Delta R.T. -0.010 min
 Lab File: BM048844.D
 Acq: 05 Dec 2024 21:02

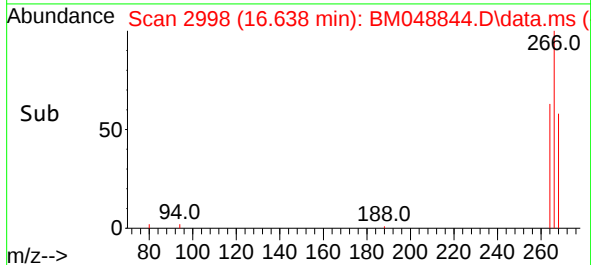
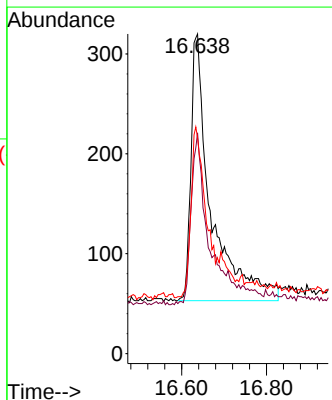
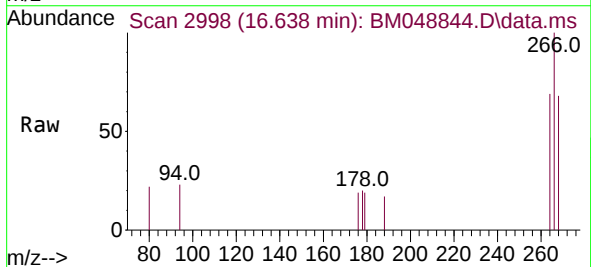
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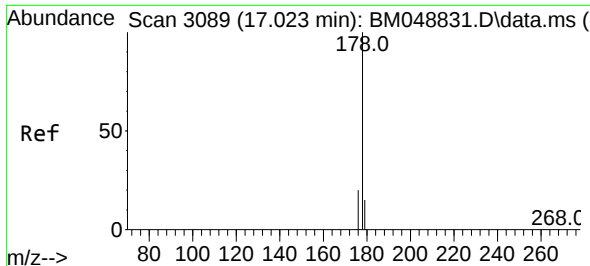
Tgt Ion:166 Resp: 6369
 Ion Ratio Lower Upper
 166 100
 165 96.2 79.8 119.6
 167 14.6 12.2 18.2



#14
 Pentachlorophenol
 Concen: 0.846 ng/ul
 RT: 16.638 min Scan# 2998
 Delta R.T. -0.018 min
 Lab File: BM048844.D
 Acq: 05 Dec 2024 21:02

Tgt Ion:266 Resp: 879
 Ion Ratio Lower Upper
 266 100
 264 61.4 15.3 22.9#
 268 56.9 0.0 0.0#

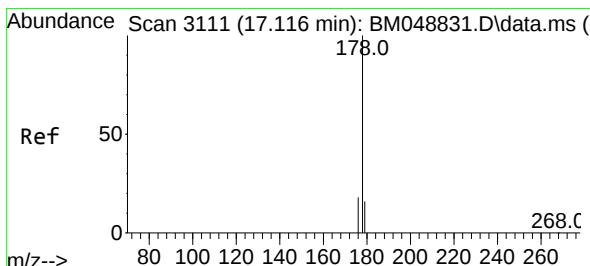
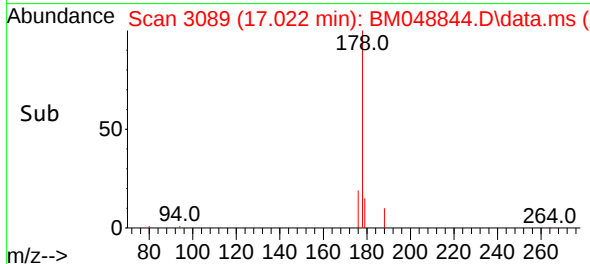
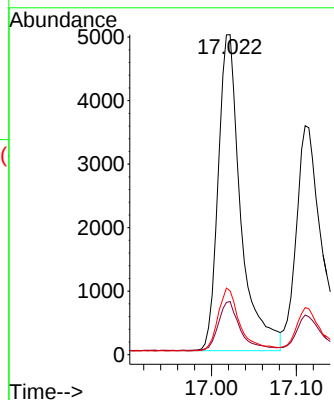
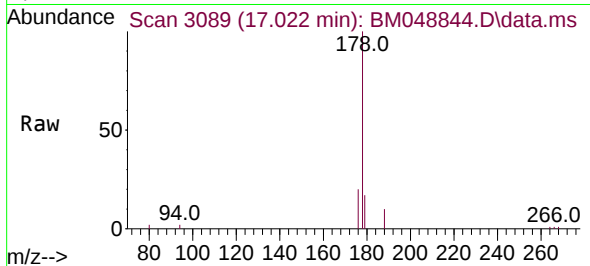




#15
Phenanthrene
Concen: 0.303 ng/u1
RT: 17.022 min Scan# 3089
Delta R.T. -0.010 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02

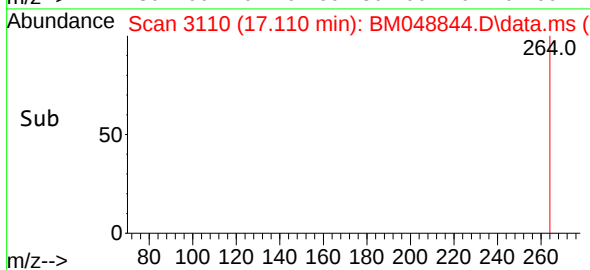
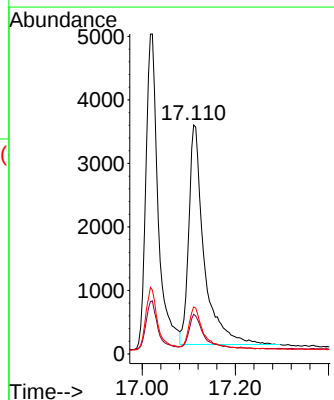
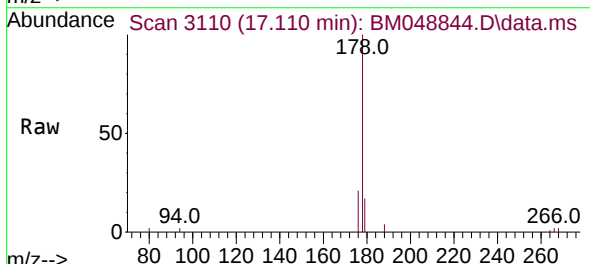
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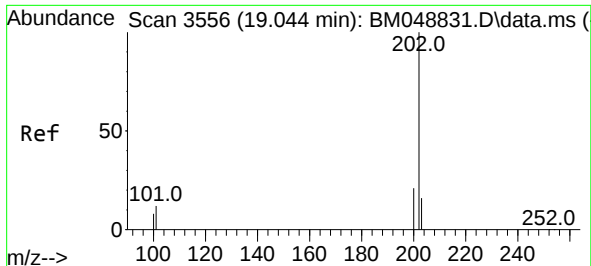
Tgt Ion:178 Resp: 9214
Ion Ratio Lower Upper
178 100
179 16.6 13.4 20.0
176 19.9 16.2 24.4



#16
Anthracene
Concen: 0.290 ng/u1
RT: 17.110 min Scan# 3110
Delta R.T. -0.014 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02

Tgt Ion:178 Resp: 7879
Ion Ratio Lower Upper
178 100
179 17.3 14.0 21.0
176 20.5 17.0 25.4

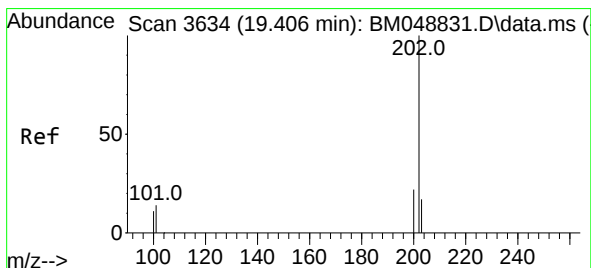
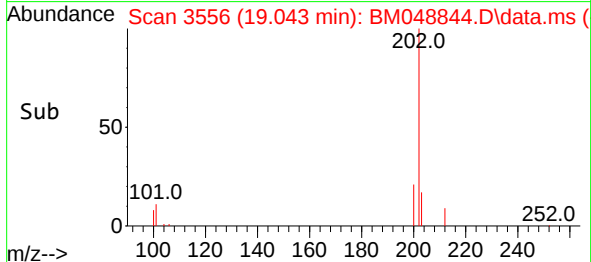
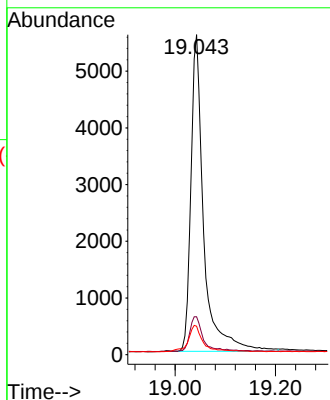
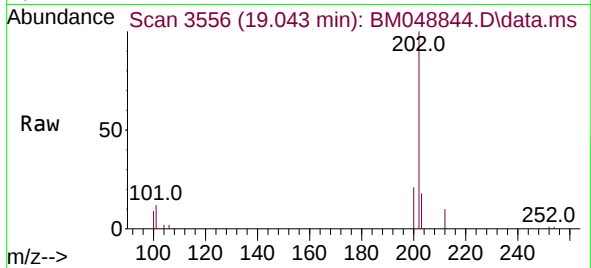




#19
Fluoranthene
Concen: 0.316 ng/ul
RT: 19.043 min Scan# 31
Delta R.T. -0.010 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02

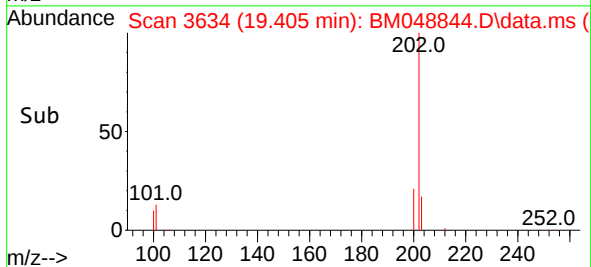
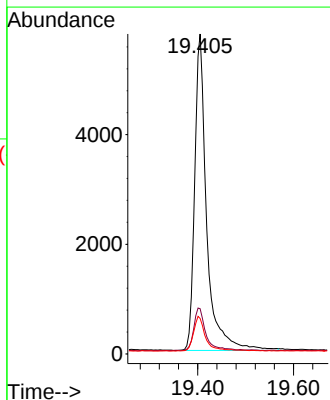
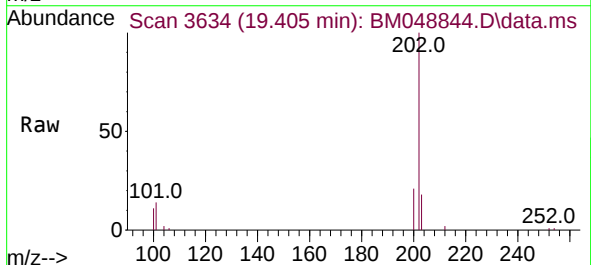
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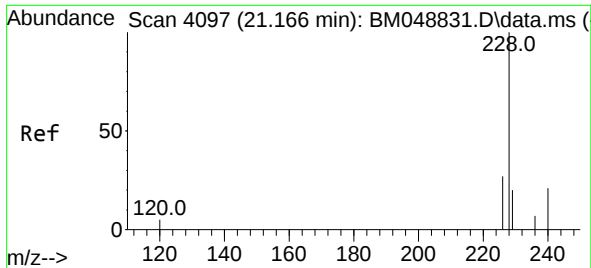
Tgt Ion:202 Resp: 9876
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 8.9 7.5 11.3



#20
Pyrene
Concen: 0.310 ng/ul
RT: 19.405 min Scan# 3634
Delta R.T. -0.010 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02

Tgt Ion:202 Resp: 10075
Ion Ratio Lower Upper
202 100
101 14.1 11.6 17.4
100 11.1 9.4 14.0

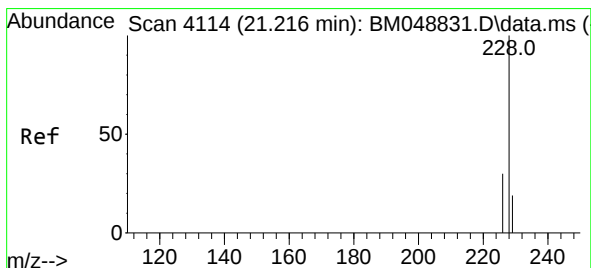
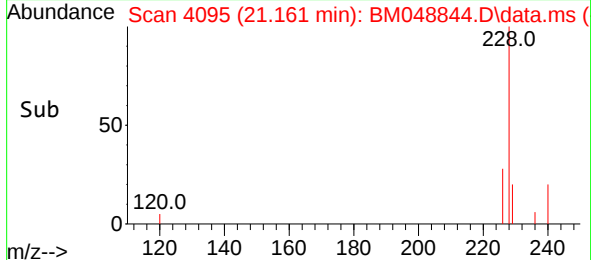
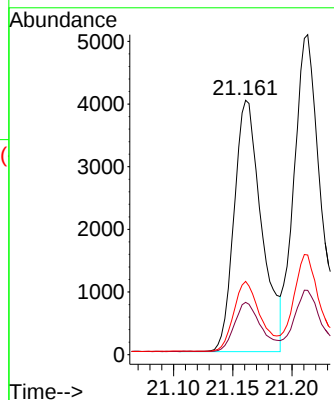
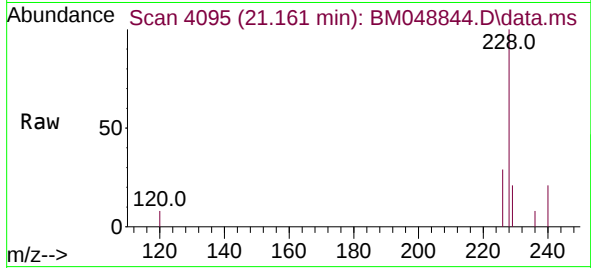




#21
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.161 min Scan# 4097
Delta R.T. -0.011 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02

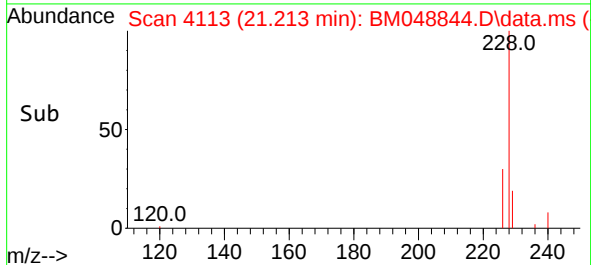
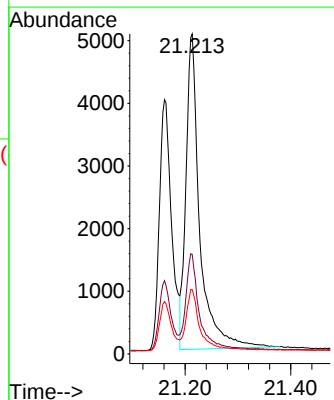
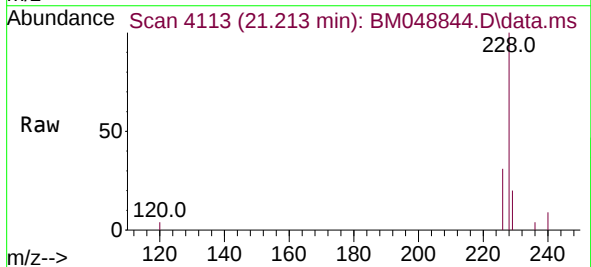
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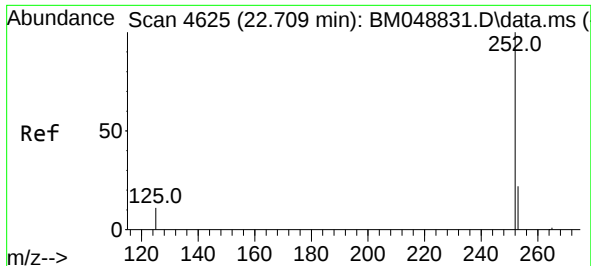
Tgt Ion:228 Resp: 6471
Ion Ratio Lower Upper
228 100
229 20.6 17.0 25.6
226 28.8 22.5 33.7



#22
Chrysene
Concen: 0.300 ng/ul
RT: 21.213 min Scan# 4113
Delta R.T. -0.008 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02

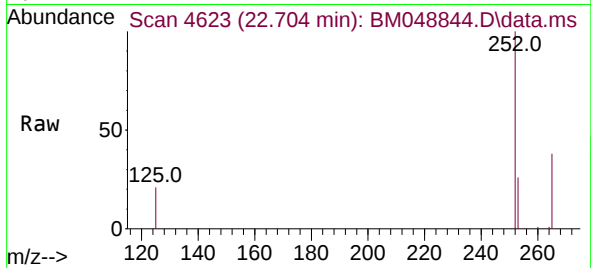
Tgt Ion:228 Resp: 9102
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 20.1 16.1 24.1



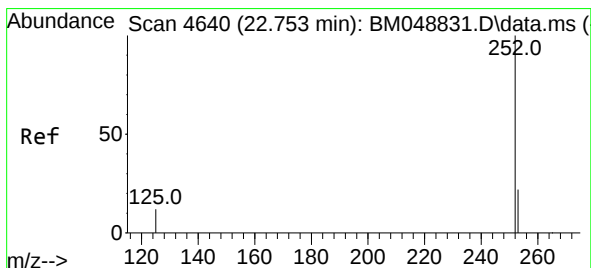
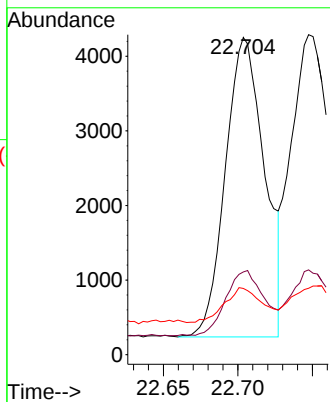
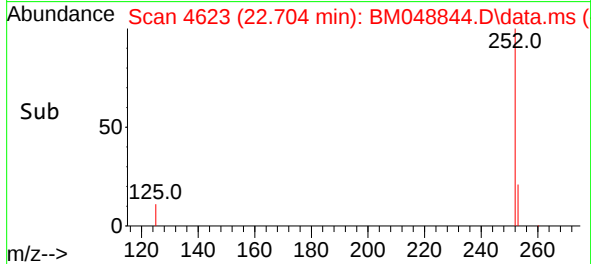


#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 22.704 min Scan# 4623
Delta R.T. -0.017 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02

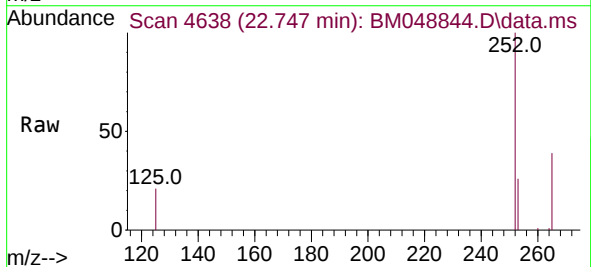
Instrument :
BNA_M
ClientSampleId :
SLCS389



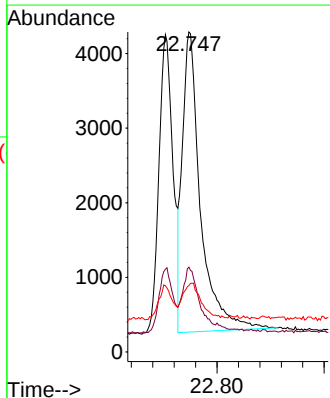
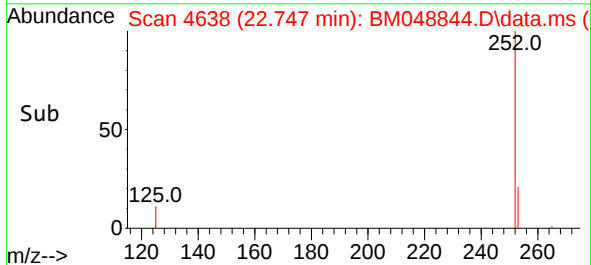
Tgt Ion:252 Resp: 7309
Ion Ratio Lower Upper
252 100
253 26.1 0.0 54.2
125 20.9 0.0 41.4

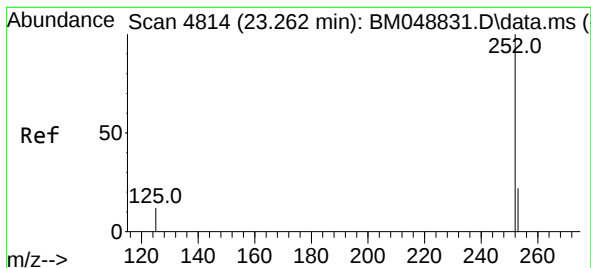


#25
Benzo(k)fluoranthene
Concen: 0.312 ng/ul
RT: 22.747 min Scan# 4638
Delta R.T. -0.017 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02



Tgt Ion:252 Resp: 9472
Ion Ratio Lower Upper
252 100
253 26.5 20.8 31.2
125 20.8 16.2 24.4





#26

Benzo(a)pyrene

Concen: 0.313 ng/ul

RT: 23.259 min Scan# 4813

Delta R.T. -0.014 min

Lab File: BM048844.D

Acq: 05 Dec 2024 21:02

Instrument :

BNA_M

ClientSampleId :

SLCS389

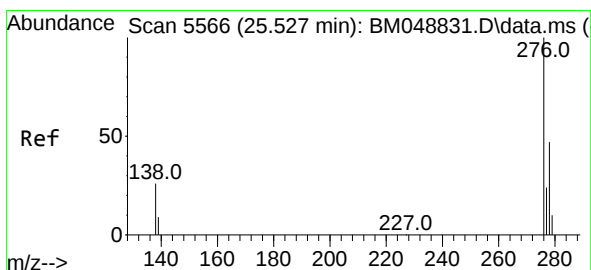
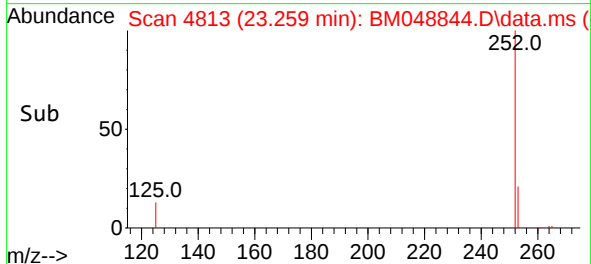
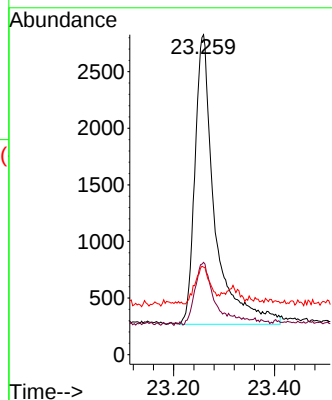
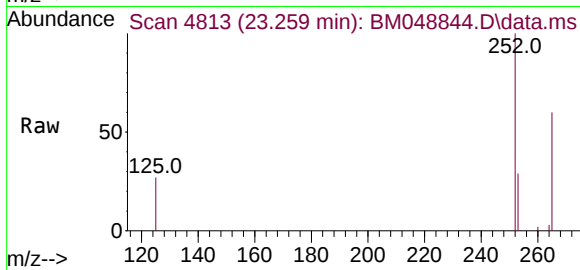
Tgt Ion:252 Resp: 6958

Ion Ratio Lower Upper

252 100

253 28.9 22.5 33.7

125 27.3 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.327 ng/ul

RT: 25.521 min Scan# 5564

Delta R.T. -0.026 min

Lab File: BM048844.D

Acq: 05 Dec 2024 21:02

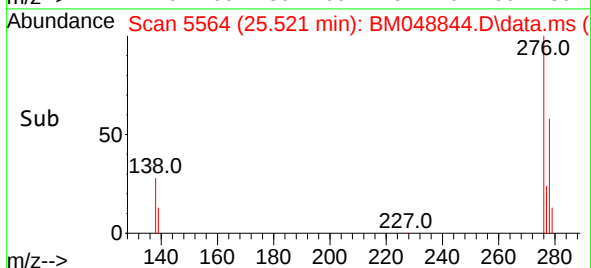
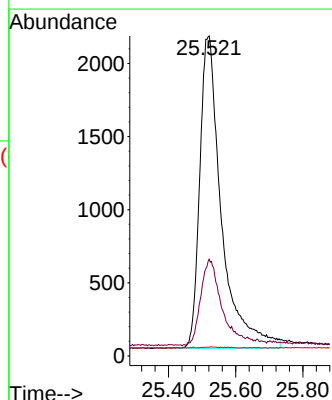
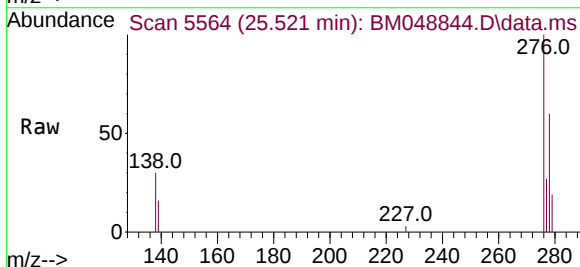
Tgt Ion:276 Resp: 9593

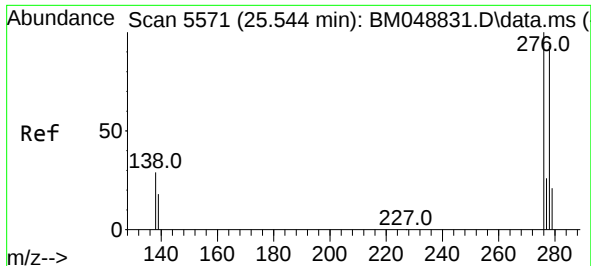
Ion Ratio Lower Upper

276 100

138 27.4 23.3 34.9

227 0.1 0.1 0.1

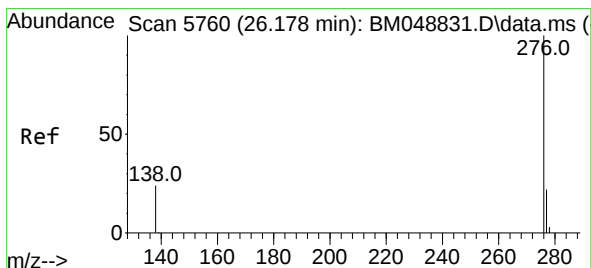
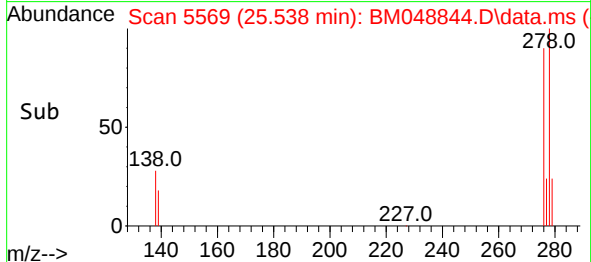
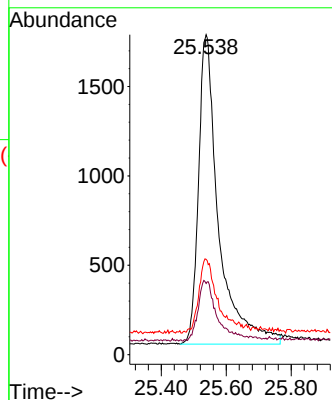
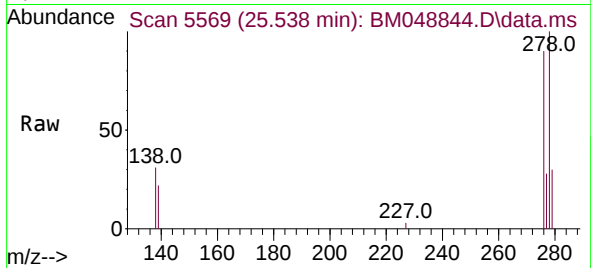




#28
Dibenzo(a,h)anthracene
Concen: 0.339 ng/ul
RT: 25.538 min Scan# 51
Delta R.T. -0.026 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02

Instrument :
BNA_M
ClientSampleId :
SLCS389

Tgt Ion:278 Resp: 7432
Ion Ratio Lower Upper
278 100
139 22.2 18.6 27.8
279 29.8 24.7 37.1



#29
Benzo(g,h,i)perylene
Concen: 0.320 ng/ul
RT: 26.168 min Scan# 5757
Delta R.T. -0.026 min
Lab File: BM048844.D
Acq: 05 Dec 2024 21:02

Tgt Ion:276 Resp: 8148
Ion Ratio Lower Upper
276 100
138 25.8 22.2 33.2
277 26.7 21.8 32.6

