

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
 Data File : BM048765.D
 Acq On : 17 Nov 2024 05:46
 Operator : RC/JU
 Sample : PB165000BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS000

Quant Time: Nov 17 22:51:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 17 22:31:02 2024
 Response via : Initial Calibration

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

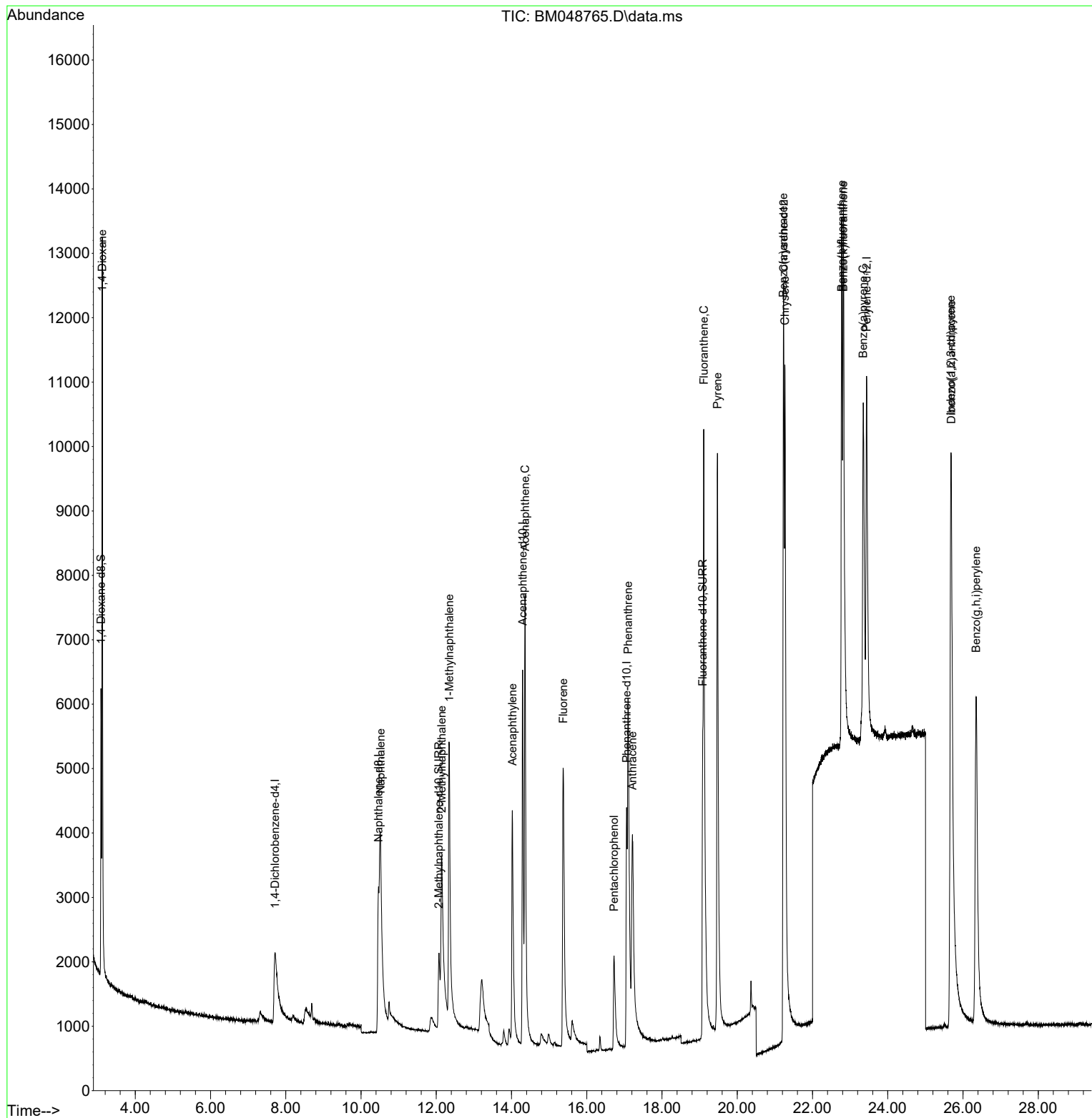
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2280	0.400	ng/ul	0.04
4) Naphthalene-d8	10.465	136	8818	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.295	164	5310	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.058	188	10295	0.400	ng/ul	0.01
17) Chrysene-d12	21.234	240	9189	0.400	ng/ul	0.00
23) Perylene-d12	23.438	264	10639	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	2720	0.989	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.070	152	4446	0.390	ng/ul	0.02
18) Fluoranthene-d10	19.082	212	10223	0.396	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	7699	2.435	ng/ul#	63
5) Naphthalene	10.520	128	8765	0.397	ng/ul	95
7) 2-Methylnaphthalene	12.147	142	4957	0.357	ng/ul	93
8) 1-Methylnaphthalene	12.345	142	5890	0.414	ng/ul	100
10) Acenaphthylene	14.022	152	8130	0.403	ng/ul	98
11) Acenaphthene	14.360	153	6446	0.400	ng/ul	98
12) Fluorene	15.373	166	6797	0.388	ng/ul	99
14) Pentachlorophenol	16.724	266	2361	0.625	ng/ul	99
15) Phenanthrene	17.100	178	9624	0.356	ng/ul	98
16) Anthracene	17.214	178	8659	0.344	ng/ul	97
19) Fluoranthene	19.110	202	13187	0.388	ng/ul	99
20) Pyrene	19.473	202	14352	0.389	ng/ul	99
21) Benzo(a)anthracene	21.226	228	10254	0.341	ng/ul	99
22) Chrysene	21.270	228	16327	0.452	ng/ul	99
24) Benzo(b)fluoranthene	22.777	252	12748	0.385	ng/ul	98
25) Benzo(k)fluoranthene	22.821	252	16968	0.436	ng/ul	98
26) Benzo(a)pyrene	23.347	252	13543	0.419	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.679	276	18376	0.407	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.689	278	13949	0.397	ng/ul	98
29) Benzo(g,h,i)perylene	26.350	276	15691	0.414	ng/ul	99

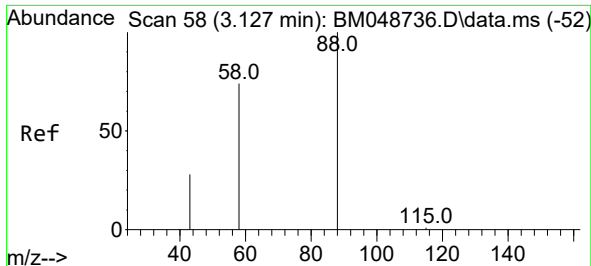
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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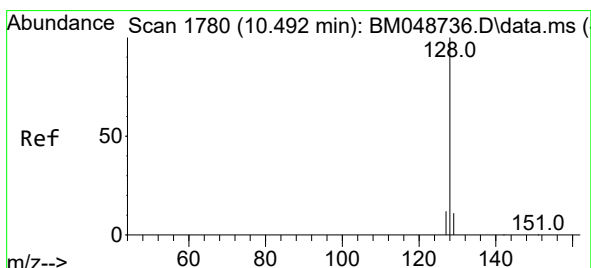
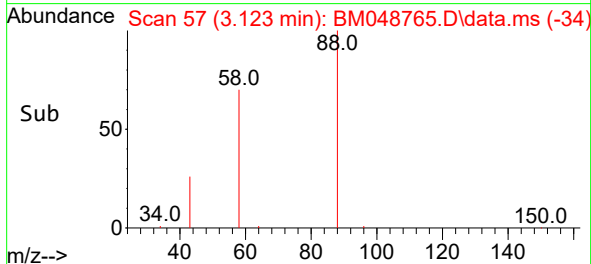
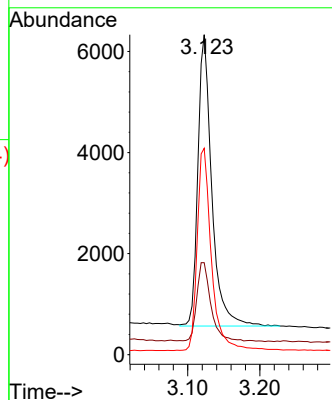
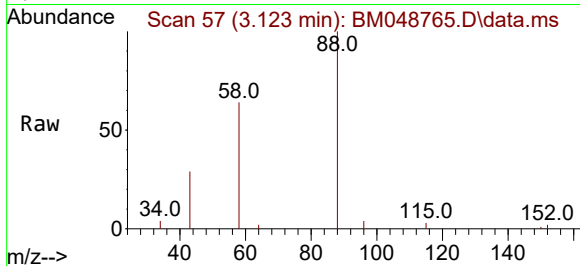




#2
1,4-Dioxane
Concen: 2.435 ng/ul
RT: 3.123 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

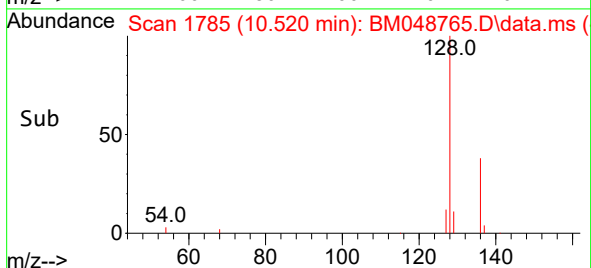
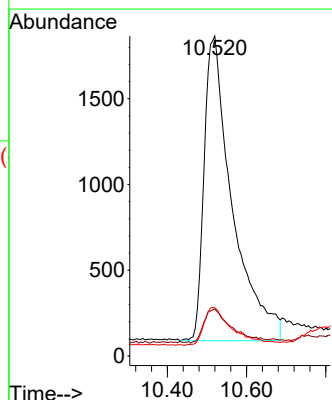
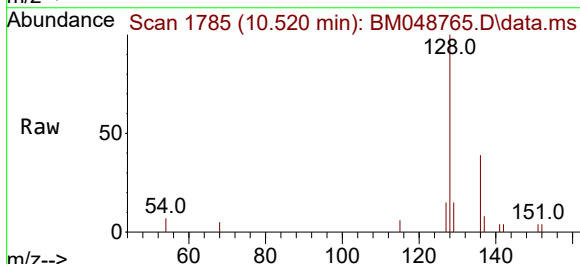
Instrument :
BNA_M
ClientSampleId :
SLCS000

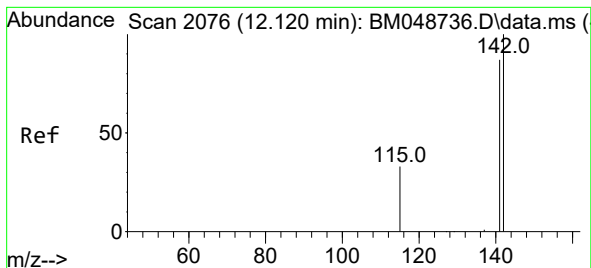
Tgt Ion: 88 Resp: 7699
Ion Ratio Lower Upper
88 100
43 28.8 60.2 90.4#
58 64.5 44.2 66.2



#5
Naphthalene
Concen: 0.397 ng/ul
RT: 10.520 min Scan# 1785
Delta R.T. 0.028 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

Tgt Ion:128 Resp: 8765
Ion Ratio Lower Upper
128 100
129 14.7 10.0 15.0
127 15.1 10.9 16.3

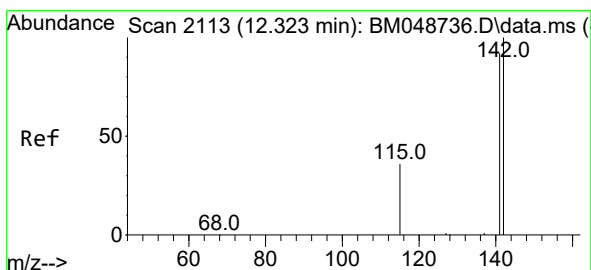
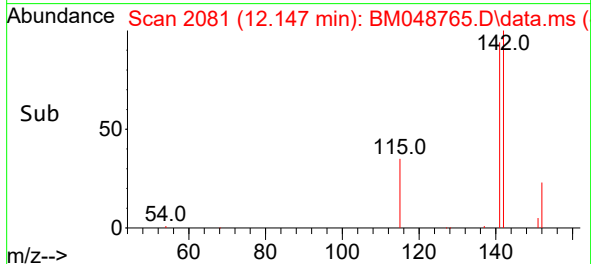
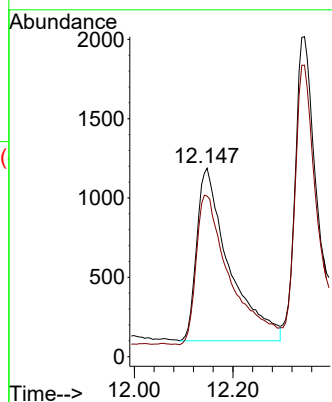
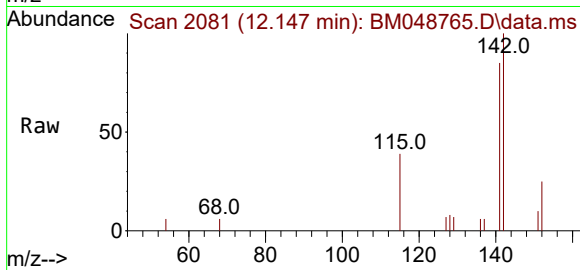




#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.147 min Scan# 2076
Delta R.T. 0.028 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

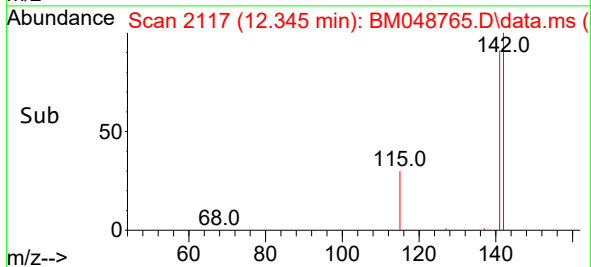
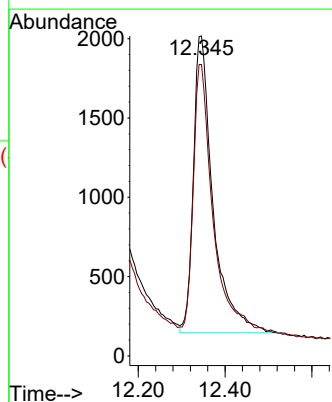
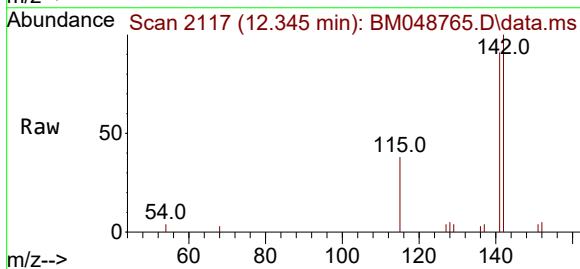
Instrument :
BNA_M
ClientSampleId :
SLCS000

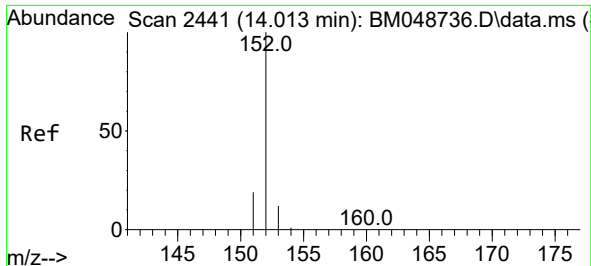
Tgt Ion:142 Resp: 4957
Ion Ratio Lower Upper
142 100
141 92.3 68.6 103.0



#8
1-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.345 min Scan# 2117
Delta R.T. 0.022 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

Tgt Ion:142 Resp: 5890
Ion Ratio Lower Upper
142 100
141 91.2 72.8 109.2

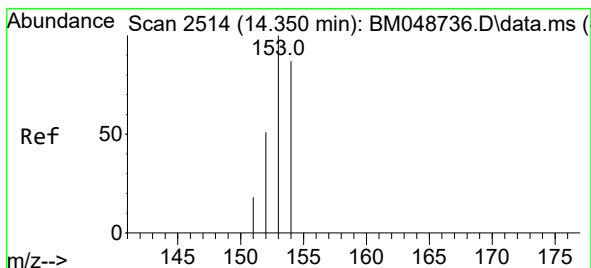
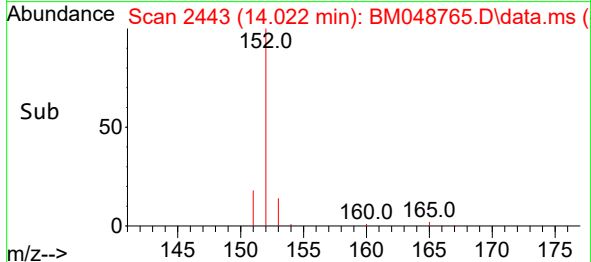
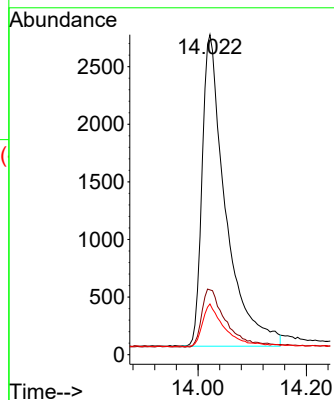
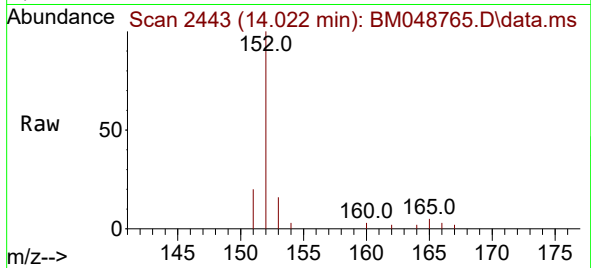




#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 14.022 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

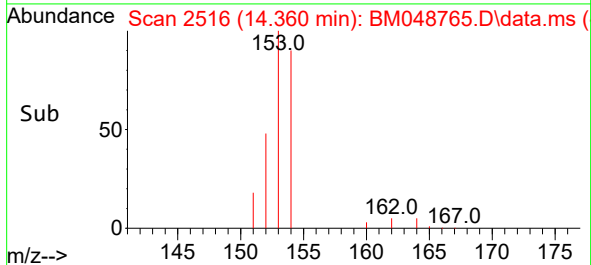
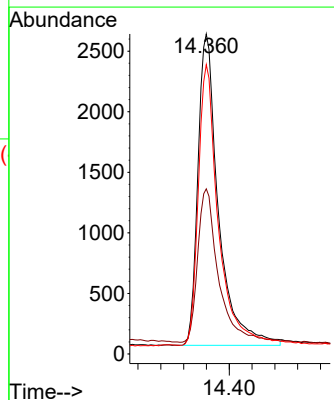
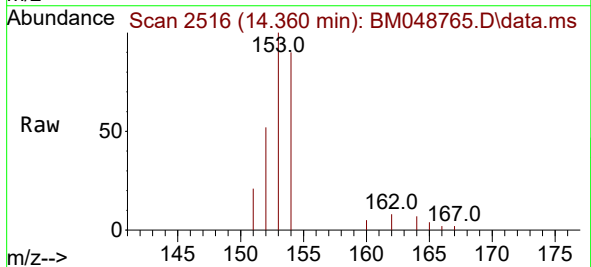
Instrument :
BNA_M
ClientSampleId :
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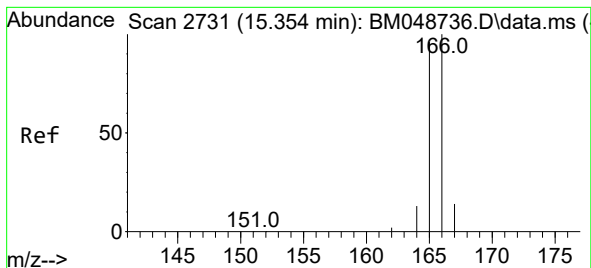
Tgt Ion:152 Resp: 8130
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7
153 15.9 11.6 17.4



#11
Acenaphthene
Concen: 0.400 ng/ul
RT: 14.360 min Scan# 2516
Delta R.T. 0.009 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

Tgt Ion:153 Resp: 6446
Ion Ratio Lower Upper
153 100
152 51.6 41.1 61.7
154 90.4 70.3 105.5





#12

Fluorene

Concen: 0.388 ng/ul

RT: 15.373 min Scan# 21

Delta R.T. 0.019 min

Lab File: BM048765.D

Acq: 17 Nov 2024 05:46

Instrument :

BNA_M

ClientSampleId :

SLCS000

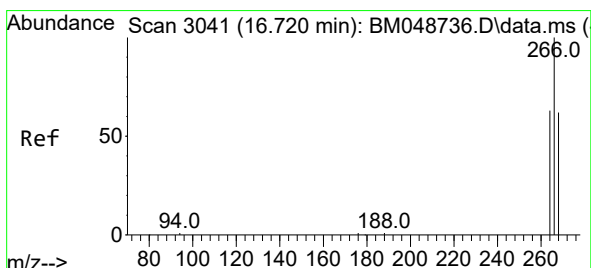
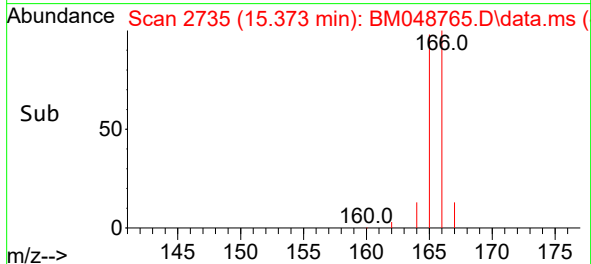
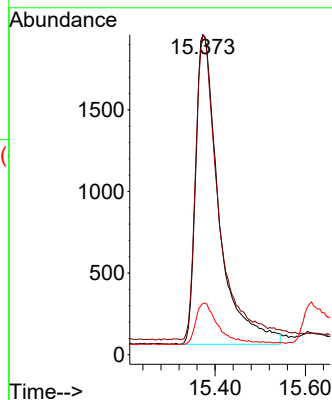
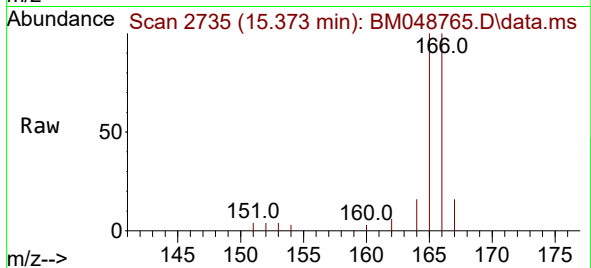
Tgt Ion:166 Resp: 6797

Ion Ratio Lower Upper

166 100

165 99.9 78.7 118.1

167 16.0 12.6 18.8



#14

Pentachlorophenol

Concen: 0.625 ng/ul

RT: 16.724 min Scan# 3042

Delta R.T. 0.004 min

Lab File: BM048765.D

Acq: 17 Nov 2024 05:46

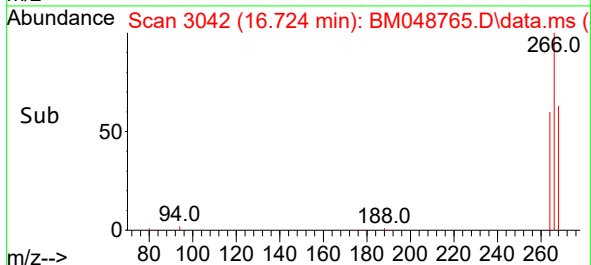
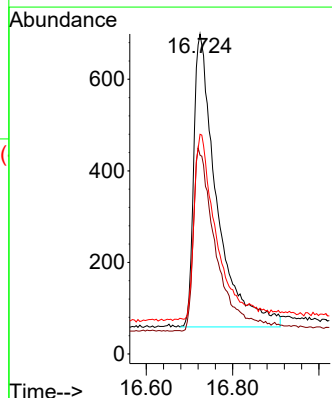
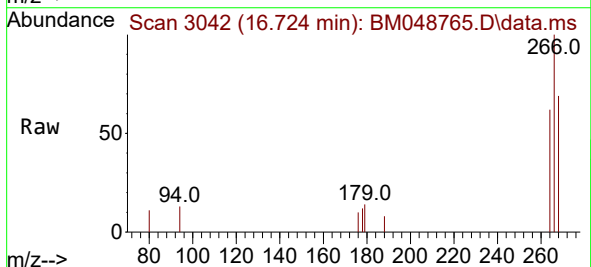
Tgt Ion:266 Resp: 2361

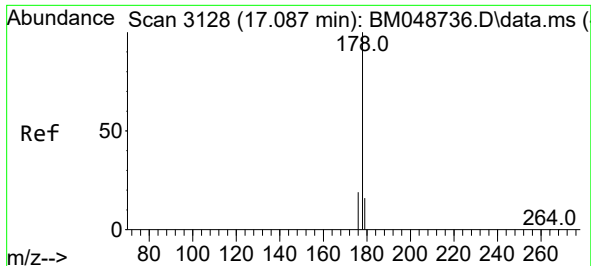
Ion Ratio Lower Upper

266 100

264 61.9 49.6 74.4

268 62.5 49.4 74.0

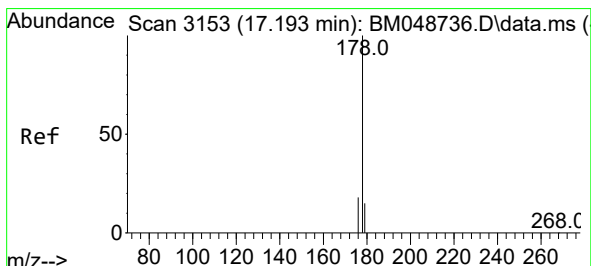
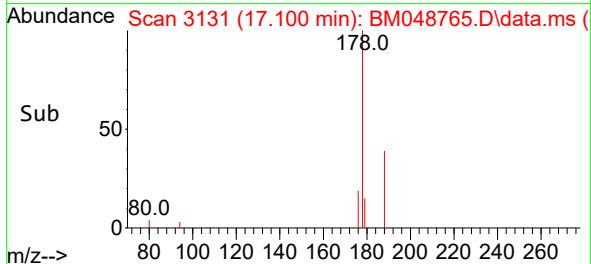
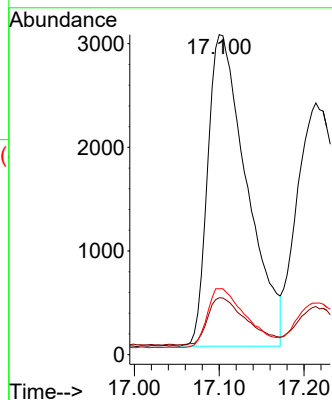
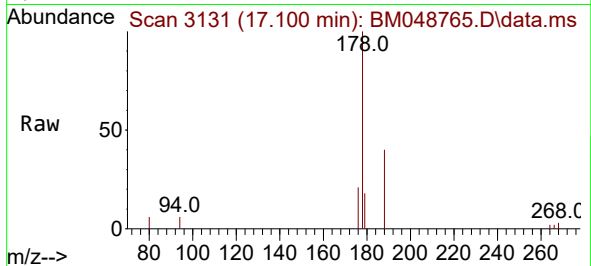




#15
Phenanthrene
Concen: 0.356 ng/ul
RT: 17.100 min Scan# 3128
Delta R.T. 0.013 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

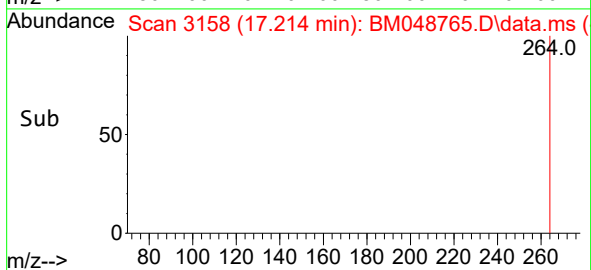
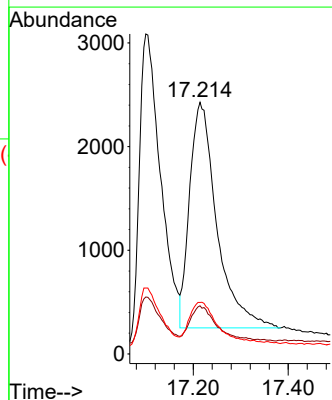
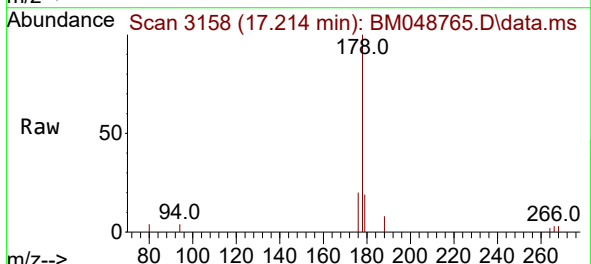
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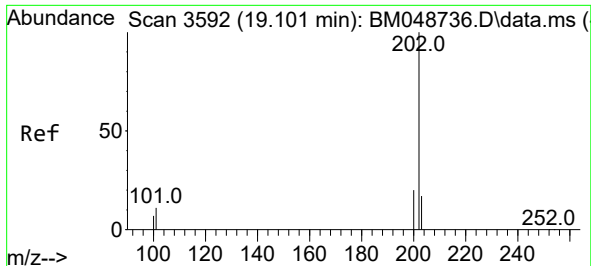
Tgt Ion:178 Resp: 9624
Ion Ratio Lower Upper
178 100
179 17.8 13.4 20.0
176 20.6 16.2 24.2



#16
Anthracene
Concen: 0.344 ng/ul
RT: 17.214 min Scan# 3158
Delta R.T. 0.021 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

Tgt Ion:178 Resp: 8659
Ion Ratio Lower Upper
178 100
179 19.1 13.7 20.5
176 20.5 15.9 23.9

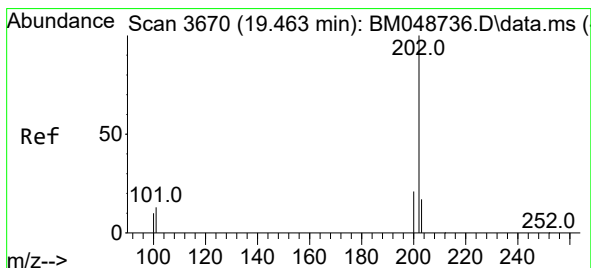
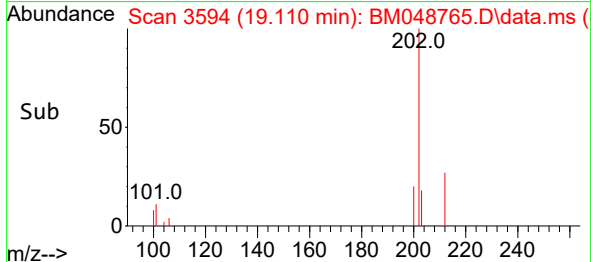
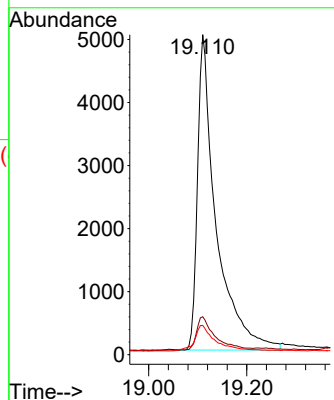
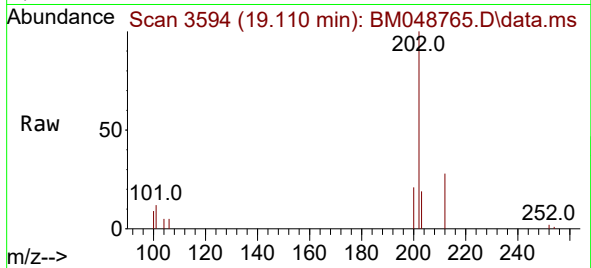




#19
Fluoranthene
Concen: 0.388 ng/ul
RT: 19.110 min Scan# 3594
Delta R.T. 0.009 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

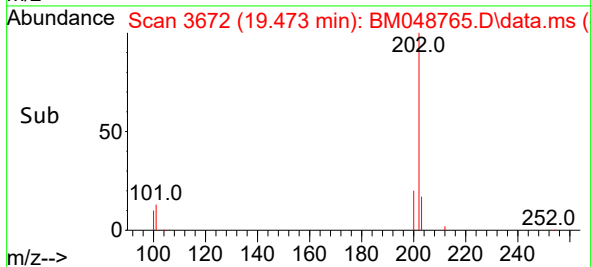
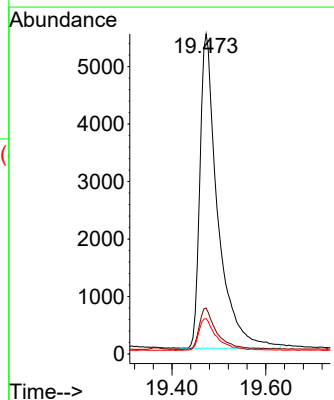
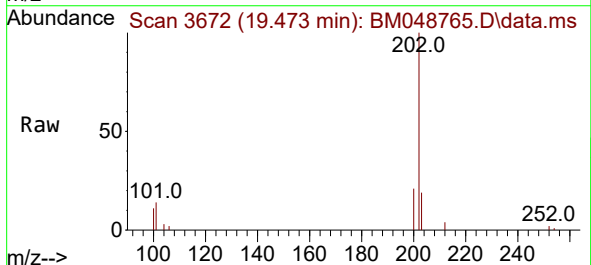
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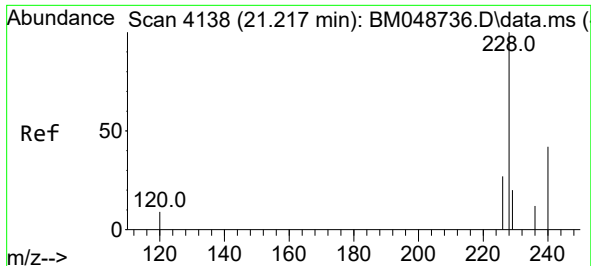
Tgt Ion:202 Resp: 13187
Ion Ratio Lower Upper
202 100
101 11.9 10.2 15.4
100 9.2 7.3 10.9



#20
Pyrene
Concen: 0.389 ng/ul
RT: 19.473 min Scan# 3672
Delta R.T. 0.009 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

Tgt Ion:202 Resp: 14352
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.2
100 11.0 8.5 12.7

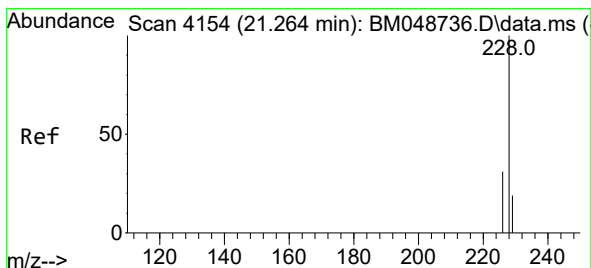
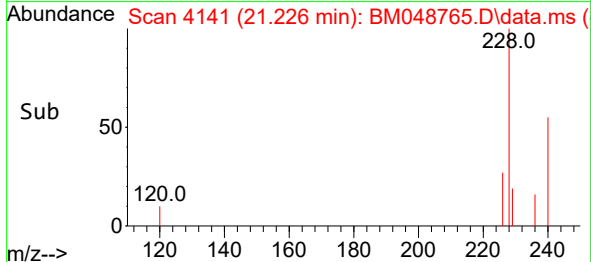
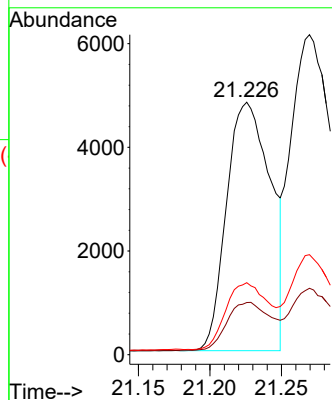
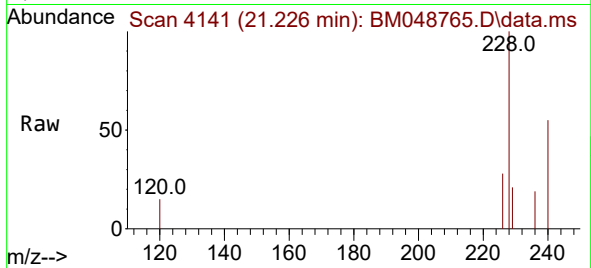




#21
Benzo(a)anthracene
Concen: 0.341 ng/ul
RT: 21.226 min Scan# 411
Delta R.T. 0.009 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

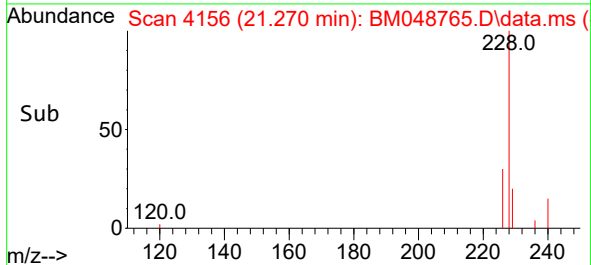
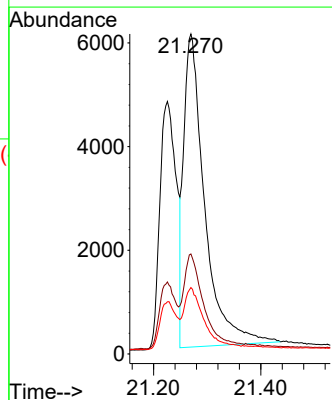
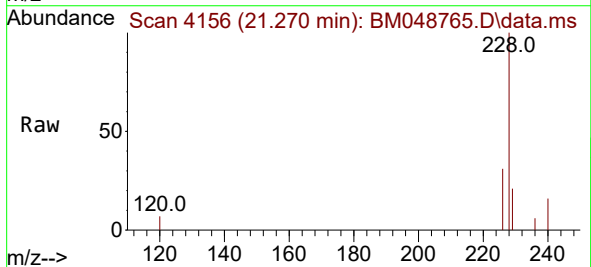
Instrument :
BNA_M
ClientSampleId :
SLCS000

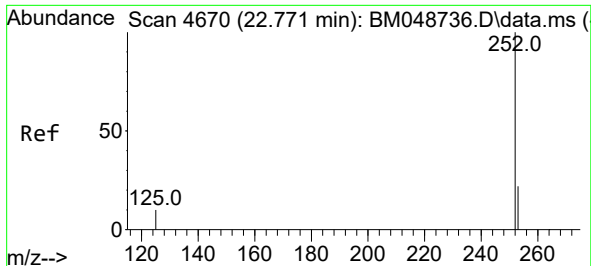
Tgt Ion:228 Resp: 10254
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.2
226 28.5 22.1 33.1



#22
Chrysene
Concen: 0.452 ng/ul
RT: 21.270 min Scan# 4156
Delta R.T. 0.006 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

Tgt Ion:228 Resp: 16327
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 20.7 16.5 24.7

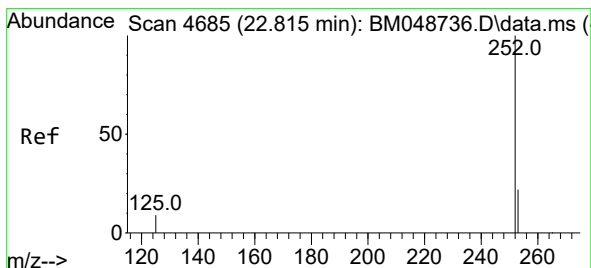
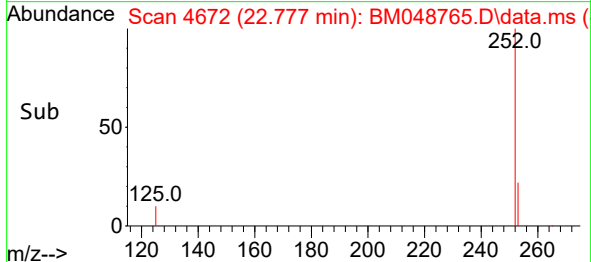
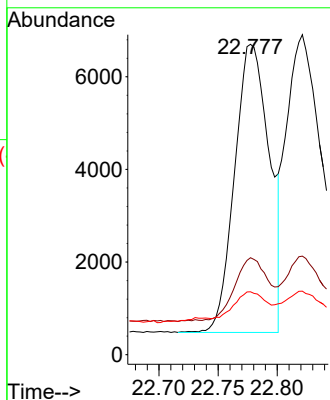
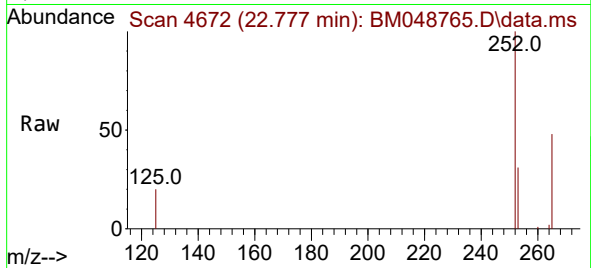




#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 22.777 min Scan# 4672
Delta R.T. 0.006 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

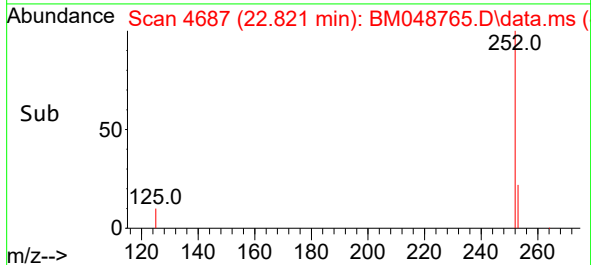
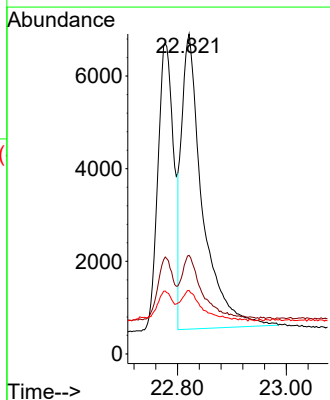
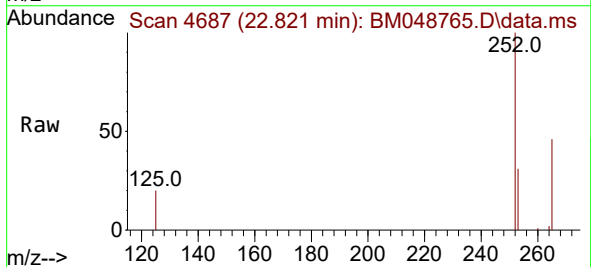
Instrument :
BNA_M
ClientSampleId :
SLCS000

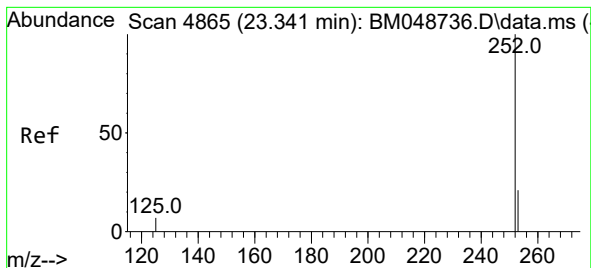
Tgt Ion:252 Resp: 12748
Ion Ratio Lower Upper
252 100
253 31.2 0.0 61.6
125 20.3 0.0 43.2



#25
Benzo(k)fluoranthene
Concen: 0.436 ng/ul
RT: 22.821 min Scan# 4687
Delta R.T. 0.006 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

Tgt Ion:252 Resp: 16968
Ion Ratio Lower Upper
252 100
253 30.8 25.0 37.4
125 19.9 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.419 ng/ul

RT: 23.347 min Scan# 4865

Delta R.T. 0.006 min

Lab File: BM048765.D

Acq: 17 Nov 2024 05:46

Instrument :

BNA_M

ClientSampleId :

SLCS000

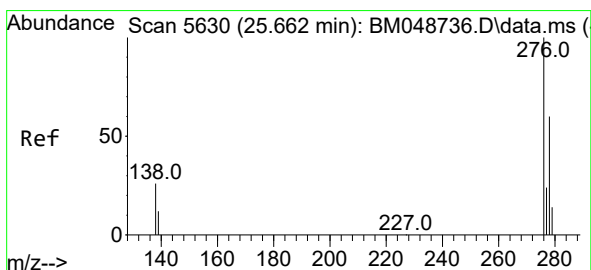
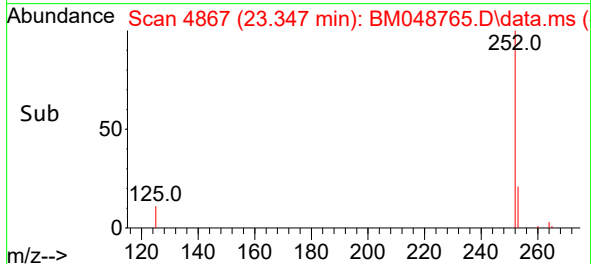
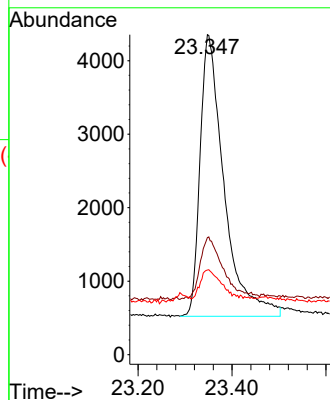
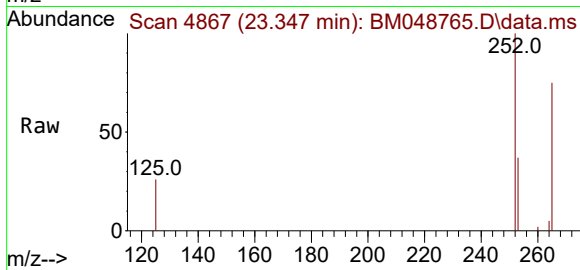
Tgt Ion:252 Resp: 13543

Ion Ratio Lower Upper

252 100

253 36.6 29.6 44.4

125 26.5 23.9 35.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.407 ng/ul

RT: 25.679 min Scan# 5635

Delta R.T. 0.017 min

Lab File: BM048765.D

Acq: 17 Nov 2024 05:46

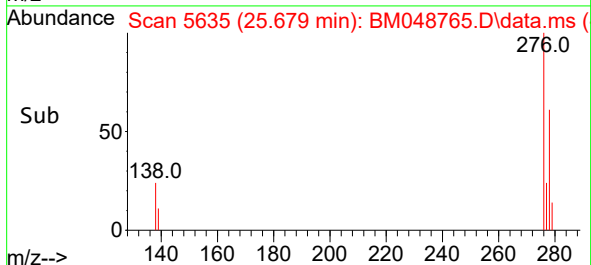
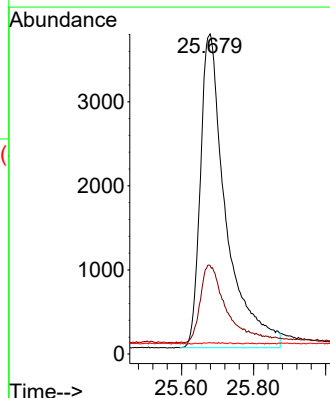
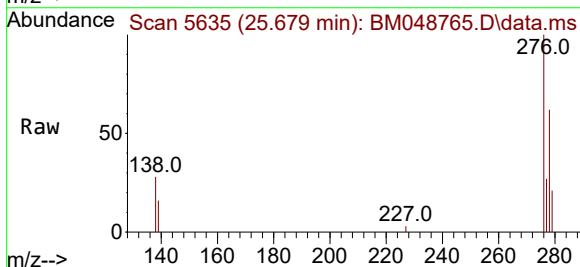
Tgt Ion:276 Resp: 18376

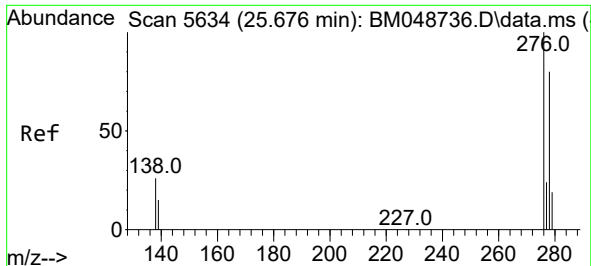
Ion Ratio Lower Upper

276 100

138 25.7 20.1 30.1

227 0.1 0.1 0.1#

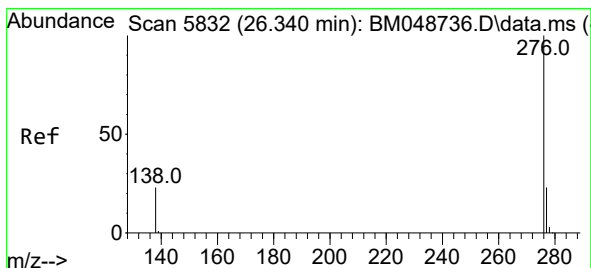
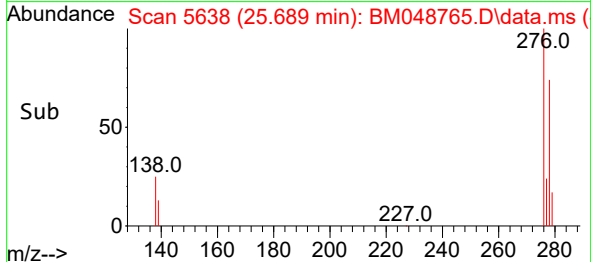
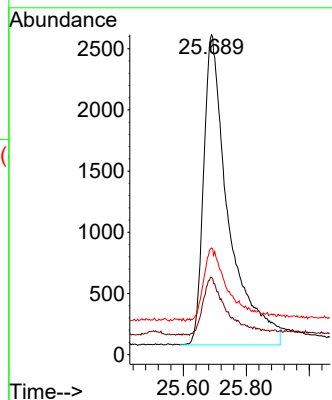
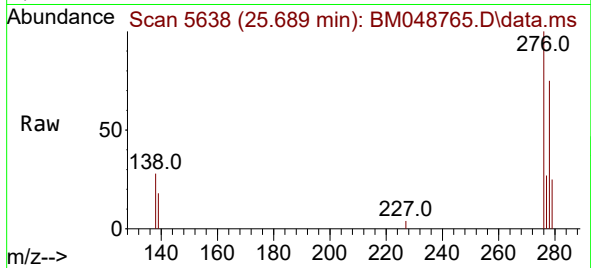




#28
Dibenzo(a,h)anthracene
Concen: 0.397 ng/ul
RT: 25.689 min Scan# 5638
Delta R.T. 0.014 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

Instrument :
BNA_M
ClientSampleId :
SLCS000

Tgt Ion:278 Resp: 13949
Ion Ratio Lower Upper
278 100
139 24.1 17.8 26.8
279 33.3 26.6 39.8



#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 26.350 min Scan# 5835
Delta R.T. 0.010 min
Lab File: BM048765.D
Acq: 17 Nov 2024 05:46

Tgt Ion:276 Resp: 15691
Ion Ratio Lower Upper
276 100
138 25.7 21.0 31.6
277 25.7 20.5 30.7

