

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
 Data File : BM048753.D
 Acq On : 16 Nov 2024 22:30
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4087

Quant Time: Nov 17 22:50:04 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)

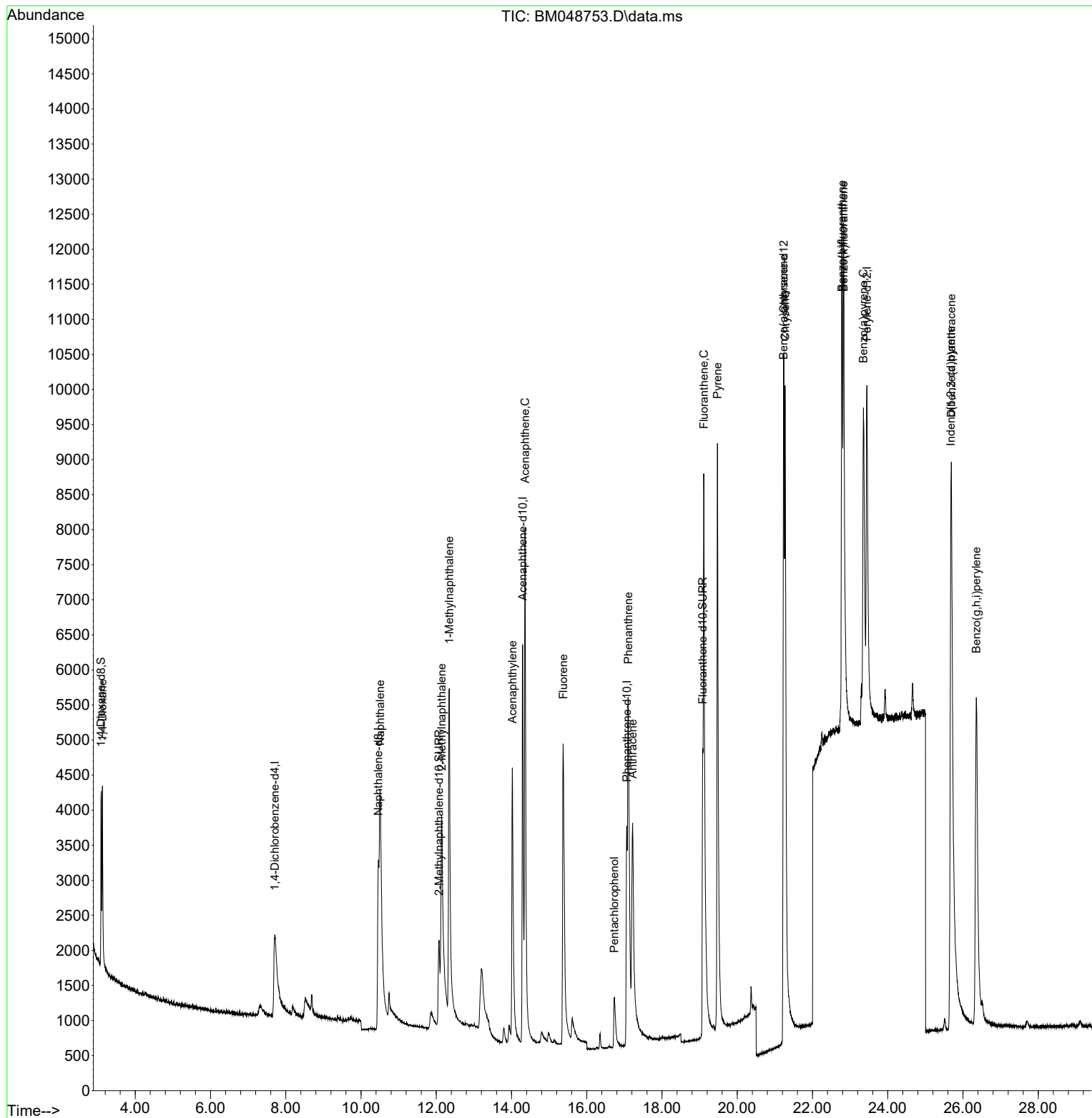
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.709	152	2405	0.400	ng/ul	0.03
4) Naphthalene-d8	10.459	136	8881	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.295	164	5062	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.062	188	9002	0.400	ng/ul	0.02
17) Chrysene-d12	21.237	240	8071	0.400	ng/ul	0.00
23) Perylene-d12	23.447	264	9328	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	1678	0.578	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.076	152	4452	0.388	ng/ul	0.03
18) Fluoranthene-d10	19.082	212	8737	0.386	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.127	88	1942	0.582	ng/ul#	69
5) Naphthalene	10.509	128	9516	0.428	ng/ul	96
7) 2-Methylnaphthalene	12.142	142	5344	0.382	ng/ul	94
8) 1-Methylnaphthalene	12.345	142	6275	0.438	ng/ul	98
10) Acenaphthylene	14.022	152	8297	0.432	ng/ul	99
11) Acenaphthene	14.360	153	6586	0.428	ng/ul	98
12) Fluorene	15.373	166	6742	0.404	ng/ul	99
14) Pentachlorophenol	16.733	266	1174	0.355	ng/ul	99
15) Phenanthrene	17.104	178	9014	0.381	ng/ul	98
16) Anthracene	17.218	178	8116	0.369	ng/ul	98
19) Fluoranthene	19.110	202	11811	0.395	ng/ul	99
20) Pyrene	19.473	202	12800	0.395	ng/ul	99
21) Benzo(a)anthracene	21.229	228	9160	0.347	ng/ul	99
22) Chrysene	21.272	228	14011	0.442	ng/ul	99
24) Benzo(b)fluoranthene	22.780	252	11628	0.400	ng/ul	99
25) Benzo(k)fluoranthene	22.824	252	14895	0.437	ng/ul	99
26) Benzo(a)pyrene	23.353	252	11873	0.418	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.679	276	16726	0.422	ng/ul	98
28) Dibenzo(a,h)anthracene	25.689	278	12666	0.411	ng/ul	99
29) Benzo(g,h,i)perylene	26.353	276	14360	0.432	ng/ul	98

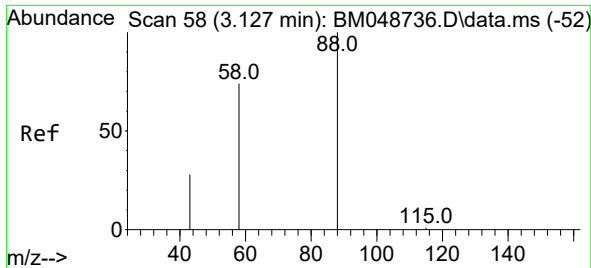
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Nov 17 22:50:04 2024
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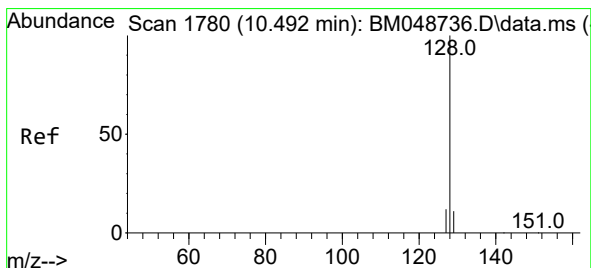
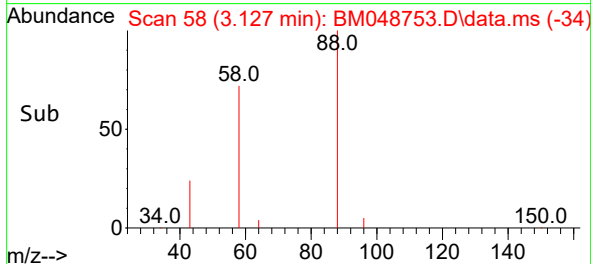
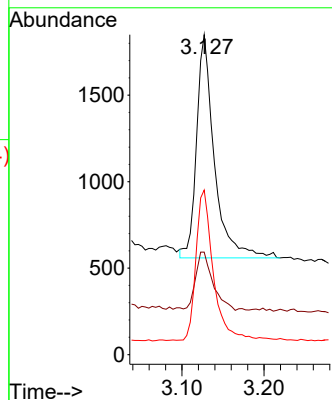
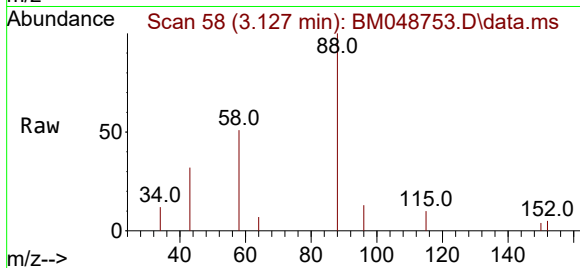




#2
1,4-Dioxane
Concen: 0.582 ng/ul
RT: 3.127 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

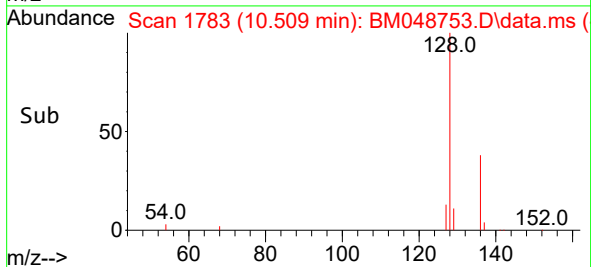
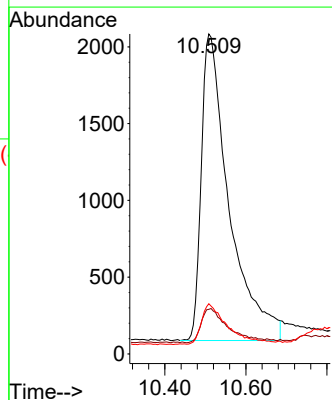
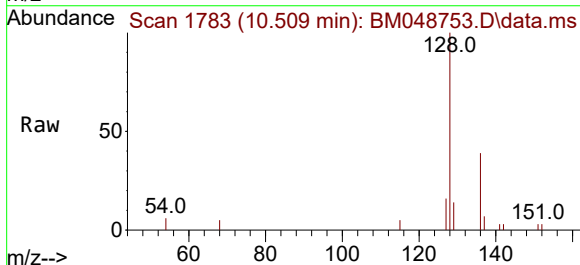
Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

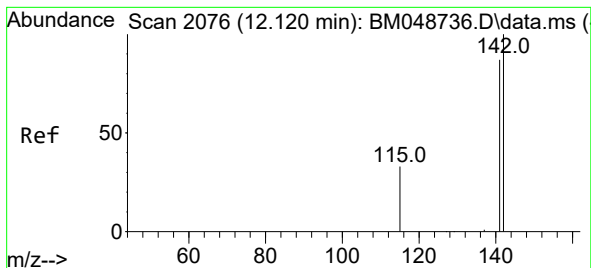
Tgt Ion: 88 Resp: 1942
Ion Ratio Lower Upper
88 100
43 32.1 60.2 90.4#
58 51.5 44.2 66.2



#5
Naphthalene
Concen: 0.428 ng/ul
RT: 10.509 min Scan# 1783
Delta R.T. 0.017 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

Tgt Ion: 128 Resp: 9516
Ion Ratio Lower Upper
128 100
129 13.9 10.0 15.0
127 15.7 10.9 16.3

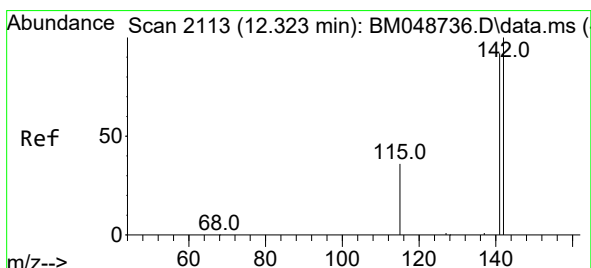
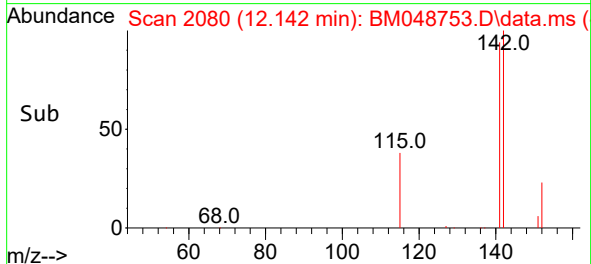
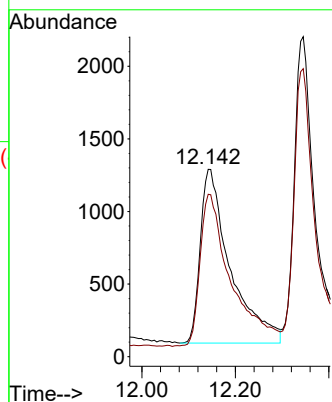
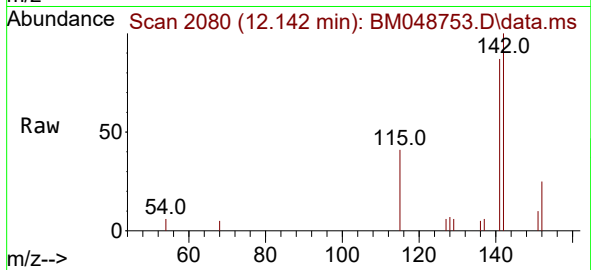




#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.142 min Scan# 2076
Delta R.T. 0.022 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

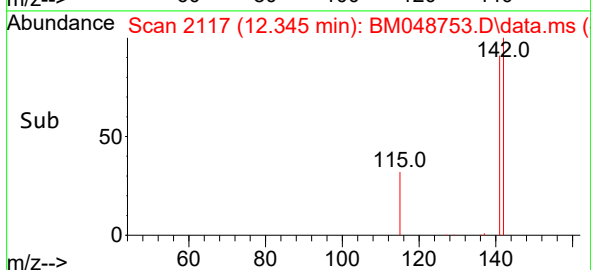
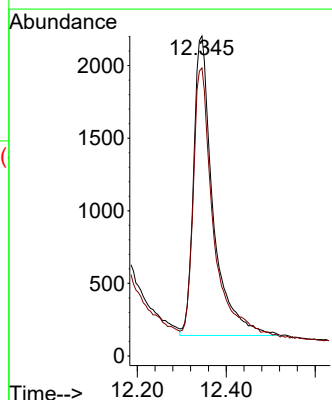
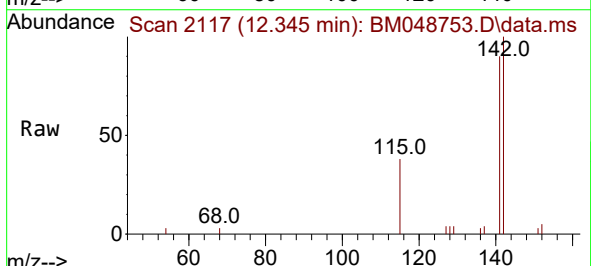
Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

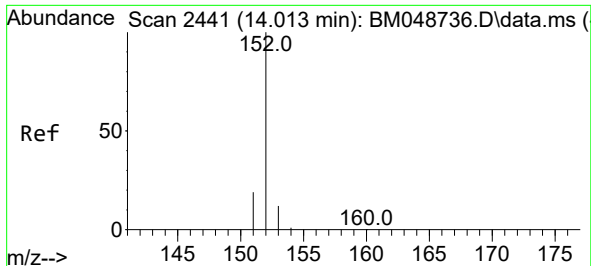
Tgt Ion:142 Resp: 5344
Ion Ratio Lower Upper
142 100
141 91.2 68.6 103.0



#8
1-Methylnaphthalene
Concen: 0.438 ng/ul
RT: 12.345 min Scan# 2117
Delta R.T. 0.022 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

Tgt Ion:142 Resp: 6275
Ion Ratio Lower Upper
142 100
141 92.8 72.8 109.2

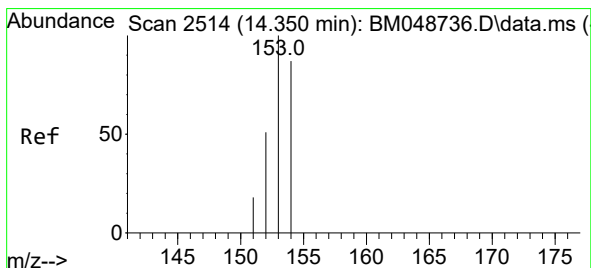
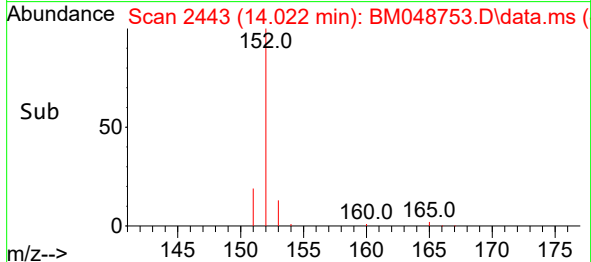
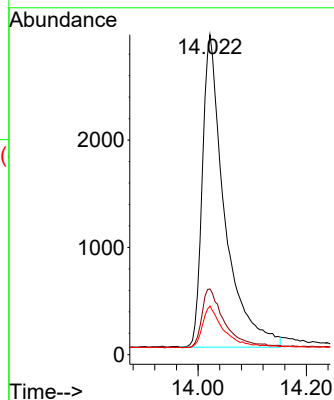
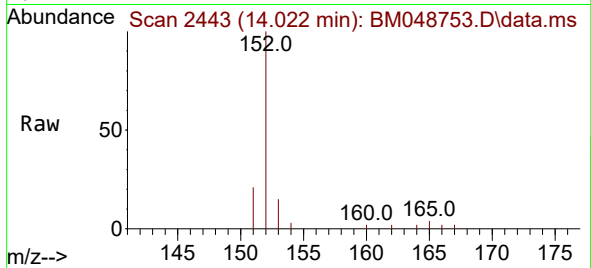




#10
Acenaphthylene
Concen: 0.432 ng/ul
RT: 14.022 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

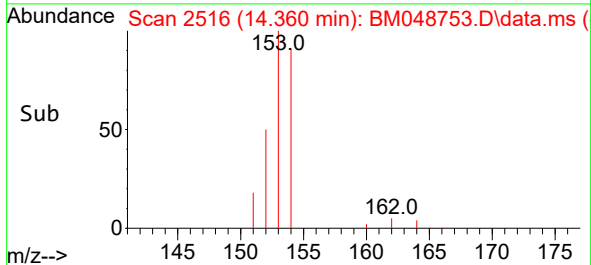
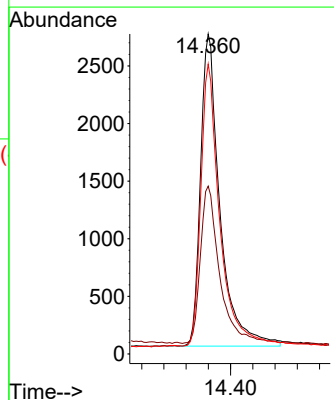
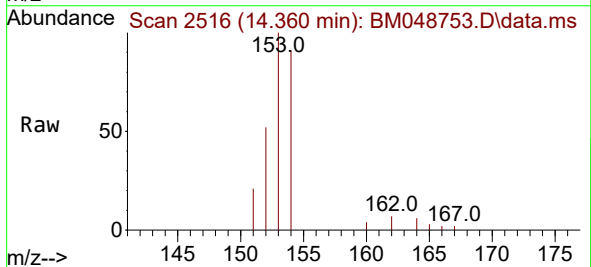
Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

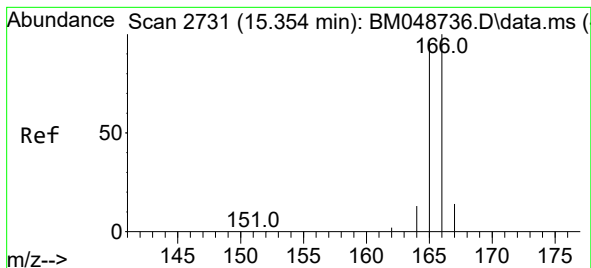
Tgt Ion:152 Resp: 8297
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 15.2 11.6 17.4



#11
Acenaphthene
Concen: 0.428 ng/ul
RT: 14.360 min Scan# 2516
Delta R.T. 0.009 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

Tgt Ion:153 Resp: 6586
Ion Ratio Lower Upper
153 100
152 52.5 41.1 61.7
154 90.6 70.3 105.5





#12

Fluorene

Concen: 0.404 ng/ul

RT: 15.373 min Scan# 21

Delta R.T. 0.019 min

Lab File: BM048753.D

Acq: 16 Nov 2024 22:30

Instrument :

BNA_M

ClientSampleId :

SSTD0.4087

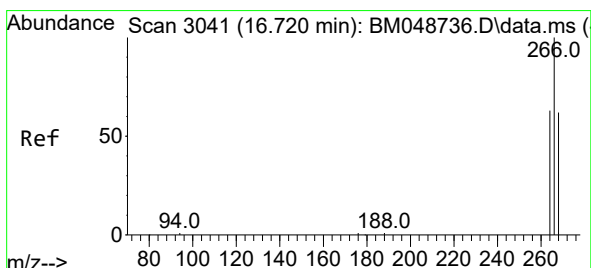
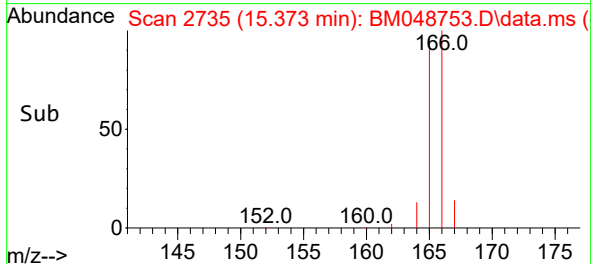
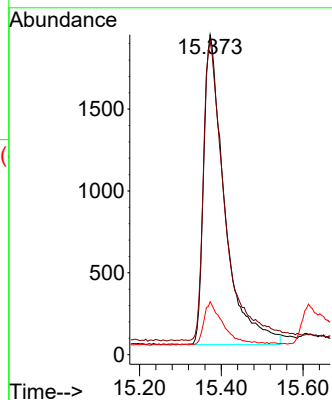
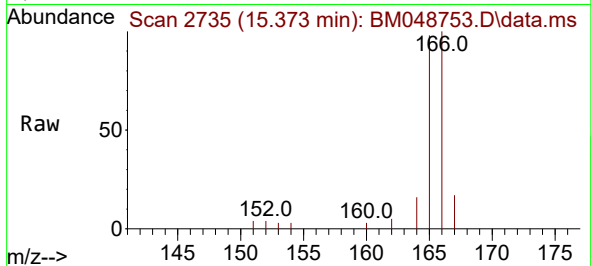
Tgt Ion:166 Resp: 6742

Ion Ratio Lower Upper

166 100

165 98.0 78.7 118.1

167 16.5 12.6 18.8



#14

Pentachlorophenol

Concen: 0.355 ng/ul

RT: 16.733 min Scan# 3044

Delta R.T. 0.013 min

Lab File: BM048753.D

Acq: 16 Nov 2024 22:30

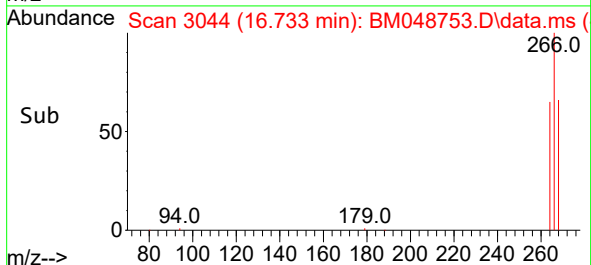
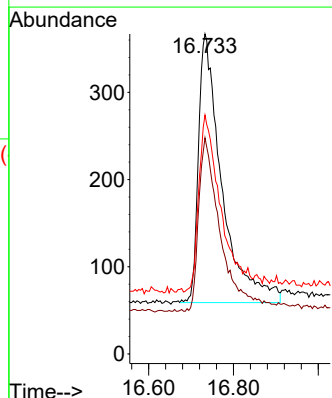
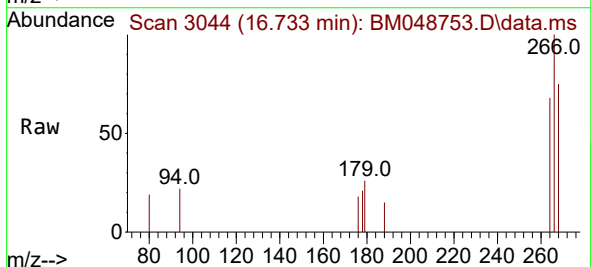
Tgt Ion:266 Resp: 1174

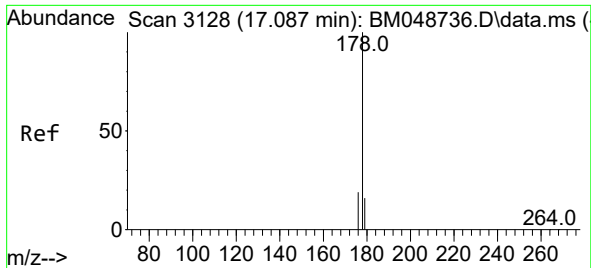
Ion Ratio Lower Upper

266 100

264 61.3 49.6 74.4

268 62.2 49.4 74.0

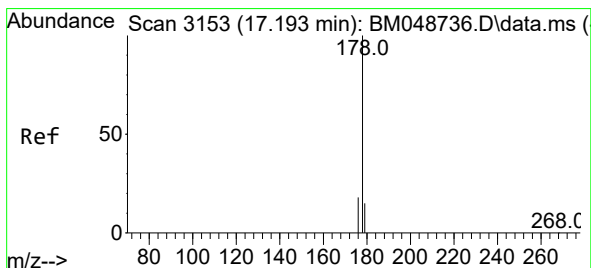
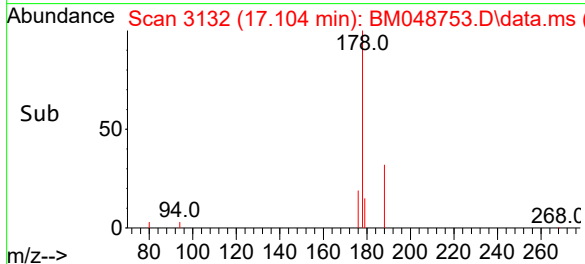
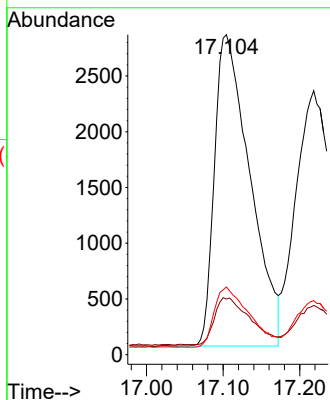
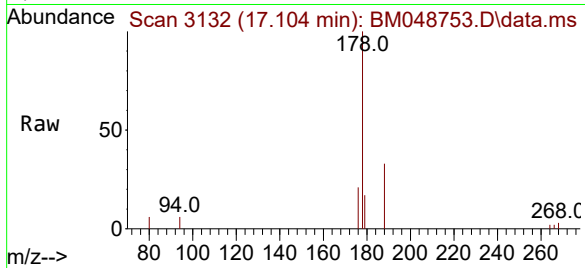




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.104 min Scan# 3128
Delta R.T. 0.017 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

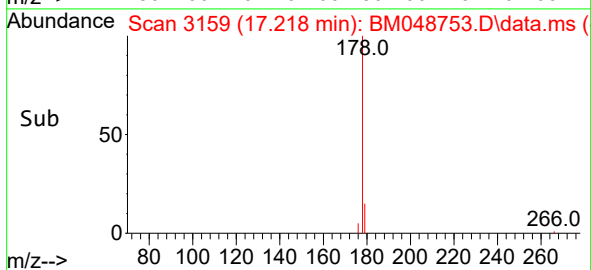
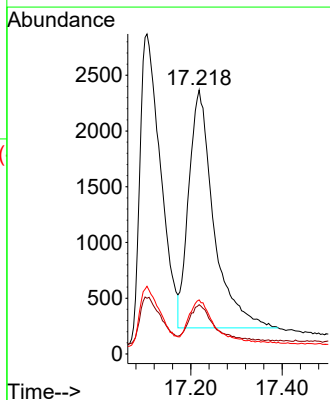
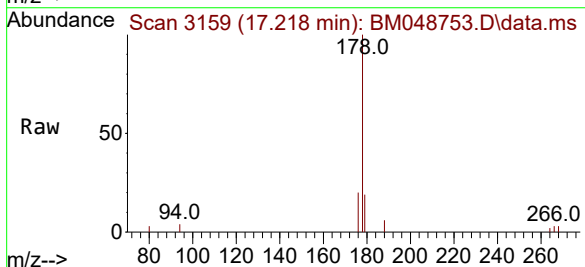
Instrument :
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ClientSampleId :
SSTD0.4087

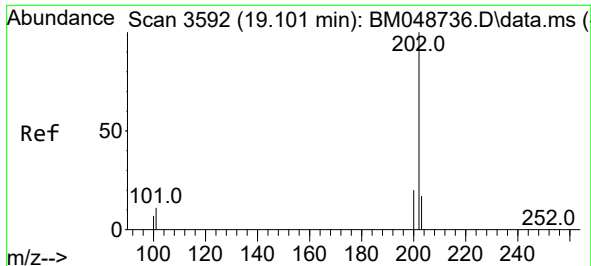
Tgt Ion:178 Resp: 9014
Ion Ratio Lower Upper
178 100
179 17.4 13.4 20.0
176 21.1 16.2 24.2



#16
Anthracene
Concen: 0.369 ng/ul
RT: 17.218 min Scan# 3159
Delta R.T. 0.025 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

Tgt Ion:178 Resp: 8116
Ion Ratio Lower Upper
178 100
179 18.7 13.7 20.5
176 20.5 15.9 23.9

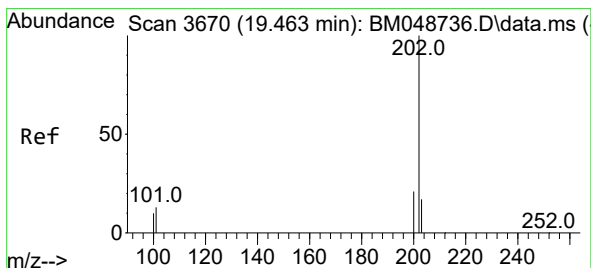
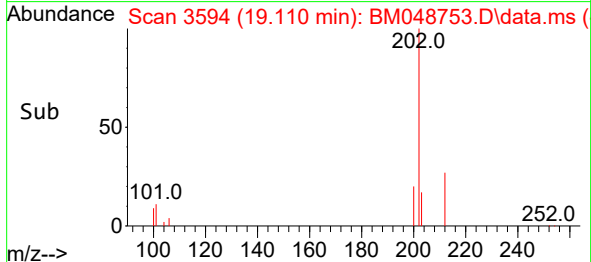
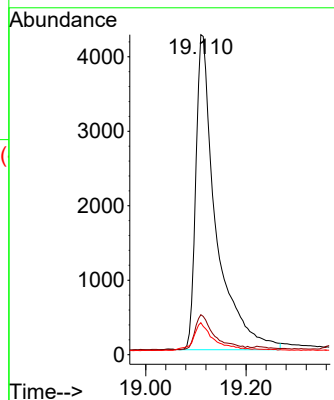
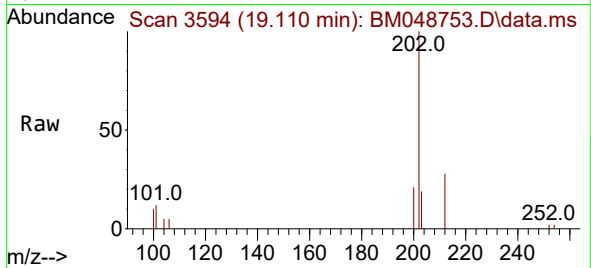




#19
Fluoranthene
Concen: 0.395 ng/ul
RT: 19.110 min Scan# 3592
Delta R.T. 0.009 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

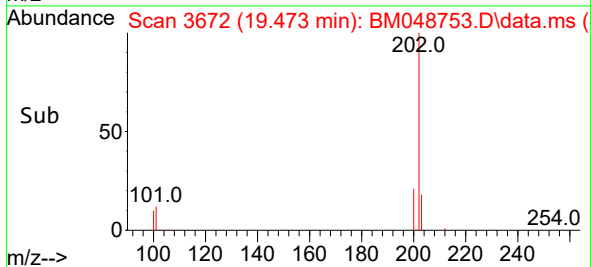
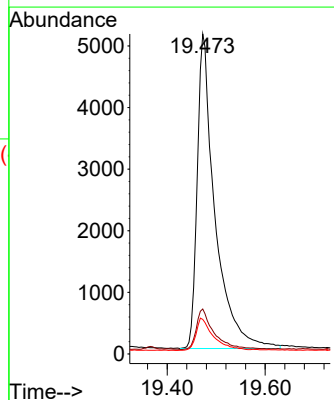
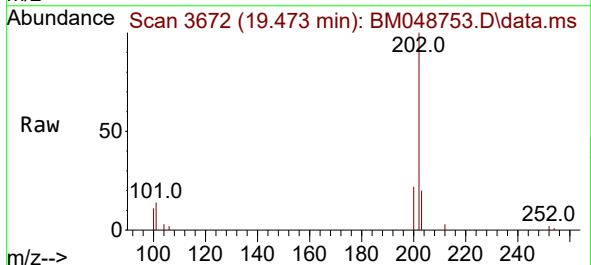
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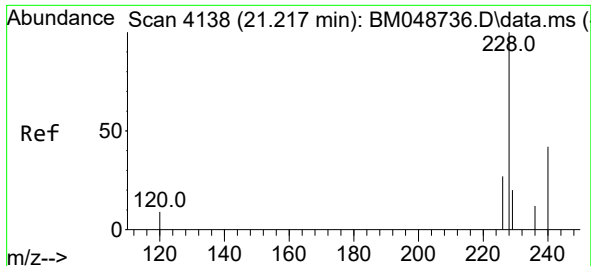
Tgt Ion:202 Resp: 11811
Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.4
100 10.0 7.3 10.9



#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.473 min Scan# 3672
Delta R.T. 0.009 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

Tgt Ion:202 Resp: 12800
Ion Ratio Lower Upper
202 100
101 14.0 11.4 17.2
100 10.8 8.5 12.7

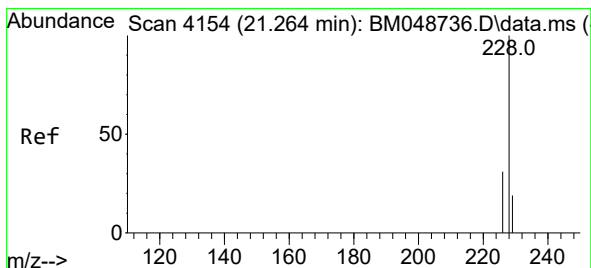
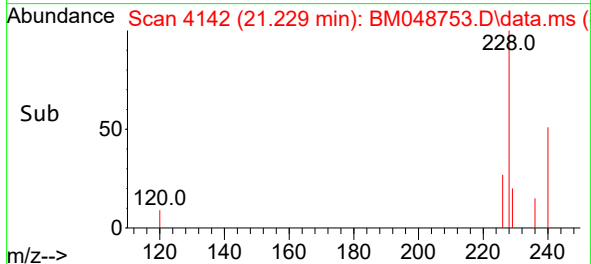
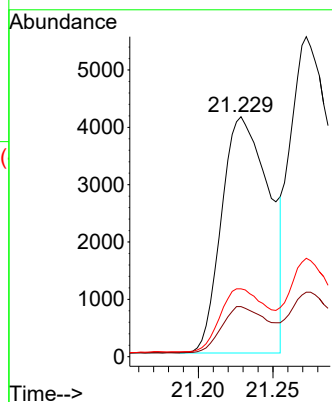
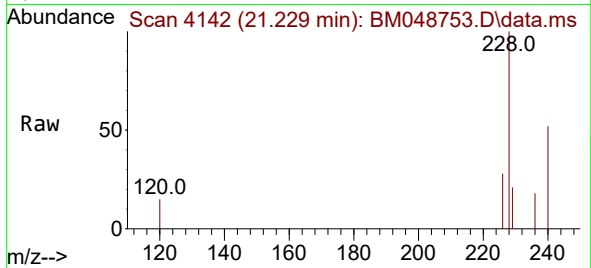




#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.229 min Scan# 4142
Delta R.T. 0.012 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

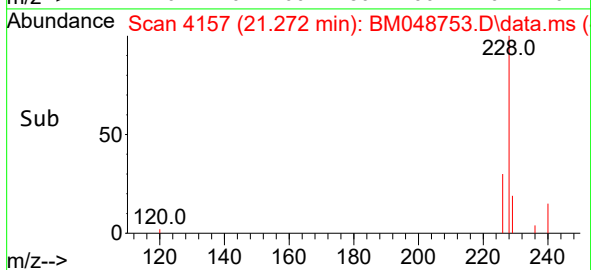
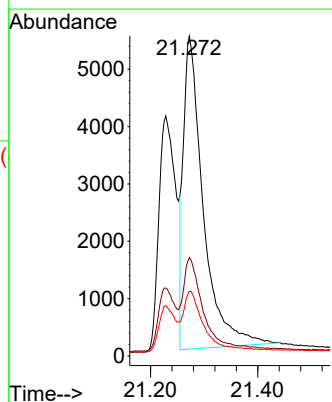
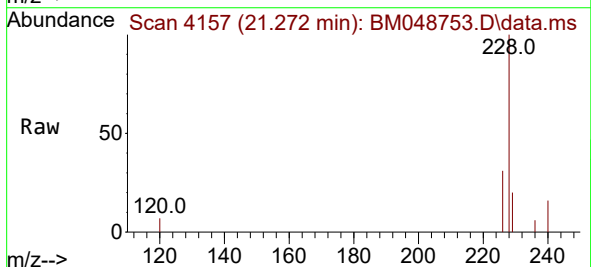
Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

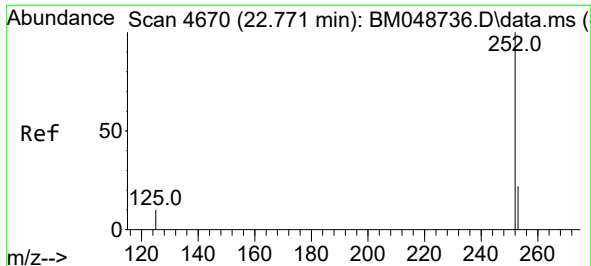
Tgt Ion:228 Resp: 9160
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 28.3 22.1 33.1



#22
Chrysene
Concen: 0.442 ng/ul
RT: 21.272 min Scan# 4157
Delta R.T. 0.009 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

Tgt Ion:228 Resp: 14011
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 20.2 16.5 24.7

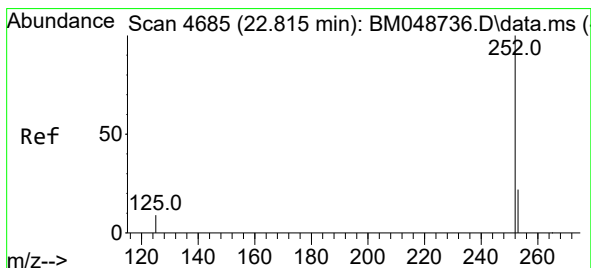
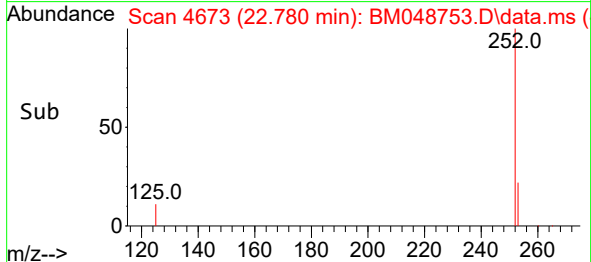
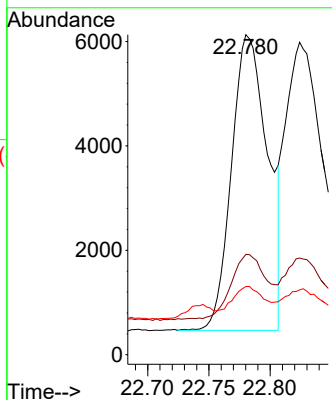
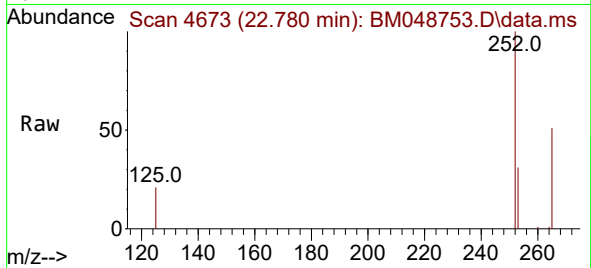




#24
Benzo(b)fluoranthene
Concen: 0.400 ng/ul
RT: 22.780 min Scan# 4673
Delta R.T. 0.009 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

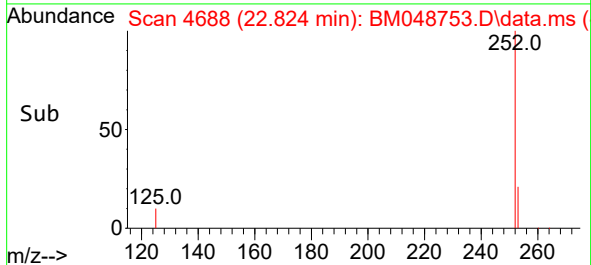
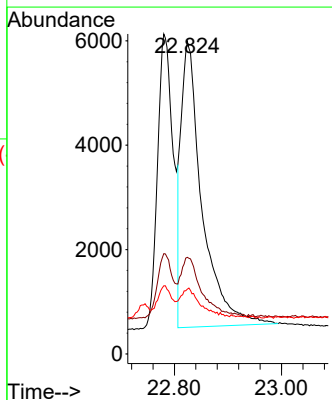
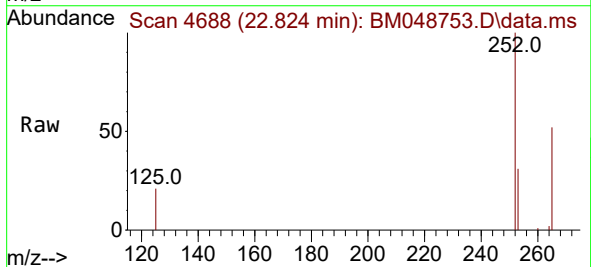
Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

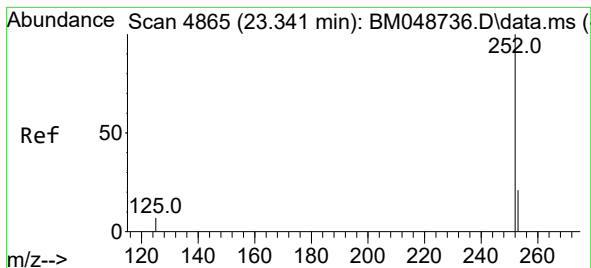
Tgt Ion:252 Resp: 11628
Ion Ratio Lower Upper
252 100
253 31.3 0.0 61.6
125 21.3 0.0 43.2



#25
Benzo(k)fluoranthene
Concen: 0.437 ng/ul
RT: 22.824 min Scan# 4688
Delta R.T. 0.009 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

Tgt Ion:252 Resp: 14895
Ion Ratio Lower Upper
252 100
253 30.9 25.0 37.4
125 20.8 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.418 ng/ul

RT: 23.353 min Scan# 4869

Delta R.T. 0.012 min

Lab File: BM048753.D

Acq: 16 Nov 2024 22:30

Instrument :

BNA_M

ClientSampleId :

SSTD0.4087

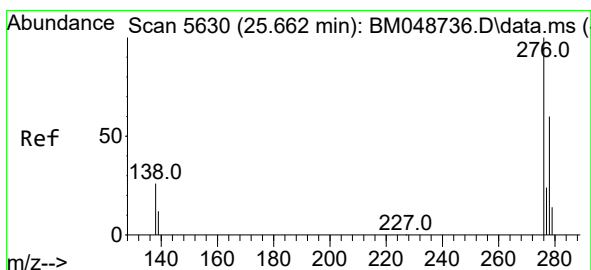
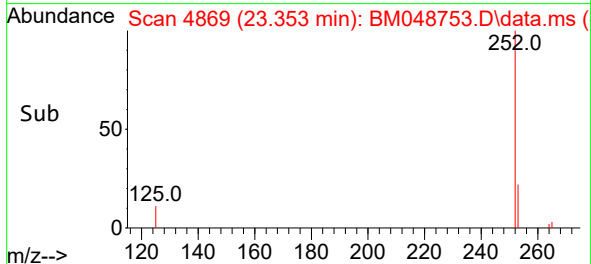
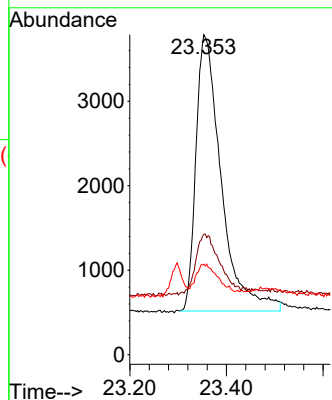
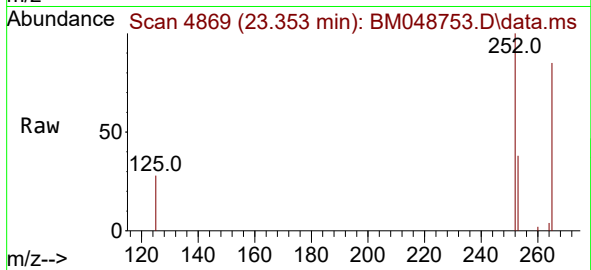
Tgt Ion:252 Resp: 11873

Ion Ratio Lower Upper

252 100

253 37.7 29.6 44.4

125 28.3 23.9 35.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.422 ng/ul

RT: 25.679 min Scan# 5635

Delta R.T. 0.017 min

Lab File: BM048753.D

Acq: 16 Nov 2024 22:30

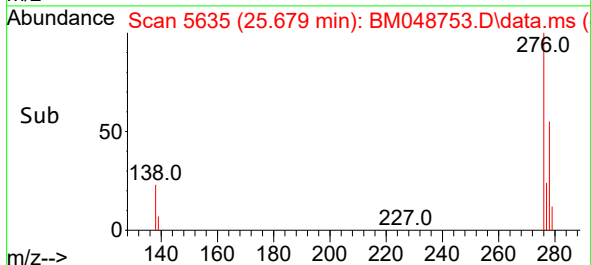
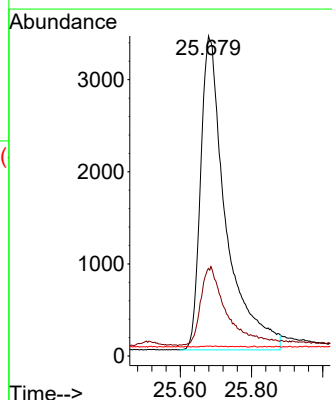
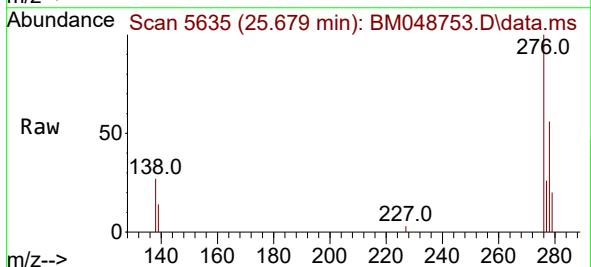
Tgt Ion:276 Resp: 16726

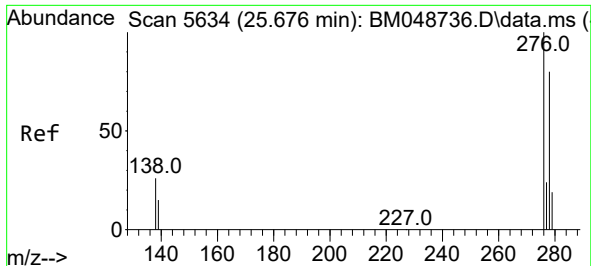
Ion Ratio Lower Upper

276 100

138 26.3 20.1 30.1

227 0.1 0.1 0.1

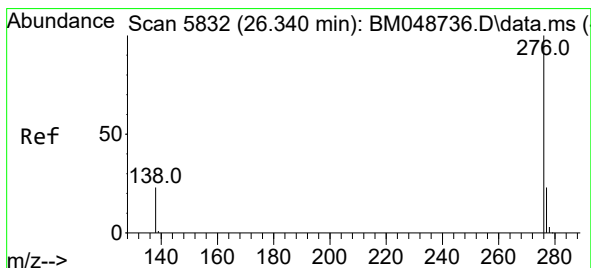
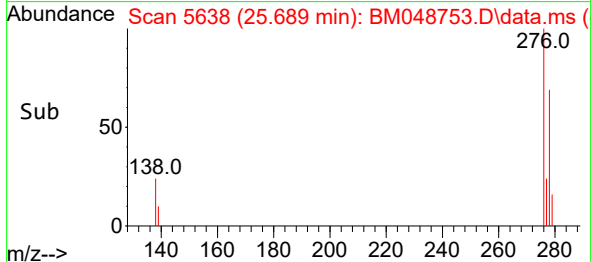
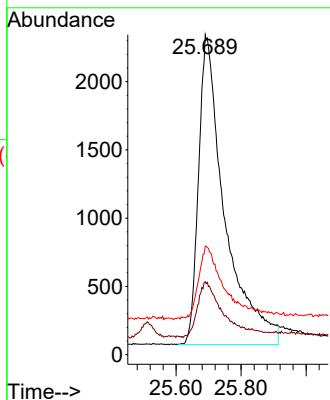
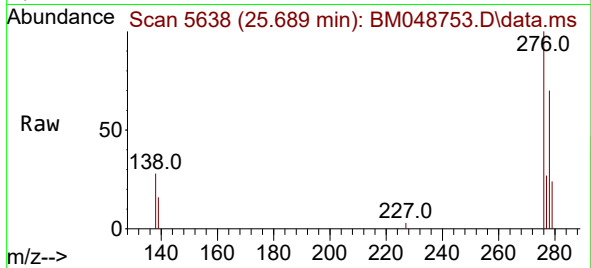




#28
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 25.689 min Scan# 5638
Delta R.T. 0.013 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4087

Tgt Ion:278 Resp: 12666
Ion Ratio Lower Upper
278 100
139 22.8 17.8 26.8
279 33.9 26.6 39.8



#29
Benzo(g,h,i)perylene
Concen: 0.432 ng/ul
RT: 26.353 min Scan# 5836
Delta R.T. 0.013 min
Lab File: BM048753.D
Acq: 16 Nov 2024 22:30

Tgt Ion:276 Resp: 14360
Ion Ratio Lower Upper
276 100
138 24.5 21.0 31.6
277 25.7 20.5 30.7

