

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
 Data File : BM048751.D
 Acq On : 16 Nov 2024 20:41
 Operator : RC/JU
 Sample : PB164981BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS981

Quant Time: Nov 17 22:49:40 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

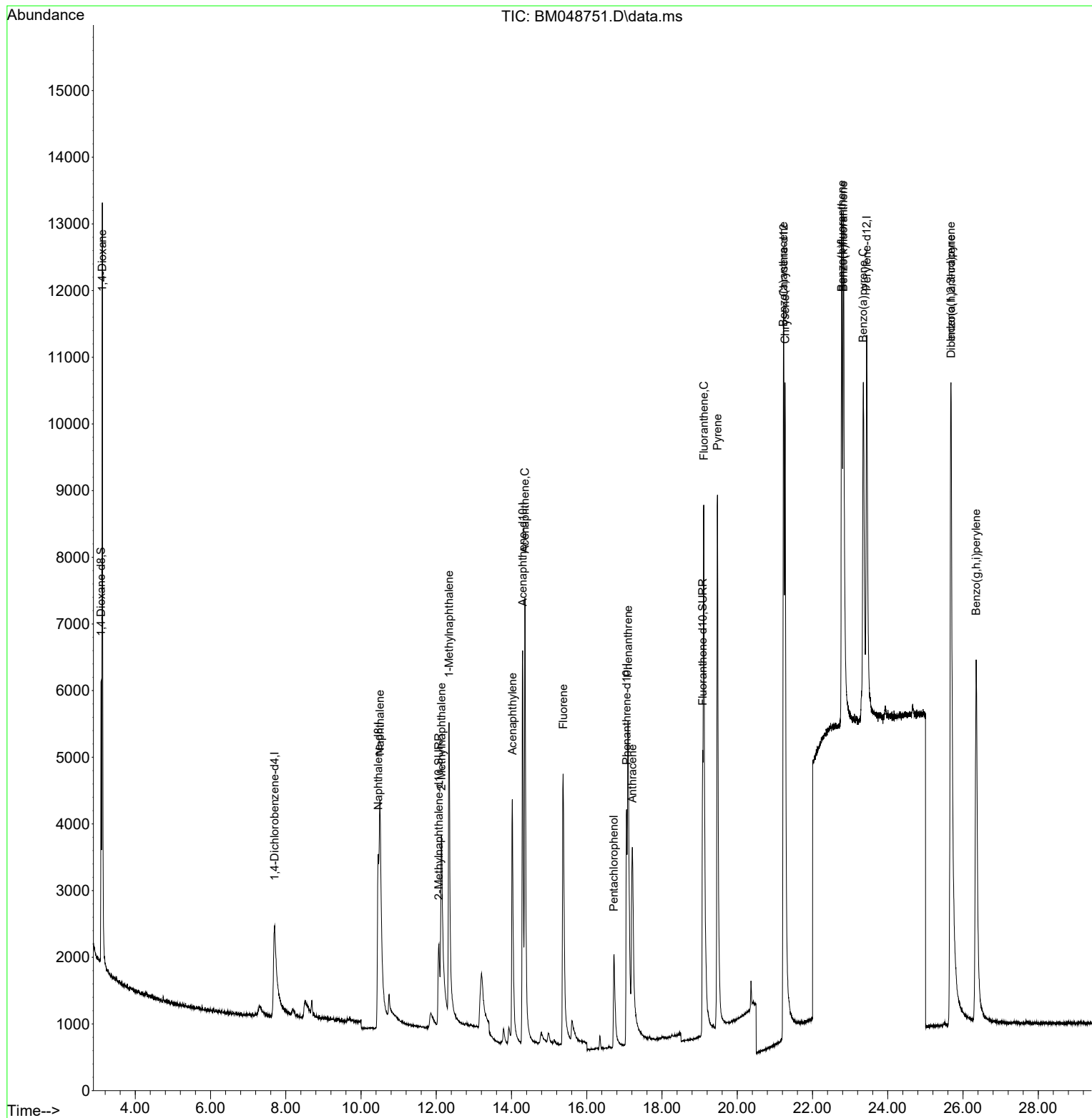
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	2645	0.400	ng/ul	0.03
4) Naphthalene-d8	10.459	136	9441	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.295	164	5308	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.058	188	9607	0.400	ng/ul	0.01
17) Chrysene-d12	21.237	240	8781	0.400	ng/ul	0.00
23) Perylene-d12	23.441	264	10224	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	2780	0.871	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.070	152	4409	0.361	ng/ul	0.02
18) Fluoranthene-d10	19.082	212	8666	0.352	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	7697	2.098	ng/ul#	63
5) Naphthalene	10.503	128	8740	0.370	ng/ul	95
7) 2-Methylnaphthalene	12.136	142	4916	0.330	ng/ul	93
8) 1-Methylnaphthalene	12.340	142	5759	0.378	ng/ul	98
10) Acenaphthylene	14.022	152	7731	0.383	ng/ul	99
11) Acenaphthene	14.355	153	6065	0.376	ng/ul	99
12) Fluorene	15.373	166	6116	0.349	ng/ul	99
14) Pentachlorophenol	16.720	266	2094	0.594	ng/ul	97
15) Phenanthrene	17.100	178	8393	0.333	ng/ul	98
16) Anthracene	17.214	178	7672	0.327	ng/ul	97
19) Fluoranthene	19.110	202	11175	0.344	ng/ul	99
20) Pyrene	19.472	202	12198	0.346	ng/ul	99
21) Benzo(a)anthracene	21.226	228	9532	0.332	ng/ul	98
22) Chrysene	21.272	228	13971	0.405	ng/ul	100
24) Benzo(b)fluoranthene	22.777	252	11915	0.374	ng/ul	99
25) Benzo(k)fluoranthene	22.821	252	14866	0.398	ng/ul	99
26) Benzo(a)pyrene	23.347	252	12268	0.395	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.676	276	17391	0.400	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.686	278	13199	0.391	ng/ul	98
29) Benzo(g,h,i)perylene	26.350	276	14672	0.402	ng/ul	99

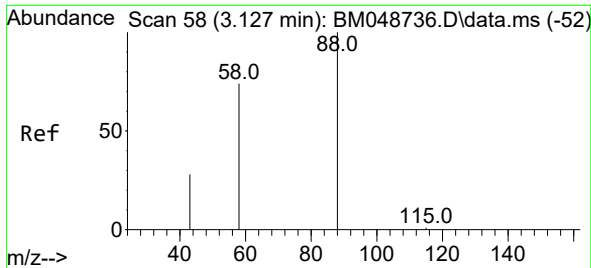
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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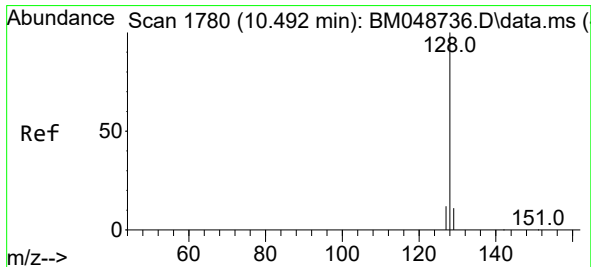
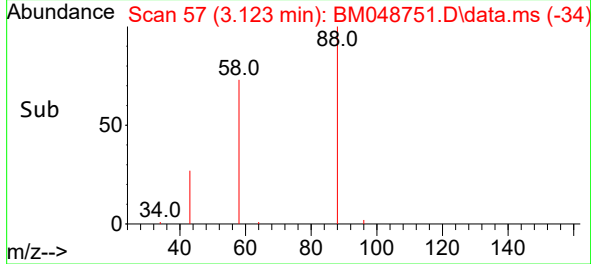
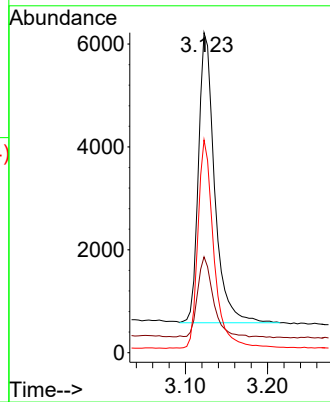
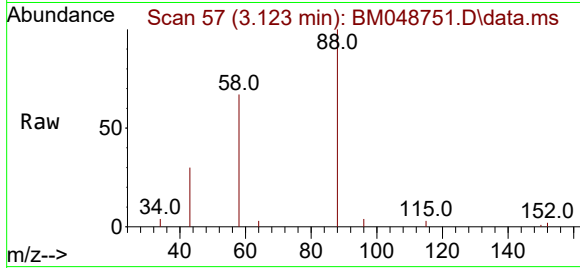




#2
1,4-Dioxane
Concen: 2.098 ng/ul
RT: 3.123 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

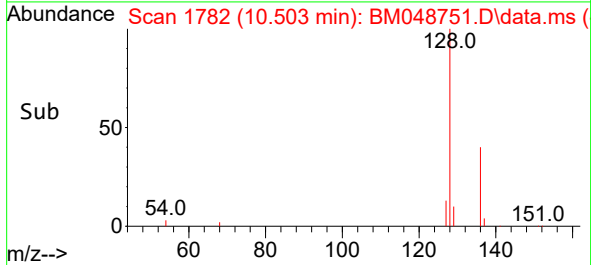
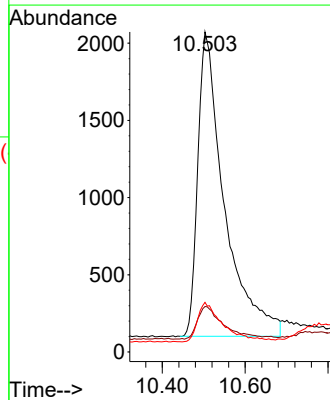
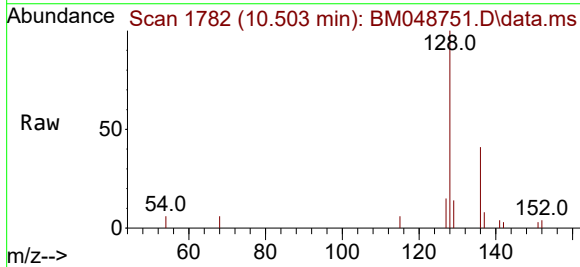
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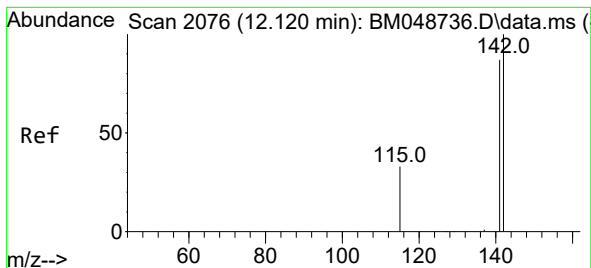
Tgt Ion: 88 Resp: 7697
Ion Ratio Lower Upper
88 100
43 30.0 60.2 90.4#
58 66.5 44.2 66.2#



#5
Naphthalene
Concen: 0.370 ng/ul
RT: 10.503 min Scan# 1782
Delta R.T. 0.011 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

Tgt Ion: 128 Resp: 8740
Ion Ratio Lower Upper
128 100
129 14.2 10.0 15.0
127 15.5 10.9 16.3

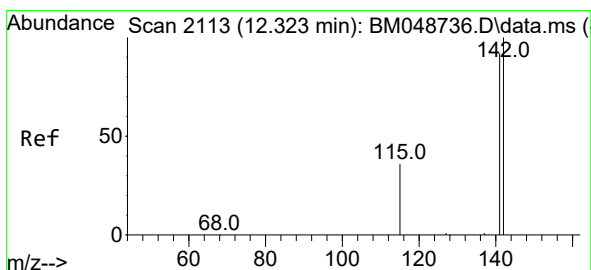
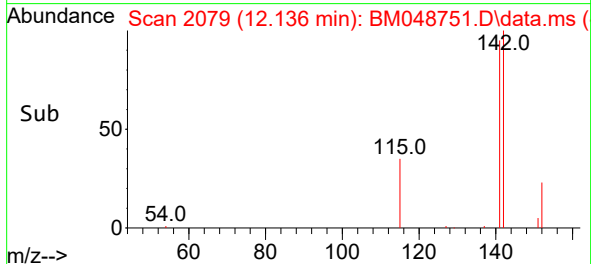
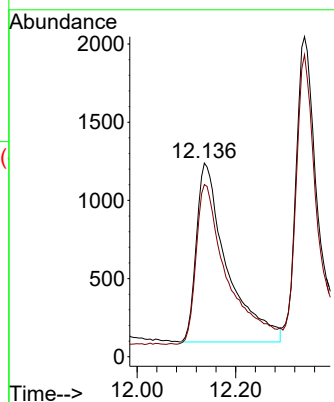
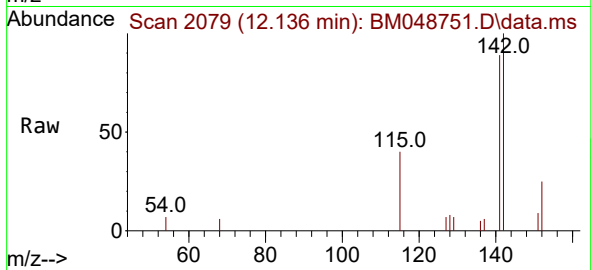




#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.136 min Scan# 2079
Delta R.T. 0.016 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

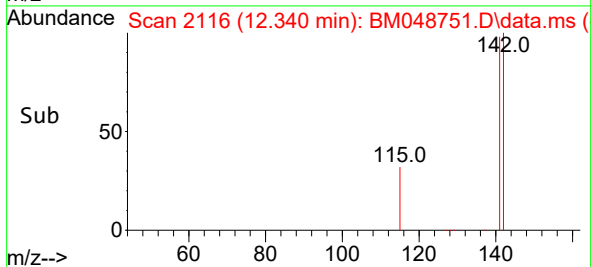
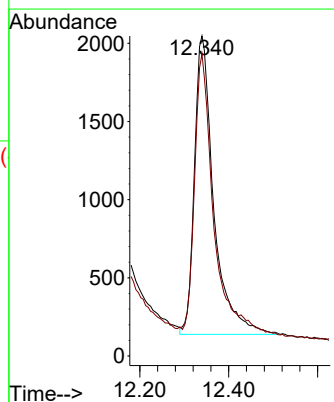
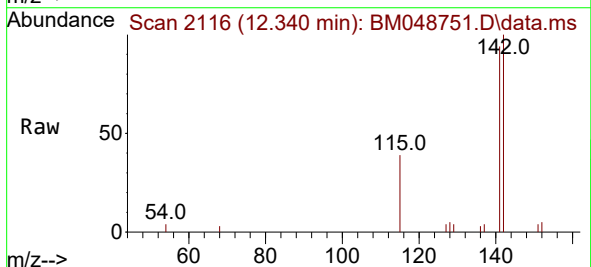
Instrument :
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ClientSampleId :
SLCS981

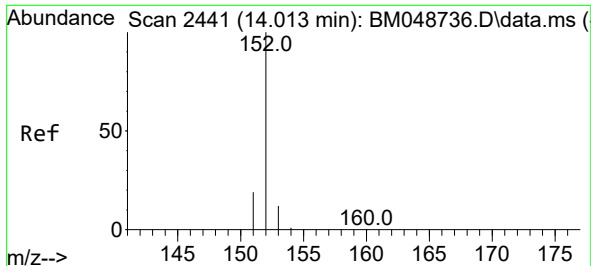
Tgt Ion:142 Resp: 4916
Ion Ratio Lower Upper
142 100
141 92.3 68.6 103.0



#8
1-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.340 min Scan# 2116
Delta R.T. 0.016 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

Tgt Ion:142 Resp: 5759
Ion Ratio Lower Upper
142 100
141 93.0 72.8 109.2

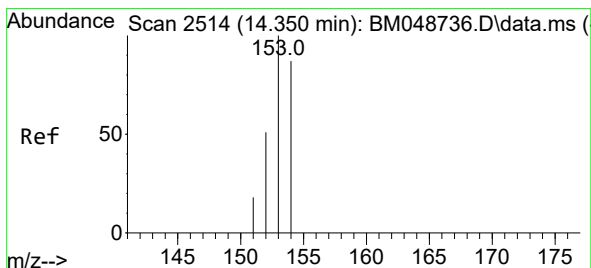
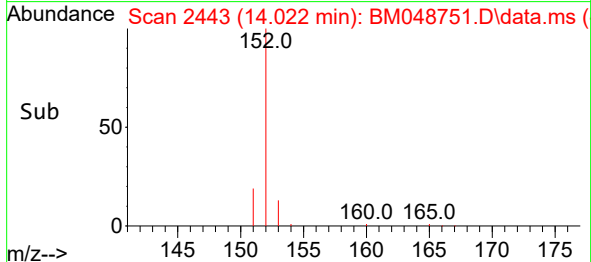
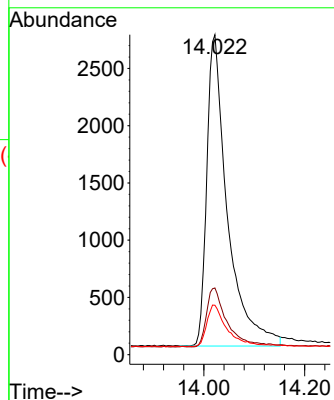
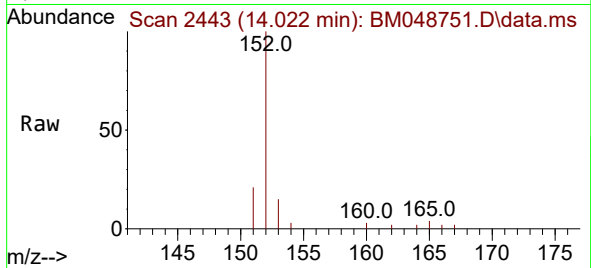




#10
Acenaphthylene
Concen: 0.383 ng/ul
RT: 14.022 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

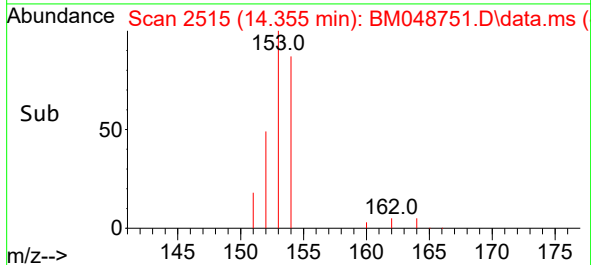
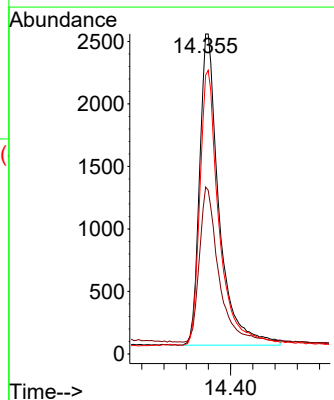
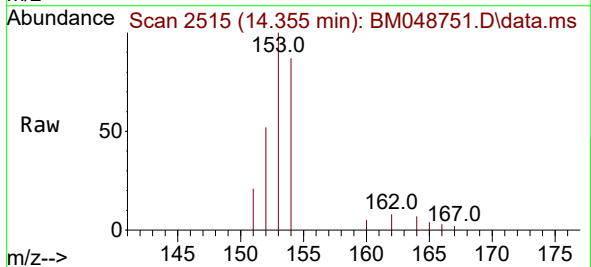
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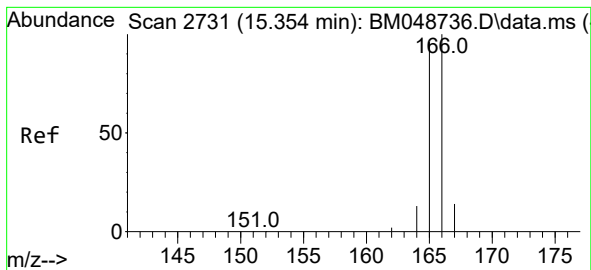
Tgt Ion:152 Resp: 7731
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 15.5 11.6 17.4



#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.355 min Scan# 2515
Delta R.T. 0.005 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

Tgt Ion:153 Resp: 6065
Ion Ratio Lower Upper
153 100
152 52.1 41.1 61.7
154 87.1 70.3 105.5





#12

Fluorene

Concen: 0.349 ng/ul

RT: 15.373 min Scan# 21

Delta R.T. 0.018 min

Lab File: BM048751.D

Acq: 16 Nov 2024 20:41

Instrument :

BNA_M

ClientSampleId :

SLCS981

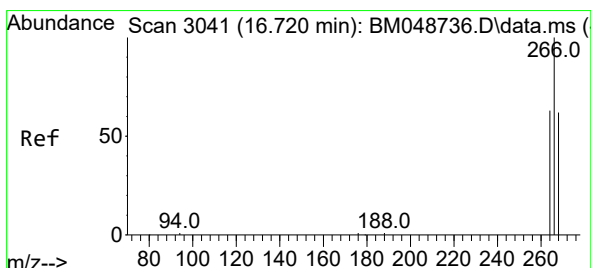
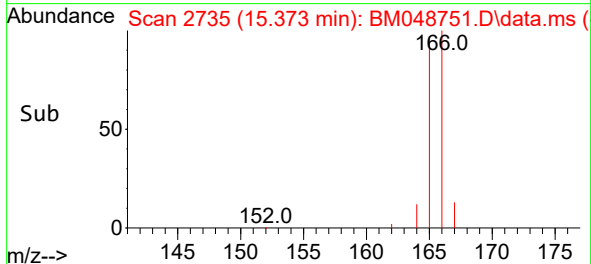
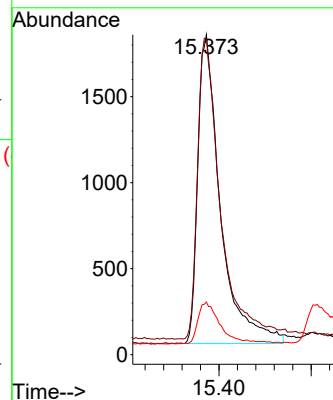
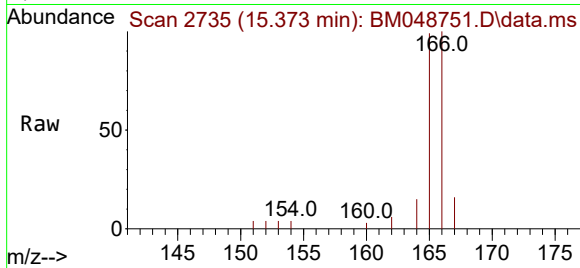
Tgt Ion:166 Resp: 6116

Ion Ratio Lower Upper

166 100

165 98.8 78.7 118.1

167 16.5 12.6 18.8



#14

Pentachlorophenol

Concen: 0.594 ng/ul

RT: 16.720 min Scan# 3041

Delta R.T. -0.000 min

Lab File: BM048751.D

Acq: 16 Nov 2024 20:41

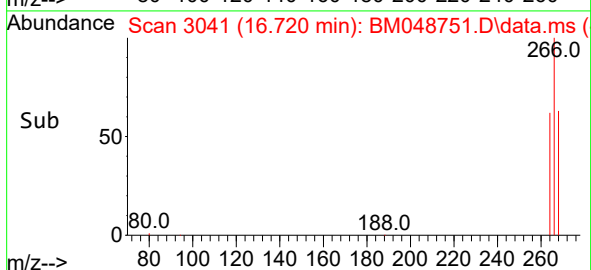
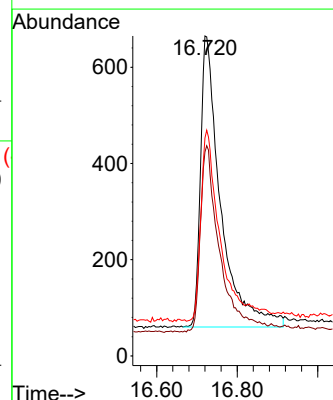
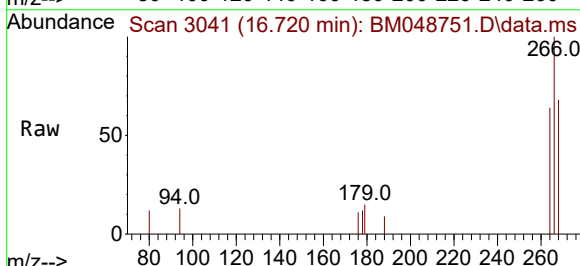
Tgt Ion:266 Resp: 2094

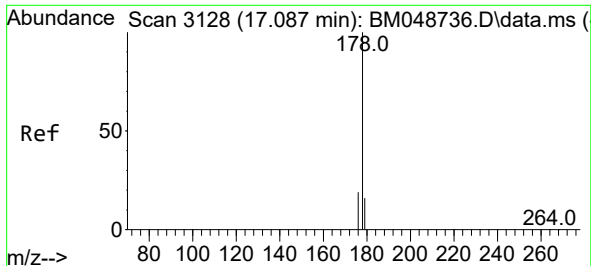
Ion Ratio Lower Upper

266 100

264 61.1 49.6 74.4

268 65.7 49.4 74.0

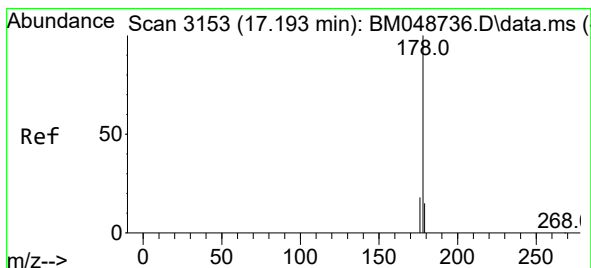
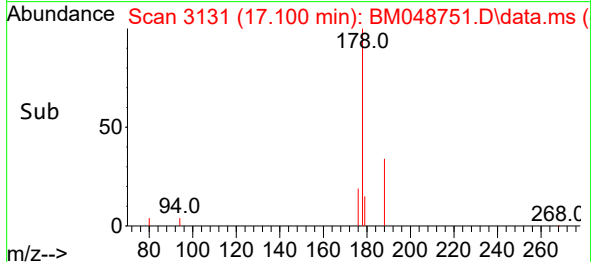
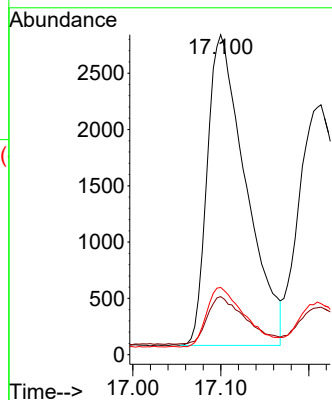
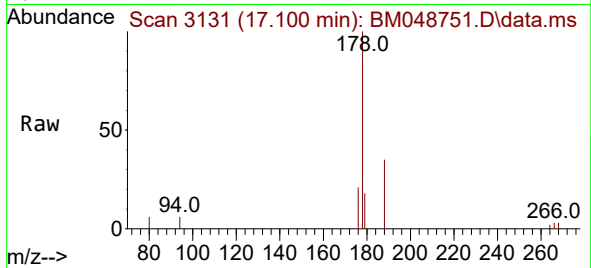




#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.100 min Scan# 3128
Delta R.T. 0.013 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

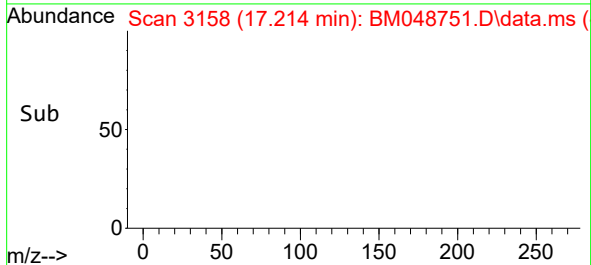
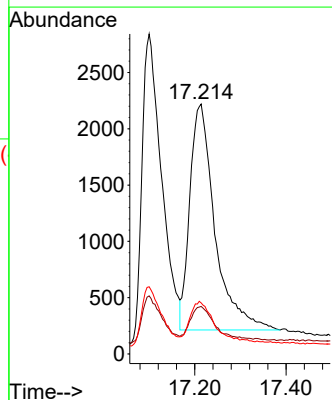
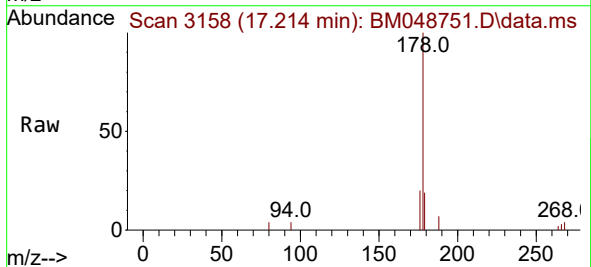
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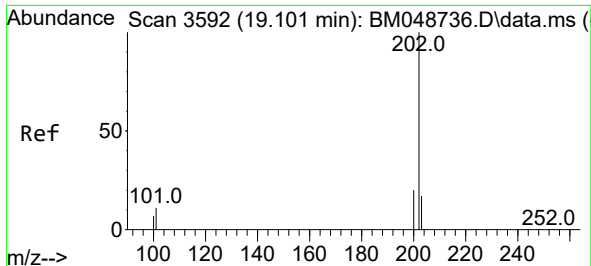
Tgt Ion:178 Resp: 8393
Ion Ratio Lower Upper
178 100
179 18.2 13.4 20.0
176 21.0 16.2 24.2



#16
Anthracene
Concen: 0.327 ng/ul
RT: 17.214 min Scan# 3158
Delta R.T. 0.021 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

Tgt Ion:178 Resp: 7672
Ion Ratio Lower Upper
178 100
179 19.1 13.7 20.5
176 20.5 15.9 23.9

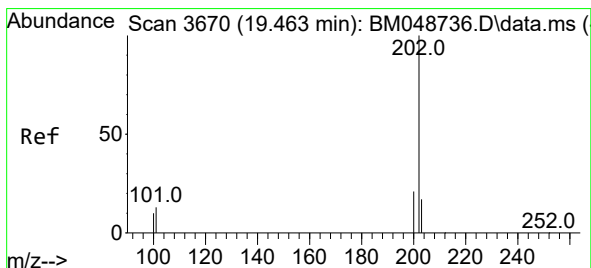
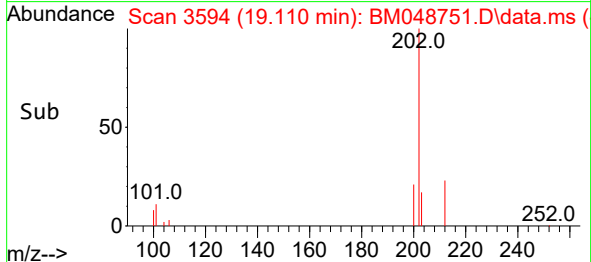
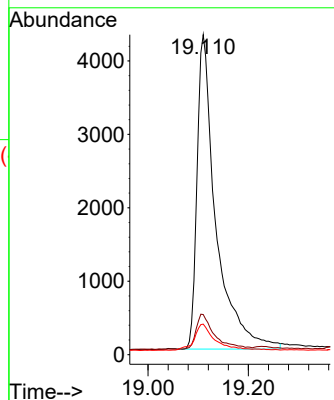
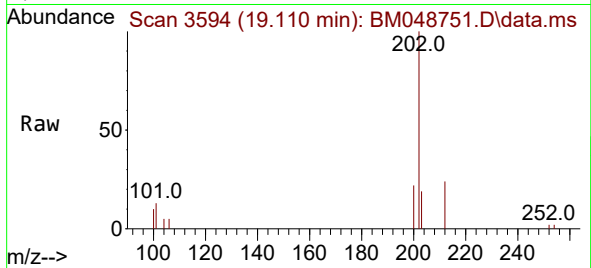




#19
Fluoranthene
Concen: 0.344 ng/ul
RT: 19.110 min Scan# 3592
Delta R.T. 0.009 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

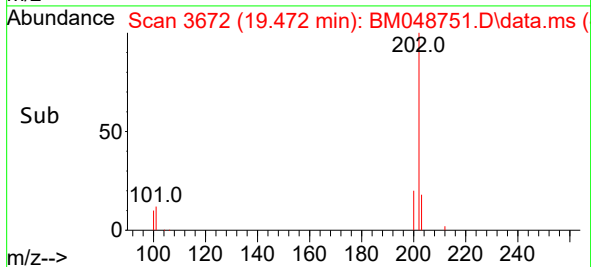
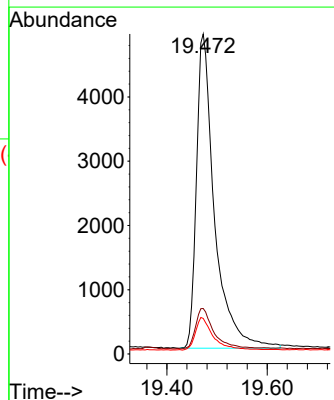
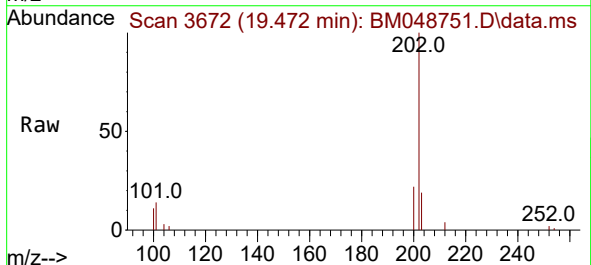
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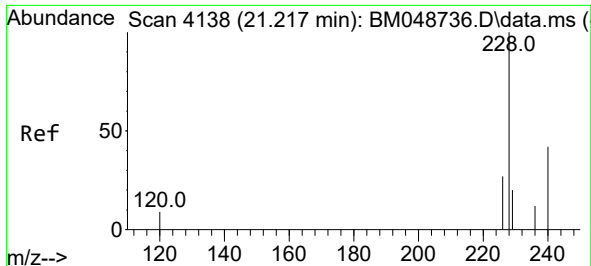
Tgt Ion:202 Resp: 11175
Ion Ratio Lower Upper
202 100
101 12.6 10.2 15.4
100 9.6 7.3 10.9



#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.472 min Scan# 3672
Delta R.T. 0.009 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

Tgt Ion:202 Resp: 12198
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.2
100 11.1 8.5 12.7

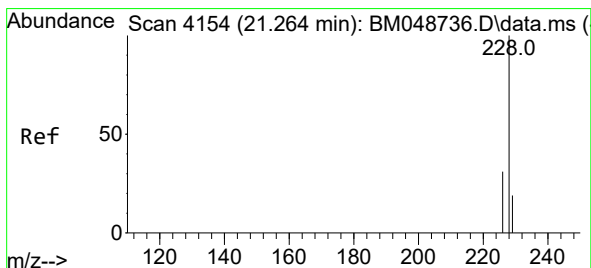
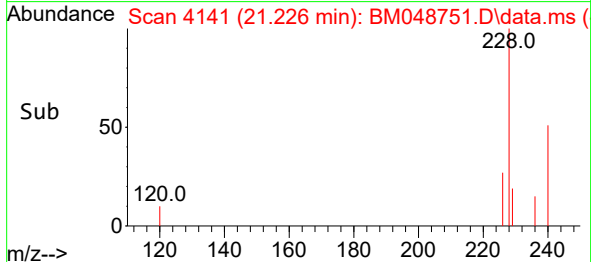
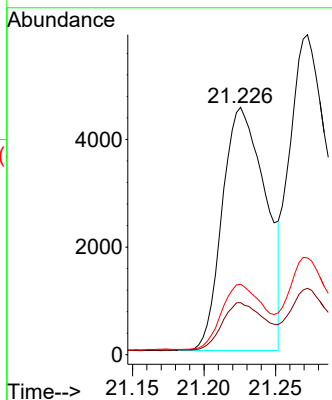
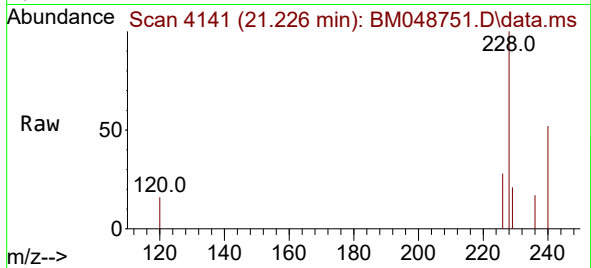




#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.226 min Scan# 41
Delta R.T. 0.009 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

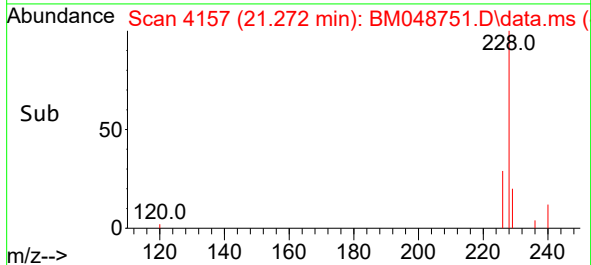
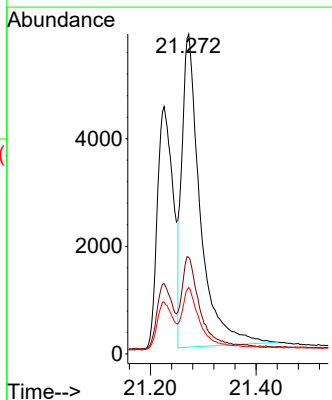
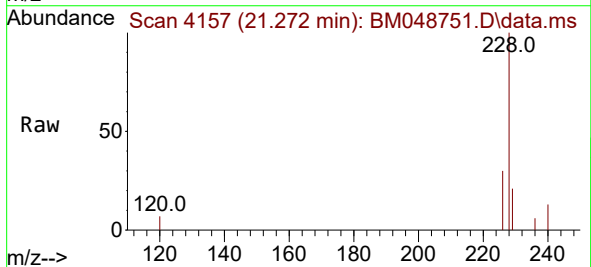
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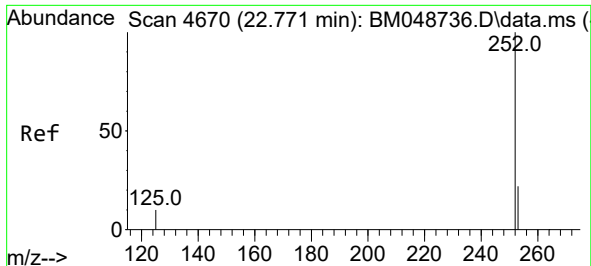
Tgt Ion:228 Resp: 9532
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 28.5 22.1 33.1



#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.272 min Scan# 4157
Delta R.T. 0.009 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

Tgt Ion:228 Resp: 13971
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 20.8 16.5 24.7

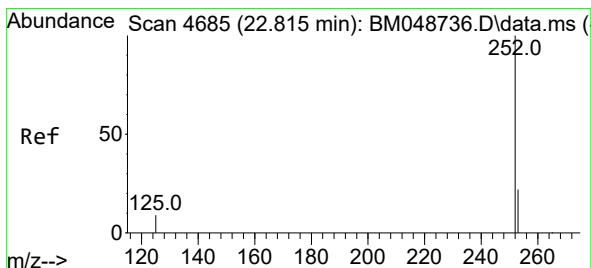
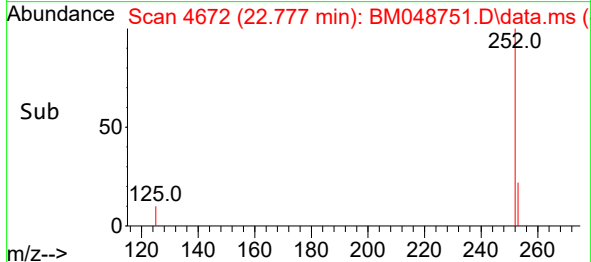
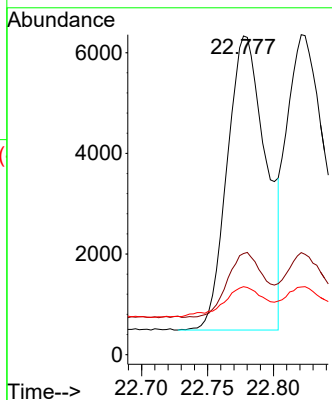
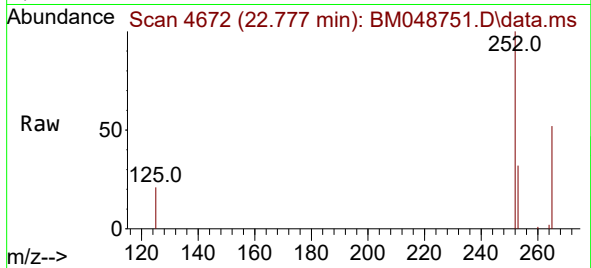




#24
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 22.777 min Scan# 4672
Delta R.T. 0.006 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

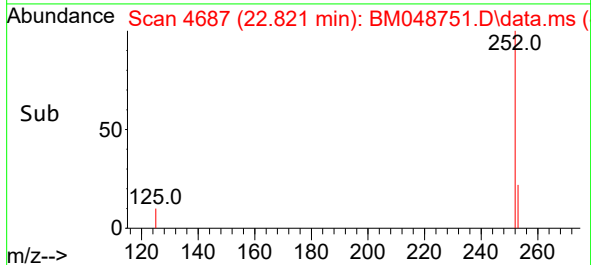
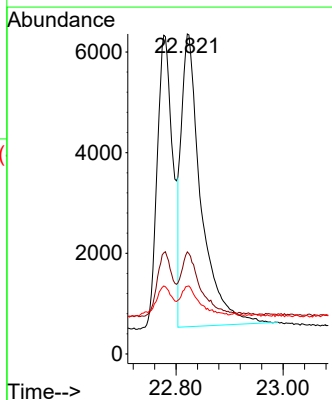
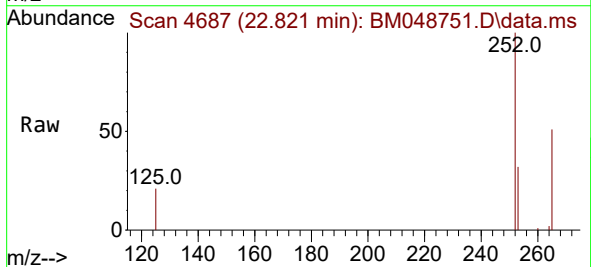
Instrument :
BNA_M
ClientSampleId :
SLCS981

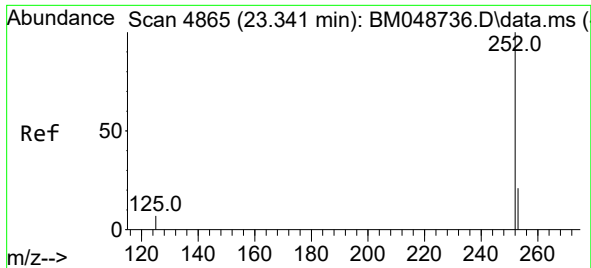
Tgt Ion:252 Resp: 11915
Ion Ratio Lower Upper
252 100
253 31.7 0.0 61.6
125 21.3 0.0 43.2



#25
Benzo(k)fluoranthene
Concen: 0.398 ng/ul
RT: 22.821 min Scan# 4687
Delta R.T. 0.006 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

Tgt Ion:252 Resp: 14866
Ion Ratio Lower Upper
252 100
253 31.9 25.0 37.4
125 21.2 17.4 26.0

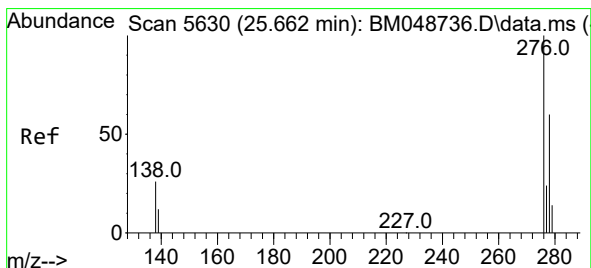
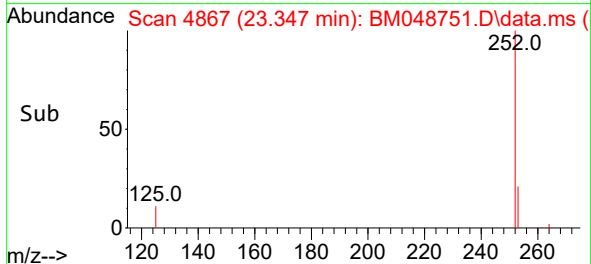
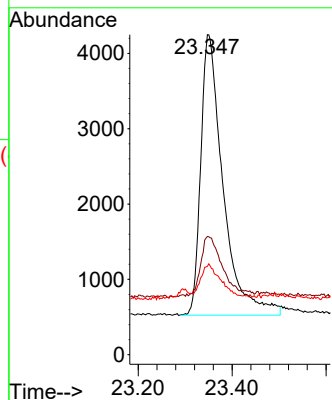
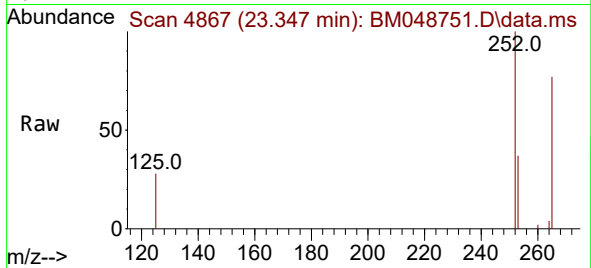




#26
Benzo(a)pyrene
Concen: 0.395 ng/ul
RT: 23.347 min Scan# 4865
Delta R.T. 0.006 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

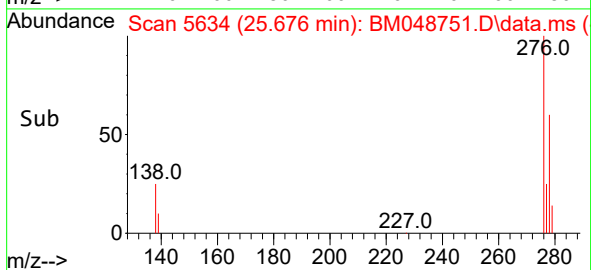
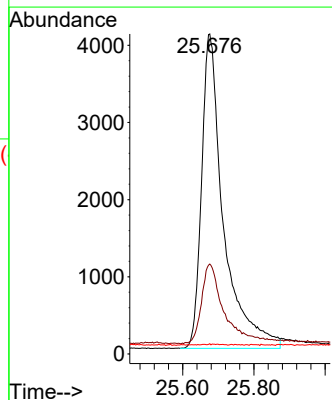
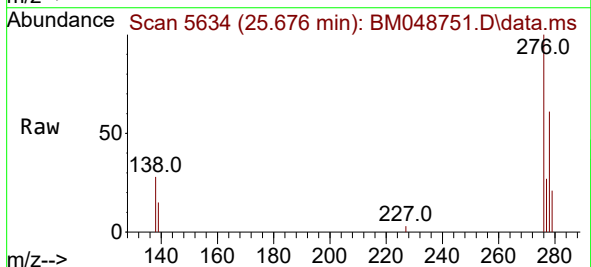
Instrument :
BNA_M
ClientSampleId :
SLCS981

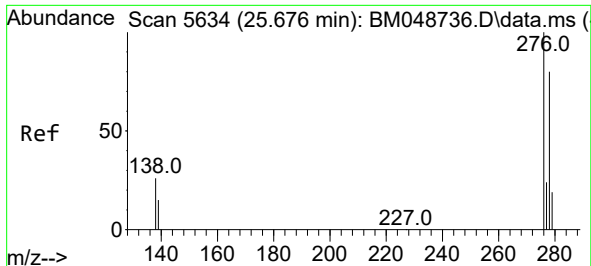
Tgt Ion:252 Resp: 12268
Ion Ratio Lower Upper
252 100
253 37.0 29.6 44.4
125 27.6 23.9 35.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng/ul
RT: 25.676 min Scan# 5634
Delta R.T. 0.013 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

Tgt Ion:276 Resp: 17391
Ion Ratio Lower Upper
276 100
138 26.7 20.1 30.1
227 0.0 0.1 0.1#

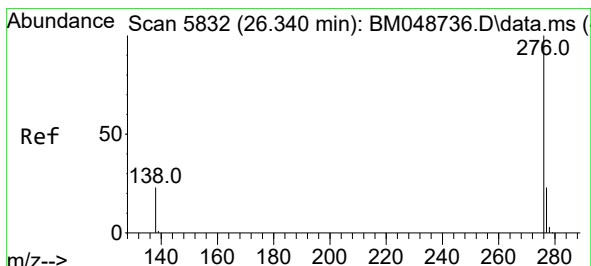
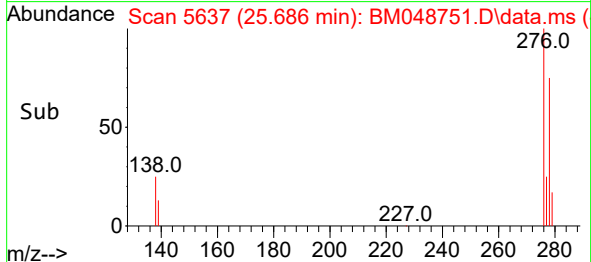
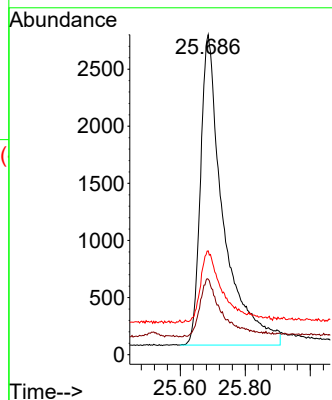
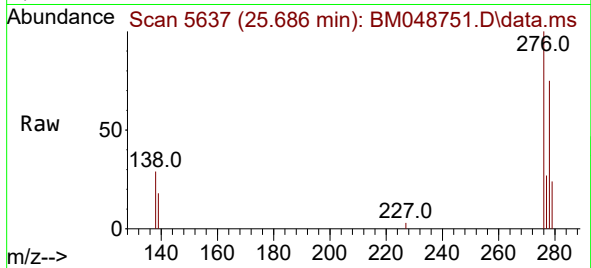




#28
Dibenzo(a,h)anthracene
Concen: 0.391 ng/ul
RT: 25.686 min Scan# 5637
Delta R.T. 0.010 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

Instrument :
BNA_M
ClientSampleId :
SLCS981

Tgt Ion:278 Resp: 13199
Ion Ratio Lower Upper
278 100
139 23.6 17.8 26.8
279 32.5 26.6 39.8



#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 26.350 min Scan# 5835
Delta R.T. 0.010 min
Lab File: BM048751.D
Acq: 16 Nov 2024 20:41

Tgt Ion:276 Resp: 14672
Ion Ratio Lower Upper
276 100
138 26.5 21.0 31.6
277 26.6 20.5 30.7

