

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044124.D
 Acq On : 16 Feb 2024 05:28
 Operator : MA/JU
 Sample : PB158951BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS951

Quant Time: Feb 16 15:20:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

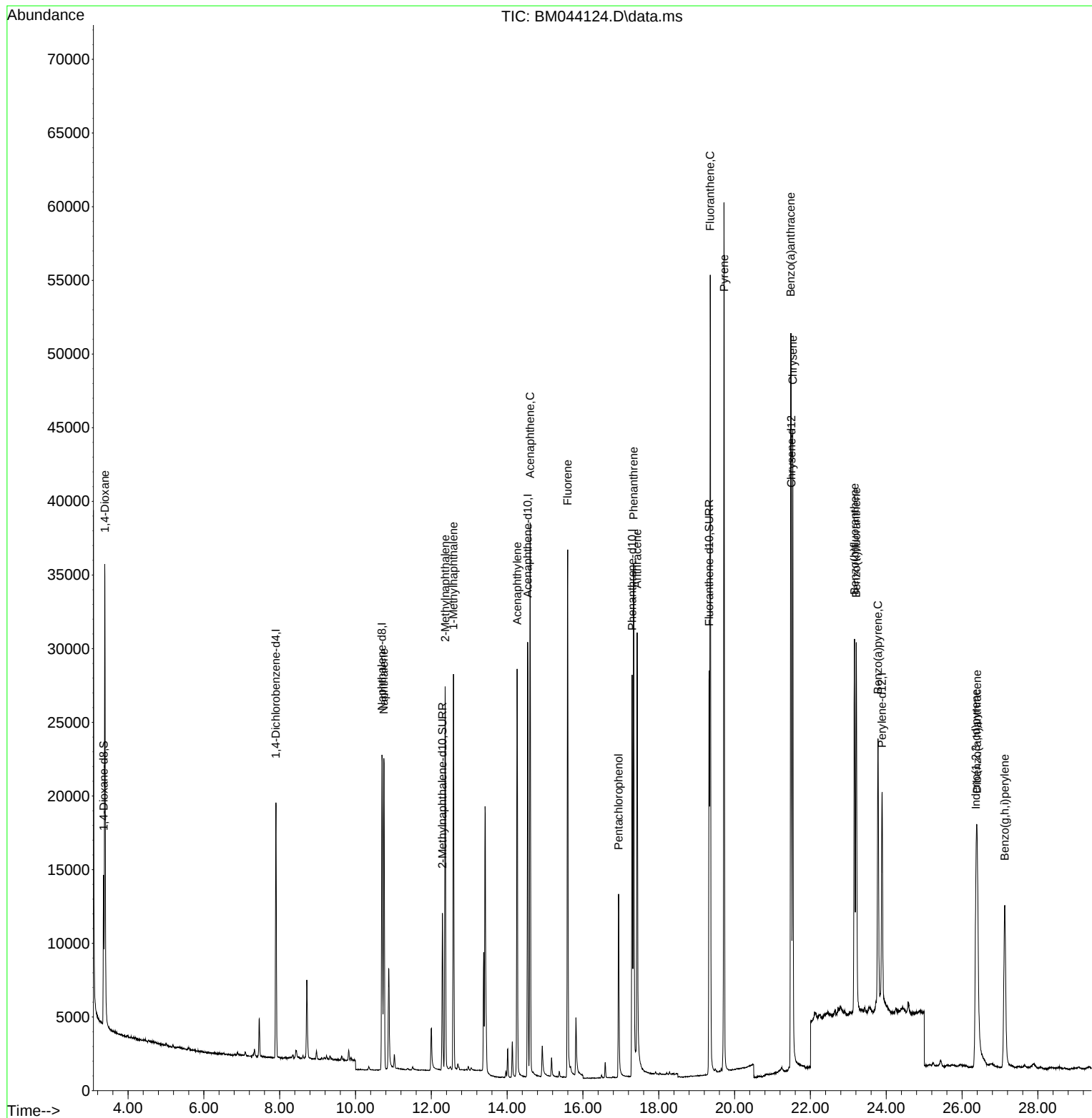
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	8884	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	29618	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	16541	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	34661	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	23794	0.400	ng/ul	0.00
23) Perylene-d12	23.891	264	21700	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	6905	0.549	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	14072	0.339	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	29718	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	21735	1.729	ng/ul#	79
5) Naphthalene	10.748	128	29748	0.338	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	19226	0.354	ng/ul	100
8) 1-Methylnaphthalene	12.585	142	18791	0.342	ng/ul	99
10) Acenaphthylene	14.265	152	32289	0.355	ng/ul	99
11) Acenaphthene	14.607	153	22179	0.337	ng/ul	97
12) Fluorene	15.597	166	24668	0.332	ng/ul	98
14) Pentachlorophenol	16.942	266	9337	0.752	ng/ul	98
15) Phenanthrene	17.338	178	38762	0.353	ng/ul	100
16) Anthracene	17.431	178	39865	0.367	ng/ul	99
19) Fluoranthene	19.359	202	46022	0.424	ng/ul	97
20) Pyrene	19.721	202	48439	0.425	ng/ul	95
21) Benzo(a)anthracene	21.482	228	39908	0.366	ng/ul	99
22) Chrysene	21.535	228	40697	0.346	ng/ul	99
24) Benzo(b)fluoranthene	23.163	252	33695	0.376	ng/ul	93
25) Benzo(k)fluoranthene	23.209	252	35749	0.368	ng/ul#	92
26) Benzo(a)pyrene	23.783	252	30645	0.368	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.370	276	31169	0.294	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.400	278	24556	0.294	ng/ul#	91
29) Benzo(g,h,i)perylene	27.128	276	25788	0.275	ng/ul	94

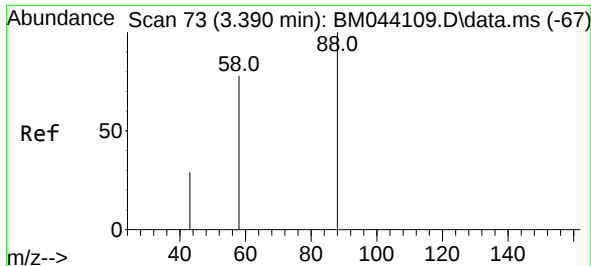
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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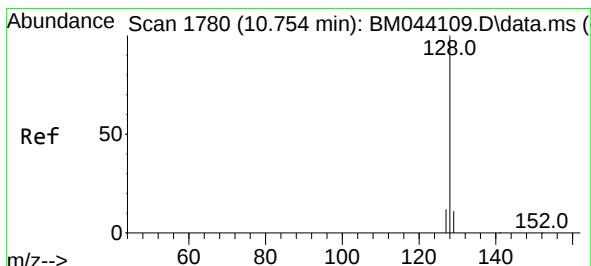
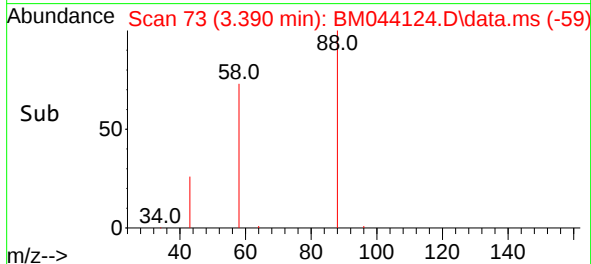
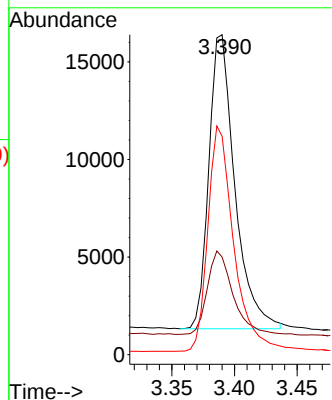
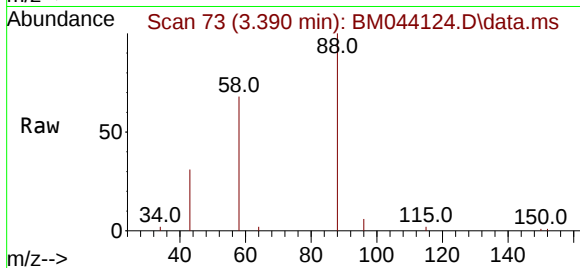




#2
1,4-Dioxane
Concen: 1.729 ng/ul
RT: 3.390 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

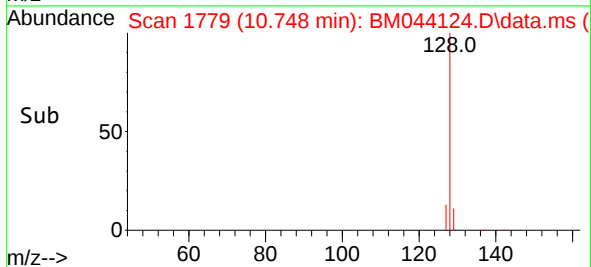
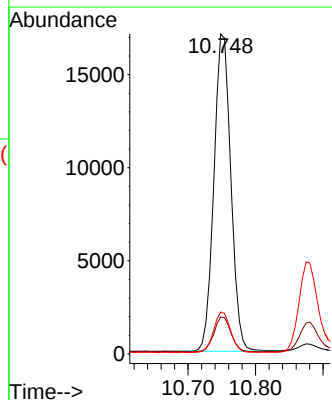
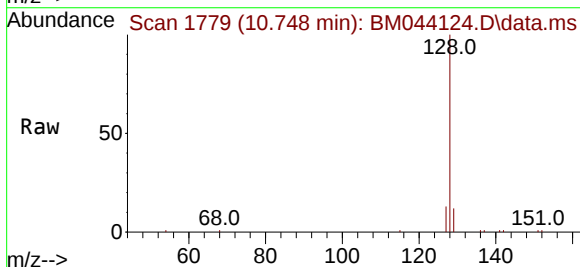
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BNA_M
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SLCS951

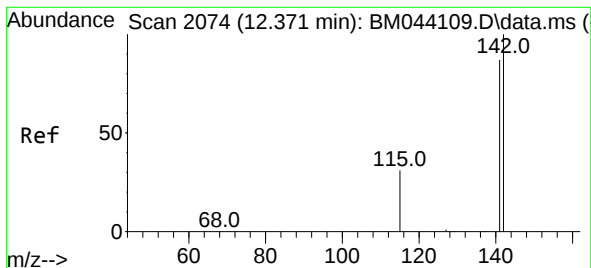
Tgt Ion: 88 Resp: 21735
Ion Ratio Lower Upper
88 100
43 30.5 32.2 48.2#
58 68.2 40.6 60.8#



#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

Tgt Ion: 128 Resp: 29748
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.1 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.354 ng/ul

RT: 12.365 min Scan# 2073

Delta R.T. -0.005 min

Lab File: BM044124.D

Acq: 16 Feb 2024 05:28

Instrument :

BNA_M

ClientSampleId :

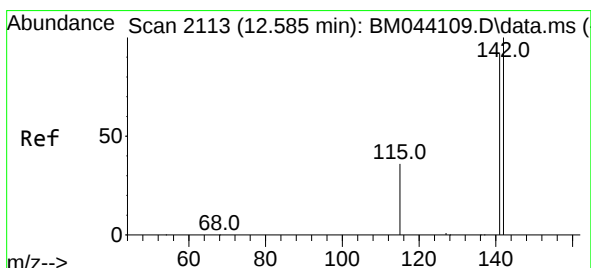
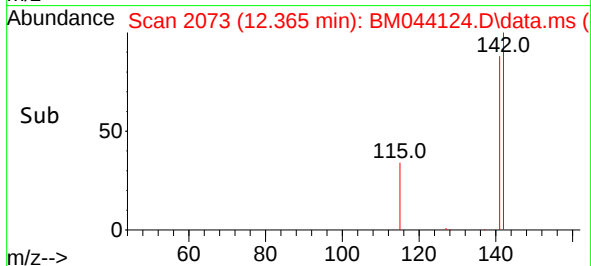
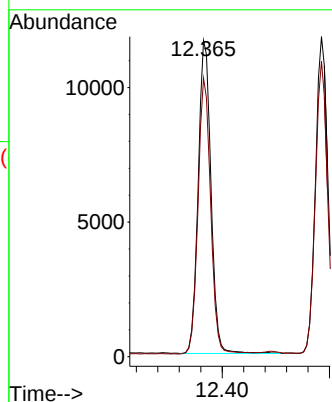
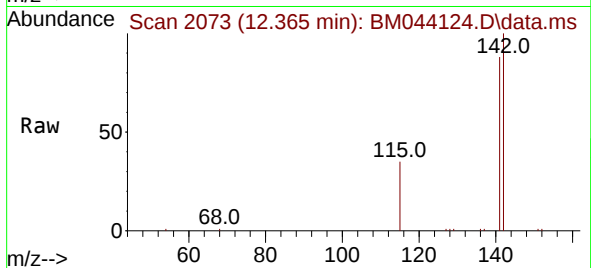
SLCS951

Tgt Ion:142 Resp: 19226

Ion Ratio Lower Upper

142 100

141 87.2 70.0 105.0



#8

1-Methylnaphthalene

Concen: 0.342 ng/ul

RT: 12.585 min Scan# 2113

Delta R.T. -0.005 min

Lab File: BM044124.D

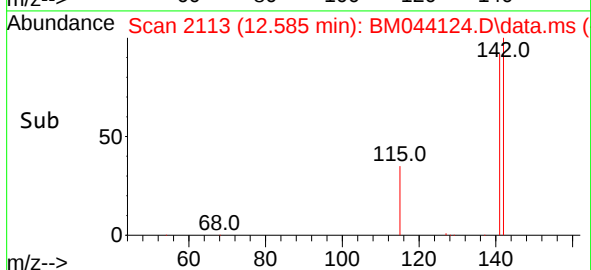
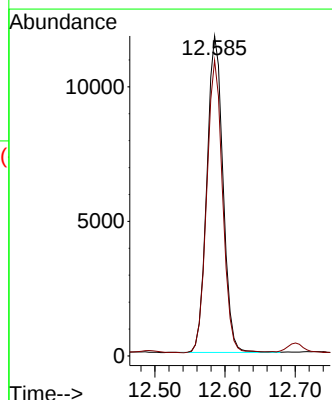
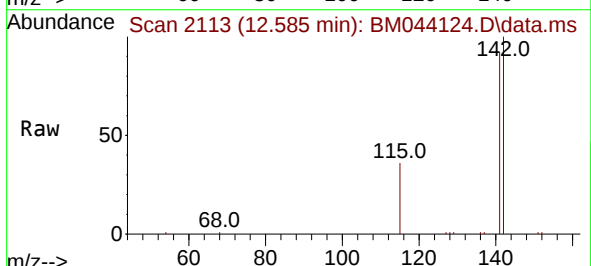
Acq: 16 Feb 2024 05:28

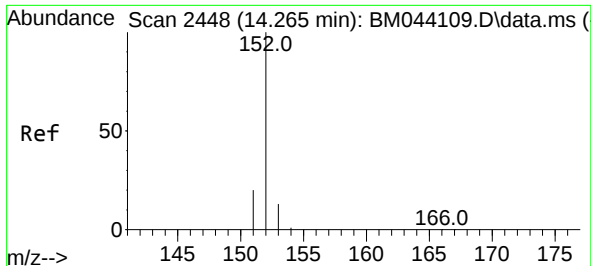
Tgt Ion:142 Resp: 18791

Ion Ratio Lower Upper

142 100

141 91.2 72.5 108.7

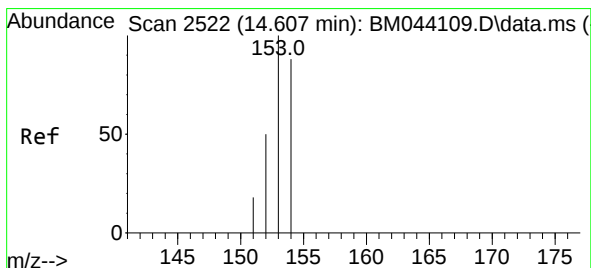
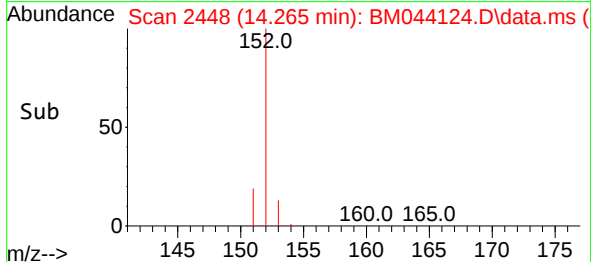
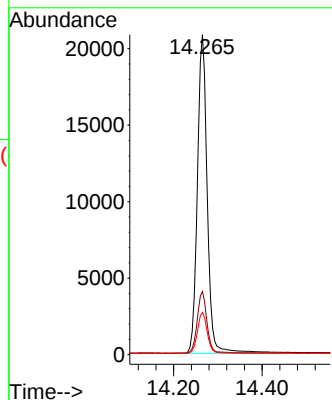
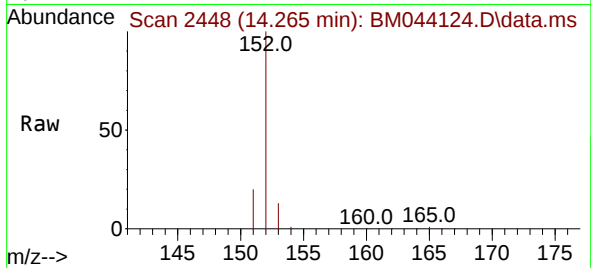




#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

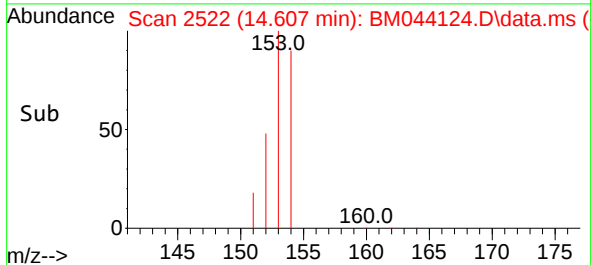
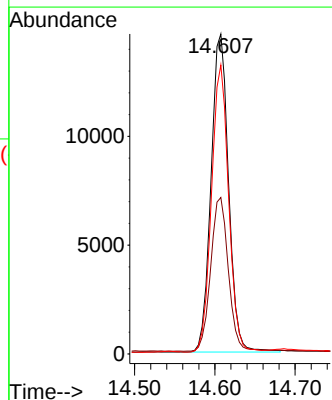
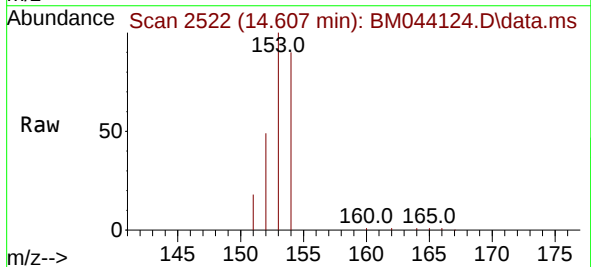
Instrument :
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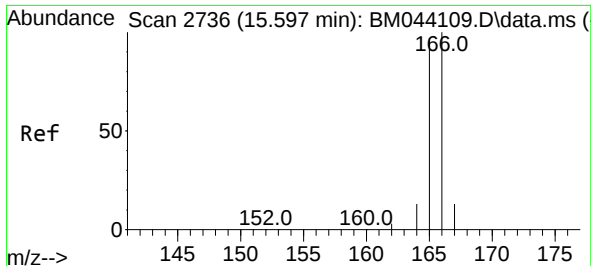
Tgt Ion:	152	Resp:	32289
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.5	23.3
153	13.2	10.8	16.2



#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.607 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

Tgt Ion:	153	Resp:	22179
Ion Ratio	Lower	Upper	
153	100		
152	48.9	40.6	61.0
154	90.3	70.1	105.1

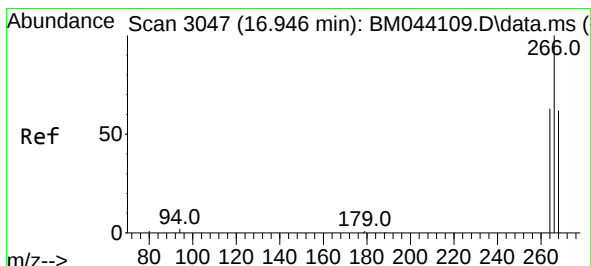
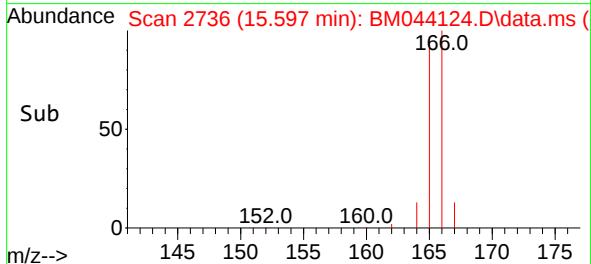
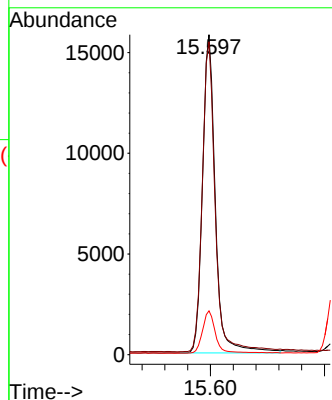
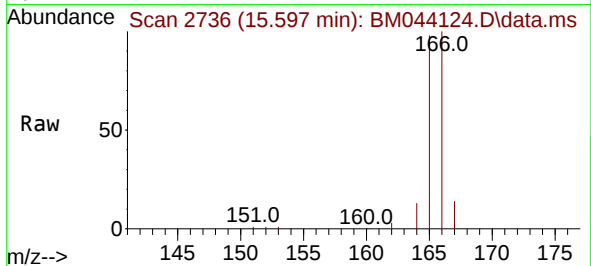




#12
Fluorene
Concen: 0.332 ng/ul
RT: 15.597 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

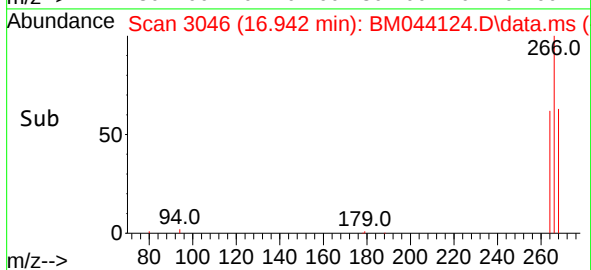
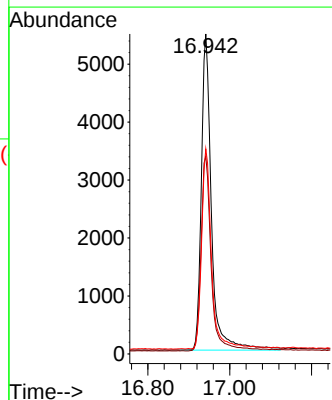
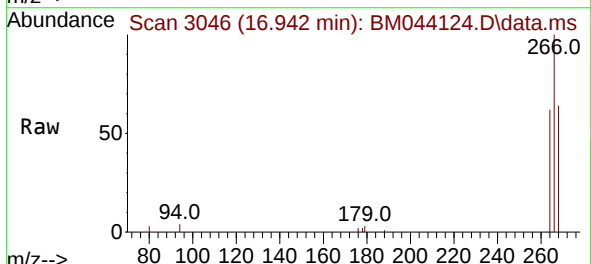
Instrument :
BNA_M
ClientSampleId :
SLCS951

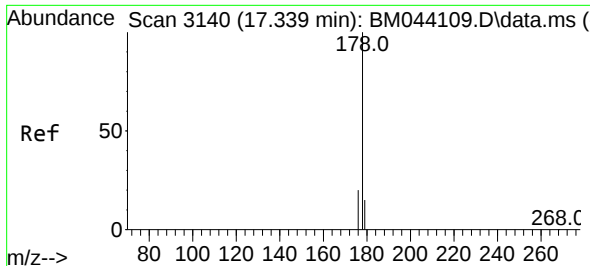
Tgt Ion:166 Resp: 24668
Ion Ratio Lower Upper
166 100
165 97.8 79.8 119.6
167 13.7 11.1 16.7



#14
Pentachlorophenol
Concen: 0.752 ng/ul
RT: 16.942 min Scan# 3046
Delta R.T. -0.004 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

Tgt Ion:266 Resp: 9337
Ion Ratio Lower Upper
266 100
264 62.6 49.4 74.0
268 63.6 52.1 78.1

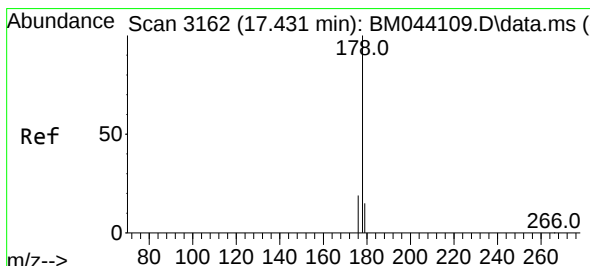
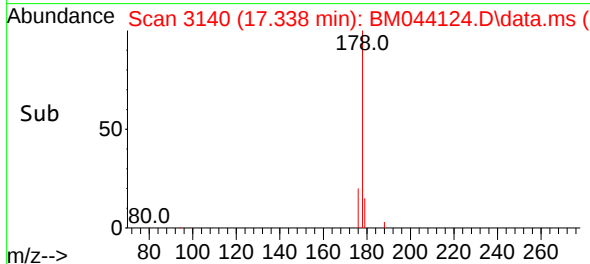
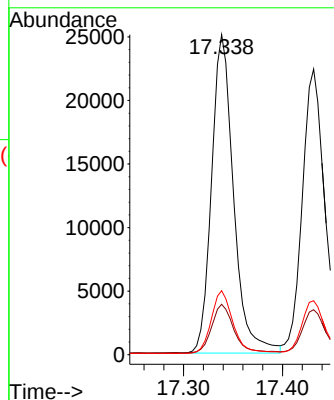
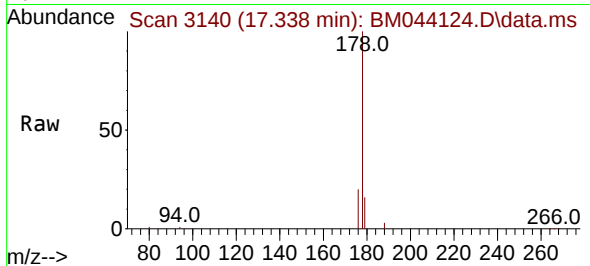




#15
Phenanthrene
Concen: 0.353 ng/u1
RT: 17.338 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

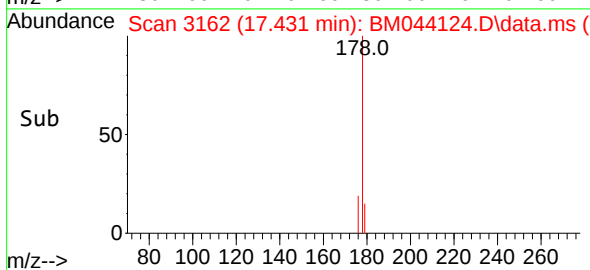
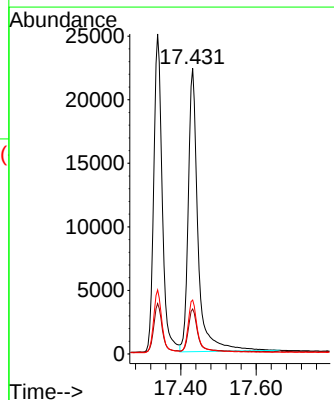
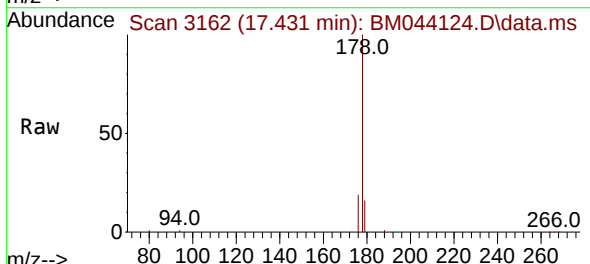
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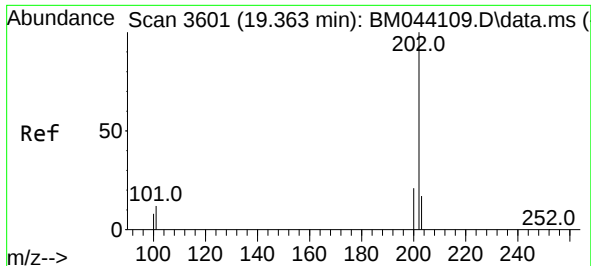
Tgt Ion:178 Resp: 38762
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.367 ng/u1
RT: 17.431 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

Tgt Ion:178 Resp: 39865
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 18.9 15.3 22.9

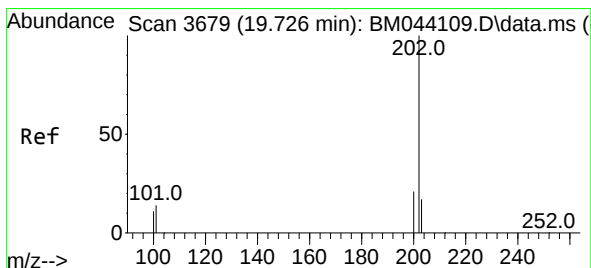
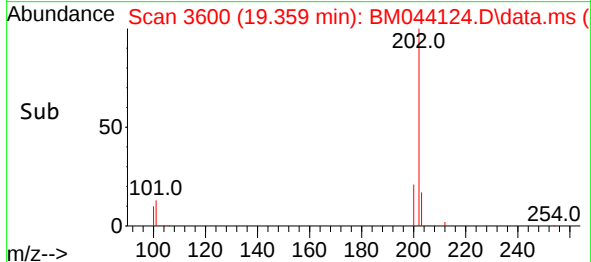
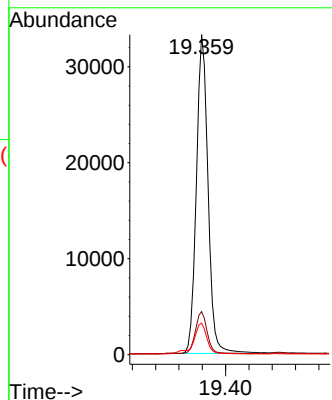
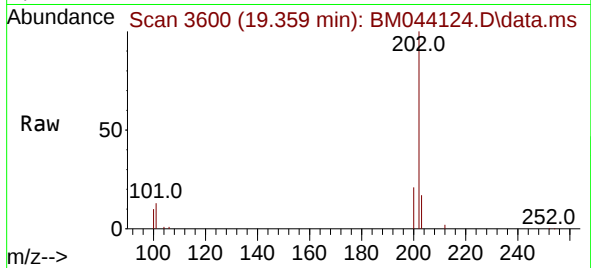




#19
Fluoranthene
Concen: 0.424 ng/ul
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

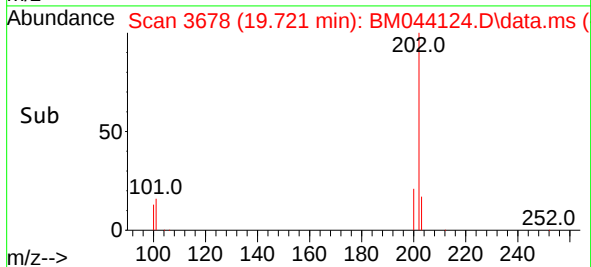
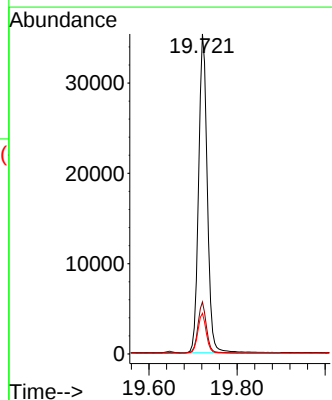
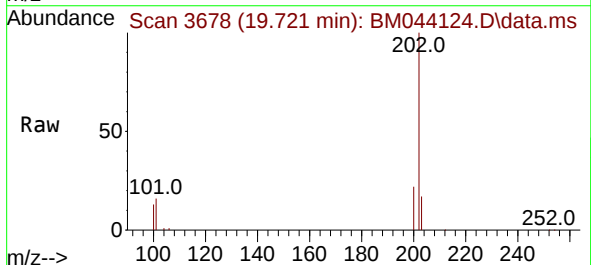
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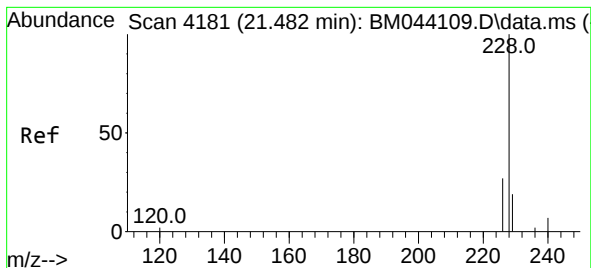
Tgt Ion:202 Resp: 46022
Ion Ratio Lower Upper
202 100
101 13.4 9.8 14.6
100 9.8 7.0 10.4



#20
Pyrene
Concen: 0.425 ng/ul
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

Tgt Ion:202 Resp: 48439
Ion Ratio Lower Upper
202 100
101 16.2 11.2 16.8
100 12.7 8.6 13.0





#21

Benzo(a)anthracene

Concen: 0.366 ng/ul

RT: 21.482 min Scan# 4181

Delta R.T. -0.003 min

Lab File: BM044124.D

Acq: 16 Feb 2024 05:28

Instrument :

BNA_M

ClientSampleId :

SLCS951

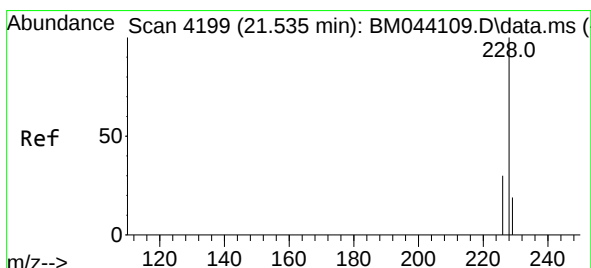
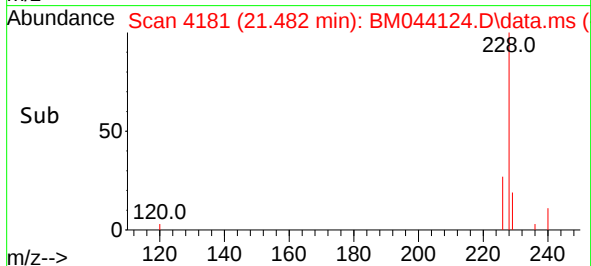
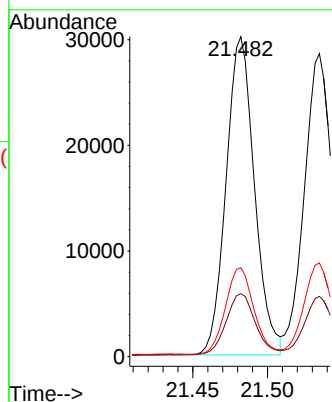
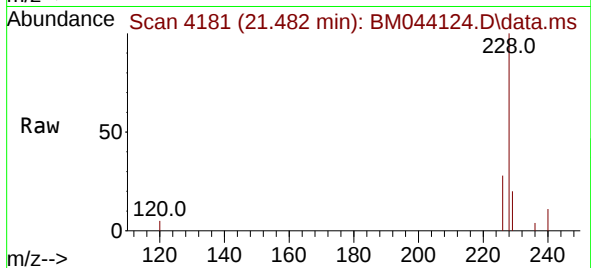
Tgt Ion:228 Resp: 39908

Ion Ratio Lower Upper

228 100

229 19.7 15.4 23.2

226 27.8 22.1 33.1



#22

Chrysene

Concen: 0.346 ng/ul

RT: 21.535 min Scan# 4199

Delta R.T. -0.003 min

Lab File: BM044124.D

Acq: 16 Feb 2024 05:28

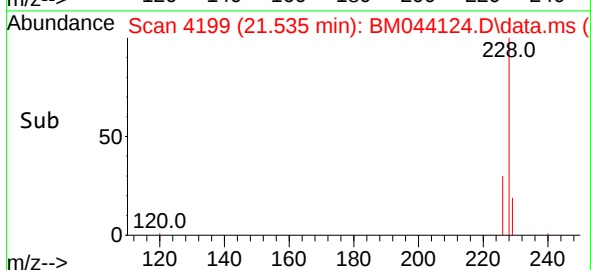
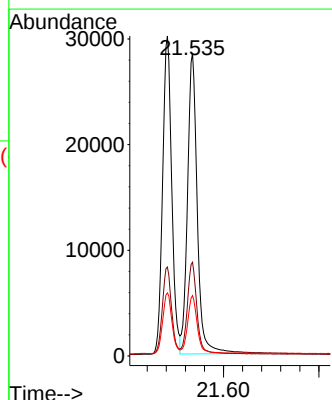
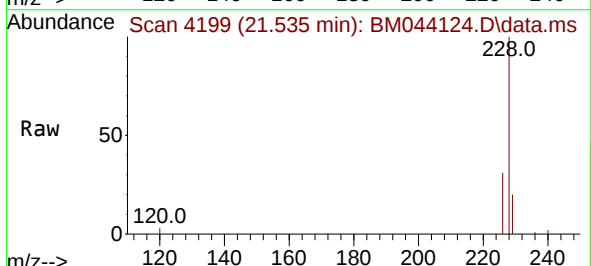
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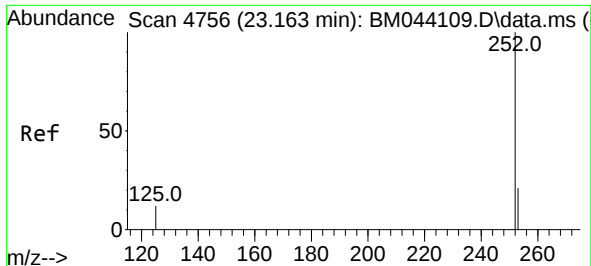
Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.2

229 19.9 15.8 23.6

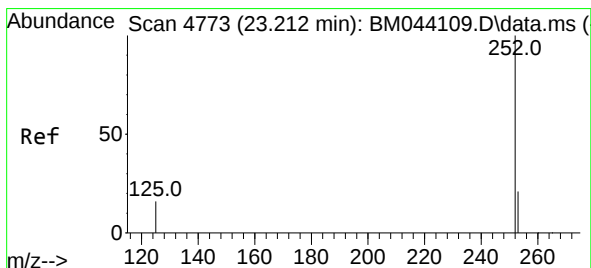
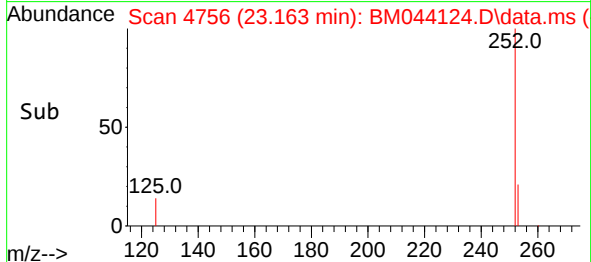
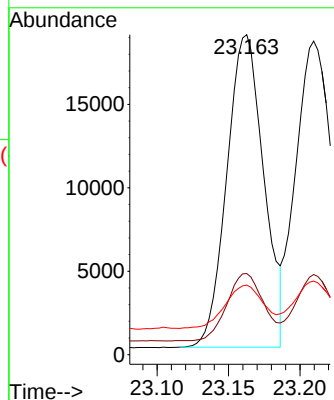
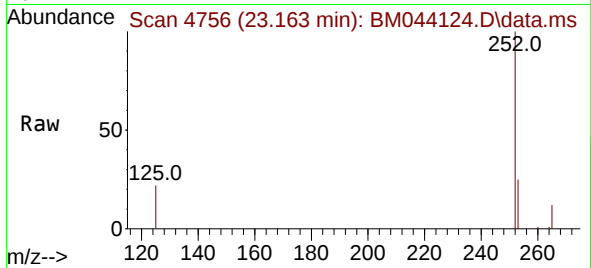




#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 23.163 min Scan# 4756
Delta R.T. 0.000 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

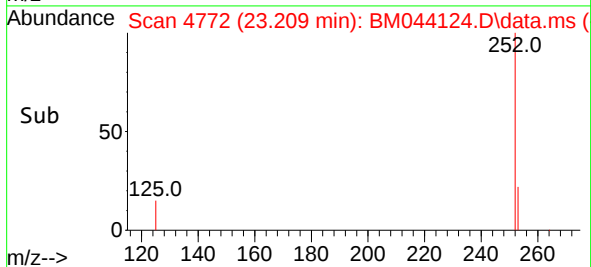
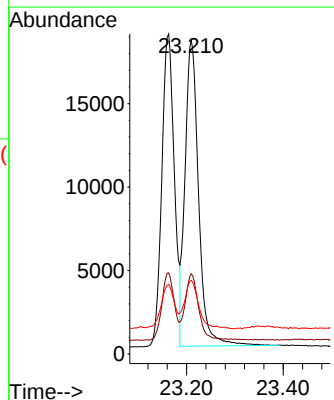
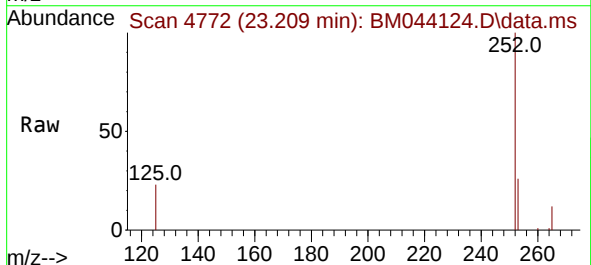
Instrument :
BNA_M
ClientSampleId :
SLCS951

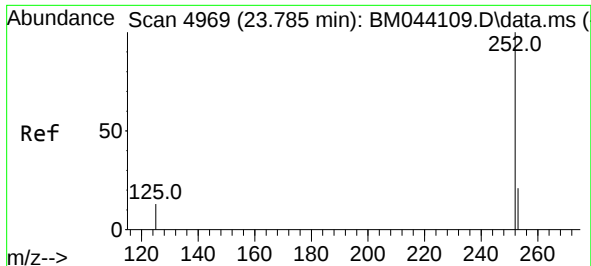
Tgt Ion:252 Resp: 33695
Ion Ratio Lower Upper
252 100
253 25.3 0.0 50.0
125 21.8 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 23.209 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

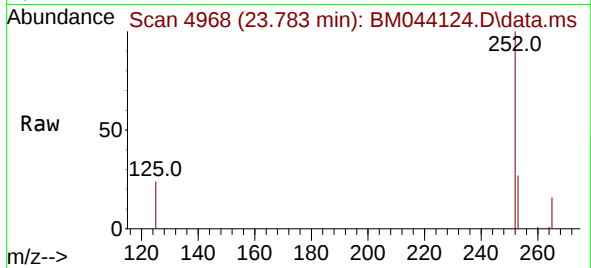
Tgt Ion:252 Resp: 35749
Ion Ratio Lower Upper
252 100
253 25.6 20.1 30.1
125 23.5 12.3 18.5#



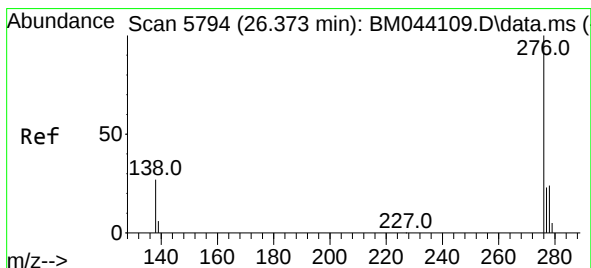
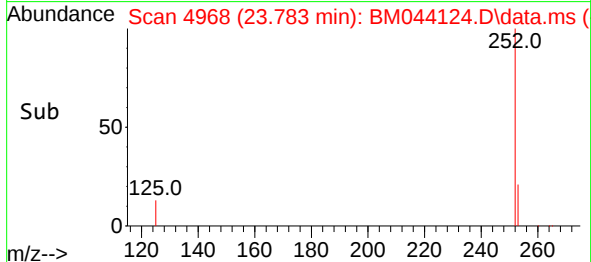
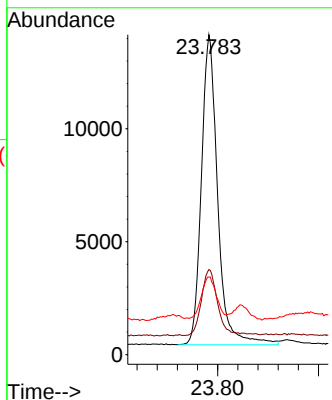


#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.783 min Scan# 4969
Delta R.T. -0.003 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

Instrument :
BNA_M
ClientSampleId :
SLCS951

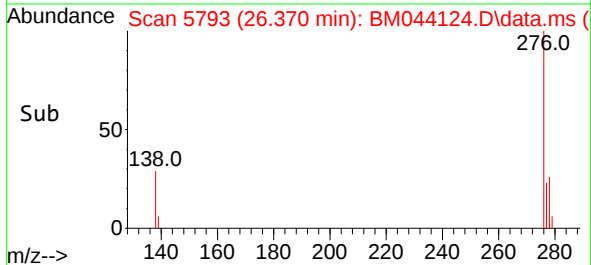
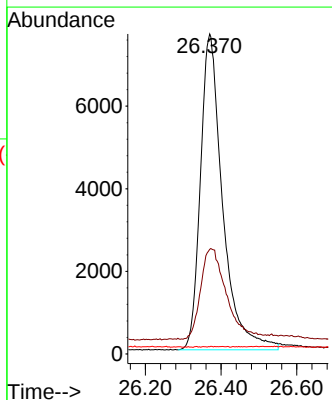
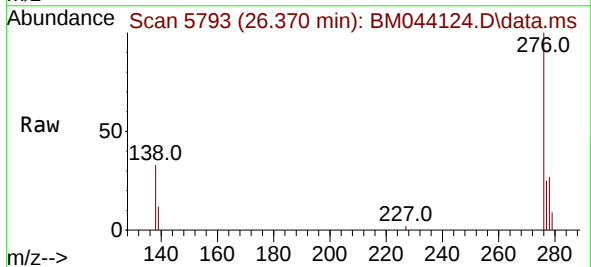


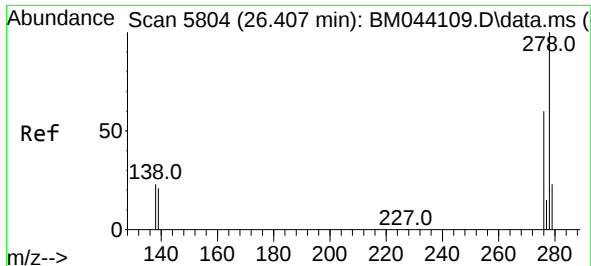
Tgt Ion:252 Resp: 30645
Ion Ratio Lower Upper
252 100
253 26.6 21.4 32.2
125 24.3 13.3 19.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.294 ng/ul
RT: 26.370 min Scan# 5793
Delta R.T. 0.000 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

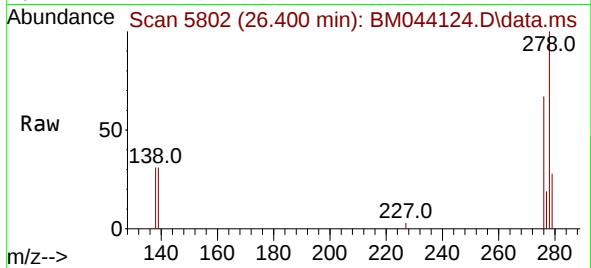
Tgt Ion:276 Resp: 31169
Ion Ratio Lower Upper
276 100
138 34.0 25.2 37.8
227 0.1 0.1 0.1#



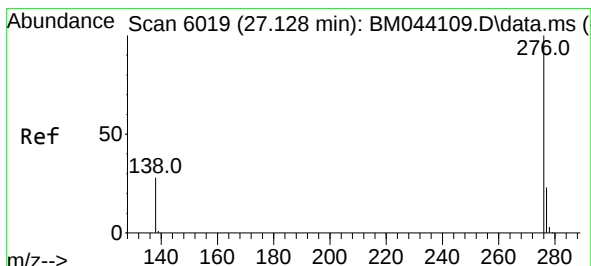
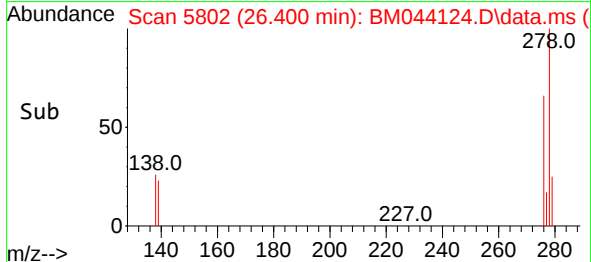
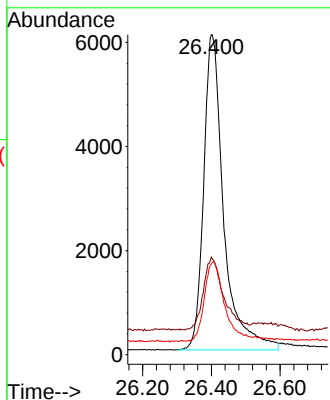


#28
Dibenzo(a,h)anthracene
Concen: 0.294 ng/ul
RT: 26.400 min Scan# 5804
Delta R.T. -0.010 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

Instrument :
BNA_M
ClientSampleId :
SLCS951



Tgt Ion:278 Resp: 24556
Ion Ratio Lower Upper
278 100
139 30.5 17.8 26.8#
279 28.3 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.275 ng/ul
RT: 27.128 min Scan# 6019
Delta R.T. 0.000 min
Lab File: BM044124.D
Acq: 16 Feb 2024 05:28

Tgt Ion:276 Resp: 25788
Ion Ratio Lower Upper
276 100
138 33.5 22.7 34.1
277 25.0 19.0 28.6

