

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
 Data File : BM048752.D
 Acq On : 16 Nov 2024 21:17
 Operator : RC/JU
 Sample : PB164979BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS979

Quant Time: Nov 17 22:49:52 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

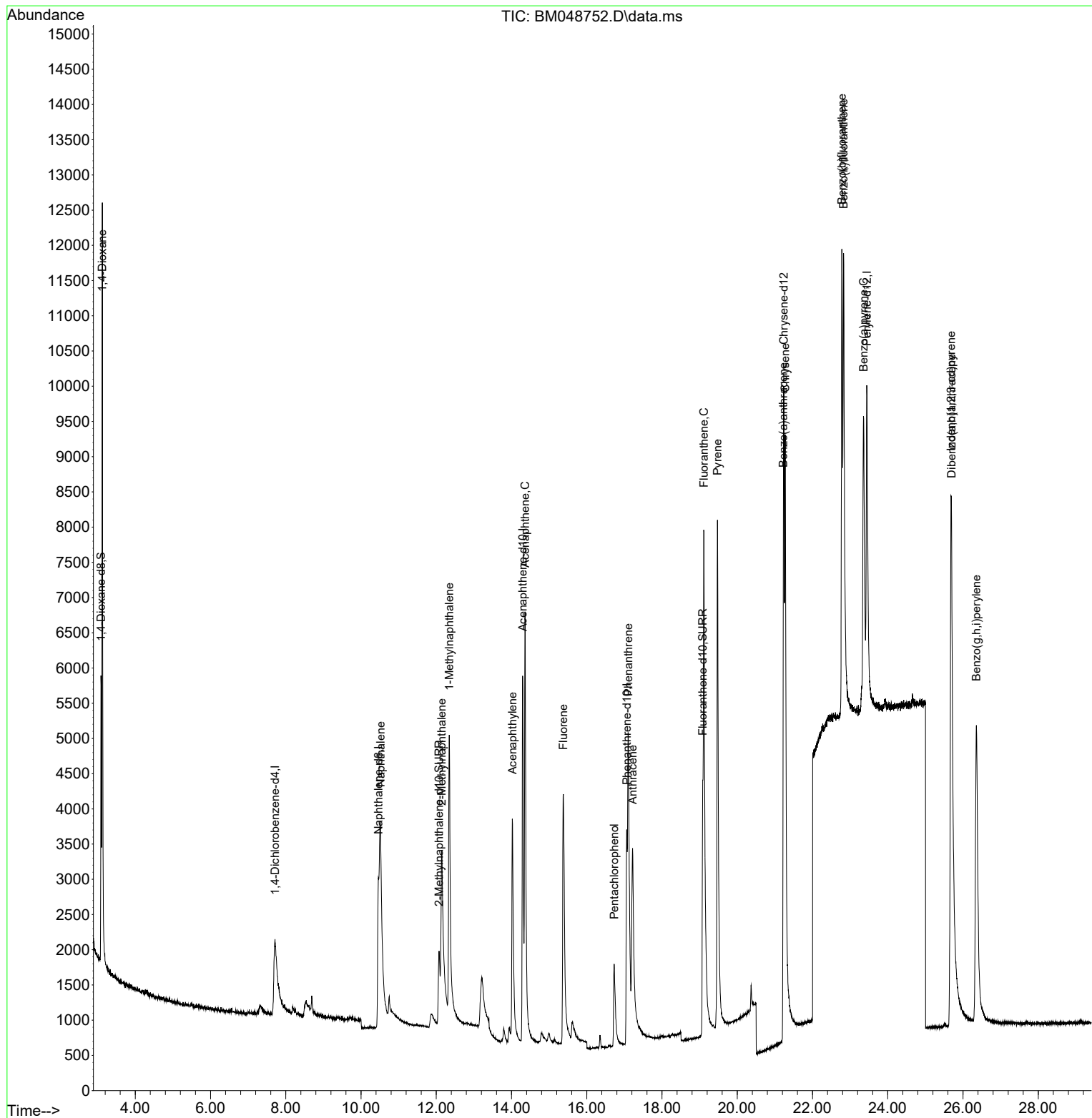
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.713	152	2299	0.400	ng/ul	0.03
4) Naphthalene-d8	10.465	136	8543	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.295	164	4883	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.062	188	8779	0.400	ng/ul	0.02
17) Chrysene-d12	21.237	240	7861	0.400	ng/ul	0.00
23) Perylene-d12	23.444	264	8861	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	2635	0.950	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.076	152	4092	0.370	ng/ul	0.03
18) Fluoranthene-d10	19.082	212	8025	0.364	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	7283	2.284	ng/ul#	63
5) Naphthalene	10.520	128	8068	0.377	ng/ul#	94
7) 2-Methylnaphthalene	12.147	142	4493	0.334	ng/ul	93
8) 1-Methylnaphthalene	12.345	142	5416	0.393	ng/ul	100
10) Acenaphthylene	14.022	152	7103	0.383	ng/ul	98
11) Acenaphthene	14.360	153	5656	0.381	ng/ul	98
12) Fluorene	15.377	166	5756	0.357	ng/ul	99
14) Pentachlorophenol	16.729	266	1762	0.547	ng/ul	92
15) Phenanthrene	17.104	178	7764	0.337	ng/ul	97
16) Anthracene	17.218	178	7068	0.329	ng/ul	95
19) Fluoranthene	19.115	202	10358	0.356	ng/ul	99
20) Pyrene	19.473	202	11309	0.358	ng/ul	99
21) Benzo(a)anthracene	21.226	228	8159	0.317	ng/ul	98
22) Chrysene	21.275	228	12952	0.419	ng/ul	99
24) Benzo(b)fluoranthene	22.780	252	10306	0.373	ng/ul	97
25) Benzo(k)fluoranthene	22.827	252	13670	0.422	ng/ul	98
26) Benzo(a)pyrene	23.356	252	10854	0.403	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.683	276	15204	0.404	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.696	278	11519	0.393	ng/ul	98
29) Benzo(g,h,i)perylene	26.357	276	13024	0.412	ng/ul	98

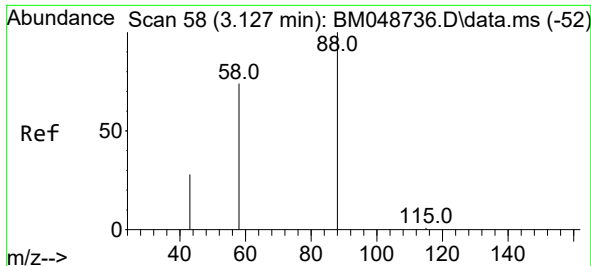
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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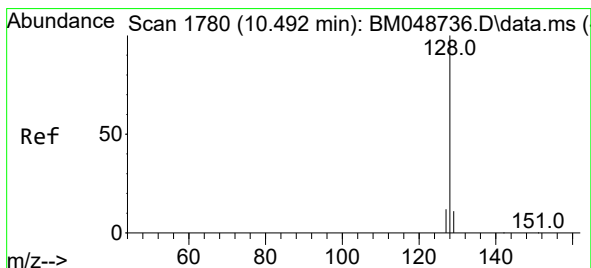
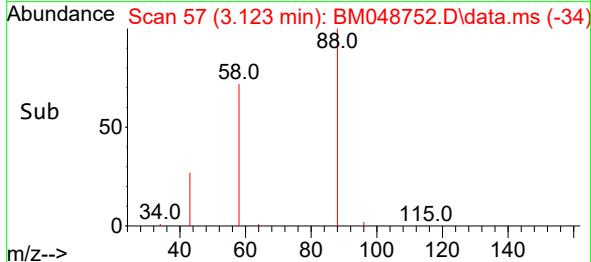
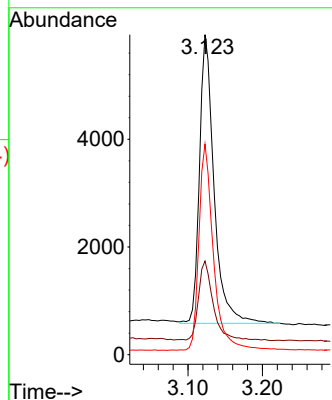
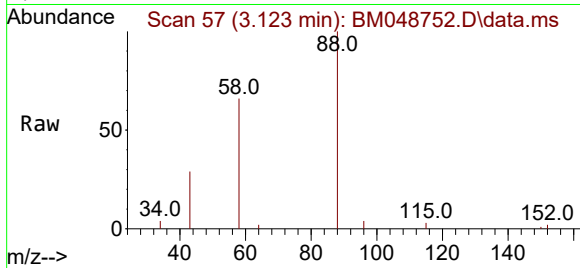




#2
1,4-Dioxane
Concen: 2.284 ng/ul
RT: 3.123 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048752.D
Acq: 16 Nov 2024 21:17

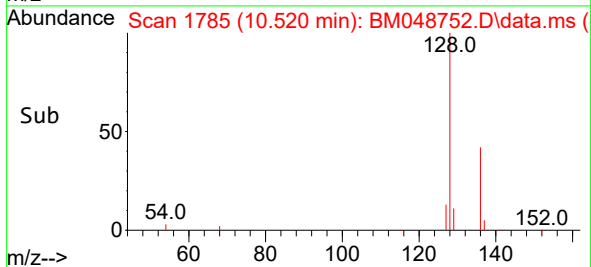
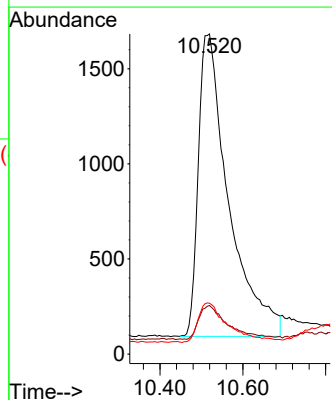
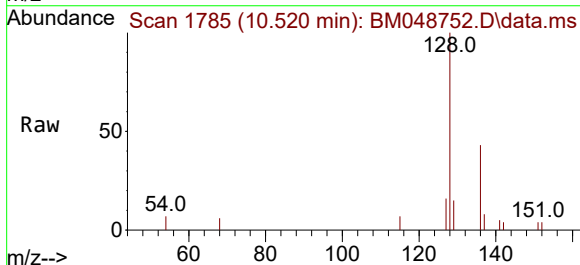
Instrument :
BNA_M
ClientSampleId :
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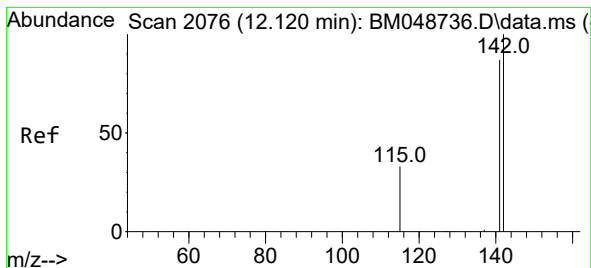
Tgt Ion: 88 Resp: 7283
Ion Ratio Lower Upper
88 100
43 29.3 60.2 90.4#
58 65.8 44.2 66.2



#5
Naphthalene
Concen: 0.377 ng/ul
RT: 10.520 min Scan# 1785
Delta R.T. 0.028 min
Lab File: BM048752.D
Acq: 16 Nov 2024 21:17

Tgt Ion: 128 Resp: 8068
Ion Ratio Lower Upper
128 100
129 15.2 10.0 15.0#
127 15.9 10.9 16.3

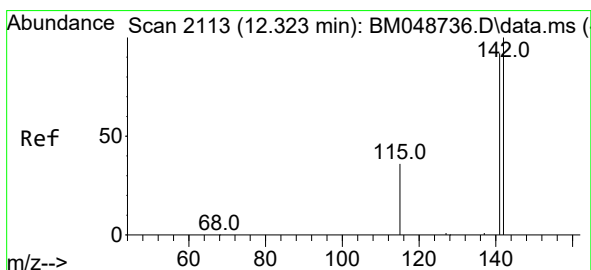
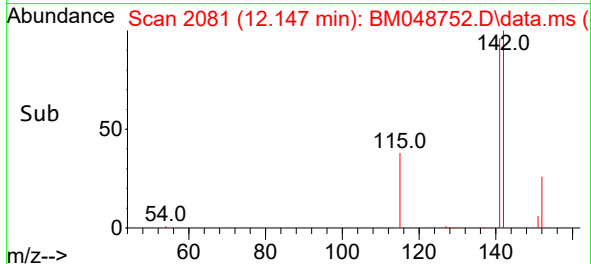
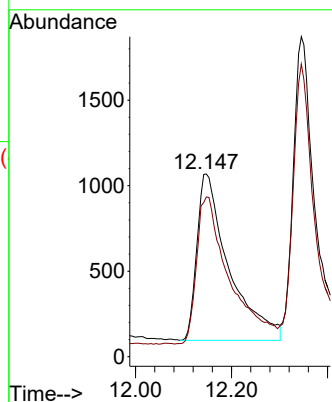
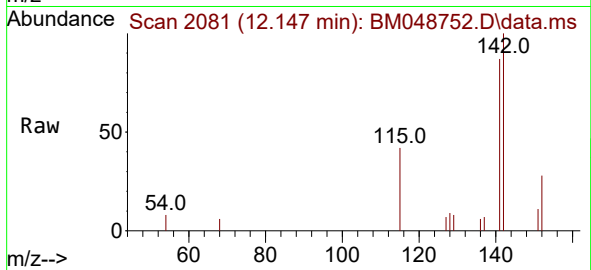




#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.147 min Scan# 2076
Delta R.T. 0.028 min
Lab File: BM048752.D
Acq: 16 Nov 2024 21:17

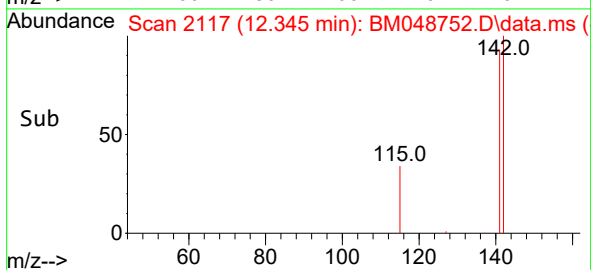
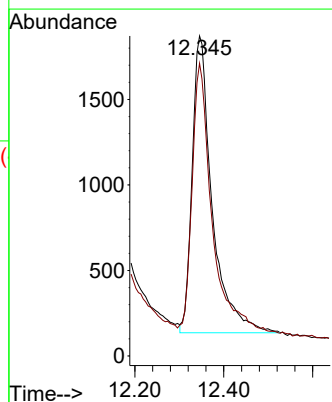
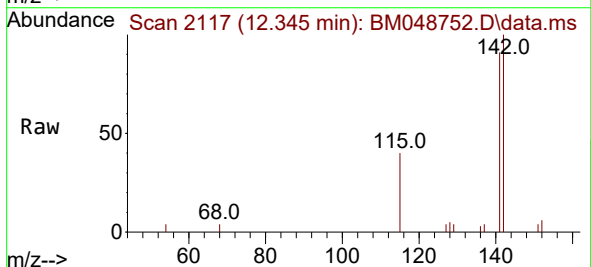
Instrument :
BNA_M
ClientSampleId :
SLCS979

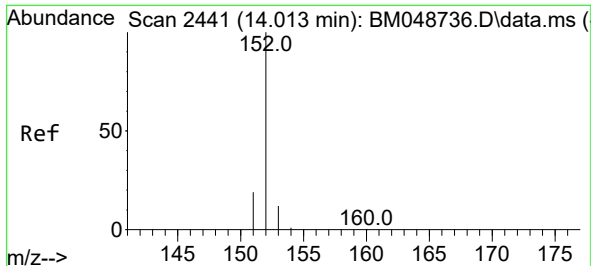
Tgt Ion:142 Resp: 4493
Ion Ratio Lower Upper
142 100
141 92.2 68.6 103.0



#8
1-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.345 min Scan# 2117
Delta R.T. 0.022 min
Lab File: BM048752.D
Acq: 16 Nov 2024 21:17

Tgt Ion:142 Resp: 5416
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2

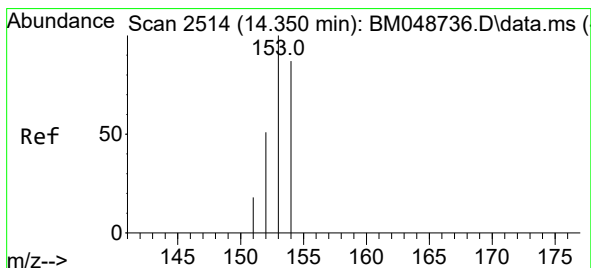
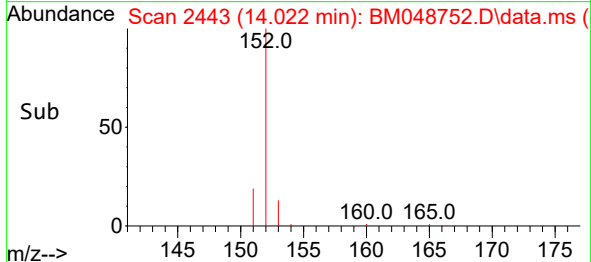
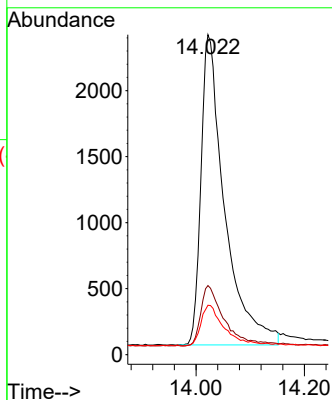
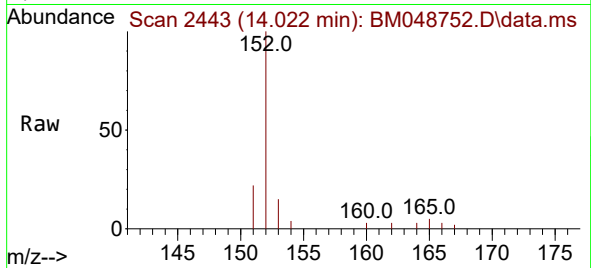




#10
Acenaphthylene
Concen: 0.383 ng/ul
RT: 14.022 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BM048752.D
Acq: 16 Nov 2024 21:17

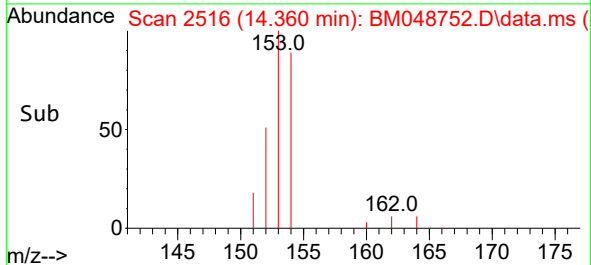
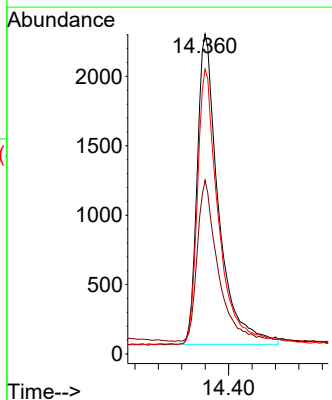
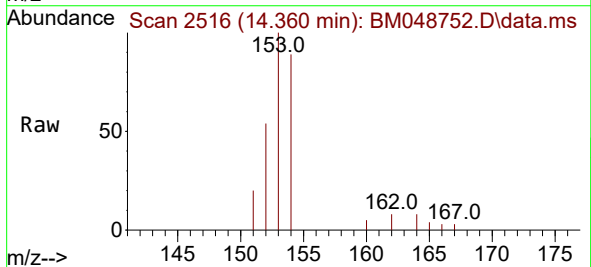
Instrument :
BNA_M
ClientSampleId :
SLCS979

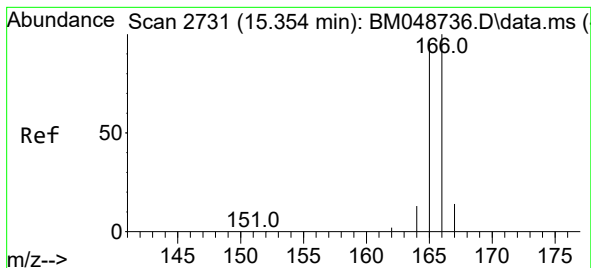
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.5	24.7
153	15.4	11.6	17.4



#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.360 min Scan# 2516
Delta R.T. 0.009 min
Lab File: BM048752.D
Acq: 16 Nov 2024 21:17

Tgt Ion	Ratio	Lower	Upper
153	100		
152	54.3	41.1	61.7
154	89.0	70.3	105.5





#12

Fluorene

Concen: 0.357 ng/ul

RT: 15.377 min Scan# 21

Delta R.T. 0.023 min

Lab File: BM048752.D

Acq: 16 Nov 2024 21:17

Instrument :

BNA_M

ClientSampleId :

SLCS979

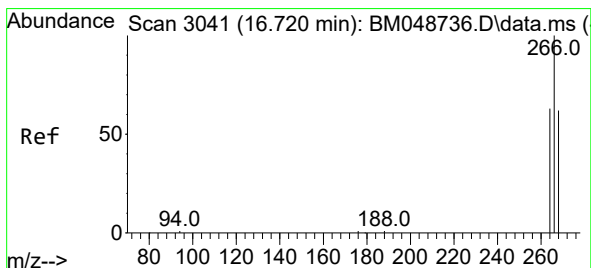
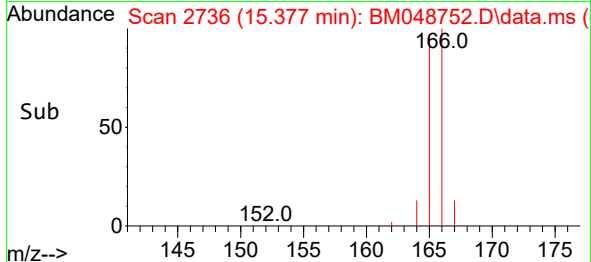
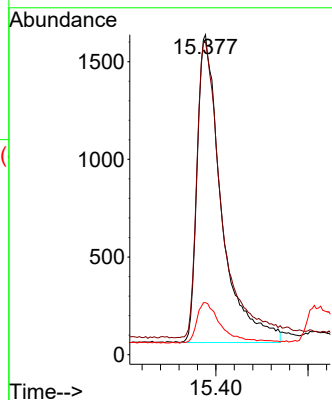
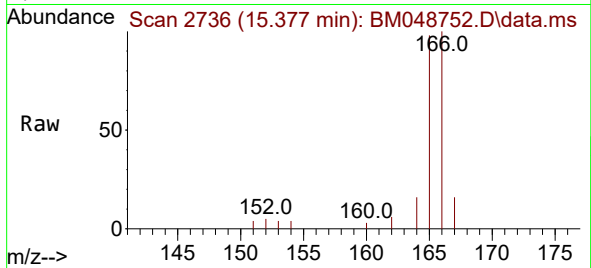
Tgt Ion:166 Resp: 5756

Ion Ratio Lower Upper

166 100

165 97.7 78.7 118.1

167 16.2 12.6 18.8



#14

Pentachlorophenol

Concen: 0.547 ng/ul

RT: 16.729 min Scan# 3043

Delta R.T. 0.009 min

Lab File: BM048752.D

Acq: 16 Nov 2024 21:17

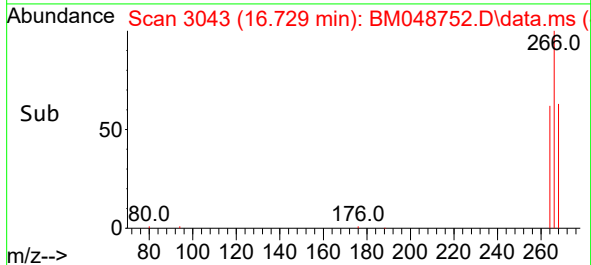
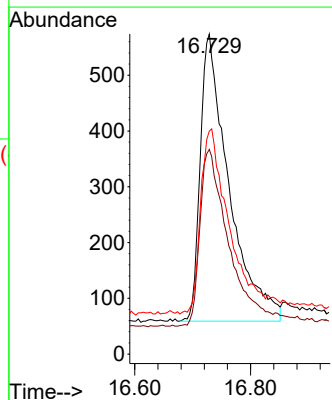
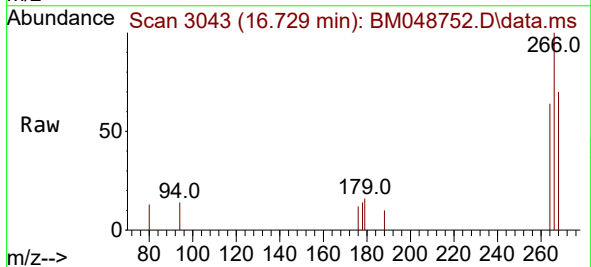
Tgt Ion:266 Resp: 1762

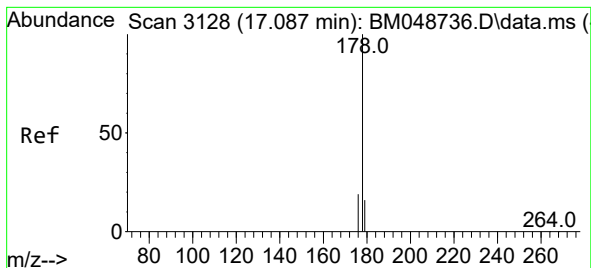
Ion Ratio Lower Upper

266 100

264 65.9 49.6 74.4

268 70.1 49.4 74.0





#15

Phenanthrene

Concen: 0.337 ng/ul

RT: 17.104 min Scan# 31

Delta R.T. 0.017 min

Lab File: BM048752.D

Acq: 16 Nov 2024 21:17

Instrument :

BNA_M

ClientSampleId :

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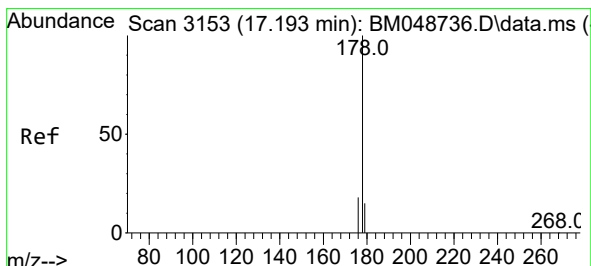
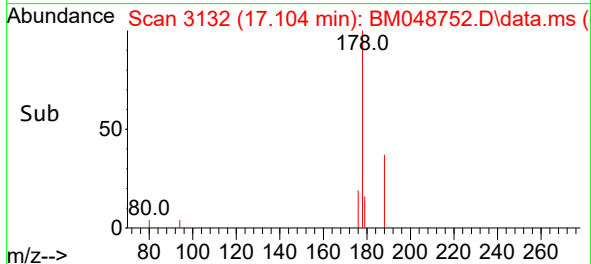
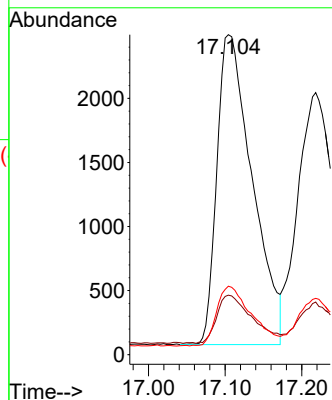
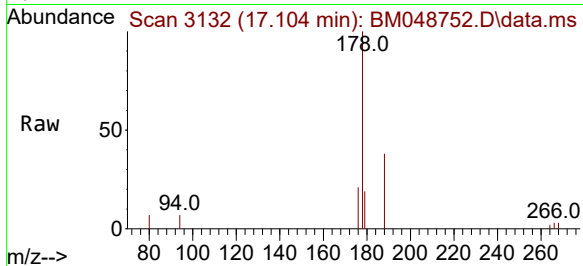
Tgt Ion:178 Resp: 7764

Ion Ratio Lower Upper

178 100

179 18.6 13.4 20.0

176 21.4 16.2 24.2



#16

Anthracene

Concen: 0.329 ng/ul

RT: 17.218 min Scan# 3159

Delta R.T. 0.025 min

Lab File: BM048752.D

Acq: 16 Nov 2024 21:17

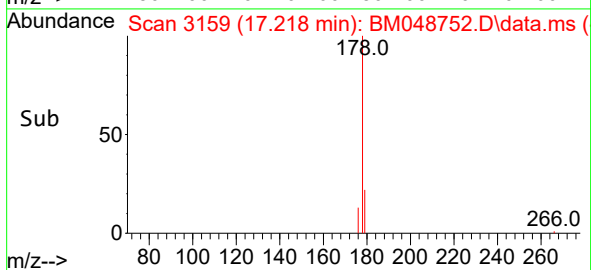
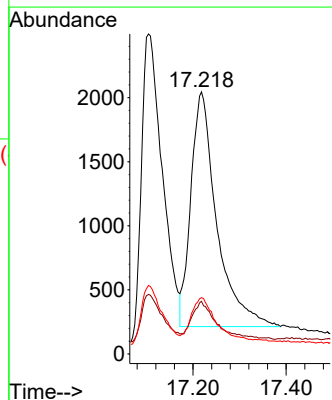
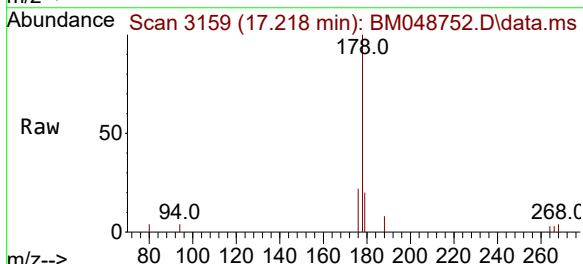
Tgt Ion:178 Resp: 7068

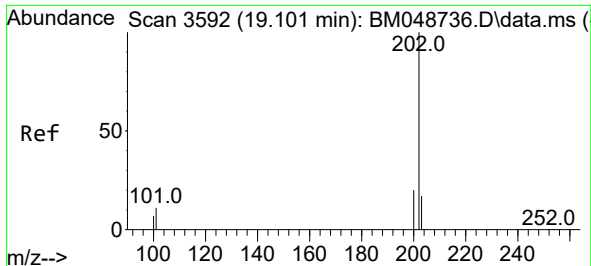
Ion Ratio Lower Upper

178 100

179 20.1 13.7 20.5

176 21.5 15.9 23.9

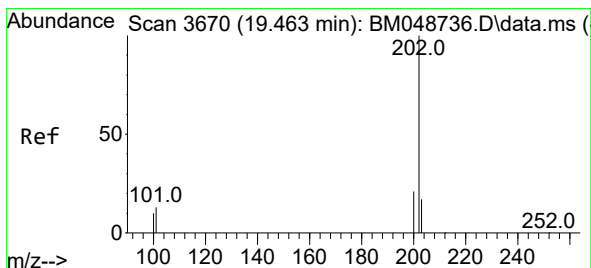
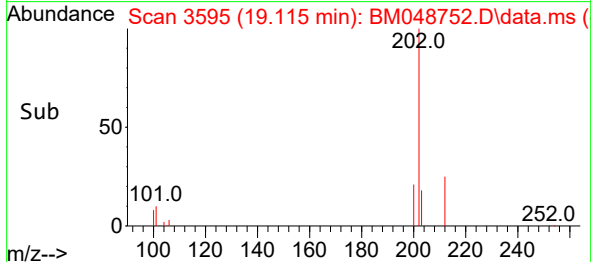
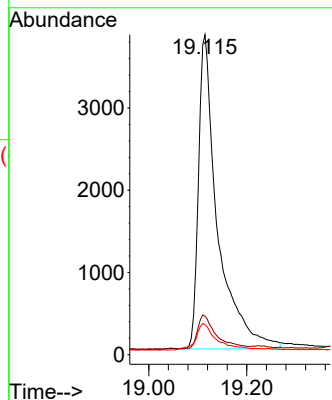
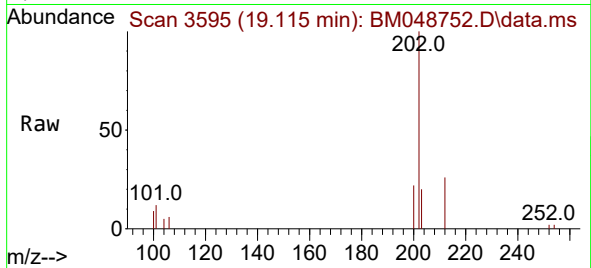




#19
Fluoranthene
Concen: 0.356 ng/ul
RT: 19.115 min Scan# 3595
Delta R.T. 0.014 min
Lab File: BM048752.D
Acq: 16 Nov 2024 21:17

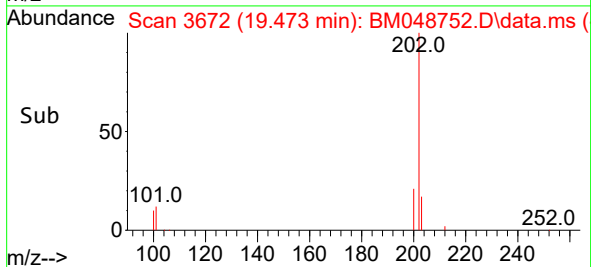
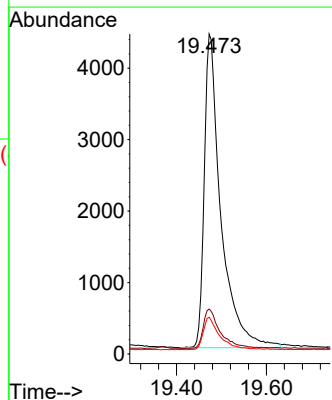
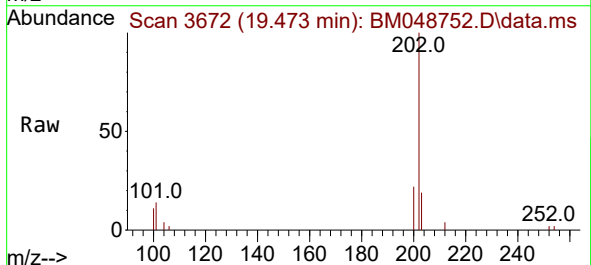
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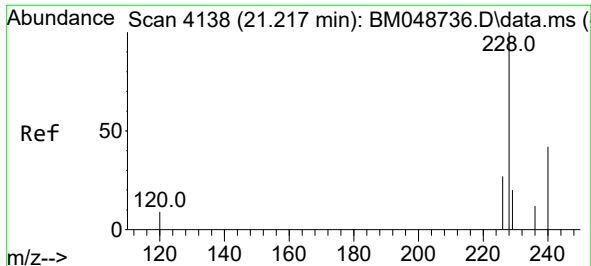
Tgt Ion:202 Resp: 10358
Ion Ratio Lower Upper
202 100
101 12.0 10.2 15.4
100 9.4 7.3 10.9



#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.473 min Scan# 3672
Delta R.T. 0.009 min
Lab File: BM048752.D
Acq: 16 Nov 2024 21:17

Tgt Ion:202 Resp: 11309
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.2
100 11.5 8.5 12.7

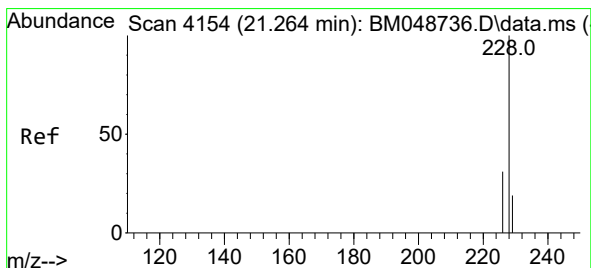
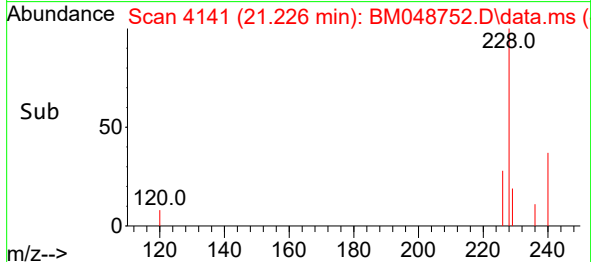
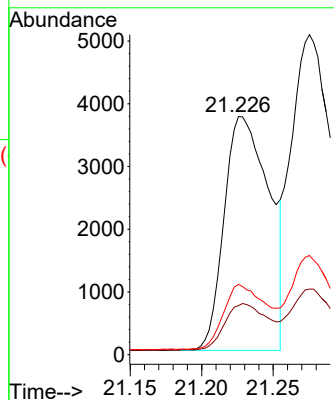
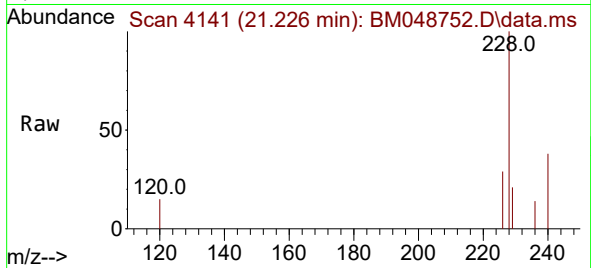




#21
Benzo(a)anthracene
Concen: 0.317 ng/ul
RT: 21.226 min Scan# 4138
Delta R.T. 0.009 min
Lab File: BM048752.D
Acq: 16 Nov 2024 21:17

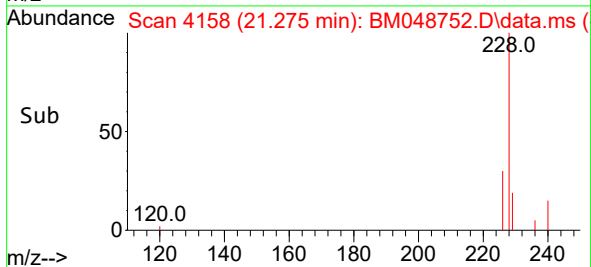
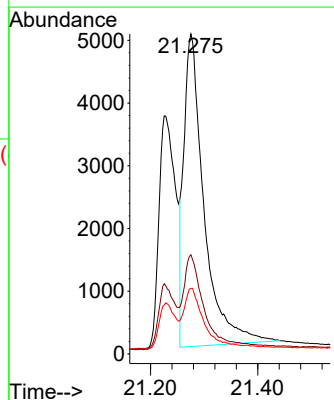
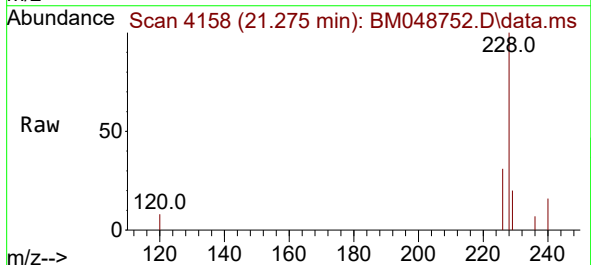
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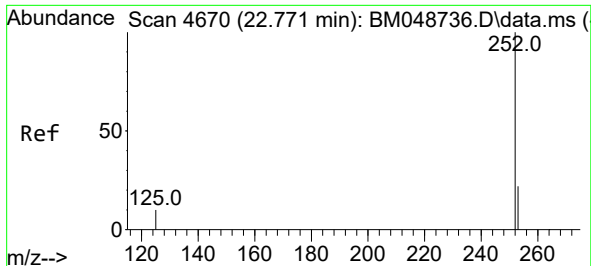
Tgt Ion:228 Resp: 8159
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 29.5 22.1 33.1



#22
Chrysene
Concen: 0.419 ng/ul
RT: 21.275 min Scan# 4158
Delta R.T. 0.012 min
Lab File: BM048752.D
Acq: 16 Nov 2024 21:17

Tgt Ion:228 Resp: 12952
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 20.5 16.5 24.7

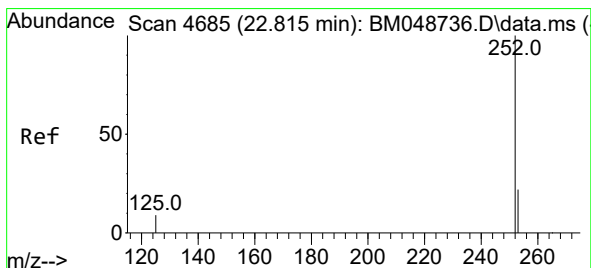
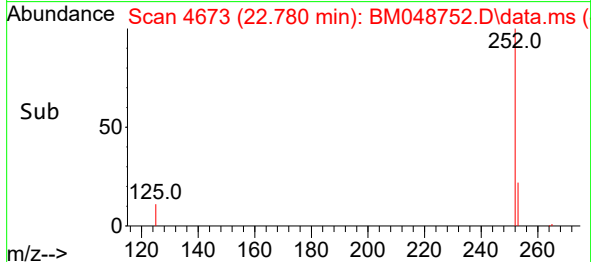
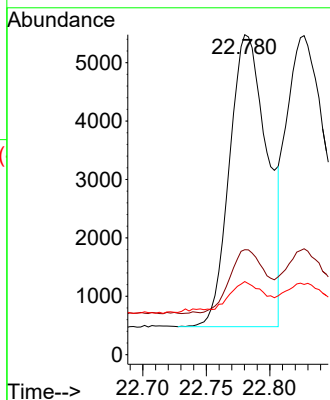
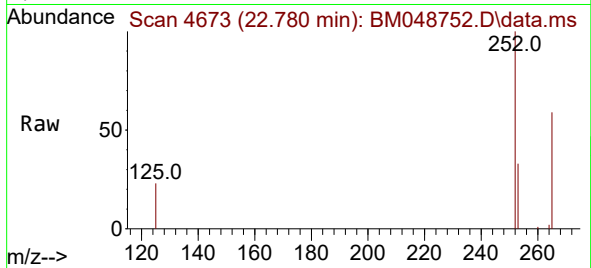




#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 22.780 min Scan# 4673
Delta R.T. 0.009 min
Lab File: BM048752.D
Acq: 16 Nov 2024 21:17

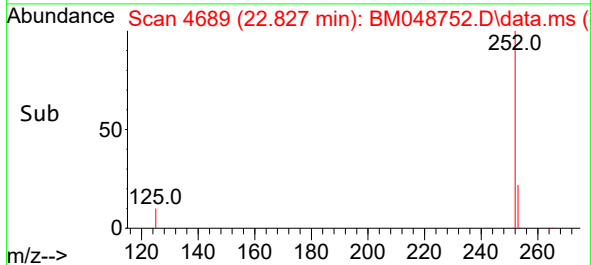
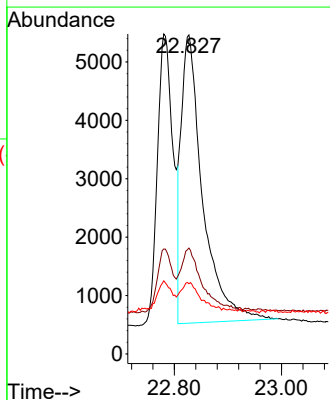
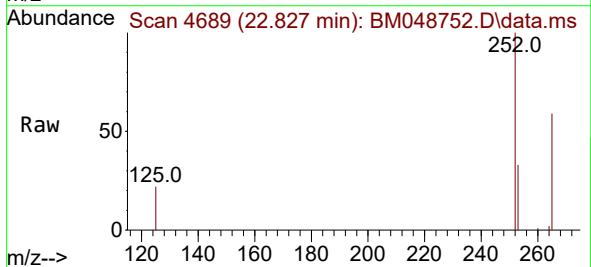
Instrument :
BNA_M
ClientSampleId :
SLCS979

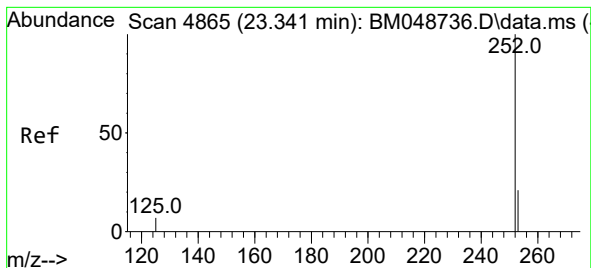
Tgt Ion:252 Resp: 10306
Ion Ratio Lower Upper
252 100
253 32.8 0.0 61.6
125 22.8 0.0 43.2



#25
Benzo(k)fluoranthene
Concen: 0.422 ng/ul
RT: 22.827 min Scan# 4689
Delta R.T. 0.012 min
Lab File: BM048752.D
Acq: 16 Nov 2024 21:17

Tgt Ion:252 Resp: 13670
Ion Ratio Lower Upper
252 100
253 33.2 25.0 37.4
125 22.0 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.403 ng/ul

RT: 23.356 min Scan# 4865

Delta R.T. 0.015 min

Lab File: BM048752.D

Acq: 16 Nov 2024 21:17

Instrument :

BNA_M

ClientSampleId :

SLCS979

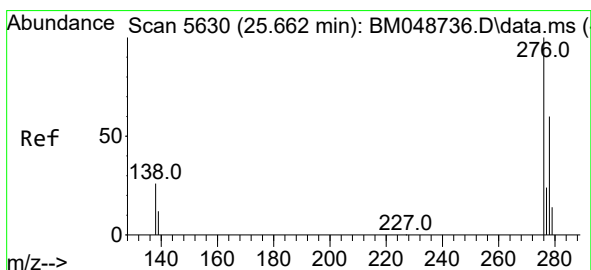
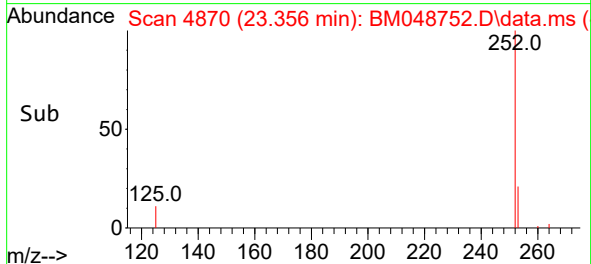
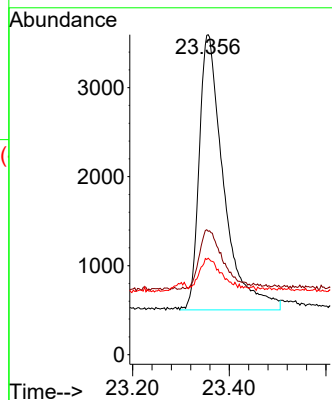
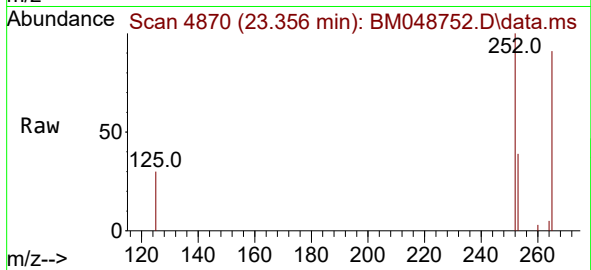
Tgt Ion:252 Resp: 10854

Ion Ratio Lower Upper

252 100

253 38.6 29.6 44.4

125 30.1 23.9 35.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.404 ng/ul

RT: 25.683 min Scan# 5636

Delta R.T. 0.020 min

Lab File: BM048752.D

Acq: 16 Nov 2024 21:17

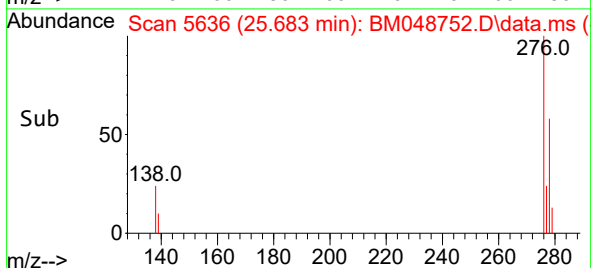
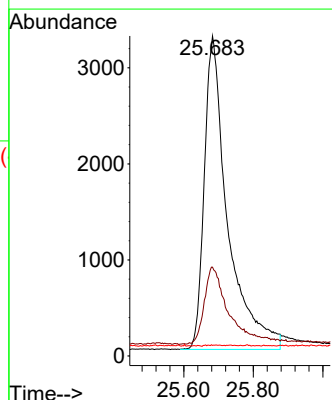
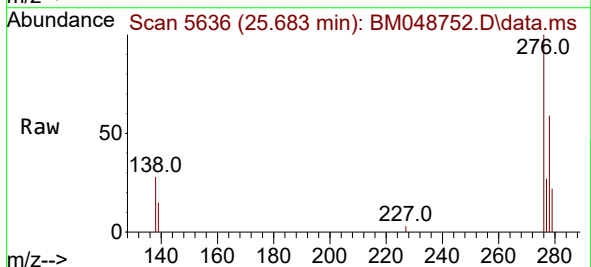
Tgt Ion:276 Resp: 15204

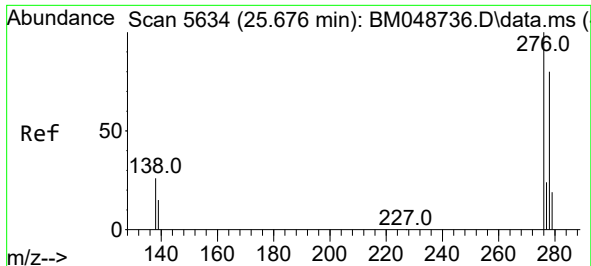
Ion Ratio Lower Upper

276 100

138 26.0 20.1 30.1

227 0.1 0.1 0.1#

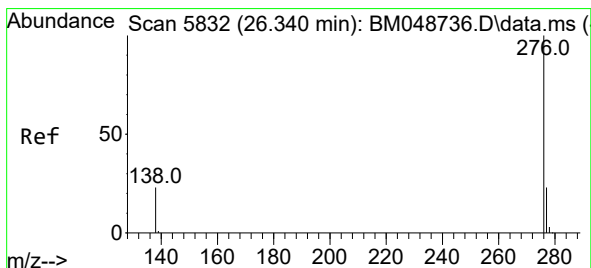
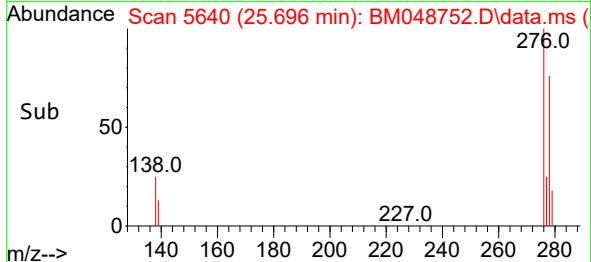
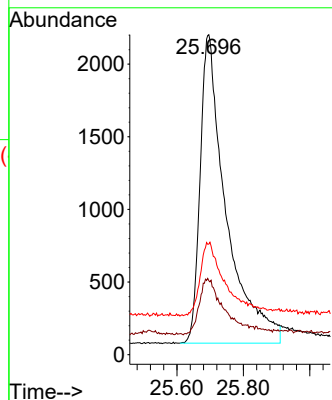
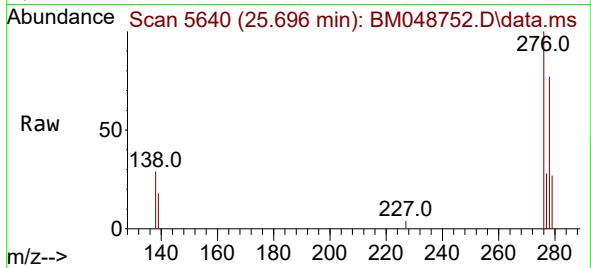




#28
Dibenzo(a,h)anthracene
Concen: 0.393 ng/ul
RT: 25.696 min Scan# 5640
Delta R.T. 0.020 min
Lab File: BM048752.D
Acq: 16 Nov 2024 21:17

Instrument :
BNA_M
ClientSampleId :
SLCS979

Tgt Ion:278 Resp: 11519
Ion Ratio Lower Upper
278 100
139 23.1 17.8 26.8
279 34.5 26.6 39.8



#29
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 26.357 min Scan# 5837
Delta R.T. 0.017 min
Lab File: BM048752.D
Acq: 16 Nov 2024 21:17

Tgt Ion:276 Resp: 13024
Ion Ratio Lower Upper
276 100
138 26.8 21.0 31.6
277 27.0 20.5 30.7

