

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032224\
 Data File : BM044725.D
 Acq On : 22 Mar 2024 07:21
 Operator : MA/JU
 Sample : P1813-08MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0LX7MS

Quant Time: Mar 22 07:51:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 10:51:03 2024
 Response via : Initial Calibration

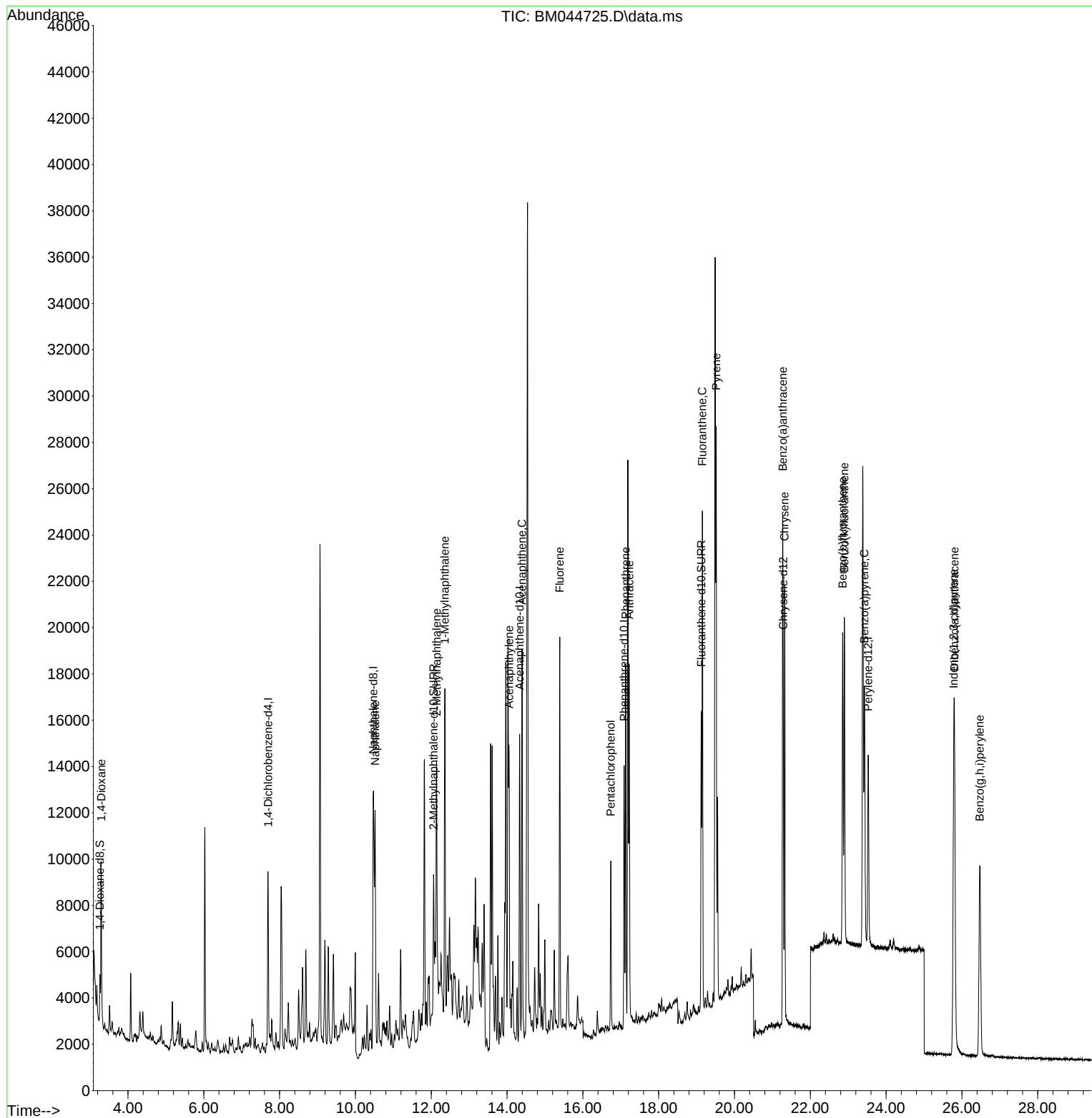
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.694	152	4086	0.400	ng/ul	0.00
4) Naphthalene-d8	10.468	136	13263	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.331	164	7771	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.086	188	12961	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.286	240	9764	0.400	ng/ul	#-0.02
23) Perylene-d12	23.525	264	11042	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	1270	0.237	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.063	152	7438	0.390	ng/ul	-0.02
18) Fluoranthene-d10	19.123	212	13772	0.402	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	4388	0.802	ng/ul#	57
5) Naphthalene	10.518	128	13648	0.366	ng/ul	97
7) 2-Methylnaphthalene	12.140	142	8388	0.355	ng/ul	87
8) 1-Methylnaphthalene	12.360	142	8730	0.366	ng/ul	96
10) Acenaphthylene	14.053	152	14195	0.360	ng/ul#	95
11) Acenaphthene	14.396	153	9736	0.341	ng/ul	98
12) Fluorene	15.390	166	10627	0.326	ng/ul	99
14) Pentachlorophenol	16.736	266	4922	1.574	ng/ul	98
15) Phenanthrene	17.128	178	16583	0.426	ng/ul	94
16) Anthracene	17.221	178	17496	0.479	ng/ul	95
19) Fluoranthene	19.151	202	18294	0.383	ng/ul#	90
20) Pyrene	19.518	202	19025	0.388	ng/ul	95
21) Benzo(a)anthracene	21.271	228	17172	0.462	ng/ul	96
22) Chrysene	21.321	228	16929	0.406	ng/ul	96
24) Benzo(b)fluoranthene	22.852	252	17145	0.407	ng/ul	87
25) Benzo(k)fluoranthene	22.899	252	18274	0.400	ng/ul#	89
26) Benzo(a)pyrene	23.428	252	15880	0.415	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.782	276	20960	0.476	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.802	278	16779	0.494	ng/ul	97
29) Benzo(g,h,i)perylene	26.470	276	17337	0.449	ng/ul	96

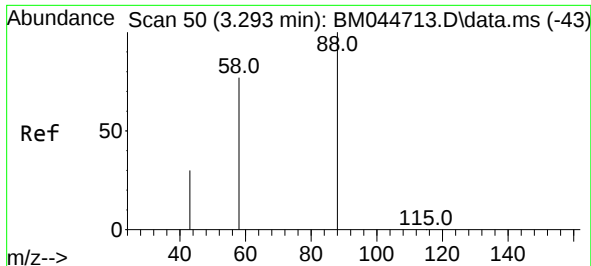
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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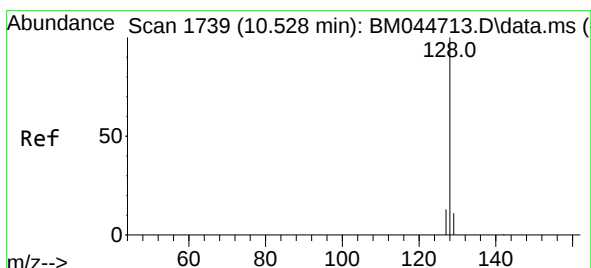
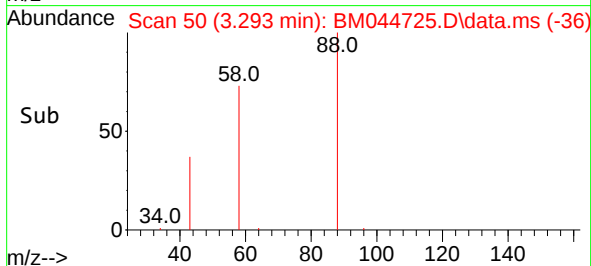
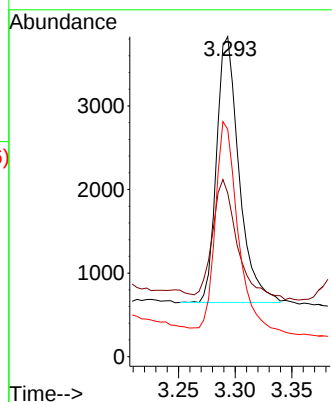
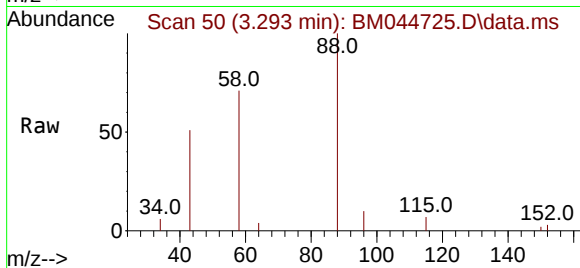




#2
1,4-Dioxane
Concen: 0.802 ng/ul
RT: 3.293 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM044725.D
Acq: 22 Mar 2024 07:21

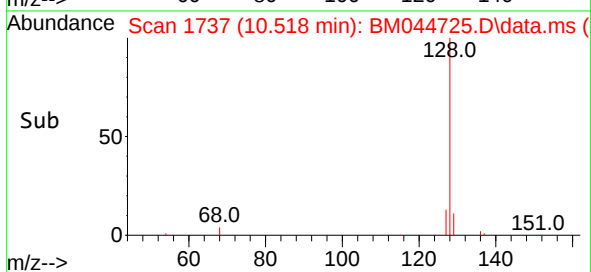
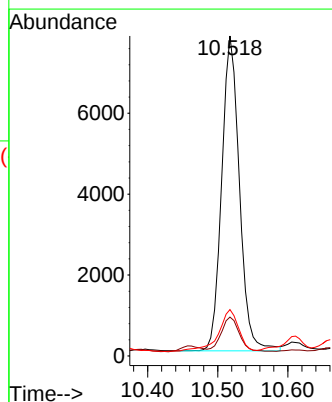
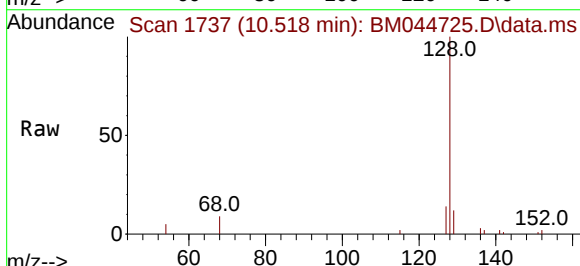
Instrument :
BNA_M
ClientSampleId :
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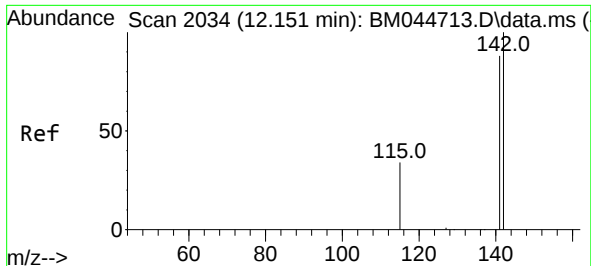
Tgt Ion: 88 Resp: 4388
Ion Ratio Lower Upper
88 100
43 51.1 21.4 32.0#
58 71.1 35.6 53.4#



#5
Naphthalene
Concen: 0.366 ng/ul
RT: 10.518 min Scan# 1737
Delta R.T. -0.011 min
Lab File: BM044725.D
Acq: 22 Mar 2024 07:21

Tgt Ion: 128 Resp: 13648
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 14.5 10.3 15.5

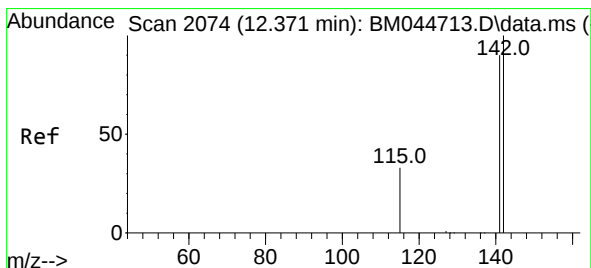
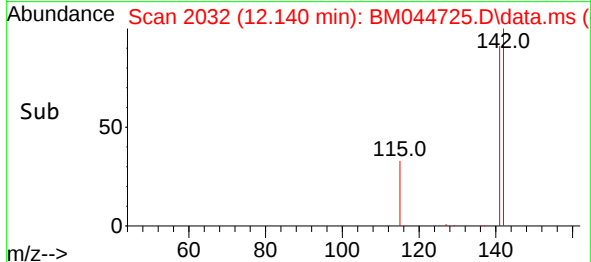
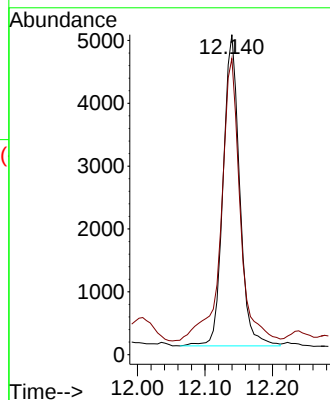
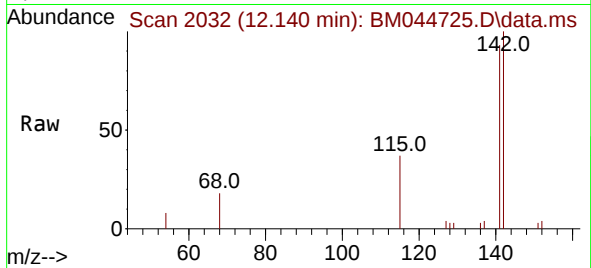




#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.140 min Scan# 2032
Delta R.T. -0.016 min
Lab File: BM044725.D
Acq: 22 Mar 2024 07:21

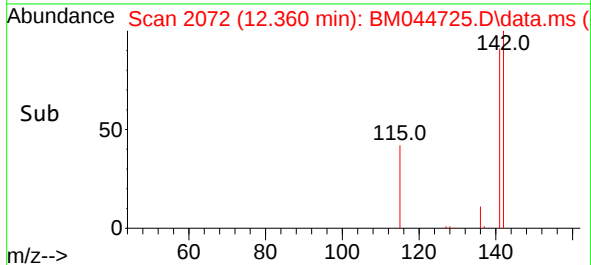
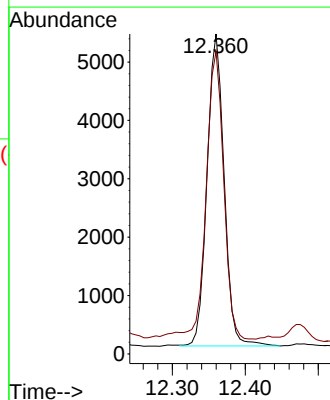
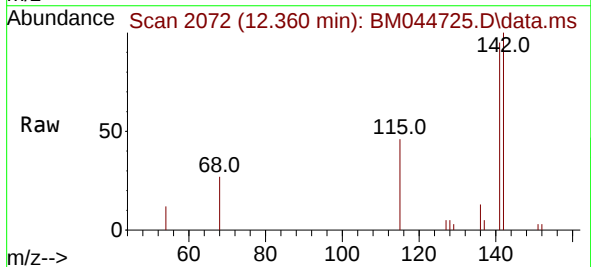
Instrument :
BNA_M
ClientSampleId :
E0LX7MS

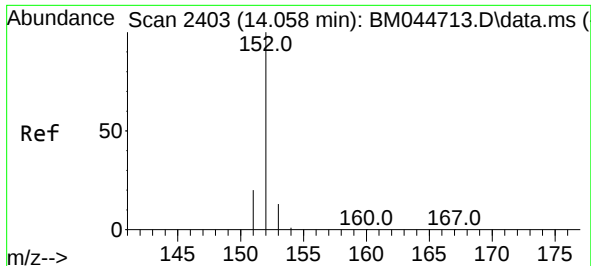
Tgt Ion:142 Resp: 8388
Ion Ratio Lower Upper
142 100
141 102.4 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. -0.011 min
Lab File: BM044725.D
Acq: 22 Mar 2024 07:21

Tgt Ion:142 Resp: 8730
Ion Ratio Lower Upper
142 100
141 95.6 73.1 109.7

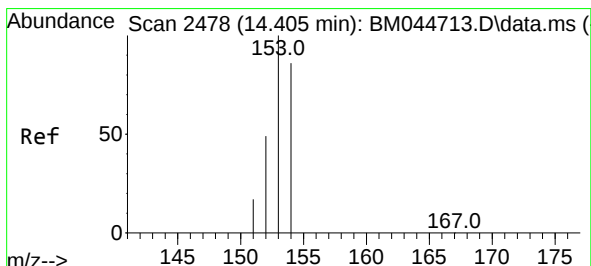
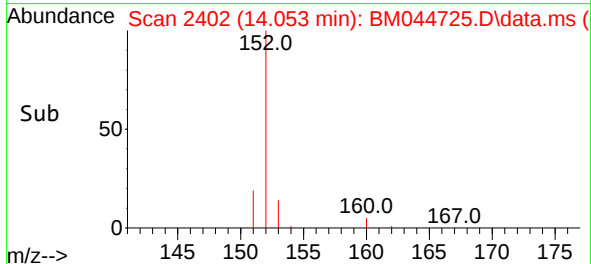
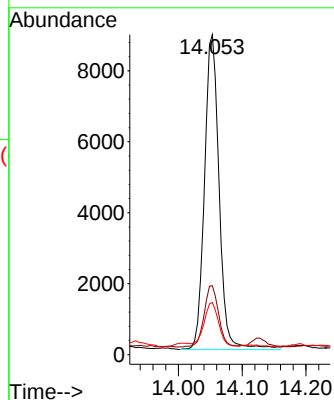
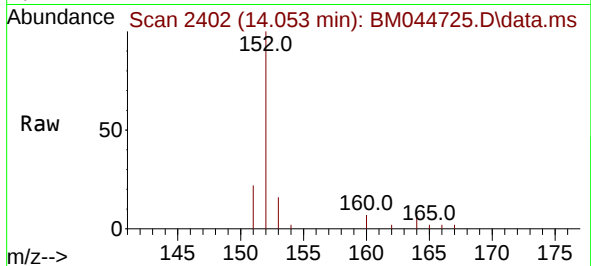




#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.013 min
Lab File: BM044725.D
Acq: 22 Mar 2024 07:21

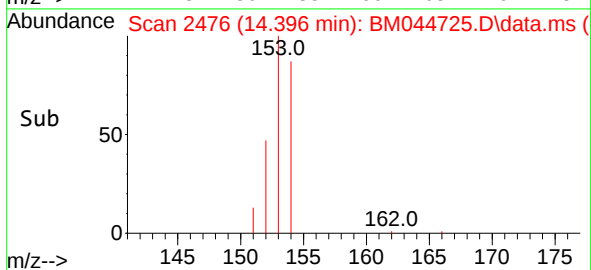
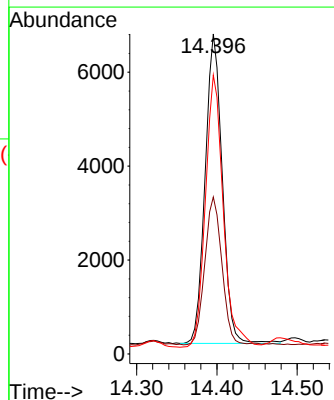
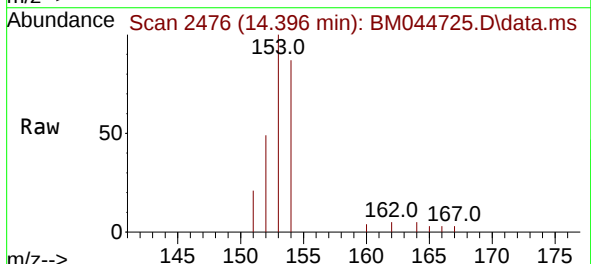
Instrument :
BNA_M
ClientSampleId :
E0LX7MS

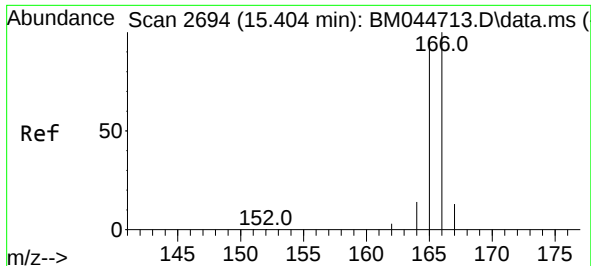
Tgt Ion:152 Resp: 14195
Ion Ratio Lower Upper
152 100
151 21.5 15.8 23.8
153 16.3 10.8 16.2#



#11
Acenaphthene
Concen: 0.341 ng/ul
RT: 14.396 min Scan# 2476
Delta R.T. -0.013 min
Lab File: BM044725.D
Acq: 22 Mar 2024 07:21

Tgt Ion:153 Resp: 9736
Ion Ratio Lower Upper
153 100
152 49.1 40.7 61.1
154 87.1 70.6 106.0

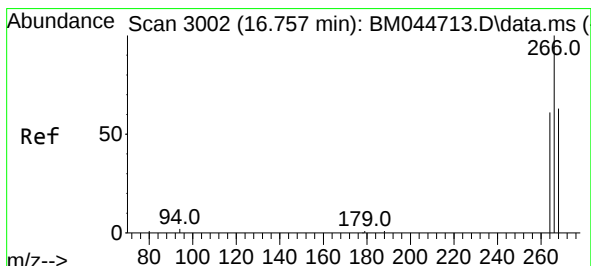
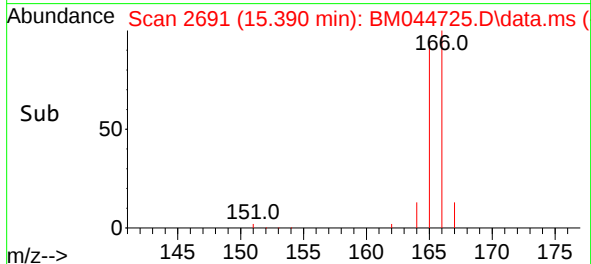
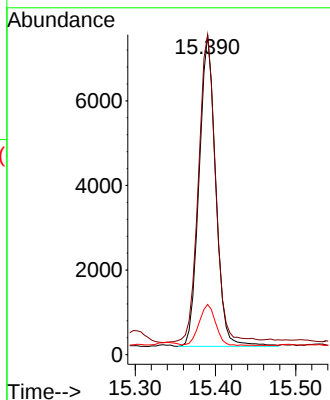
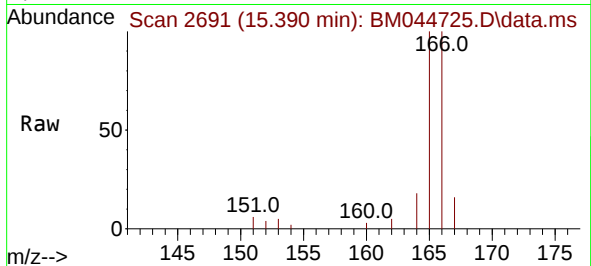




#12
 Fluorene
 Concen: 0.326 ng/ul
 RT: 15.390 min Scan# 2097
 Delta R.T. -0.018 min
 Lab File: BM044725.D
 Acq: 22 Mar 2024 07:21

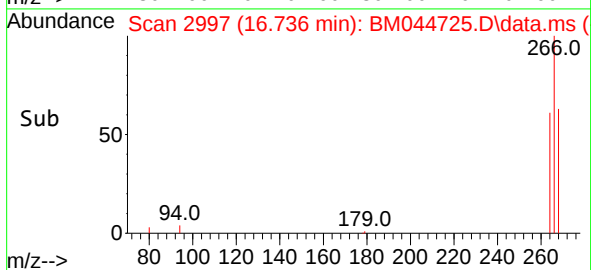
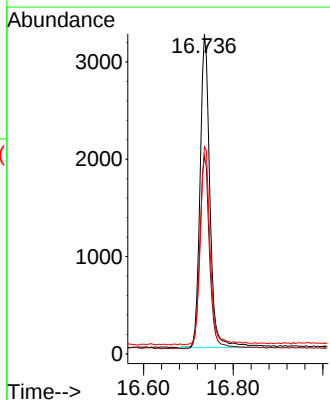
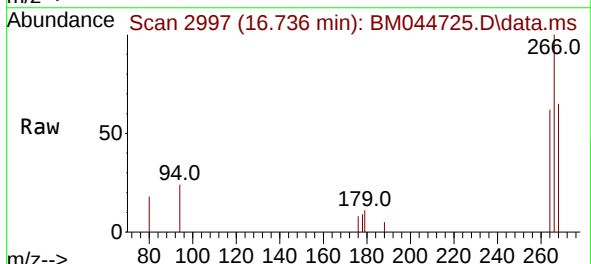
Instrument :
 BNA_M
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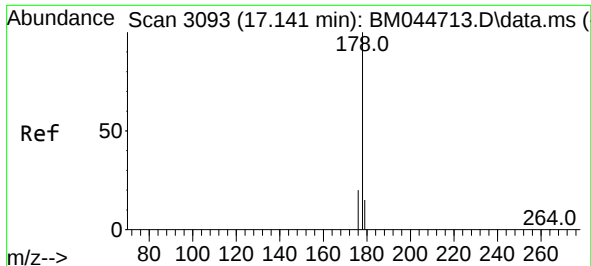
Tgt Ion:166 Resp: 10627
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.4 119.0
 167 15.7 11.0 16.6



#14
 Pentachlorophenol
 Concen: 1.574 ng/ul
 RT: 16.736 min Scan# 2997
 Delta R.T. -0.029 min
 Lab File: BM044725.D
 Acq: 22 Mar 2024 07:21

Tgt Ion:266 Resp: 4922
 Ion Ratio Lower Upper
 266 100
 264 61.6 49.5 74.3
 268 63.3 48.1 72.1



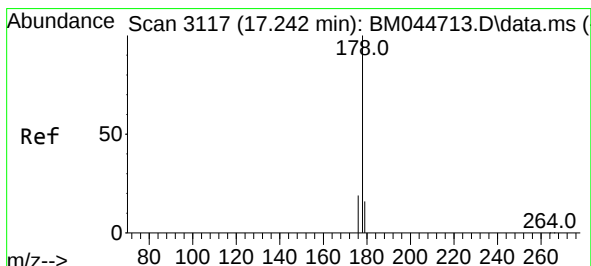
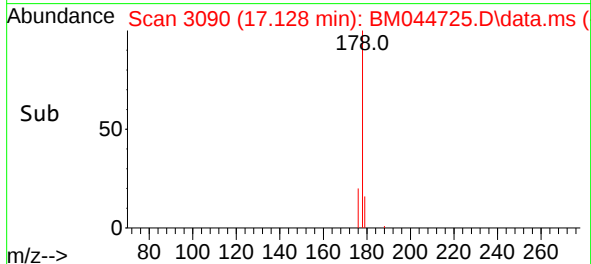
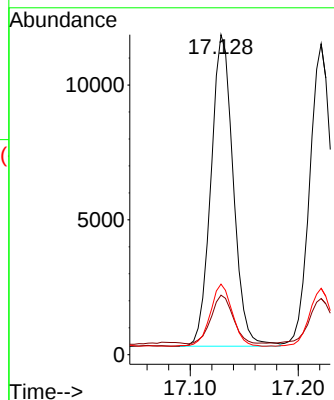
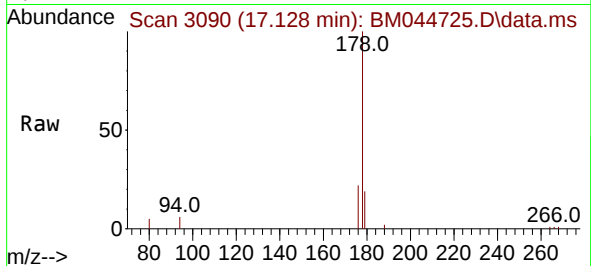


#15
Phenanthrene
Concen: 0.426 ng/ul
RT: 17.128 min Scan# 3090
Delta R.T. -0.016 min
Lab File: BM044725.D
Acq: 22 Mar 2024 07:21

Instrument :
BNA_M
ClientSampleId :
EOLX7MS

Tgt Ion:178 Resp: 16583

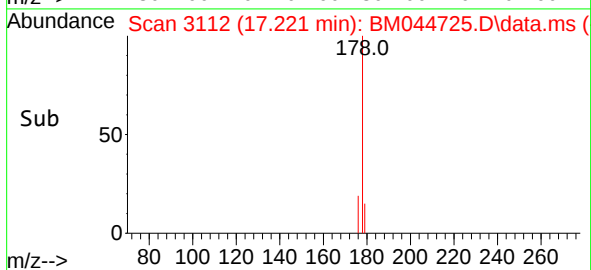
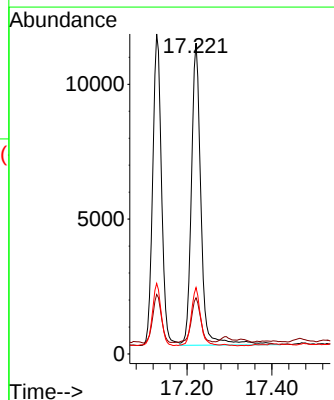
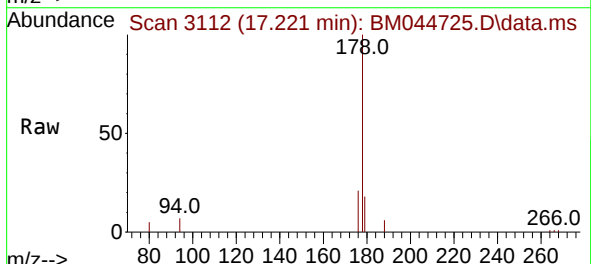
Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.5	18.7
176	22.1	15.8	23.8

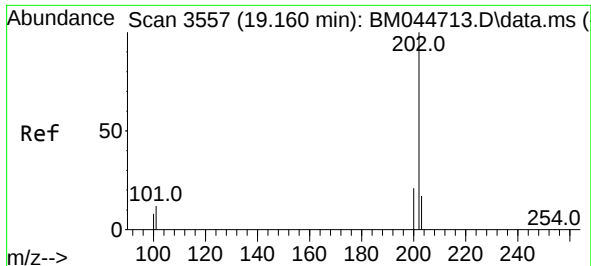


#16
Anthracene
Concen: 0.479 ng/ul
RT: 17.221 min Scan# 3112
Delta R.T. -0.020 min
Lab File: BM044725.D
Acq: 22 Mar 2024 07:21

Tgt Ion:178 Resp: 17496

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.8	19.2
176	21.4	15.2	22.8





#19

Fluoranthene

Concen: 0.383 ng/u1

RT: 19.151 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM044725.D

Acq: 22 Mar 2024 07:21

Instrument :

BNA_M

ClientSampleId :

E0LX7MS

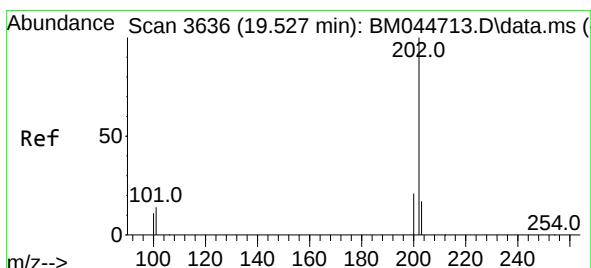
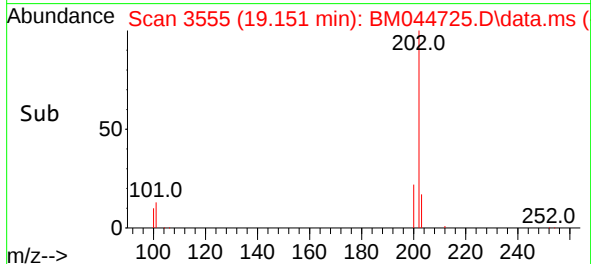
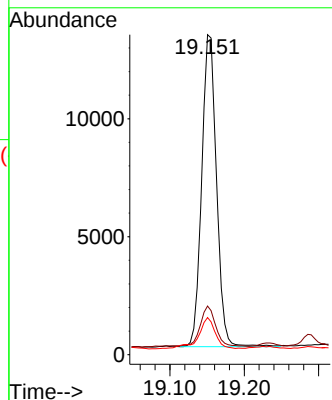
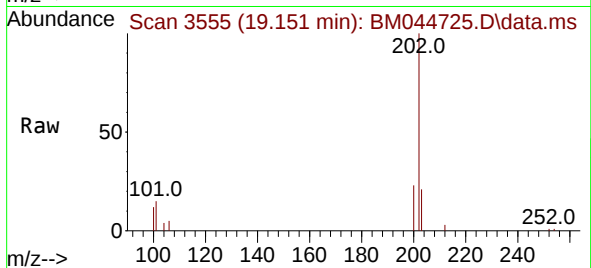
Tgt Ion:202 Resp: 18294

Ion Ratio Lower Upper

202 100

101 15.2 9.0 13.4#

100 11.6 6.8 10.2#



#20

Pyrene

Concen: 0.388 ng/u1

RT: 19.518 min Scan# 3634

Delta R.T. -0.013 min

Lab File: BM044725.D

Acq: 22 Mar 2024 07:21

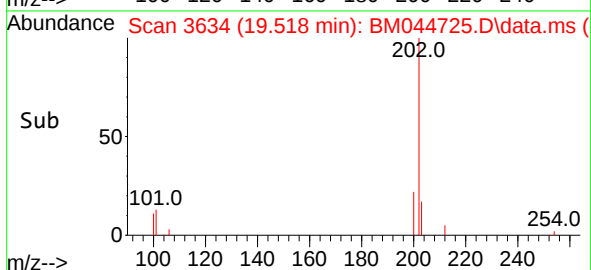
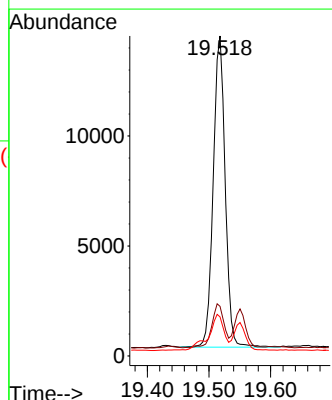
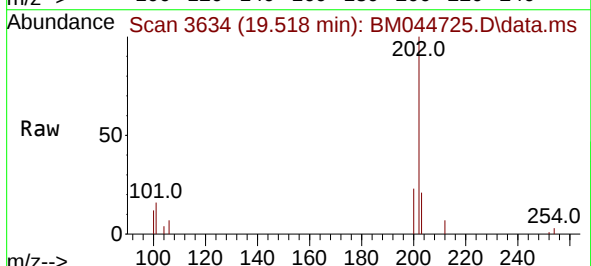
Tgt Ion:202 Resp: 19025

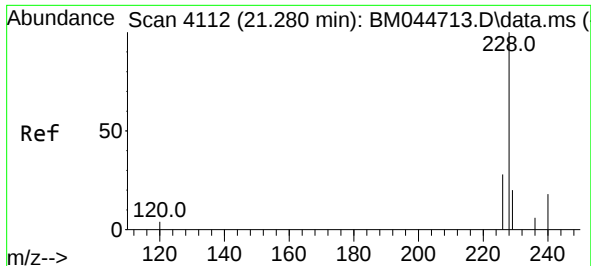
Ion Ratio Lower Upper

202 100

101 15.5 10.8 16.2

100 12.2 8.4 12.6

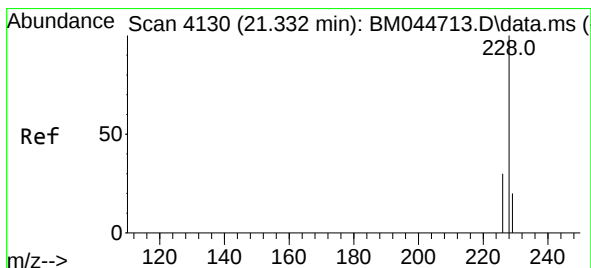
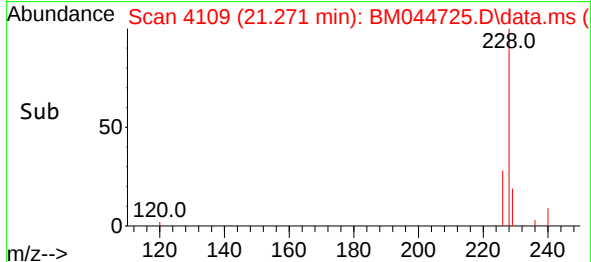
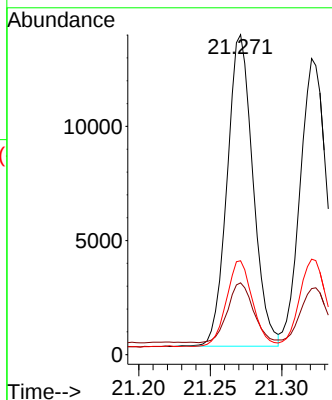
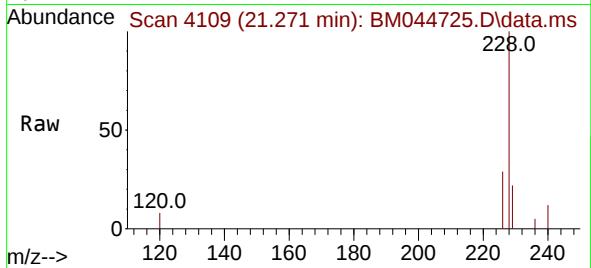




#21
Benzo(a)anthracene
Concen: 0.462 ng/ul
RT: 21.271 min Scan# 4112
Delta R.T. -0.015 min
Lab File: BM044725.D
Acq: 22 Mar 2024 07:21

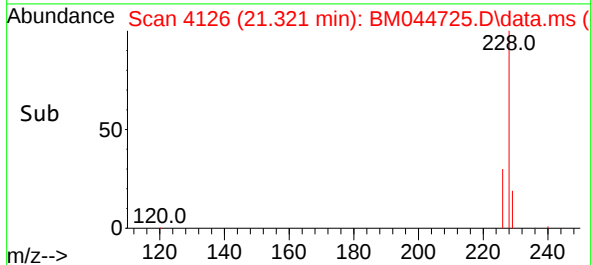
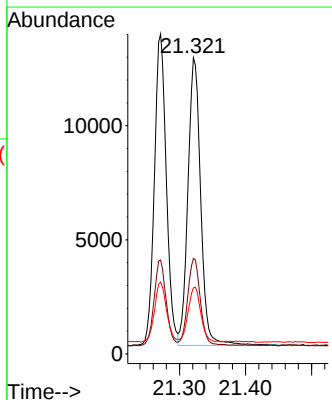
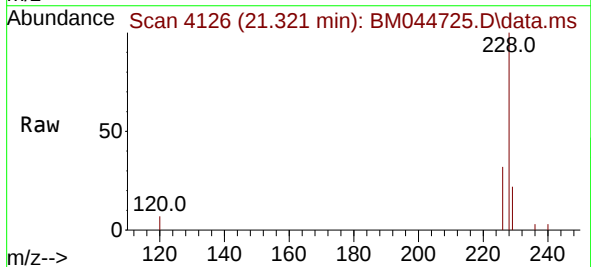
Instrument :
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ClientSampleId :
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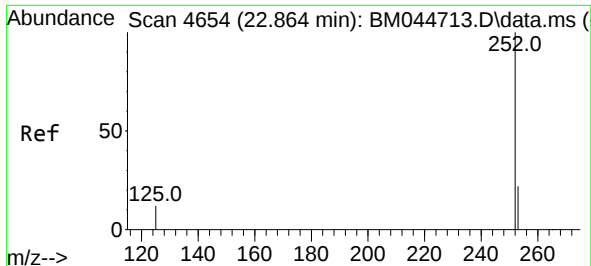
Tgt Ion:228 Resp: 17172
Ion Ratio Lower Upper
228 100
229 22.4 15.9 23.9
226 29.3 22.2 33.2



#22
Chrysene
Concen: 0.406 ng/ul
RT: 21.321 min Scan# 4126
Delta R.T. -0.015 min
Lab File: BM044725.D
Acq: 22 Mar 2024 07:21

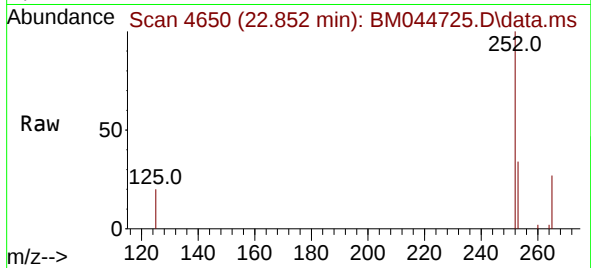
Tgt Ion:228 Resp: 16929
Ion Ratio Lower Upper
228 100
226 32.3 24.6 37.0
229 22.3 15.7 23.5



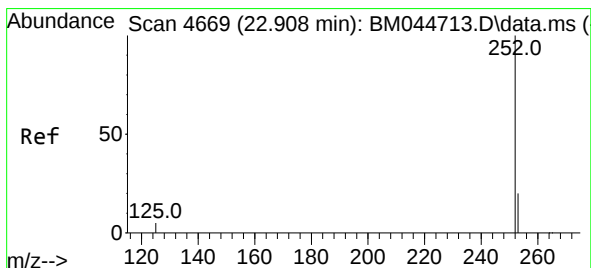
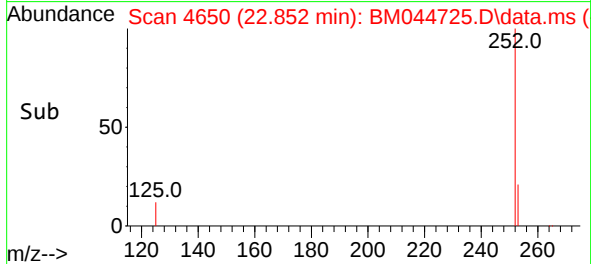
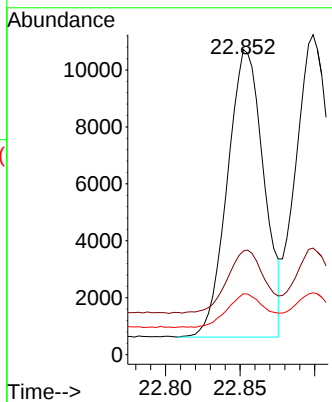


#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 22.852 min Scan# 4650
Delta R.T. -0.021 min
Lab File: BM044725.D
Acq: 22 Mar 2024 07:21

Instrument :
BNA_M
ClientSampleId :
E0LX7MS

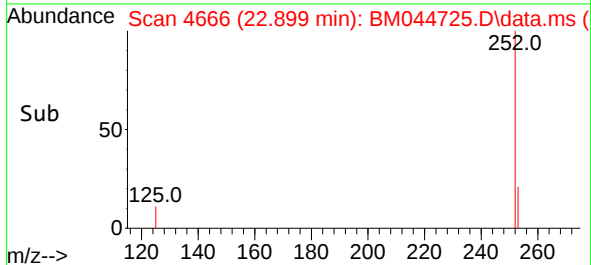
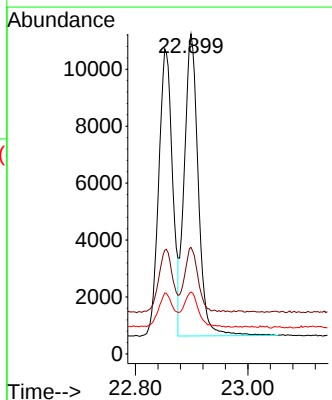
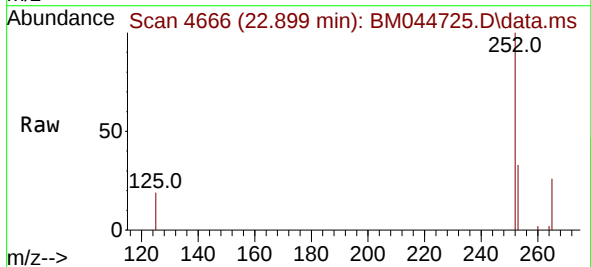


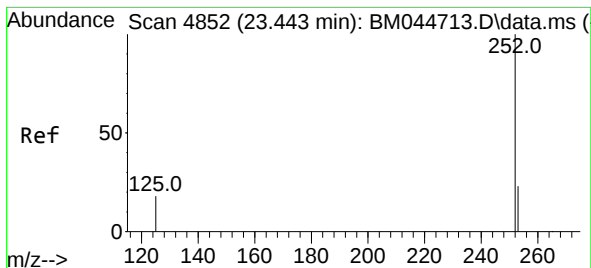
Tgt Ion:252 Resp: 17145
Ion Ratio Lower Upper
252 100
253 34.0 0.0 54.6
125 20.0 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.400 ng/ul
RT: 22.899 min Scan# 4666
Delta R.T. -0.018 min
Lab File: BM044725.D
Acq: 22 Mar 2024 07:21

Tgt Ion:252 Resp: 18274
Ion Ratio Lower Upper
252 100
253 33.3 22.6 33.8
125 19.4 11.4 17.2#





#26

Benzo(a)pyrene

Concen: 0.415 ng/ul

RT: 23.428 min Scan# 4847

Delta R.T. -0.024 min

Lab File: BM044725.D

Acq: 22 Mar 2024 07:21

Instrument :

BNA_M

ClientSampleId :

E0LX7MS

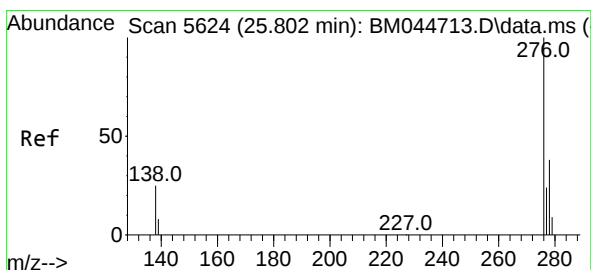
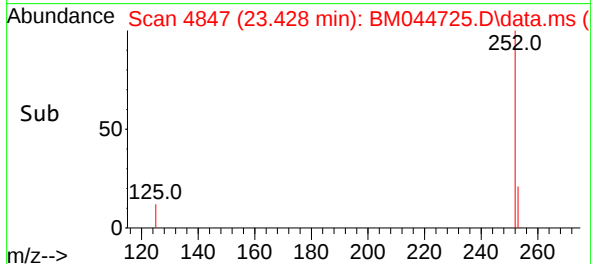
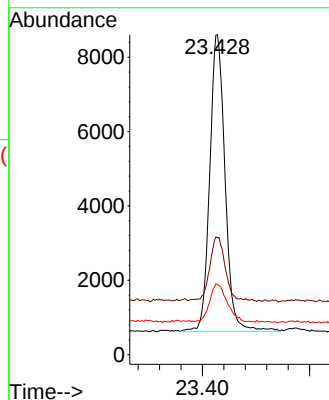
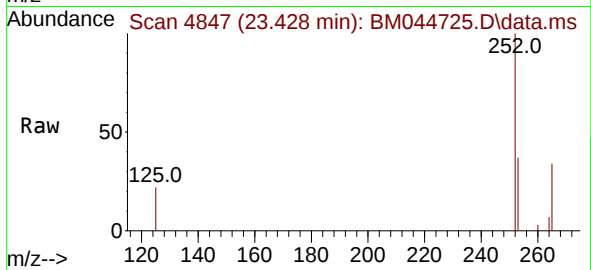
Tgt Ion:252 Resp: 15880

Ion Ratio Lower Upper

252 100

253 36.6 25.2 37.8

125 22.0 14.2 21.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.476 ng/ul

RT: 25.782 min Scan# 5618

Delta R.T. -0.038 min

Lab File: BM044725.D

Acq: 22 Mar 2024 07:21

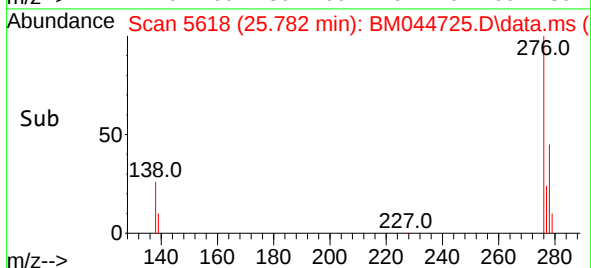
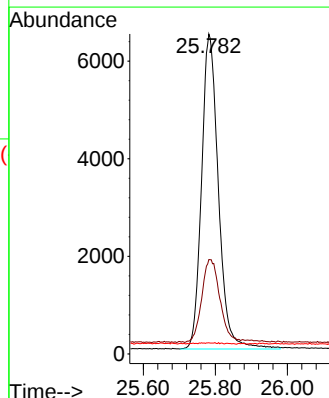
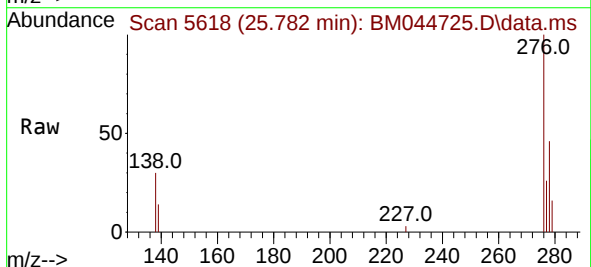
Tgt Ion:276 Resp: 20960

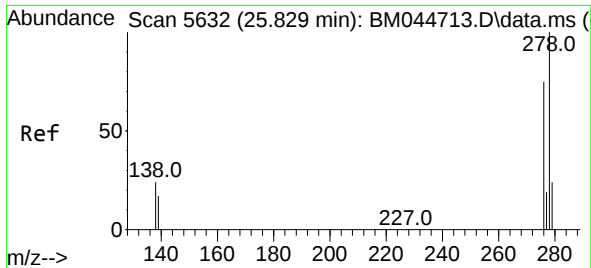
Ion Ratio Lower Upper

276 100

138 29.0 21.9 32.9

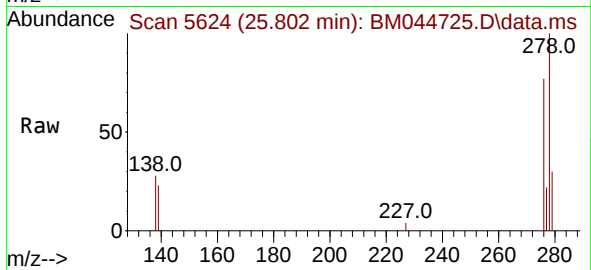
227 0.2 0.0 0.0#



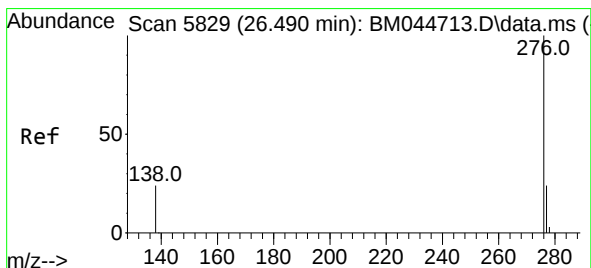
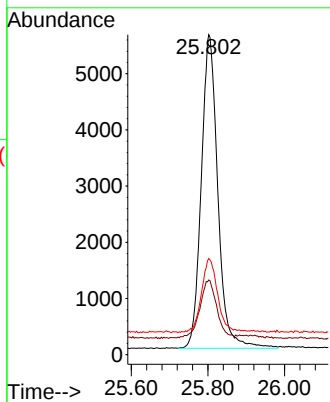
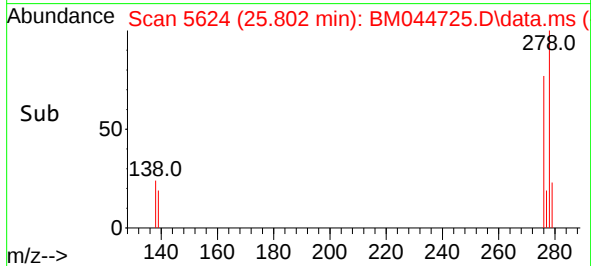


#28
Dibenzo(a,h)anthracene
Concen: 0.494 ng/ul
RT: 25.802 min Scan# 5624
Delta R.T. -0.041 min
Lab File: BM044725.D
Acq: 22 Mar 2024 07:21

Instrument :
BNA_M
ClientSampleId :
E0LX7MS



Tgt Ion:278 Resp: 16779
Ion Ratio Lower Upper
278 100
139 23.4 15.9 23.9
279 30.0 24.1 36.1



#29
Benzo(g,h,i)perylene
Concen: 0.449 ng/ul
RT: 26.470 min Scan# 5823
Delta R.T. -0.038 min
Lab File: BM044725.D
Acq: 22 Mar 2024 07:21

Tgt Ion:276 Resp: 17337
Ion Ratio Lower Upper
276 100
138 28.1 20.1 30.1
277 25.9 19.6 29.4

