

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040292.D
 Acq On : 16 Jun 2023 22:05
 Operator : MA/JU
 Sample : 03080-05DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH4DL

Quant Time: Jun 16 23:41:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

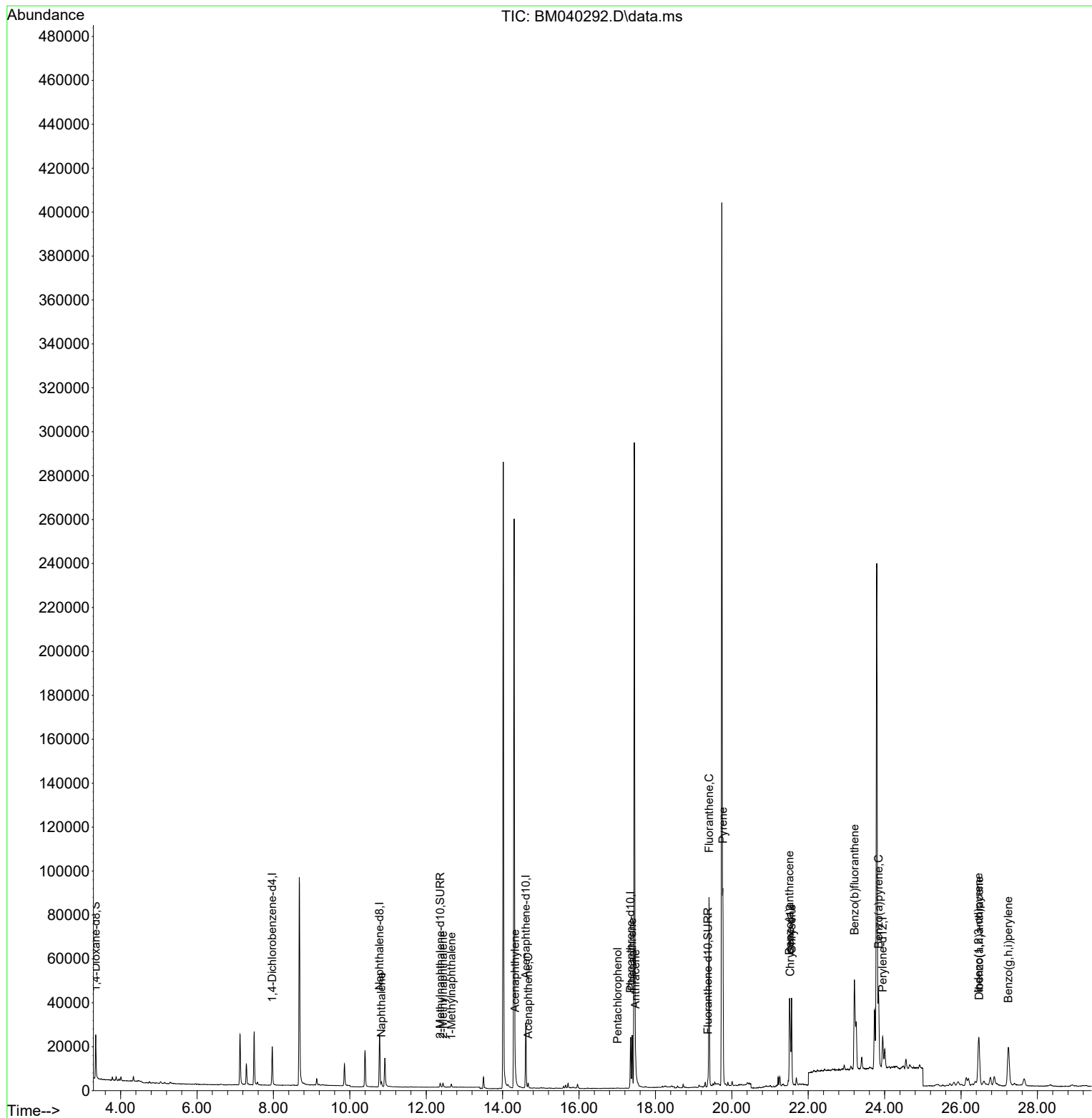
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	9251	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	33060	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	16200	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	27068	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	18206	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	19900	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	12537	1.097	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	2722	0.065	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	3706	0.082	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	2694	0.034	ng/ul#	86
7) 2-Methylnaphthalene	12.439	142	1468	0.030	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	1059	0.021	ng/ul	99
10) Acenaphthylene	14.327	152	3828	0.068	ng/ul#	89
11) Acenaphthene	14.670	153	1280	0.026	ng/ul	96
14) Pentachlorophenol	17.007	266	129	0.023	ng/ul	90
15) Phenanthrene	17.391	178	25597	0.360	ng/ul	99
16) Anthracene	17.480	178	4473	0.074	ng/ul#	92
19) Fluoranthene	19.403	202	71673	1.156	ng/ul	98
20) Pyrene	19.765	202	67643	1.050	ng/ul	100
21) Benzo(a)anthracene	21.509	228	31927	0.594	ng/ul	96
22) Chrysene	21.564	228	42231	0.744	ng/ul	97
24) Benzo(b)fluoranthene	23.210	252	66988	0.913	ng/ul	98
26) Benzo(a)pyrene	23.842	252	45090	0.749	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.461	276	39332	0.516	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.477	278	9798	0.160	ng/ul#	76
29) Benzo(g,h,i)perylene	27.239	276	41455	0.651	ng/ul	97

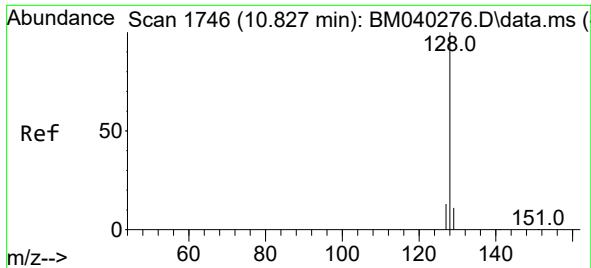
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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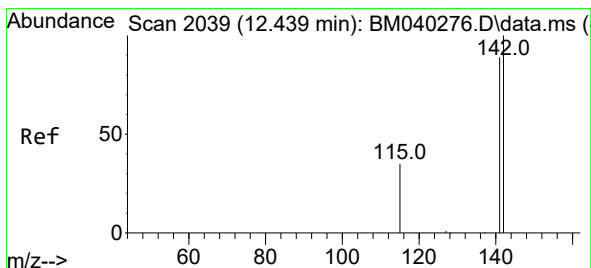
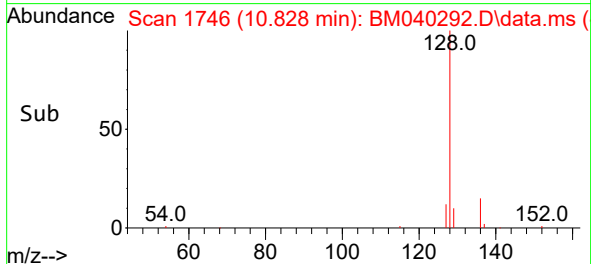
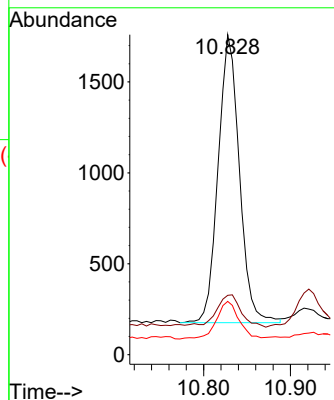
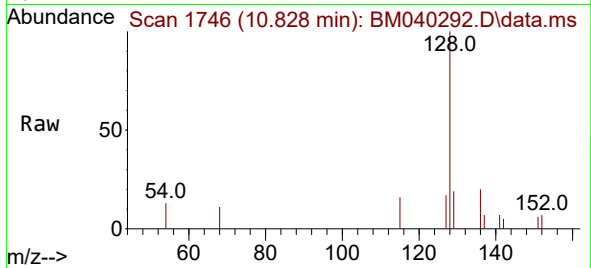




#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.828 min Scan# 1746
Delta R.T. -0.005 min
Lab File: BM040292.D
Acq: 16 Jun 2023 22:05

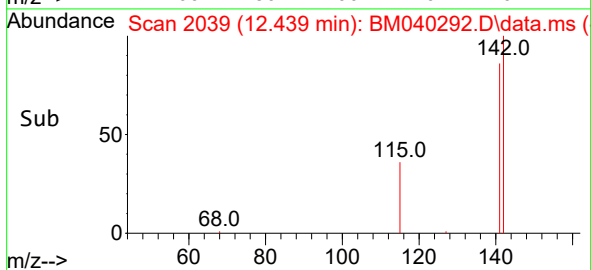
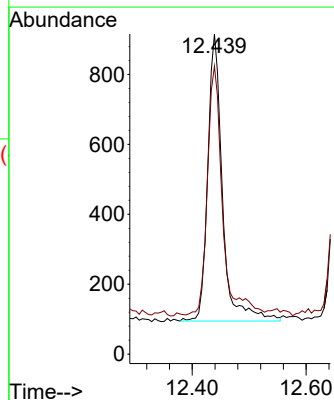
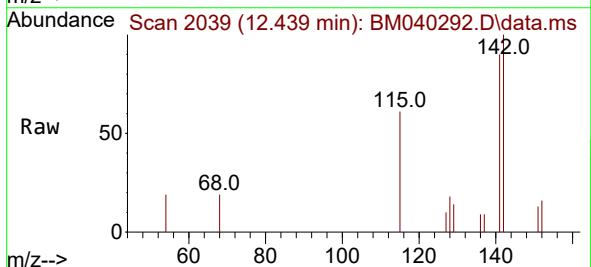
Instrument :
BNA_M
ClientSampleId :
DCFH4DL

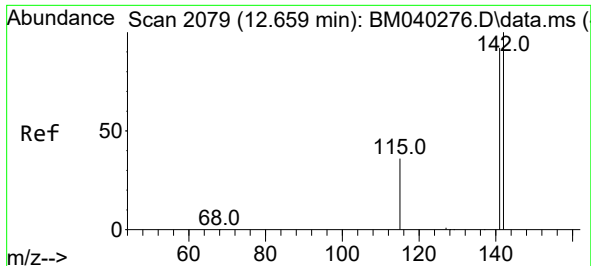
Tgt Ion:128 Resp: 2694
Ion Ratio Lower Upper
128 100
129 18.5 9.1 13.7#
127 16.6 10.4 15.6#



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040292.D
Acq: 16 Jun 2023 22:05

Tgt Ion:142 Resp: 1468
Ion Ratio Lower Upper
142 100
141 88.1 70.6 106.0

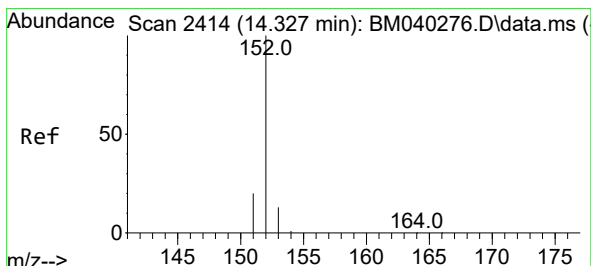
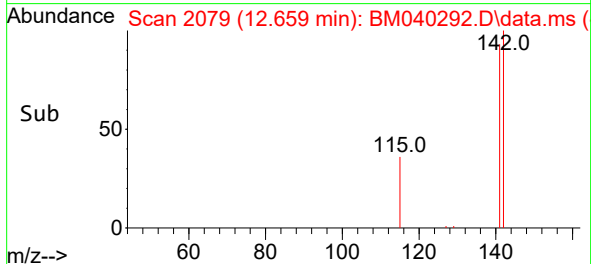
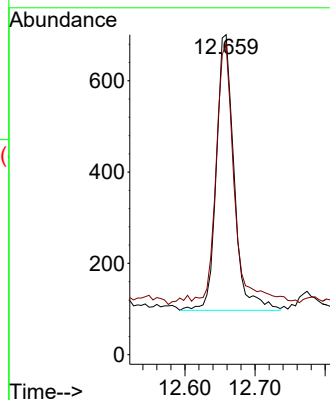
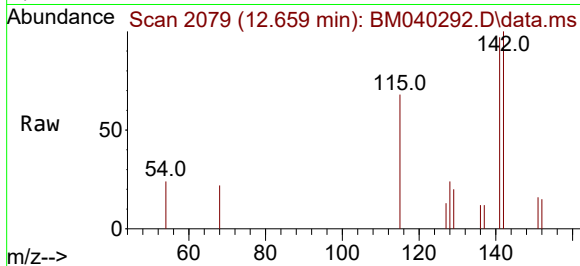




#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BM040292.D
Acq: 16 Jun 2023 22:05

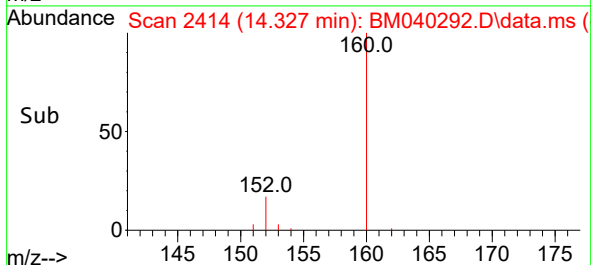
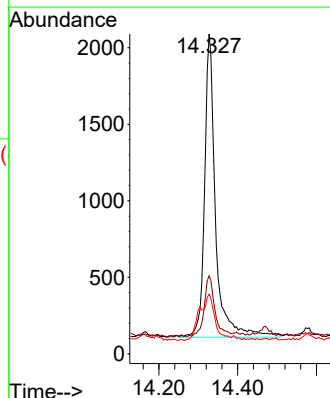
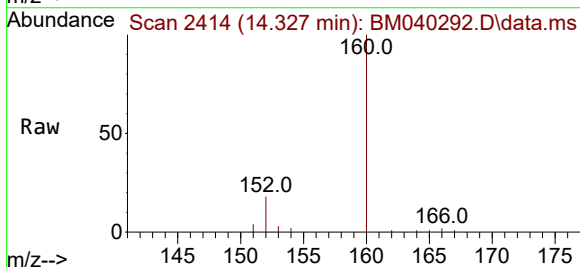
Instrument :
BNA_M
ClientSampleId :
DCFH4DL

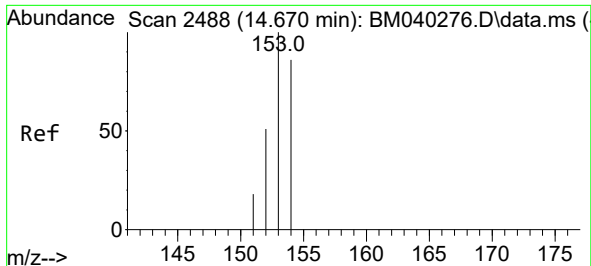
Tgt Ion:142 Resp: 1059
Ion Ratio Lower Upper
142 100
141 90.0 73.0 109.4



#10
Acenaphthylene
Concen: 0.068 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040292.D
Acq: 16 Jun 2023 22:05

Tgt Ion:152 Resp: 3828
Ion Ratio Lower Upper
152 100
151 24.4 16.3 24.5
153 18.7 10.7 16.1#

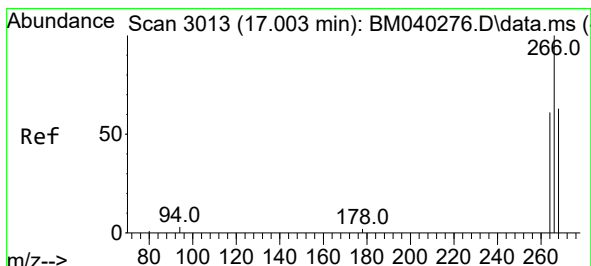
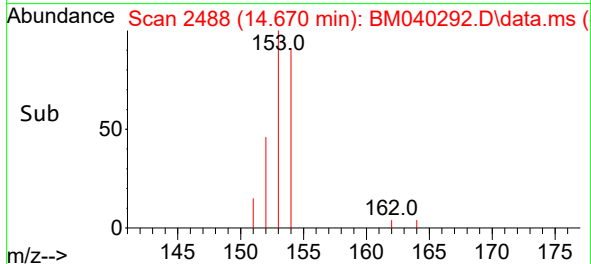
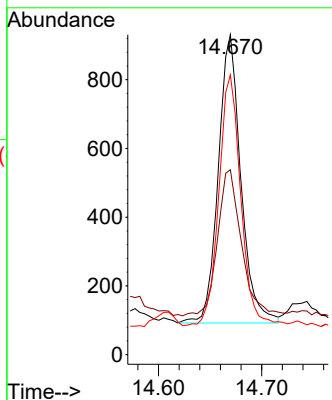
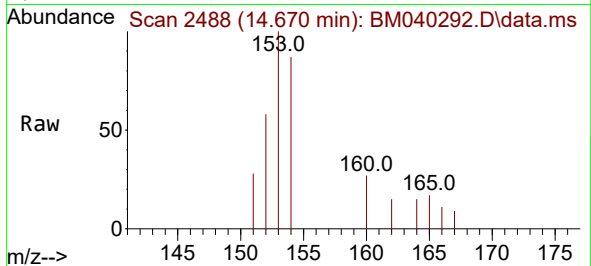




#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040292.D
Acq: 16 Jun 2023 22:05

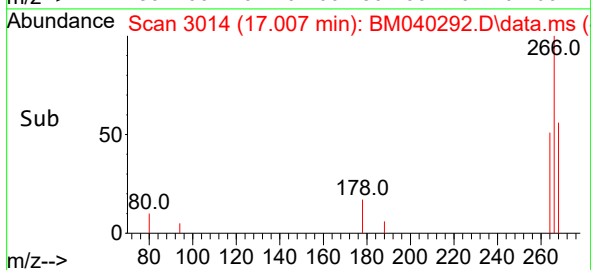
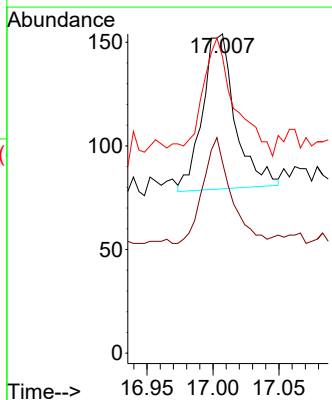
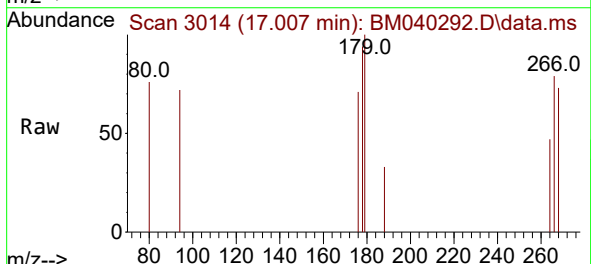
Instrument :
BNA_M
ClientSampleId :
DCFH4DL

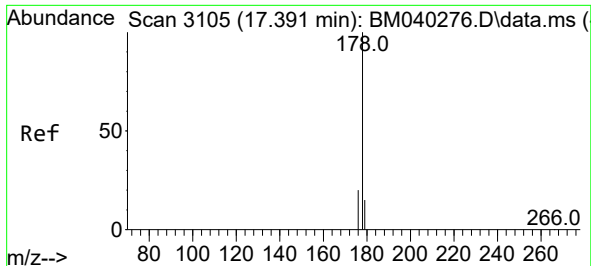
Tgt Ion:153 Resp: 1280
Ion Ratio Lower Upper
153 100
152 57.8 40.3 60.5
154 87.4 70.5 105.7



#14
Pentachlorophenol
Concen: 0.023 ng/ul
RT: 17.007 min Scan# 3014
Delta R.T. 0.000 min
Lab File: BM040292.D
Acq: 16 Jun 2023 22:05

Tgt Ion:266 Resp: 129
Ion Ratio Lower Upper
266 100
264 58.1 49.4 74.0
268 76.0 51.3 76.9

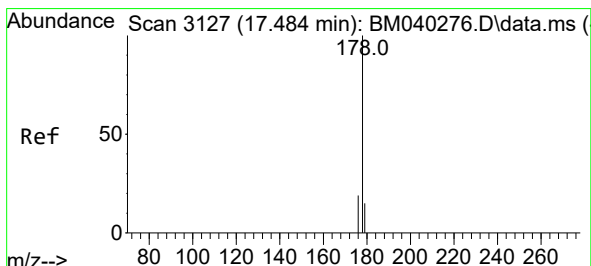
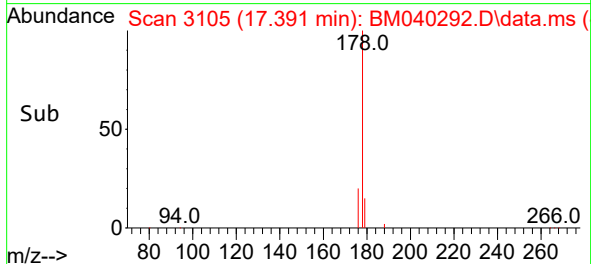
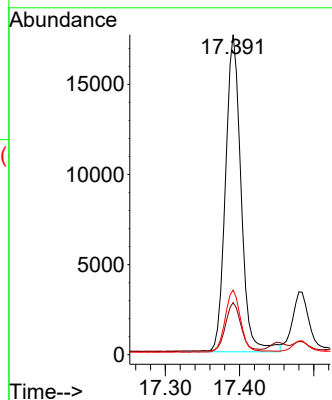
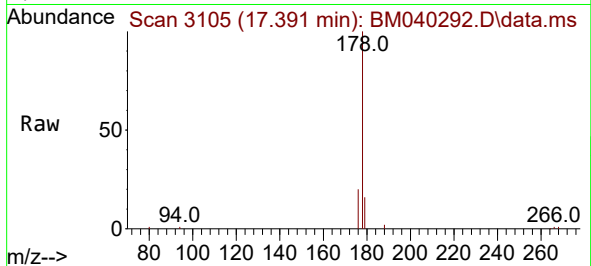




#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040292.D
Acq: 16 Jun 2023 22:05

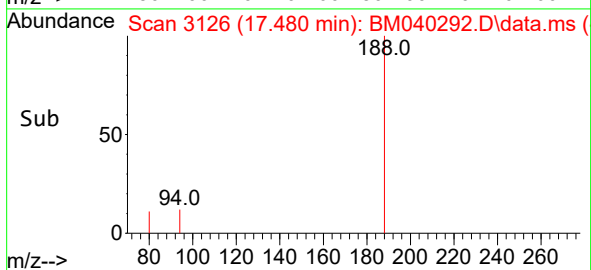
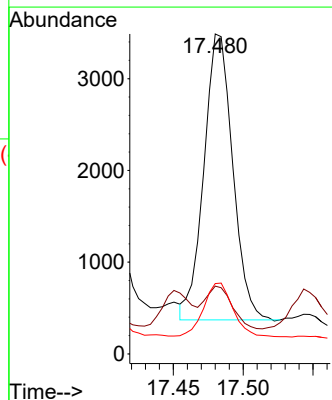
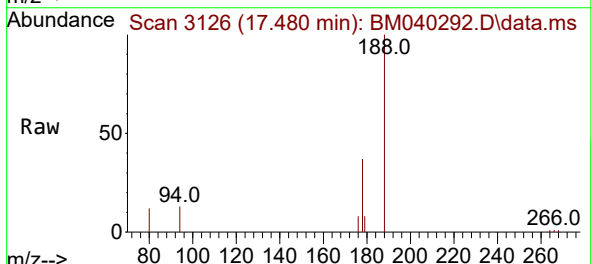
Instrument :
BNA_M
ClientSampleId :
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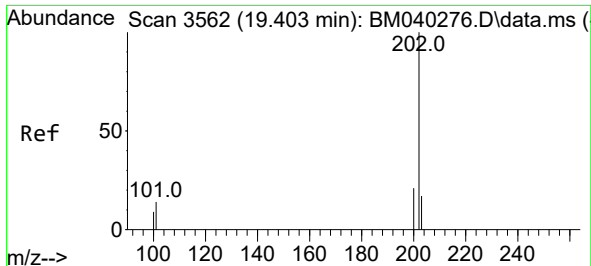
Tgt Ion:178 Resp: 25597
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 20.2 16.1 24.1



#16
Anthracene
Concen: 0.074 ng/ul
RT: 17.480 min Scan# 3126
Delta R.T. -0.008 min
Lab File: BM040292.D
Acq: 16 Jun 2023 22:05

Tgt Ion:178 Resp: 4473
Ion Ratio Lower Upper
178 100
179 21.2 13.0 19.4#
176 22.0 15.5 23.3

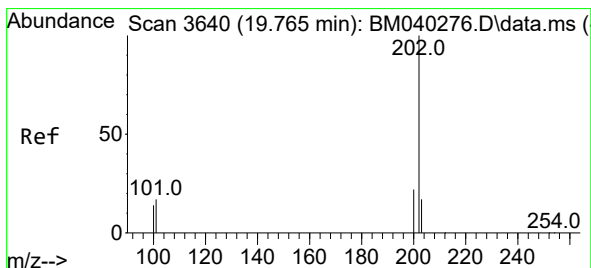
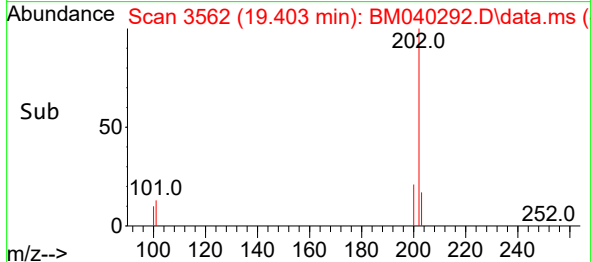
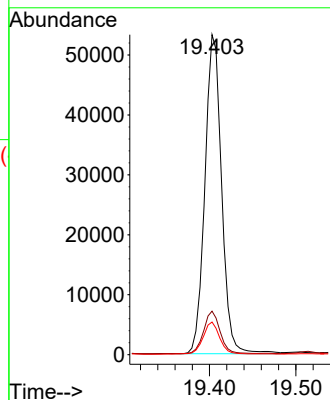
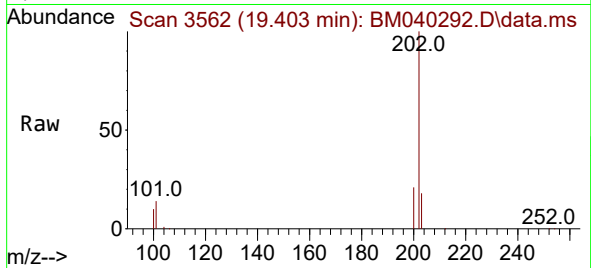




#19
Fluoranthene
Concen: 1.156 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040292.D
Acq: 16 Jun 2023 22:05

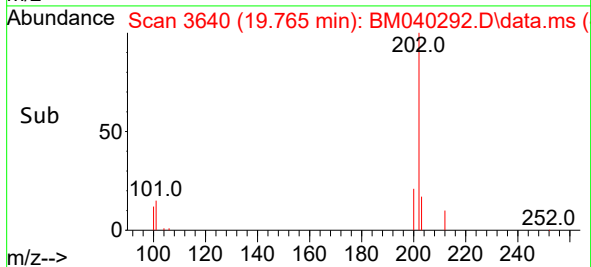
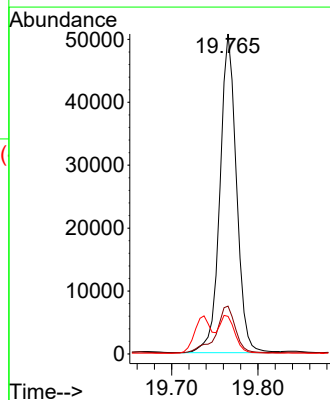
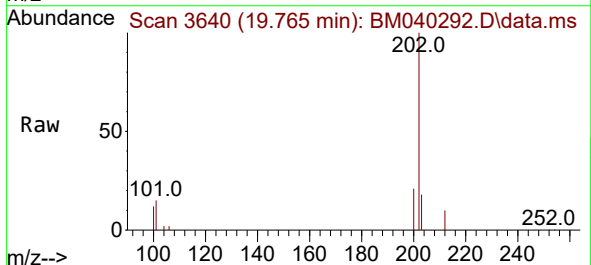
Instrument :
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ClientSampleId :
DCFH4DL

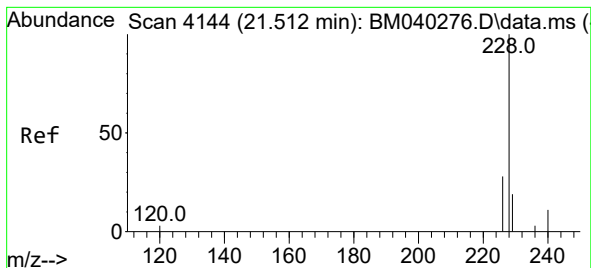
Tgt Ion:202 Resp: 71673
Ion Ratio Lower Upper
202 100
101 13.6 10.2 15.4
100 10.2 7.6 11.4



#20
Pyrene
Concen: 1.050 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040292.D
Acq: 16 Jun 2023 22:05

Tgt Ion:202 Resp: 67643
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.8
100 11.8 9.3 13.9





#21

Benzo(a)anthracene

Concen: 0.594 ng/ul

RT: 21.509 min Scan# 4143

Delta R.T. -0.006 min

Lab File: BM040292.D

Acq: 16 Jun 2023 22:05

Instrument :

BNA_M

ClientSampleId :

DCFH4DL

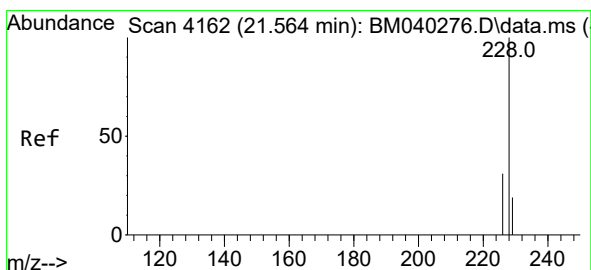
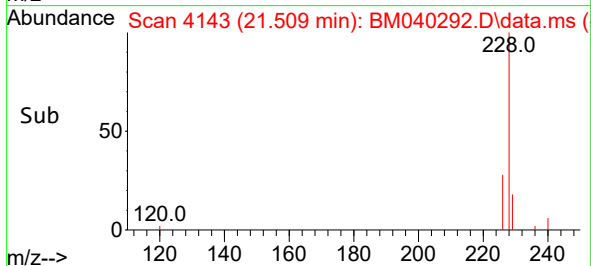
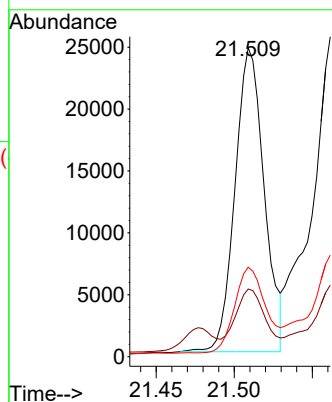
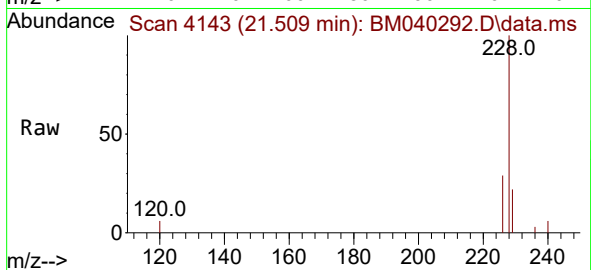
Tgt Ion:228 Resp: 31927

Ion Ratio Lower Upper

228 100

229 21.9 15.8 23.8

226 29.0 22.0 33.0



#22

Chrysene

Concen: 0.744 ng/ul

RT: 21.564 min Scan# 4162

Delta R.T. -0.006 min

Lab File: BM040292.D

Acq: 16 Jun 2023 22:05

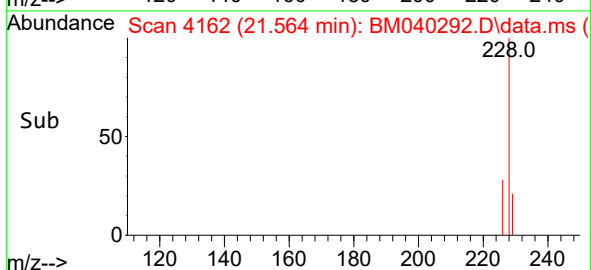
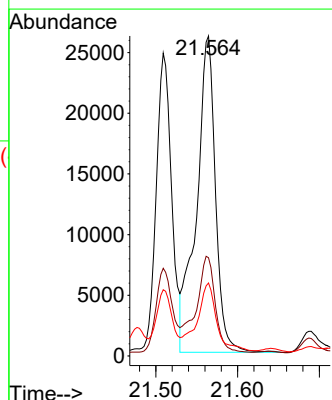
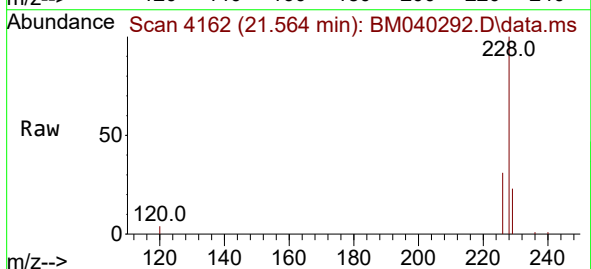
Tgt Ion:228 Resp: 42231

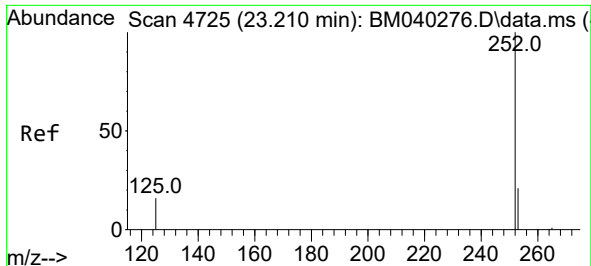
Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

229 22.8 15.7 23.5

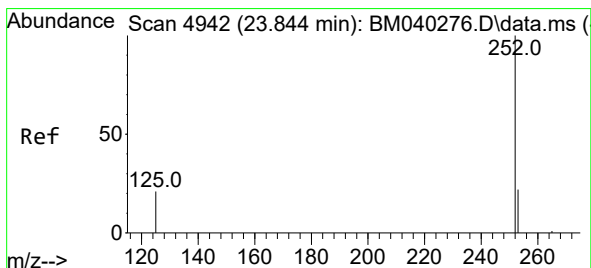
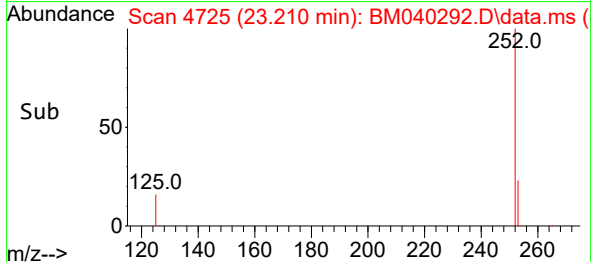
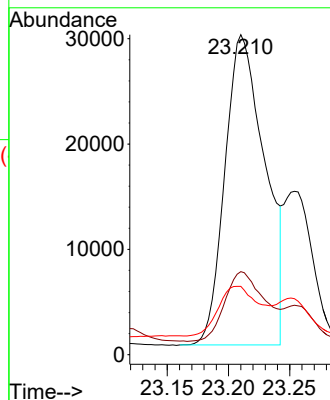
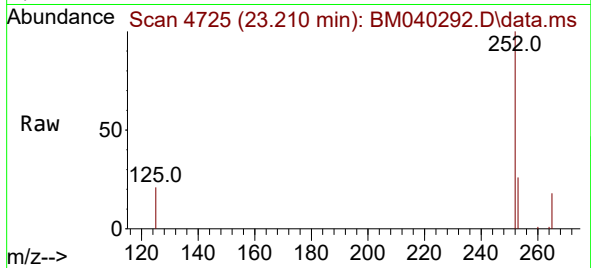




#24
Benzo(b)fluoranthene
Concen: 0.913 ng/ul
RT: 23.210 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM040292.D
Acq: 16 Jun 2023 22:05

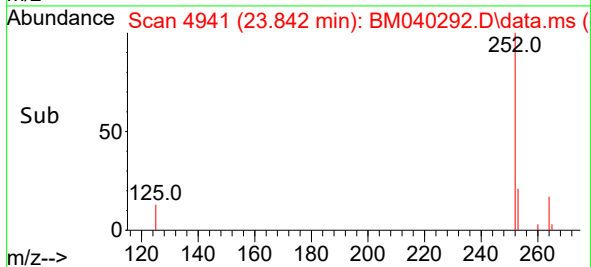
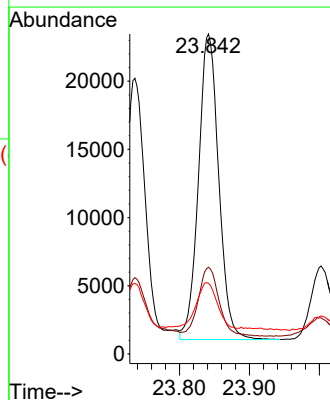
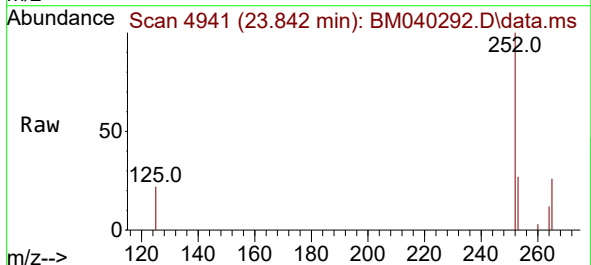
Instrument :
BNA_M
ClientSampleId :
DCFH4DL

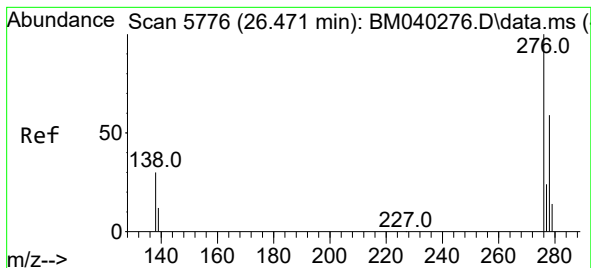
Tgt Ion:252 Resp: 66988
Ion Ratio Lower Upper
252 100
253 26.0 0.0 52.4
125 21.4 0.0 38.4



#26
Benzo(a)pyrene
Concen: 0.749 ng/ul
RT: 23.842 min Scan# 4941
Delta R.T. -0.009 min
Lab File: BM040292.D
Acq: 16 Jun 2023 22:05

Tgt Ion:252 Resp: 45090
Ion Ratio Lower Upper
252 100
253 27.1 23.4 35.0
125 22.0 19.7 29.5





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.516 ng/ul

RT: 26.461 min Scan# 5

Delta R.T. -0.017 min

Lab File: BM040292.D

Acq: 16 Jun 2023 22:05

Instrument :

BNA_M

ClientSampleId :

DCFH4DL

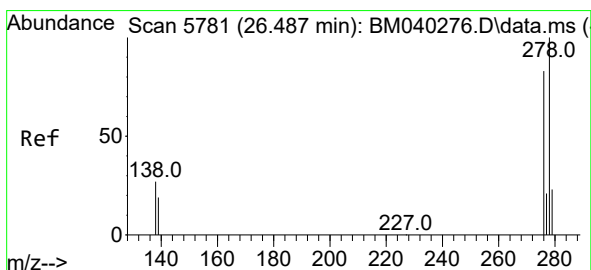
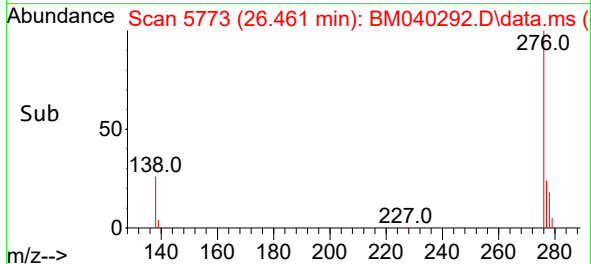
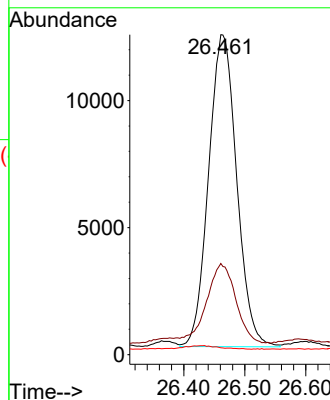
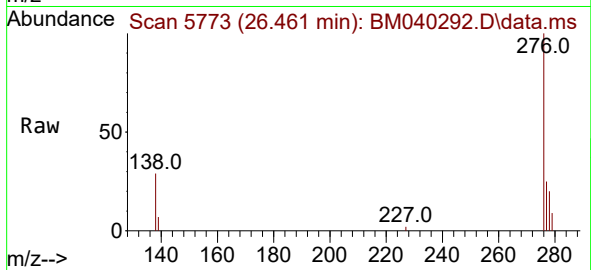
Tgt Ion:276 Resp: 39332

Ion Ratio Lower Upper

276 100

138 26.3 23.3 34.9

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.160 ng/ul

RT: 26.477 min Scan# 5778

Delta R.T. -0.020 min

Lab File: BM040292.D

Acq: 16 Jun 2023 22:05

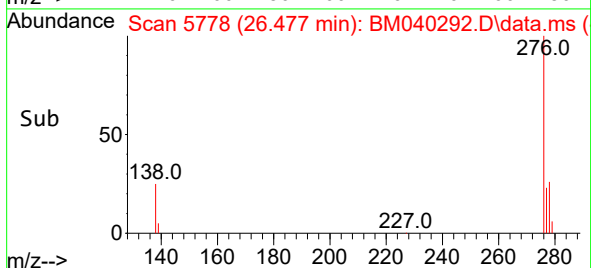
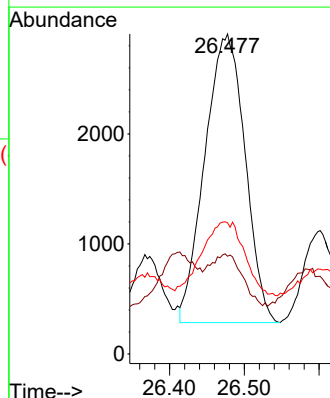
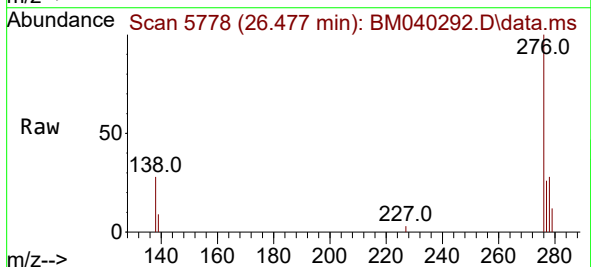
Tgt Ion:278 Resp: 9798

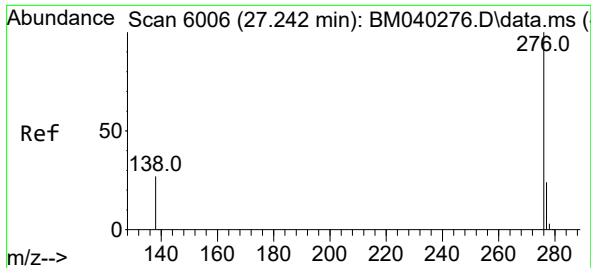
Ion Ratio Lower Upper

278 100

139 30.6 16.4 24.6#

279 41.0 21.8 32.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.651 ng/ul
 RT: 27.239 min Scan# 6005
 Delta R.T. -0.017 min
 Lab File: BM040292.D
 Acq: 16 Jun 2023 22:05

Instrument :
 BNA_M
 ClientSampleId :
 DCFH4DL

Tgt Ion:	276	Resp:	41455
Ion	Ratio	Lower	Upper
276	100		
138	28.2	21.0	31.4
277	25.3	19.6	29.4

