

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038952.D
 Acq On : 09 Mar 2023 19:14
 Operator : CG/JU
 Sample : 01784-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAF2

Quant Time: Mar 10 03:53:48 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

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

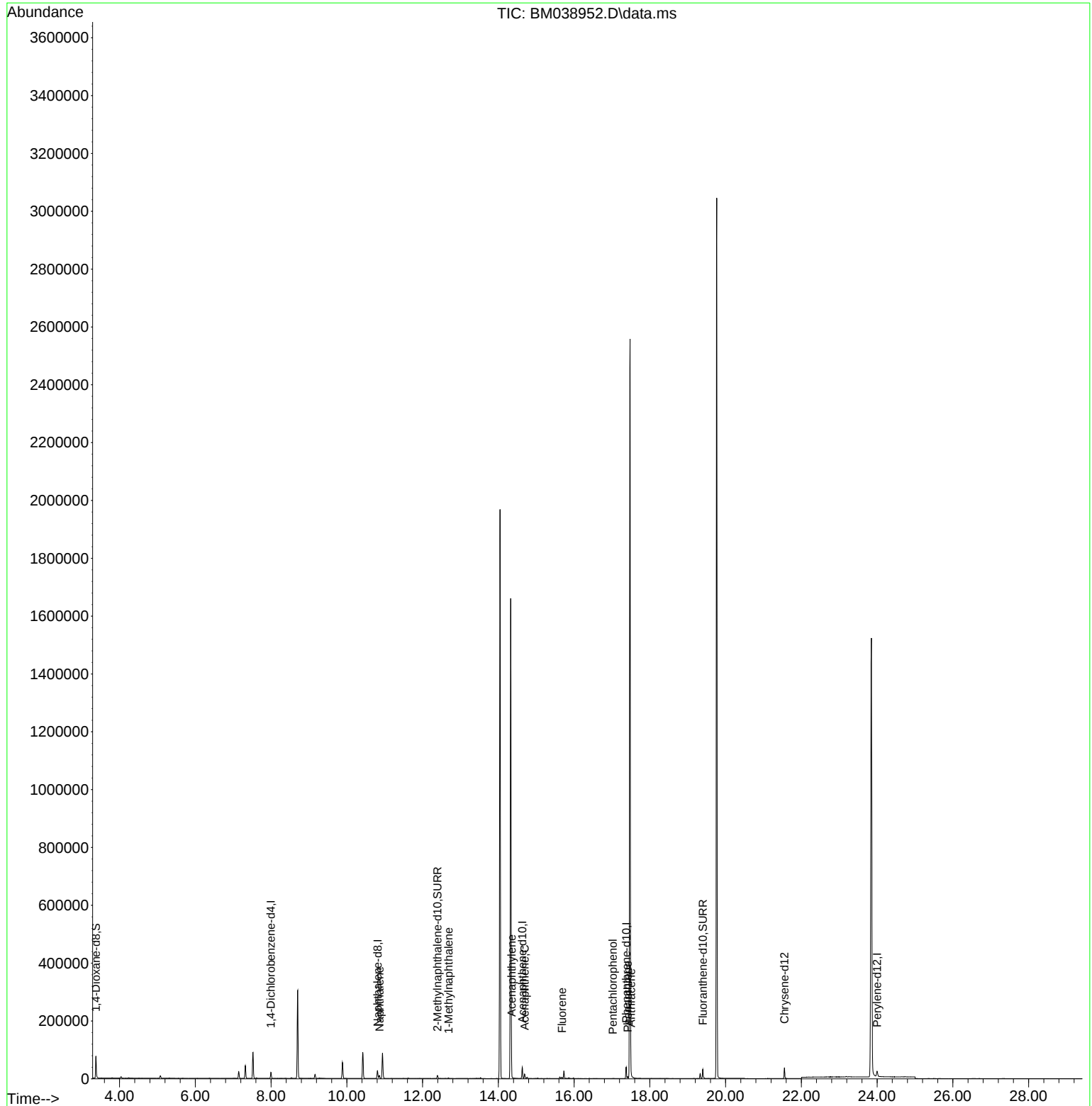
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	10146	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	36081	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	21138	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	44500	0.400	ng/ul	0.00
17) Chrysene-d12	21.556	240	34000	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	27480	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	47545	4.141	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	13299	0.305	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	32413	0.400	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.861	128	14230	0.165	ng/ul	98
8) 1-Methylnaphthalene	12.686	142	1315	0.024	ng/ul	98
10) Acenaphthylene	14.350	152	1713	0.022	ng/ul#	75
11) Acenaphthene	14.693	153	8580	0.136	ng/ul	96
12) Fluorene	15.678	166	3019	0.042	ng/ul#	98
14) Pentachlorophenol	17.020	266	277	0.026	ng/ul	93
15) Phenanthrene	17.417	178	6818	0.058	ng/ul	97
16) Anthracene	17.505	178	2654	0.027	ng/ul#	84

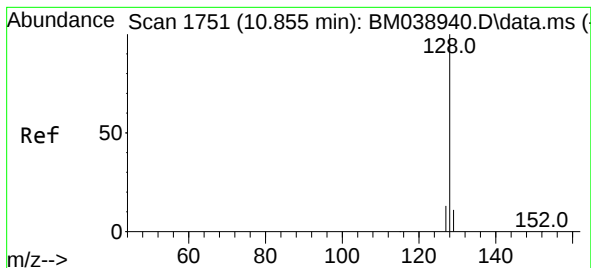
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.165 ng/ul

RT: 10.861 min Scan# 1751

Delta R.T. 0.005 min

Lab File: BM038952.D

Acq: 09 Mar 2023 19:14

Instrument :

BNA_M

ClientSampleId :

DCAF2

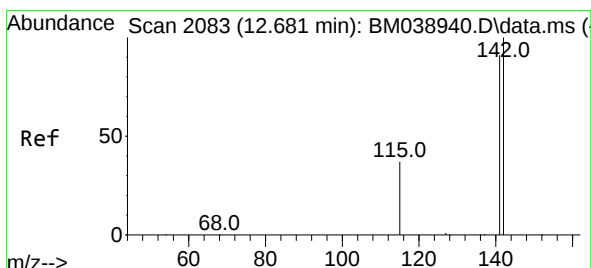
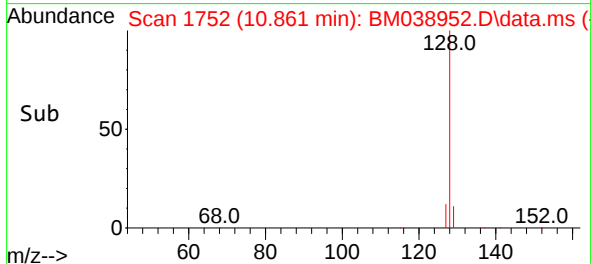
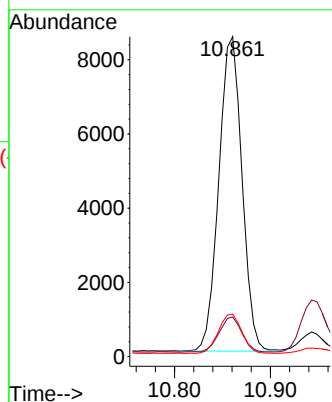
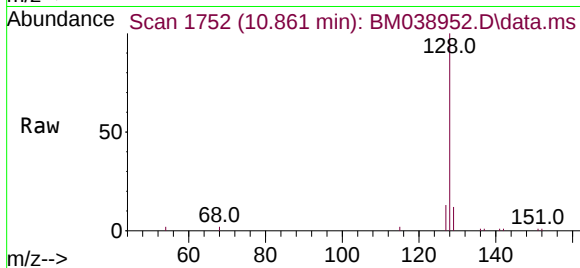
Tgt Ion:128 Resp: 14230

Ion Ratio Lower Upper

128 100

129 12.4 9.1 13.7

127 13.3 10.3 15.5



#8

1-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.686 min Scan# 2084

Delta R.T. 0.005 min

Lab File: BM038952.D

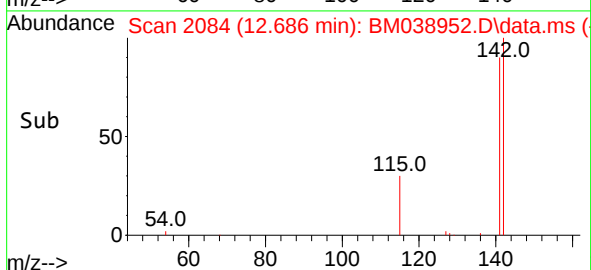
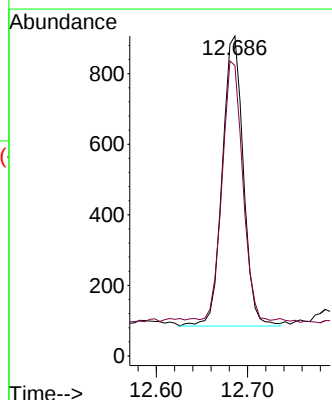
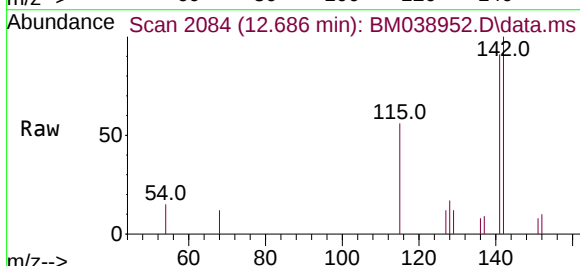
Acq: 09 Mar 2023 19:14

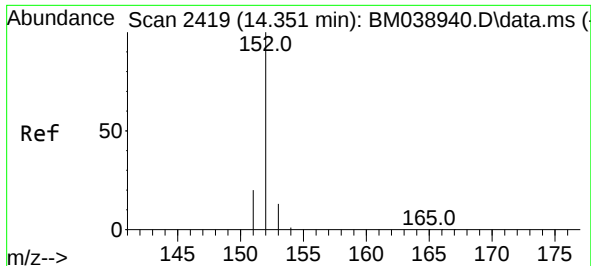
Tgt Ion:142 Resp: 1315

Ion Ratio Lower Upper

142 100

141 90.0 73.5 110.3

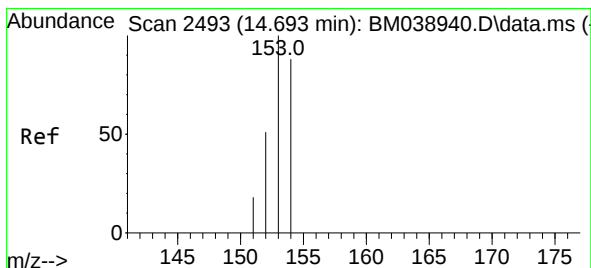
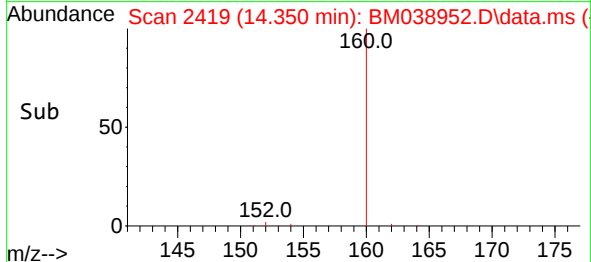
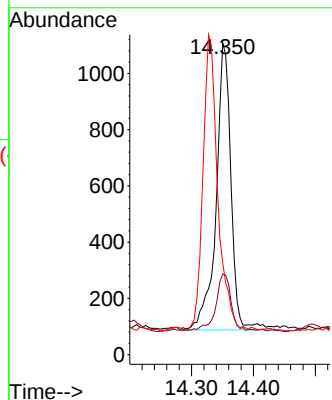
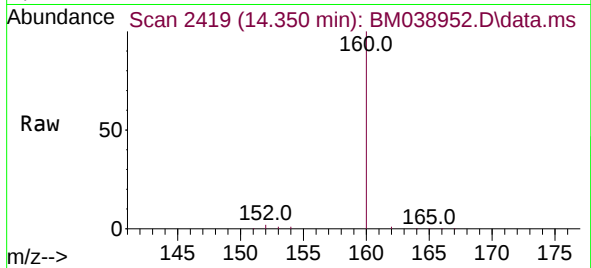




#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.350 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038952.D
Acq: 09 Mar 2023 19:14

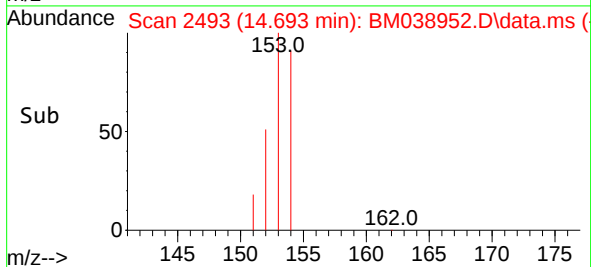
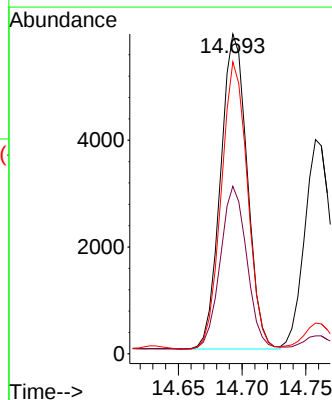
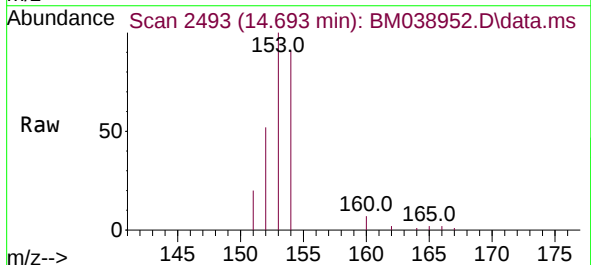
Instrument :
BNA_M
ClientSampleId :
DCAF2

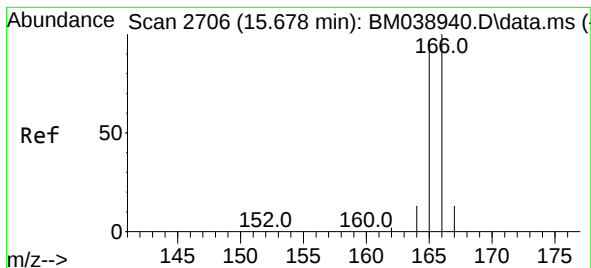
Tgt Ion:152 Resp: 1713
Ion Ratio Lower Upper
152 100
151 25.9 15.6 23.4#
153 29.4 10.6 15.8#



#11
Acenaphthene
Concen: 0.136 ng/ul
RT: 14.693 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BM038952.D
Acq: 09 Mar 2023 19:14

Tgt Ion:153 Resp: 8580
Ion Ratio Lower Upper
153 100
152 52.4 44.2 66.2
154 91.3 70.6 105.8





#12

Fluorene

Concen: 0.042 ng/ul

RT: 15.678 min Scan# 2706

Delta R.T. -0.000 min

Lab File: BM038952.D

Acq: 09 Mar 2023 19:14

Instrument :

BNA_M

ClientSampleId :

DCAF2

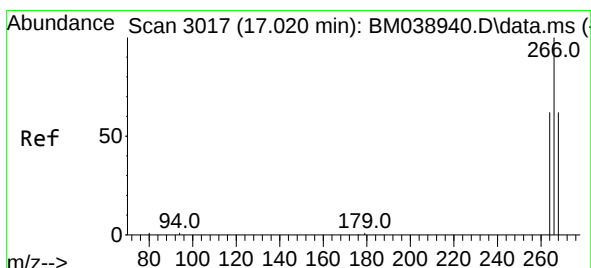
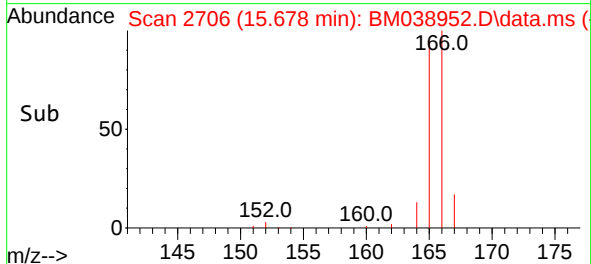
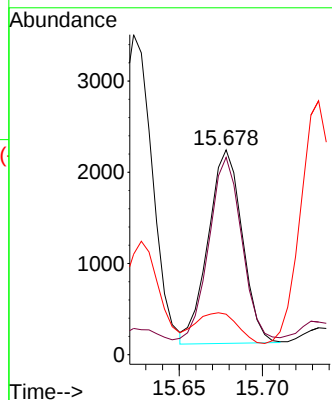
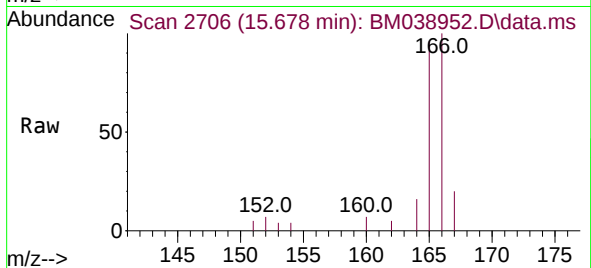
Tgt Ion:166 Resp: 3019

Ion Ratio Lower Upper

166 100

165 96.3 77.8 116.6

167 19.8 11.4 17.2#



#14

Pentachlorophenol

Concen: 0.026 ng/ul

RT: 17.020 min Scan# 3017

Delta R.T. -0.000 min

Lab File: BM038952.D

Acq: 09 Mar 2023 19:14

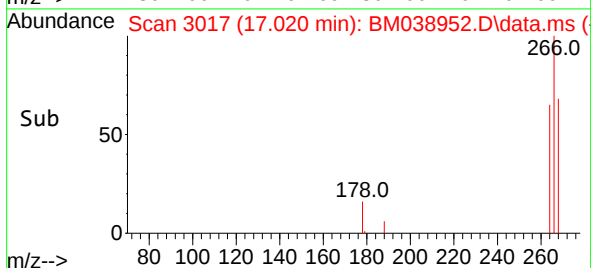
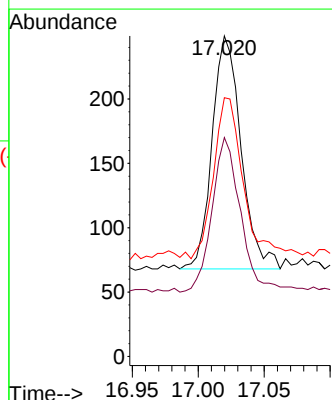
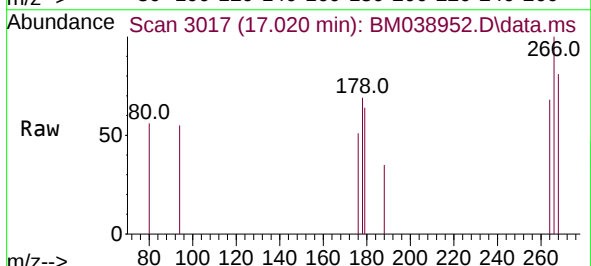
Tgt Ion:266 Resp: 277

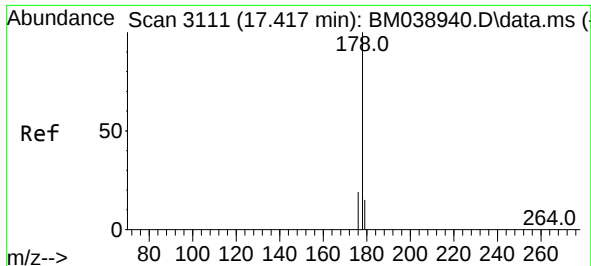
Ion Ratio Lower Upper

266 100

264 66.1 50.2 75.2

268 70.4 50.2 75.4

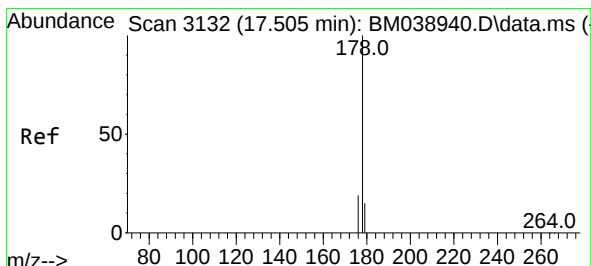
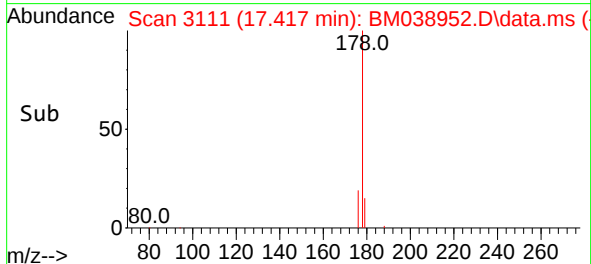
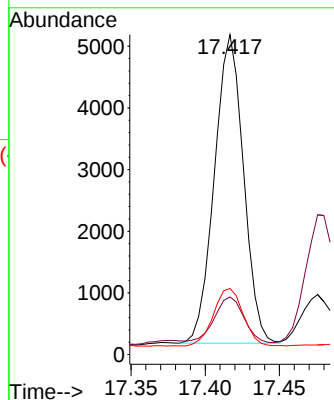
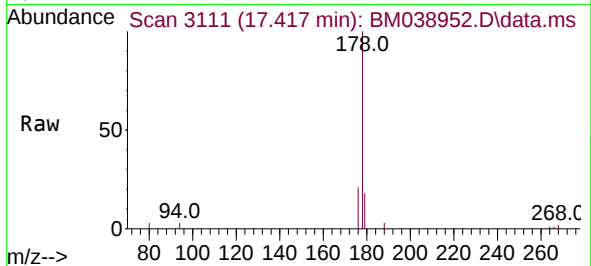




#15
Phenanthrene
Concen: 0.058 ng/ul
RT: 17.417 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM038952.D
Acq: 09 Mar 2023 19:14

Instrument :
BNA_M
ClientSampleId :
DCAF2

Tgt Ion:	178	Resp:	6818
Ion Ratio	Lower	Upper	
178	100		
179	18.0	12.7	19.1
176	20.7	15.9	23.9



#16
Anthracene
Concen: 0.027 ng/ul
RT: 17.505 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BM038952.D
Acq: 09 Mar 2023 19:14

Tgt Ion:	178	Resp:	2654
Ion Ratio	Lower	Upper	
178	100		
179	25.0	13.0	19.6#
176	24.5	15.4	23.2#

