

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038949.D
 Acq On : 09 Mar 2023 17:19
 Operator : CG/JU
 Sample : 01784-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAD7

Quant Time: Mar 09 18:14:02 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)

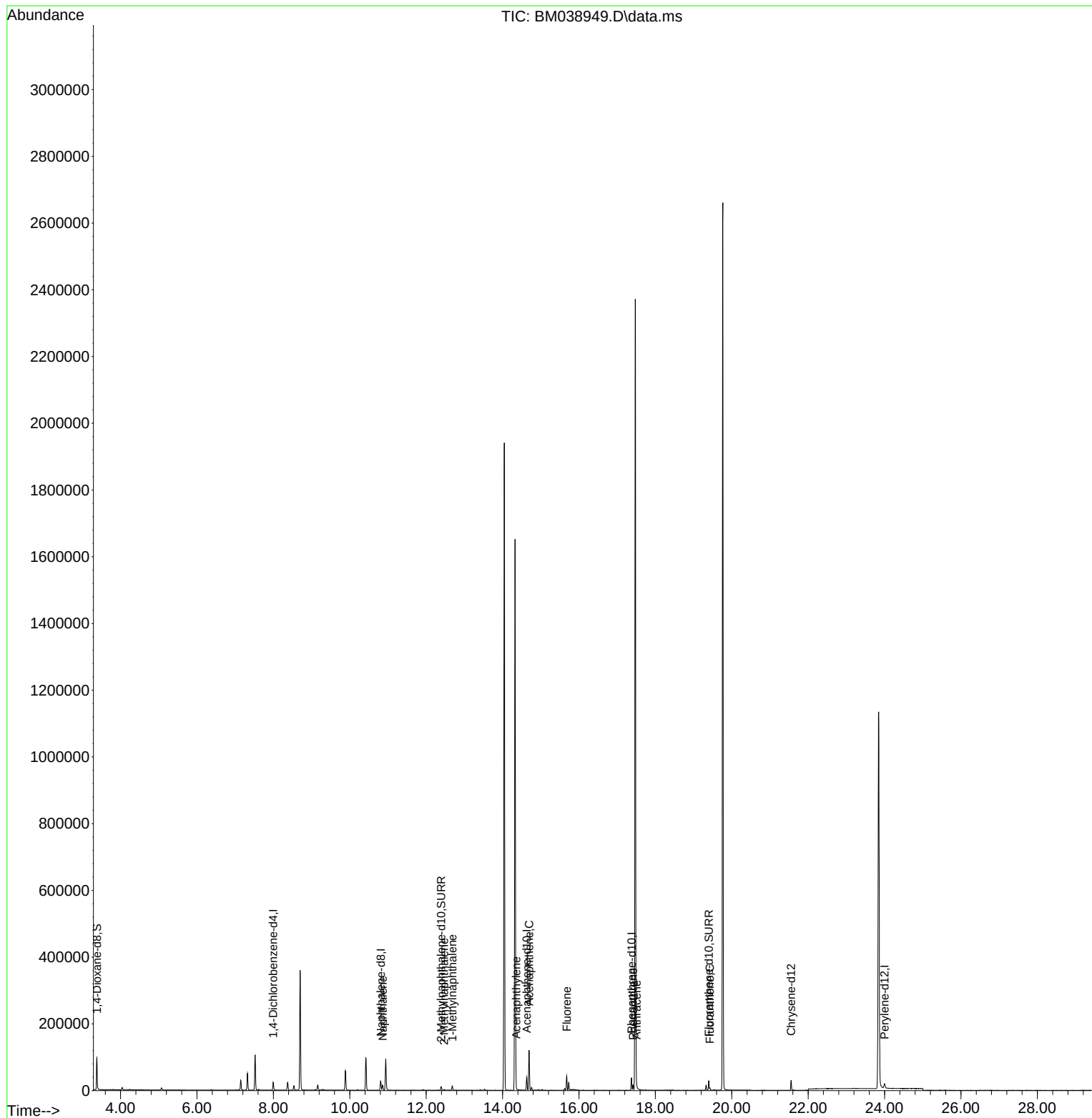
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	11058	0.400	ng/u1	0.00
4) Naphthalene-d8	10.811	136	38045	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.633	164	21123	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.374	188	42003	0.400	ng/u1	0.00
17) Chrysene-d12	21.553	240	27036	0.400	ng/u1	0.00
23) Perylene-d12	24.002	264	20221	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	58853	4.704	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.395	152	13662	0.297	ng/u1	0.00
18) Fluoranthene-d10	19.398	212	27886	0.433	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.861	128	20549	0.226	ng/u1	99
7) 2-Methylnaphthalene	12.466	142	1344	0.024	ng/u1	97
8) 1-Methylnaphthalene	12.686	142	9036	0.156	ng/u1	98
10) Acenaphthylene	14.355	152	2060	0.027	ng/u1#	79
11) Acenaphthene	14.693	153	66358	1.050	ng/u1	97
12) Fluorene	15.678	166	25438	0.357	ng/u1	99
15) Phenanthrene	17.417	178	16954	0.153	ng/u1	99
16) Anthracene	17.510	178	3945	0.043	ng/u1#	92
19) Fluoranthene	19.426	202	5756	0.063	ng/u1#	90

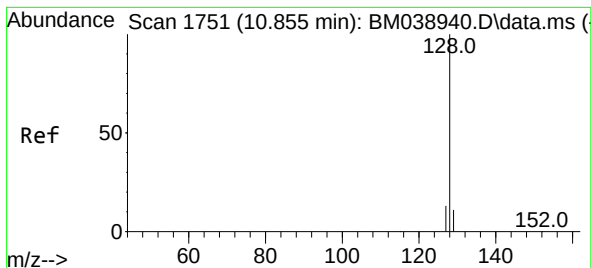
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.226 ng/ul

RT: 10.861 min Scan# 1752

Delta R.T. 0.005 min

Lab File: BM038949.D

Acq: 09 Mar 2023 17:19

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ClientSampleId :

DCAD7

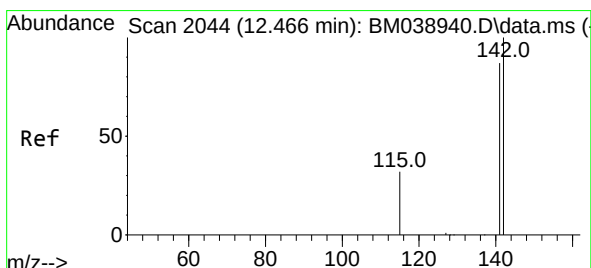
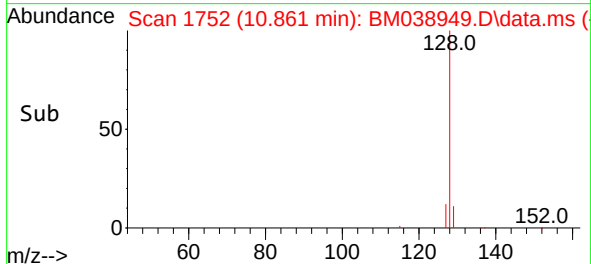
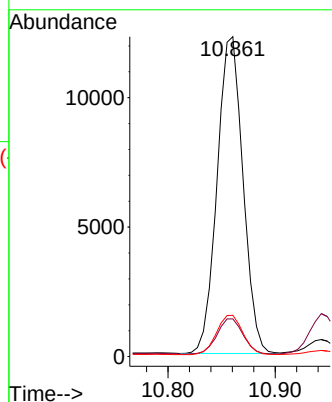
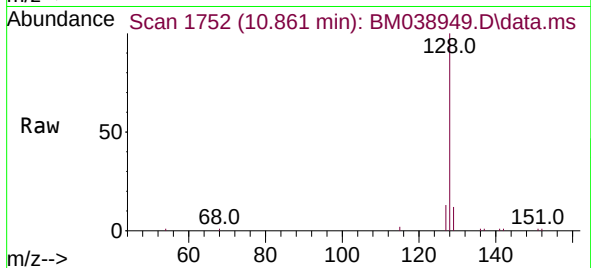
Tgt Ion:128 Resp: 20549

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

127 12.9 10.3 15.5



#7

2-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.466 min Scan# 2044

Delta R.T. -0.000 min

Lab File: BM038949.D

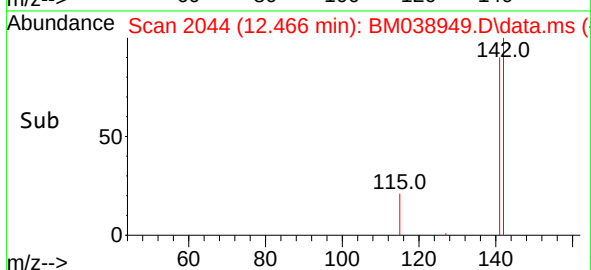
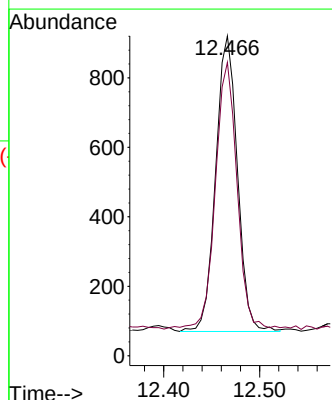
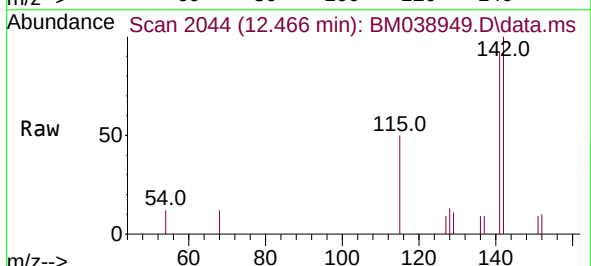
Acq: 09 Mar 2023 17:19

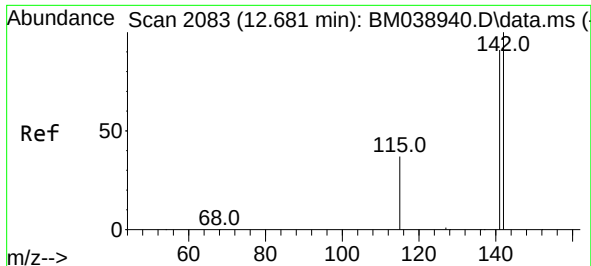
Tgt Ion:142 Resp: 1344

Ion Ratio Lower Upper

142 100

141 90.2 69.9 104.9

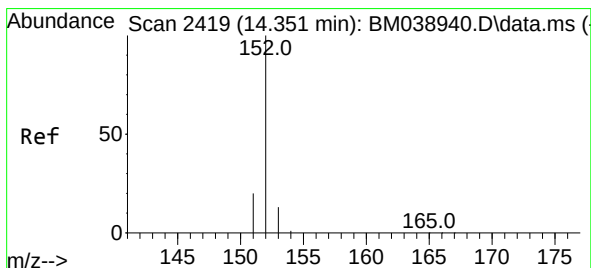
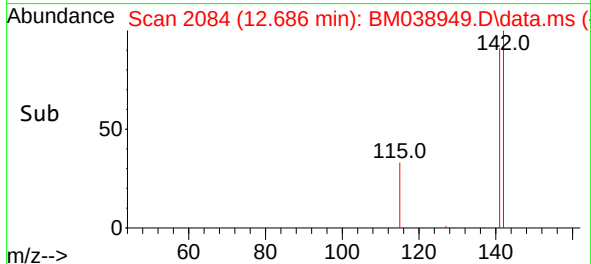
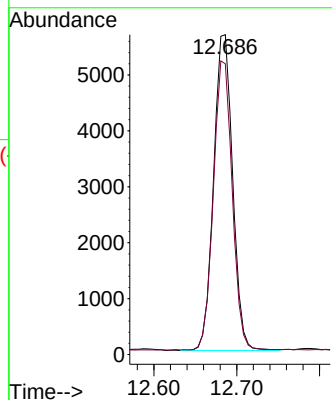
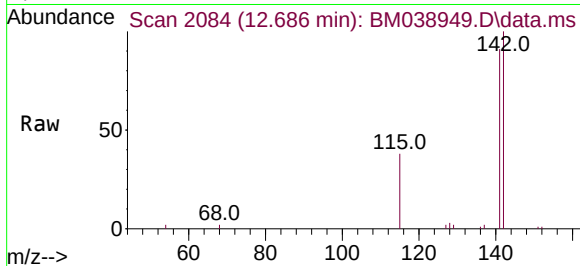




#8
1-Methylnaphthalene
Concen: 0.156 ng/ul
RT: 12.686 min Scan# 2084
Delta R.T. 0.005 min
Lab File: BM038949.D
Acq: 09 Mar 2023 17:19

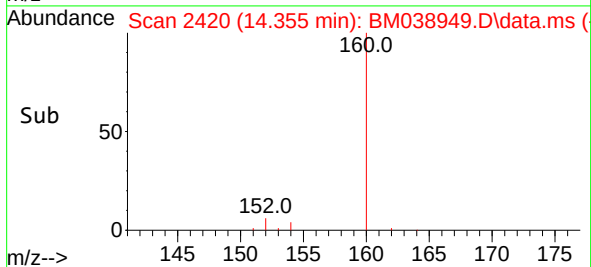
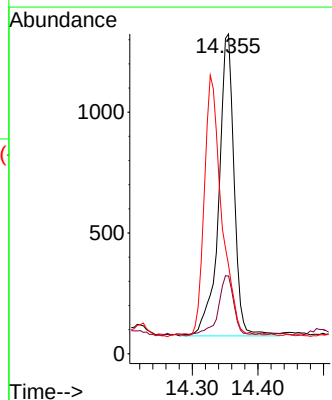
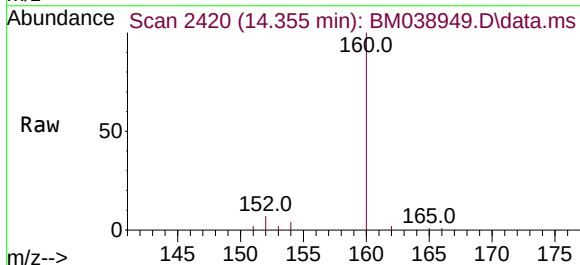
Instrument :
BNA_M
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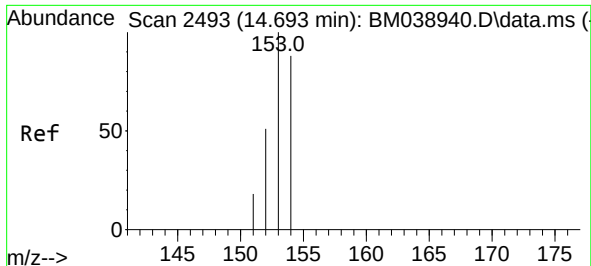
Tgt Ion:142 Resp: 9036
Ion Ratio Lower Upper
142 100
141 90.4 73.5 110.3



#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.355 min Scan# 2420
Delta R.T. 0.005 min
Lab File: BM038949.D
Acq: 09 Mar 2023 17:19

Tgt Ion:152 Resp: 2060
Ion Ratio Lower Upper
152 100
151 24.3 15.6 23.4#
153 27.8 10.6 15.8#

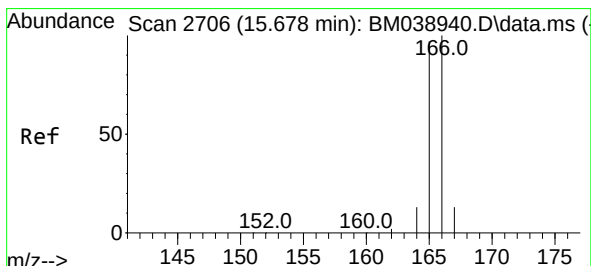
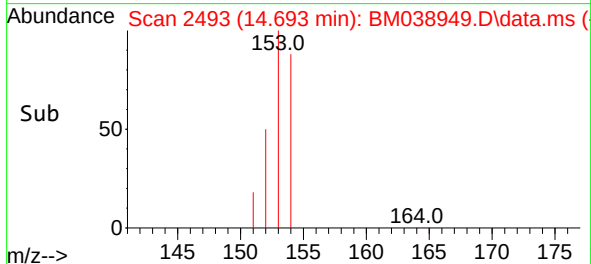
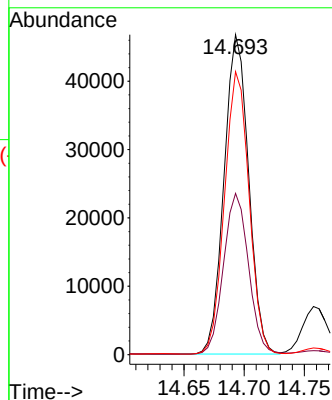
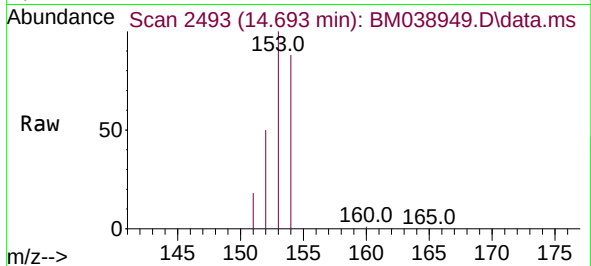




#11
Acenaphthene
Concen: 1.050 ng/ul
RT: 14.693 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BM038949.D
Acq: 09 Mar 2023 17:19

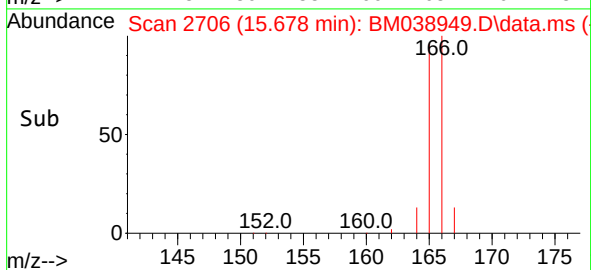
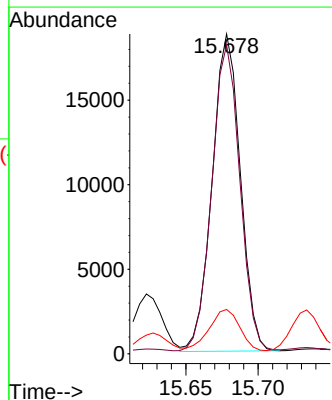
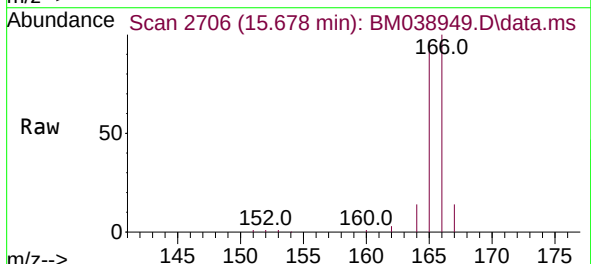
Instrument :
BNA_M
ClientSampleId :
DCAD7

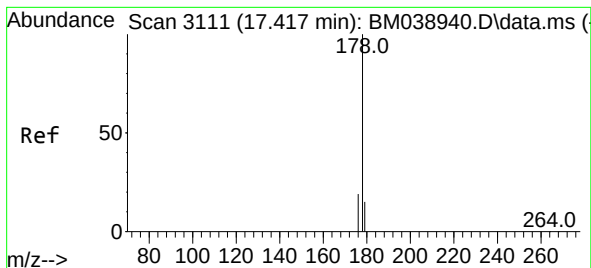
Tgt Ion:153 Resp: 66358
Ion Ratio Lower Upper
153 100
152 50.4 44.2 66.2
154 88.4 70.6 105.8



#12
Fluorene
Concen: 0.357 ng/ul
RT: 15.678 min Scan# 2706
Delta R.T. -0.000 min
Lab File: BM038949.D
Acq: 09 Mar 2023 17:19

Tgt Ion:166 Resp: 25438
Ion Ratio Lower Upper
166 100
165 96.5 77.8 116.6
167 13.9 11.4 17.2





#15

Phenanthrene

Concen: 0.153 ng/ul

RT: 17.417 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BM038949.D

Acq: 09 Mar 2023 17:19

Instrument :

BNA_M

ClientSampleId :

DCAD7

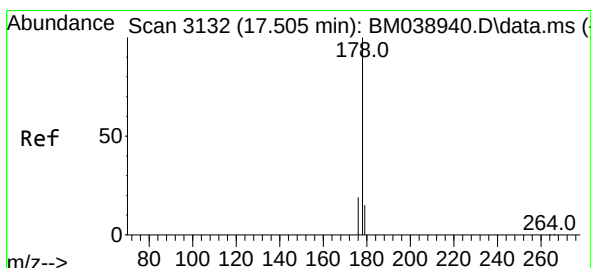
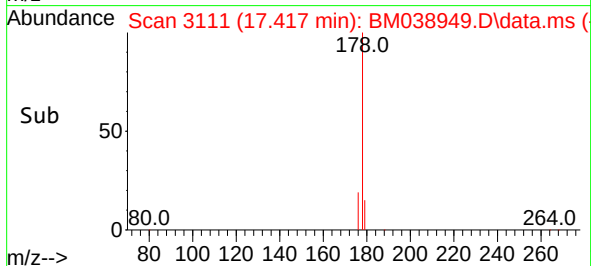
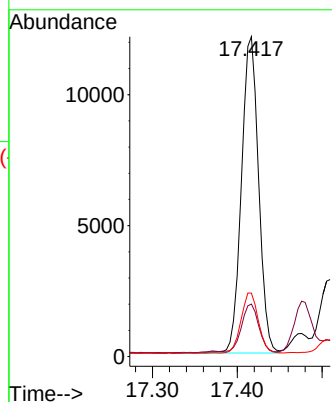
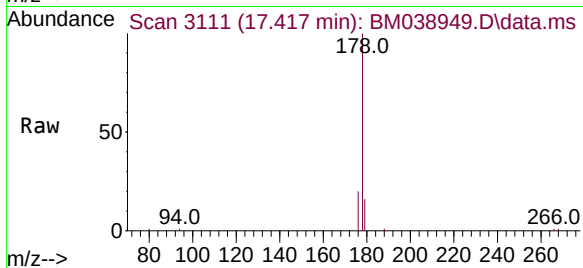
Tgt Ion:178 Resp: 16954

Ion Ratio Lower Upper

178 100

179 16.4 12.7 19.1

176 19.8 15.9 23.9



#16

Anthracene

Concen: 0.043 ng/ul

RT: 17.510 min Scan# 3133

Delta R.T. 0.004 min

Lab File: BM038949.D

Acq: 09 Mar 2023 17:19

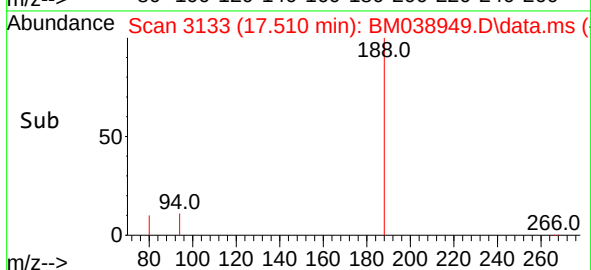
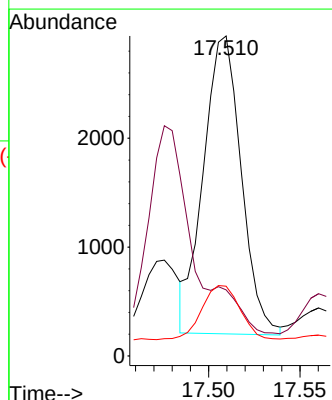
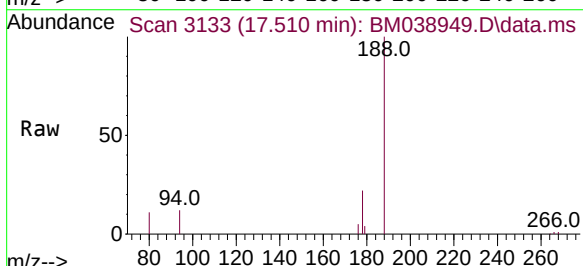
Tgt Ion:178 Resp: 3945

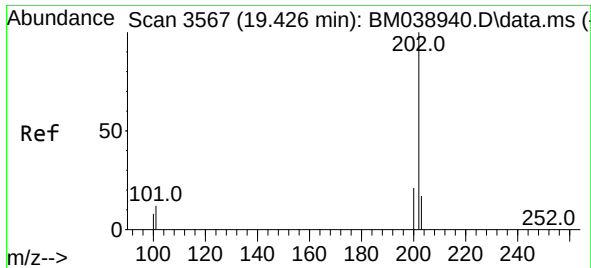
Ion Ratio Lower Upper

178 100

179 20.6 13.0 19.6#

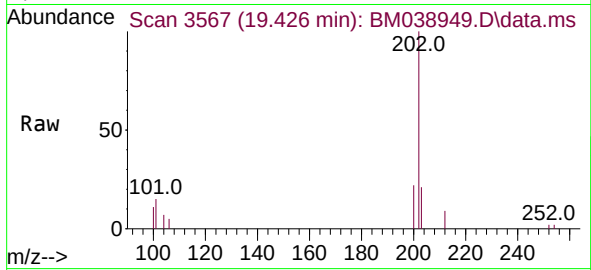
176 21.8 15.4 23.2





#19
 Fluoranthene
 Concen: 0.063 ng/ul
 RT: 19.426 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM038949.D
 Acq: 09 Mar 2023 17:19

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:202 Resp: 5756
 Ion Ratio Lower Upper
 202 100
 101 15.5 8.9 13.3#
 100 11.4 6.8 10.2#

