

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038950.D
 Acq On : 09 Mar 2023 17:57
 Operator : CG/JU
 Sample : 01784-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAD8

Quant Time: Mar 10 03:53:28 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)

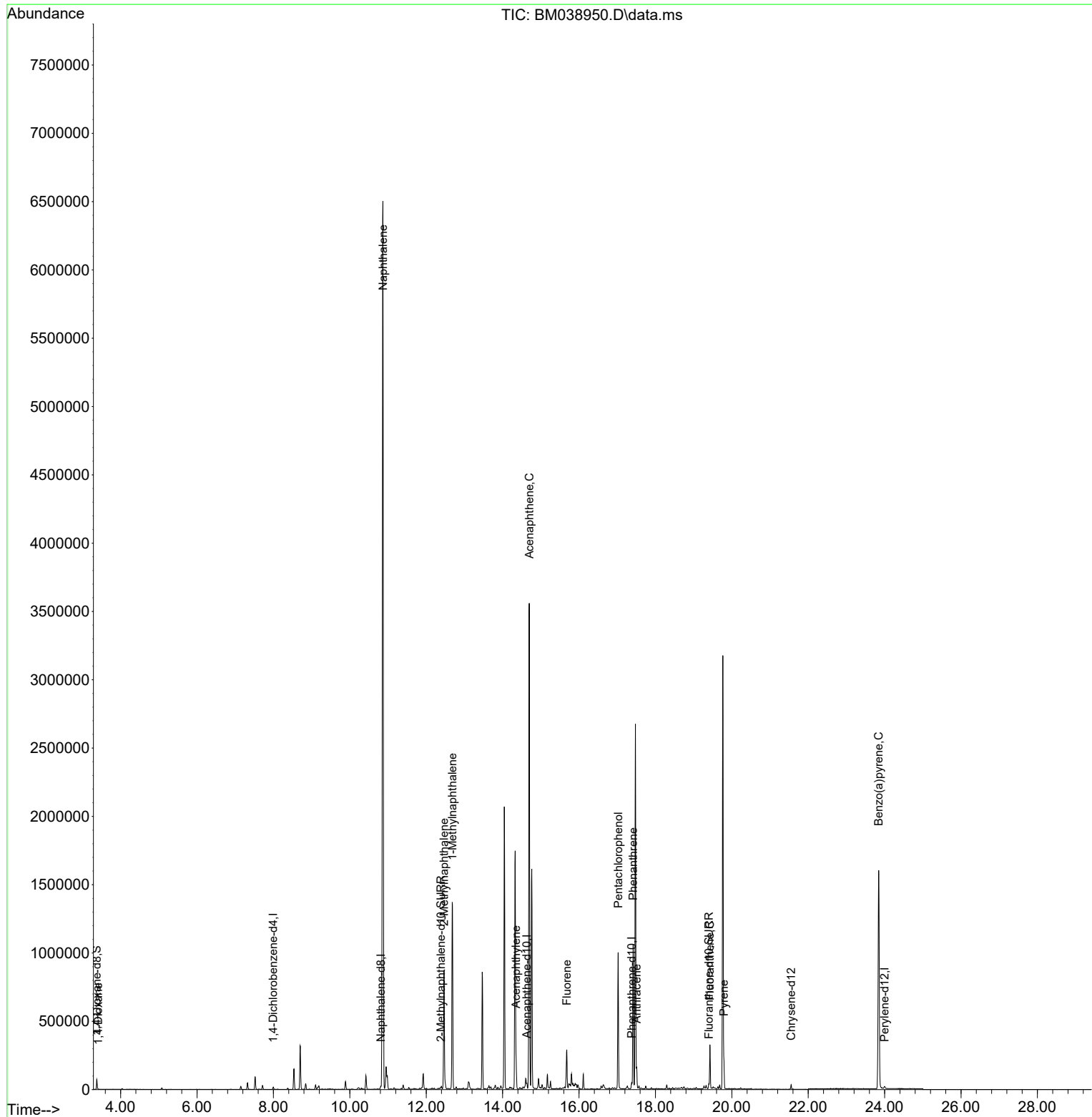
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	8468	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	30159	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	20662	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.374	188	38888	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	29668	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	22626	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	44499	4.644	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.389	152	15094	0.414	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	38844	0.550	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.413	88	218	0.022	ng/ul#	17
5) Naphthalene	10.866	128	9173689	127.227	ng/ul	99
7) 2-Methylnaphthalene	12.466	142	585031	13.372	ng/ul	100
8) 1-Methylnaphthalene	12.686	142	921683	20.080	ng/ul	98
10) Acenaphthylene	14.350	152	198613	2.643	ng/ul	98
11) Acenaphthene	14.697	153	2055597	33.268	ng/ul	93
12) Fluorene	15.678	166	188307	2.699	ng/ul#	96
14) Pentachlorophenol	17.024	266	589928	63.043	ng/ul	99
15) Phenanthrene	17.417	178	1087483	10.579	ng/ul	99
16) Anthracene	17.509	178	145787	1.722	ng/ul	99
19) Fluoranthene	19.426	202	258036	2.568	ng/ul	98
20) Pyrene	19.793	202	152699	1.480	ng/ul	99
26) Benzo(a)pyrene	23.844	252	9028	0.128	ng/ul#	60

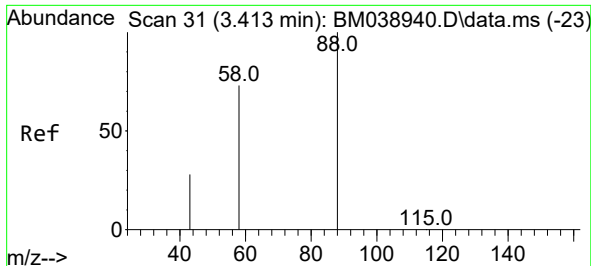
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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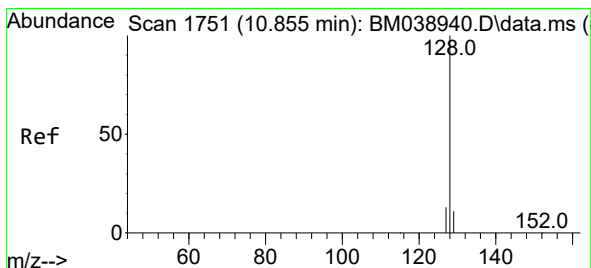
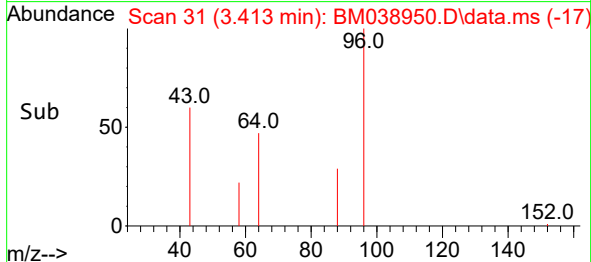
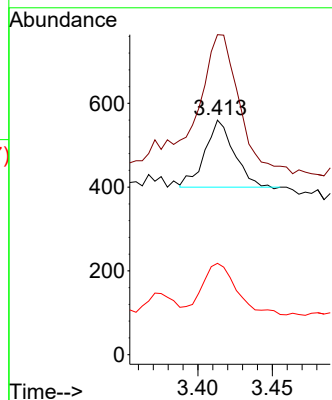
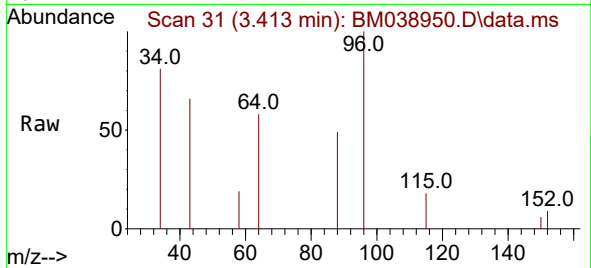




#2
1,4-Dioxane
Concen: 0.022 ng/ul
RT: 3.413 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

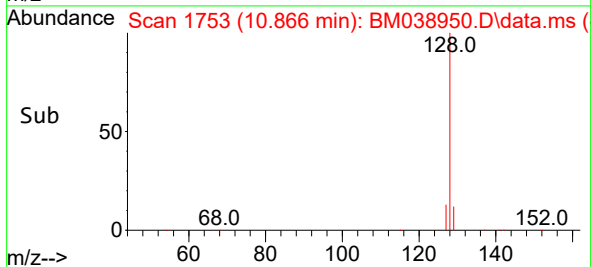
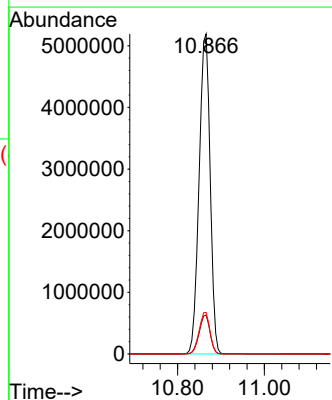
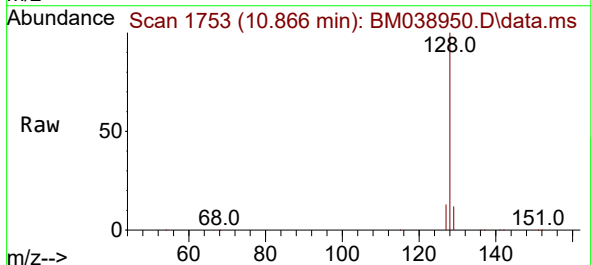
Instrument :
BNA_M
ClientSampleId :
DCAD8

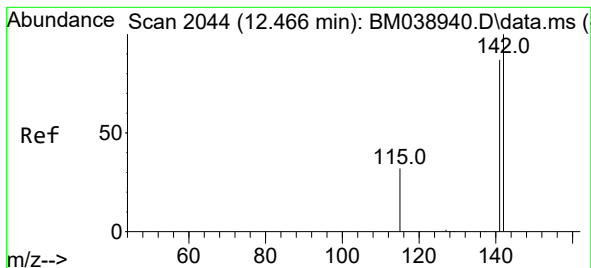
Tgt Ion: 88 Resp: 218
Ion Ratio Lower Upper
88 100
43 136.4 27.2 40.8#
58 38.9 50.8 76.2#



#5
Naphthalene
Concen: 127.227 ng/ul
RT: 10.866 min Scan# 1753
Delta R.T. 0.011 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Tgt Ion:128 Resp: 9173689
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 13.0 10.3 15.5

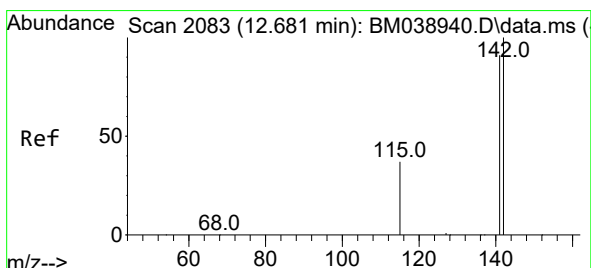
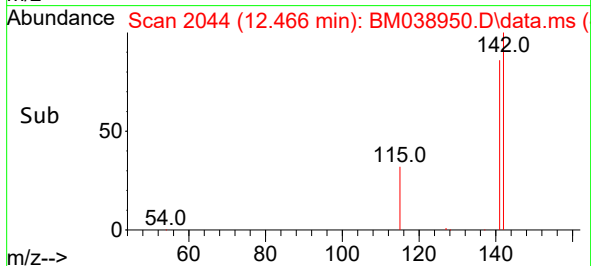
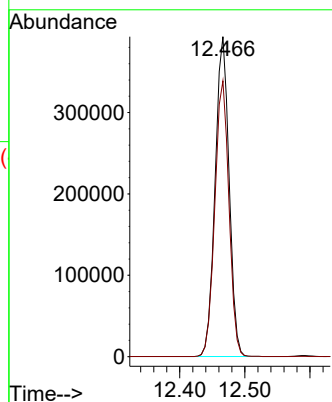
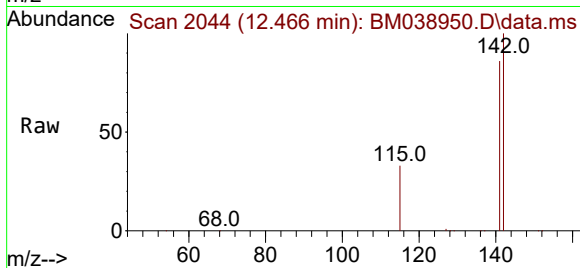




#7
2-Methylnaphthalene
Concen: 13.372 ng/ul
RT: 12.466 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

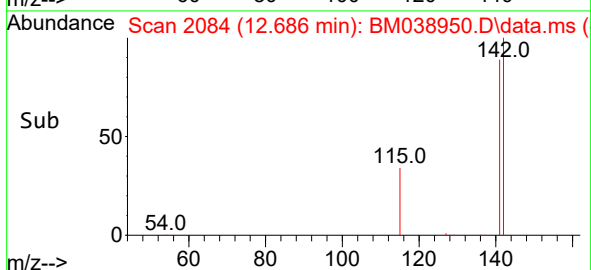
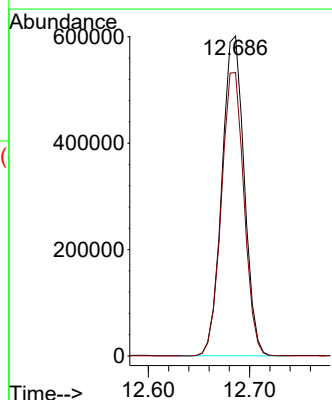
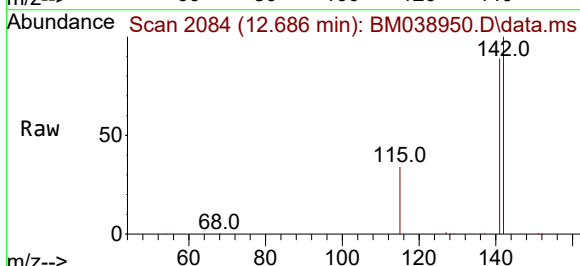
Instrument :
BNA_M
ClientSampleId :
DCAD8

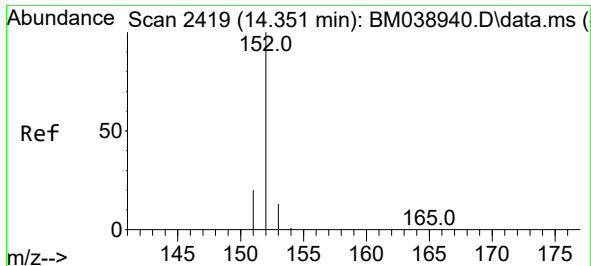
Tgt Ion:142 Resp: 585031
Ion Ratio Lower Upper
142 100
141 87.0 69.9 104.9



#8
1-Methylnaphthalene
Concen: 20.080 ng/ul
RT: 12.686 min Scan# 2084
Delta R.T. 0.005 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Tgt Ion:142 Resp: 921683
Ion Ratio Lower Upper
142 100
141 89.6 73.5 110.3

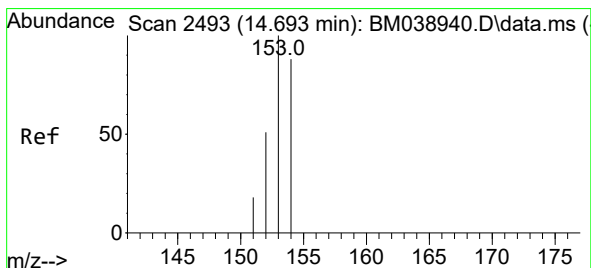
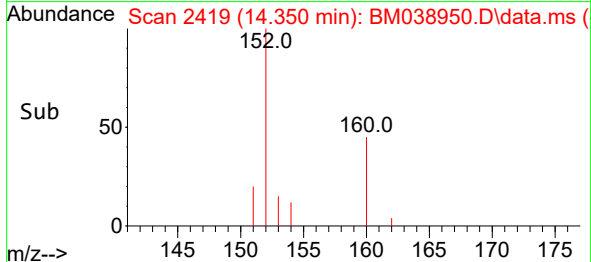
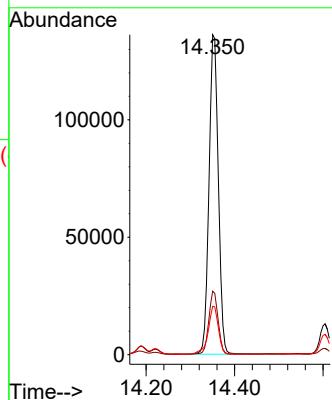
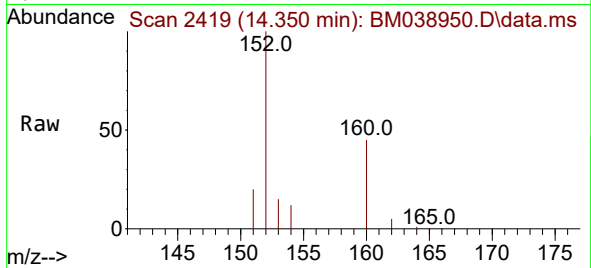




#10
Acenaphthylene
Concen: 2.643 ng/ul
RT: 14.350 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

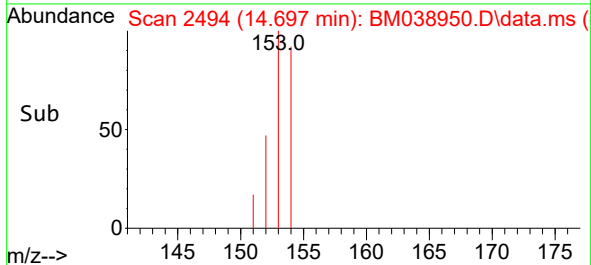
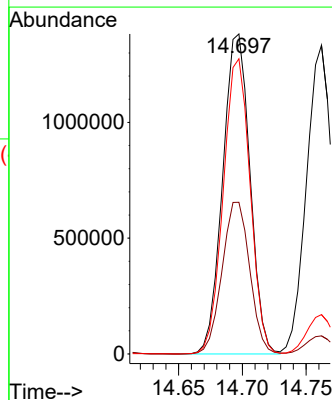
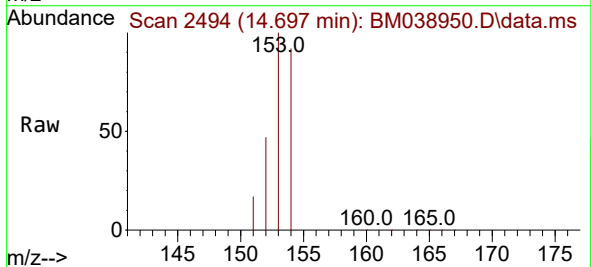
Instrument :
BNA_M
ClientSampleId :
DCAD8

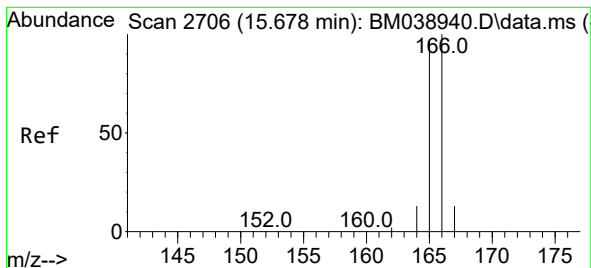
Tgt Ion:152 Resp: 198613
Ion Ratio Lower Upper
152 100
151 19.9 15.6 23.4
153 15.1 10.6 15.8



#11
Acenaphthene
Concen: 33.268 ng/ul
RT: 14.697 min Scan# 2494
Delta R.T. 0.004 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Tgt Ion:153 Resp: 2055597
Ion Ratio Lower Upper
153 100
152 47.4 44.2 66.2
154 92.3 70.6 105.8





#12

Fluorene

Concen: 2.699 ng/ul

RT: 15.678 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038950.D

Acq: 09 Mar 2023 17:57

Instrument :

BNA_M

ClientSampleId :

DCAD8

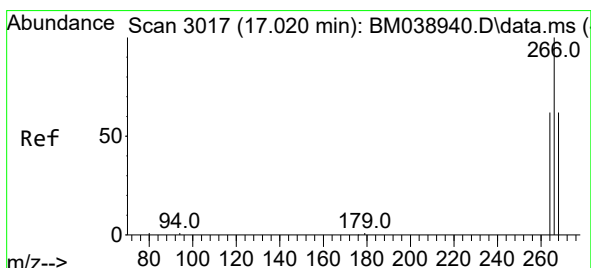
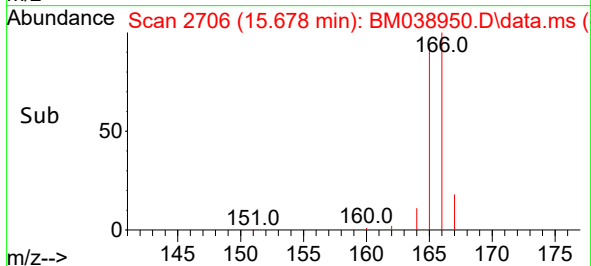
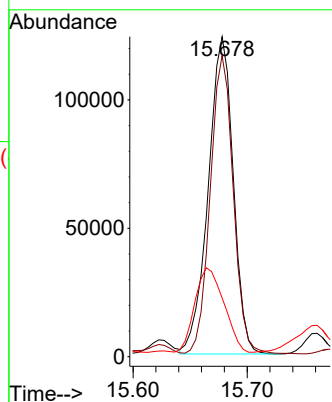
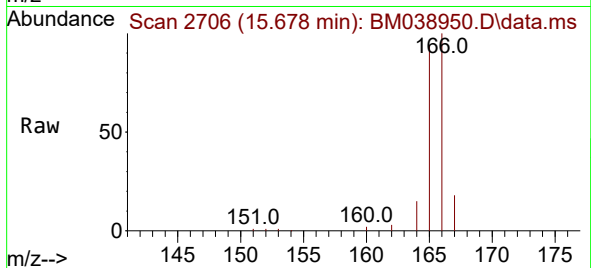
Tgt Ion:166 Resp: 188307

Ion Ratio Lower Upper

166 100

165 94.1 77.8 116.6

167 18.3 11.4 17.2#



#14

Pentachlorophenol

Concen: 63.043 ng/ul

RT: 17.024 min Scan# 3018

Delta R.T. 0.004 min

Lab File: BM038950.D

Acq: 09 Mar 2023 17:57

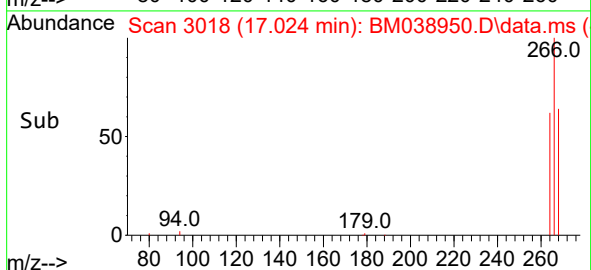
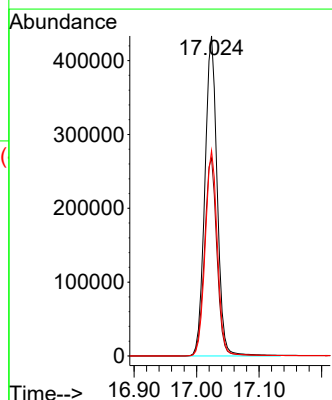
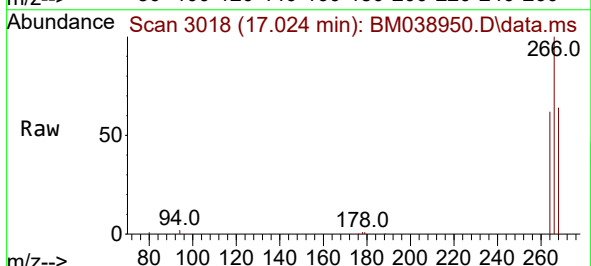
Tgt Ion:266 Resp: 589928

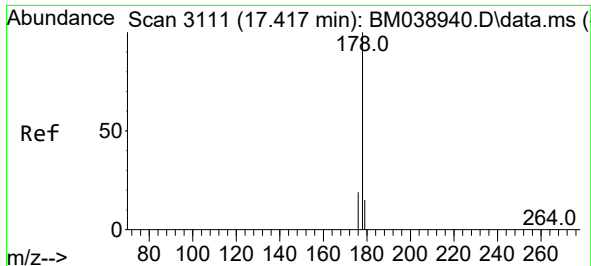
Ion Ratio Lower Upper

266 100

264 62.6 50.2 75.2

268 64.1 50.2 75.4

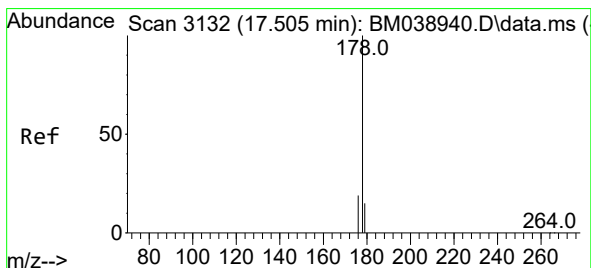
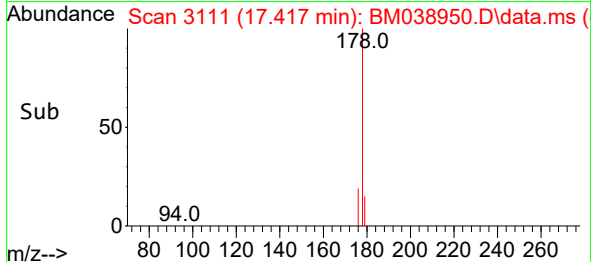
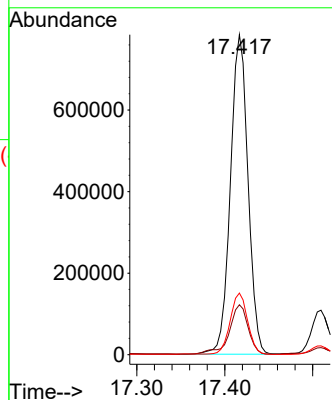
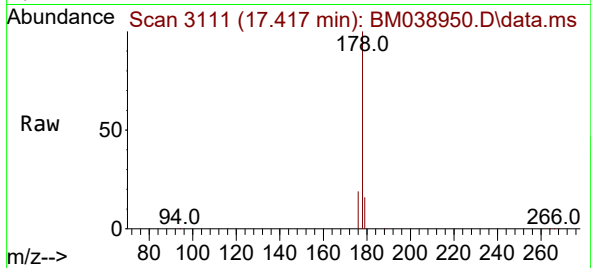




#15
Phenanthrene
Concen: 10.579 ng/ul
RT: 17.417 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

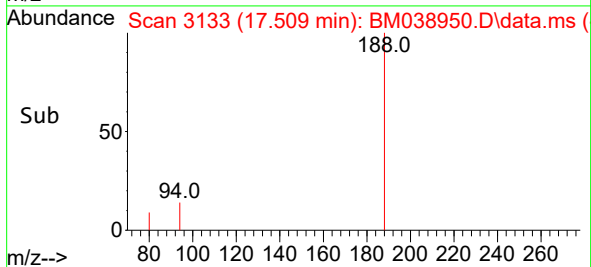
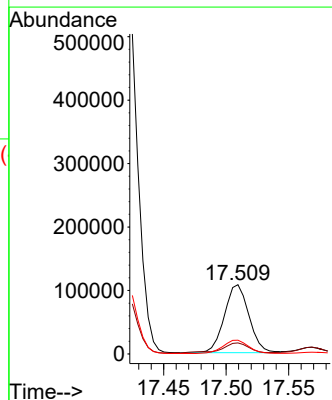
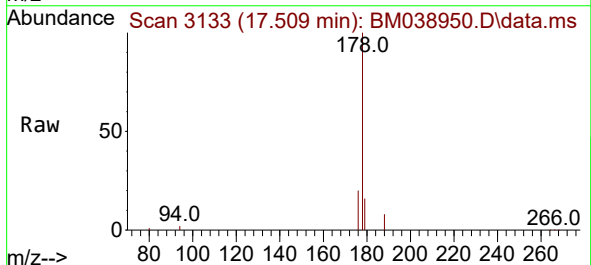
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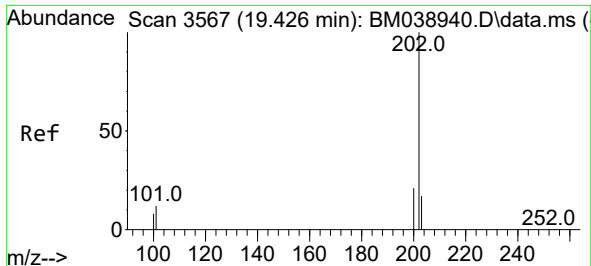
Tgt Ion:178 Resp: 1087483
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.2 15.9 23.9



#16
Anthracene
Concen: 1.722 ng/ul
RT: 17.509 min Scan# 3133
Delta R.T. 0.004 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Tgt Ion:178 Resp: 145787
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.8 15.4 23.2

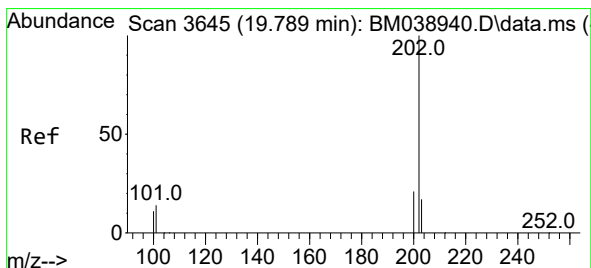
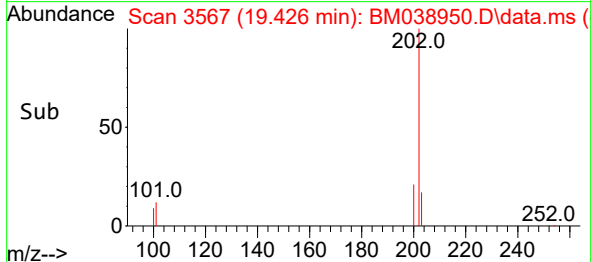
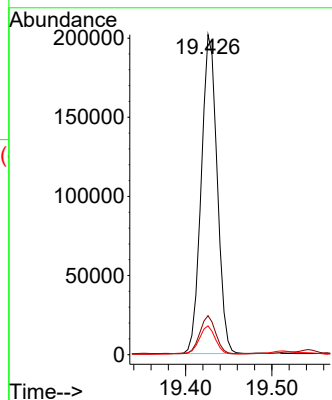
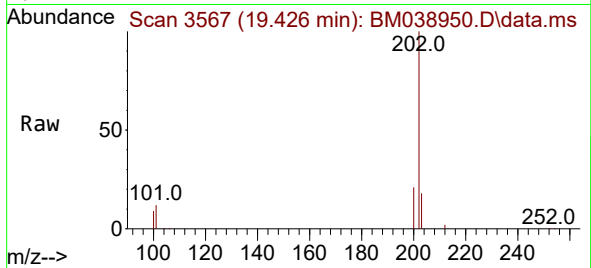




#19
Fluoranthene
Concen: 2.568 ng/ul
RT: 19.426 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

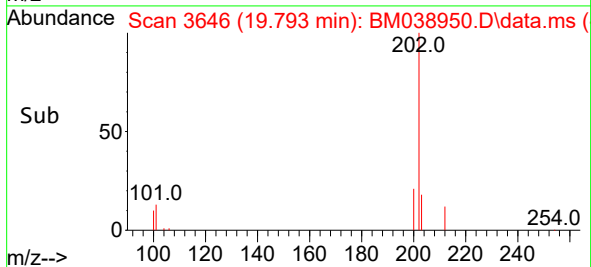
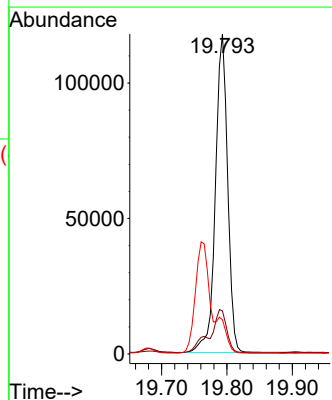
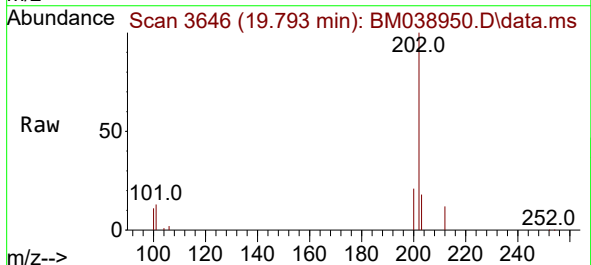
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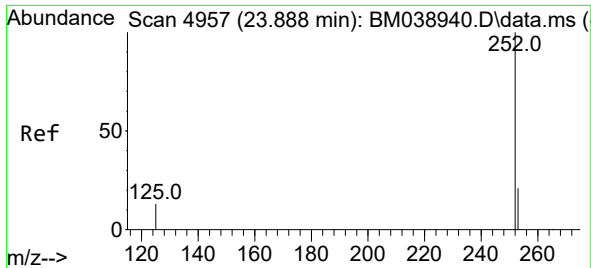
Tgt Ion:202 Resp: 258036
Ion Ratio Lower Upper
202 100
101 12.2 8.9 13.3
100 9.0 6.8 10.2



#20
Pyrene
Concen: 1.480 ng/ul
RT: 19.793 min Scan# 3646
Delta R.T. 0.004 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

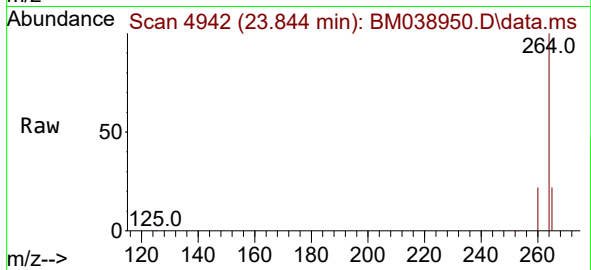
Tgt Ion:202 Resp: 152699
Ion Ratio Lower Upper
202 100
101 13.5 11.2 16.8
100 10.7 9.0 13.6





#26
Benzo(a)pyrene
Concen: 0.128 ng/ul
RT: 23.844 min Scan# 4957
Delta R.T. -0.044 min
Lab File: BM038950.D
Acq: 09 Mar 2023 17:57

Instrument :
BNA_M
ClientSampleId :
DCAD8



Tgt Ion:252 Resp: 9028
Ion Ratio Lower Upper
252 100
253 42.9 20.3 30.5#
125 38.9 14.0 21.0#

