

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038947.D
 Acq On : 09 Mar 2023 16:03
 Operator : CG/JU
 Sample : 01784-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAD6

Quant Time: Mar 09 18:13:45 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)

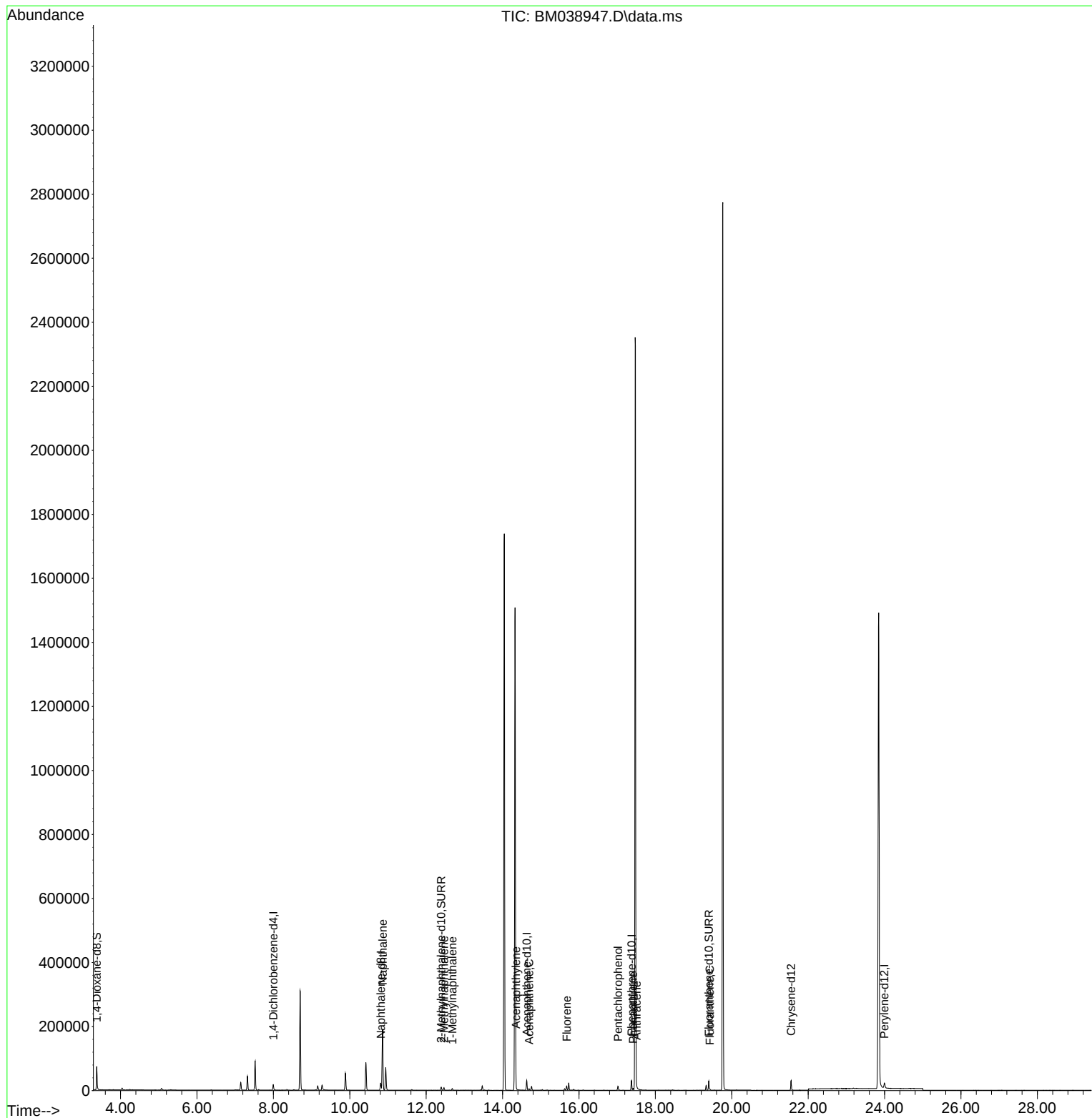
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.999	152	8436	0.400 ng/ul	0.00
4) Naphthalene-d8	10.811	136	29457	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.633	164	16658	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.374	188	34966	0.400 ng/ul	0.00
17) Chrysene-d12	21.553	240	28108	0.400 ng/ul	0.00
23) Perylene-d12	23.996	264	23522	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.375	96	45654	4.783 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	12559	0.352 ng/ul	0.00
18) Fluoranthene-d10	19.398	212	29337	0.438 ng/ul	0.00
Target Compounds					
					Qvalue
5) Naphthalene	10.861	128	257553	3.657 ng/ul	99
7) 2-Methylnaphthalene	12.466	142	5320	0.124 ng/ul	100
8) 1-Methylnaphthalene	12.686	142	3419	0.076 ng/ul	100
10) Acenaphthylene	14.350	152	3562	0.059 ng/ul#	89
11) Acenaphthene	14.693	153	2667	0.054 ng/ul	98
12) Fluorene	15.678	166	8745	0.155 ng/ul#	97
14) Pentachlorophenol	17.020	266	8093	0.962 ng/ul	99
15) Phenanthrene	17.417	178	6242	0.068 ng/ul	96
16) Anthracene	17.510	178	2474	0.033 ng/ul#	85
19) Fluoranthene	19.426	202	2410	0.025 ng/ul#	81

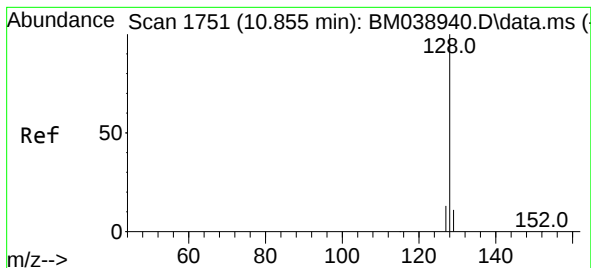
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 3.657 ng/ul

RT: 10.861 min Scan# 1752

Delta R.T. 0.005 min

Lab File: BM038947.D

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ClientSampleId :

DCAD6

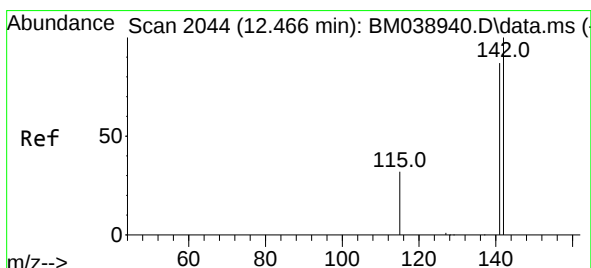
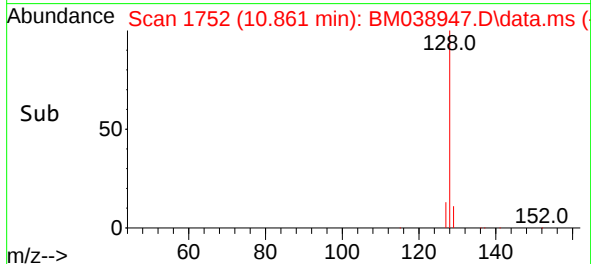
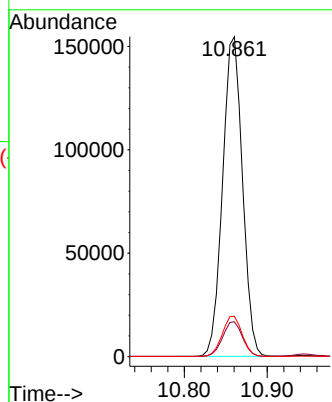
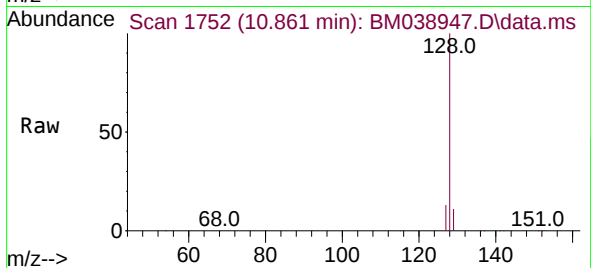
Tgt Ion:128 Resp: 257553

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

127 12.6 10.3 15.5



#7

2-Methylnaphthalene

Concen: 0.124 ng/ul

RT: 12.466 min Scan# 2044

Delta R.T. -0.000 min

Lab File: BM038947.D

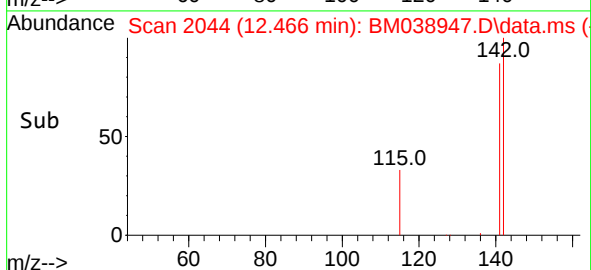
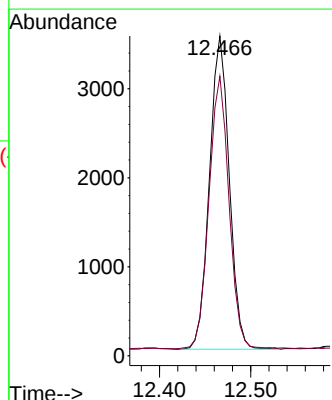
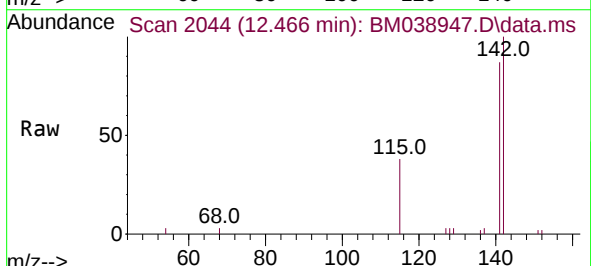
Acq: 09 Mar 2023 16:03

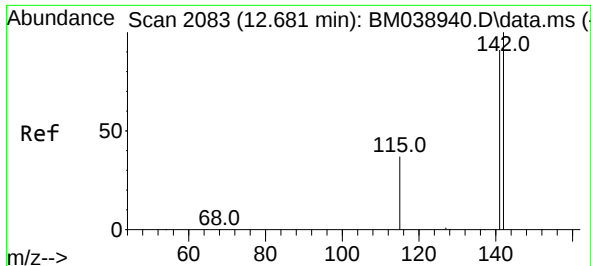
Tgt Ion:142 Resp: 5320

Ion Ratio Lower Upper

142 100

141 87.8 69.9 104.9

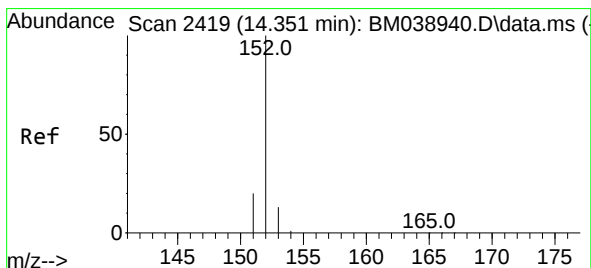
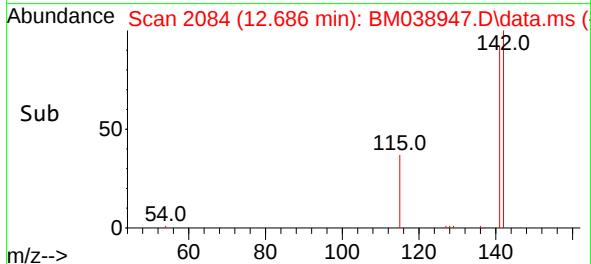
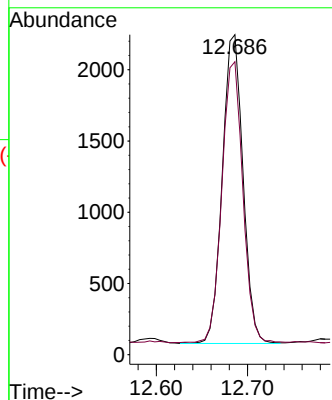
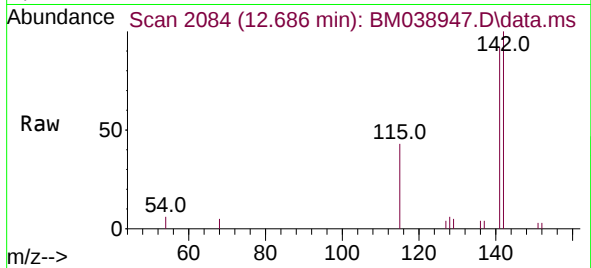




#8
1-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.686 min Scan# 2084
Delta R.T. 0.005 min
Lab File: BM038947.D
Acq: 09 Mar 2023 16:03

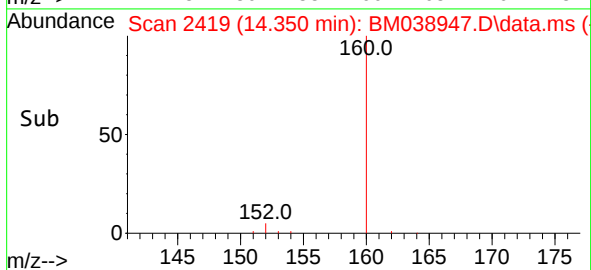
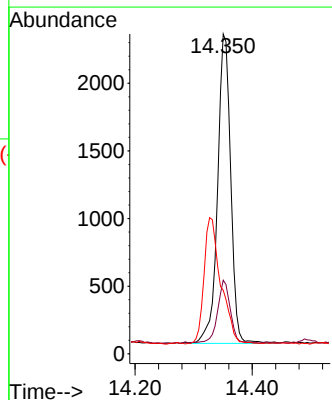
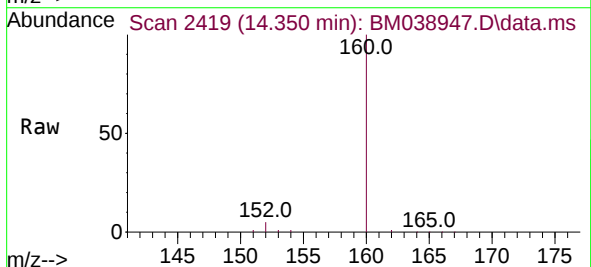
Instrument :
BNA_M
ClientSampleId :
DCAD6

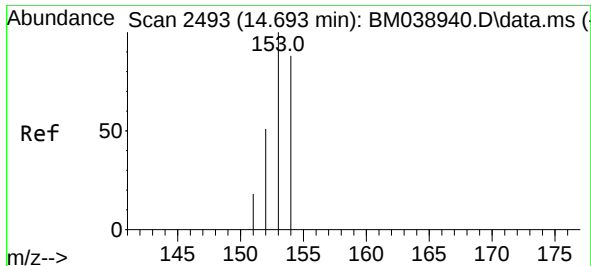
Tgt Ion:142 Resp: 3419
Ion Ratio Lower Upper
142 100
141 91.8 73.5 110.3



#10
Acenaphthylene
Concen: 0.059 ng/ul
RT: 14.350 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038947.D
Acq: 09 Mar 2023 16:03

Tgt Ion:152 Resp: 3562
Ion Ratio Lower Upper
152 100
151 23.0 15.6 23.4
153 19.9 10.6 15.8#

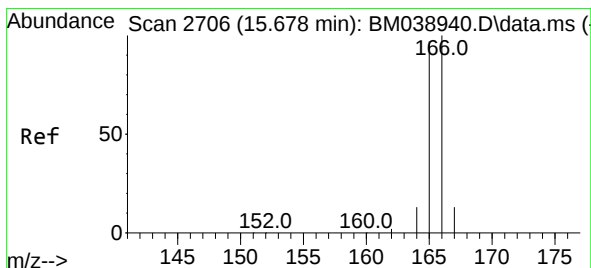
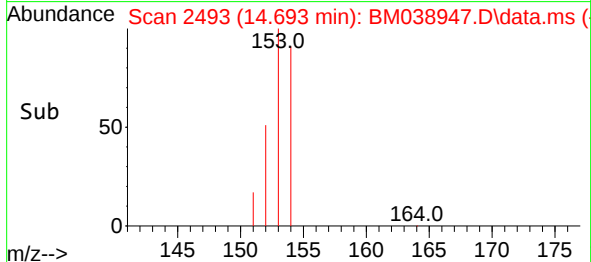
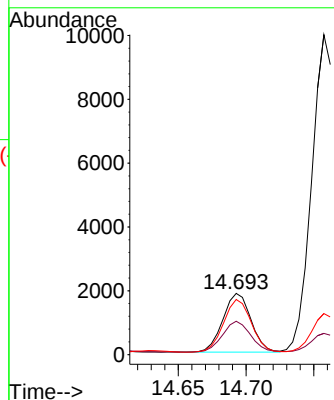
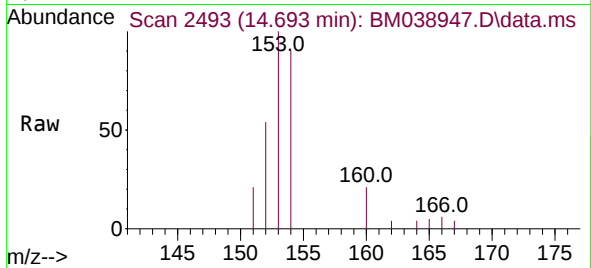




#11
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.693 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BM038947.D
Acq: 09 Mar 2023 16:03

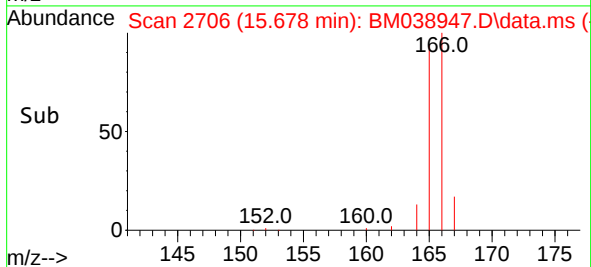
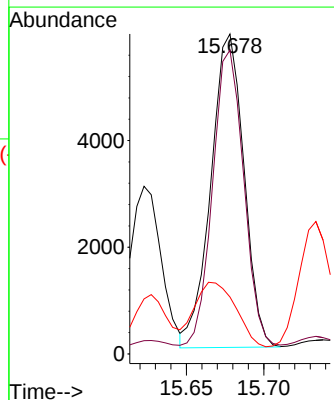
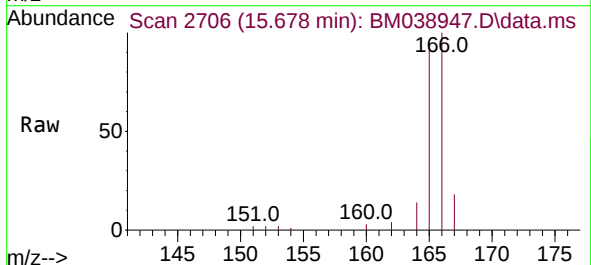
Instrument :
BNA_M
ClientSampleId :
DCAD6

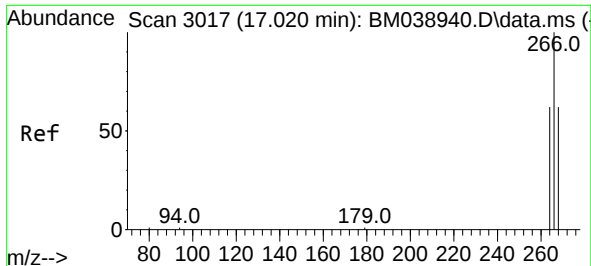
Tgt Ion:153 Resp: 2667
Ion Ratio Lower Upper
153 100
152 54.4 44.2 66.2
154 90.0 70.6 105.8



#12
Fluorene
Concen: 0.155 ng/ul
RT: 15.678 min Scan# 2706
Delta R.T. -0.000 min
Lab File: BM038947.D
Acq: 09 Mar 2023 16:03

Tgt Ion:166 Resp: 8745
Ion Ratio Lower Upper
166 100
165 94.9 77.8 116.6
167 17.8 11.4 17.2#

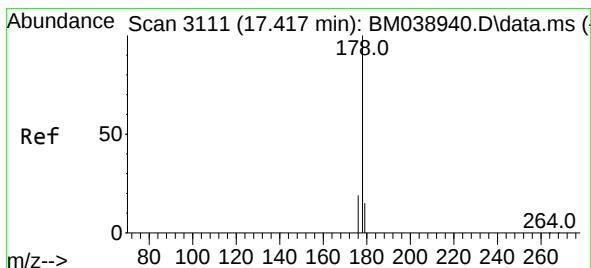
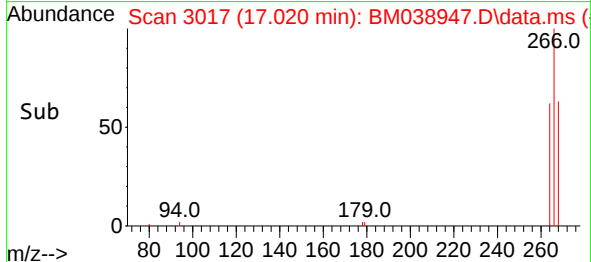
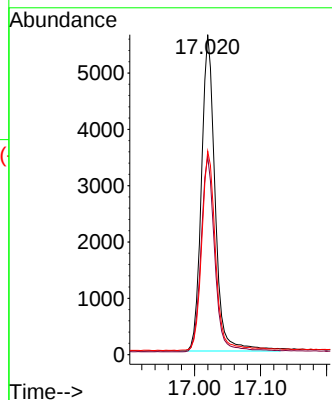
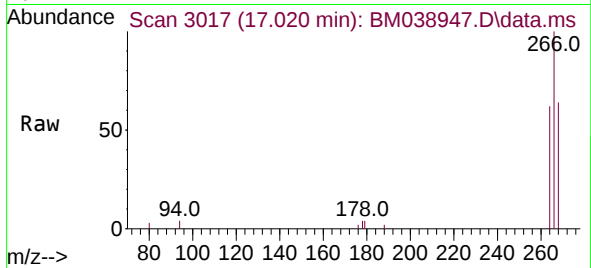




#14
Pentachlorophenol
Concen: 0.962 ng/ul
RT: 17.020 min Scan# 3017
Delta R.T. -0.000 min
Lab File: BM038947.D
Acq: 09 Mar 2023 16:03

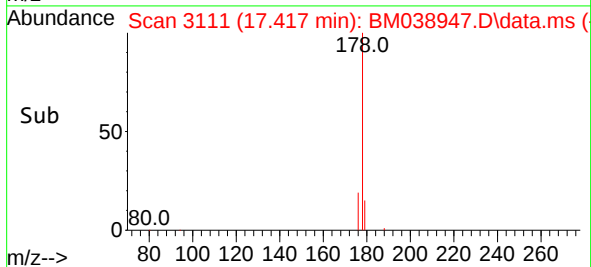
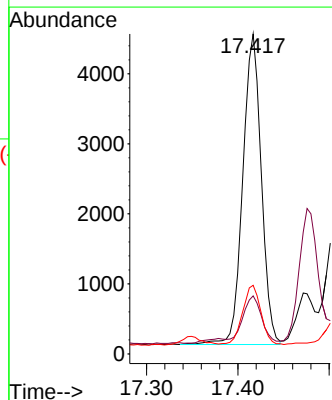
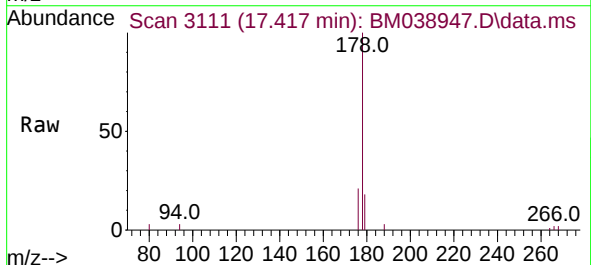
Instrument :
BNA_M
ClientSampleId :
DCAD6

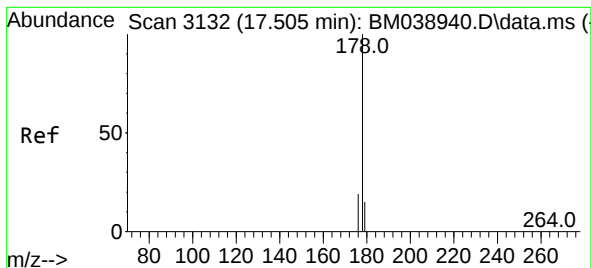
Tgt Ion:266 Resp: 8093
Ion Ratio Lower Upper
266 100
264 62.6 50.2 75.2
268 64.4 50.2 75.4



#15
Phenanthrene
Concen: 0.068 ng/ul
RT: 17.417 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM038947.D
Acq: 09 Mar 2023 16:03

Tgt Ion:178 Resp: 6242
Ion Ratio Lower Upper
178 100
179 18.1 12.7 19.1
176 21.4 15.9 23.9





#16

Anthracene

Concen: 0.033 ng/ul

RT: 17.510 min Scan# 3133

Delta R.T. 0.004 min

Lab File: BM038947.D

Acq: 09 Mar 2023 16:03

Instrument :

BNA_M

ClientSampleId :

DCAD6

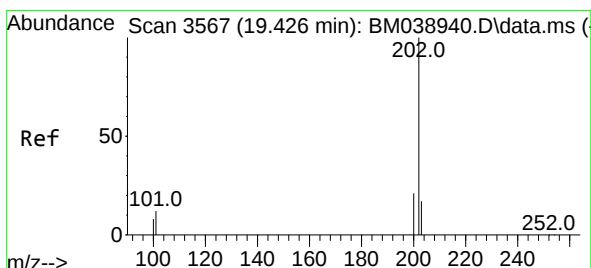
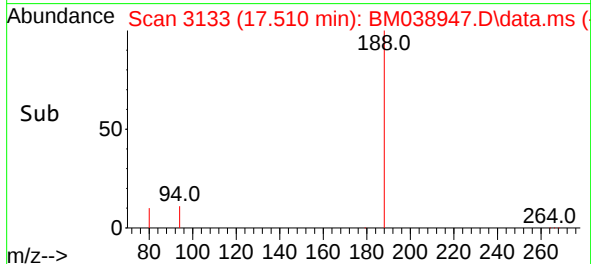
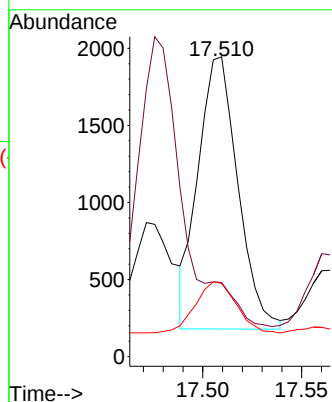
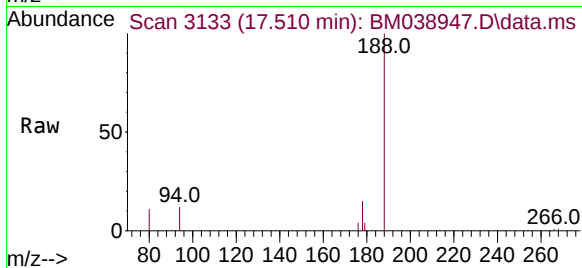
Tgt Ion:178 Resp: 2474

Ion Ratio Lower Upper

178 100

179 24.7 13.0 19.6#

176 24.4 15.4 23.2#



#19

Fluoranthene

Concen: 0.025 ng/ul

RT: 19.426 min Scan# 3567

Delta R.T. -0.000 min

Lab File: BM038947.D

Acq: 09 Mar 2023 16:03

Tgt Ion:202 Resp: 2410

Ion Ratio Lower Upper

202 100

101 19.5 8.9 13.3#

100 14.0 6.8 10.2#

