

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042074.D
 Acq On : 26 Sep 2023 17:29
 Operator : MA/JU
 Sample : 04429-11DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBM3DL

Quant Time: Sep 27 04:26:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

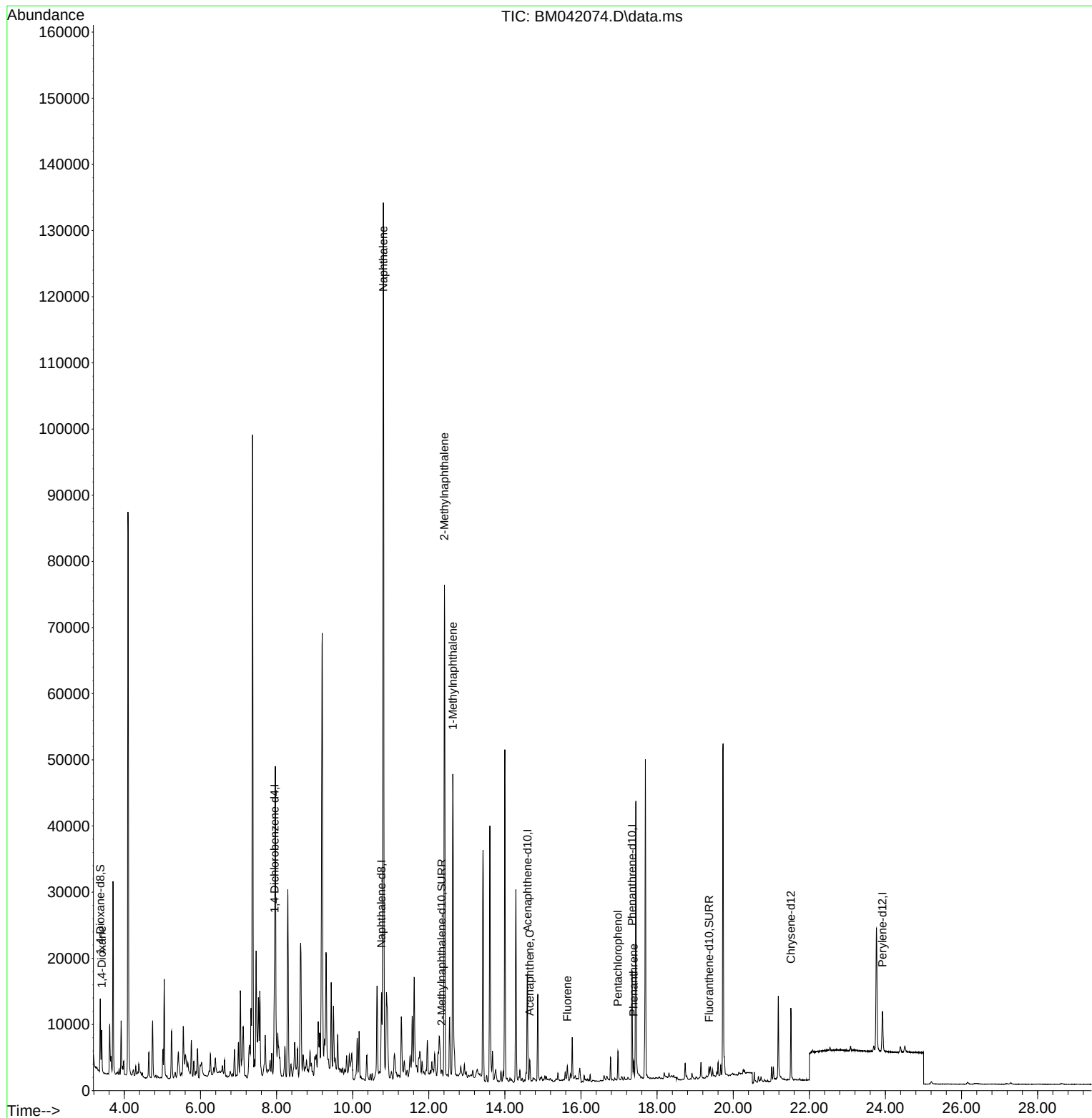
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	6194	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	16202	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.592	164	8330	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	17185	0.400	ng/ul	-0.01
17) Chrysene-d12	21.516	240	8631	0.400	ng/ul	0.00
23) Perylene-d12	23.924	264	8272	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	6005	0.711	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	633	0.031	ng/ul	-0.01
18) Fluoranthene-d10	19.366	212	1082	0.030	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	3624	0.408	ng/ul	96
5) Naphthalene	10.807	128	161059	2.967	ng/ul	98
7) 2-Methylnaphthalene	12.412	142	50312	1.555	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	32906	1.002	ng/ul	92
11) Acenaphthene	14.652	153	1653	0.039	ng/ul#	91
12) Fluorene	15.642	166	1236	0.026	ng/ul#	89
14) Pentachlorophenol	16.970	266	2980	0.328	ng/ul	100
15) Phenanthrene	17.384	178	2969	0.037	ng/ul#	85

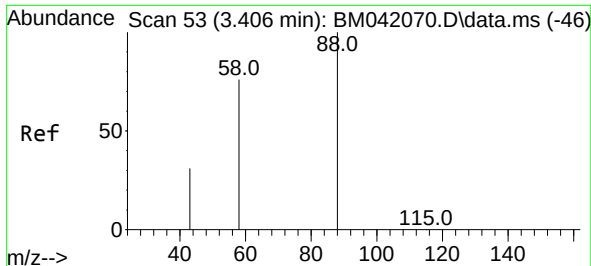
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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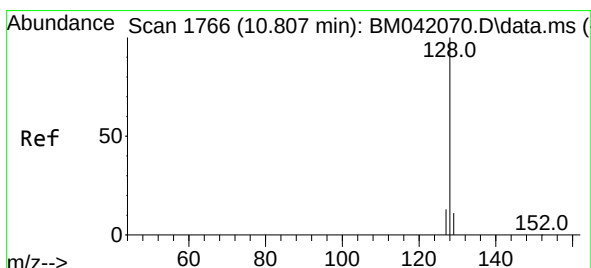
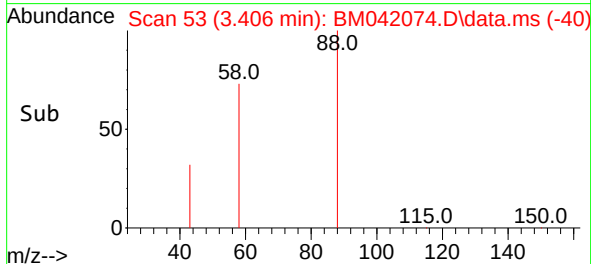
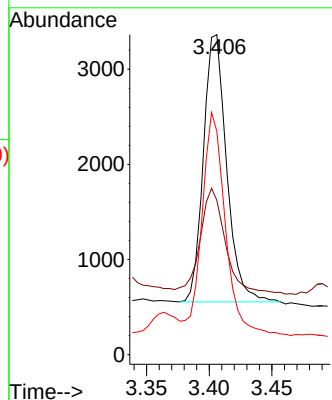
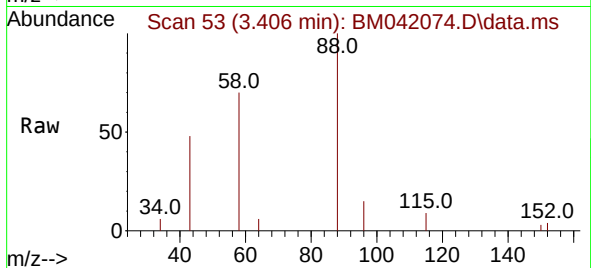




#2
1,4-Dioxane
Concen: 0.408 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042074.D
Acq: 26 Sep 2023 17:29

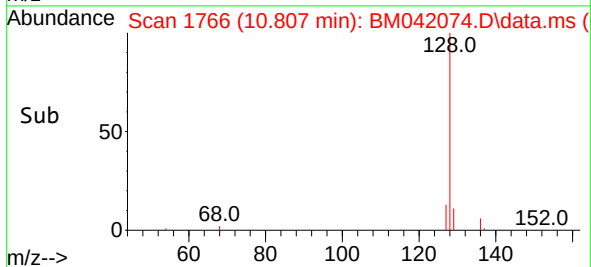
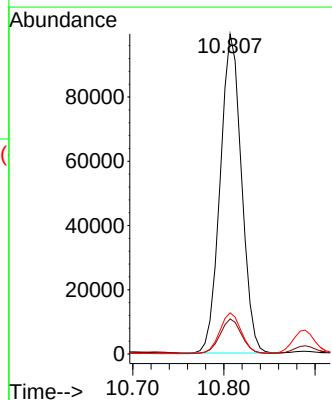
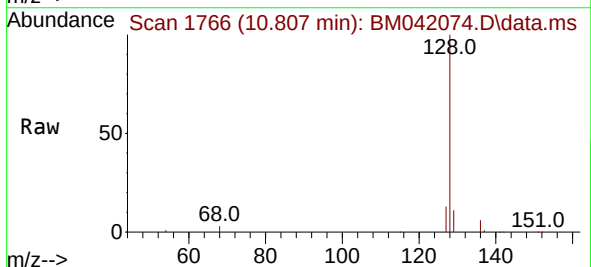
Instrument :
BNA_M
ClientSampleId :
BBBM3DL

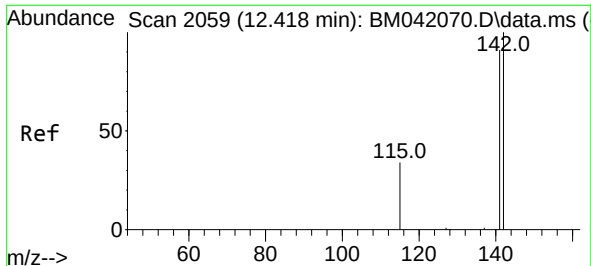
Tgt Ion: 88 Resp: 3624
Ion Ratio Lower Upper
88 100
43 48.2 42.9 64.3
58 69.8 56.4 84.6



#5
Naphthalene
Concen: 2.967 ng/ul
RT: 10.807 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BM042074.D
Acq: 26 Sep 2023 17:29

Tgt Ion: 128 Resp: 161059
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 12.9 10.8 16.2

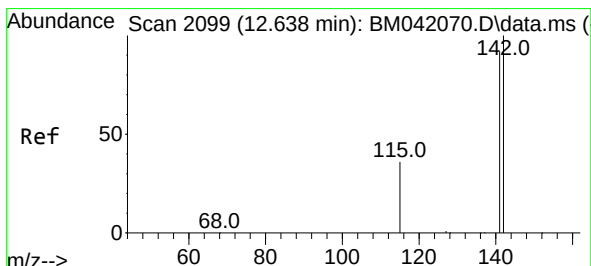
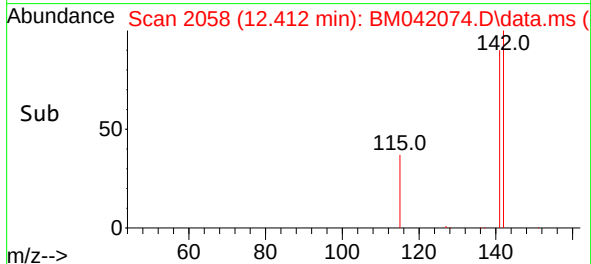
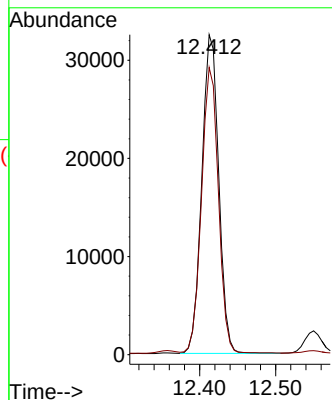
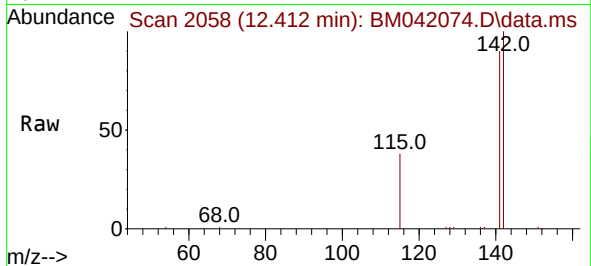




#7
2-Methylnaphthalene
Concen: 1.555 ng/ul
RT: 12.412 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BM042074.D
Acq: 26 Sep 2023 17:29

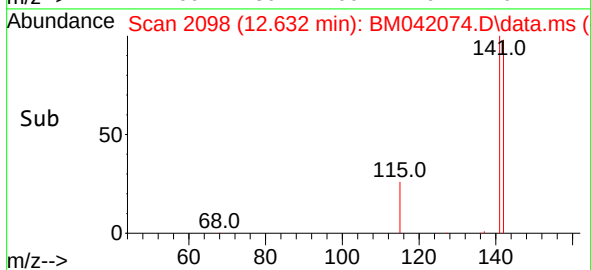
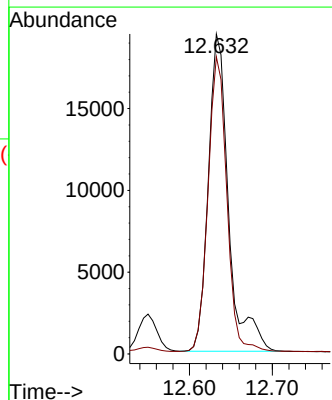
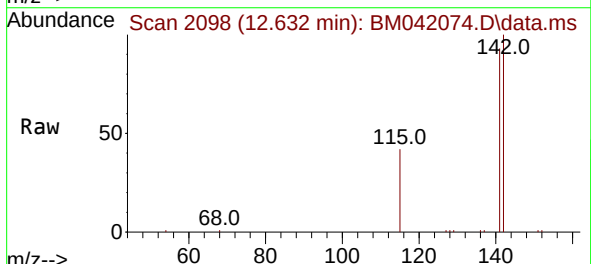
Instrument :
BNA_M
ClientSampleId :
BBBM3DL

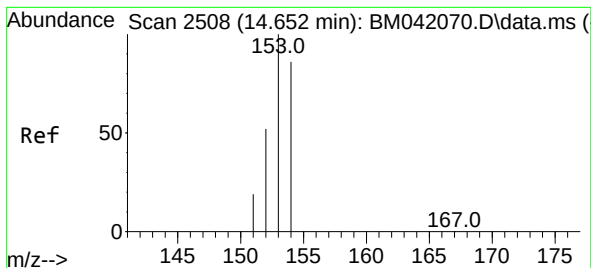
Tgt Ion:142 Resp: 50312
Ion Ratio Lower Upper
142 100
141 89.6 72.1 108.1



#8
1-Methylnaphthalene
Concen: 1.002 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. -0.011 min
Lab File: BM042074.D
Acq: 26 Sep 2023 17:29

Tgt Ion:142 Resp: 32906
Ion Ratio Lower Upper
142 100
141 86.1 75.1 112.7





#11

Acenaphthene

Concen: 0.039 ng/ul

RT: 14.652 min Scan# 2508

Delta R.T. -0.009 min

Lab File: BM042074.D

Acq: 26 Sep 2023 17:29

Instrument :

BNA_M

ClientSampleId :

BBBM3DL

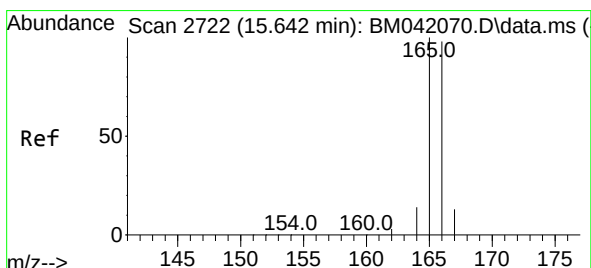
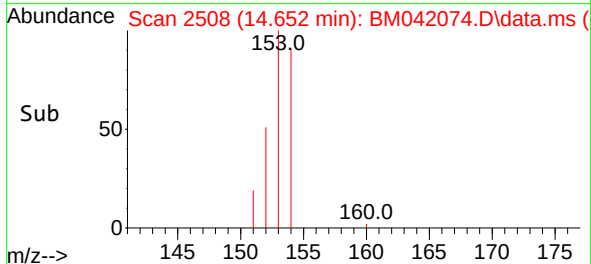
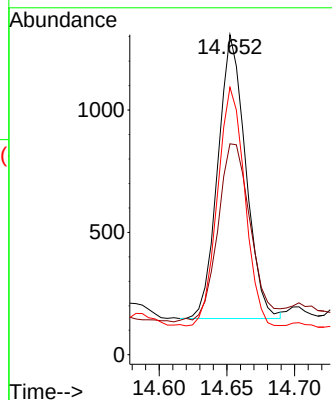
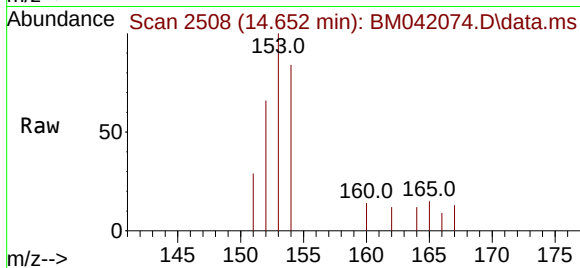
Tgt Ion:153 Resp: 1653

Ion Ratio Lower Upper

153 100

152 65.9 41.8 62.8#

154 83.6 69.0 103.6



#12

Fluorene

Concen: 0.026 ng/ul

RT: 15.642 min Scan# 2722

Delta R.T. -0.009 min

Lab File: BM042074.D

Acq: 26 Sep 2023 17:29

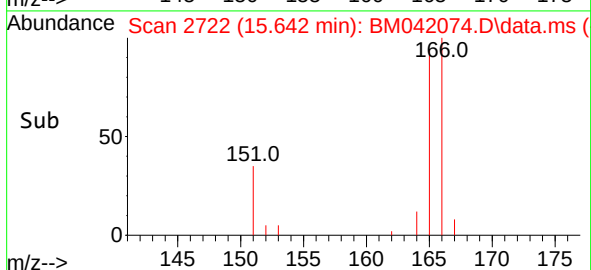
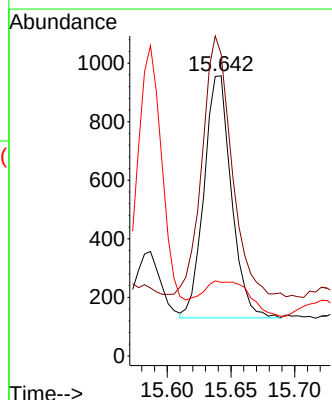
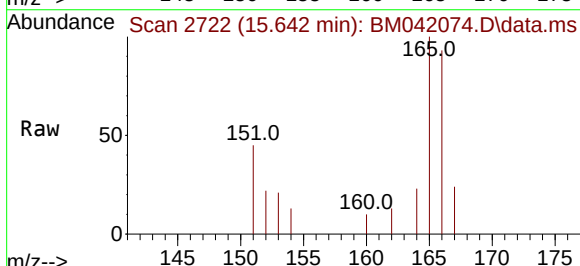
Tgt Ion:166 Resp: 1236

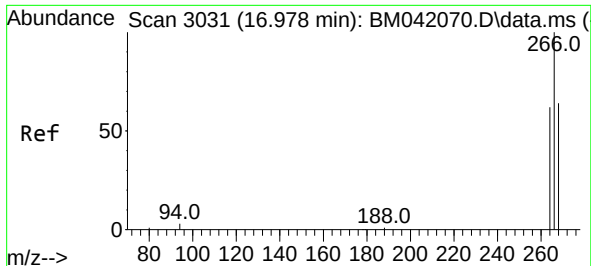
Ion Ratio Lower Upper

166 100

165 107.7 79.8 119.8

167 26.2 11.1 16.7#

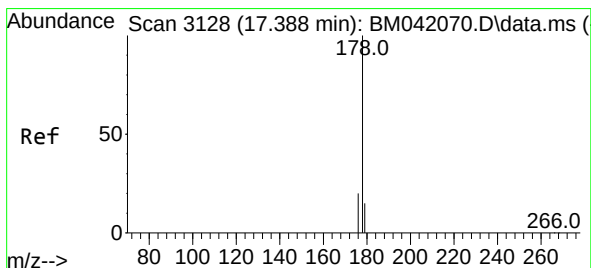
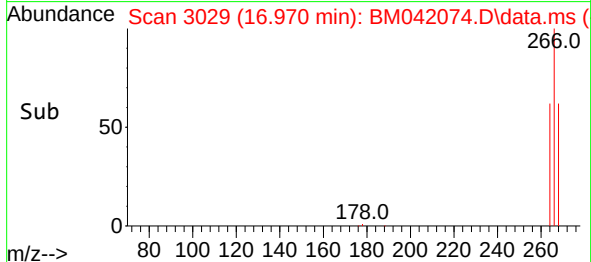
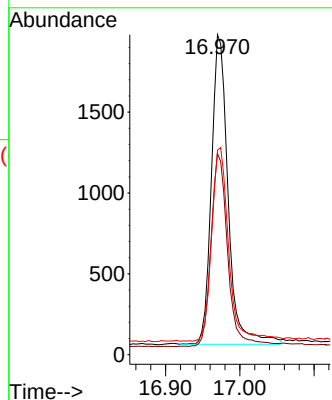
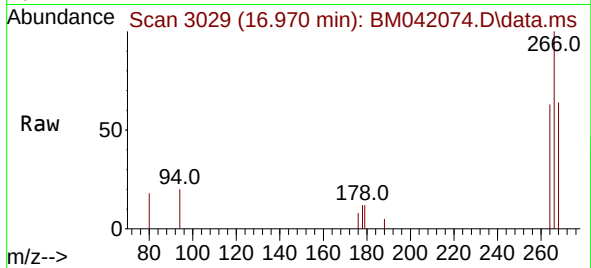




#14
 Pentachlorophenol
 Concen: 0.328 ng/ul
 RT: 16.970 min Scan# 3031
 Delta R.T. -0.012 min
 Lab File: BM042074.D
 Acq: 26 Sep 2023 17:29

Instrument :
 BNA_M
 ClientSampleId :
 BBBM3DL

Tgt Ion:266 Resp: 2980
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.2 75.4
 268 64.1 51.0 76.4



#15
 Phenanthrene
 Concen: 0.037 ng/ul
 RT: 17.384 min Scan# 3127
 Delta R.T. -0.012 min
 Lab File: BM042074.D
 Acq: 26 Sep 2023 17:29

Tgt Ion:178 Resp: 2969
 Ion Ratio Lower Upper
 178 100
 179 24.3 12.7 19.1#
 176 25.9 16.6 24.8#

