

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042970.D
 Acq On : 23 Nov 2023 02:00
 Operator : MA/JU
 Sample : 05268-05DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC3DL

Quant Time: Nov 23 02:33:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 22 10:35:26 2023
 Response via : Initial Calibration

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

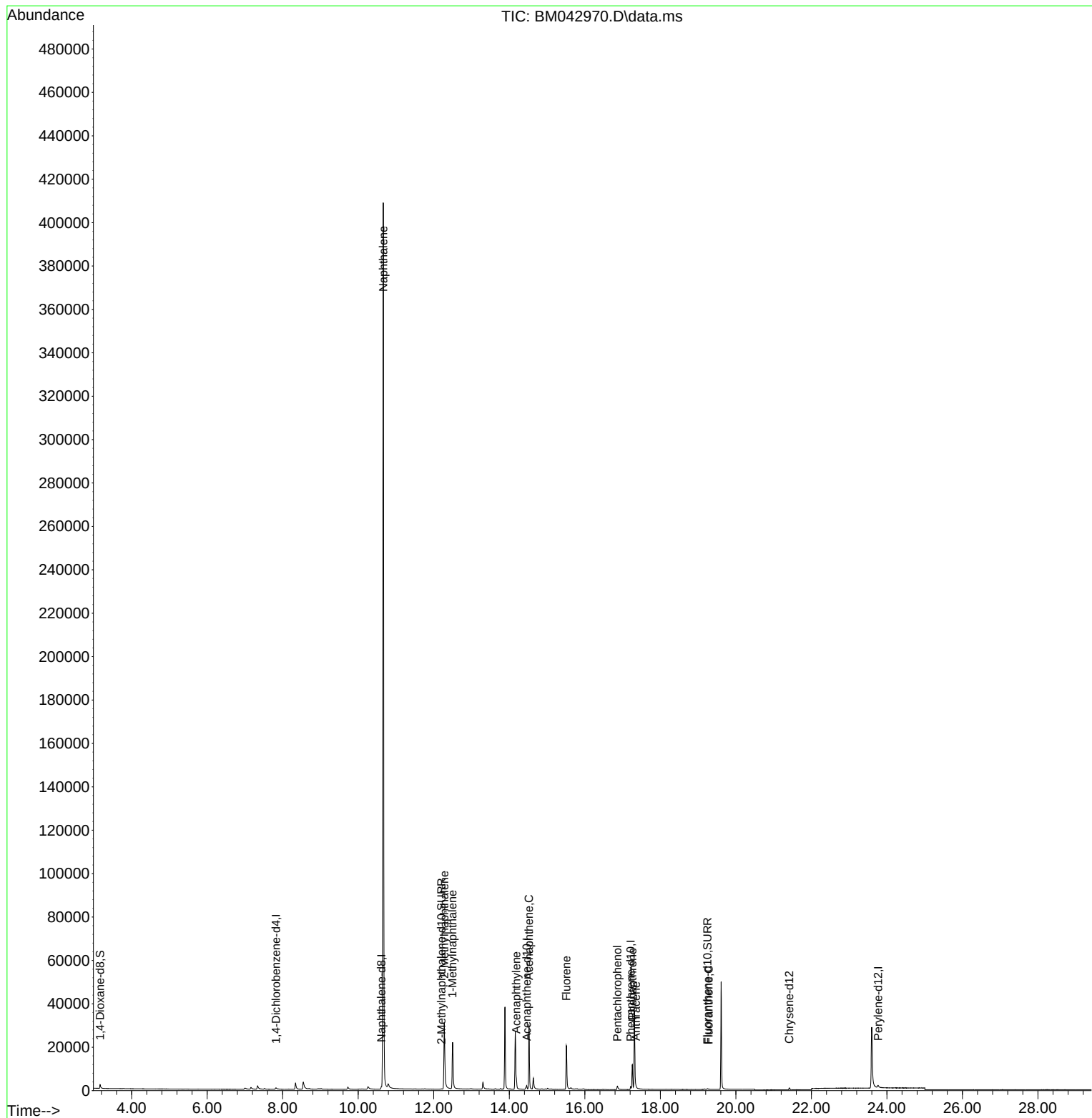
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	646	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.612	136	1576	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.461	164	860	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.218	188	1857	0.400	ng/ul	-0.01
17) Chrysene-d12	21.415	240	1191	0.400	ng/ul	0.00
23) Perylene-d12	23.765	264	2491	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	1114	1.097	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	186	0.094	ng/ul	-0.03
18) Fluoranthene-d10	19.249	212	433	0.112	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.662	128	512814	103.293	ng/ul#	85
7) 2-Methylnaphthalene	12.279	142	24901	8.574	ng/ul	95
8) 1-Methylnaphthalene	12.499	142	15347	5.024	ng/ul	97
10) Acenaphthylene	14.188	152	4499	0.787	ng/ul	98
11) Acenaphthene	14.521	153	17382	4.339	ng/ul	96
12) Fluorene	15.511	166	14844	3.447	ng/ul#	96
14) Pentachlorophenol	16.863	266	1505	1.458	ng/ul	95
15) Phenanthrene	17.260	178	13362	2.048	ng/ul	95
16) Anthracene	17.353	178	587	0.087	ng/ul#	82
19) Fluoranthene	19.281	202	216	0.029	ng/ul#	44

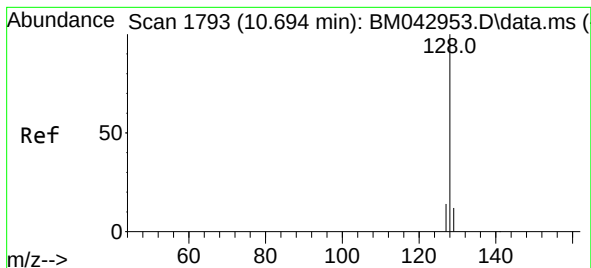
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
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#5

Naphthalene

Concen: 103.293 ng/ul

RT: 10.662 min Scan# 1787

Delta R.T. -0.020 min

Lab File: BM042970.D

Acq: 23 Nov 2023 02:00

Instrument :

BNA_M

ClientSampleId :

DCKC3DL

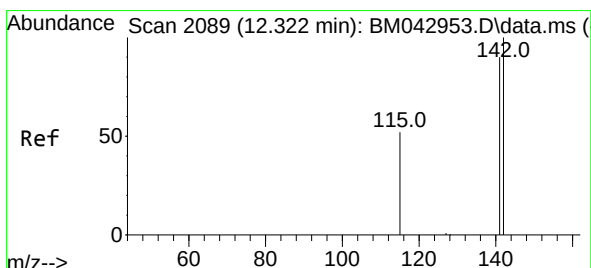
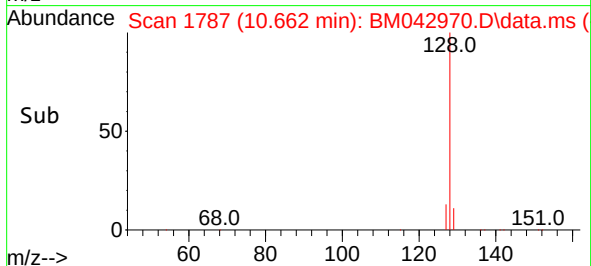
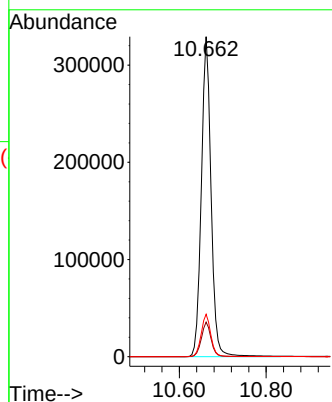
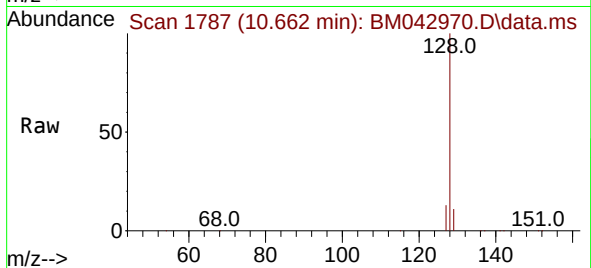
Tgt Ion:128 Resp: 512814

Ion Ratio Lower Upper

128 100

129 10.8 14.2 21.4#

127 13.3 15.8 23.6#



#7

2-Methylnaphthalene

Concen: 8.574 ng/ul

RT: 12.279 min Scan# 2081

Delta R.T. -0.031 min

Lab File: BM042970.D

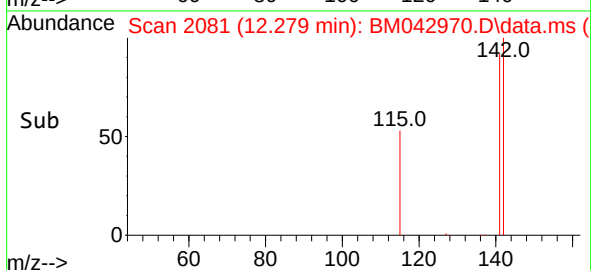
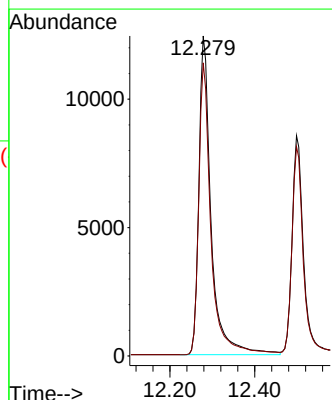
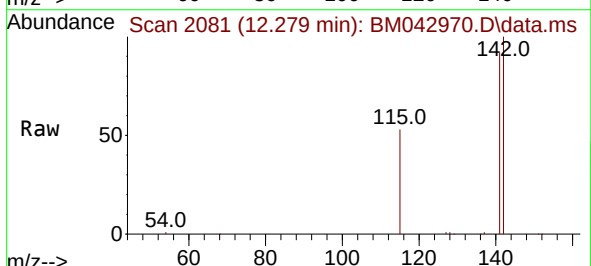
Acq: 23 Nov 2023 02:00

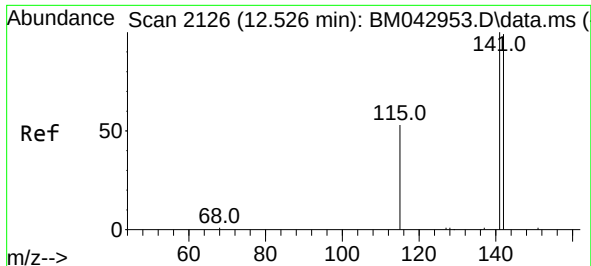
Tgt Ion:142 Resp: 24901

Ion Ratio Lower Upper

142 100

141 91.7 77.2 115.8

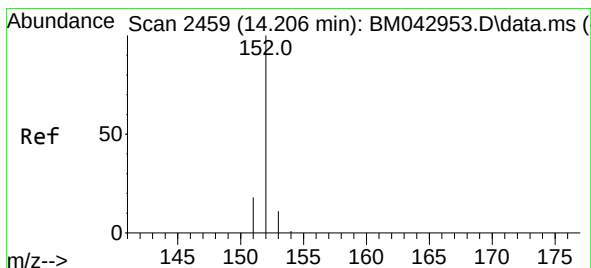
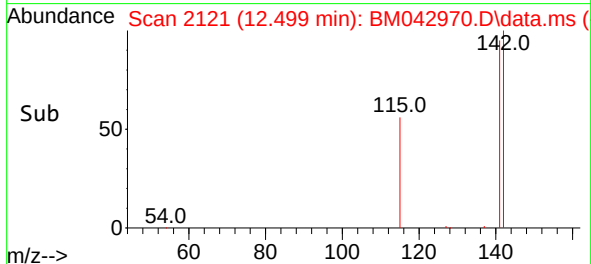
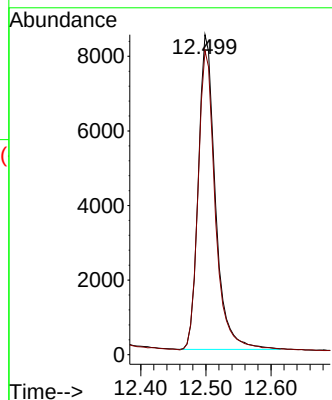
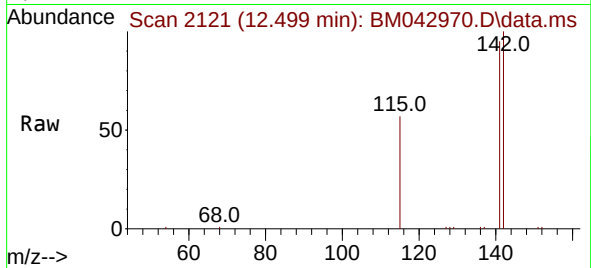




#8
1-Methylnaphthalene
Concen: 5.024 ng/ul
RT: 12.499 min Scan# 2126
Delta R.T. -0.020 min
Lab File: BM042970.D
Acq: 23 Nov 2023 02:00

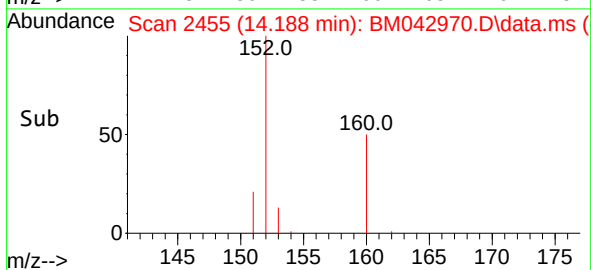
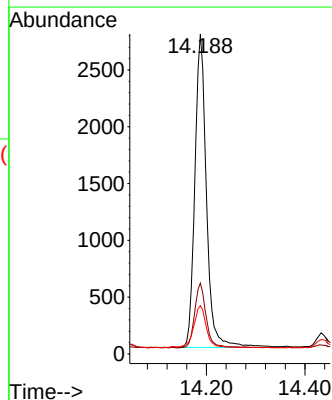
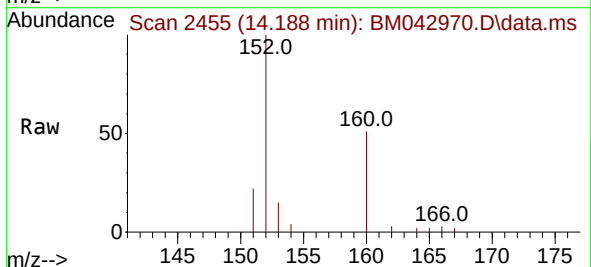
Instrument :
BNA_M
ClientSampleId :
DCKC3DL

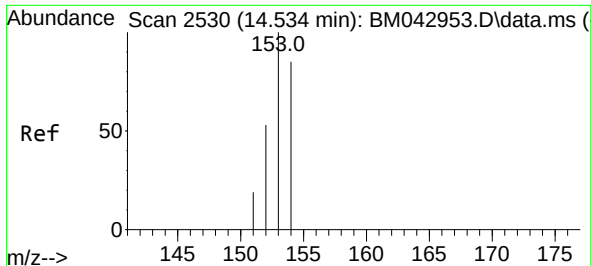
Tgt Ion:142 Resp: 15347
Ion Ratio Lower Upper
142 100
141 95.8 74.6 112.0



#10
Acenaphthylene
Concen: 0.787 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.012 min
Lab File: BM042970.D
Acq: 23 Nov 2023 02:00

Tgt Ion:152 Resp: 4499
Ion Ratio Lower Upper
152 100
151 22.1 18.5 27.7
153 15.1 12.9 19.3

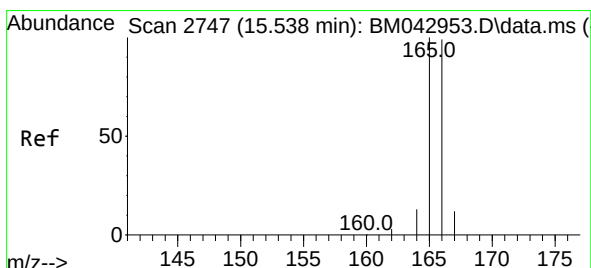
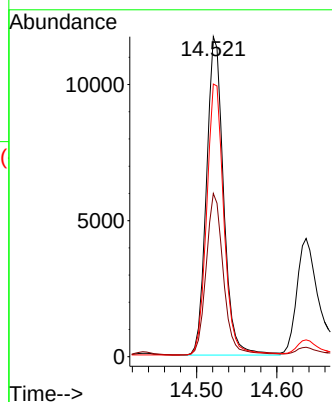
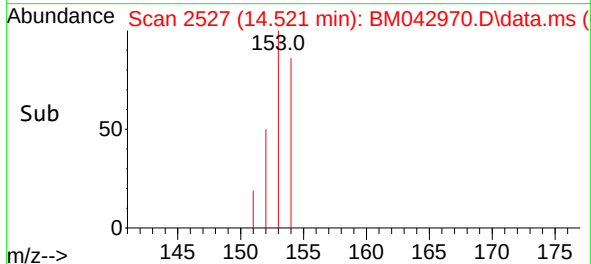
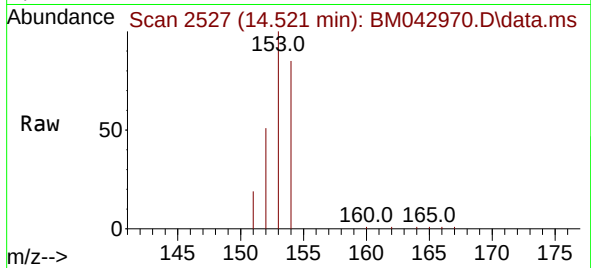




#11
Acenaphthene
Concen: 4.339 ng/ul
RT: 14.521 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042970.D
Acq: 23 Nov 2023 02:00

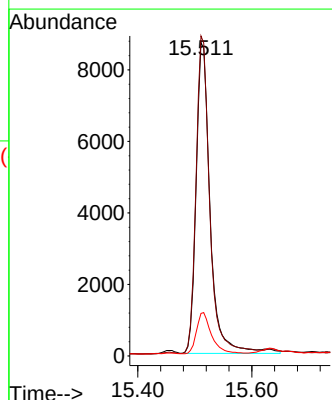
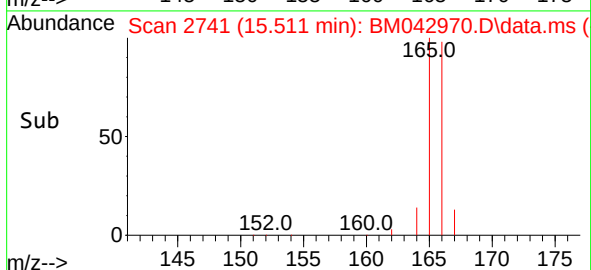
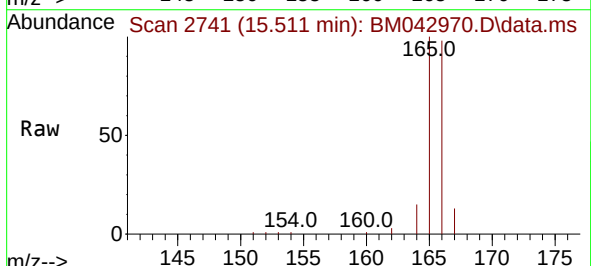
Instrument :
BNA_M
ClientSampleId :
DCKC3DL

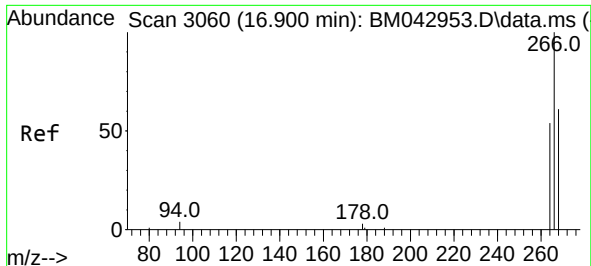
Tgt Ion:153 Resp: 17382
Ion Ratio Lower Upper
153 100
152 51.0 43.3 64.9
154 85.2 70.6 105.8



#12
Fluorene
Concen: 3.447 ng/ul
RT: 15.511 min Scan# 2741
Delta R.T. -0.017 min
Lab File: BM042970.D
Acq: 23 Nov 2023 02:00

Tgt Ion:166 Resp: 14844
Ion Ratio Lower Upper
166 100
165 102.2 84.3 126.5
167 13.6 15.0 22.6#

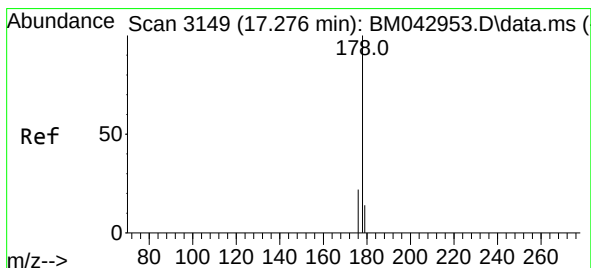
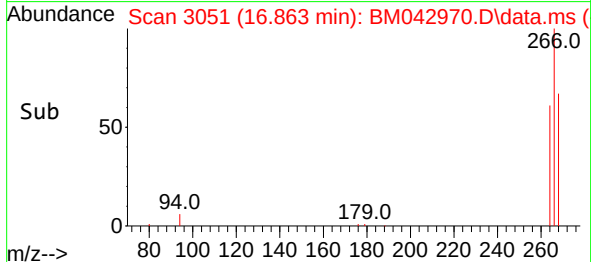
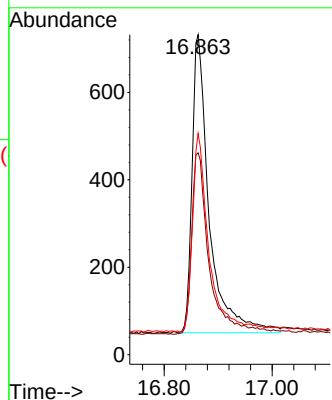
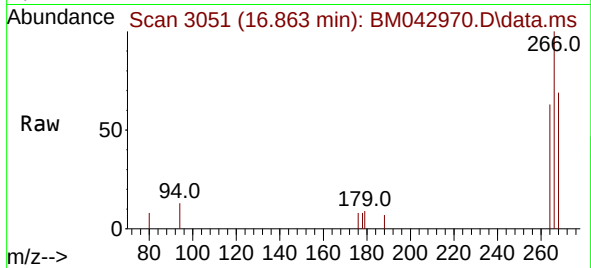




#14
 Pentachlorophenol
 Concen: 1.458 ng/ul
 RT: 16.863 min Scan# 3060
 Delta R.T. -0.028 min
 Lab File: BM042970.D
 Acq: 23 Nov 2023 02:00

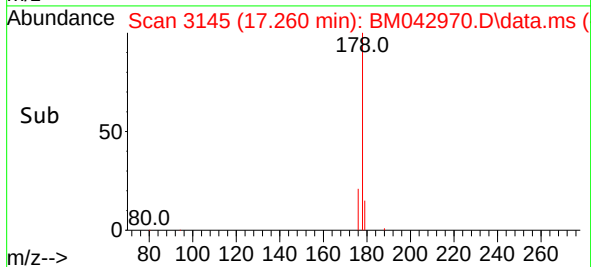
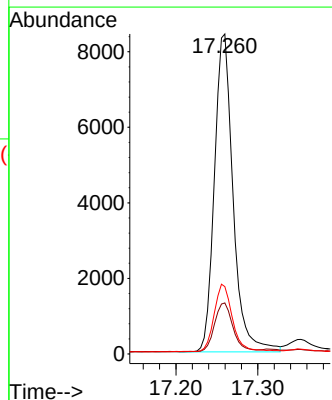
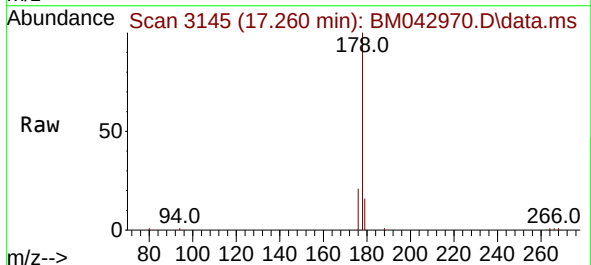
Instrument :
 BNA_M
 ClientSampleId :
 DCKC3DL

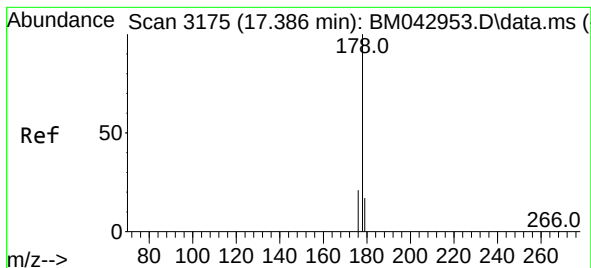
Tgt Ion:266 Resp: 1505
 Ion Ratio Lower Upper
 266 100
 264 63.3 52.2 78.2
 268 66.0 48.0 72.0



#15
 Phenanthrene
 Concen: 2.048 ng/ul
 RT: 17.260 min Scan# 3145
 Delta R.T. -0.011 min
 Lab File: BM042970.D
 Acq: 23 Nov 2023 02:00

Tgt Ion:178 Resp: 13362
 Ion Ratio Lower Upper
 178 100
 179 16.0 14.9 22.3
 176 21.1 18.6 27.8





#16

Anthracene

Concen: 0.087 ng/ul

RT: 17.353 min Scan# 3175

Delta R.T. -0.020 min

Lab File: BM042970.D

Acq: 23 Nov 2023 02:00

Instrument :

BNA_M

ClientSampleId :

DCKC3DL

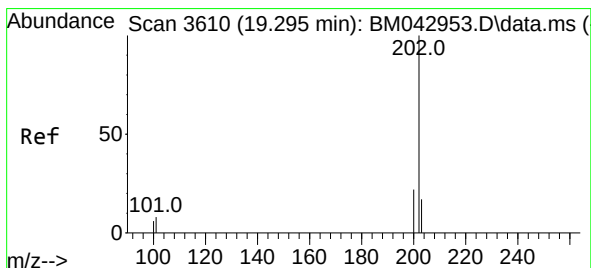
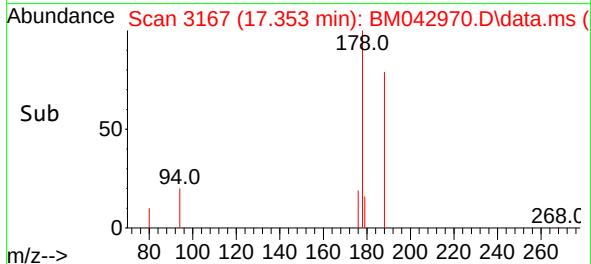
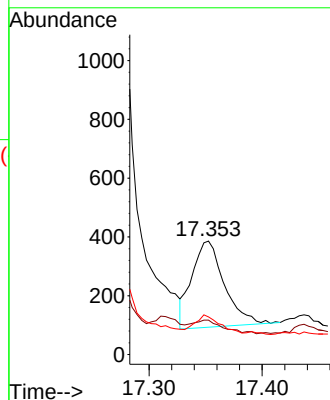
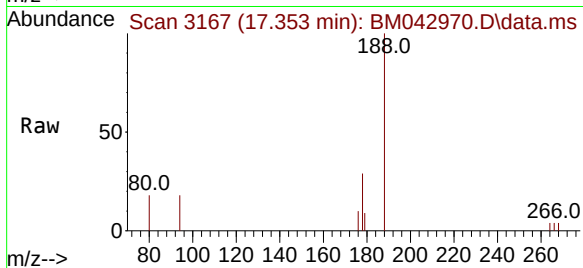
Tgt Ion:178 Resp: 587

Ion Ratio Lower Upper

178 100

179 30.3 16.6 24.8#

176 33.2 20.3 30.5#



#19

Fluoranthene

Concen: 0.029 ng/ul

RT: 19.281 min Scan# 3607

Delta R.T. -0.003 min

Lab File: BM042970.D

Acq: 23 Nov 2023 02:00

Tgt Ion:202 Resp: 216

Ion Ratio Lower Upper

202 100

101 33.8 10.2 15.4#

100 32.3 8.2 12.2#

