

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041579.D
 Acq On : 30 Aug 2023 14:34
 Operator : MA/JU
 Sample : 04134-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCHJ7

Quant Time: Aug 31 02:17:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 30 01:50:06 2023
 Response via : Initial Calibration

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

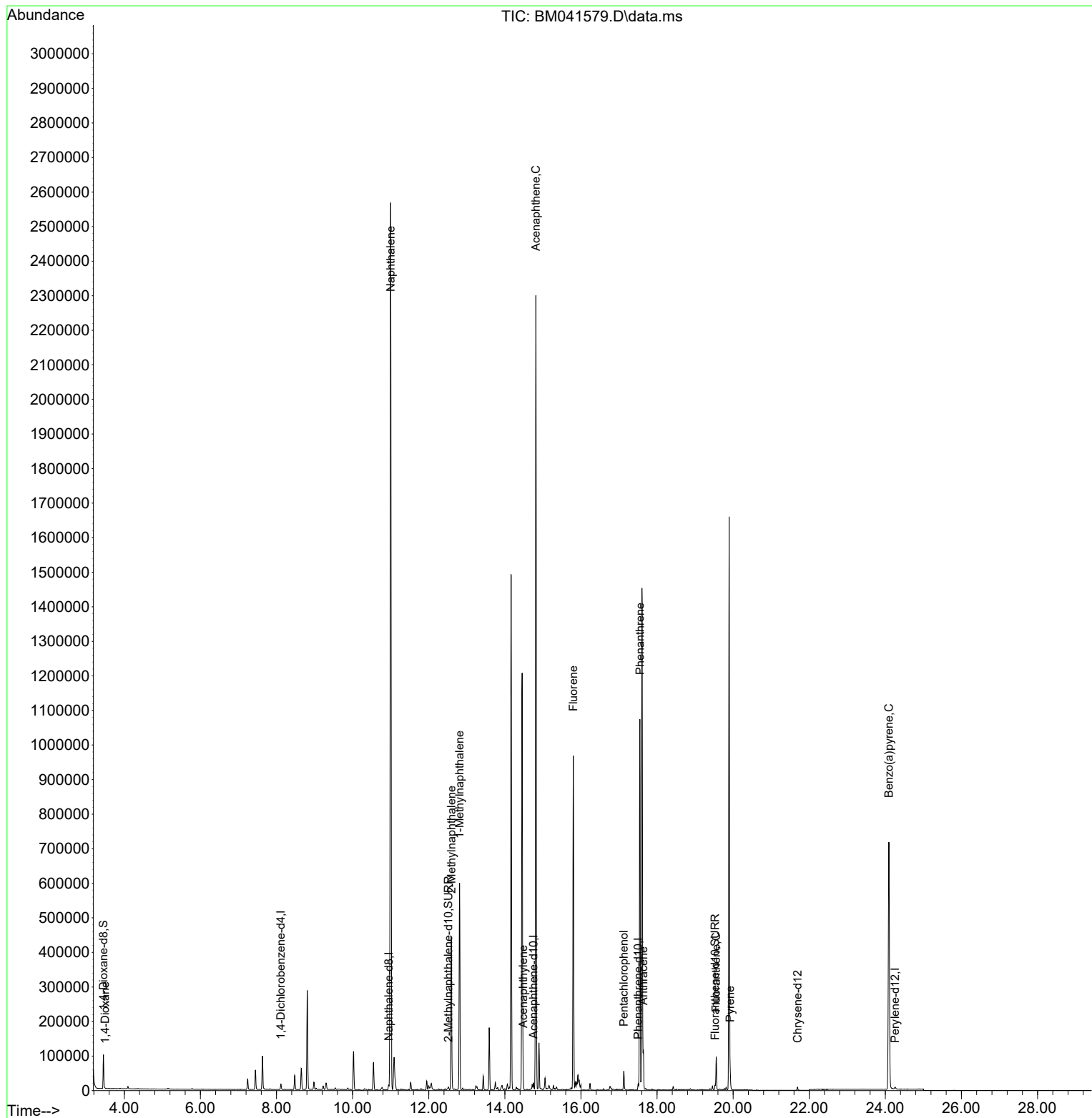
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	7572	0.400	ng/ul	0.00
4) Naphthalene-d8	10.946	136	19023	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.750	164	9769	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.502	188	18811	0.400	ng/ul	0.00
17) Chrysene-d12	21.692	240	6891	0.400	ng/ul	0.00
23) Perylene-d12	24.256	264	8202	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	54432	4.871	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.518	152	8018	0.349	ng/ul	0.00
18) Fluoranthene-d10	19.525	212	12660	0.372	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.495	88	309	0.026	ng/ul#	39
5) Naphthalene	11.001	128	3553480	58.426	ng/ul	99
7) 2-Methylnaphthalene	12.595	142	301710	8.746	ng/ul	100
8) 1-Methylnaphthalene	12.810	142	383197	10.992	ng/ul	99
10) Acenaphthylene	14.482	152	40177	0.590	ng/ul	97
11) Acenaphthene	14.815	153	1285590	27.371	ng/ul	97
12) Fluorene	15.800	166	578486	11.315	ng/ul	96
14) Pentachlorophenol	17.127	266	34797	4.814	ng/ul	99
15) Phenanthrene	17.549	178	1120923	13.647	ng/ul	100
16) Anthracene	17.638	178	109192	1.530	ng/ul	98
19) Fluoranthene	19.553	202	75906	0.840	ng/ul	99
20) Pyrene	19.920	202	45975	0.506	ng/ul#	94
26) Benzo(a)pyrene	24.092	252	7671	0.113	ng/ul#	62

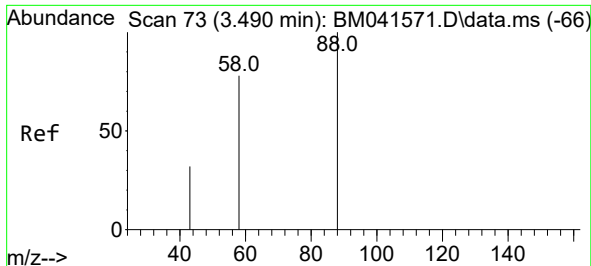
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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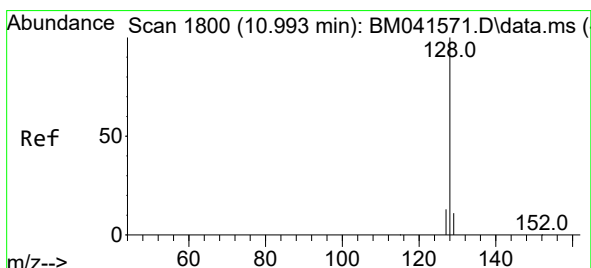
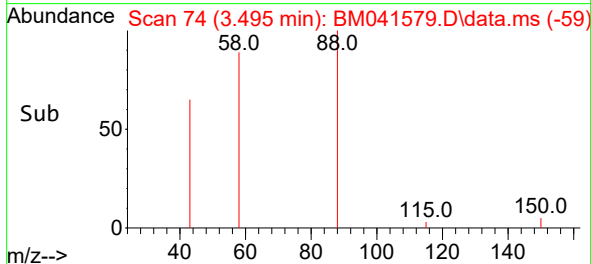
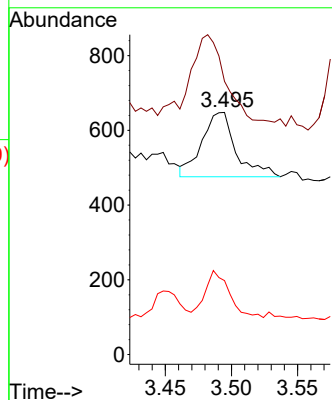
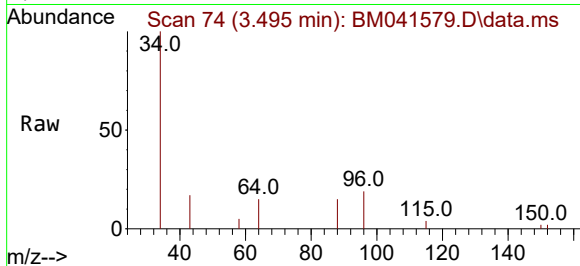




#2
1,4-Dioxane
Concen: 0.026 ng/ul
RT: 3.495 min Scan# 74
Delta R.T. 0.005 min
Lab File: BM041579.D
Acq: 30 Aug 2023 14:34

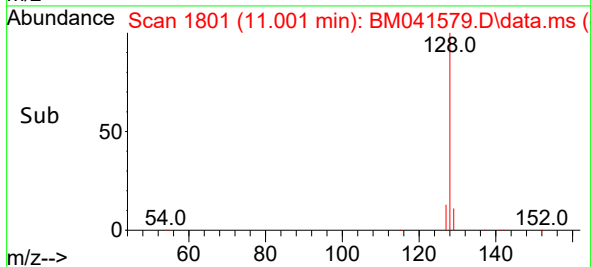
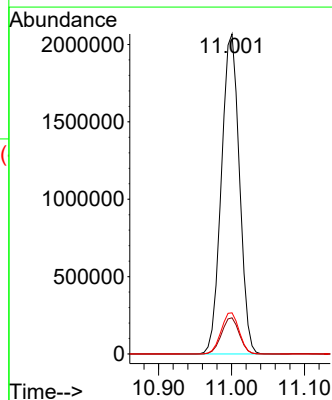
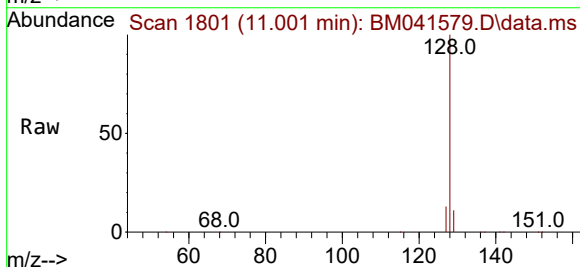
Instrument :
BNA_M
ClientSampleId :
DCHJ7

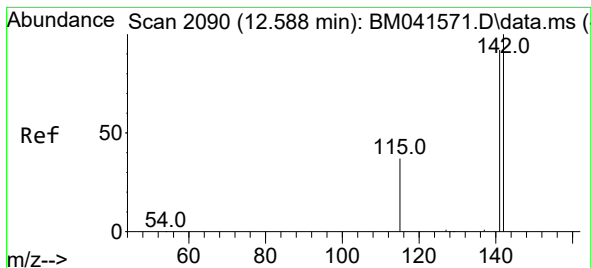
Tgt Ion: 88 Resp: 309
Ion Ratio Lower Upper
88 100
43 112.8 46.2 69.2#
58 30.6 58.1 87.1#



#5
Naphthalene
Concen: 58.426 ng/ul
RT: 11.001 min Scan# 1801
Delta R.T. 0.002 min
Lab File: BM041579.D
Acq: 30 Aug 2023 14:34

Tgt Ion: 128 Resp: 3553480
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 12.9 10.6 15.8





#7

2-Methylnaphthalene

Concen: 8.746 ng/ul

RT: 12.595 min Scan# 2091

Delta R.T. 0.002 min

Lab File: BM041579.D

Acq: 30 Aug 2023 14:34

Instrument :

BNA_M

ClientSampleId :

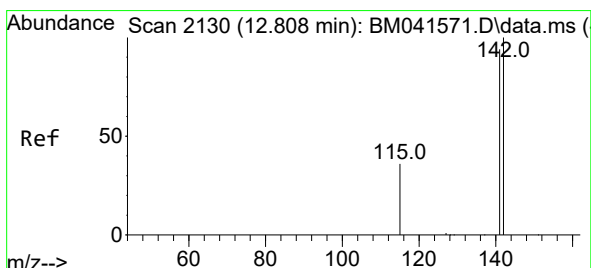
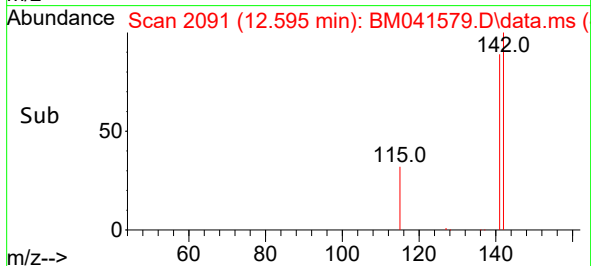
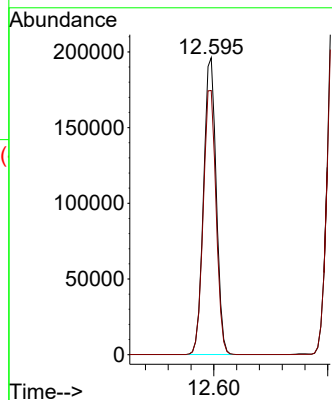
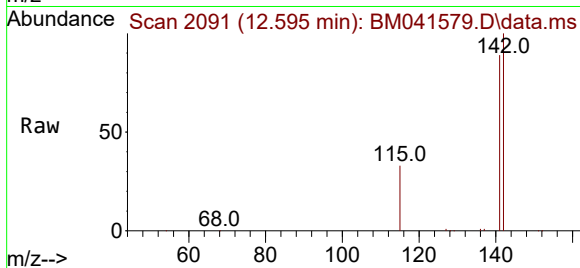
DCHJ7

Tgt Ion:142 Resp: 301710

Ion Ratio Lower Upper

142 100

141 90.2 71.8 107.8



#8

1-Methylnaphthalene

Concen: 10.992 ng/ul

RT: 12.810 min Scan# 2130

Delta R.T. -0.004 min

Lab File: BM041579.D

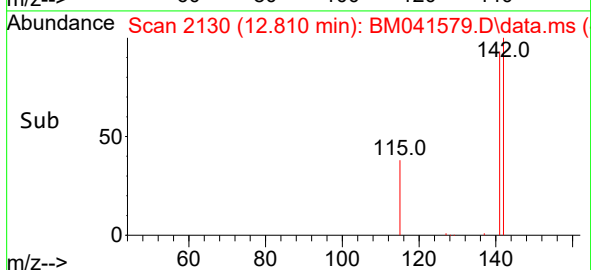
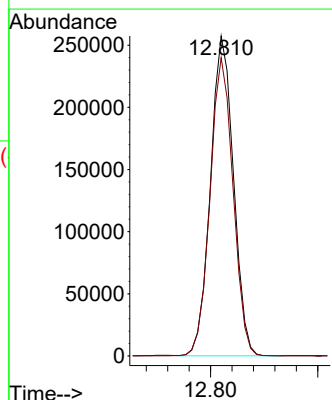
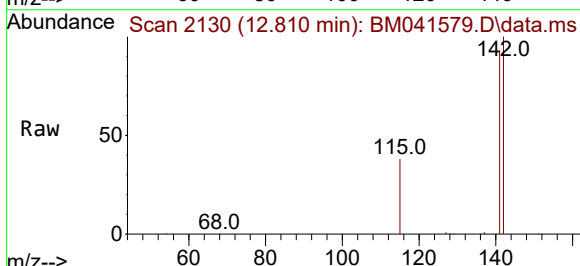
Acq: 30 Aug 2023 14:34

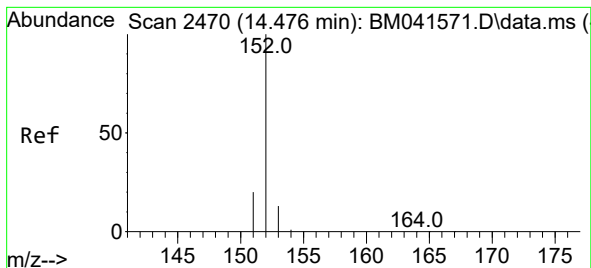
Tgt Ion:142 Resp: 383197

Ion Ratio Lower Upper

142 100

141 93.2 74.2 111.2





#10

Acenaphthylene

Concen: 0.590 ng/ul

RT: 14.482 min Scan# 2470

Delta R.T. 0.001 min

Lab File: BM041579.D

Acq: 30 Aug 2023 14:34

Instrument :

BNA_M

ClientSampleId :

DCHJ7

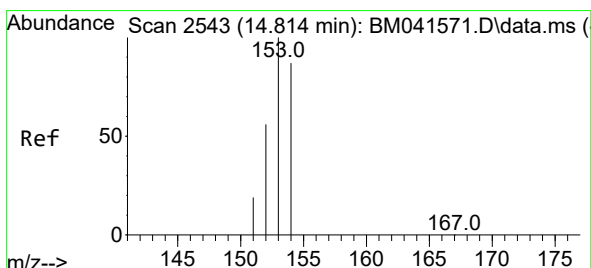
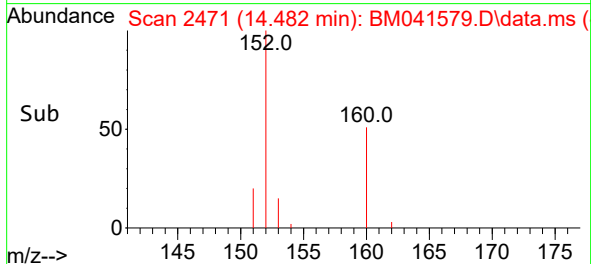
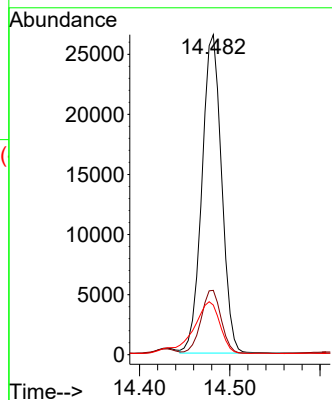
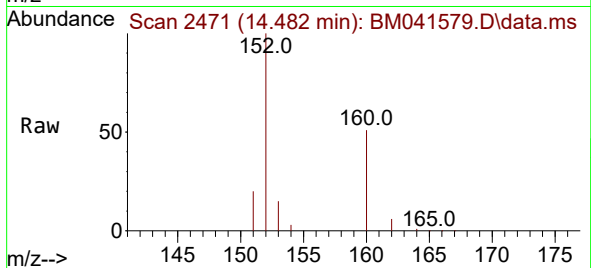
Tgt Ion:152 Resp: 40177

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 15.5 10.6 15.8



#11

Acenaphthene

Concen: 27.371 ng/ul

RT: 14.815 min Scan# 2543

Delta R.T. -0.004 min

Lab File: BM041579.D

Acq: 30 Aug 2023 14:34

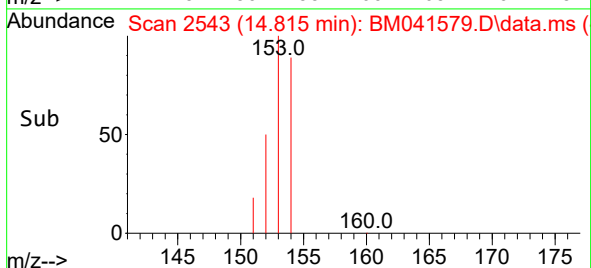
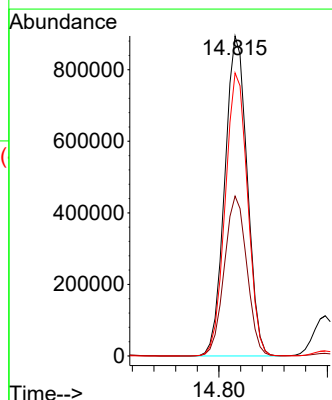
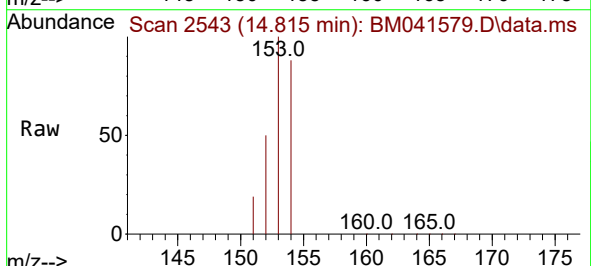
Tgt Ion:153 Resp: 1285590

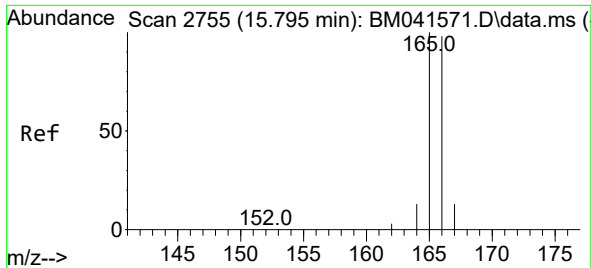
Ion Ratio Lower Upper

153 100

152 50.0 43.4 65.2

154 88.4 70.2 105.2

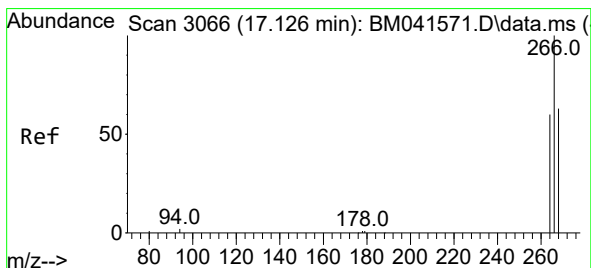
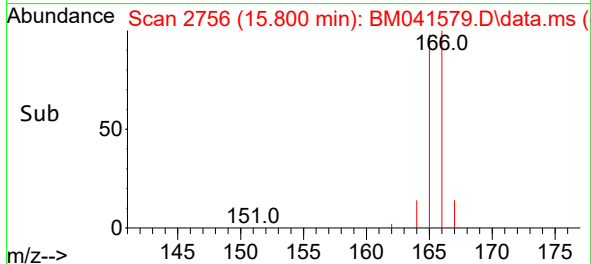
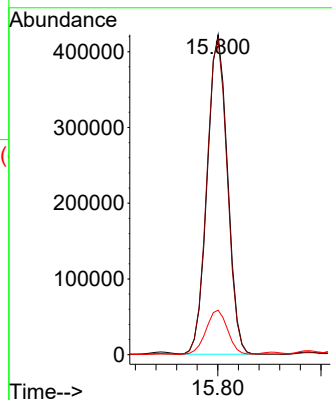
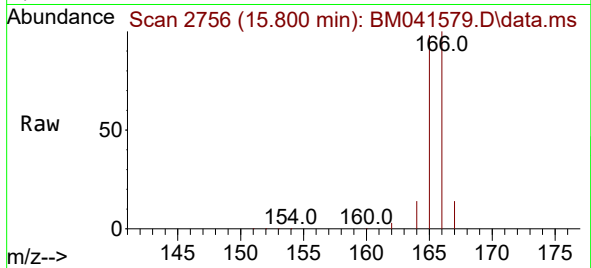




#12
Fluorene
Concen: 11.315 ng/ul
RT: 15.800 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM041579.D
Acq: 30 Aug 2023 14:34

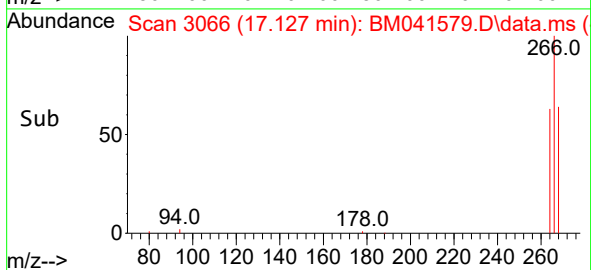
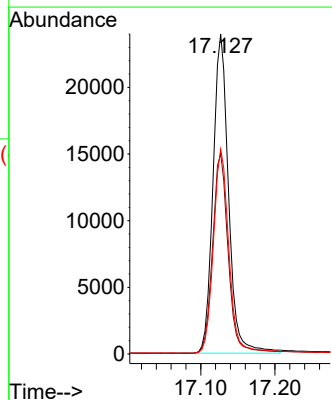
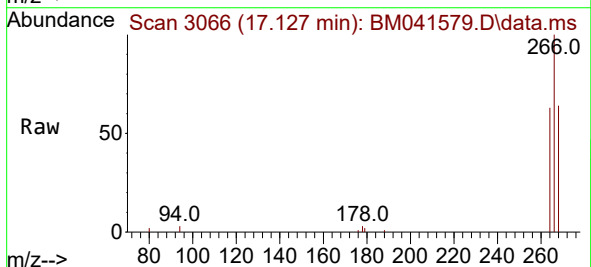
Instrument :
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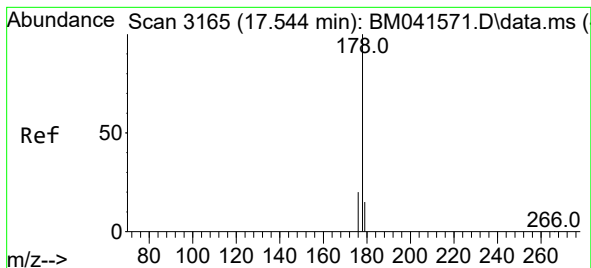
Tgt Ion:166 Resp: 578486
Ion Ratio Lower Upper
166 100
165 98.5 82.2 123.2
167 13.9 11.5 17.3



#14
Pentachlorophenol
Concen: 4.814 ng/ul
RT: 17.127 min Scan# 3066
Delta R.T. 0.001 min
Lab File: BM041579.D
Acq: 30 Aug 2023 14:34

Tgt Ion:266 Resp: 34797
Ion Ratio Lower Upper
266 100
264 62.8 49.3 73.9
268 63.9 50.2 75.4





#15

Phenanthrene

Concen: 13.647 ng/ul

RT: 17.549 min Scan# 3166

Delta R.T. 0.001 min

Lab File: BM041579.D

Acq: 30 Aug 2023 14:34

Instrument :

BNA_M

ClientSampleId :

DCHJ7

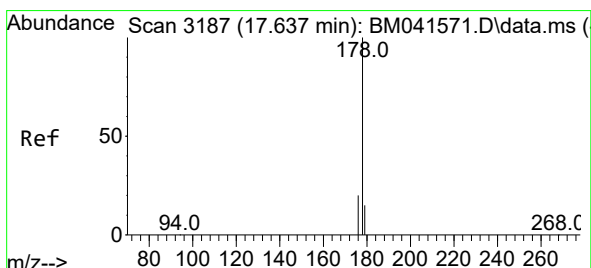
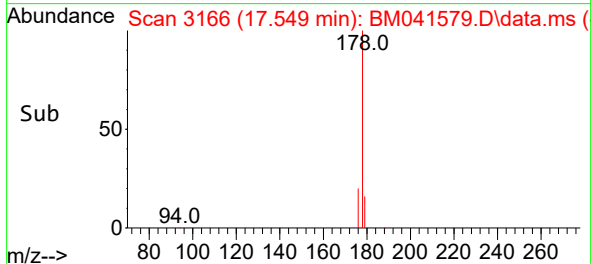
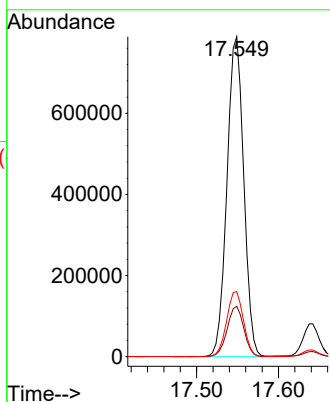
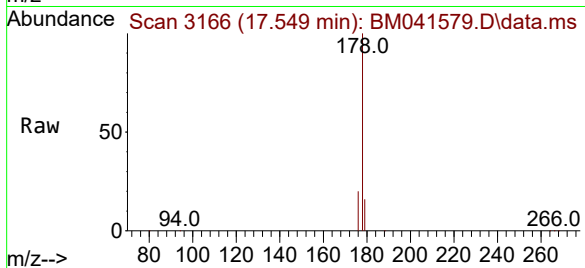
Tgt Ion:178 Resp: 1120923

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

176 20.3 16.2 24.4



#16

Anthracene

Concen: 1.530 ng/ul

RT: 17.638 min Scan# 3187

Delta R.T. -0.003 min

Lab File: BM041579.D

Acq: 30 Aug 2023 14:34

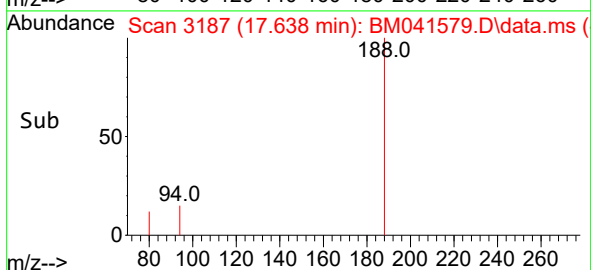
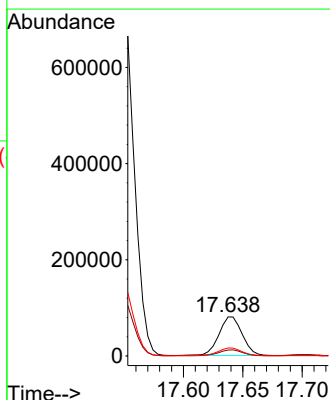
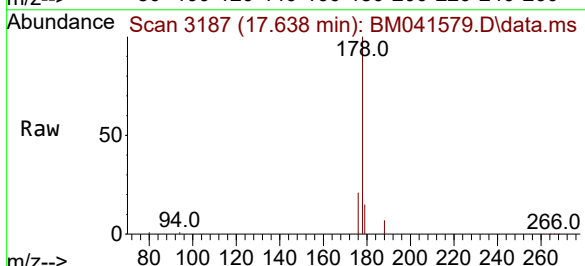
Tgt Ion:178 Resp: 109192

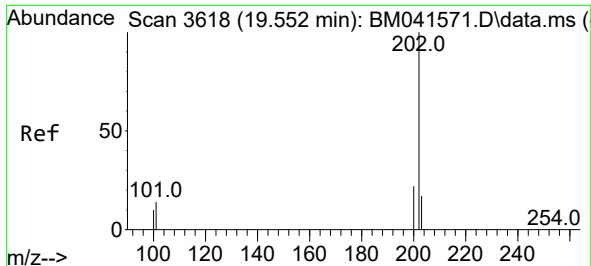
Ion Ratio Lower Upper

178 100

179 15.3 12.9 19.3

176 20.7 15.6 23.4

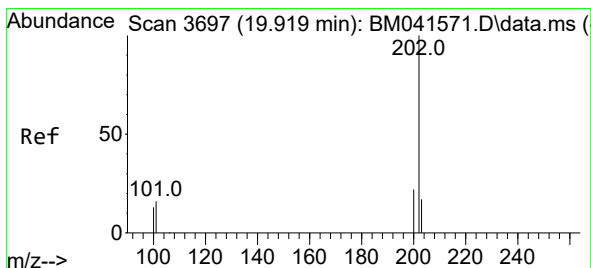
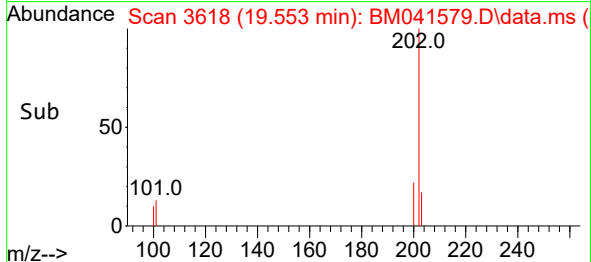
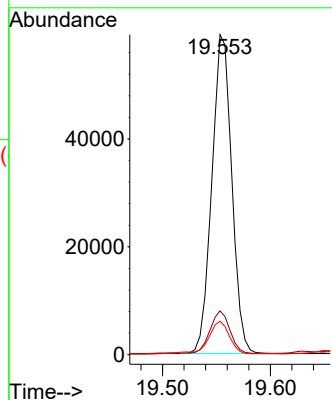
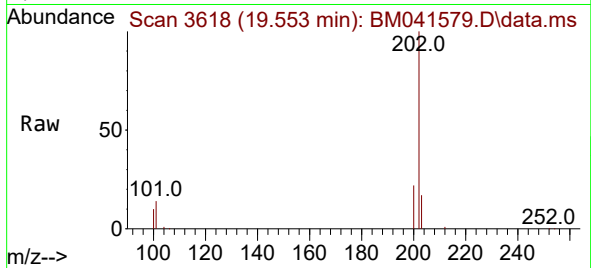




#19
Fluoranthene
Concen: 0.840 ng/ul
RT: 19.553 min Scan# 3618
Delta R.T. -0.003 min
Lab File: BM041579.D
Acq: 30 Aug 2023 14:34

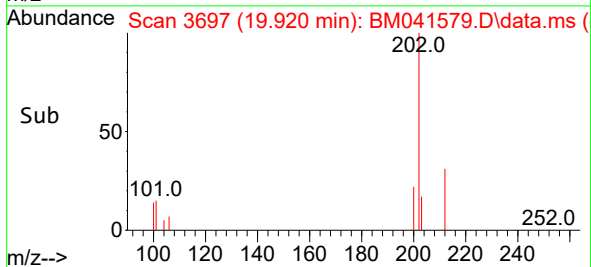
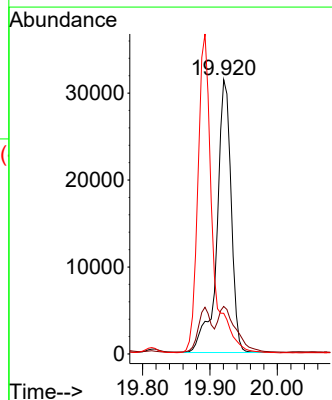
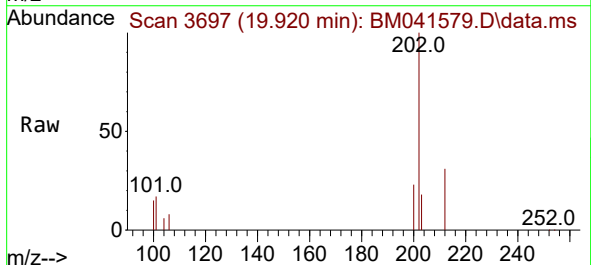
Instrument :
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DCHJ7

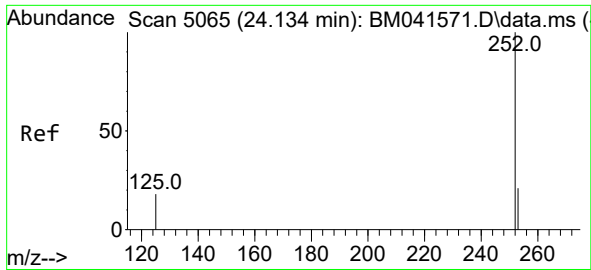
Tgt Ion:202 Resp: 75906
Ion Ratio Lower Upper
202 100
101 13.7 10.7 16.1
100 10.4 8.1 12.1



#20
Pyrene
Concen: 0.506 ng/ul
RT: 19.920 min Scan# 3697
Delta R.T. -0.003 min
Lab File: BM041579.D
Acq: 30 Aug 2023 14:34

Tgt Ion:202 Resp: 45975
Ion Ratio Lower Upper
202 100
101 17.3 12.2 18.4
100 14.8 9.8 14.8#





#26

Benzo(a)pyrene

Concen: 0.113 ng/ul

RT: 24.092 min Scan# 50

Delta R.T. -0.045 min

Lab File: BM041579.D

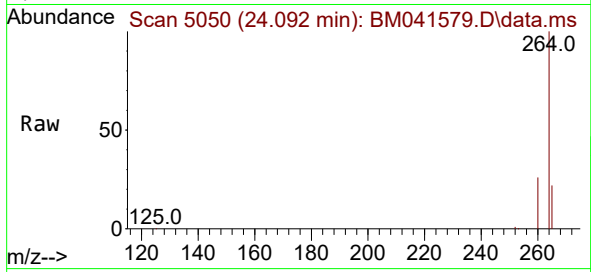
Acq: 30 Aug 2023 14:34

Instrument :

BNA_M

ClientSampleId :

DCHJ7



Tgt Ion:252 Resp: 7671

Ion Ratio Lower Upper

252 100

253 38.1 20.9 31.3#

125 52.8 21.1 31.7#

