

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041584.D
 Acq On : 30 Aug 2023 17:44
 Operator : MA/JU
 Sample : 04134-06RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCHJ9RE

Quant Time: Aug 31 02:18:11 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)

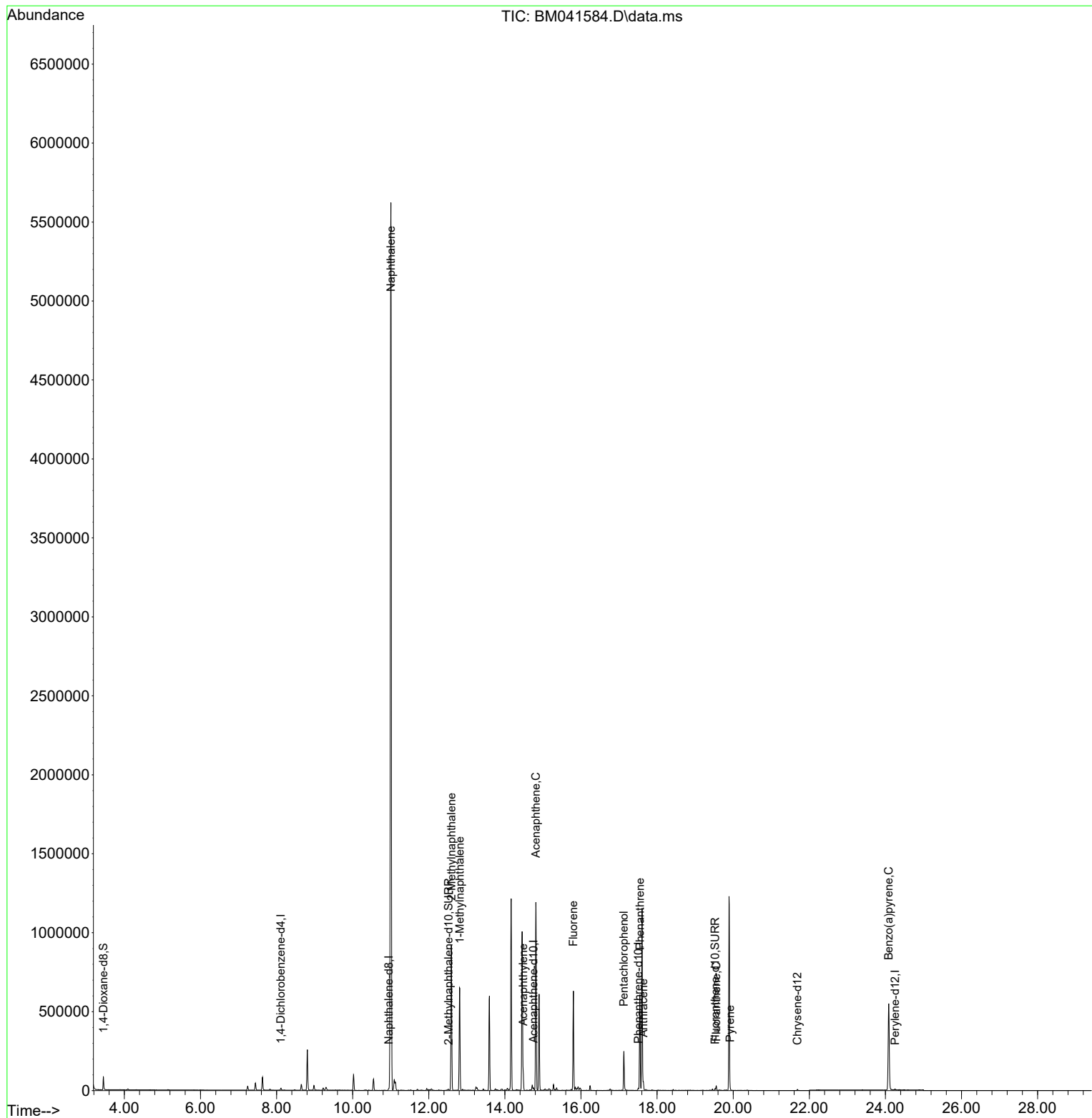
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	6218	0.400	ng/ul	0.00
4) Naphthalene-d8	10.949	136	15549	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	8462	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.506	188	14352	0.400	ng/ul	0.00
17) Chrysene-d12	21.688	240	5214	0.400	ng/ul	0.00
23) Perylene-d12	24.251	264	6223	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	44456	4.844	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	6958	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	9863	0.384	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	11.004	128	8589048	172.773	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	605125	21.460	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	436985	15.335	ng/ul	100
10) Acenaphthylene	14.481	152	116786	1.980	ng/ul	100
11) Acenaphthene	14.814	153	673474	16.553	ng/ul	98
12) Fluorene	15.799	166	368341	8.317	ng/ul	97
14) Pentachlorophenol	17.126	266	152576	27.664	ng/ul	99
15) Phenanthrene	17.548	178	615138	9.816	ng/ul	100
16) Anthracene	17.641	178	52043	0.956	ng/ul	99
19) Fluoranthene	19.557	202	24006	0.351	ng/ul	99
20) Pyrene	19.919	202	12718	0.185	ng/ul#	91
26) Benzo(a)pyrene	24.085	252	5851	0.114	ng/ul#	58

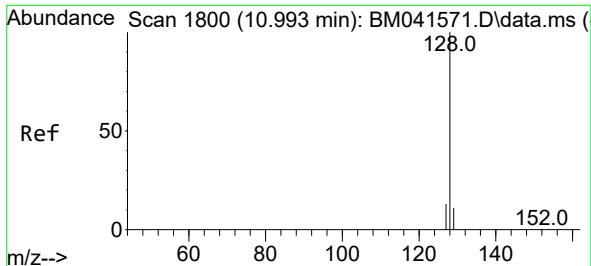
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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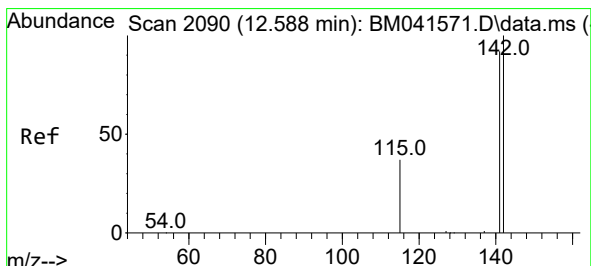
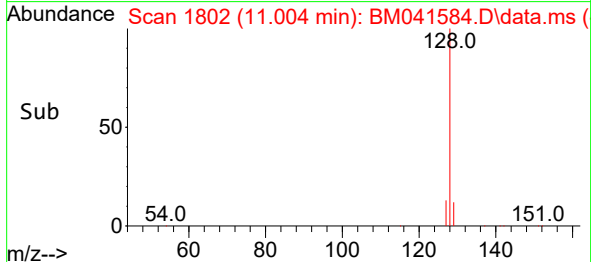
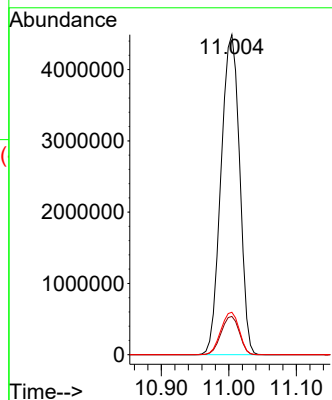
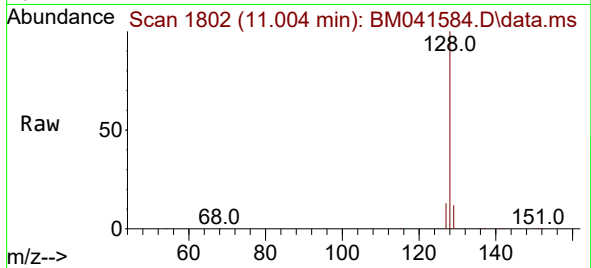




#5
Naphthalene
Concen: 172.773 ng/ul
RT: 11.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041584.D
Acq: 30 Aug 2023 17:44

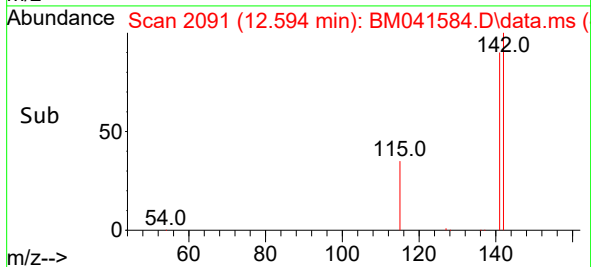
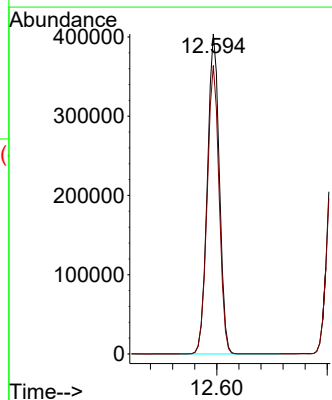
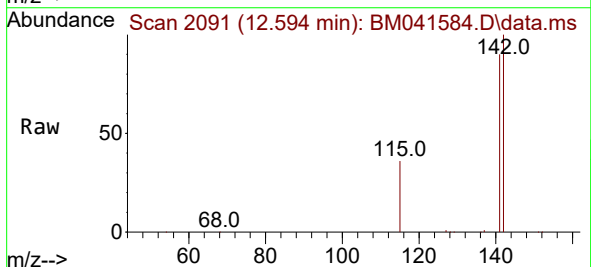
Instrument :
BNA_M
ClientSampleId :
DCHJ9RE

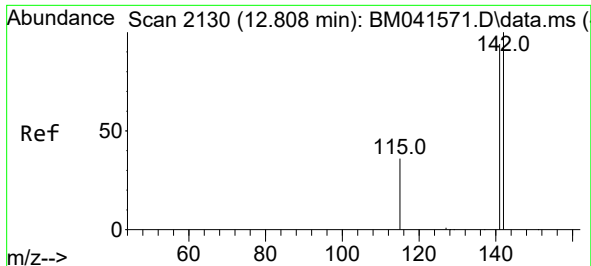
Tgt Ion:128 Resp: 8589048
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.3 10.6 15.8



#7
2-Methylnaphthalene
Concen: 21.460 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041584.D
Acq: 30 Aug 2023 17:44

Tgt Ion:142 Resp: 605125
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.8

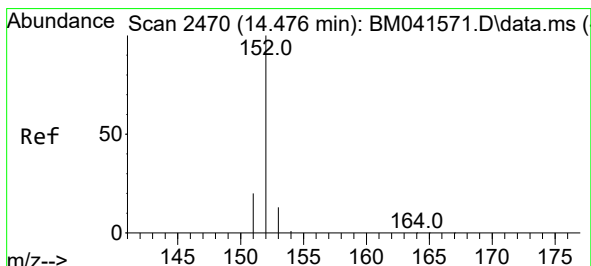
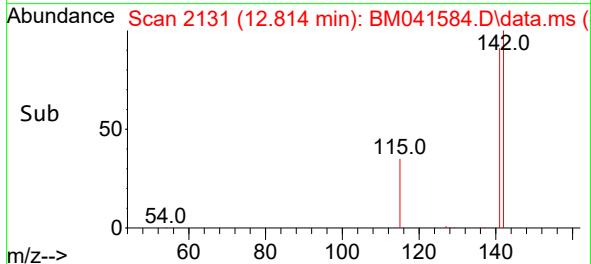
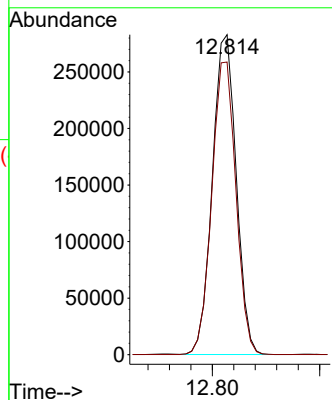
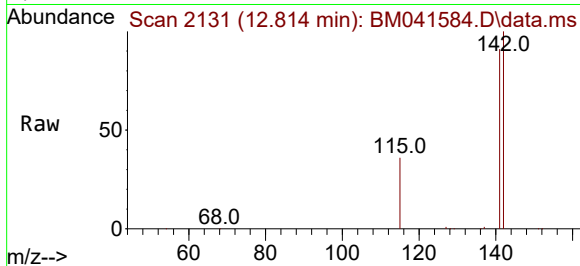




#8
1-Methylnaphthalene
Concen: 15.335 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM041584.D
Acq: 30 Aug 2023 17:44

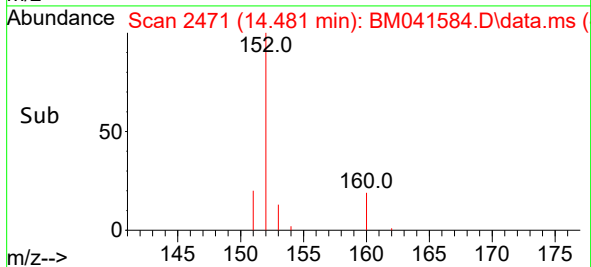
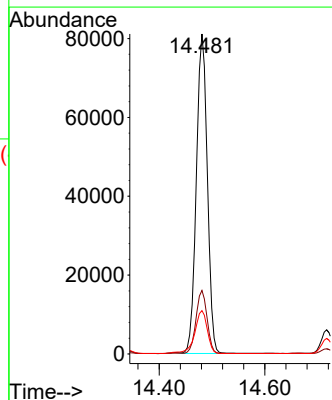
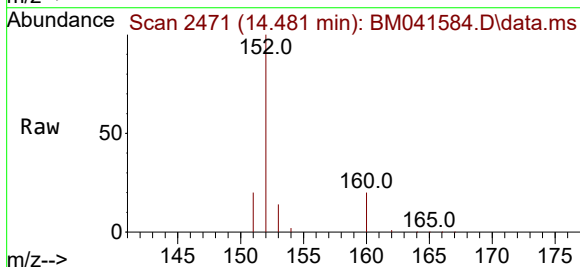
Instrument :
BNA_M
ClientSampleId :
DCHJ9RE

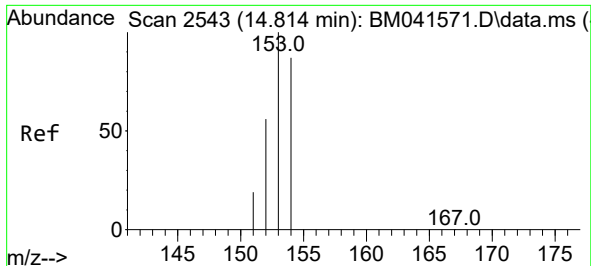
Tgt Ion:142 Resp: 436985
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.2



#10
Acenaphthylene
Concen: 1.980 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BM041584.D
Acq: 30 Aug 2023 17:44

Tgt Ion:152 Resp: 116786
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.6 10.6 15.8

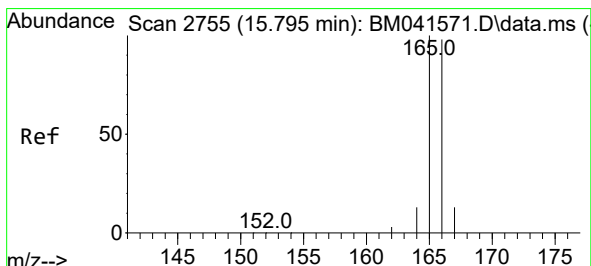
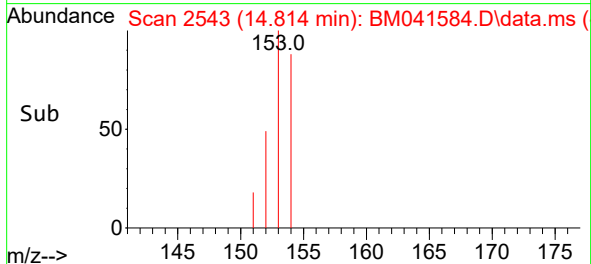
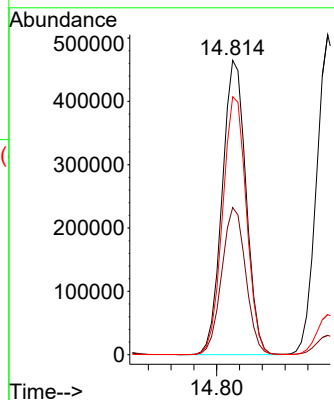
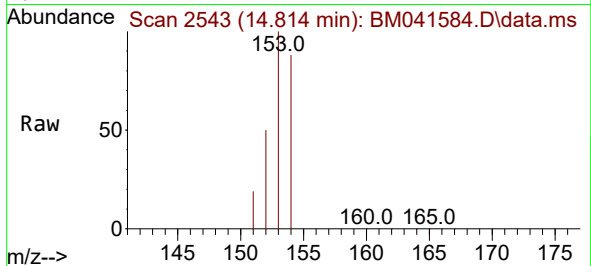




#11
Acenaphthene
Concen: 16.553 ng/ul
RT: 14.814 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041584.D
Acq: 30 Aug 2023 17:44

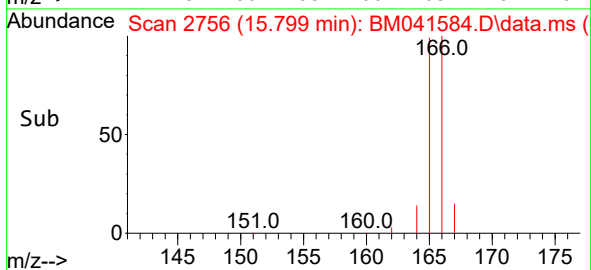
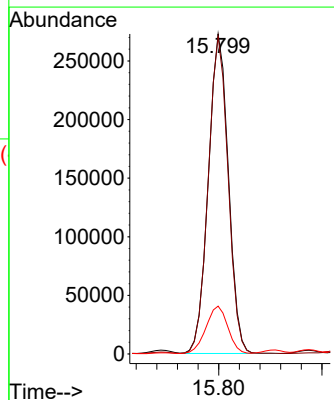
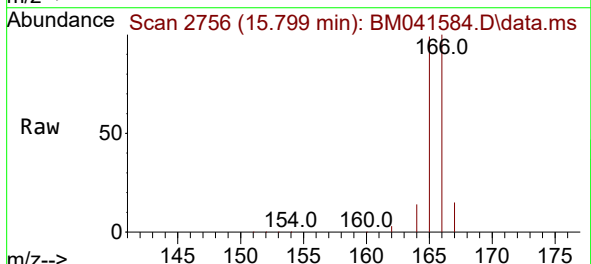
Instrument :
BNA_M
ClientSampleId :
DCHJ9RE

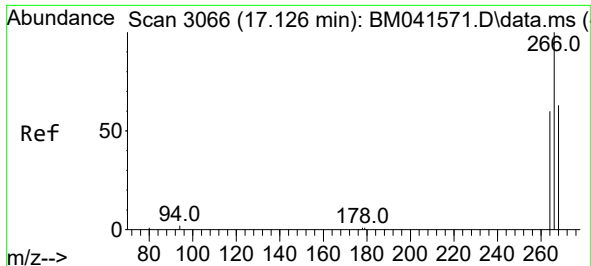
Tgt Ion:153 Resp: 673474
Ion Ratio Lower Upper
153 100
152 50.0 43.4 65.2
154 87.6 70.2 105.2



#12
Fluorene
Concen: 8.317 ng/ul
RT: 15.799 min Scan# 2756
Delta R.T. 0.000 min
Lab File: BM041584.D
Acq: 30 Aug 2023 17:44

Tgt Ion:166 Resp: 368341
Ion Ratio Lower Upper
166 100
165 99.2 82.2 123.2
167 14.9 11.5 17.3

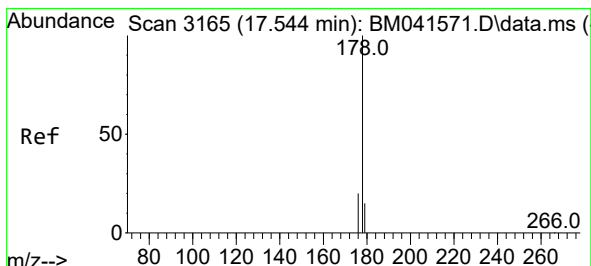
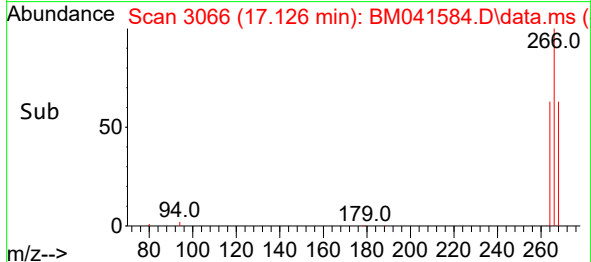
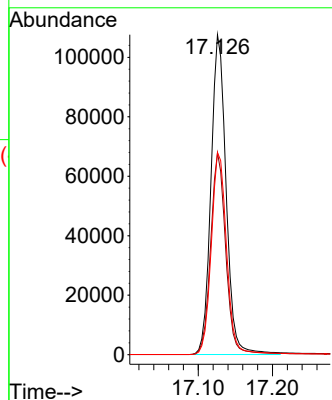
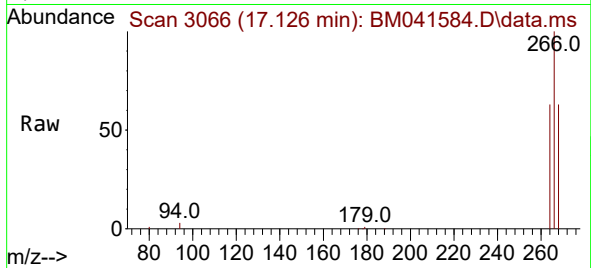




#14
 Pentachlorophenol
 Concen: 27.664 ng/ul
 RT: 17.126 min Scan# 3066
 Delta R.T. 0.000 min
 Lab File: BM041584.D
 Acq: 30 Aug 2023 17:44

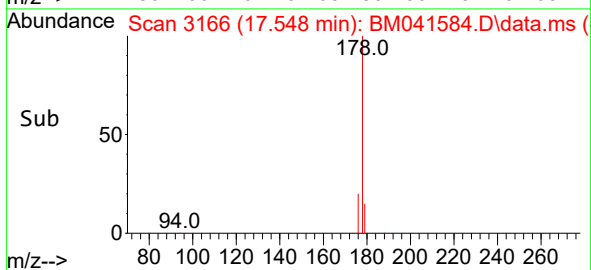
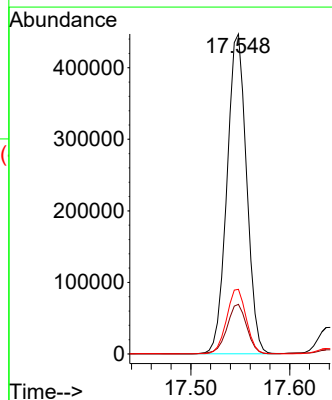
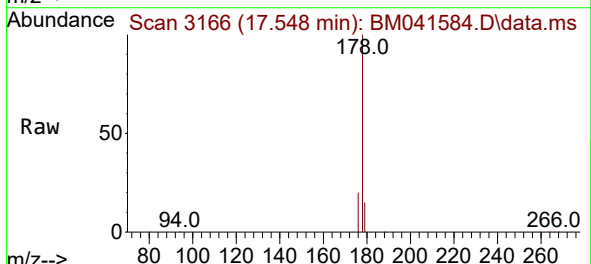
Instrument :
 BNA_M
 ClientSampleId :
 DCHJ9RE

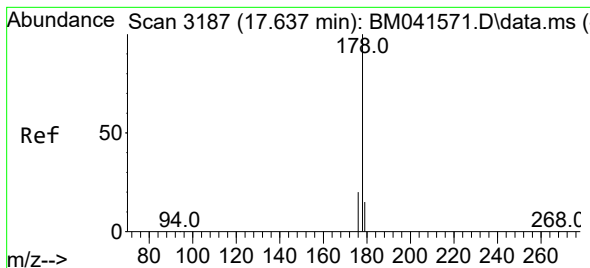
Tgt Ion:266 Resp: 152576
 Ion Ratio Lower Upper
 266 100
 264 62.7 49.3 73.9
 268 64.0 50.2 75.4



#15
 Phenanthrene
 Concen: 9.816 ng/ul
 RT: 17.548 min Scan# 3166
 Delta R.T. 0.000 min
 Lab File: BM041584.D
 Acq: 30 Aug 2023 17:44

Tgt Ion:178 Resp: 615138
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.6 19.0
 176 20.2 16.2 24.4





#16

Anthracene

Concen: 0.956 ng/ul

RT: 17.641 min Scan# 3188

Delta R.T. 0.000 min

Lab File: BM041584.D

Acq: 30 Aug 2023 17:44

Instrument :

BNA_M

ClientSampleId :

DCHJ9RE

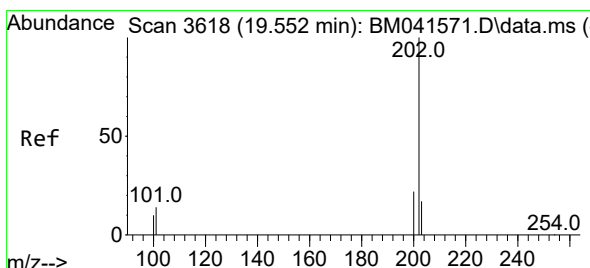
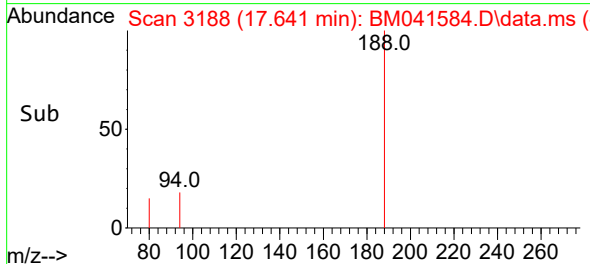
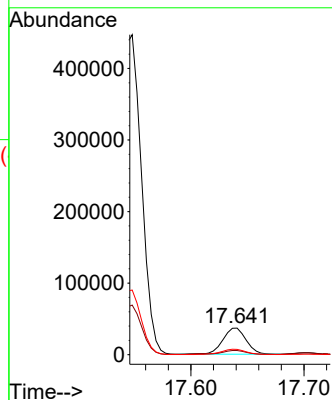
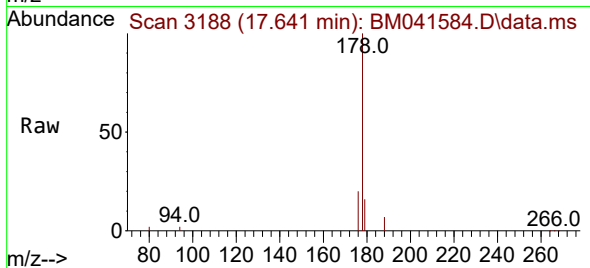
Tgt Ion:178 Resp: 52043

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

176 20.2 15.6 23.4



#19

Fluoranthene

Concen: 0.351 ng/ul

RT: 19.557 min Scan# 3619

Delta R.T. 0.000 min

Lab File: BM041584.D

Acq: 30 Aug 2023 17:44

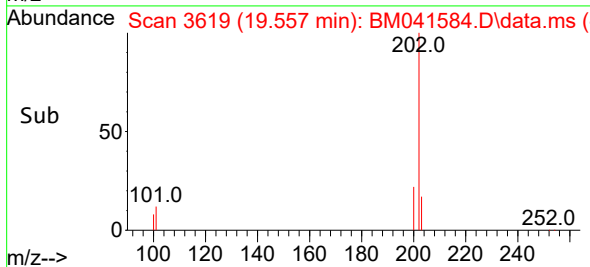
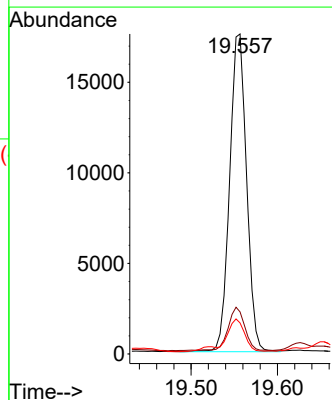
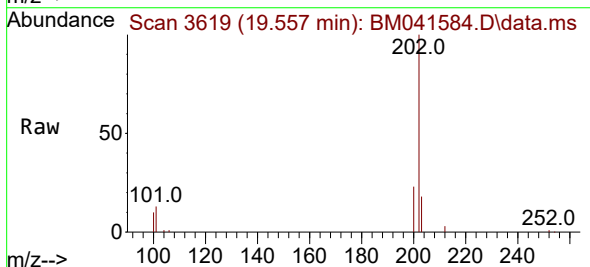
Tgt Ion:202 Resp: 24006

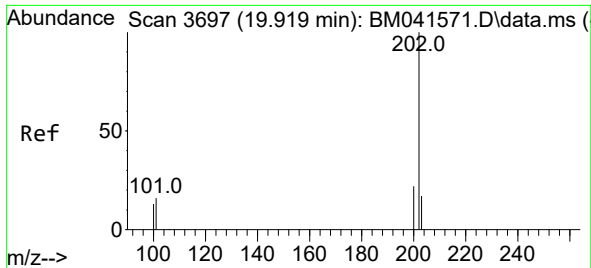
Ion Ratio Lower Upper

202 100

101 13.2 10.7 16.1

100 9.7 8.1 12.1

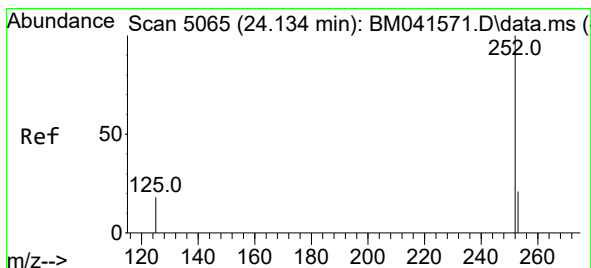
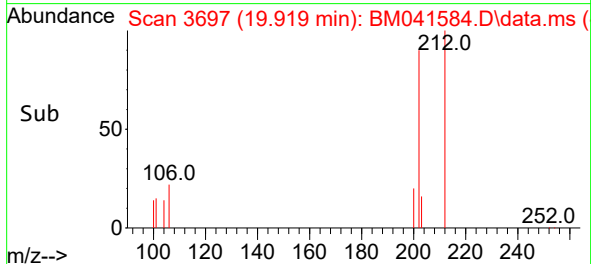
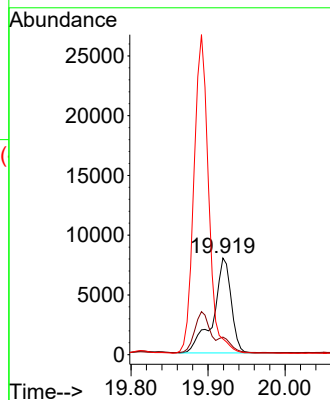
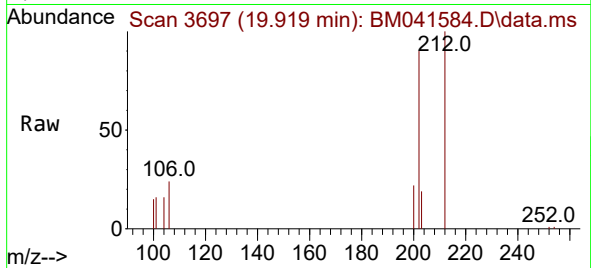




#20
Pyrene
Concen: 0.185 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.005 min
Lab File: BM041584.D
Acq: 30 Aug 2023 17:44

Instrument :
BNA_M
ClientSampleId :
DCHJ9RE

Tgt Ion:202 Resp: 12718
Ion Ratio Lower Upper
202 100
101 18.2 12.2 18.4
100 16.5 9.8 14.8#



#26
Benzo(a)pyrene
Concen: 0.114 ng/ul
RT: 24.085 min Scan# 5048
Delta R.T. -0.053 min
Lab File: BM041584.D
Acq: 30 Aug 2023 17:44

Tgt Ion:252 Resp: 5851
Ion Ratio Lower Upper
252 100
253 42.2 20.9 31.3#
125 53.1 21.1 31.7#

