

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090523\
 Data File : BN027382.D
 Acq On : 05 Sep 2023 19:16
 Operator : MA/JU
 Sample : 04134-04DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCHJ7DL

Quant Time: Sep 06 00:42:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

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

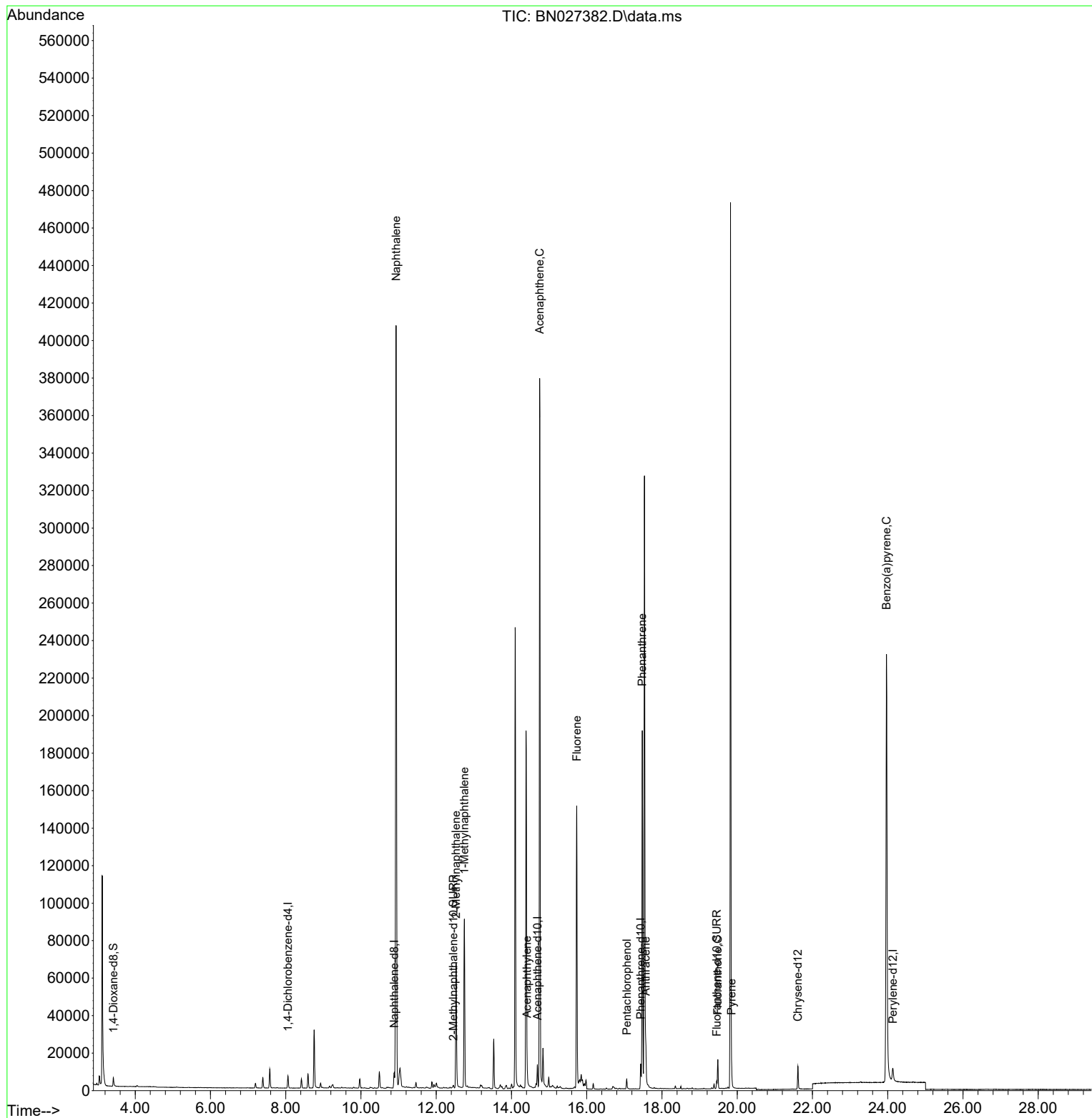
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	3358	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	11364	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	6888	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	15943	0.400	ng/ul	0.00
17) Chrysene-d12	21.612	240	12218	0.400	ng/ul	0.00
23) Perylene-d12	24.135	264	10884	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	3463	0.775	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	1607	0.093	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	4170	0.100	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.933	128	557626	16.916	ng/ul	98
7) 2-Methylnaphthalene	12.528	142	47164	2.287	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	60955	2.774	ng/ul	100
10) Acenaphthylene	14.416	152	6472	0.205	ng/ul#	95
11) Acenaphthene	14.749	153	213902	7.885	ng/ul	98
12) Fluorene	15.735	166	96994	3.191	ng/ul	98
14) Pentachlorophenol	17.063	266	3607	1.160	ng/ul	99
15) Phenanthrene	17.476	178	199666	3.845	ng/ul	99
16) Anthracene	17.569	178	18410	0.446	ng/ul	99
19) Fluoranthene	19.482	202	13208	0.235	ng/ul	97
20) Pyrene	19.850	202	8364	0.146	ng/ul	97
26) Benzo(a)pyrene	23.968	252	1402	0.035	ng/ul#	1

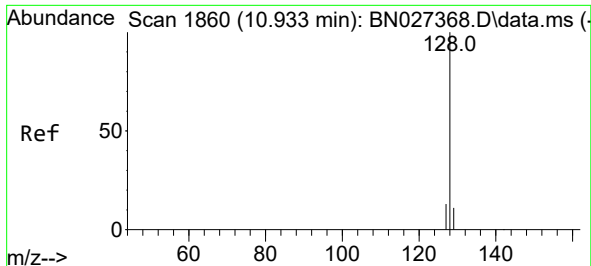
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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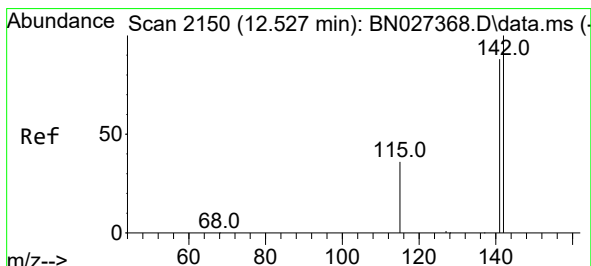
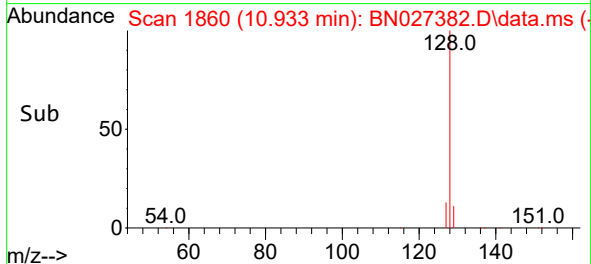
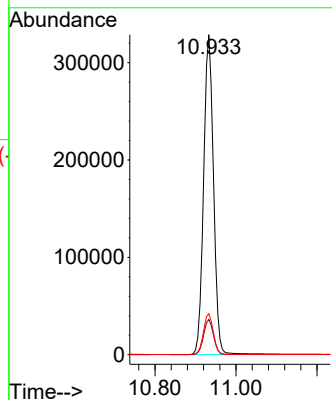
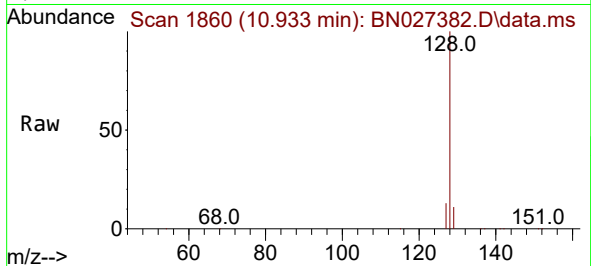




#5
Naphthalene
Concen: 16.916 ng/ul
RT: 10.933 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BN027382.D
Acq: 05 Sep 2023 19:16

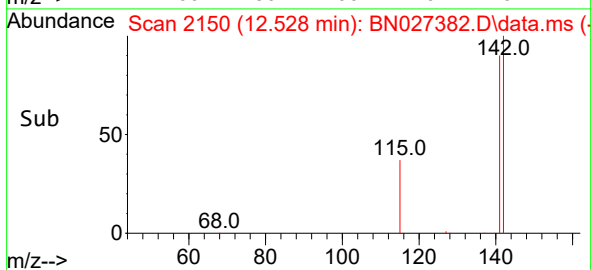
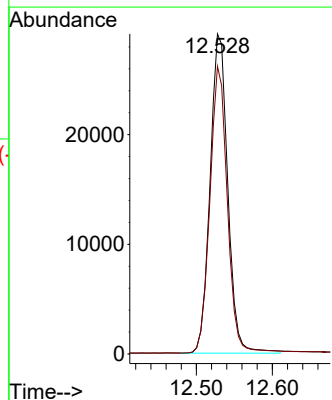
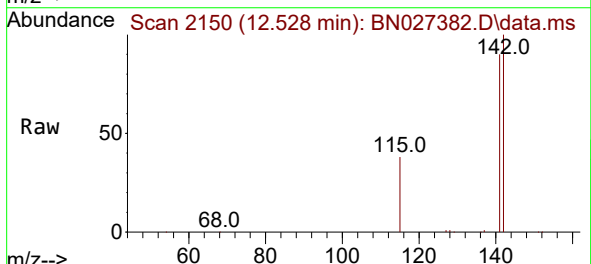
Instrument :
BNA_N
ClientSampleId :
DCHJ7DL

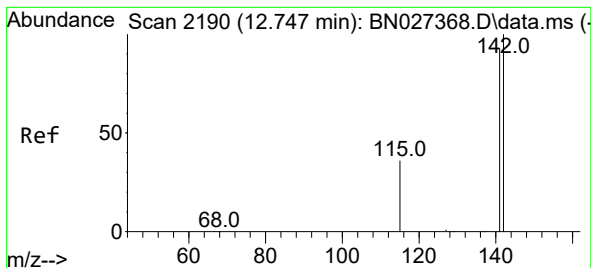
Tgt Ion:128 Resp: 557626
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 12.8 10.6 16.0



#7
2-Methylnaphthalene
Concen: 2.287 ng/ul
RT: 12.528 min Scan# 2150
Delta R.T. -0.005 min
Lab File: BN027382.D
Acq: 05 Sep 2023 19:16

Tgt Ion:142 Resp: 47164
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4





#8

1-Methylnaphthalene

Concen: 2.774 ng/ul

RT: 12.748 min Scan# 2190

Delta R.T. 0.000 min

Lab File: BN027382.D

Acq: 05 Sep 2023 19:16

Instrument :

BNA_N

ClientSampleId :

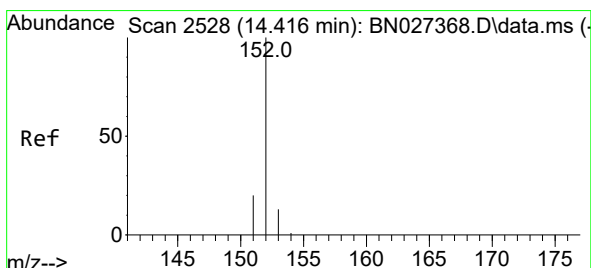
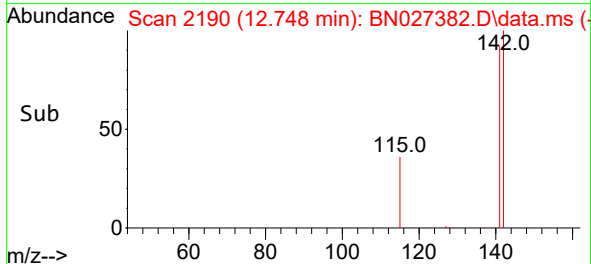
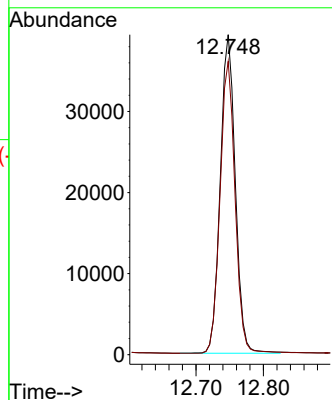
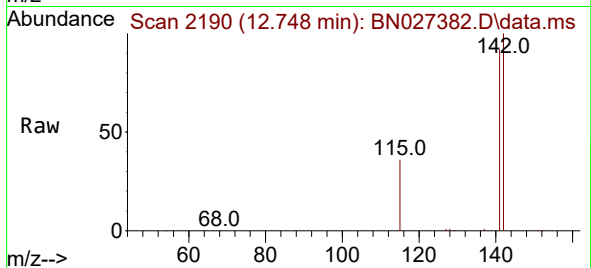
DCHJ7DL

Tgt Ion:142 Resp: 60955

Ion Ratio Lower Upper

142 100

141 91.6 73.0 109.4



#10

Acenaphthylene

Concen: 0.205 ng/ul

RT: 14.416 min Scan# 2528

Delta R.T. -0.005 min

Lab File: BN027382.D

Acq: 05 Sep 2023 19:16

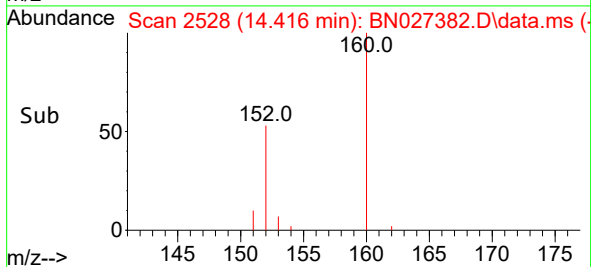
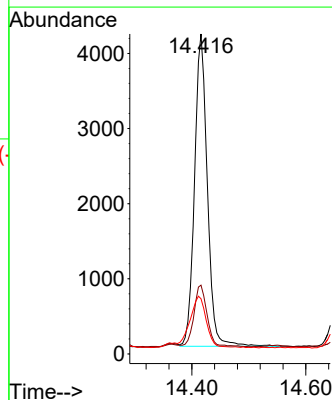
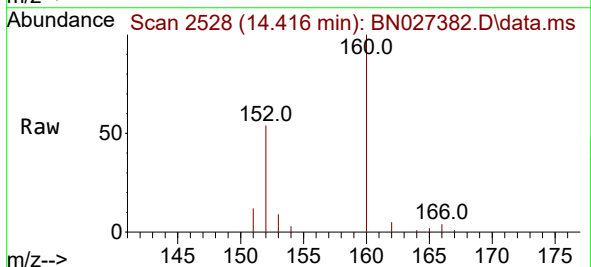
Tgt Ion:152 Resp: 6472

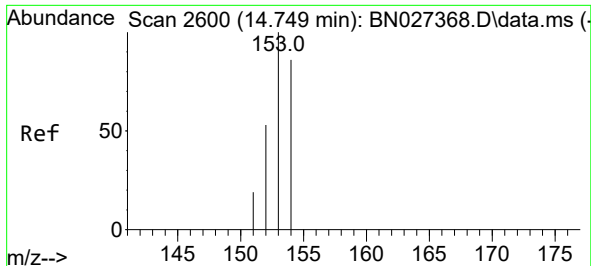
Ion Ratio Lower Upper

152 100

151 21.5 16.3 24.5

153 17.3 11.1 16.7#

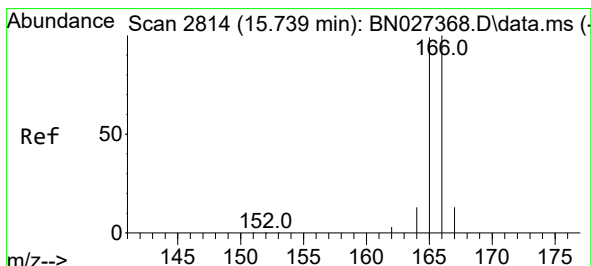
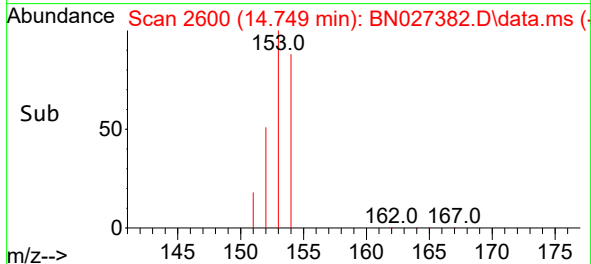
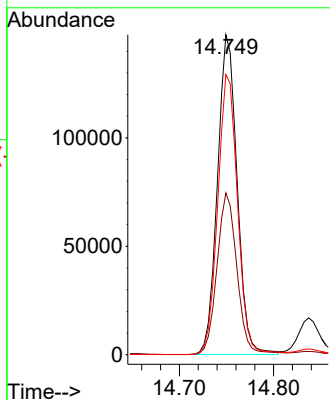
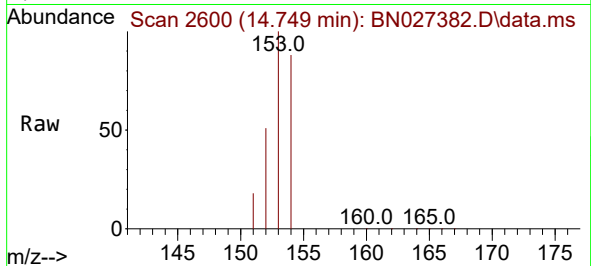




#11
Acenaphthene
Concen: 7.885 ng/ul
RT: 14.749 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BN027382.D
Acq: 05 Sep 2023 19:16

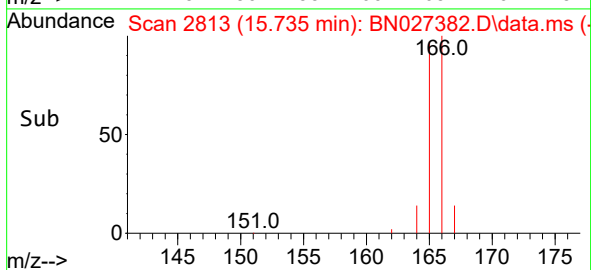
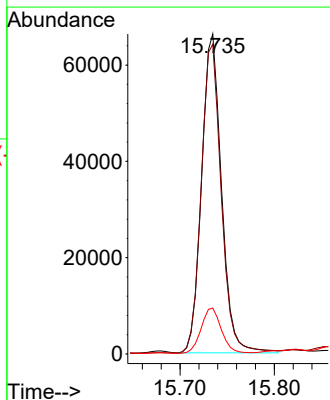
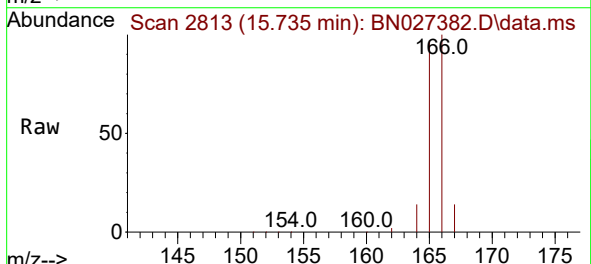
Instrument :
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DCHJ7DL

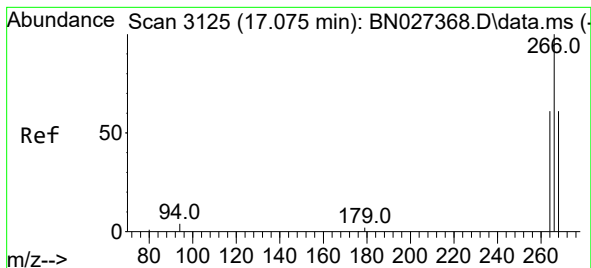
Tgt Ion:153 Resp: 213902
Ion Ratio Lower Upper
153 100
152 50.6 42.9 64.3
154 87.5 69.4 104.0



#12
Fluorene
Concen: 3.191 ng/ul
RT: 15.735 min Scan# 2813
Delta R.T. -0.005 min
Lab File: BN027382.D
Acq: 05 Sep 2023 19:16

Tgt Ion:166 Resp: 96994
Ion Ratio Lower Upper
166 100
165 96.8 79.6 119.4
167 14.4 11.4 17.0





#14

Pentachlorophenol

Concen: 1.160 ng/ul

RT: 17.063 min Scan# 3125

Delta R.T. -0.004 min

Lab File: BN027382.D

Acq: 05 Sep 2023 19:16

Instrument :

BNA_N

ClientSampleId :

DCHJ7DL

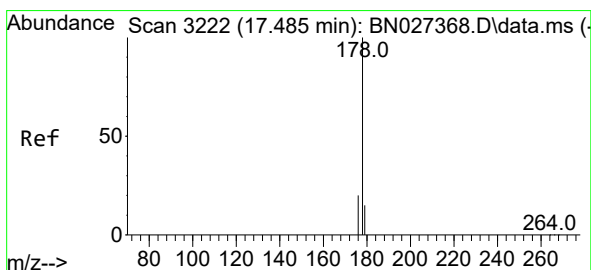
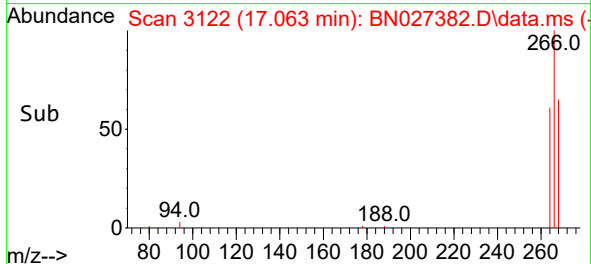
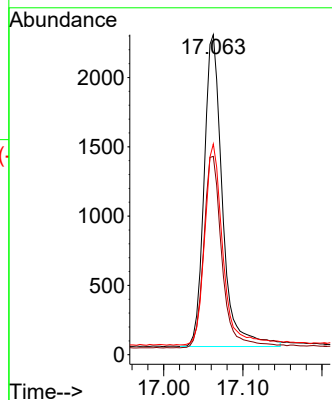
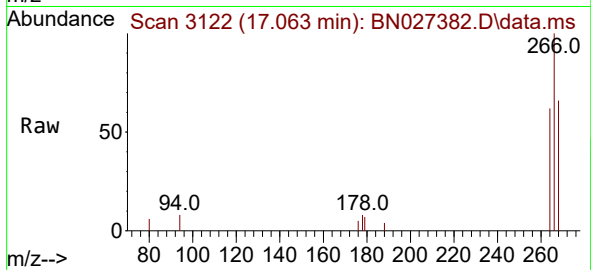
Tgt Ion:266 Resp: 3607

Ion Ratio Lower Upper

266 100

264 61.7 50.4 75.6

268 64.6 51.9 77.9



#15

Phenanthrene

Concen: 3.845 ng/ul

RT: 17.476 min Scan# 3220

Delta R.T. -0.004 min

Lab File: BN027382.D

Acq: 05 Sep 2023 19:16

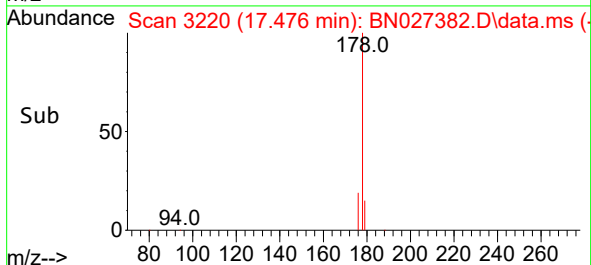
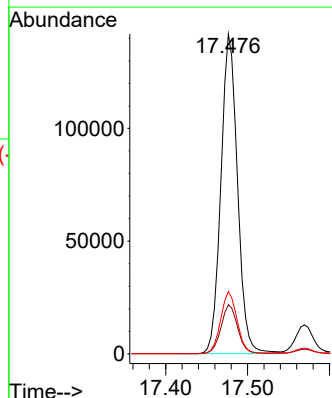
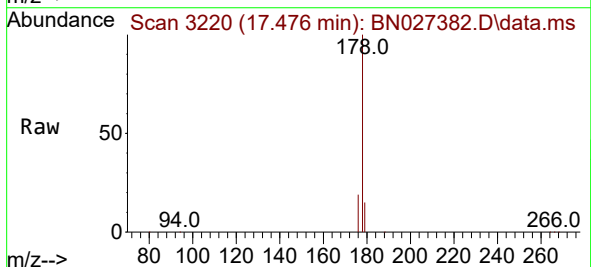
Tgt Ion:178 Resp: 199666

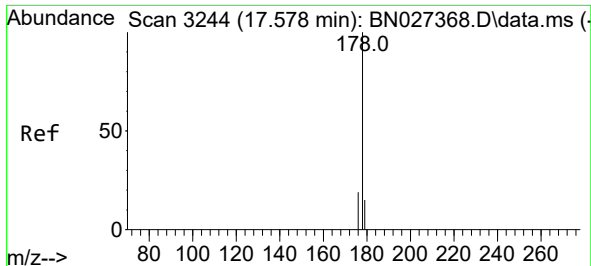
Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

176 19.5 15.8 23.8

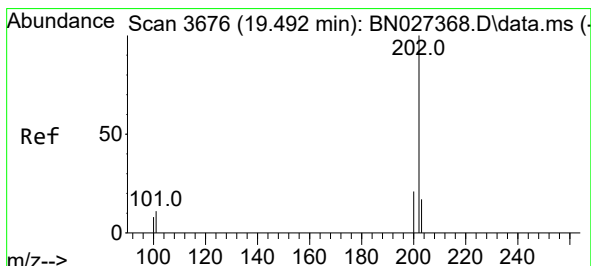
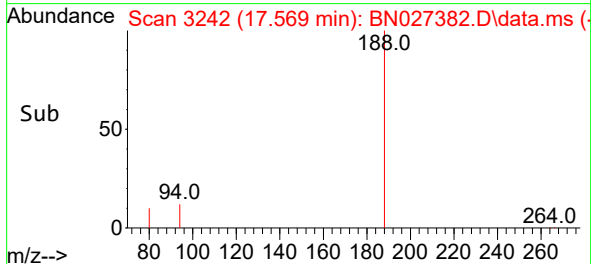
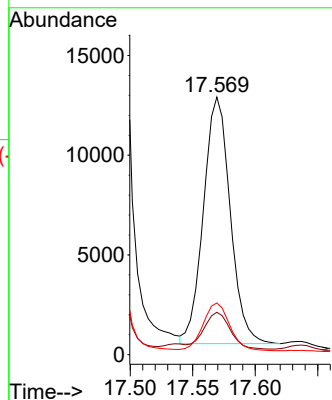
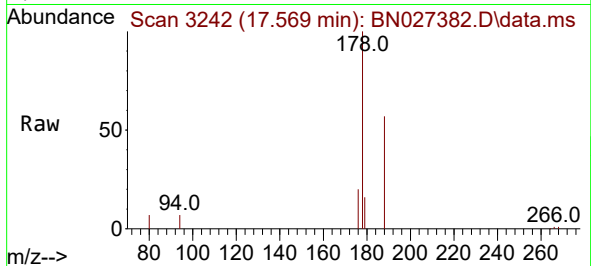




#16
 Anthracene
 Concen: 0.446 ng/ul
 RT: 17.569 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN027382.D
 Acq: 05 Sep 2023 19:16

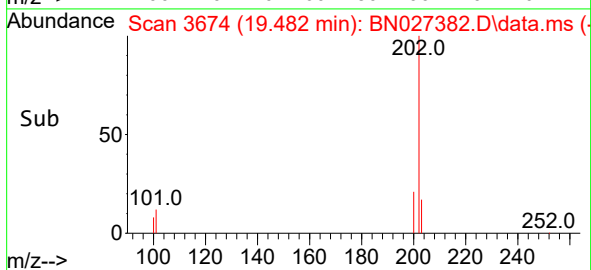
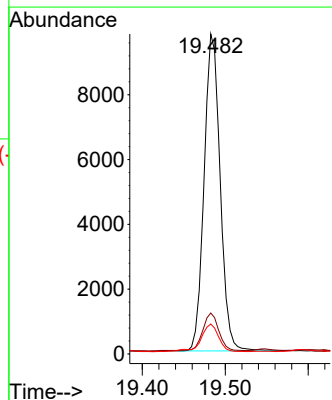
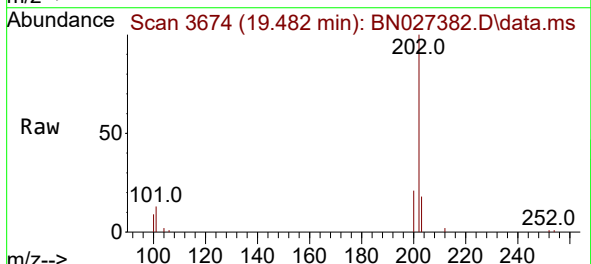
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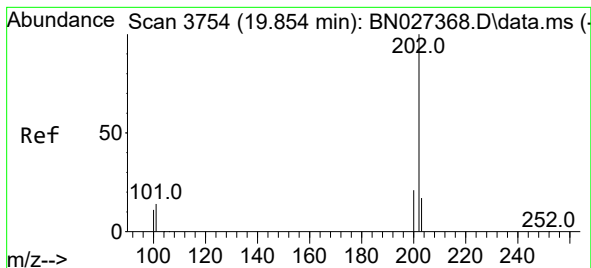
Tgt Ion:178 Resp: 18410
 Ion Ratio Lower Upper
 178 100
 179 16.5 13.0 19.6
 176 20.1 15.6 23.4



#19
 Fluoranthene
 Concen: 0.235 ng/ul
 RT: 19.482 min Scan# 3674
 Delta R.T. -0.005 min
 Lab File: BN027382.D
 Acq: 05 Sep 2023 19:16

Tgt Ion:202 Resp: 13208
 Ion Ratio Lower Upper
 202 100
 101 12.8 9.4 14.0
 100 9.4 6.9 10.3





#20

Pyrene

Concen: 0.146 ng/ul

RT: 19.850 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN027382.D

Acq: 05 Sep 2023 19:16

Instrument :

BNA_N

ClientSampleId :

DCHJ7DL

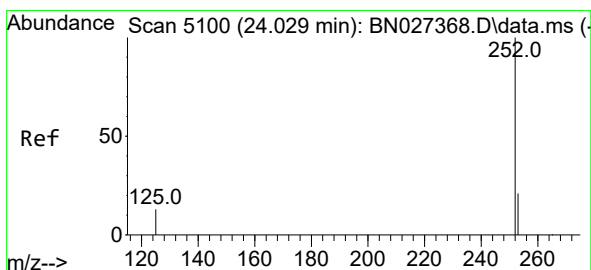
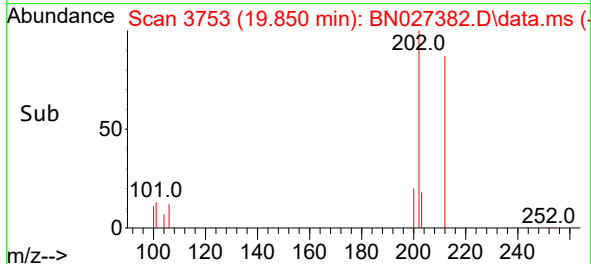
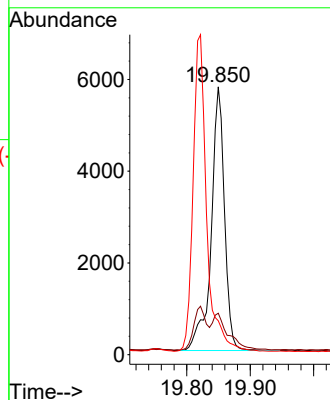
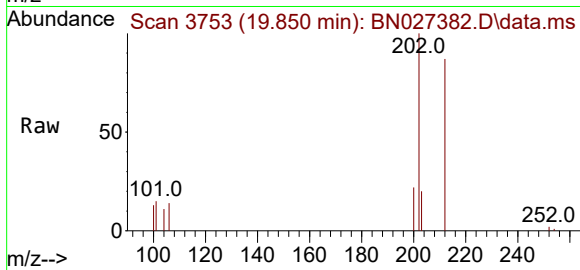
Tgt Ion:202 Resp: 8364

Ion Ratio Lower Upper

202 100

101 15.5 11.4 17.2

100 12.7 9.4 14.2



#26

Benzo(a)pyrene

Concen: 0.035 ng/ul

RT: 23.968 min Scan# 5079

Delta R.T. -0.050 min

Lab File: BN027382.D

Acq: 05 Sep 2023 19:16

Tgt Ion:252 Resp: 1402

Ion Ratio Lower Upper

252 100

253 76.4 22.4 33.6#

125 82.4 17.4 26.2#

