

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
 Data File : BN029662.D
 Acq On : 11 Feb 2024 00:51
 Operator : MA/JU
 Sample : P1399-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AH5

Quant Time: Feb 11 23:23:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Feb 11 23:18:17 2024
 Response via : Initial Calibration

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

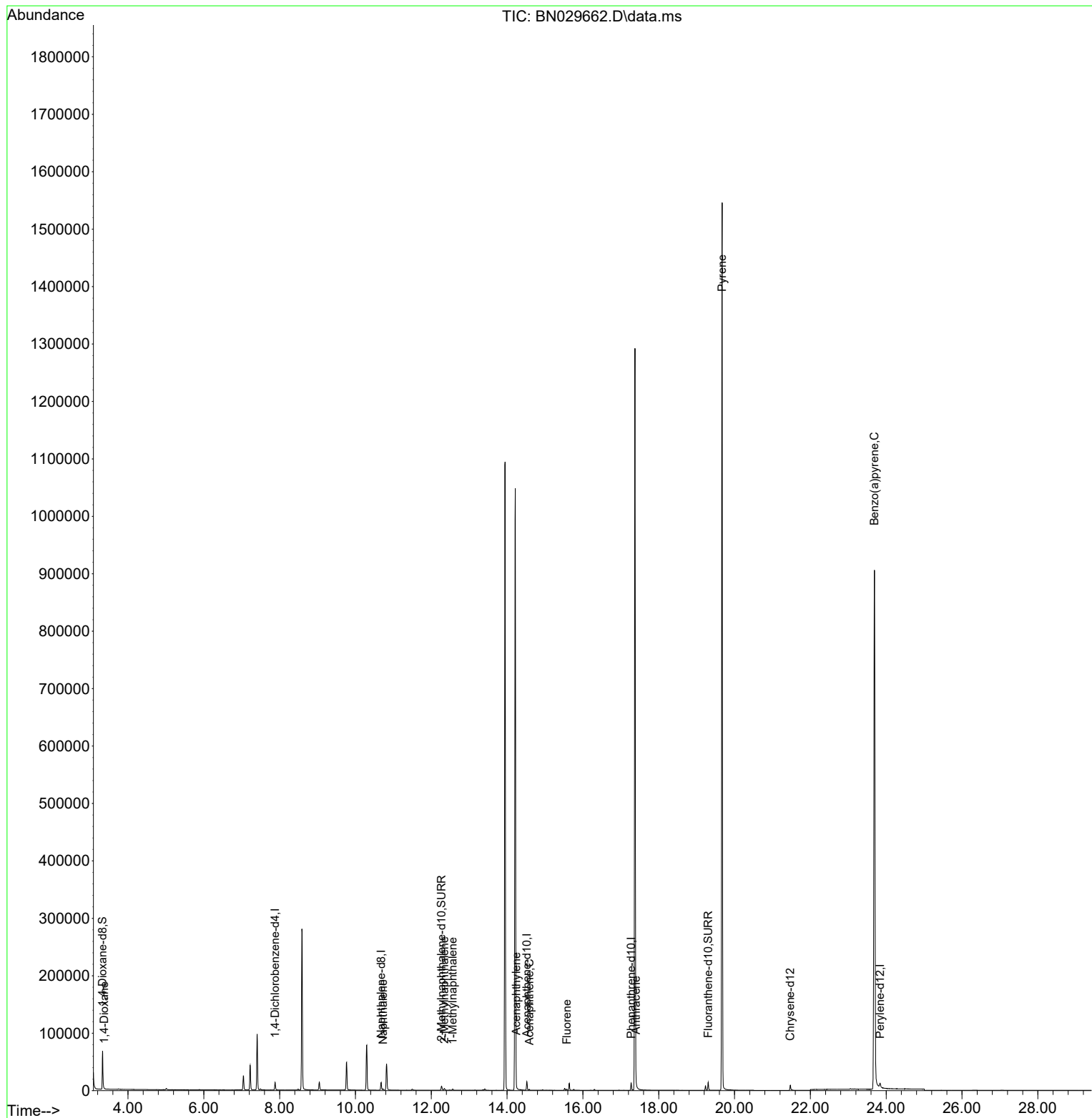
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	6368	0.400	ng/ul	0.00
4) Naphthalene-d8	10.678	136	17713	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.520	164	8104	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	14676	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	10187	0.400	ng/ul	0.00
23) Perylene-d12	23.839	264	13515	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	41447	5.220	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.272	152	9789	0.434	ng/ul	0.00
18) Fluoranthene-d10	19.304	212	14703	0.439	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	173	0.020	ng/ul#	59
5) Naphthalene	10.727	128	3049	0.061	ng/ul#	94
7) 2-Methylnaphthalene	12.344	142	2256	0.079	ng/ul	99
8) 1-Methylnaphthalene	12.564	142	1471	0.051	ng/ul	99
10) Acenaphthylene	14.243	152	1511	0.038	ng/ul#	84
11) Acenaphthene	14.585	153	820	0.027	ng/ul	97
12) Fluorene	15.575	166	1100	0.035	ng/ul#	97
16) Anthracene	17.403	178	937	0.024	ng/ul#	77
20) Pyrene	19.671	202	2659	0.055	ng/ul#	1
26) Benzo(a)pyrene	23.690	252	5227	0.109	ng/ul#	65

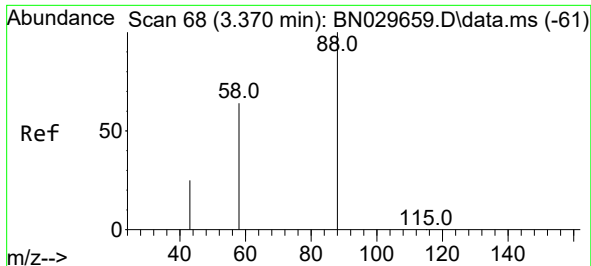
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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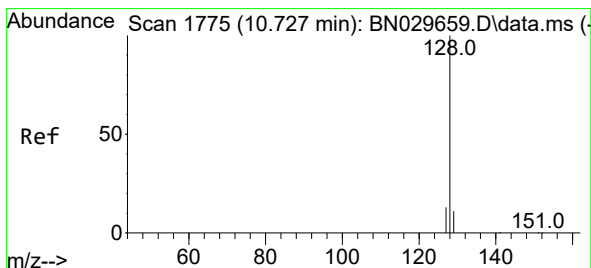
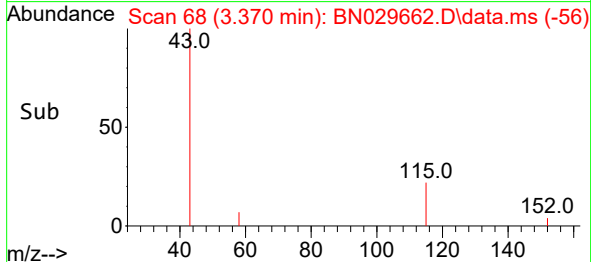
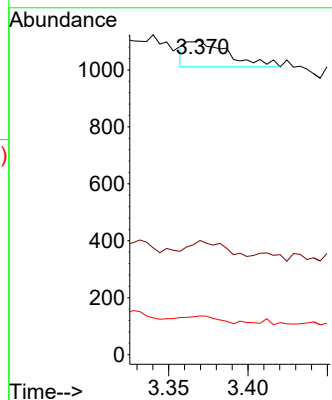
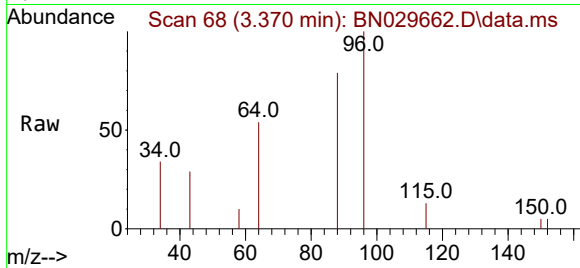




#2
1,4-Dioxane
Concen: 0.020 ng/ul
RT: 3.370 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN029662.D
Acq: 11 Feb 2024 00:51

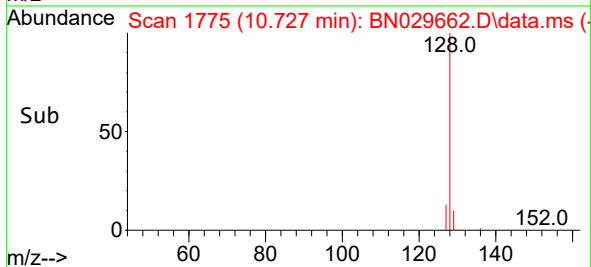
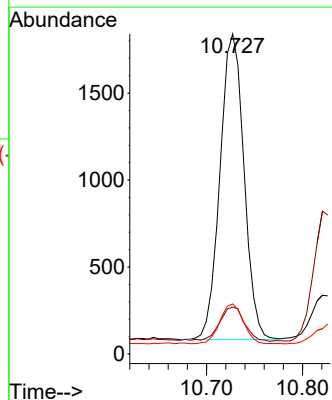
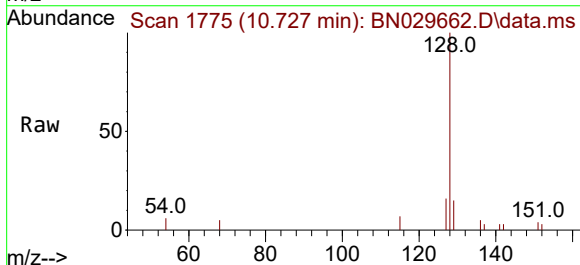
Instrument :
BNA_N
ClientSampleId :
C0AH5

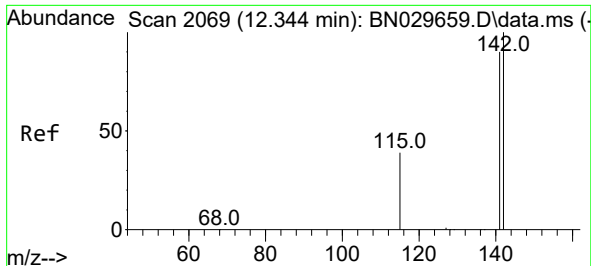
Tgt Ion: 88 Resp: 173
Ion Ratio Lower Upper
88 100
43 36.3 21.8 32.6#
58 12.3 39.3 58.9#



#5
Naphthalene
Concen: 0.061 ng/ul
RT: 10.727 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BN029662.D
Acq: 11 Feb 2024 00:51

Tgt Ion: 128 Resp: 3049
Ion Ratio Lower Upper
128 100
129 14.7 9.1 13.7#
127 15.7 11.0 16.6

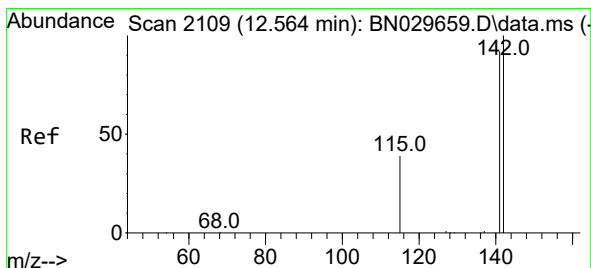
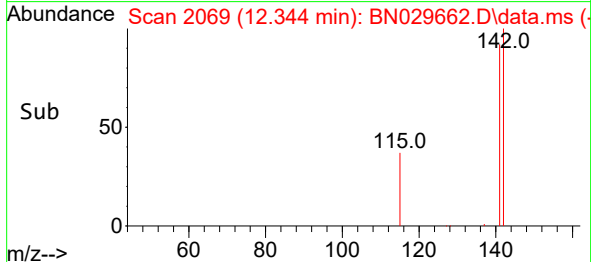
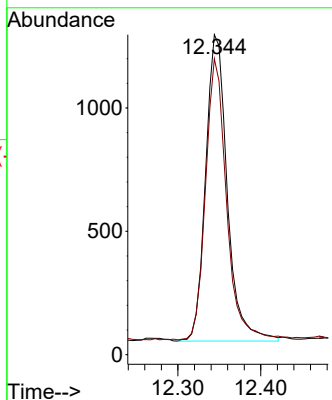
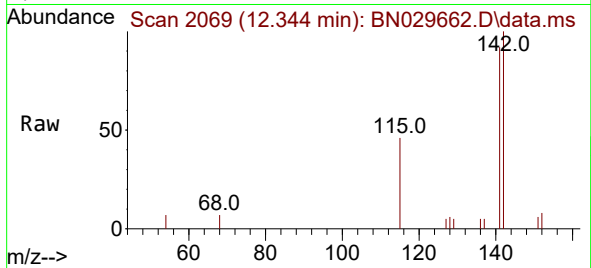




#7
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.344 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BN029662.D
Acq: 11 Feb 2024 00:51

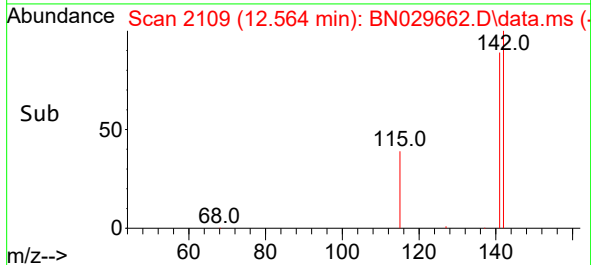
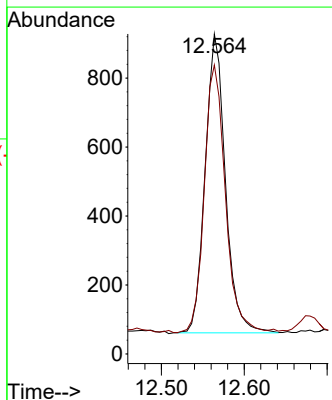
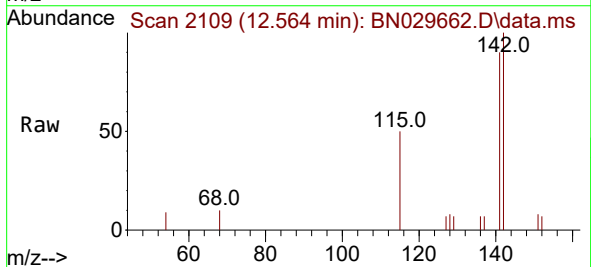
Instrument :
BNA_N
ClientSampleId :
C0AH5

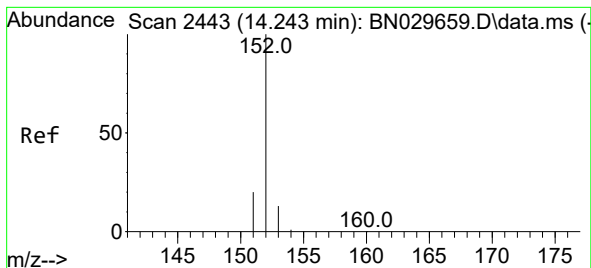
Tgt Ion:142 Resp: 2256
Ion Ratio Lower Upper
142 100
141 88.1 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.564 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN029662.D
Acq: 11 Feb 2024 00:51

Tgt Ion:142 Resp: 1471
Ion Ratio Lower Upper
142 100
141 93.4 73.9 110.9





#10

Acenaphthylene

Concen: 0.038 ng/ul

RT: 14.243 min Scan# 2443

Delta R.T. -0.000 min

Lab File: BN029662.D

Acq: 11 Feb 2024 00:51

Instrument :

BNA_N

ClientSampleId :

C0AH5

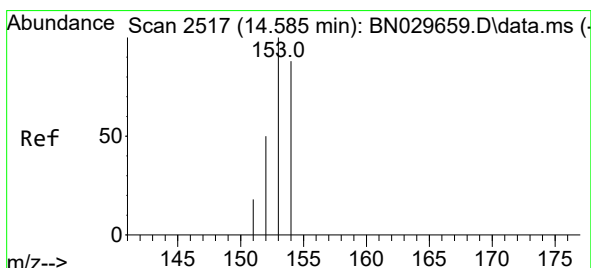
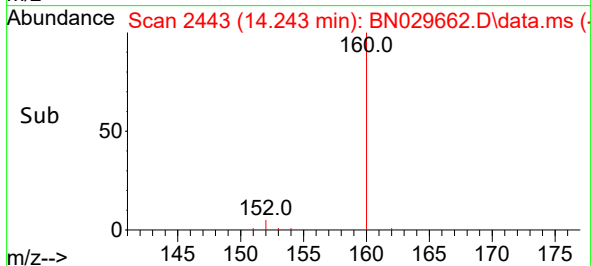
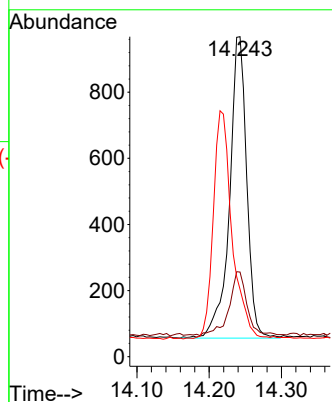
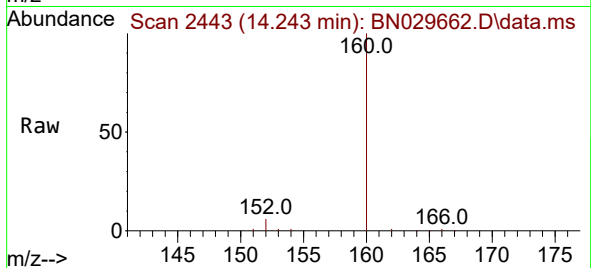
Tgt Ion:152 Resp: 1511

Ion Ratio Lower Upper

152 100

151 26.4 15.8 23.8#

153 21.1 10.9 16.3#



#11

Acenaphthene

Concen: 0.027 ng/ul

RT: 14.585 min Scan# 2517

Delta R.T. -0.000 min

Lab File: BN029662.D

Acq: 11 Feb 2024 00:51

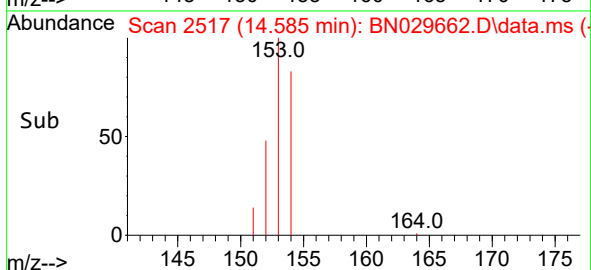
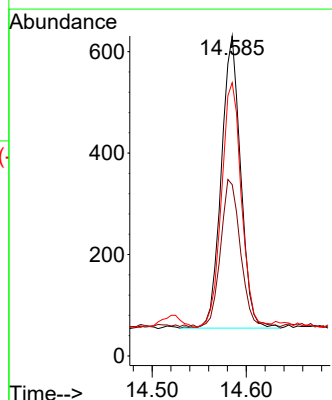
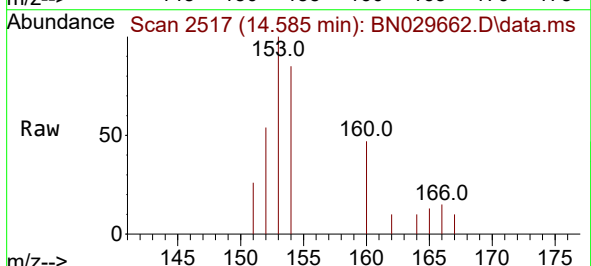
Tgt Ion:153 Resp: 820

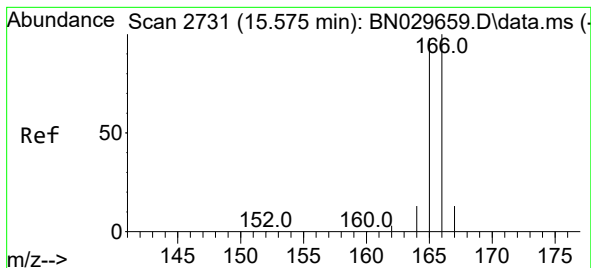
Ion Ratio Lower Upper

153 100

152 53.6 41.5 62.3

154 85.4 70.9 106.3





#12

Fluorene

Concen: 0.035 ng/ul

RT: 15.575 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN029662.D

Acq: 11 Feb 2024 00:51

Instrument :

BNA_N

ClientSampleId :

C0AH5

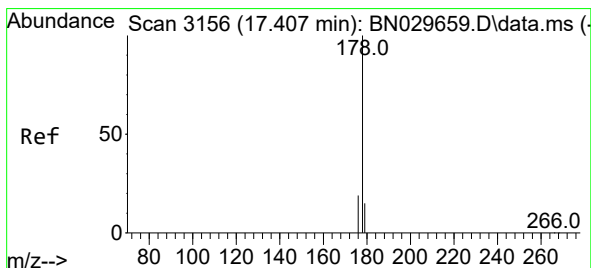
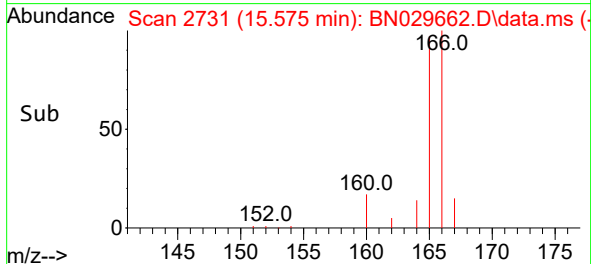
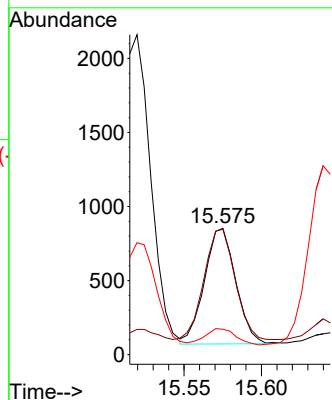
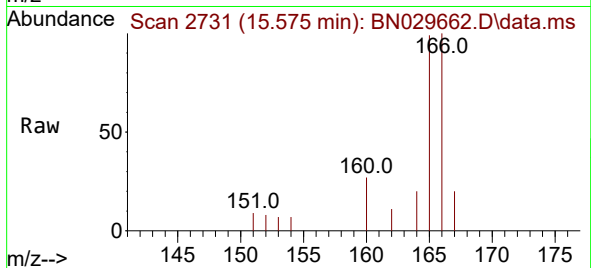
Tgt Ion:166 Resp: 1100

Ion Ratio Lower Upper

166 100

165 99.3 78.6 117.8

167 20.2 11.5 17.3#



#16

Anthracene

Concen: 0.024 ng/ul

RT: 17.403 min Scan# 3155

Delta R.T. -0.004 min

Lab File: BN029662.D

Acq: 11 Feb 2024 00:51

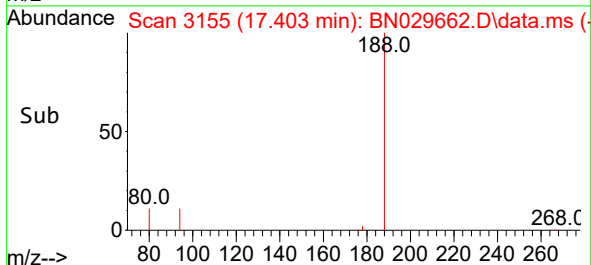
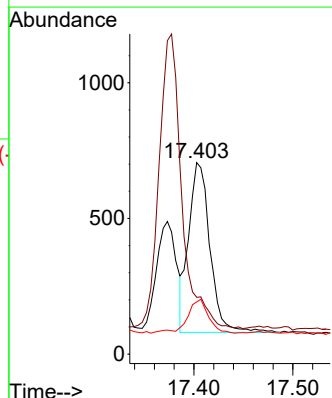
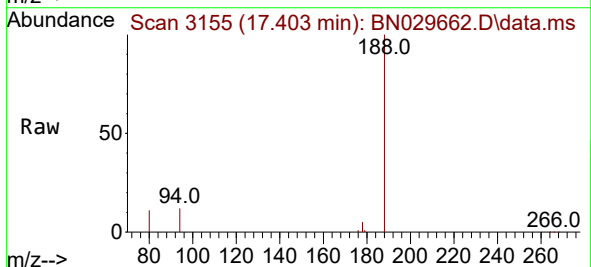
Tgt Ion:178 Resp: 937

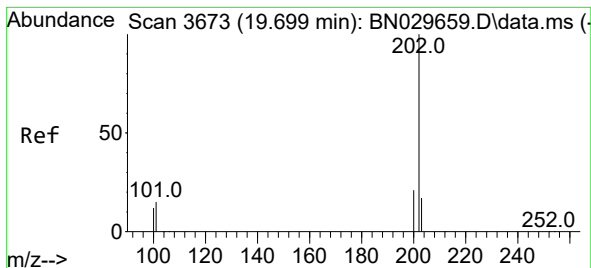
Ion Ratio Lower Upper

178 100

179 29.6 12.9 19.3#

176 27.2 15.8 23.8#





#20

Pyrene

Concen: 0.055 ng/ul

RT: 19.671 min Scan# 3

Delta R.T. -0.028 min

Lab File: BN029662.D

Acq: 11 Feb 2024 00:51

Instrument :

BNA_N

ClientSampleId :

C0AH5

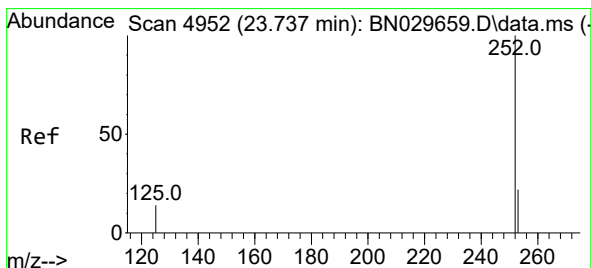
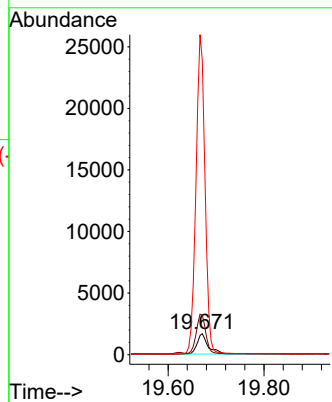
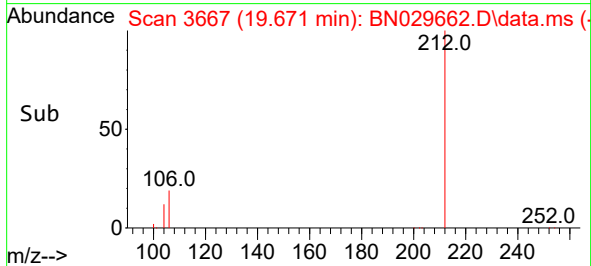
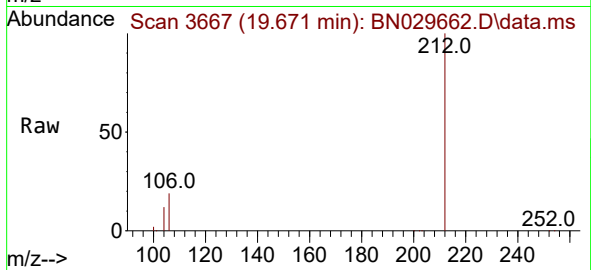
Tgt Ion:202 Resp: 2659

Ion Ratio Lower Upper

202 100

101 189.0 12.5 18.7#

100 1400.0 10.0 15.0#



#26

Benzo(a)pyrene

Concen: 0.109 ng/ul

RT: 23.690 min Scan# 4936

Delta R.T. -0.047 min

Lab File: BN029662.D

Acq: 11 Feb 2024 00:51

Tgt Ion:252 Resp: 5227

Ion Ratio Lower Upper

252 100

253 50.2 25.4 38.0#

125 37.6 16.0 24.0#

