

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
 Data File : BN029696.D
 Acq On : 11 Feb 2024 22:33
 Operator : MA/JU
 Sample : P1398-05
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AF9

Quant Time: Feb 11 23:29:16 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)

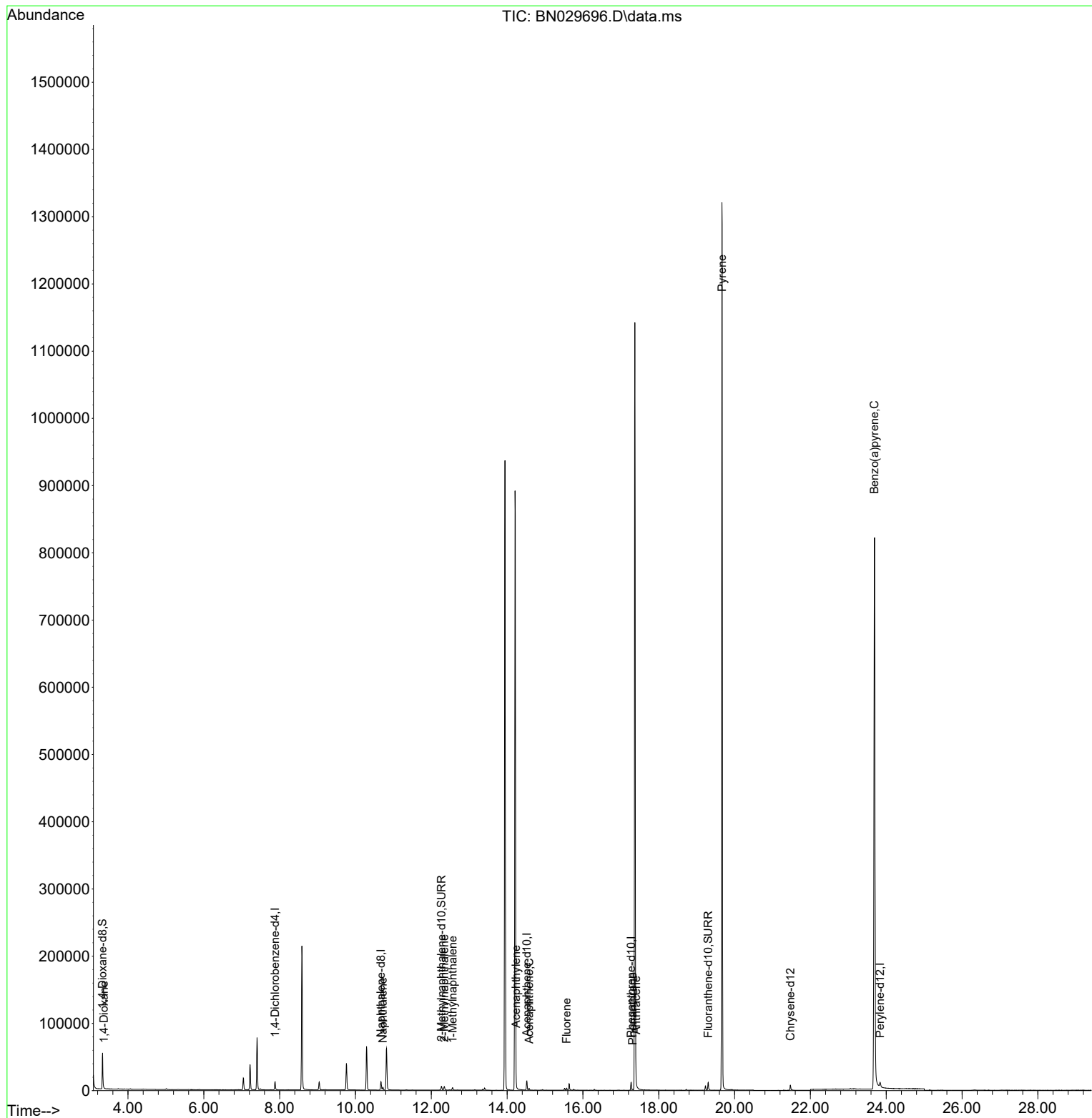
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	6086	0.400	ng/ul	0.00
4) Naphthalene-d8	10.672	136	16587	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.520	164	7462	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	13470	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	8850	0.400	ng/ul	0.00
23) Perylene-d12	23.837	264	11865	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	32585	4.294	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	8051	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.304	212	12423	0.427	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.366	88	238	0.029	ng/ul#	59
5) Naphthalene	10.722	128	5646	0.121	ng/ul	97
7) 2-Methylnaphthalene	12.344	142	4057	0.152	ng/ul	100
8) 1-Methylnaphthalene	12.564	142	2673	0.098	ng/ul	100
10) Acenaphthylene	14.238	152	2472	0.068	ng/ul#	92
11) Acenaphthene	14.580	153	1410	0.051	ng/ul	99
12) Fluorene	15.571	166	1870	0.065	ng/ul#	97
15) Phenanthrene	17.310	178	1548	0.037	ng/ul#	86
16) Anthracene	17.403	178	1841	0.052	ng/ul#	89
20) Pyrene	19.671	202	2696	0.065	ng/ul#	1
26) Benzo(a)pyrene	23.688	252	4945	0.118	ng/ul#	62

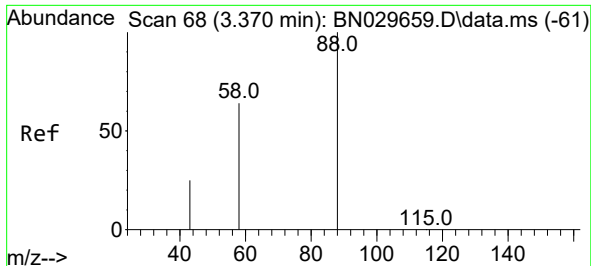
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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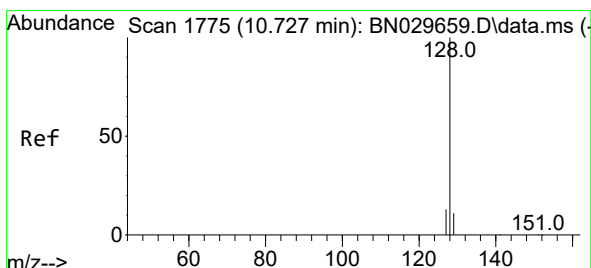
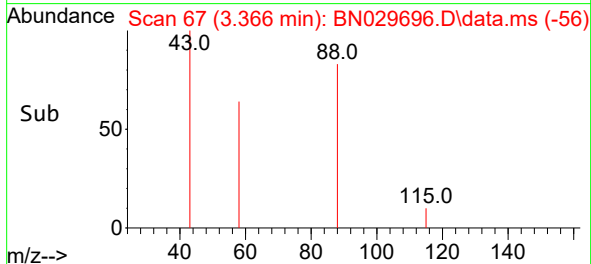
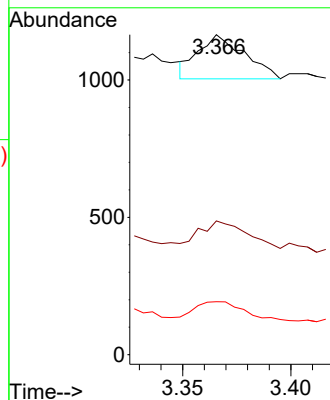
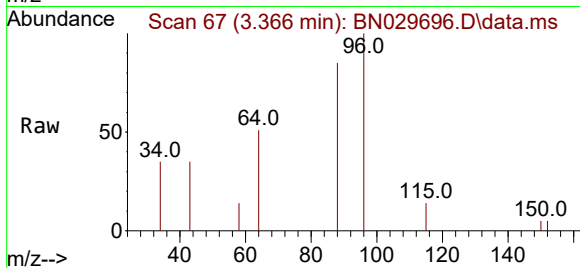




#2
1,4-Dioxane
Concen: 0.029 ng/ul
RT: 3.366 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN029696.D
Acq: 11 Feb 2024 22:33

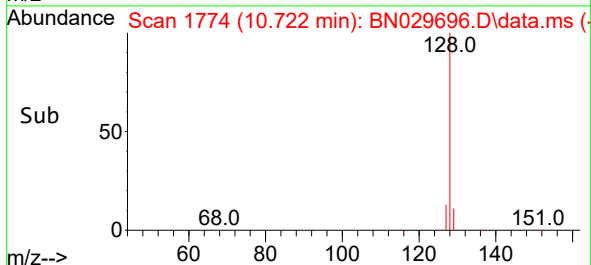
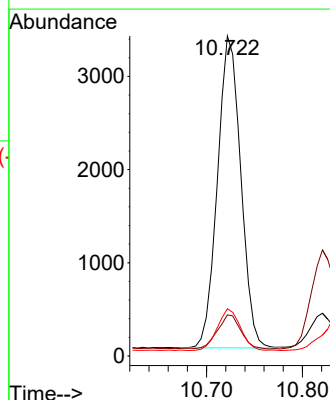
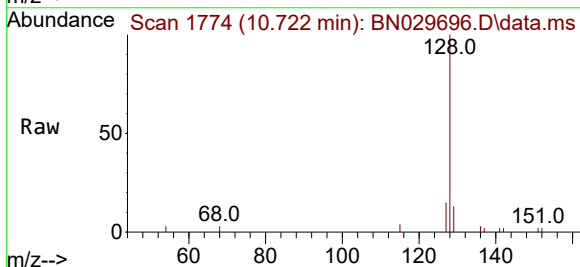
Instrument :
BNA_N
ClientSampleId :
C0AF9

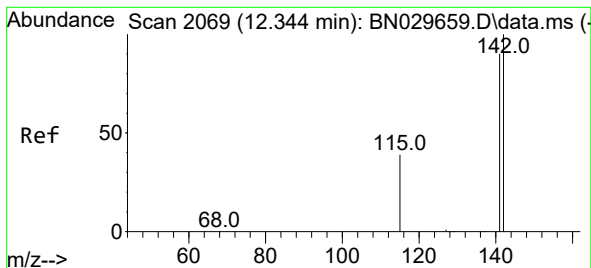
Tgt Ion: 88 Resp: 238
Ion Ratio Lower Upper
88 100
43 41.8 21.8 32.6#
58 16.6 39.3 58.9#



#5
Naphthalene
Concen: 0.121 ng/ul
RT: 10.722 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BN029696.D
Acq: 11 Feb 2024 22:33

Tgt Ion:128 Resp: 5646
Ion Ratio Lower Upper
128 100
129 12.8 9.1 13.7
127 14.8 11.0 16.6

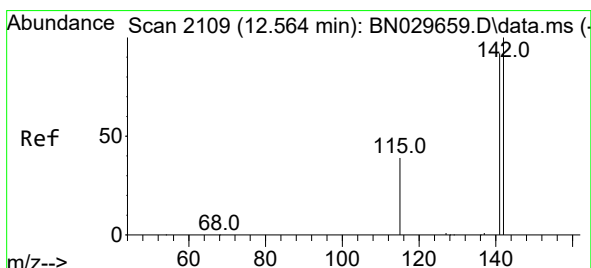
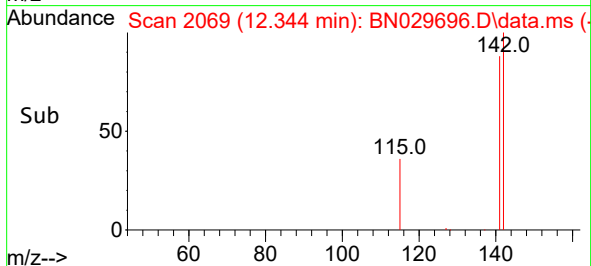
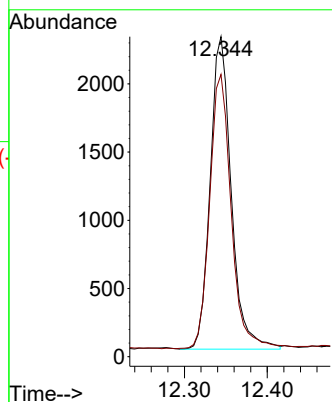
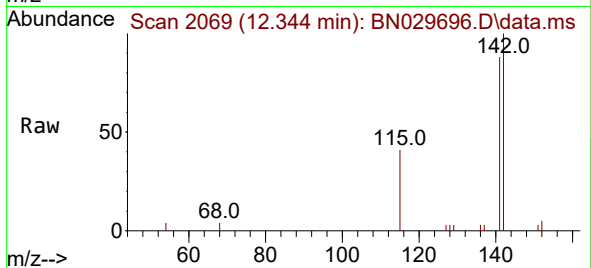




#7
2-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 12.344 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BN029696.D
Acq: 11 Feb 2024 22:33

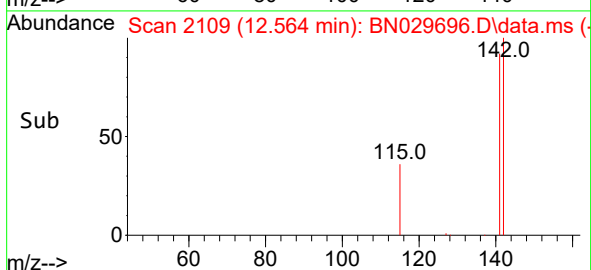
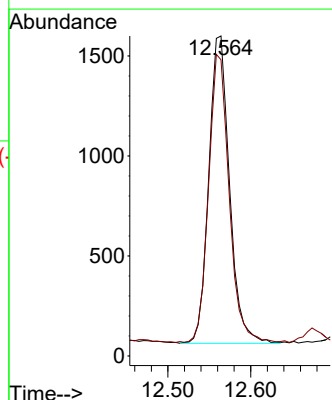
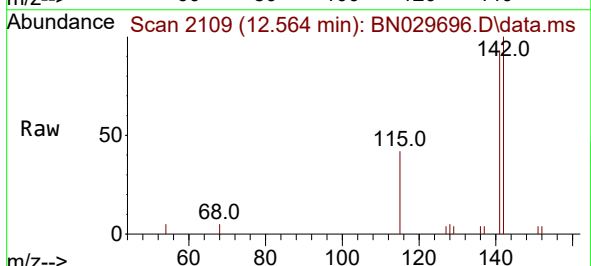
Instrument :
BNA_N
ClientSampleId :
C0AF9

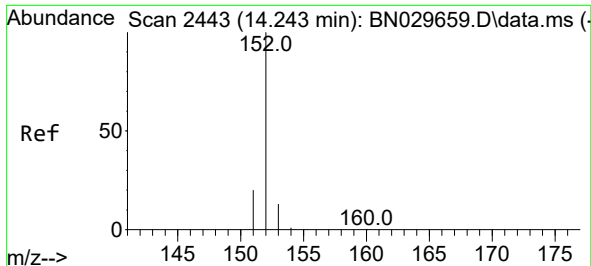
Tgt Ion:142 Resp: 4057
Ion Ratio Lower Upper
142 100
141 89.3 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.564 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BN029696.D
Acq: 11 Feb 2024 22:33

Tgt Ion:142 Resp: 2673
Ion Ratio Lower Upper
142 100
141 92.7 73.9 110.9

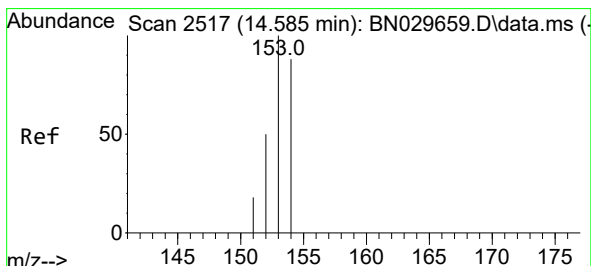
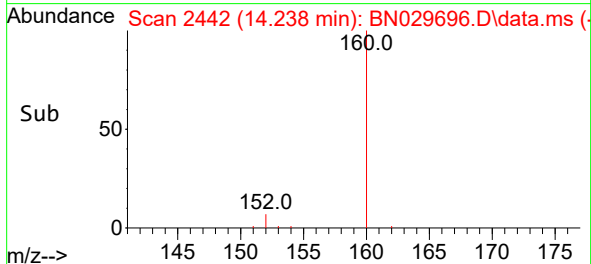
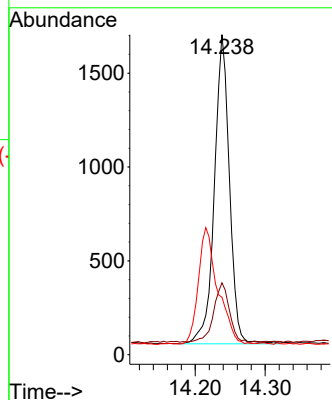
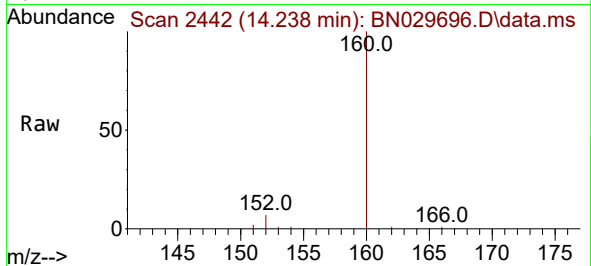




#10
Acenaphthylene
Concen: 0.068 ng/ul
RT: 14.238 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BN029696.D
Acq: 11 Feb 2024 22:33

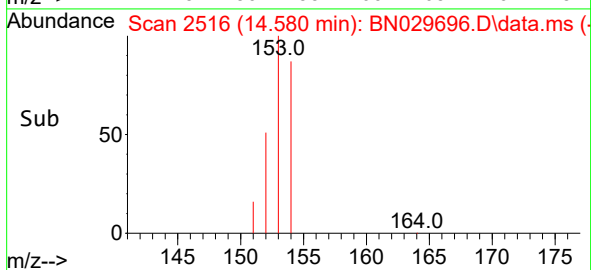
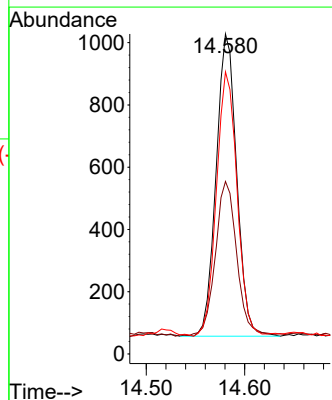
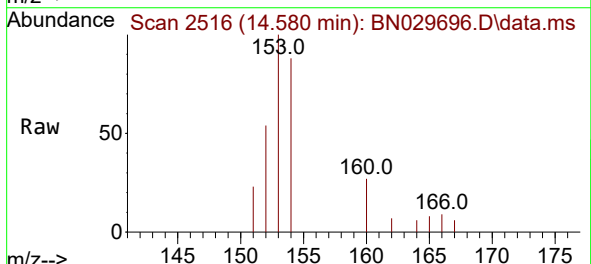
Instrument :
BNA_N
ClientSampleId :
C0AF9

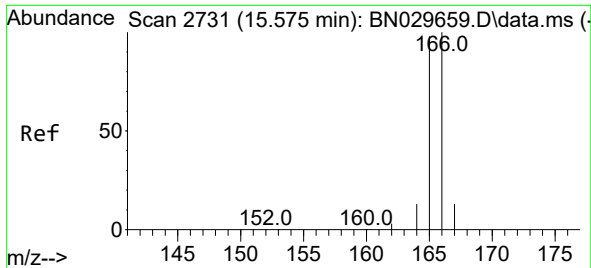
Tgt Ion:152 Resp: 2472
Ion Ratio Lower Upper
152 100
151 22.5 15.8 23.8
153 17.9 10.9 16.3#



#11
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.580 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BN029696.D
Acq: 11 Feb 2024 22:33

Tgt Ion:153 Resp: 1410
Ion Ratio Lower Upper
153 100
152 53.9 41.5 62.3
154 88.1 70.9 106.3

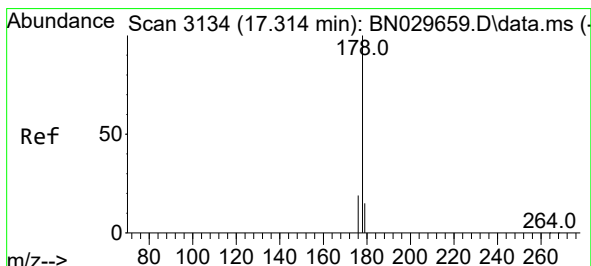
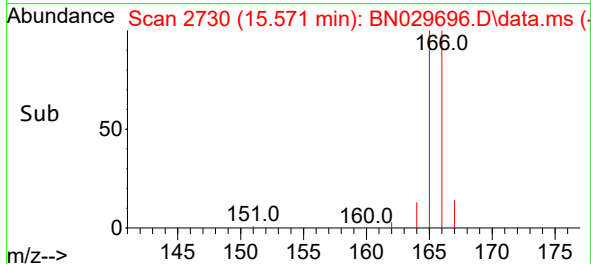
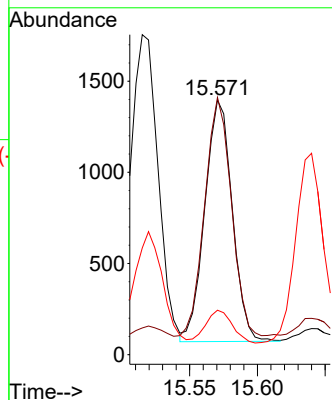
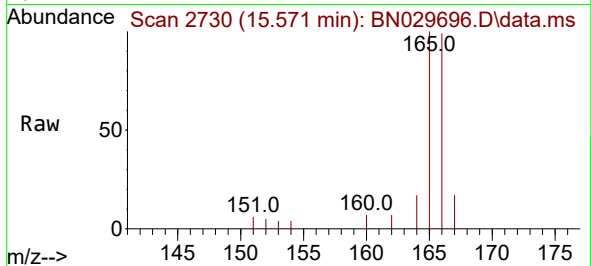




#12
Fluorene
Concen: 0.065 ng/ul
RT: 15.571 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN029696.D
Acq: 11 Feb 2024 22:33

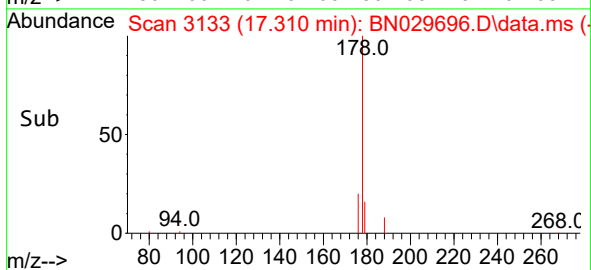
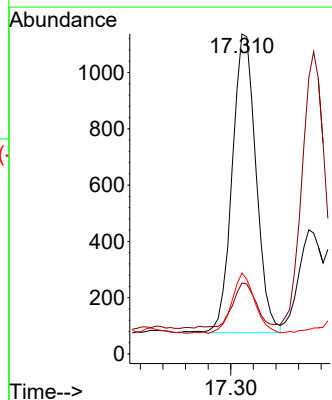
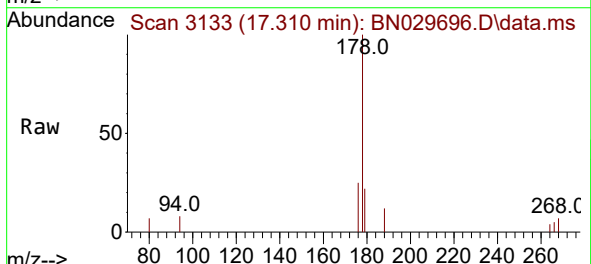
Instrument :
BNA_N
ClientSampleId :
C0AF9

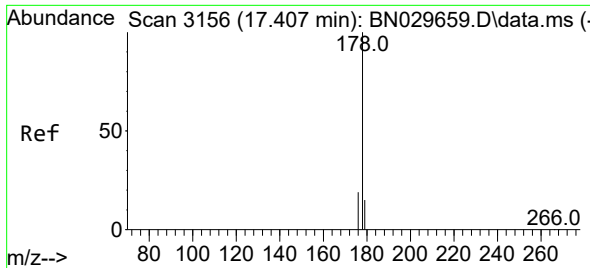
Tgt Ion:166 Resp: 1870
Ion Ratio Lower Upper
166 100
165 101.1 78.6 117.8
167 17.5 11.5 17.3#



#15
Phenanthrene
Concen: 0.037 ng/ul
RT: 17.310 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BN029696.D
Acq: 11 Feb 2024 22:33

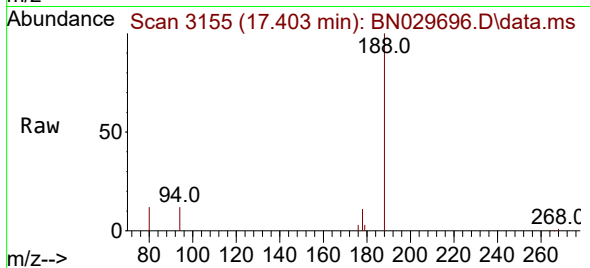
Tgt Ion:178 Resp: 1548
Ion Ratio Lower Upper
178 100
179 22.2 12.6 18.8#
176 25.2 15.7 23.5#



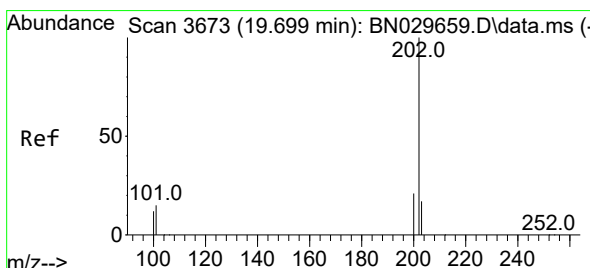
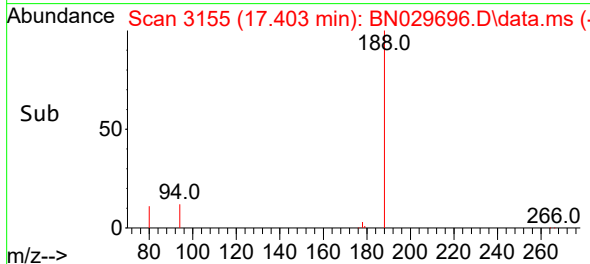
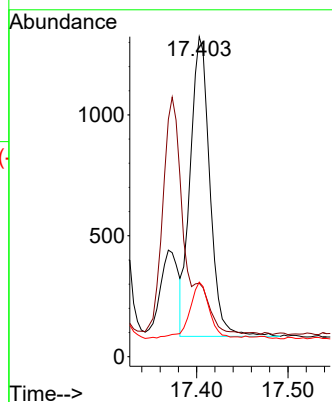


#16
 Anthracene
 Concen: 0.052 ng/ul
 RT: 17.403 min Scan# 3156
 Delta R.T. -0.004 min
 Lab File: BN029696.D
 Acq: 11 Feb 2024 22:33

Instrument :
 BNA_N
 ClientSampleId :
 C0AF9

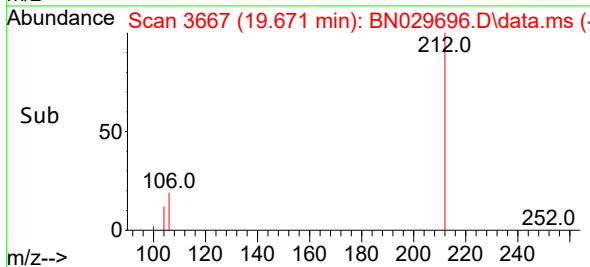
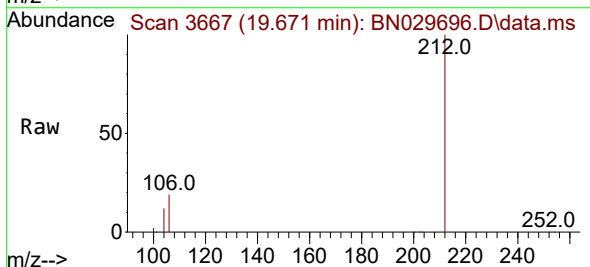
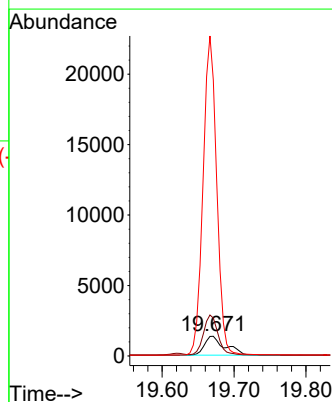


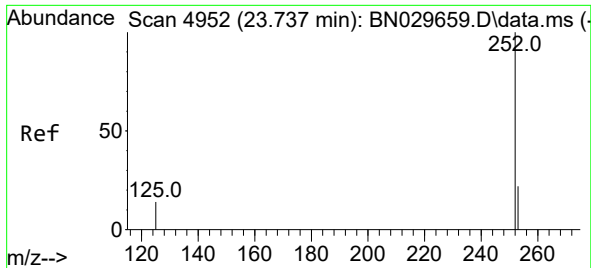
Tgt Ion:178 Resp: 1841
 Ion Ratio Lower Upper
 178 100
 179 23.0 12.9 19.3#
 176 23.3 15.8 23.8



#20
 Pyrene
 Concen: 0.065 ng/ul
 RT: 19.671 min Scan# 3667
 Delta R.T. -0.028 min
 Lab File: BN029696.D
 Acq: 11 Feb 2024 22:33

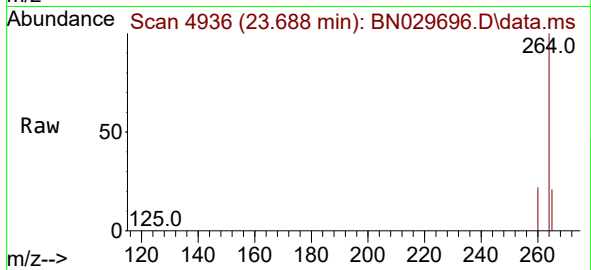
Tgt Ion:202 Resp: 2696
 Ion Ratio Lower Upper
 202 100
 101 192.1 12.5 18.7#
 100 1395.3 10.0 15.0#





#26
Benzo(a)pyrene
Concen: 0.118 ng/ul
RT: 23.688 min Scan# 4936
Delta R.T. -0.048 min
Lab File: BN029696.D
Acq: 11 Feb 2024 22:33

Instrument :
BNA_N
ClientSampleId :
C0AF9



Tgt Ion:252 Resp: 4945
Ion Ratio Lower Upper
252 100
253 52.6 25.4 38.0#
125 37.2 16.0 24.0#

