

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032639.D
 Acq On : 11 Jul 2024 17:08
 Operator : MA/JU
 Sample : P3102-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE1MS

Quant Time: Jul 12 01:55:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

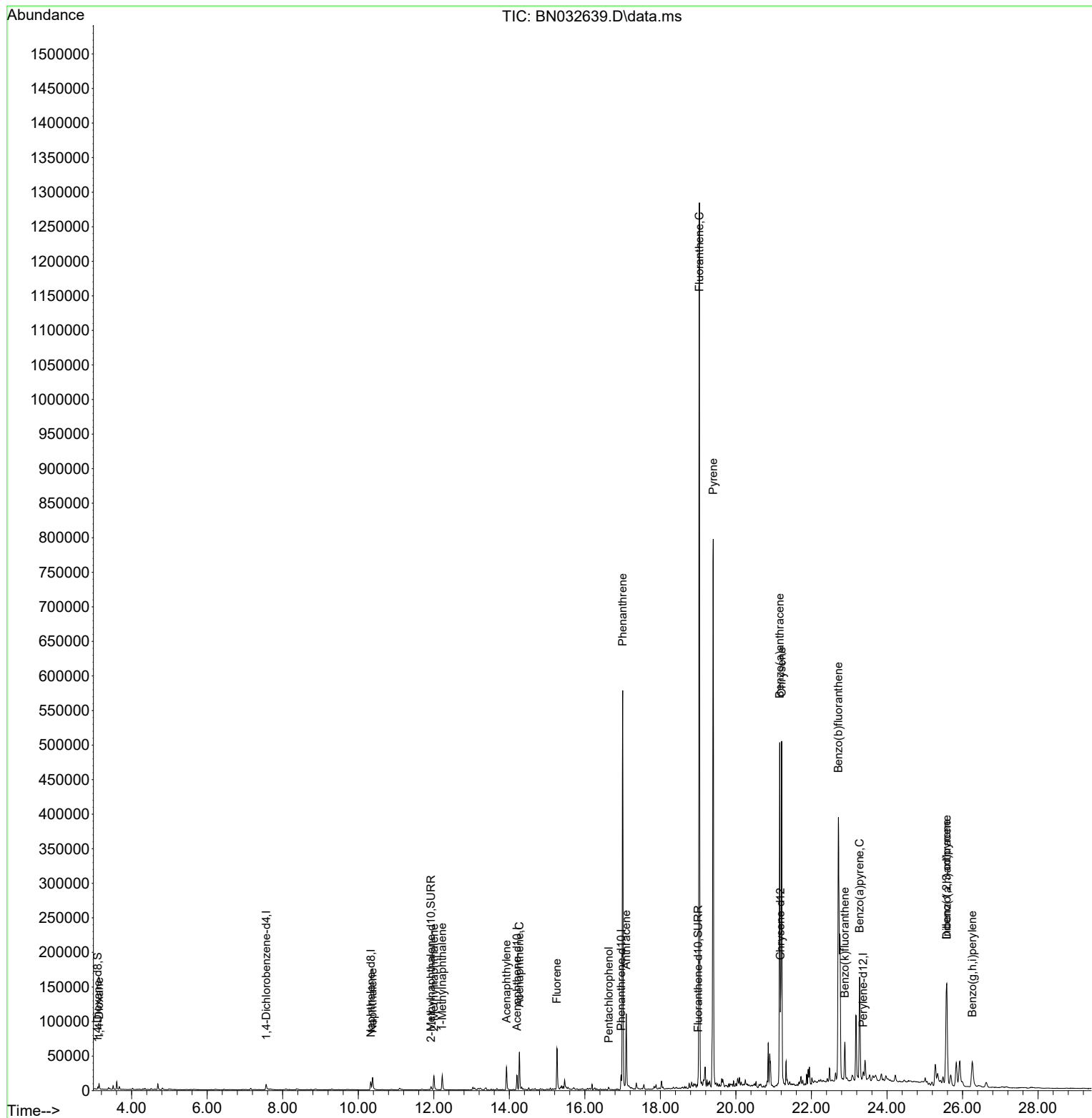
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	5749	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.332	136	19903	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	12100	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	25407	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	15187	0.400	ng/ul	#-0.02
23) Perylene-d12	23.371	264	17954	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	2002	0.290	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	7543	0.251	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	15917	0.322	ng/ul	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.139	88	5965	0.759	ng/ul#	90
5) Naphthalene	10.382	128	30433	0.569	ng/ul	97
7) 2-Methylnaphthalene	12.004	142	17726	0.531	ng/ul	98
8) 1-Methylnaphthalene	12.224	142	16497	0.478	ng/ul	99
10) Acenaphthylene	13.924	152	43926	0.899	ng/ul	99
11) Acenaphthene	14.267	153	33577	0.831	ng/ul	99
12) Fluorene	15.261	166	43746	0.947	ng/ul	98
14) Pentachlorophenol	16.632	266	3300	0.740	ng/ul	98
15) Phenanthrene	17.003	178	626906	9.060	ng/ul	98
16) Anthracene	17.096	178	130606	2.310	ng/ul	99
19) Fluoranthene	19.031	202	1122926	18.186	ng/ul	97
20) Pyrene	19.398	202	706548	11.055	ng/ul	97
21) Benzo(a)anthracene	21.159	228	425156	8.795	ng/ul	99
22) Chrysene	21.211	228	495535	7.086	ng/ul	98
24) Benzo(b)fluoranthene	22.713	252	842092	13.293	ng/ul	90
25) Benzo(k)fluoranthene	22.883	252	68760	0.891	ng/ul	94
26) Benzo(a)pyrene	23.278	252	211481	3.858	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.579	276	218191	2.939	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.582	278	86276	1.499	ng/ul	97
29) Benzo(g,h,i)perylene	26.260	276	77403	1.248	ng/ul	99

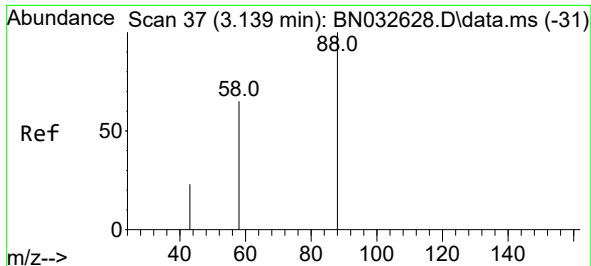
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032639.D
Acq On : 11 Jul 2024 17:08
Operator : MA/JU
Sample : P3102-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1MS

Quant Time: Jul 12 01:55:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

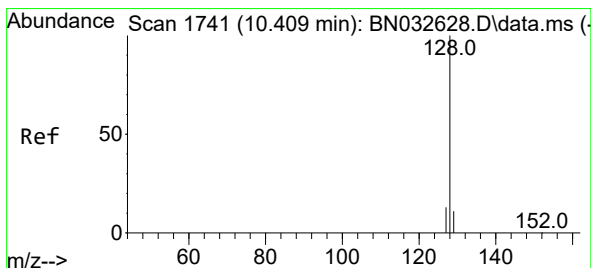
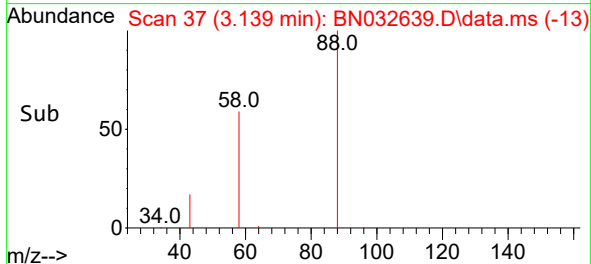
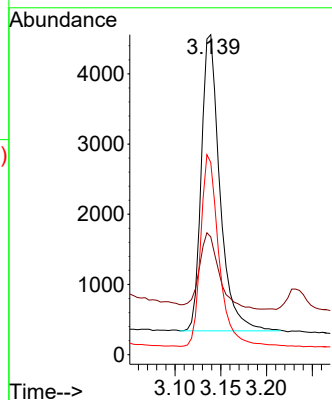
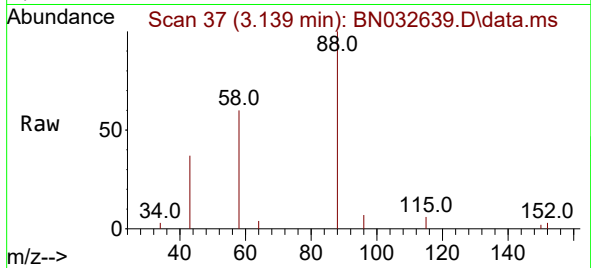




#2
1,4-Dioxane
Concen: 0.759 ng/ul
RT: 3.139 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

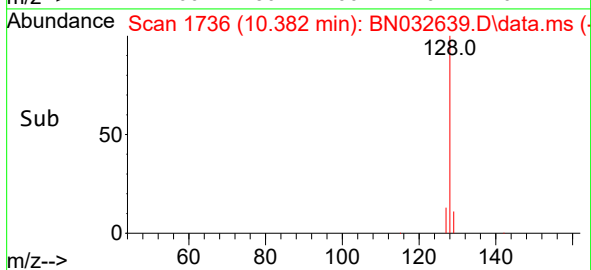
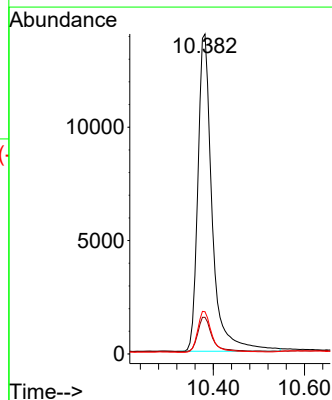
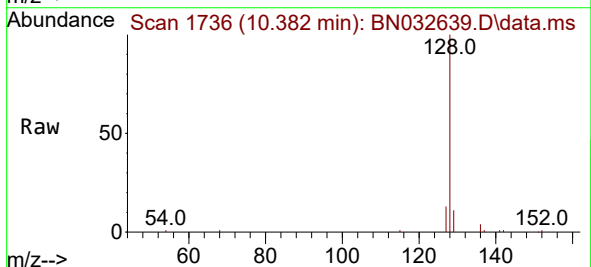
Instrument :
BNA_N
ClientSampleId :
A4CE1MS

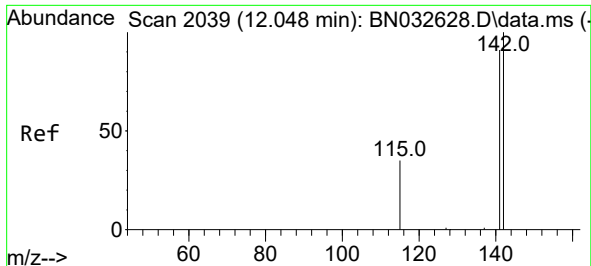
Tgt Ion: 88 Resp: 5965
Ion Ratio Lower Upper
88 100
43 36.8 24.0 36.0#
58 60.1 43.3 64.9



#5
Naphthalene
Concen: 0.569 ng/ul
RT: 10.382 min Scan# 1736
Delta R.T. -0.028 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

Tgt Ion:128 Resp: 30433
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 13.2 11.6 17.4

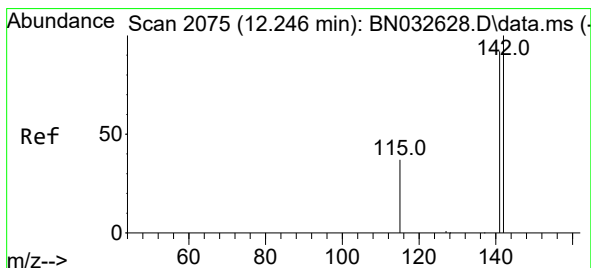
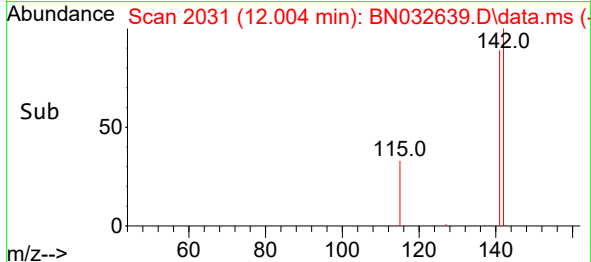
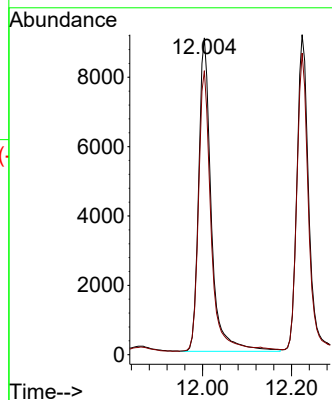
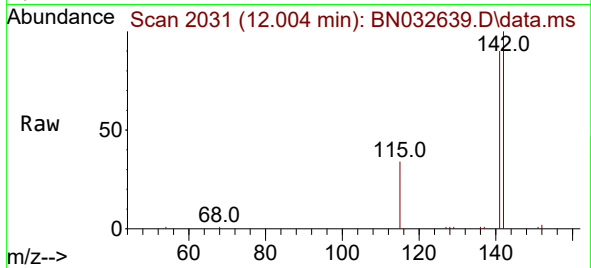




#7
2-Methylnaphthalene
Concen: 0.531 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

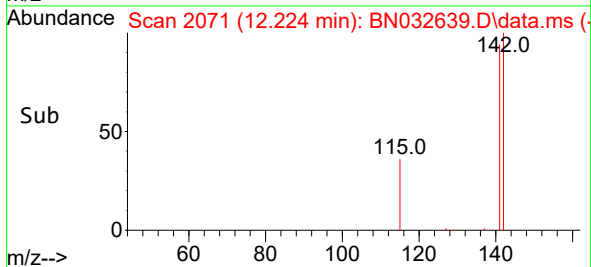
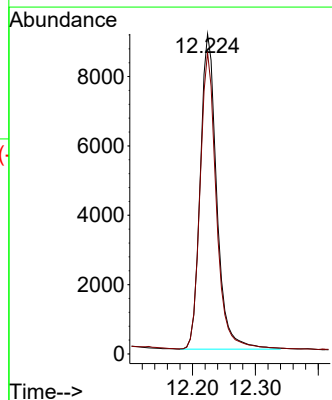
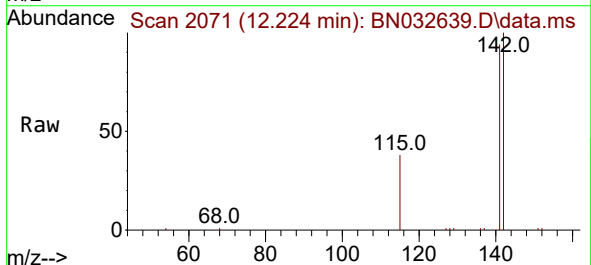
Instrument :
BNA_N
ClientSampleId :
A4CE1MS

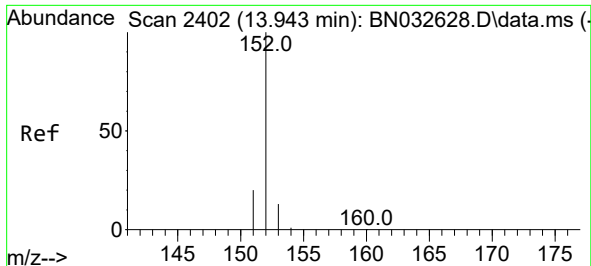
Tgt Ion:142 Resp: 17726
Ion Ratio Lower Upper
142 100
141 90.4 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.478 ng/ul
RT: 12.224 min Scan# 2071
Delta R.T. -0.022 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

Tgt Ion:142 Resp: 16497
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.4

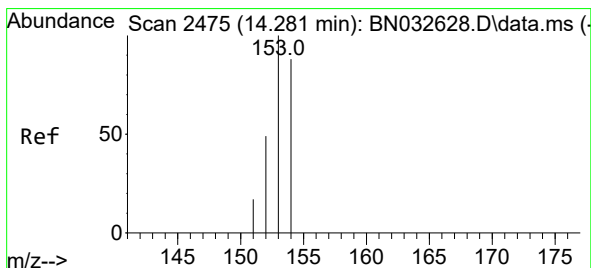
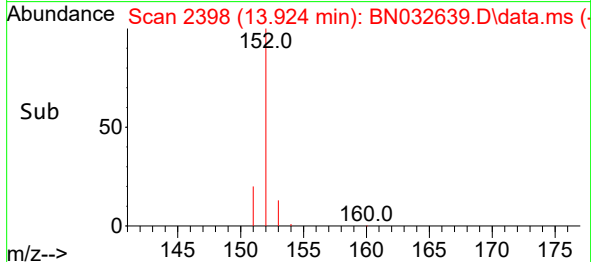
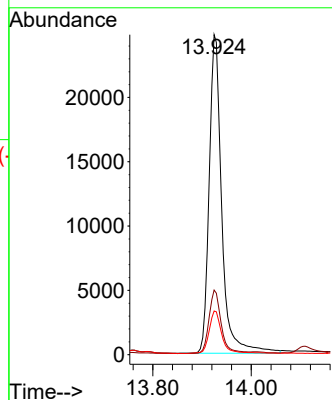
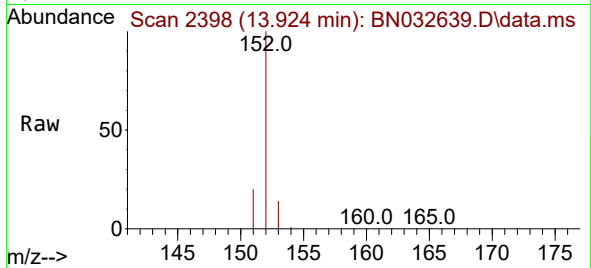




#10
Acenaphthylene
Concen: 0.899 ng/ul
RT: 13.924 min Scan# 21
Delta R.T. -0.019 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

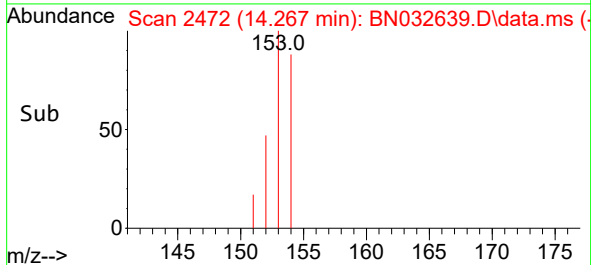
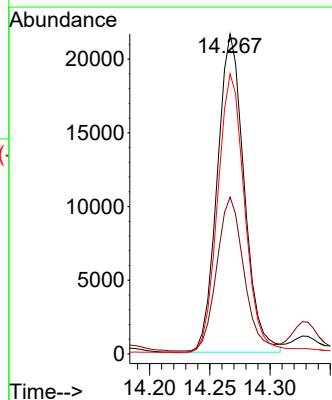
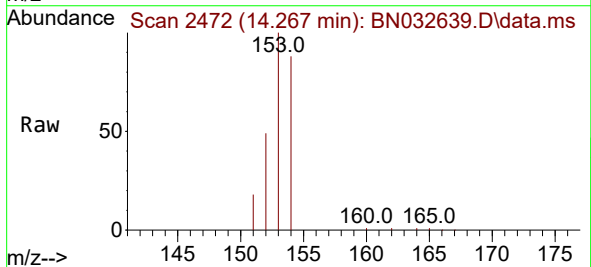
Instrument :
BNA_N
ClientSampleId :
A4CE1MS

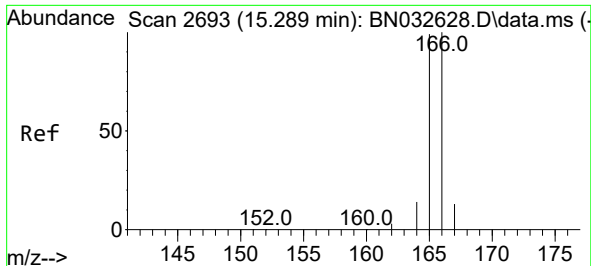
Tgt Ion:152 Resp: 43926
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.7 11.3 16.9



#11
Acenaphthene
Concen: 0.831 ng/ul
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

Tgt Ion:153 Resp: 33577
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 87.5 70.2 105.4

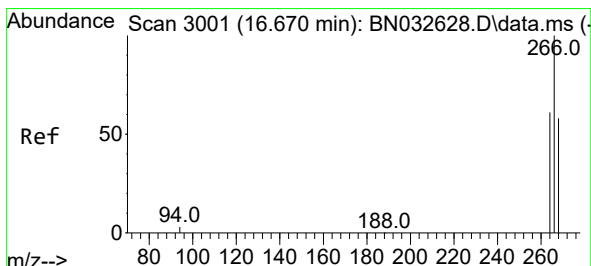
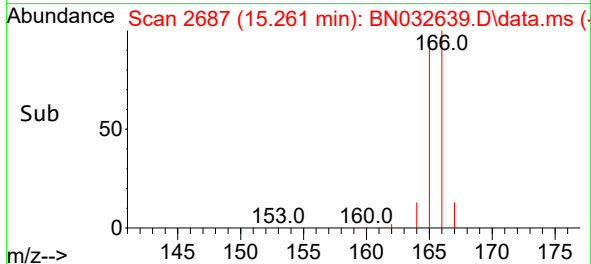
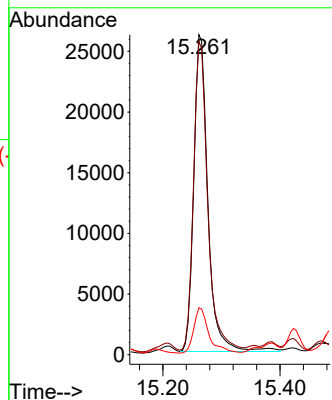
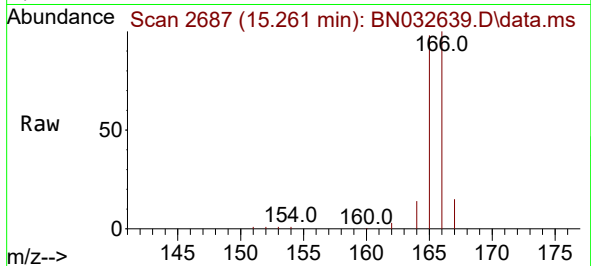




#12
 Fluorene
 Concen: 0.947 ng/ul
 RT: 15.261 min Scan# 21
 Delta R.T. -0.028 min
 Lab File: BN032639.D
 Acq: 11 Jul 2024 17:08

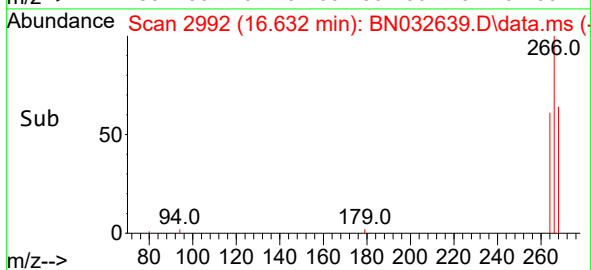
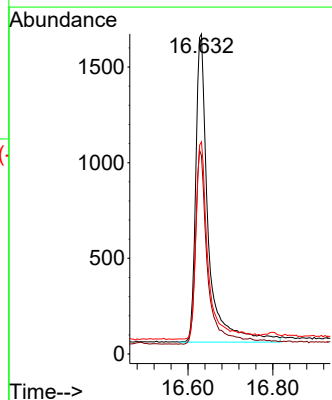
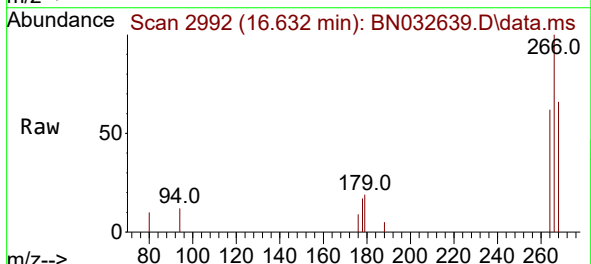
Instrument :
 BNA_N
 ClientSampleId :
 A4CE1MS

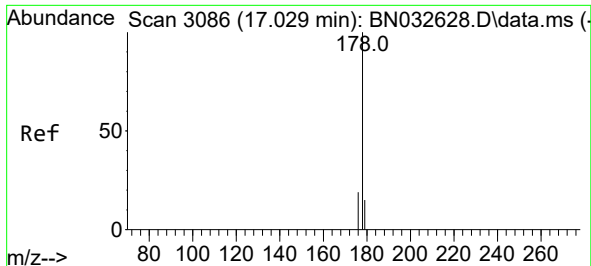
Tgt Ion:166 Resp: 43746
 Ion Ratio Lower Upper
 166 100
 165 97.9 79.7 119.5
 167 14.6 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.740 ng/ul
 RT: 16.632 min Scan# 2992
 Delta R.T. -0.038 min
 Lab File: BN032639.D
 Acq: 11 Jul 2024 17:08

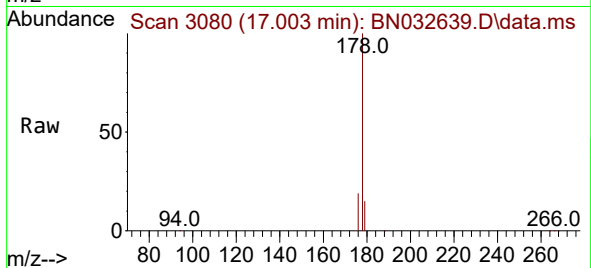
Tgt Ion:266 Resp: 3300
 Ion Ratio Lower Upper
 266 100
 264 63.2 49.4 74.2
 268 63.2 51.6 77.4



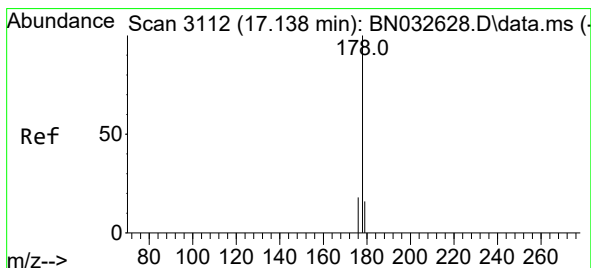
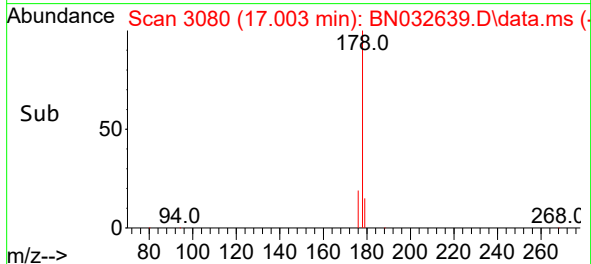
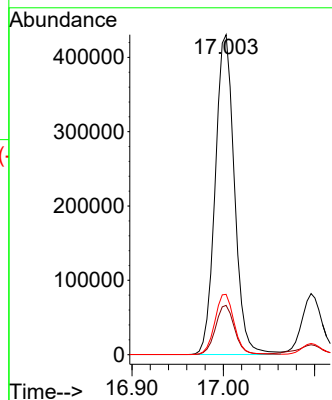


#15
Phenanthrene
Concen: 9.060 ng/ul
RT: 17.003 min Scan# 3080
Delta R.T. -0.025 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

Instrument :
BNA_N
ClientSampleId :
A4CE1MS

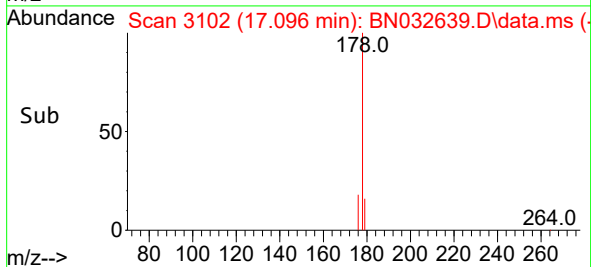
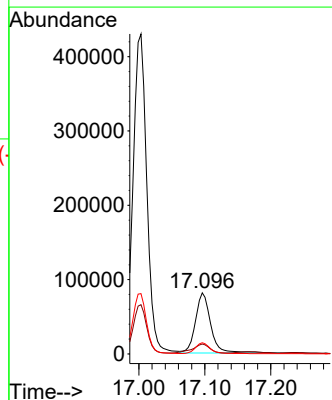
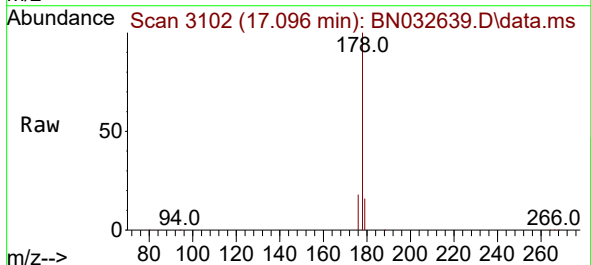


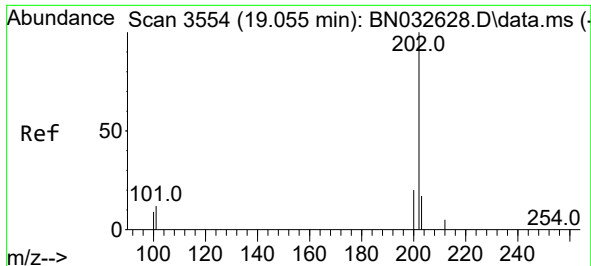
Tgt Ion:178 Resp: 626906
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 18.8 15.6 23.4



#16
Anthracene
Concen: 2.310 ng/ul
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

Tgt Ion:178 Resp: 130606
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.2
176 18.5 15.4 23.0

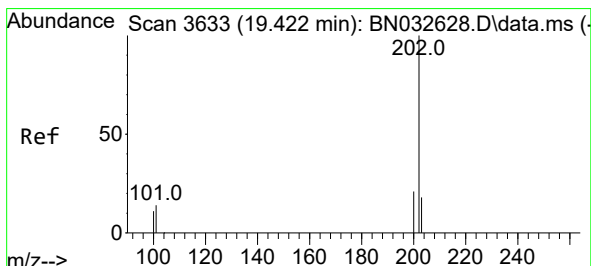
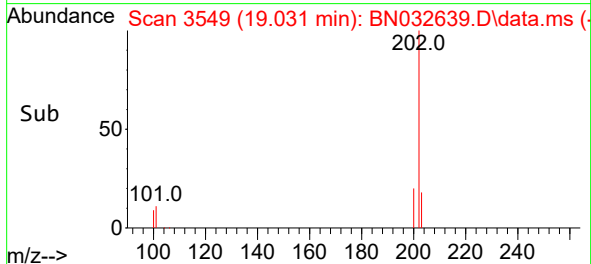
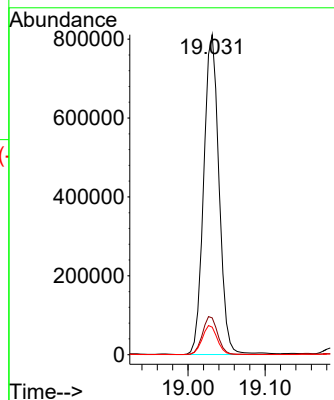
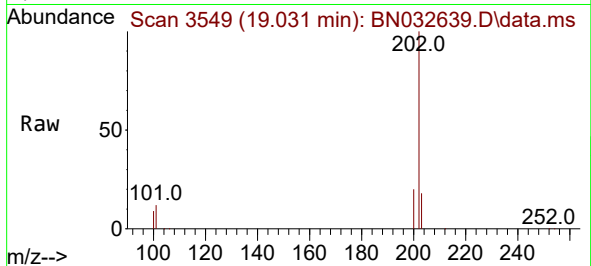




#19
Fluoranthene
Concen: 18.186 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.023 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

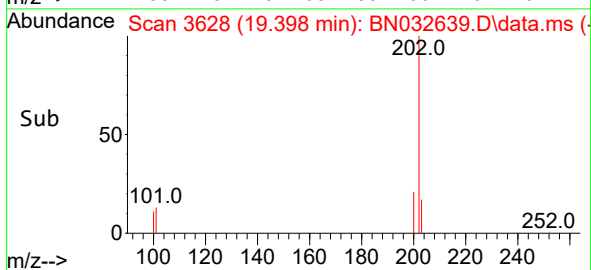
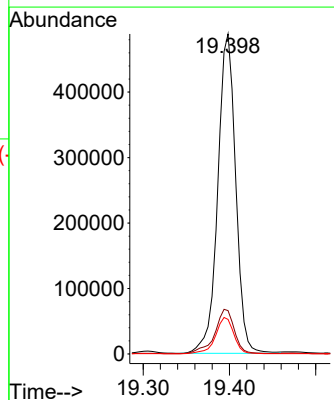
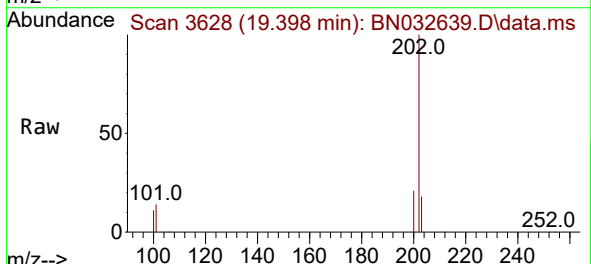
Instrument :
BNA_N
ClientSampleId :
A4CE1MS

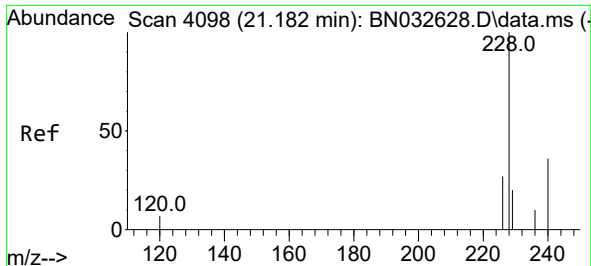
Tgt Ion:202 Resp: 1122926
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.8
100 8.6 7.9 11.9



#20
Pyrene
Concen: 11.055 ng/ul
RT: 19.398 min Scan# 3628
Delta R.T. -0.023 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

Tgt Ion:202 Resp: 706548
Ion Ratio Lower Upper
202 100
101 13.5 11.8 17.6
100 10.8 9.6 14.4

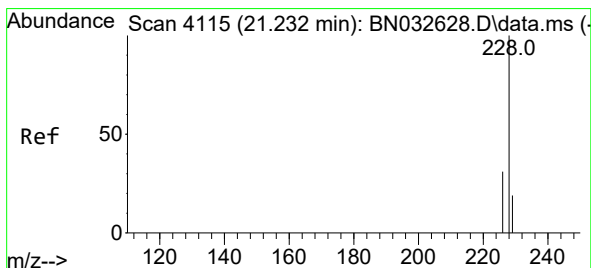
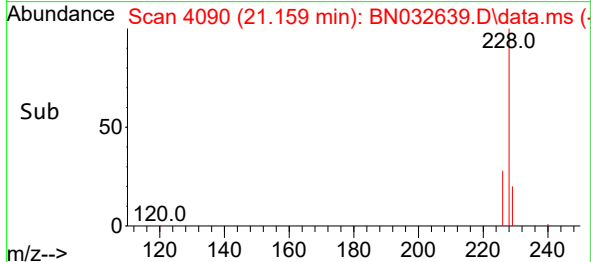
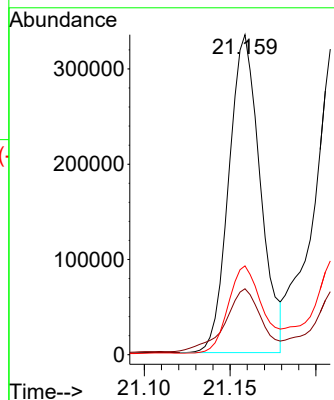
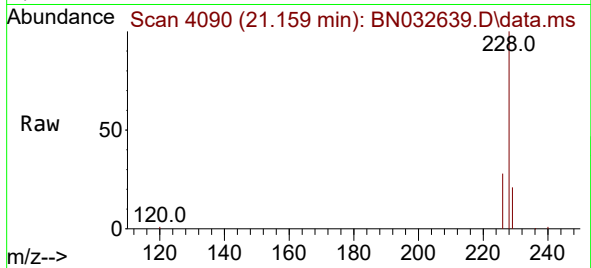




#21
Benzo(a)anthracene
Concen: 8.795 ng/ul
RT: 21.159 min Scan# 4090
Delta R.T. -0.024 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

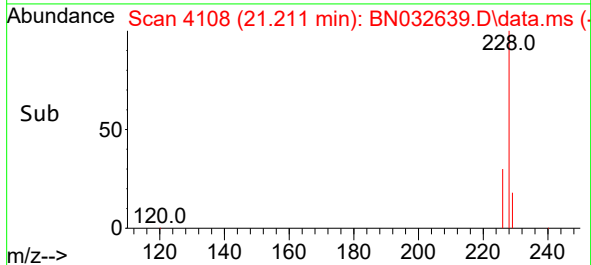
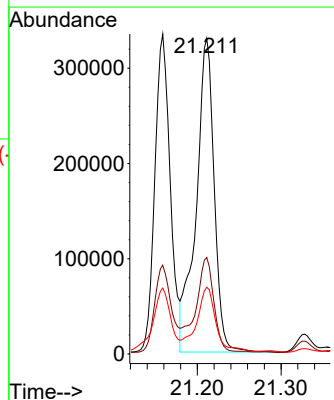
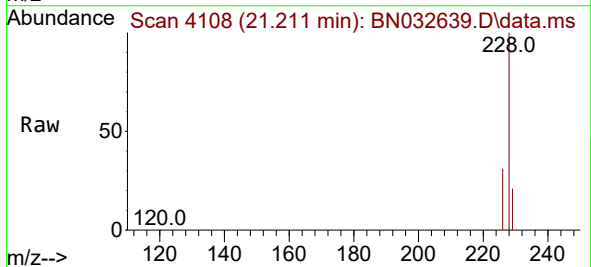
Instrument :
BNA_N
ClientSampleId :
A4CE1MS

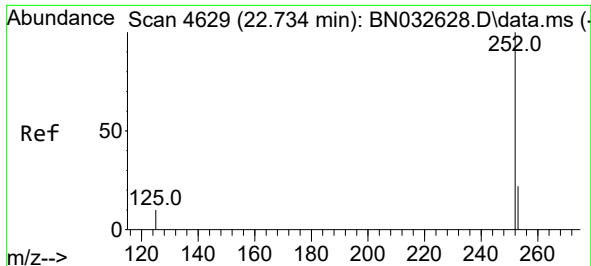
Tgt Ion:228 Resp: 425156
Ion Ratio Lower Upper
228 100
229 20.6 16.1 24.1
226 27.8 21.9 32.9



#22
Chrysene
Concen: 7.086 ng/ul
RT: 21.211 min Scan# 4108
Delta R.T. -0.021 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

Tgt Ion:228 Resp: 495535
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 21.2 15.8 23.6

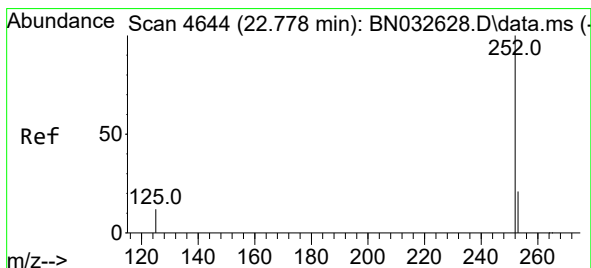
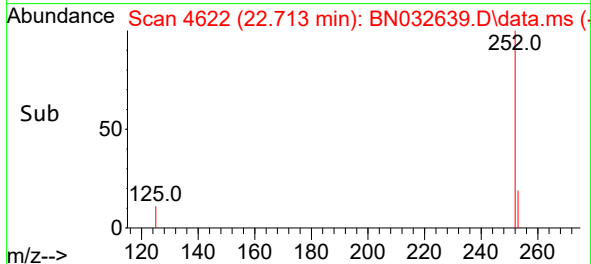
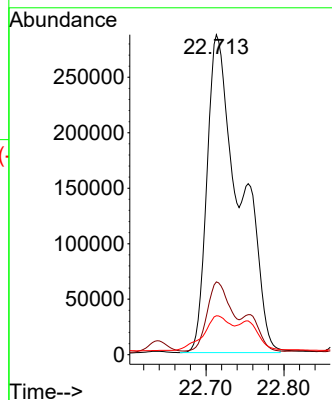
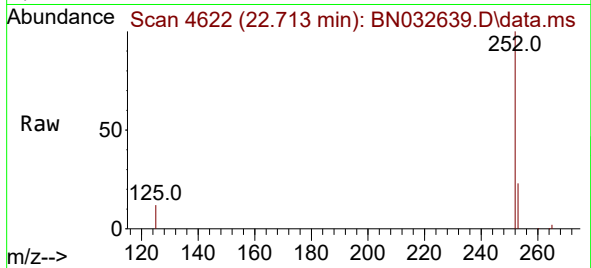




#24
Benzo(b)fluoranthene
Concen: 13.293 ng/ul
RT: 22.713 min Scan# 4622
Delta R.T. -0.021 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

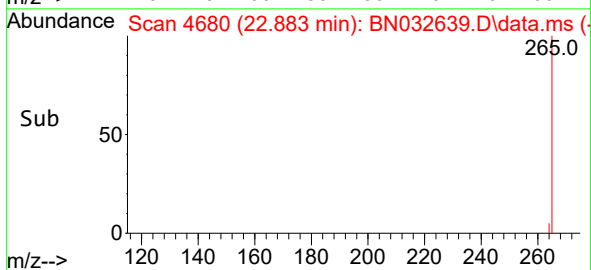
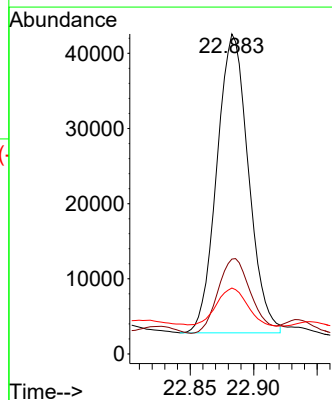
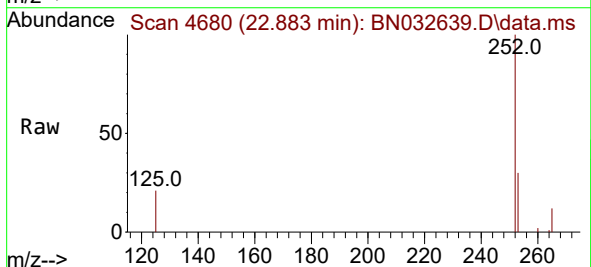
Instrument :
BNA_N
ClientSampleId :
A4CE1MS

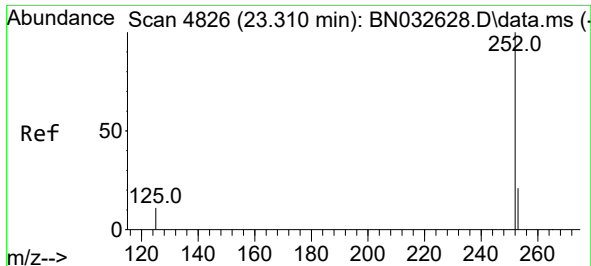
Tgt Ion:252 Resp: 842092
Ion Ratio Lower Upper
252 100
253 22.8 0.0 54.0
125 12.2 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.891 ng/ul
RT: 22.883 min Scan# 4680
Delta R.T. 0.105 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

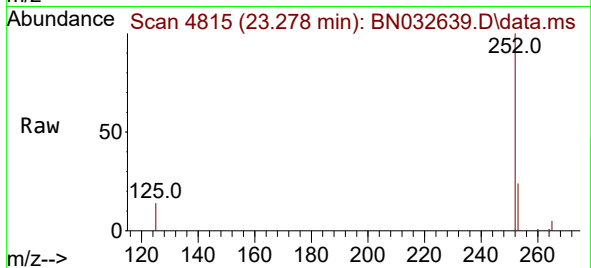
Tgt Ion:252 Resp: 68760
Ion Ratio Lower Upper
252 100
253 29.7 21.2 31.8
125 20.6 14.8 22.2



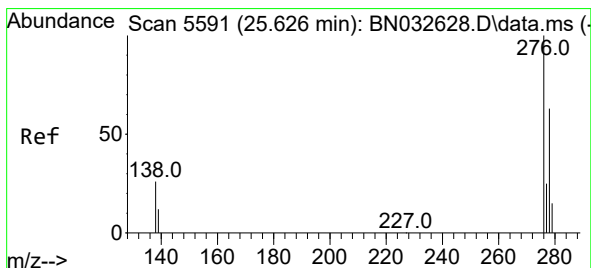
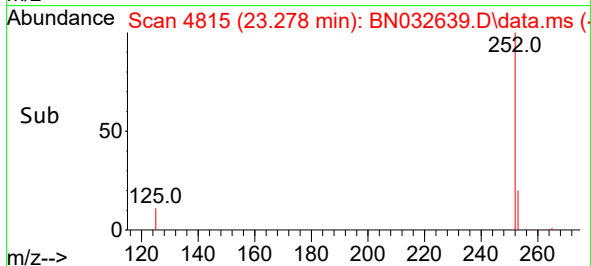
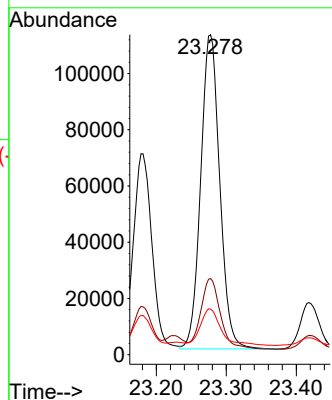


#26
Benzo(a)pyrene
Concen: 3.858 ng/ul
RT: 23.278 min Scan# 4815
Delta R.T. -0.032 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

Instrument :
BNA_N
ClientSampleId :
A4CE1MS

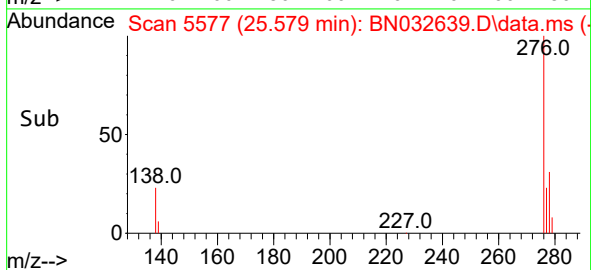
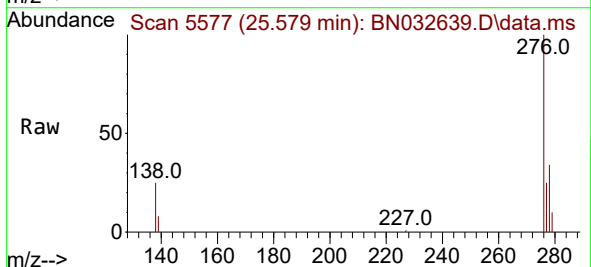
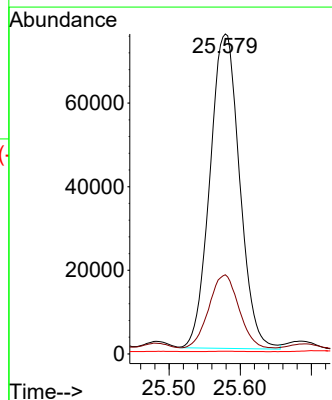


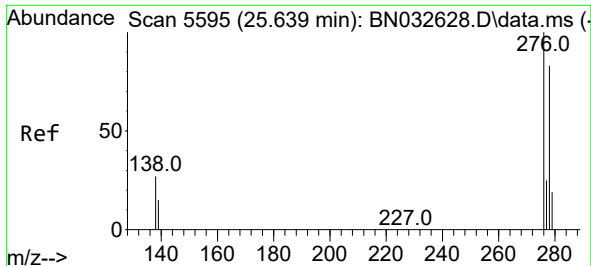
Tgt Ion:252 Resp: 211481
Ion Ratio Lower Upper
252 100
253 23.8 25.4 38.0#
125 14.2 20.6 30.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.939 ng/ul
RT: 25.579 min Scan# 5577
Delta R.T. -0.047 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

Tgt Ion:276 Resp: 218191
Ion Ratio Lower Upper
276 100
138 23.7 21.6 32.4
227 0.2 0.0 0.0#

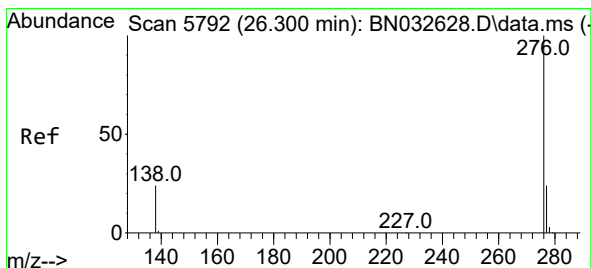
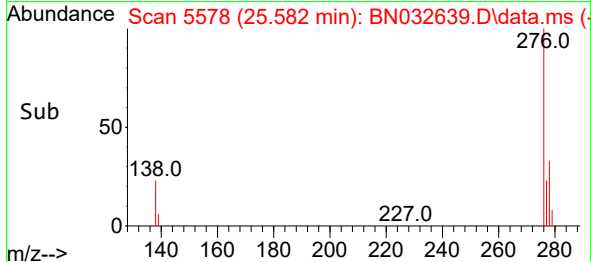
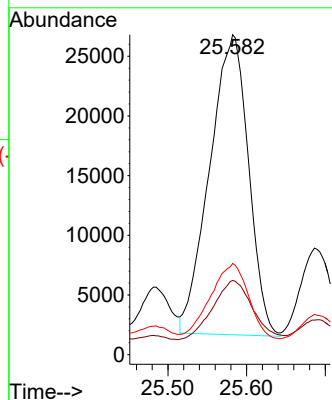
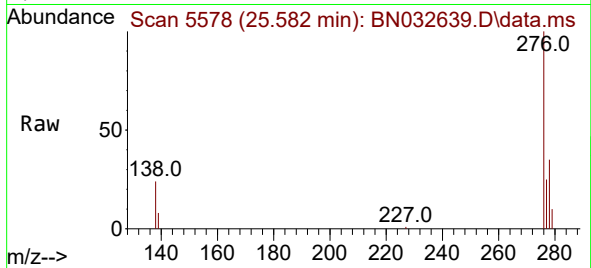




#28
Dibenzo(a,h)anthracene
Concen: 1.499 ng/ul
RT: 25.582 min Scan# 51
Delta R.T. -0.057 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

Instrument :
BNA_N
ClientSampleId :
A4CE1MS

Tgt Ion:278 Resp: 86276
Ion Ratio Lower Upper
278 100
139 23.2 16.6 24.8
279 28.5 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 1.248 ng/ul
RT: 26.260 min Scan# 5780
Delta R.T. -0.040 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

Tgt Ion:276 Resp: 77403
Ion Ratio Lower Upper
276 100
138 25.8 21.0 31.4
277 26.6 20.6 31.0

