

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032649.D
 Acq On : 11 Jul 2024 23:10
 Operator : MA/JU
 Sample : P3035-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX1

Quant Time: Jul 12 01:57:01 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)

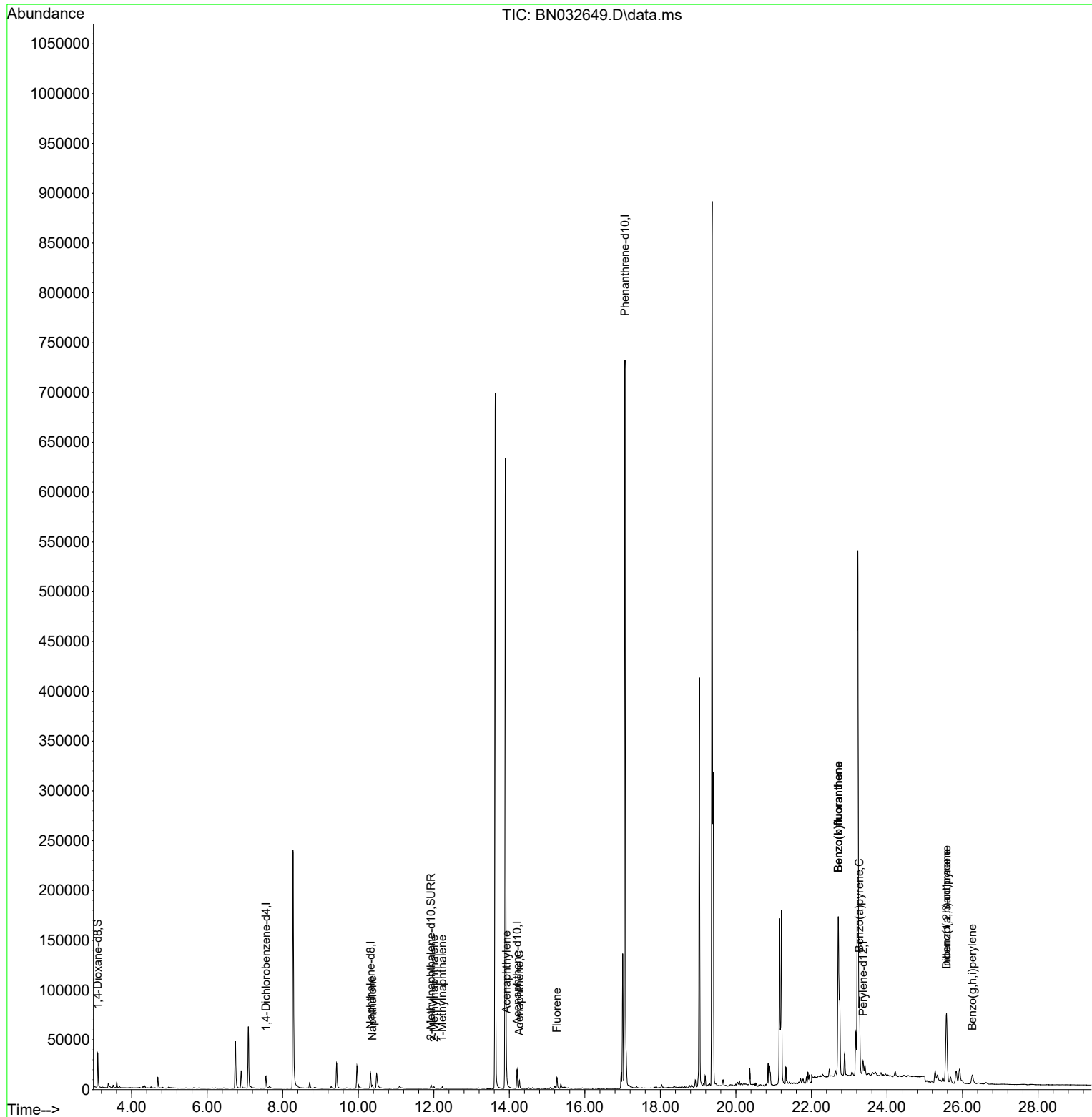
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	7251	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	21490	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	10972	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.062	188	876075	0.400	ng/ul	0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.19
23) Perylene-d12	23.365	264	23495	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	22587	2.594	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	6106	0.188	ng/ul	-0.04
18) Fluoranthene-d10	19.003	212	10806	0.000	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	4728	0.082	ng/ul#	95
7) 2-Methylnaphthalene	12.004	142	1545	0.043	ng/ul	98
8) 1-Methylnaphthalene	12.224	142	1456	0.039	ng/ul	98
10) Acenaphthylene	13.925	152	14778	0.333	ng/ul	99
11) Acenaphthene	14.267	153	5117	0.140	ng/ul	99
12) Fluorene	15.262	166	7835	0.187	ng/ul	99
24) Benzo(b)fluoranthene	22.710	252	343153	4.139	ng/ul	92
25) Benzo(k)fluoranthene	22.710	252	277620	2.748	ng/ul#	92
26) Benzo(a)pyrene	23.269	252	100759	1.405	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.576	276	103696	1.067	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.576	278	32565	0.432	ng/ul#	86
29) Benzo(g,h,i)perylene	26.260	276	18056	0.222	ng/ul#	81

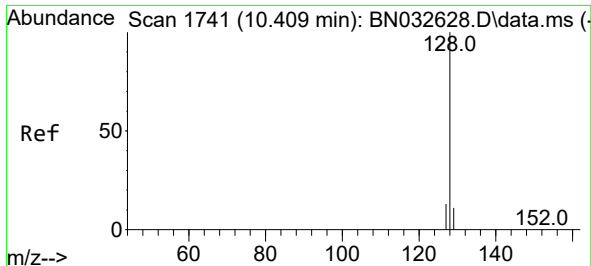
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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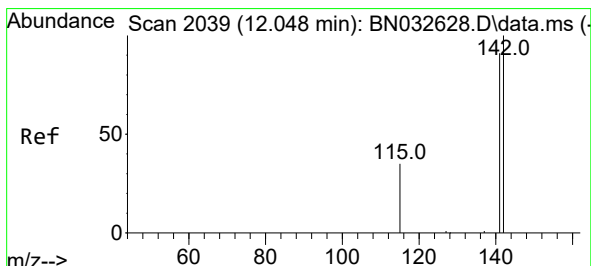
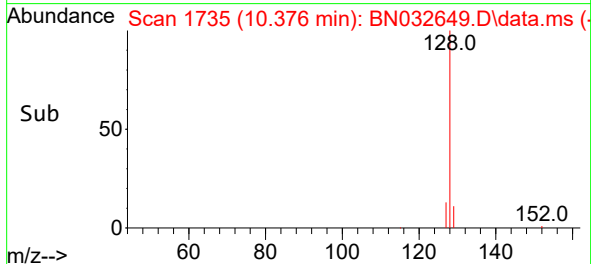
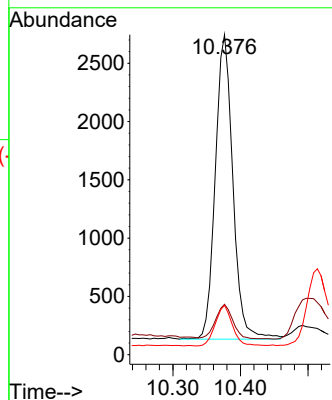
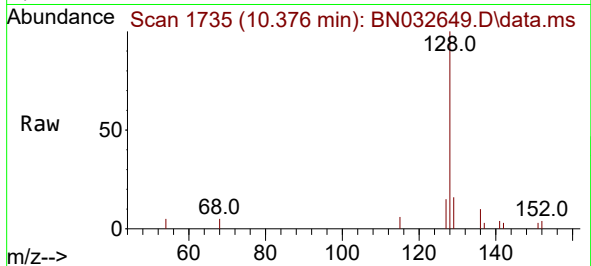




#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032649.D
Acq: 11 Jul 2024 23:10

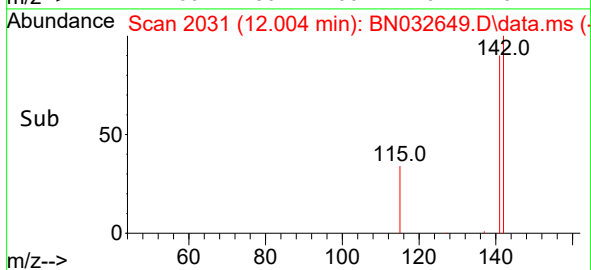
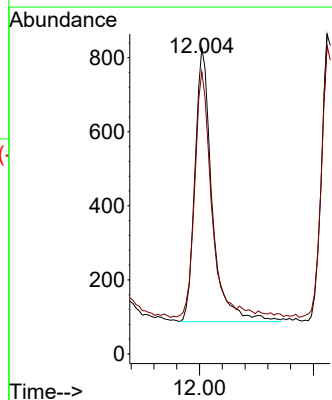
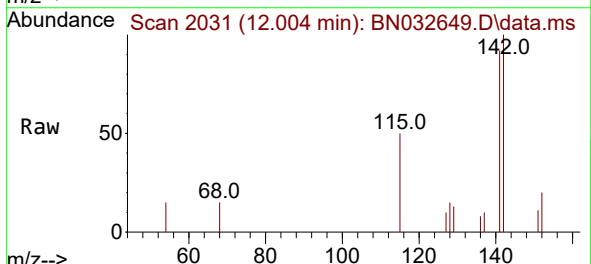
Instrument :
BNA_N
ClientSampleId :
A4CX1

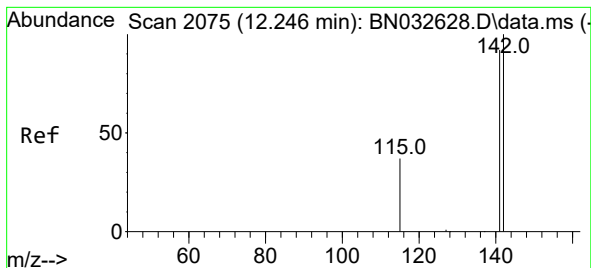
Tgt Ion:128 Resp: 4728
Ion Ratio Lower Upper
128 100
129 15.7 10.0 15.0#
127 15.4 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032649.D
Acq: 11 Jul 2024 23:10

Tgt Ion:142 Resp: 1545
Ion Ratio Lower Upper
142 100
141 90.2 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.039 ng/ul

RT: 12.224 min Scan# 2075

Delta R.T. -0.022 min

Lab File: BN032649.D

Acq: 11 Jul 2024 23:10

Instrument :

BNA_N

ClientSampleId :

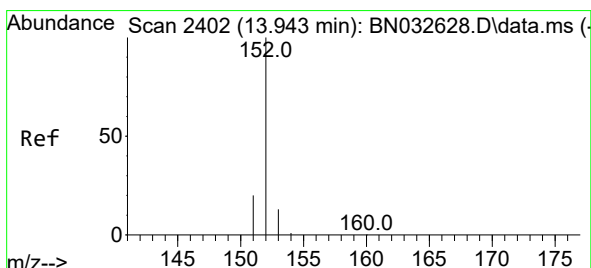
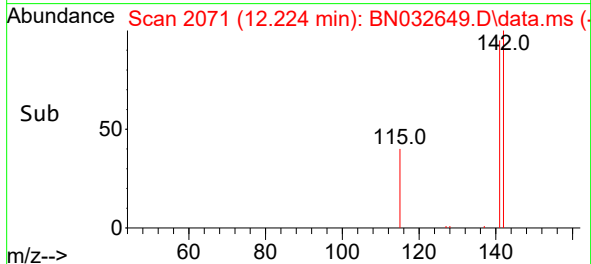
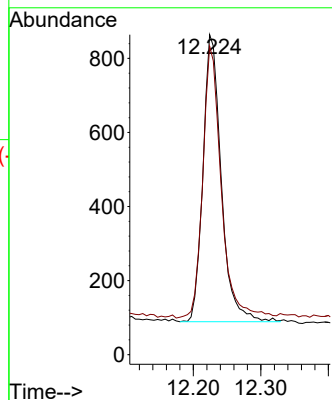
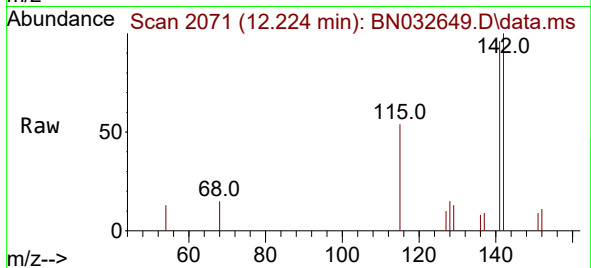
A4CX1

Tgt Ion:142 Resp: 1456

Ion Ratio Lower Upper

142 100

141 95.7 75.0 112.4



#10

Acenaphthylene

Concen: 0.333 ng/ul

RT: 13.925 min Scan# 2398

Delta R.T. -0.019 min

Lab File: BN032649.D

Acq: 11 Jul 2024 23:10

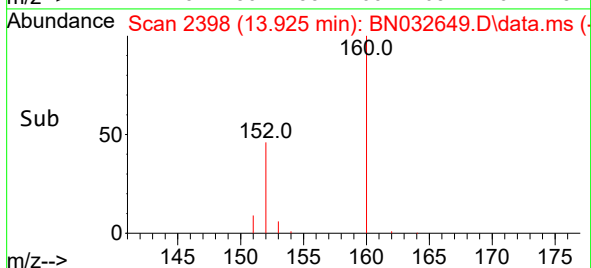
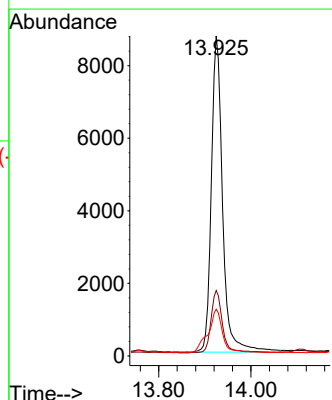
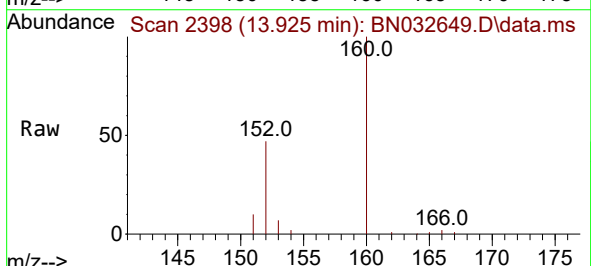
Tgt Ion:152 Resp: 14778

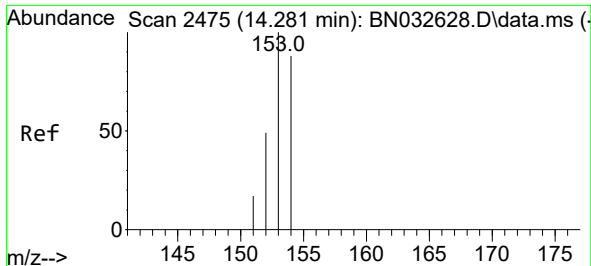
Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 14.6 11.3 16.9

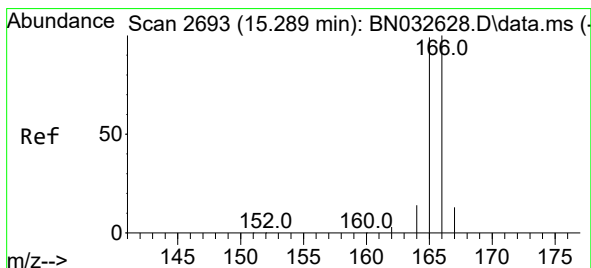
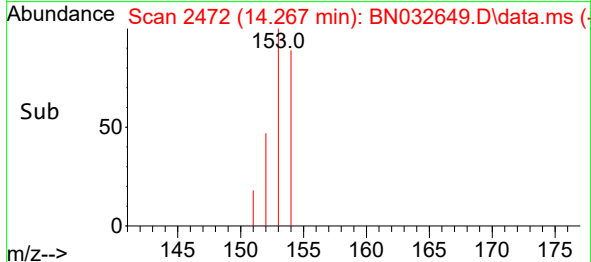
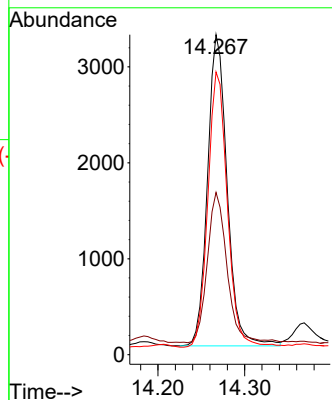
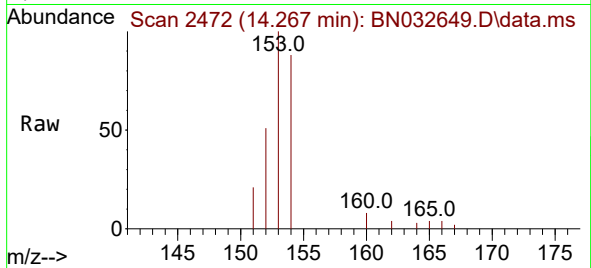




#11
Acenaphthene
Concen: 0.140 ng/ul
RT: 14.267 min Scan# 2475
Delta R.T. -0.014 min
Lab File: BN032649.D
Acq: 11 Jul 2024 23:10

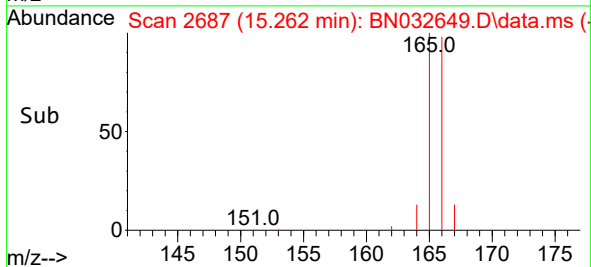
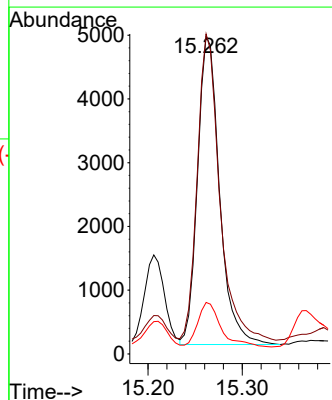
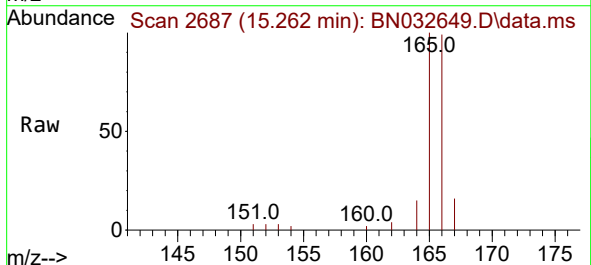
Instrument :
BNA_N
ClientSampleId :
A4CX1

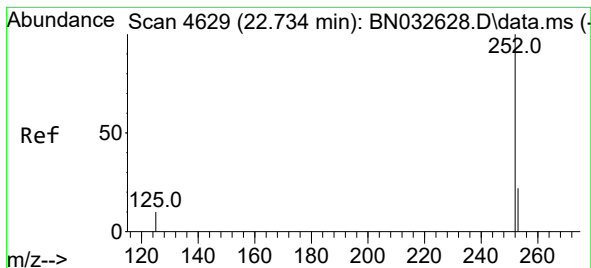
Tgt Ion:153 Resp: 5117
Ion Ratio Lower Upper
153 100
152 50.7 40.0 60.0
154 88.3 70.2 105.4



#12
Fluorene
Concen: 0.187 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032649.D
Acq: 11 Jul 2024 23:10

Tgt Ion:166 Resp: 7835
Ion Ratio Lower Upper
166 100
165 100.6 79.7 119.5
167 16.2 11.4 17.2





#24

Benzo(b)fluoranthene

Concen: 4.139 ng/ul

RT: 22.710 min Scan# 4621

Delta R.T. -0.023 min

Lab File: BN032649.D

Acq: 11 Jul 2024 23:10

Instrument :

BNA_N

ClientSampleId :

A4CX1

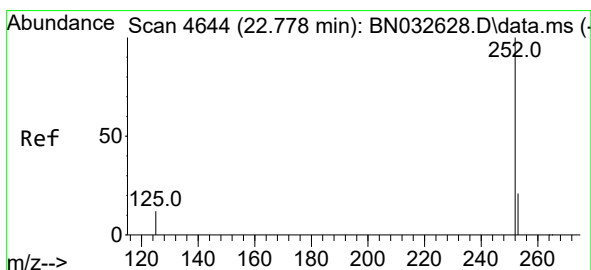
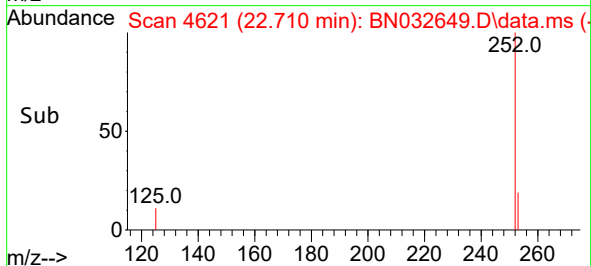
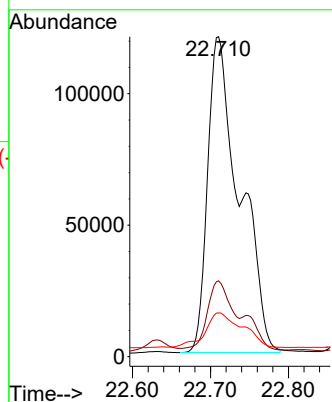
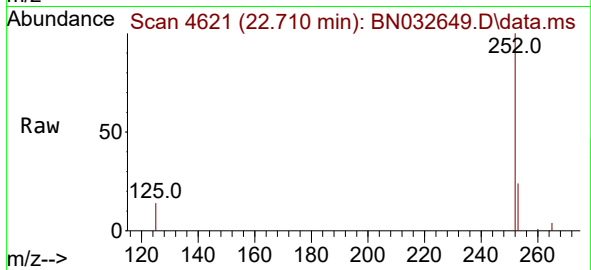
Tgt Ion:252 Resp: 343153

Ion Ratio Lower Upper

252 100

253 23.7 0.0 54.0

125 13.7 0.0 36.0



#25

Benzo(k)fluoranthene

Concen: 2.748 ng/ul

RT: 22.710 min Scan# 4621

Delta R.T. -0.067 min

Lab File: BN032649.D

Acq: 11 Jul 2024 23:10

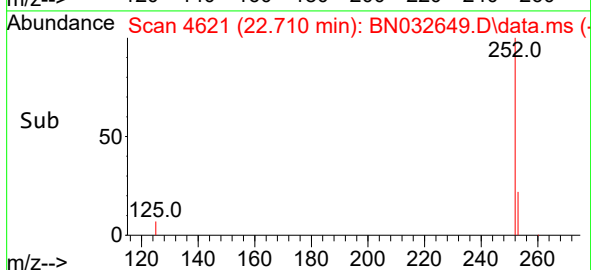
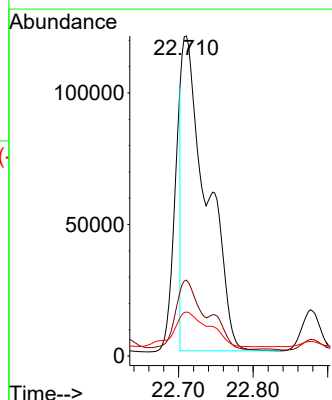
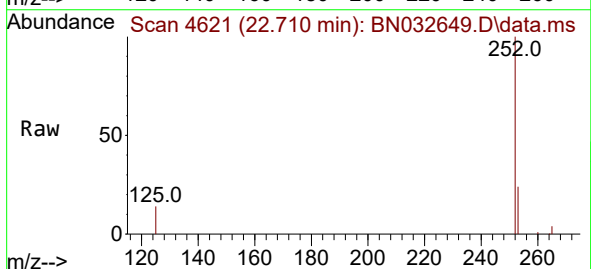
Tgt Ion:252 Resp: 277620

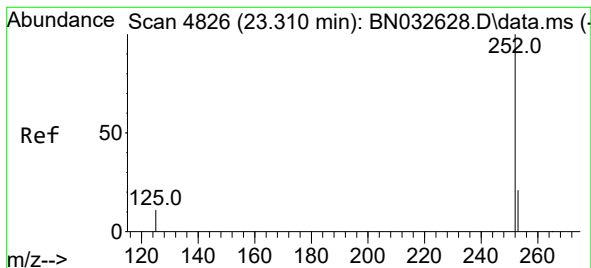
Ion Ratio Lower Upper

252 100

253 23.7 21.2 31.8

125 13.7 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 1.405 ng/ul

RT: 23.269 min Scan# 4812

Delta R.T. -0.041 min

Lab File: BN032649.D

Acq: 11 Jul 2024 23:10

Instrument :

BNA_N

ClientSampleId :

A4CX1

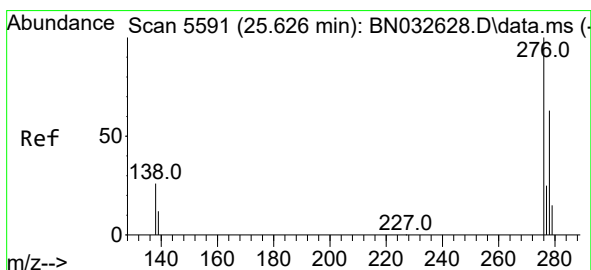
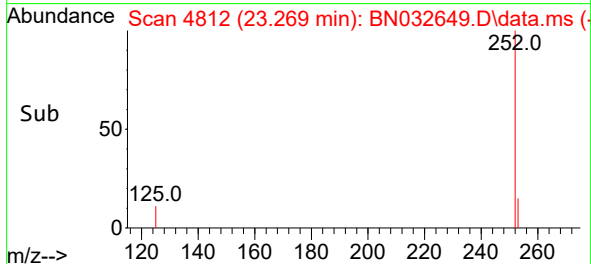
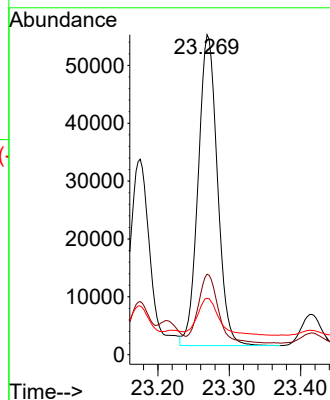
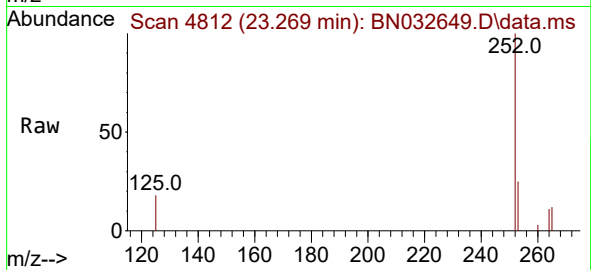
Tgt Ion:252 Resp: 100759

Ion Ratio Lower Upper

252 100

253 25.2 25.4 38.0#

125 17.6 20.6 30.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.067 ng/ul

RT: 25.576 min Scan# 5576

Delta R.T. -0.050 min

Lab File: BN032649.D

Acq: 11 Jul 2024 23:10

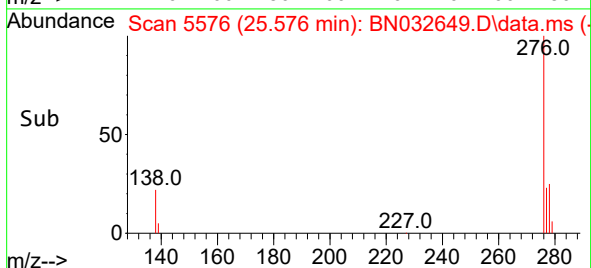
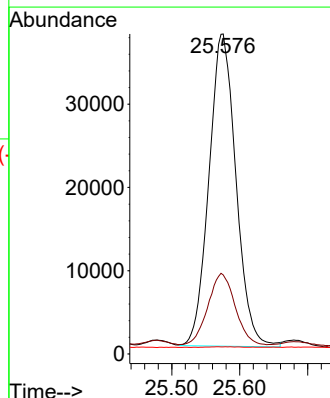
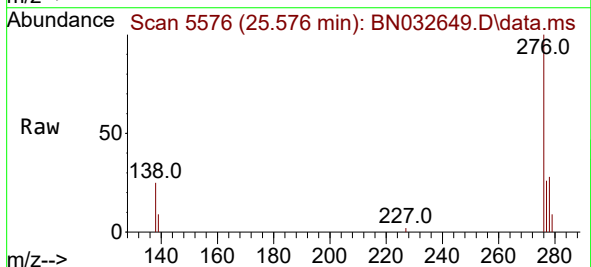
Tgt Ion:276 Resp: 103696

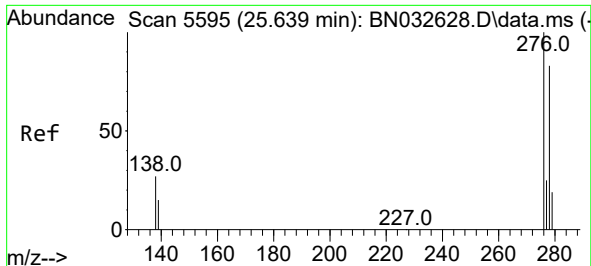
Ion Ratio Lower Upper

276 100

138 23.2 21.6 32.4

227 0.2 0.0 0.0#

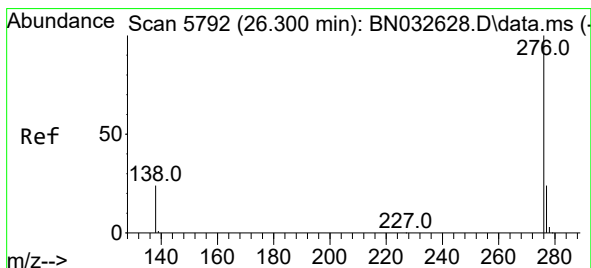
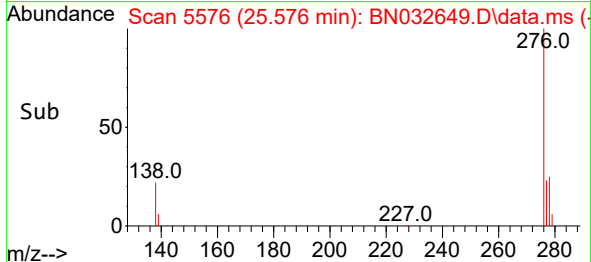
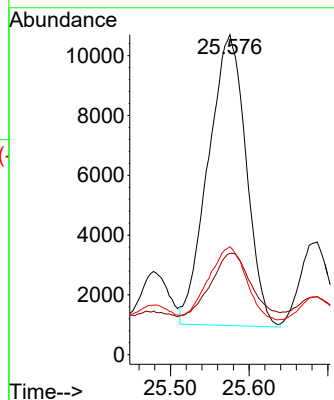
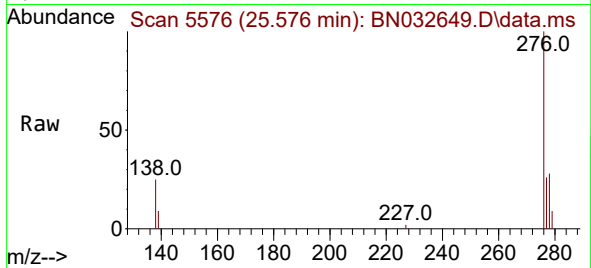




#28
Dibenzo(a,h)anthracene
Concen: 0.432 ng/ul
RT: 25.576 min Scan# 51
Delta R.T. -0.064 min
Lab File: BN032649.D
Acq: 11 Jul 2024 23:10

Instrument :
BNA_N
ClientSampleId :
A4CX1

Tgt Ion:278 Resp: 32565
Ion Ratio Lower Upper
278 100
139 31.6 16.6 24.8#
279 33.8 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.222 ng/ul
RT: 26.260 min Scan# 5780
Delta R.T. -0.040 min
Lab File: BN032649.D
Acq: 11 Jul 2024 23:10

Tgt Ion:276 Resp: 18056
Ion Ratio Lower Upper
276 100
138 35.9 21.0 31.4#
277 35.2 20.6 31.0#

