

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032647.D
 Acq On : 11 Jul 2024 21:57
 Operator : MA/JU
 Sample : P3035-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B96

Quant Time: Jul 12 01:56:42 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)

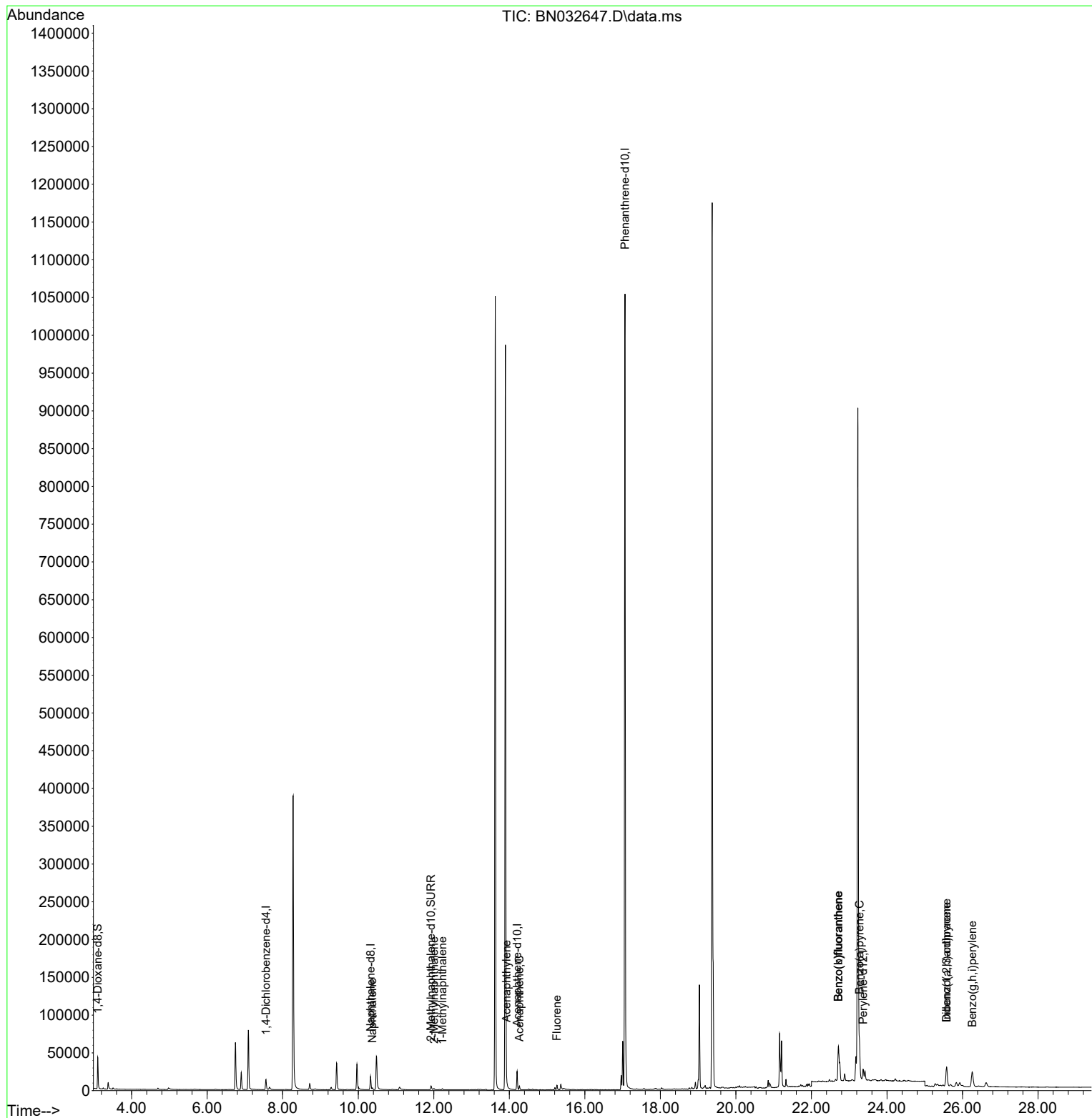
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	7706	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	24531	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	13564	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.062	188	1240972	0.400	ng/ul	0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.19
23) Perylene-d12	23.368	264	23914	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	28002	3.026	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	8606	0.232	ng/ul	-0.04
18) Fluoranthene-d10	19.004	212	13460	0.000	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	3240	0.049	ng/ul#	93
7) 2-Methylnaphthalene	12.004	142	1379	0.034	ng/ul	100
8) 1-Methylnaphthalene	12.230	142	1181	0.028	ng/ul	100
10) Acenaphthylene	13.925	152	6643	0.121	ng/ul	95
11) Acenaphthene	14.267	153	3189	0.070	ng/ul	99
12) Fluorene	15.262	166	4112	0.079	ng/ul#	98
24) Benzo(b)fluoranthene	22.713	252	103075	1.222	ng/ul	98
25) Benzo(k)fluoranthene	22.713	252	84433	0.821	ng/ul	99
26) Benzo(a)pyrene	23.272	252	63133	0.865	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.579	276	42482	0.430	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.579	278	10024	0.131	ng/ul#	51
29) Benzo(g,h,i)perylene	26.257	276	43559	0.527	ng/ul	96

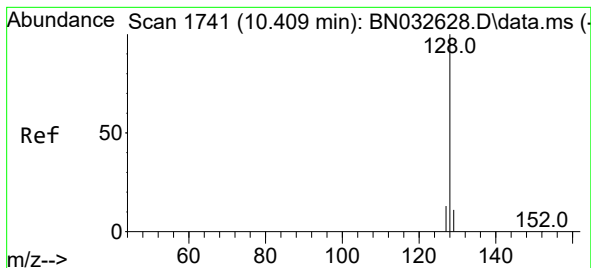
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.049 ng/ul

RT: 10.376 min Scan# 1735

Delta R.T. -0.033 min

Lab File: BN032647.D

Acq: 11 Jul 2024 21:57

Instrument :

BNA_N

ClientSampleId :

A4B96

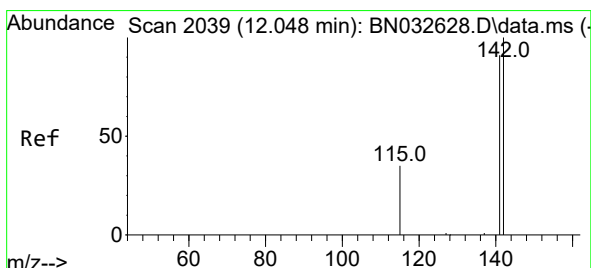
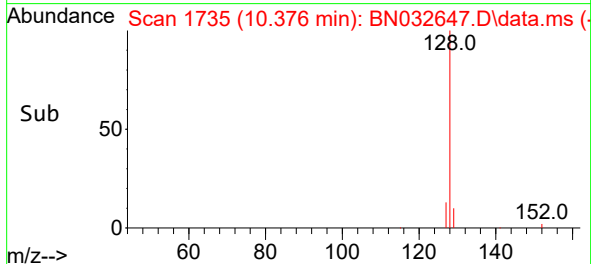
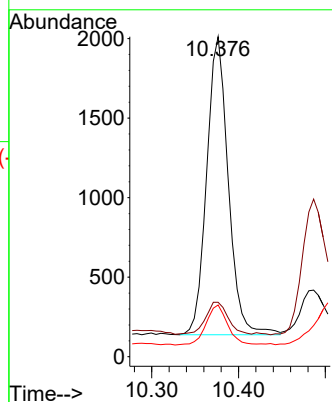
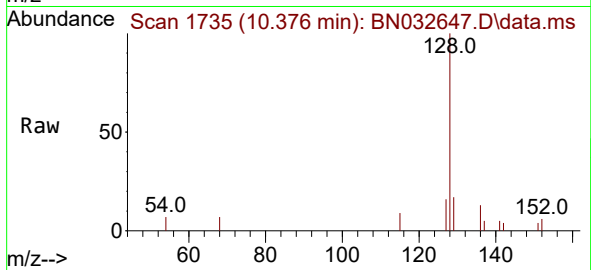
Tgt Ion:128 Resp: 3240

Ion Ratio Lower Upper

128 100

129 17.0 10.0 15.0#

127 16.2 11.6 17.4



#7

2-Methylnaphthalene

Concen: 0.034 ng/ul

RT: 12.004 min Scan# 2031

Delta R.T. -0.044 min

Lab File: BN032647.D

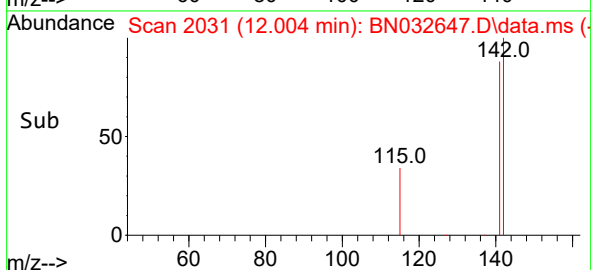
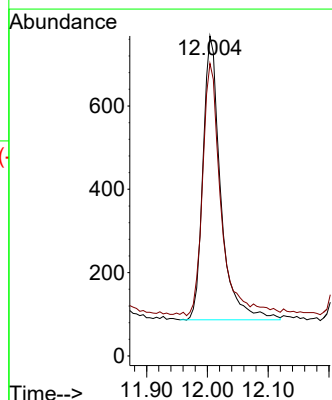
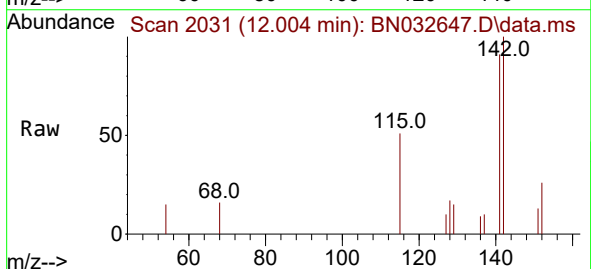
Acq: 11 Jul 2024 21:57

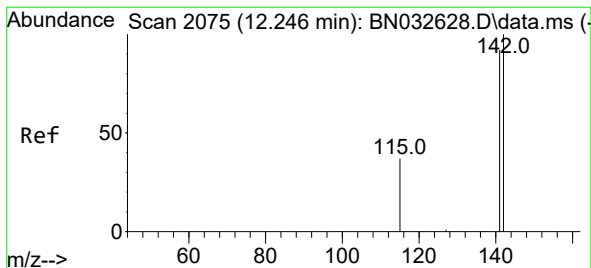
Tgt Ion:142 Resp: 1379

Ion Ratio Lower Upper

142 100

141 92.7 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.028 ng/ul

RT: 12.230 min Scan# 2075

Delta R.T. -0.016 min

Lab File: BN032647.D

Acq: 11 Jul 2024 21:57

Instrument :

BNA_N

ClientSampleId :

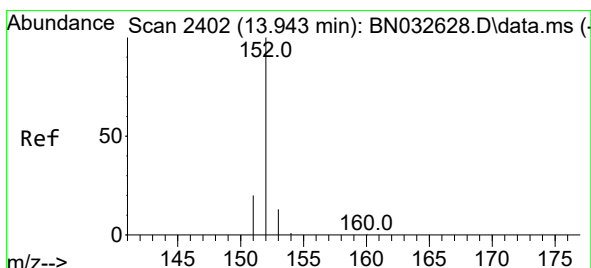
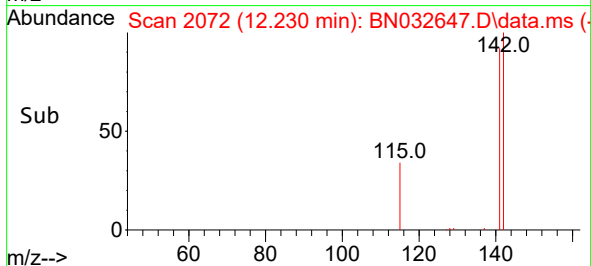
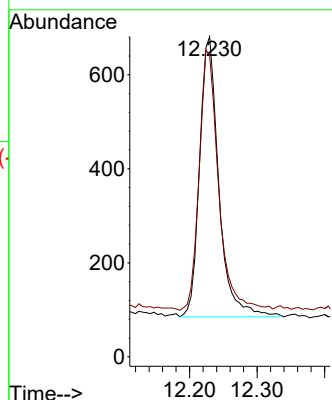
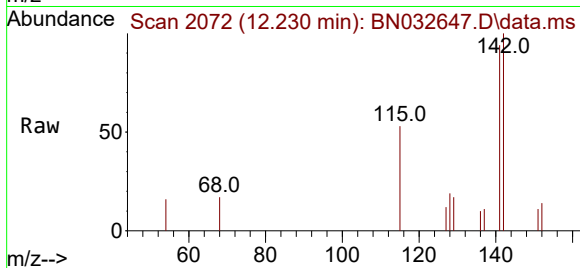
A4B96

Tgt Ion:142 Resp: 1181

Ion Ratio Lower Upper

142 100

141 93.2 75.0 112.4



#10

Acenaphthylene

Concen: 0.121 ng/ul

RT: 13.925 min Scan# 2398

Delta R.T. -0.018 min

Lab File: BN032647.D

Acq: 11 Jul 2024 21:57

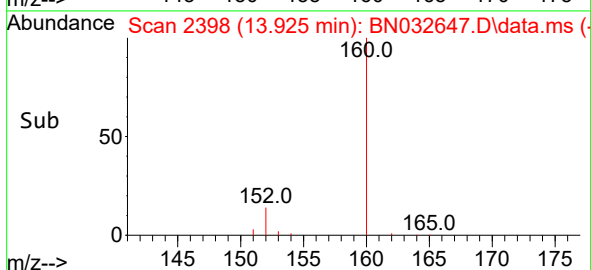
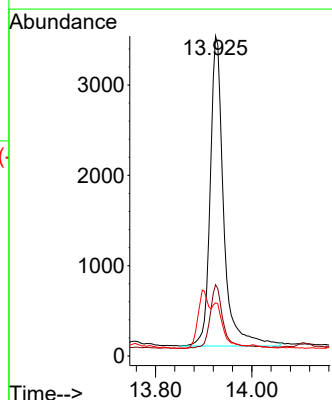
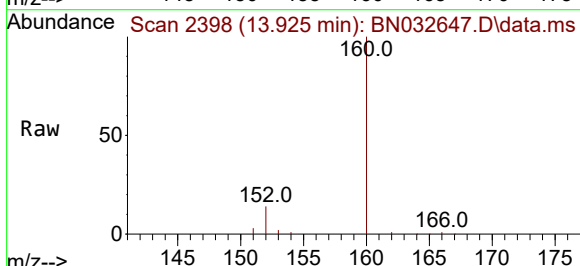
Tgt Ion:152 Resp: 6643

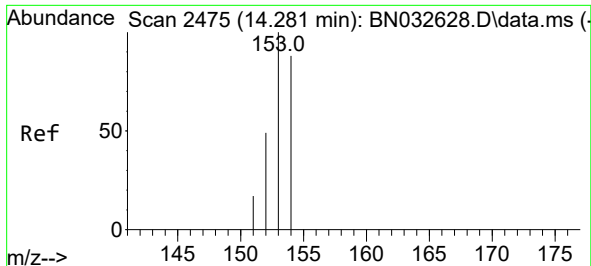
Ion Ratio Lower Upper

152 100

151 22.2 16.3 24.5

153 16.6 11.3 16.9

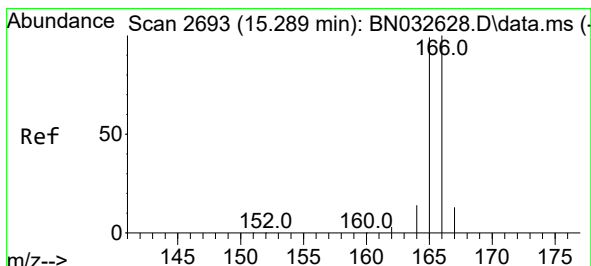
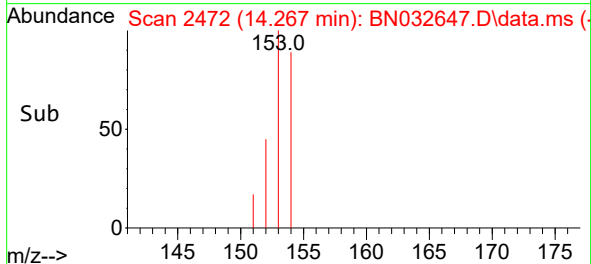
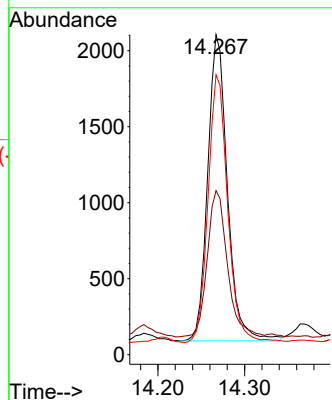
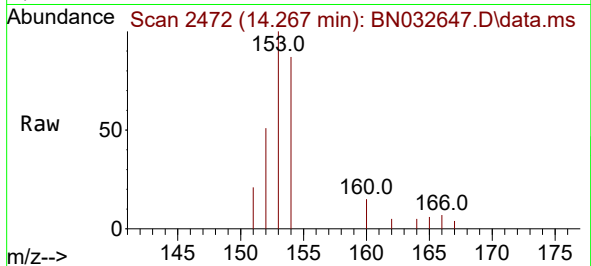




#11
Acenaphthene
Concen: 0.070 ng/ul
RT: 14.267 min Scan# 2475
Delta R.T. -0.014 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

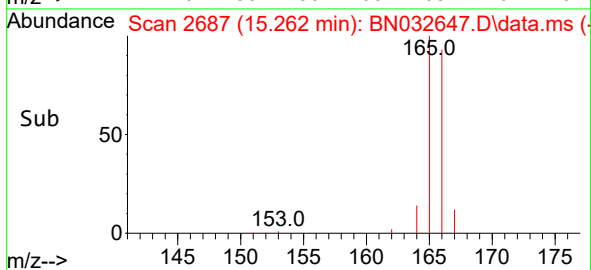
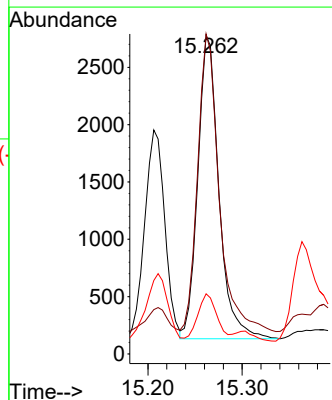
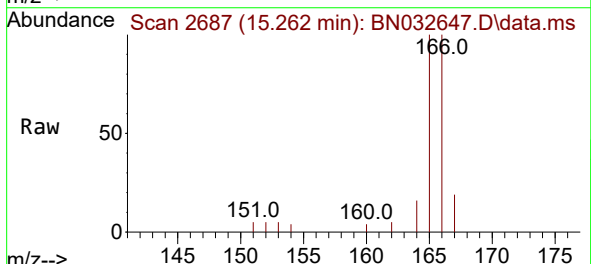
Instrument :
BNA_N
ClientSampleId :
A4B96

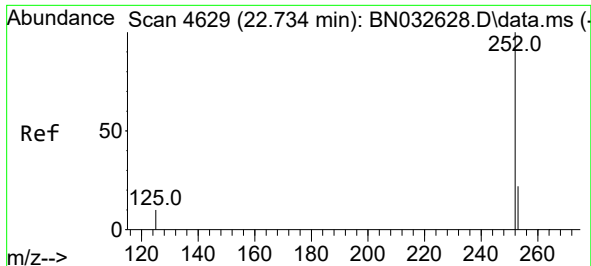
Tgt Ion:153 Resp: 3189
Ion Ratio Lower Upper
153 100
152 51.3 40.0 60.0
154 87.5 70.2 105.4



#12
Fluorene
Concen: 0.079 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

Tgt Ion:166 Resp: 4112
Ion Ratio Lower Upper
166 100
165 100.4 79.7 119.5
167 18.8 11.4 17.2#

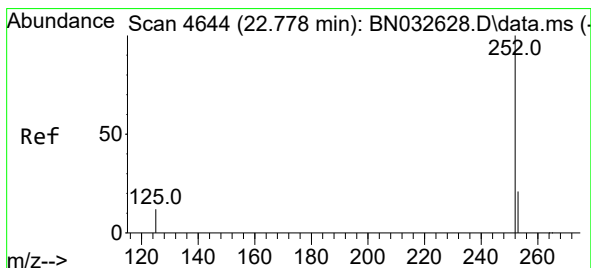
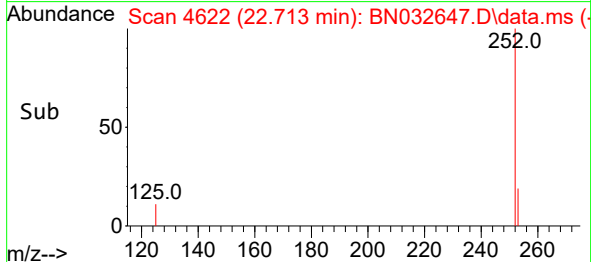
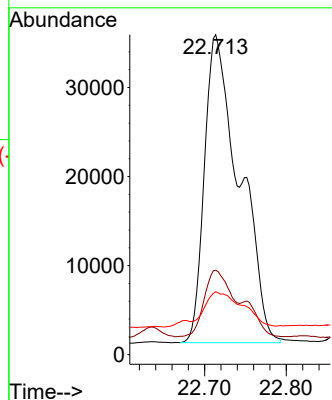
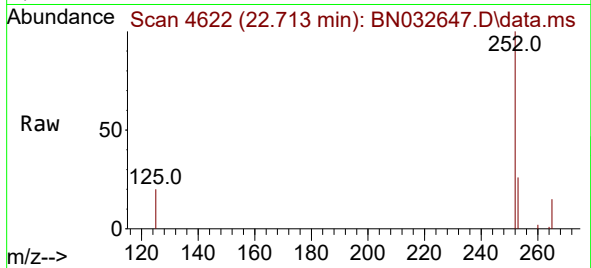




#24
Benzo(b)fluoranthene
Concen: 1.222 ng/ul
RT: 22.713 min Scan# 4622
Delta R.T. -0.020 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

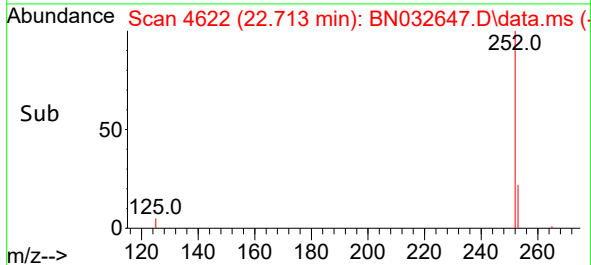
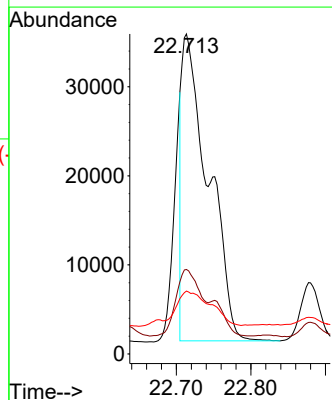
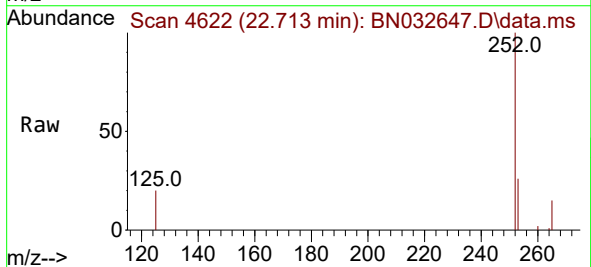
Instrument :
BNA_N
ClientSampleId :
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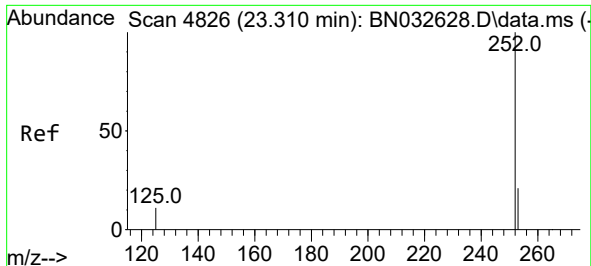
Tgt Ion:252 Resp: 103075
Ion Ratio Lower Upper
252 100
253 26.4 0.0 54.0
125 19.7 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.821 ng/ul
RT: 22.713 min Scan# 4622
Delta R.T. -0.064 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

Tgt Ion:252 Resp: 84433
Ion Ratio Lower Upper
252 100
253 26.4 21.2 31.8
125 19.7 14.8 22.2

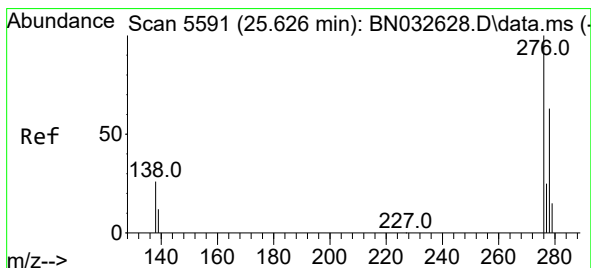
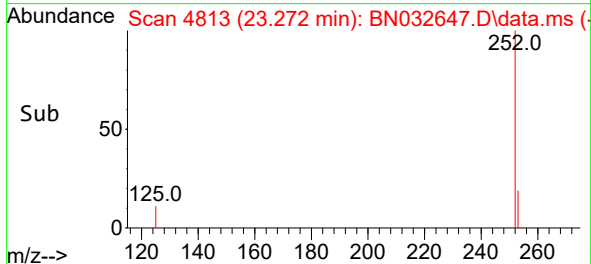
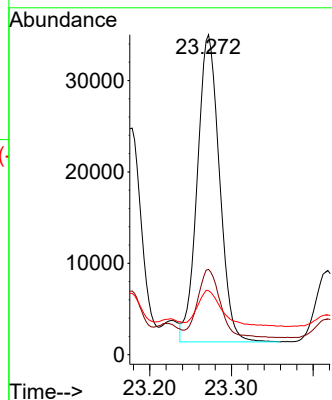
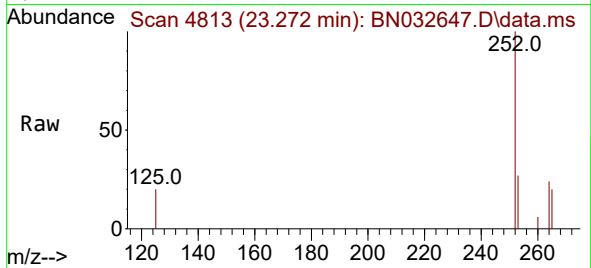




#26
Benzo(a)pyrene
Concen: 0.865 ng/ul
RT: 23.272 min Scan# 4813
Delta R.T. -0.038 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

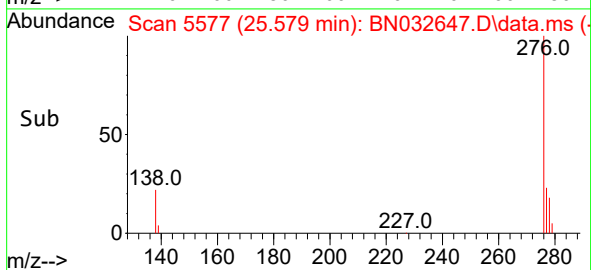
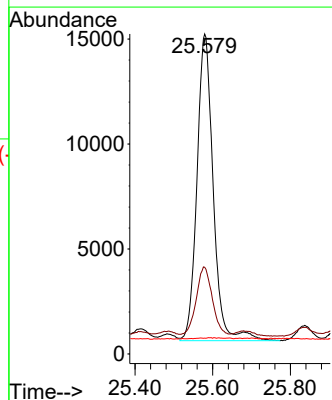
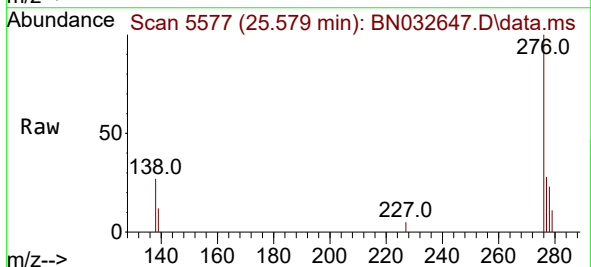
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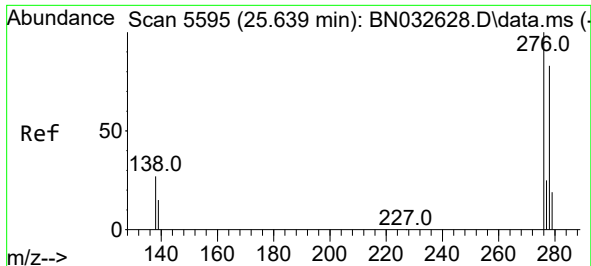
Tgt Ion:252 Resp: 63133
Ion Ratio Lower Upper
252 100
253 26.6 25.4 38.0
125 20.0 20.6 30.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.430 ng/ul
RT: 25.579 min Scan# 5577
Delta R.T. -0.047 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

Tgt Ion:276 Resp: 42482
Ion Ratio Lower Upper
276 100
138 21.7 21.6 32.4
227 0.2 0.0 0.0#

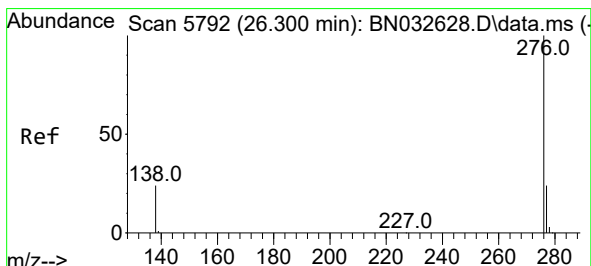
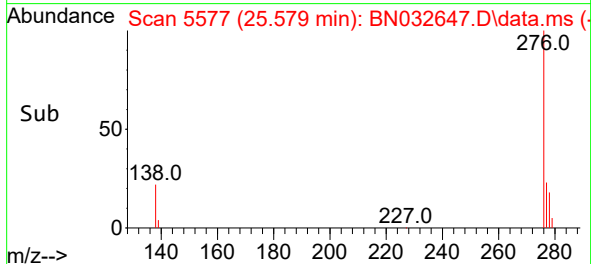
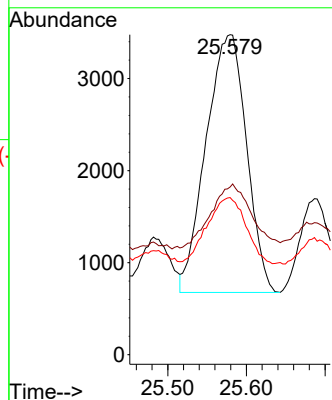
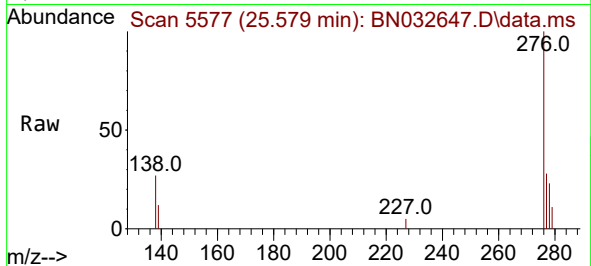




#28
Dibenzo(a,h)anthracene
Concen: 0.131 ng/ul
RT: 25.579 min Scan# 51
Delta R.T. -0.060 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:278 Resp: 10024
Ion Ratio Lower Upper
278 100
139 52.4 16.6 24.8#
279 49.1 23.7 35.5#



#29
Benzo(g,h,i)perylene
Concen: 0.527 ng/ul
RT: 26.257 min Scan# 5779
Delta R.T. -0.044 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

Tgt Ion:276 Resp: 43559
Ion Ratio Lower Upper
276 100
138 27.7 21.0 31.4
277 28.3 20.6 31.0

