

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032446.D
 Acq On : 03 Jul 2024 21:11
 Operator : MA/JU
 Sample : P2963-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B47

Quant Time: Jul 03 23:50:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

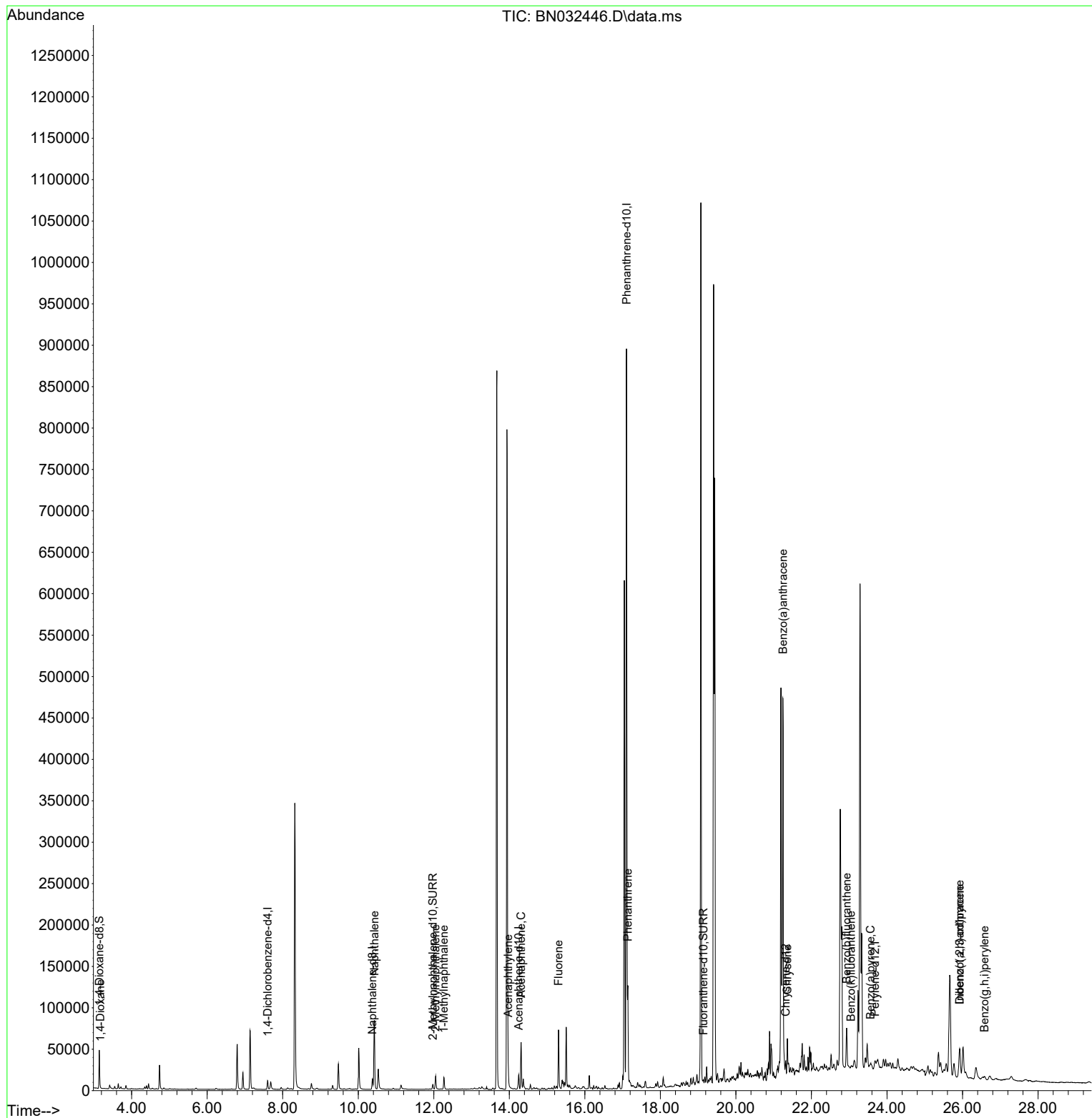
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	5692	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	17240	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	9923	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.105	188	1071532	0.400	ng/ul	0.10
17) Chrysene-d12	21.320	240	480	0.400	ng/ul	# 0.11
23) Perylene-d12	23.681	264	2059	0.400	ng/ul	# 0.26
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	31159	4.925	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	8603	0.333	ng/ul	0.00
18) Fluoranthene-d10	19.138	212	1115	0.772	ng/ul	0.09
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	185	0.026	ng/ul#	1
5) Naphthalene	10.426	128	118789	2.604	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	12434	0.411	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	10639	0.339	ng/ul	99
10) Acenaphthylene	13.971	152	24294	0.589	ng/ul	97
11) Acenaphthene	14.313	153	33396	1.043	ng/ul	98
12) Fluorene	15.303	166	44634	1.169	ng/ul	100
15) Phenanthrene	17.138	178	119943	0.041	ng/ul	98
21) Benzo(a)anthracene	21.246	228	459044	264.967	ng/ul	93
22) Chrysene	21.363	228	34199	17.985	ng/ul#	23
24) Benzo(b)fluoranthene	22.933	252	59699	6.674	ng/ul	75
25) Benzo(k)fluoranthene	23.050	252	2691	0.310	ng/ul#	1
26) Benzo(a)pyrene	23.564	252	1723	0.277	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.925	276	13991	1.436	ng/ul#	38
28) Dibenzo(a,h)anthracene	25.925	278	51741	7.146	ng/ul#	75
29) Benzo(g,h,i)perylene	26.582	276	3908	0.503	ng/ul#	1

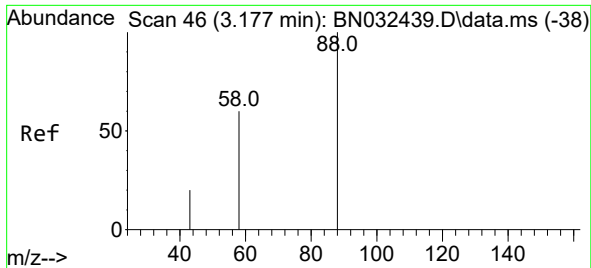
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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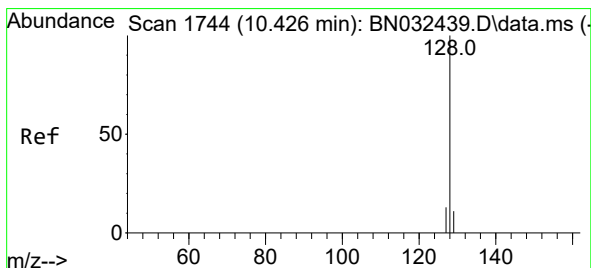
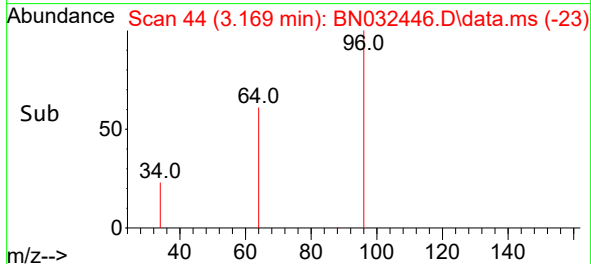
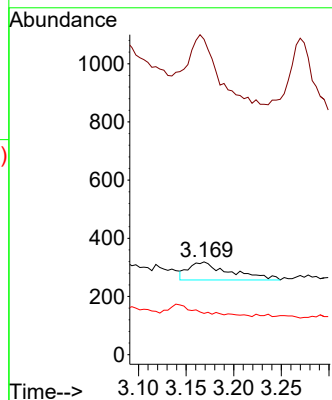
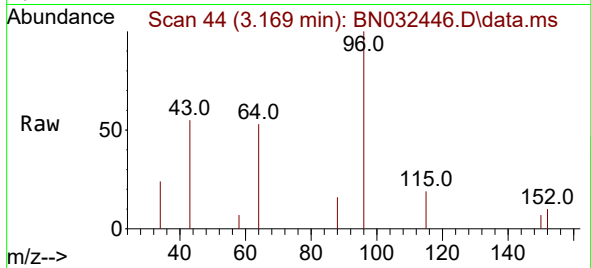




#2
1,4-Dioxane
Concen: 0.026 ng/ul
RT: 3.169 min Scan# 44
Delta R.T. -0.013 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

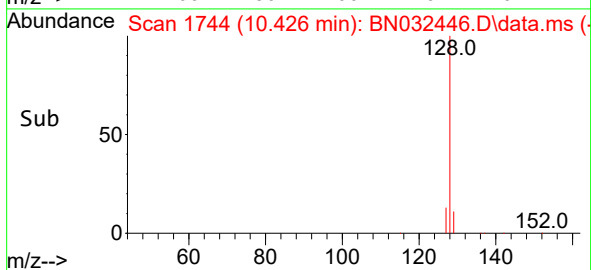
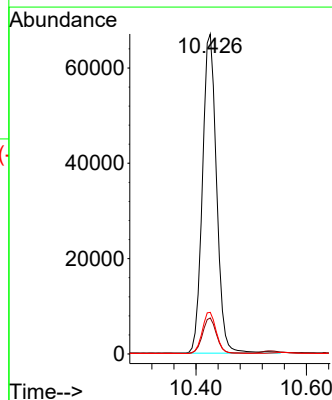
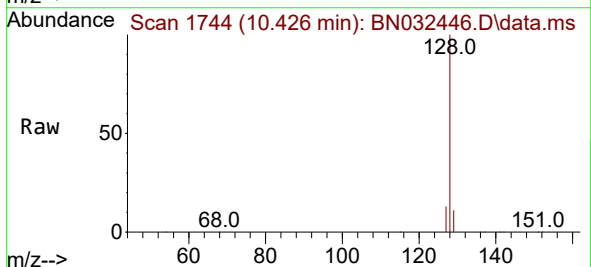
Instrument :
BNA_N
ClientSampleId :
A4B47

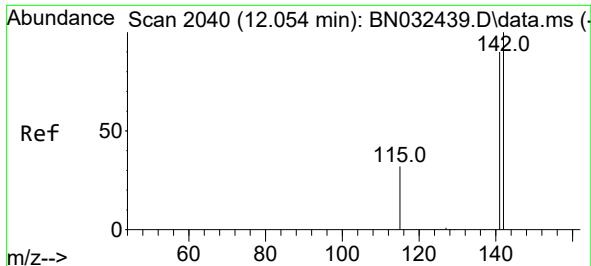
Tgt Ion: 88 Resp: 185
Ion Ratio Lower Upper
88 100
43 339.8 28.4 42.6#
58 44.5 43.3 64.9



#5
Naphthalene
Concen: 2.604 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

Tgt Ion: 128 Resp: 118789
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.0 10.8 16.2

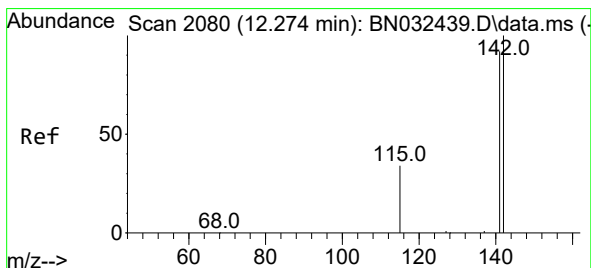
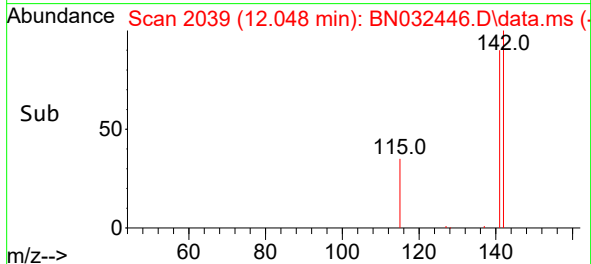
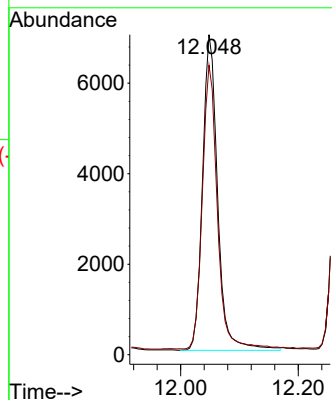
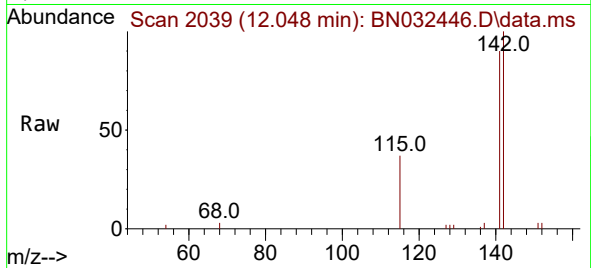




#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.048 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

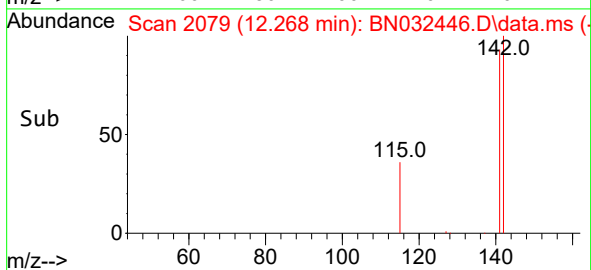
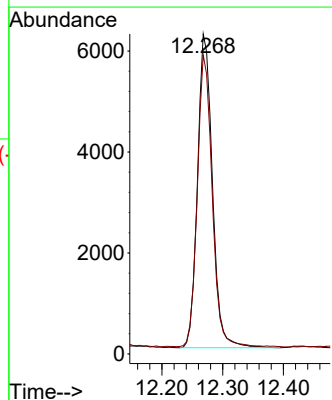
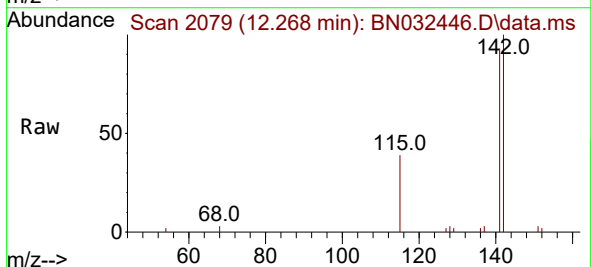
Instrument :
BNA_N
ClientSampleId :
A4B47

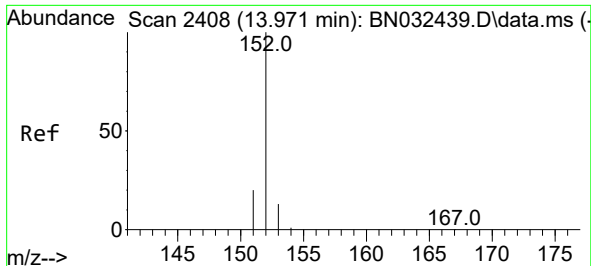
Tgt Ion:142 Resp: 12434
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.268 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

Tgt Ion:142 Resp: 10639
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.0

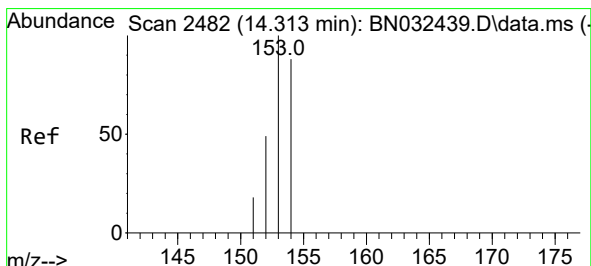
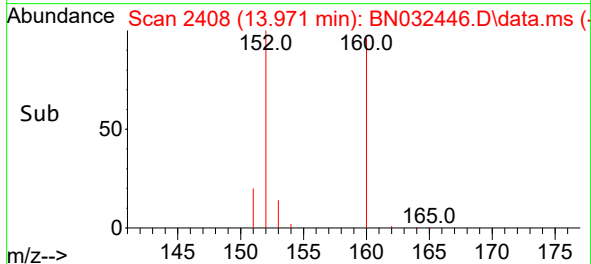
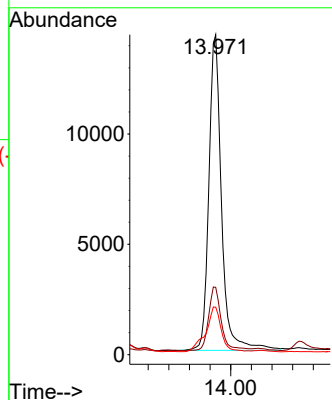
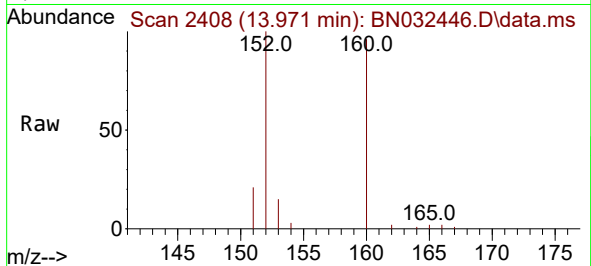




#10
Acenaphthylene
Concen: 0.589 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

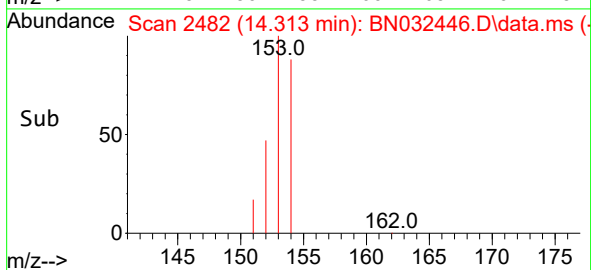
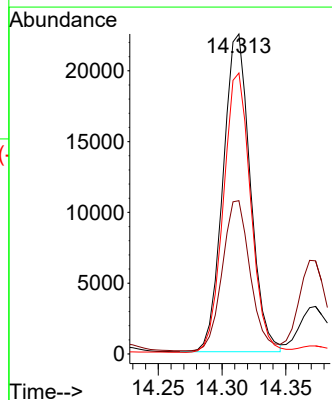
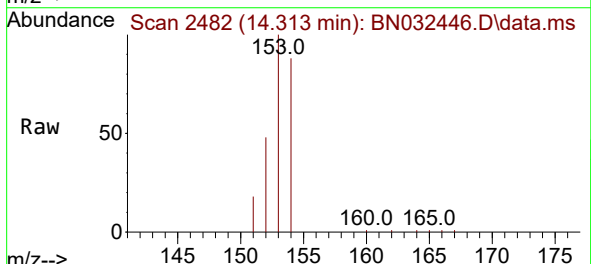
Instrument :
BNA_N
ClientSampleId :
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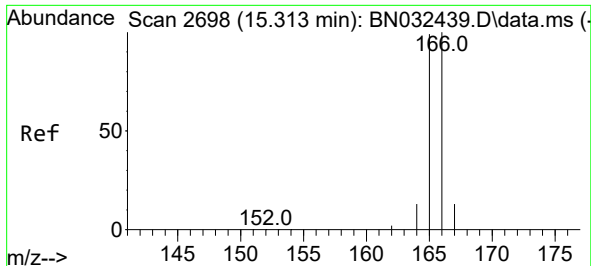
Tgt Ion:152 Resp: 24294
Ion Ratio Lower Upper
152 100
151 21.0 15.7 23.5
153 14.8 10.9 16.3



#11
Acenaphthene
Concen: 1.043 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

Tgt Ion:153 Resp: 33396
Ion Ratio Lower Upper
153 100
152 47.9 39.5 59.3
154 87.8 71.7 107.5

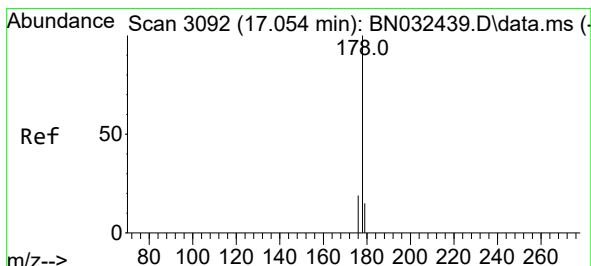
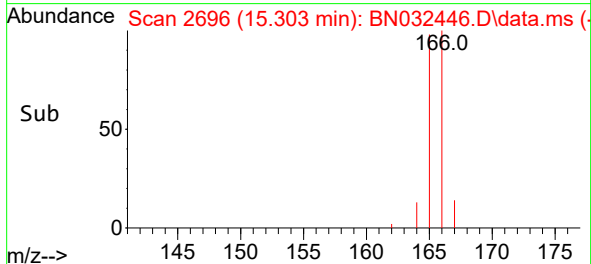
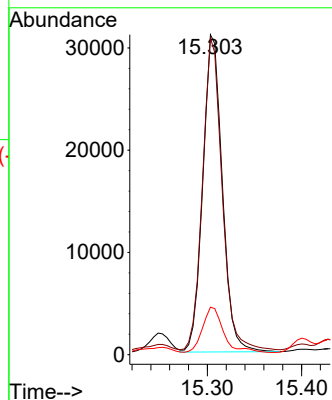
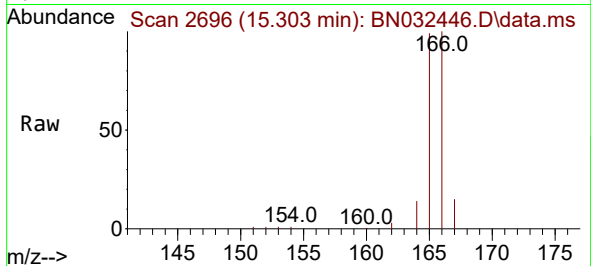




#12
Fluorene
Concen: 1.169 ng/ul
RT: 15.303 min Scan# 2112
Delta R.T. -0.009 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

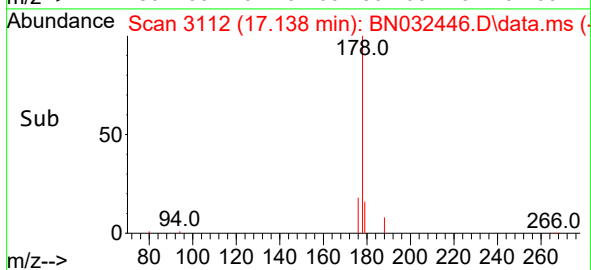
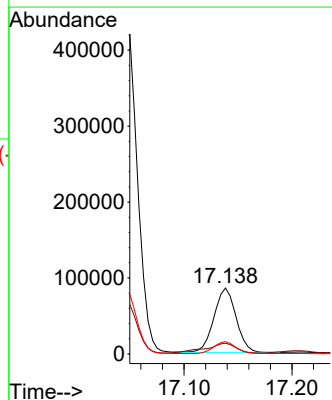
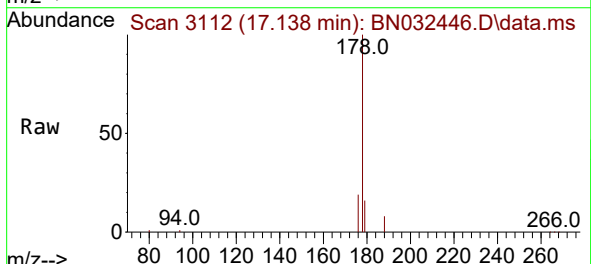
Instrument :
BNA_N
ClientSampleId :
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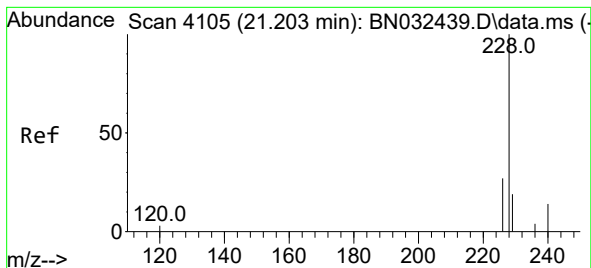
Tgt Ion:166 Resp: 44634
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.6
167 14.9 11.0 16.6



#15
Phenanthrene
Concen: 0.041 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. 0.089 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

Tgt Ion:178 Resp: 119943
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 18.7 15.6 23.4





#21

Benzo(a)anthracene

Concen: 264.967 ng/ul

RT: 21.246 min Scan# 4110

Delta R.T. 0.056 min

Lab File: BN032446.D

Acq: 03 Jul 2024 21:11

Instrument :

BN032446.D

ClientSampleId :

A4B47

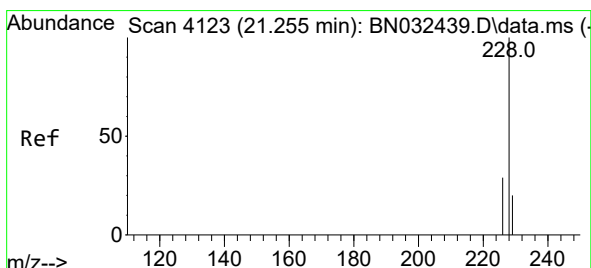
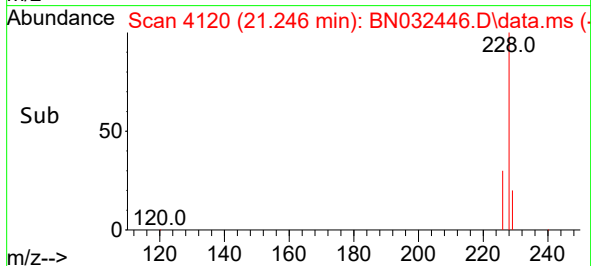
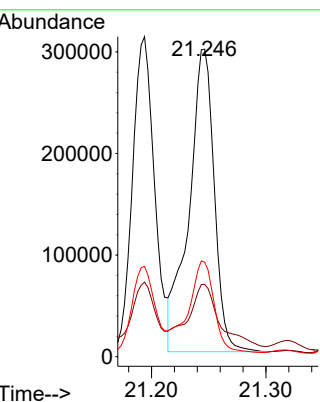
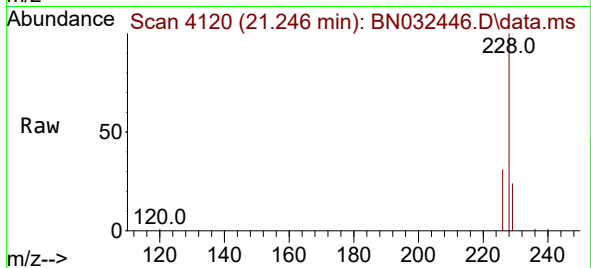
Tgt Ion:228 Resp: 459044

Ion Ratio Lower Upper

228 100

229 23.5 15.7 23.5

226 30.7 21.8 32.8



#22

Chrysene

Concen: 17.985 ng/ul

RT: 21.363 min Scan# 4160

Delta R.T. 0.120 min

Lab File: BN032446.D

Acq: 03 Jul 2024 21:11

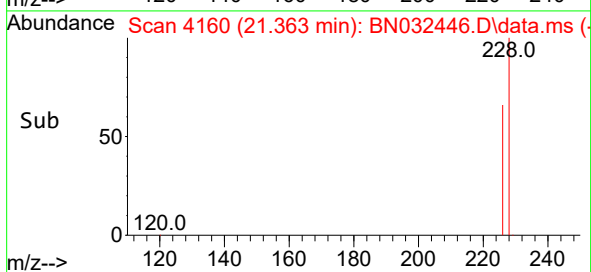
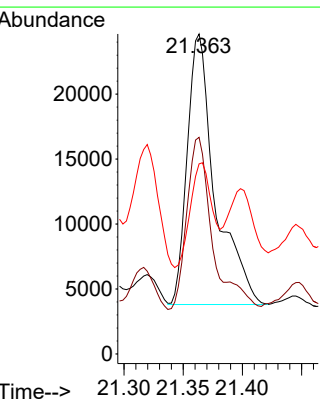
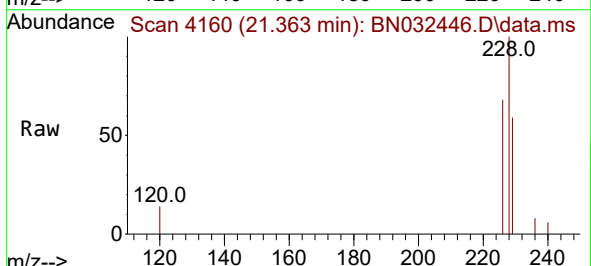
Tgt Ion:228 Resp: 34199

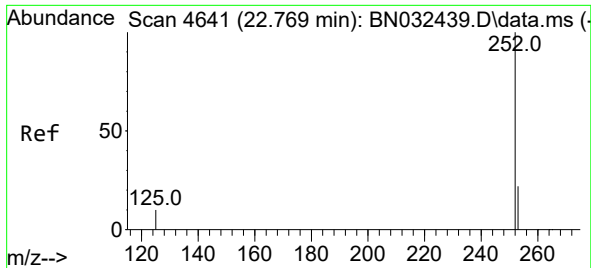
Ion Ratio Lower Upper

228 100

226 67.7 23.6 35.4#

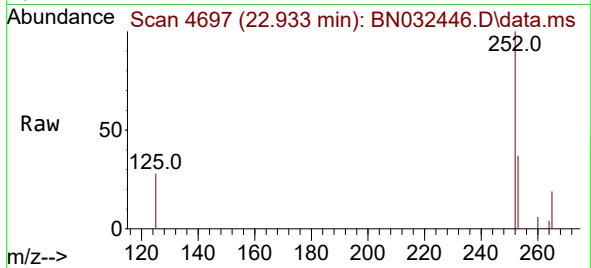
229 59.4 15.7 23.5#



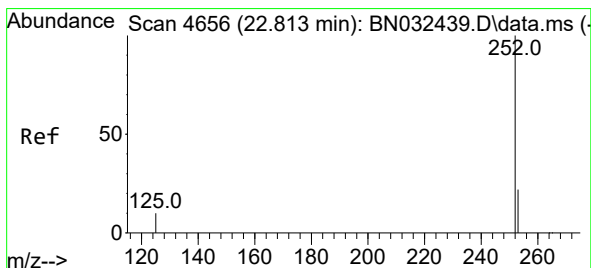
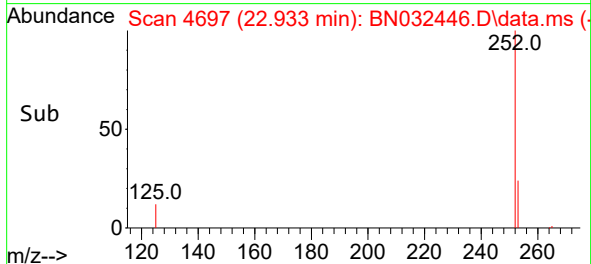
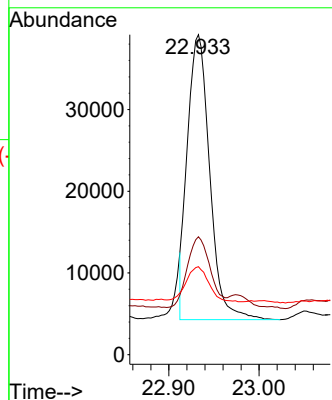


#24
Benzo(b)fluoranthene
Concen: 6.674 ng/ul
RT: 22.933 min Scan# 4697
Delta R.T. 0.175 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

Instrument :
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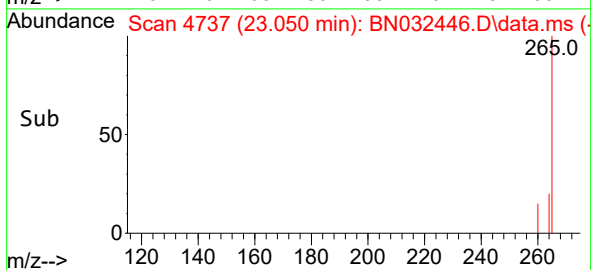
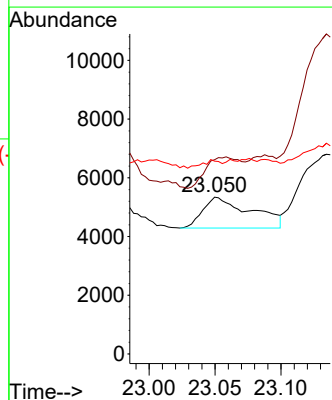
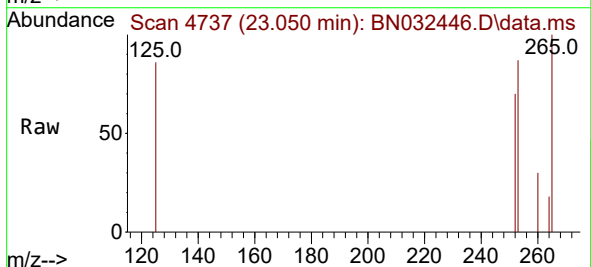


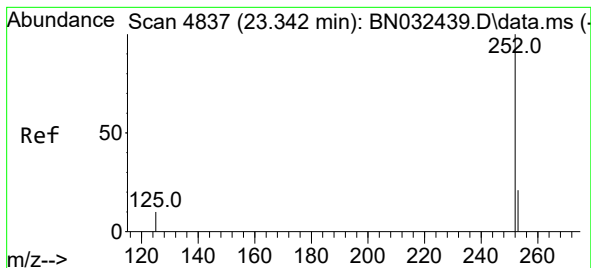
Tgt Ion:252 Resp: 59699
Ion Ratio Lower Upper
252 100
253 36.8 0.0 50.2
125 27.5 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.310 ng/ul
RT: 23.050 min Scan# 4737
Delta R.T. 0.249 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

Tgt Ion:252 Resp: 2691
Ion Ratio Lower Upper
252 100
253 123.9 20.3 30.5#
125 123.0 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 0.277 ng/ul

RT: 23.564 min Scan# 4913

Delta R.T. 0.237 min

Lab File: BN032446.D

Acq: 03 Jul 2024 21:11

Instrument :

BNA_N

ClientSampleId :

A4B47

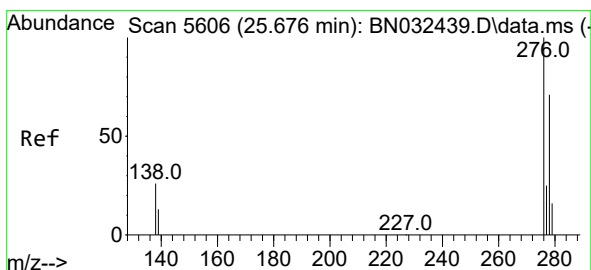
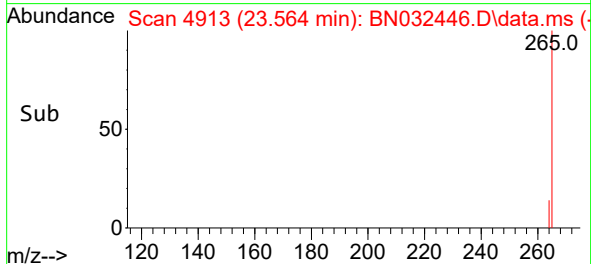
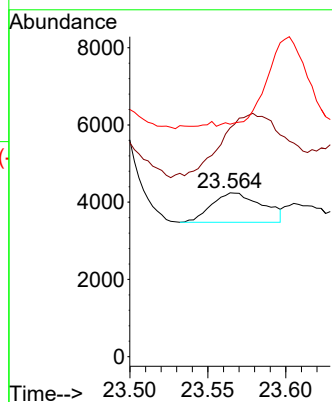
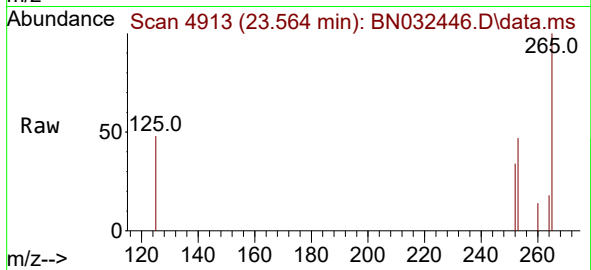
Tgt Ion:252 Resp: 1723

Ion Ratio Lower Upper

252 100

253 139.7 22.2 33.2#

125 141.9 16.4 24.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.436 ng/ul

RT: 25.925 min Scan# 5680

Delta R.T. 0.265 min

Lab File: BN032446.D

Acq: 03 Jul 2024 21:11

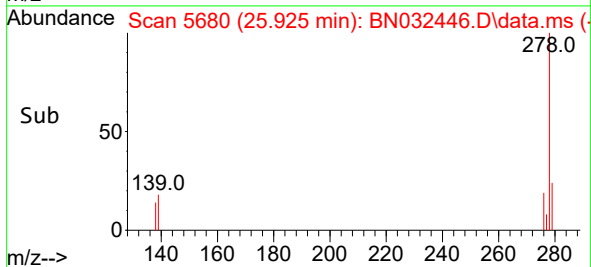
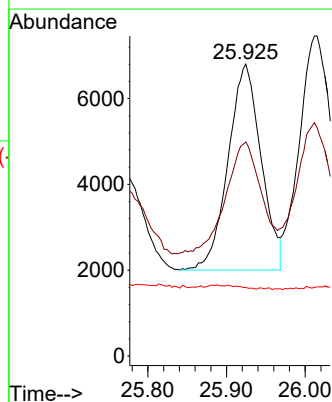
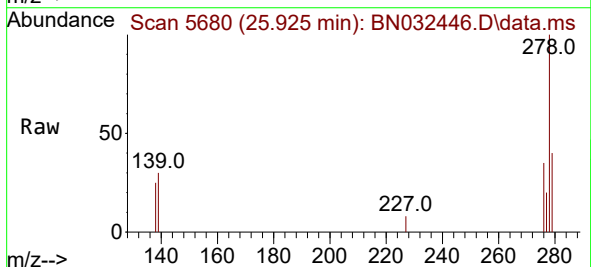
Tgt Ion:276 Resp: 13991

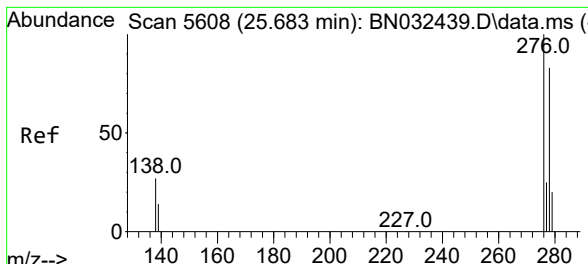
Ion Ratio Lower Upper

276 100

138 58.6 21.3 31.9#

227 0.0 0.1 0.1#



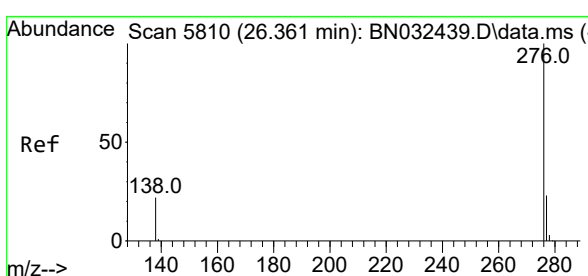
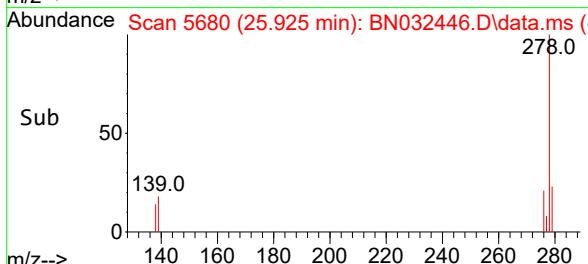
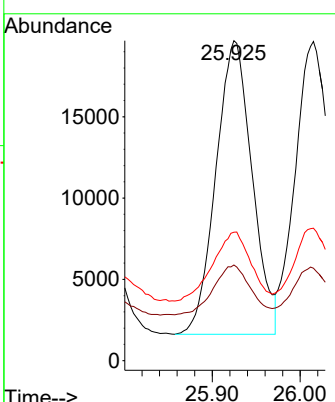
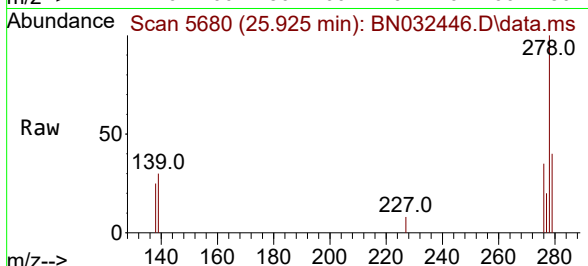


#28
 Dibenzo(a,h)anthracene
 Concen: 7.146 ng/ul
 RT: 25.925 min Scan# 51741
 Delta R.T. 0.258 min
 Lab File: BN032446.D
 Acq: 03 Jul 2024 21:11

Instrument :
 BNA_N
 ClientSampleId :
 A4B47

Tgt Ion:278 Resp: 51741

Ion	Ratio	Lower	Upper
278	100		
139	29.9	15.9	23.9#
279	40.1	21.1	31.7#



#29
 Benzo(g,h,i)perylene
 Concen: 0.503 ng/ul
 RT: 26.582 min Scan# 5876
 Delta R.T. 0.238 min
 Lab File: BN032446.D
 Acq: 03 Jul 2024 21:11

Tgt Ion:276 Resp: 3908

Ion	Ratio	Lower	Upper
276	100		
138	116.7	19.8	29.6#
277	99.9	19.8	29.6#

