

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032350.D
 Acq On : 29 Jun 2024 14:05
 Operator : MA/JU
 Sample : P2934-17
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ3

Quant Time: Jun 30 23:05:15 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

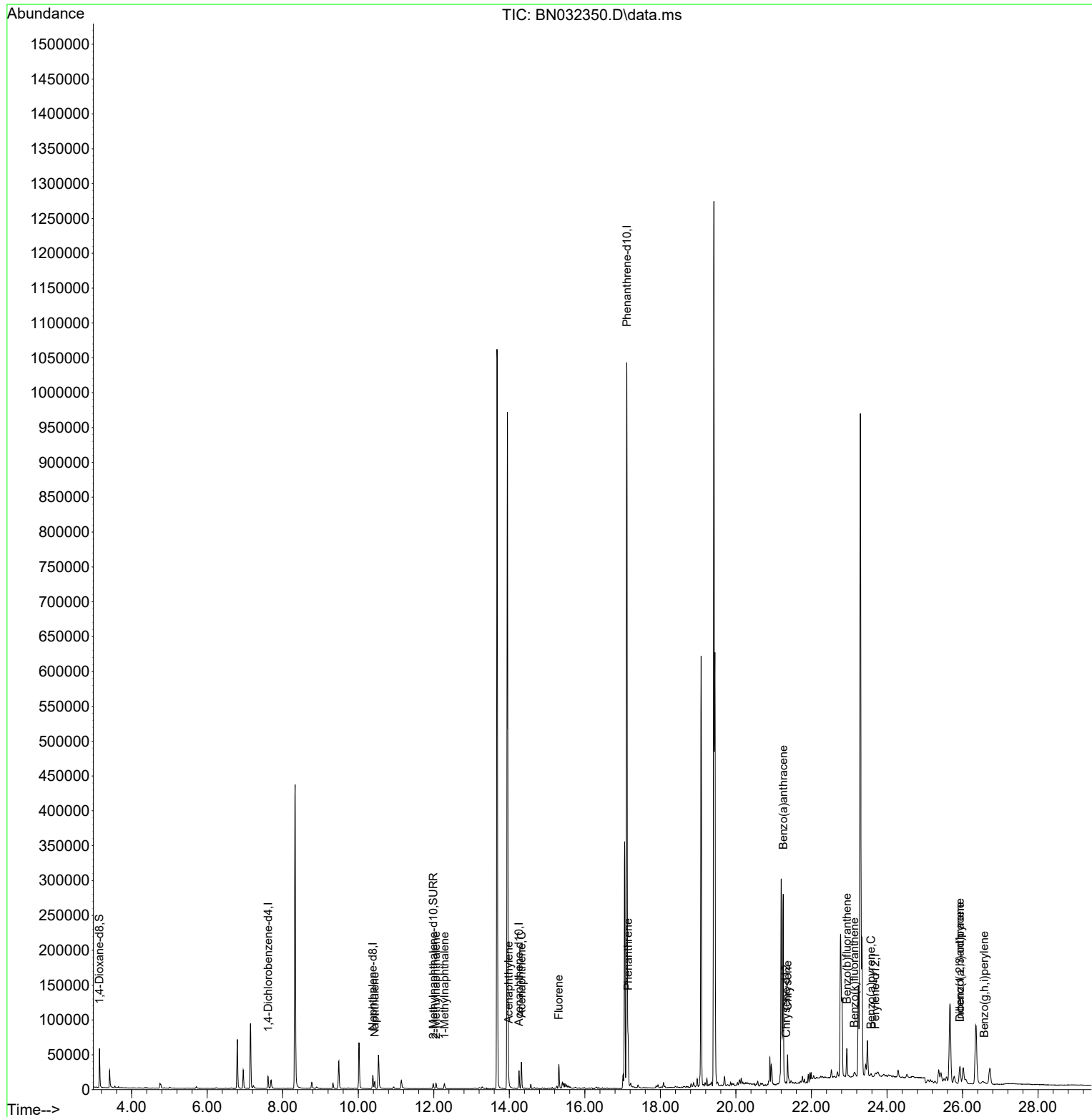
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	8967	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	27198	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	14251	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.113	188	1233091	0.400	ng/ul	0.09
17) Chrysene-d12	21.328	240	55	0.400	ng/ul	# 0.10
23) Perylene-d12	23.687	264	1710	0.400	ng/ul	# 0.23
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	37691	3.782	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	10554	0.259	ng/ul	-0.01
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						Qvalue
5) Naphthalene	10.437	128	13515	0.188	ng/ul	98
7) 2-Methylnaphthalene	12.059	142	6203	0.130	ng/ul	98
8) 1-Methylnaphthalene	12.284	142	5642	0.114	ng/ul	99
10) Acenaphthylene	13.980	152	17437	0.294	ng/ul	97
11) Acenaphthene	14.322	153	22868	0.497	ng/ul	98
12) Fluorene	15.312	166	22746	0.415	ng/ul	99
15) Phenanthrene	17.147	178	70720	0.021	ng/ul	99
21) Benzo(a)anthracene	21.252	228	260126	1310.387	ng/ul	94
22) Chrysene	21.369	228	32704	150.100	ng/ul#	52
24) Benzo(b)fluoranthene	22.935	252	50976	6.862	ng/ul	81
25) Benzo(k)fluoranthene	23.134	252	3684	0.510	ng/ul#	1
26) Benzo(a)pyrene	23.576	252	1996	0.386	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.931	276	9541	1.179	ng/ul#	39
28) Dibenzo(a,h)anthracene	25.931	278	35907	5.971	ng/ul#	84
29) Benzo(g,h,i)perylene	26.575	276	3578	0.555	ng/ul#	1

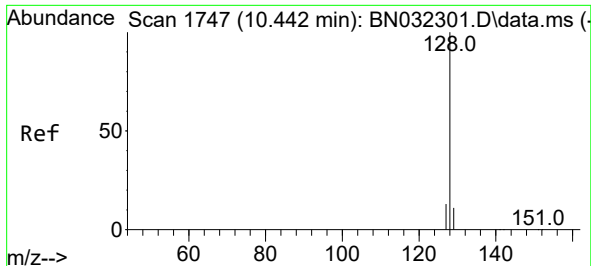
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Quant Time: Jun 30 23:05:15 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

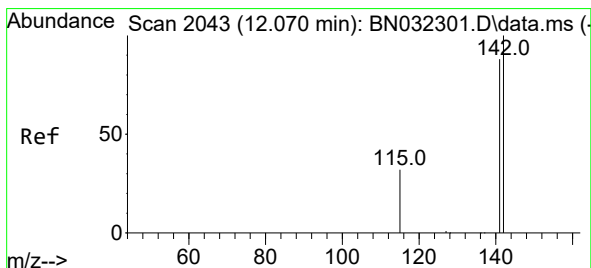
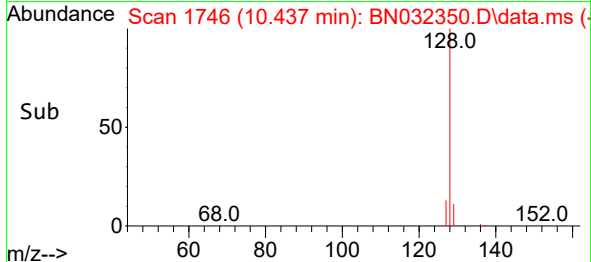
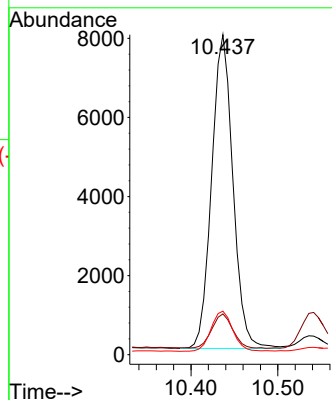
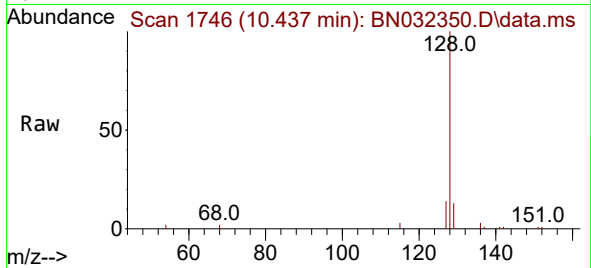




#5
Naphthalene
Concen: 0.188 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

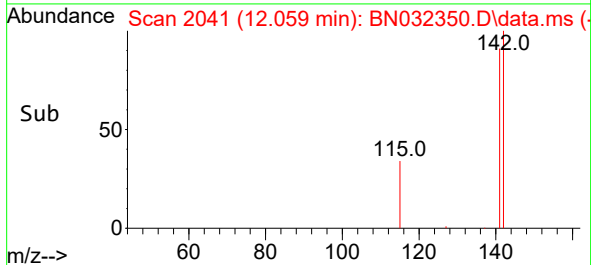
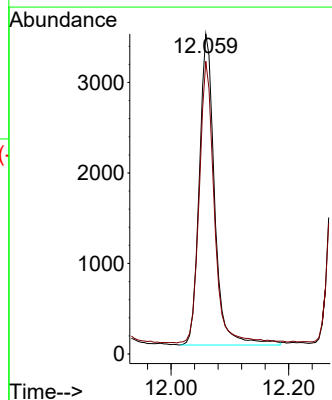
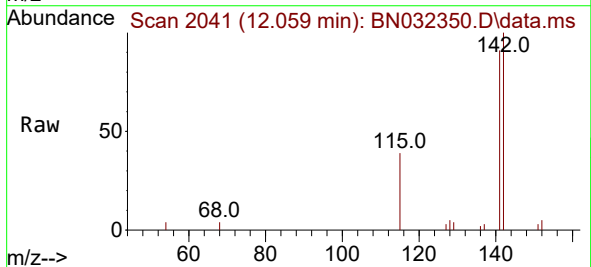
Instrument :
BNA_N
ClientSampleId :
A4CQ3

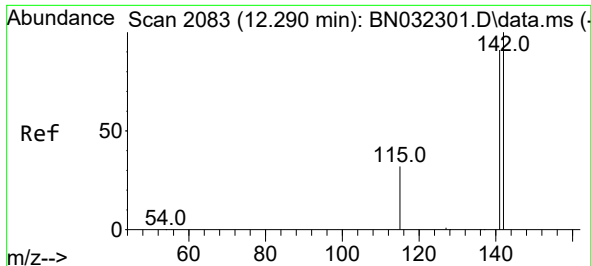
Tgt Ion:128 Resp: 13515
Ion Ratio Lower Upper
128 100
129 12.7 9.2 13.8
127 13.6 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

Tgt Ion:142 Resp: 6203
Ion Ratio Lower Upper
142 100
141 88.8 72.2 108.2

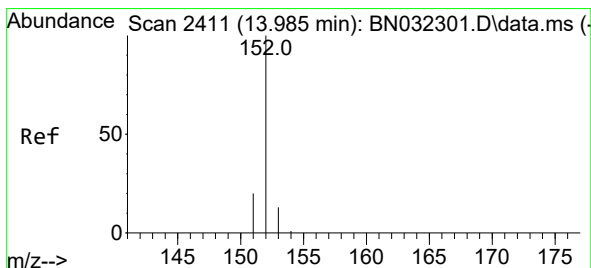
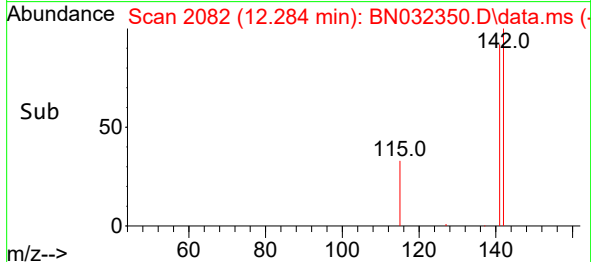
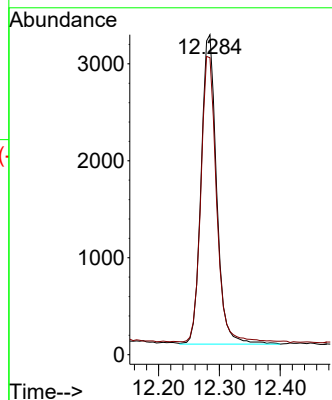
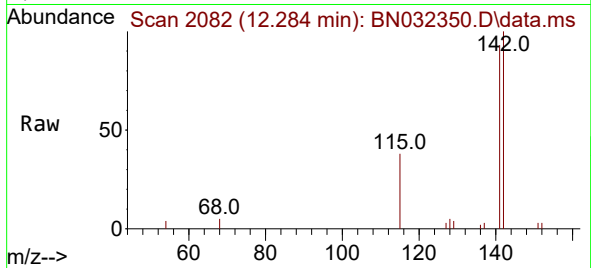




#8
1-Methylnaphthalene
Concen: 0.114 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

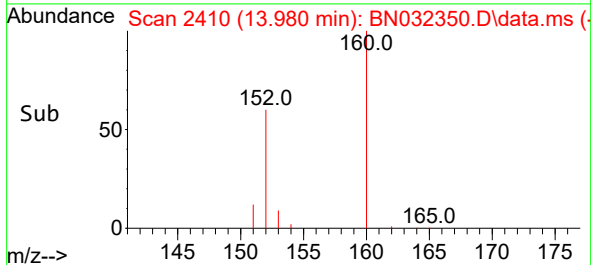
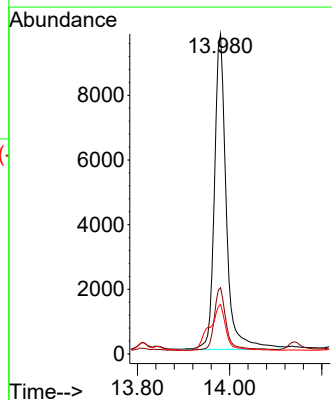
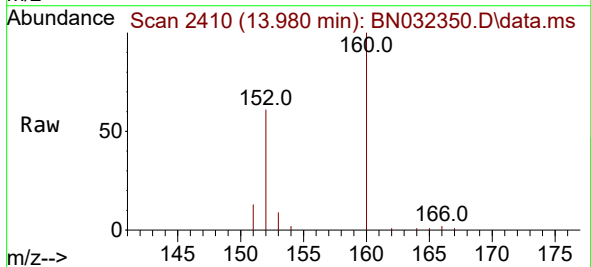
Instrument :
BNA_N
ClientSampleId :
A4CQ3

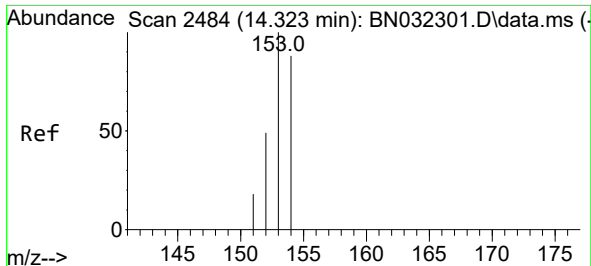
Tgt Ion:142 Resp: 5642
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.0



#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 13.980 min Scan# 2410
Delta R.T. -0.010 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

Tgt Ion:152 Resp: 17437
Ion Ratio Lower Upper
152 100
151 20.7 15.7 23.5
153 15.5 10.9 16.3

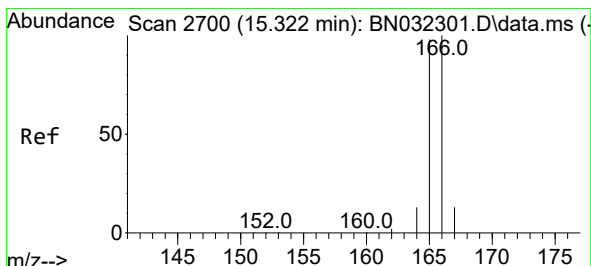
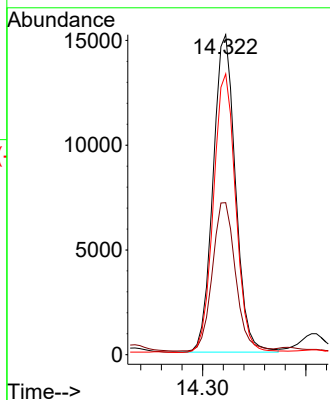
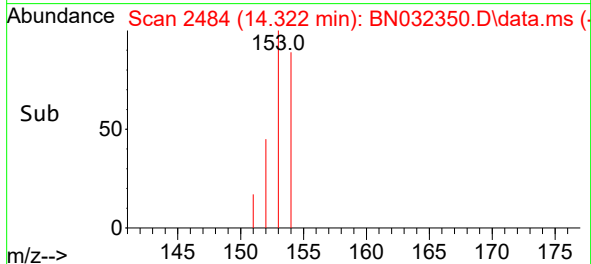
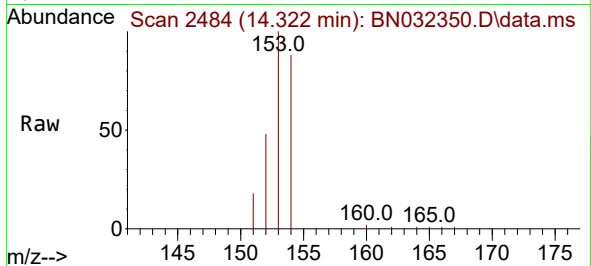




#11
Acenaphthene
Concen: 0.497 ng/ul
RT: 14.322 min Scan# 2484
Delta R.T. -0.010 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

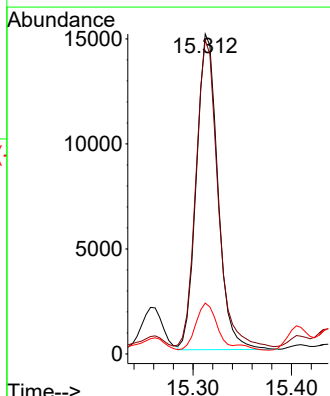
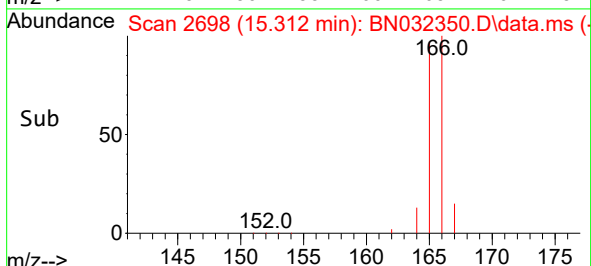
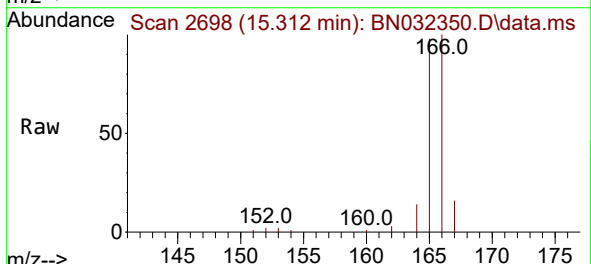
Instrument :
BNA_N
ClientSampleId :
A4CQ3

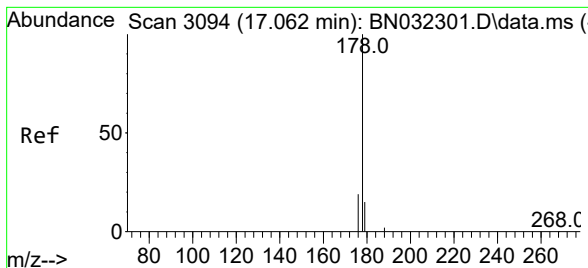
Tgt Ion:153 Resp: 22868
Ion Ratio Lower Upper
153 100
152 47.5 39.5 59.3
154 87.8 71.7 107.5



#12
Fluorene
Concen: 0.415 ng/ul
RT: 15.312 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

Tgt Ion:166 Resp: 22746
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.6
167 15.9 11.0 16.6





#15

Phenanthrene

Concen: 0.021 ng/ul

RT: 17.147 min Scan# 3114

Delta R.T. 0.080 min

Lab File: BN032350.D

Acq: 29 Jun 2024 14:05

Instrument :

BNA_N

ClientSampleId :

A4CQ3

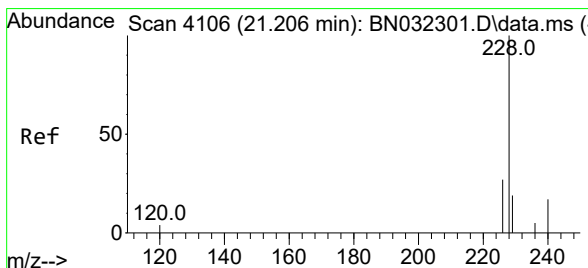
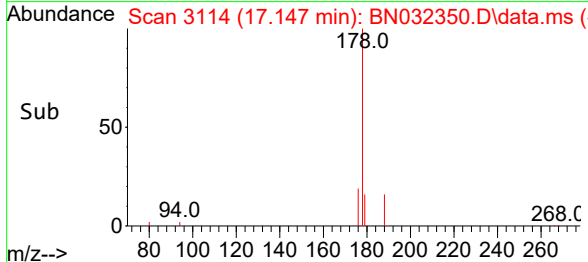
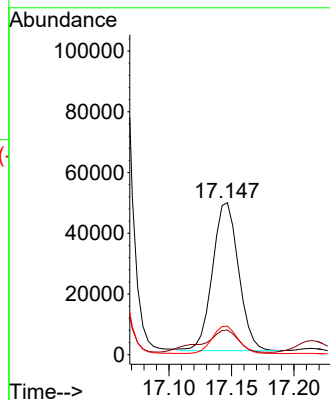
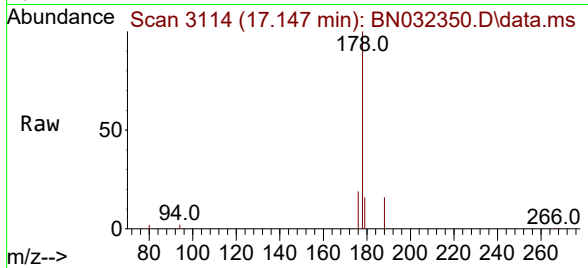
Tgt Ion:178 Resp: 70720

Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

176 18.9 15.6 23.4



#21

Benzo(a)anthracene

Concen: 1310.387 ng/ul

RT: 21.252 min Scan# 4122

Delta R.T. 0.038 min

Lab File: BN032350.D

Acq: 29 Jun 2024 14:05

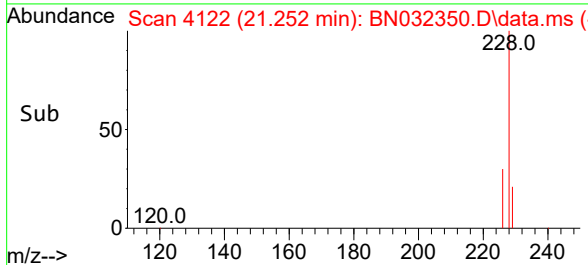
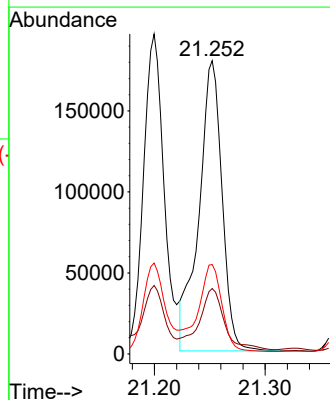
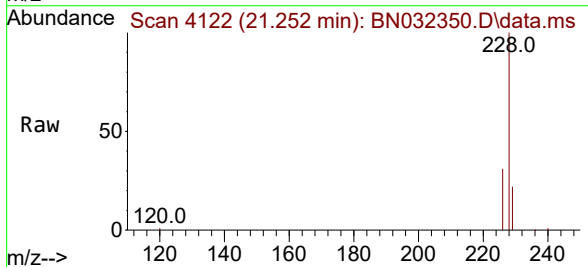
Tgt Ion:228 Resp: 260126

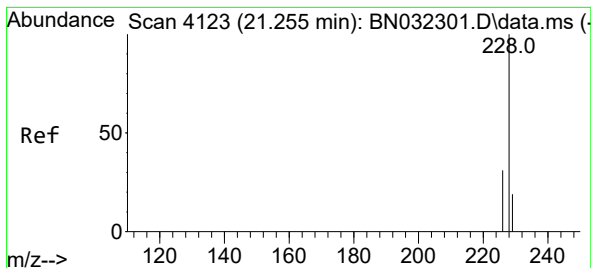
Ion Ratio Lower Upper

228 100

229 22.3 15.7 23.5

226 30.5 21.8 32.8





#22

Chrysene

Concen: 150.100 ng/ul

RT: 21.369 min Scan# 41

Delta R.T. 0.102 min

Lab File: BN032350.D

Acq: 29 Jun 2024 14:05

Instrument :

BNA_N

ClientSampleId :

A4CQ3

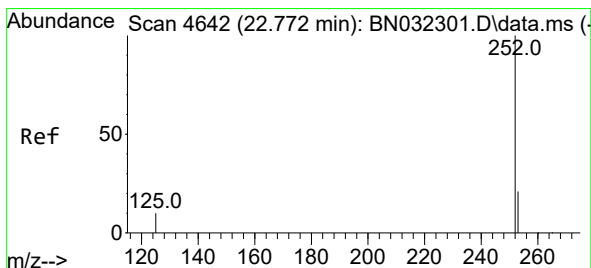
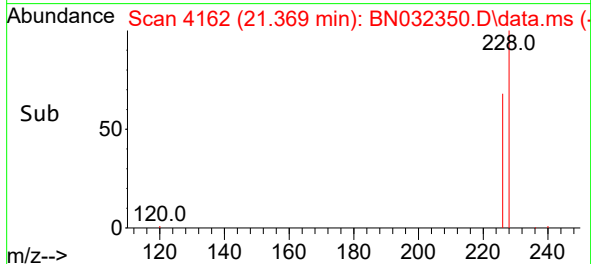
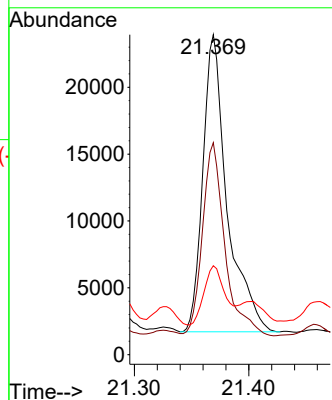
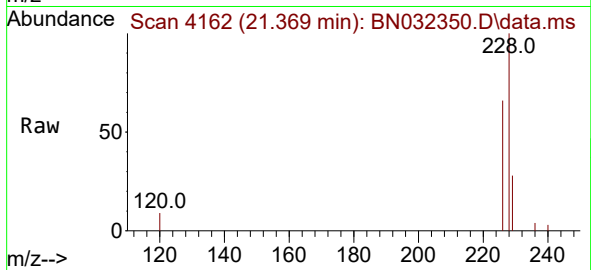
Tgt Ion:228 Resp: 32704

Ion Ratio Lower Upper

228 100

226 66.3 23.6 35.4#

229 27.8 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 6.862 ng/ul

RT: 22.935 min Scan# 4698

Delta R.T. 0.152 min

Lab File: BN032350.D

Acq: 29 Jun 2024 14:05

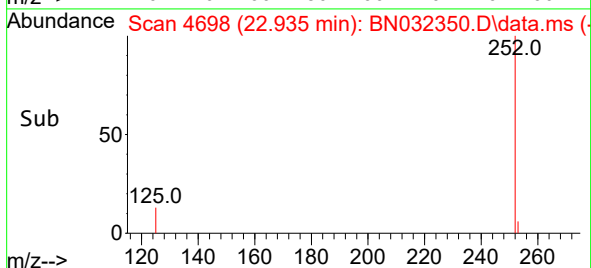
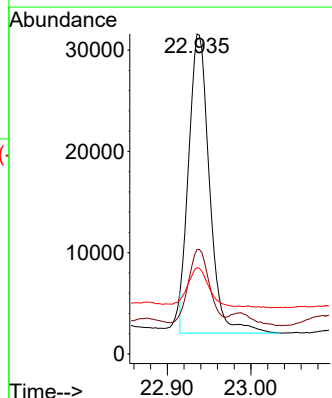
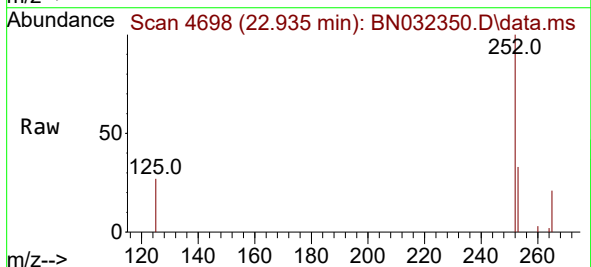
Tgt Ion:252 Resp: 50976

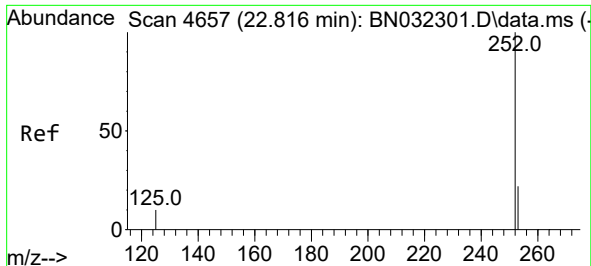
Ion Ratio Lower Upper

252 100

253 32.7 0.0 50.2

125 27.0 0.0 32.0

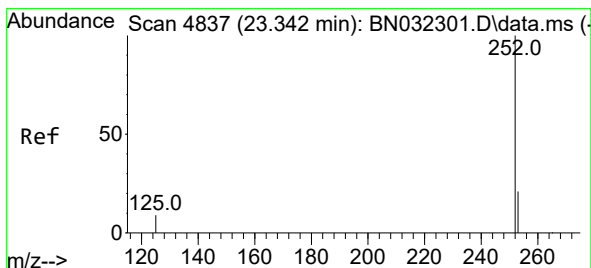
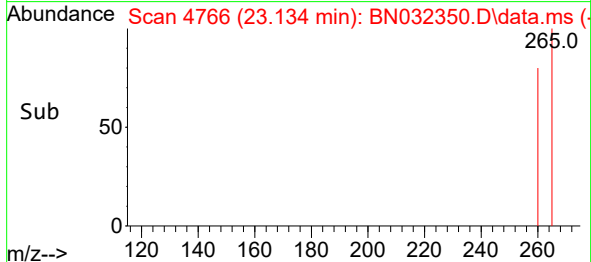
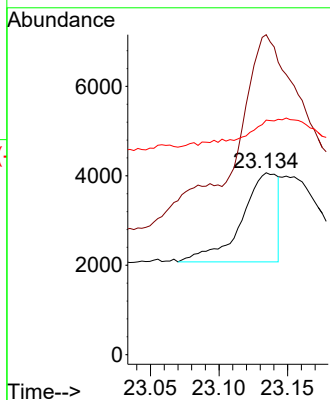
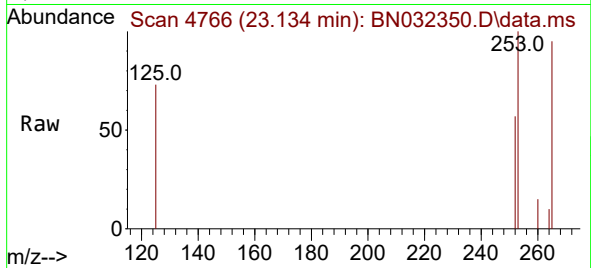




#25
Benzo(k)fluoranthene
Concen: 0.510 ng/ul
RT: 23.134 min Scan# 41
Delta R.T. 0.307 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

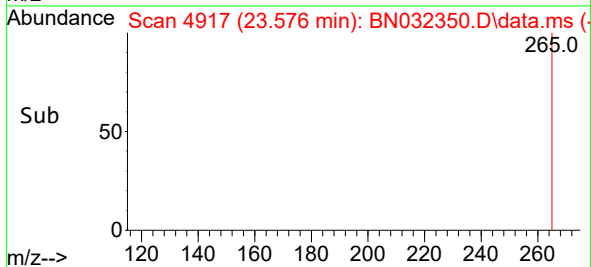
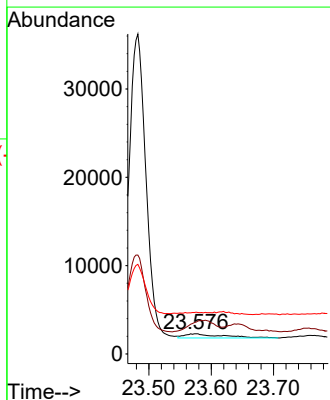
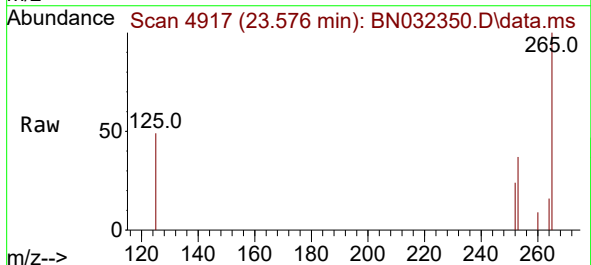
Instrument :
BNA_N
ClientSampleId :
A4CQ3

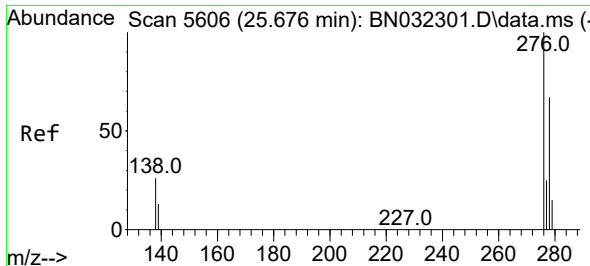
Tgt Ion:252 Resp: 3684
Ion Ratio Lower Upper
252 100
253 175.9 20.3 30.5#
125 129.0 12.8 19.2#



#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.576 min Scan# 4917
Delta R.T. 0.216 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

Tgt Ion:252 Resp: 1996
Ion Ratio Lower Upper
252 100
253 157.8 22.2 33.2#
125 206.3 16.4 24.6#

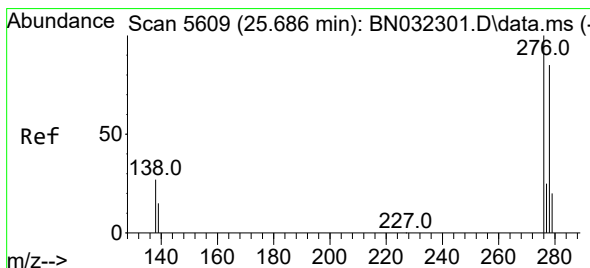
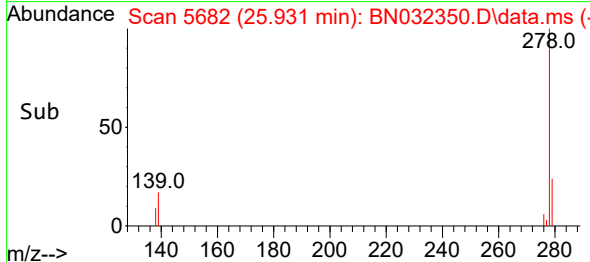
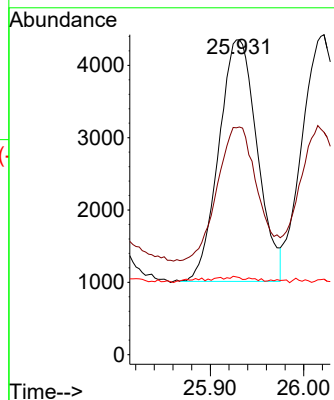
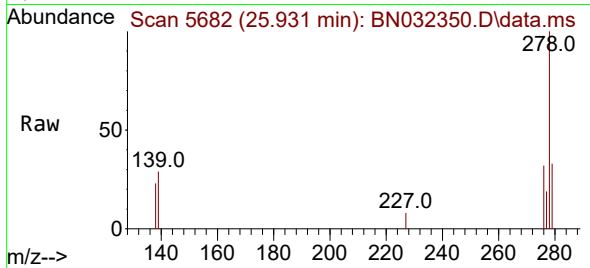




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.179 ng/ul
 RT: 25.931 min Scan# 5682
 Delta R.T. 0.231 min
 Lab File: BN032350.D
 Acq: 29 Jun 2024 14:05

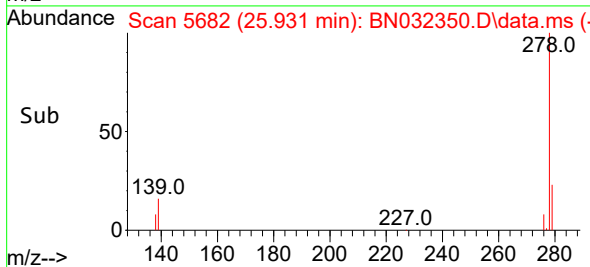
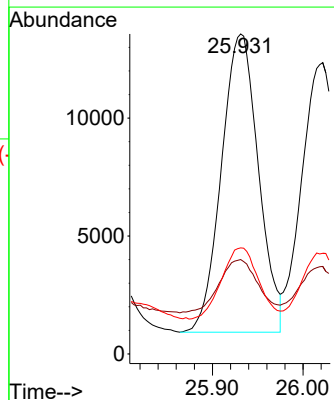
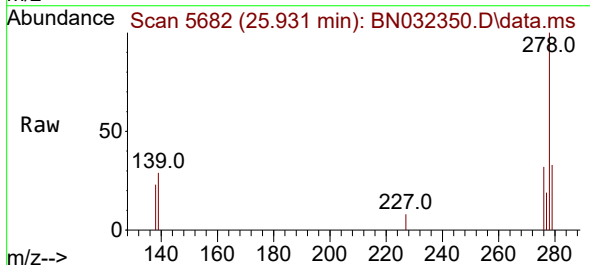
Instrument :
 BNA_N
 ClientSampleId :
 A4CQ3

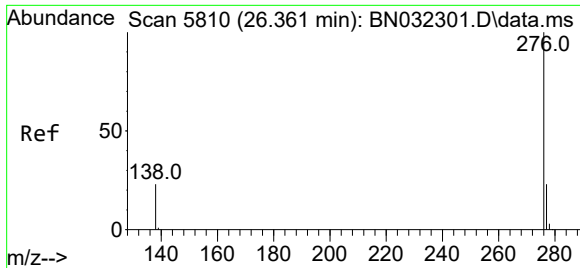
Tgt Ion:276 Resp: 9541
 Ion Ratio Lower Upper
 276 100
 138 58.1 21.3 31.9#
 227 0.6 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 5.971 ng/ul
 RT: 25.931 min Scan# 5682
 Delta R.T. 0.221 min
 Lab File: BN032350.D
 Acq: 29 Jun 2024 14:05

Tgt Ion:278 Resp: 35907
 Ion Ratio Lower Upper
 278 100
 139 29.5 15.9 23.9#
 279 33.1 21.1 31.7#





#29

Benzo(g,h,i)perylene

Concen: 0.555 ng/ul

RT: 26.575 min Scan# 51

Delta R.T. 0.194 min

Lab File: BN032350.D

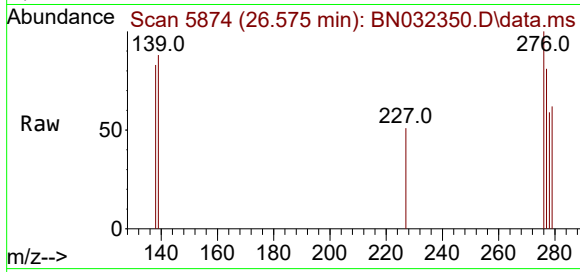
Acq: 29 Jun 2024 14:05

Instrument :

BNA_N

ClientSampleId :

A4CQ3



Tgt Ion:276 Resp: 3578

Ion Ratio Lower Upper

276 100

138 83.2 19.8 29.6#

277 80.8 19.8 29.6#

