

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032348.D
 Acq On : 29 Jun 2024 12:53
 Operator : MA/JU
 Sample : P2934-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B58

Quant Time: Jun 30 23:04:55 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)

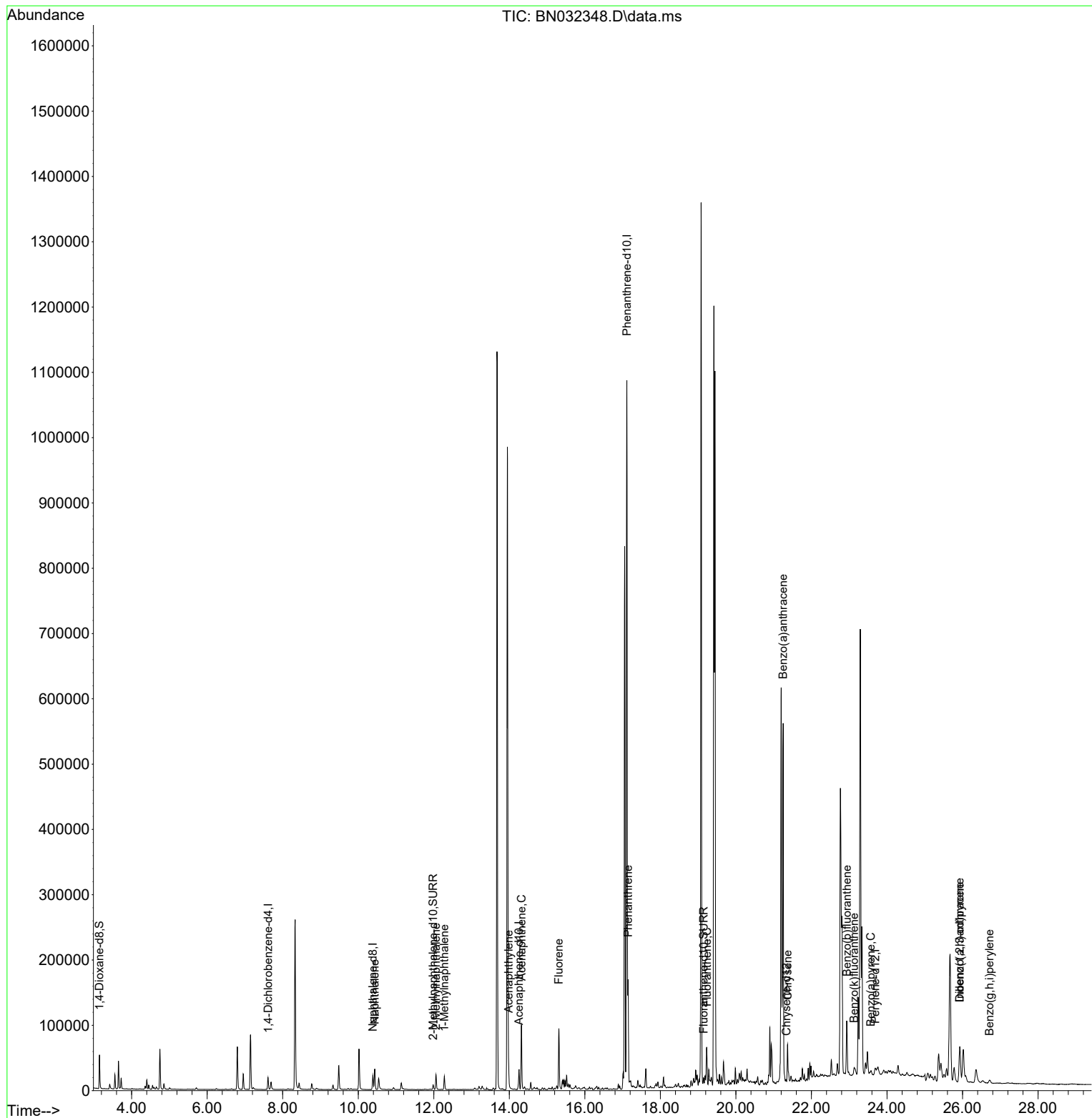
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	9603	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	29967	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	16902	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.113	188	1285905	0.400	ng/ul	0.09
17) Chrysene-d12	21.334	240	110	0.400	ng/ul	# 0.11
23) Perylene-d12	23.687	264	3885	0.400	ng/ul	# 0.23
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	34518	3.234	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	10487	0.233	ng/ul	-0.02
18) Fluoranthene-d10	19.143	212	332	1.003	ng/ul	0.08
Target Compounds						Qvalue
5) Naphthalene	10.437	128	43570	0.549	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	17172	0.327	ng/ul	98
8) 1-Methylnaphthalene	12.279	142	14616	0.268	ng/ul	99
10) Acenaphthylene	13.980	152	41949	0.597	ng/ul	98
11) Acenaphthene	14.323	153	58405	1.071	ng/ul	98
12) Fluorene	15.313	166	59963	0.922	ng/ul	99
15) Phenanthrene	17.147	178	164137	0.047	ng/ul	98
19) Fluoranthene	19.231	202	26891	64.199	ng/ul#	93
21) Benzo(a)anthracene	21.249	228	493342	1242.608	ng/ul	94
22) Chrysene	21.369	228	47442	108.871	ng/ul#	52
24) Benzo(b)fluoranthene	22.936	252	103720	6.145	ng/ul	86
25) Benzo(k)fluoranthene	23.132	252	6123	0.373	ng/ul#	1
26) Benzo(a)pyrene	23.570	252	1584	0.135	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.928	276	21457	1.167	ng/ul#	45
28) Dibenzo(a,h)anthracene	25.928	278	79088	5.789	ng/ul#	91
29) Benzo(g,h,i)perylene	26.716	276	8650	0.591	ng/ul#	14

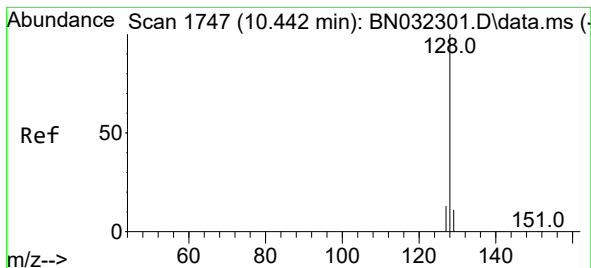
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.549 ng/ul

RT: 10.437 min Scan# 1746

Delta R.T. -0.011 min

Lab File: BN032348.D

Acq: 29 Jun 2024 12:53

Instrument :

BNA_N

ClientSampleId :

A4B58

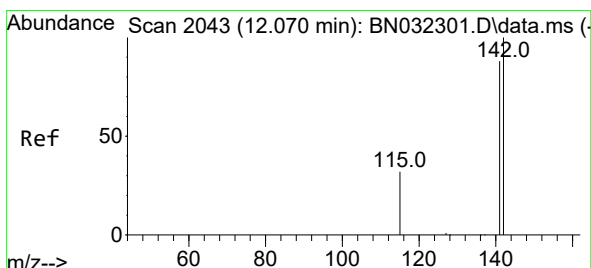
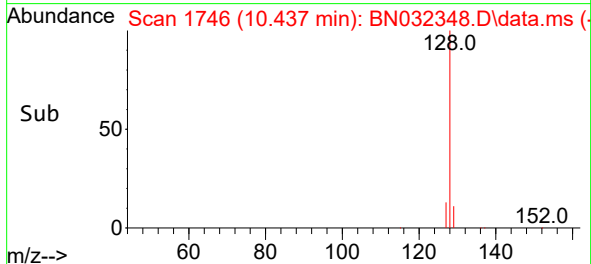
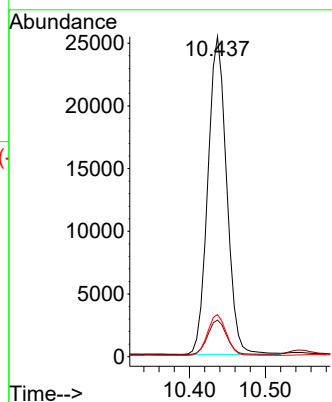
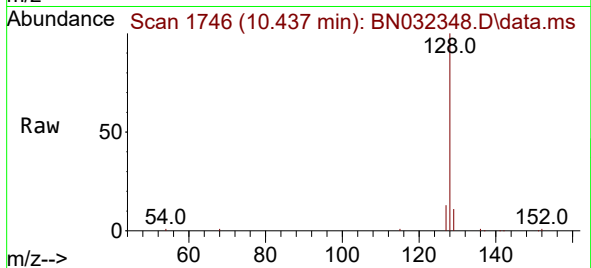
Tgt Ion:128 Resp: 43570

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

127 13.2 10.8 16.2



#7

2-Methylnaphthalene

Concen: 0.327 ng/ul

RT: 12.059 min Scan# 2041

Delta R.T. -0.017 min

Lab File: BN032348.D

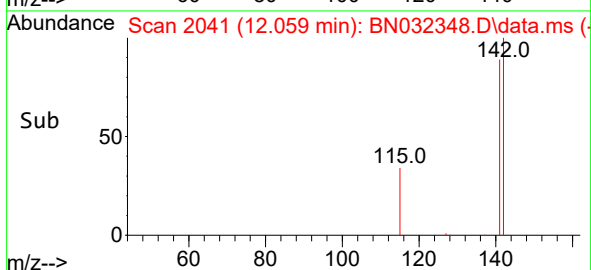
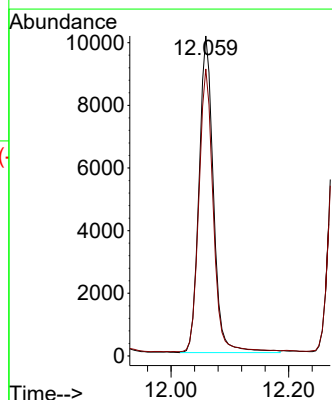
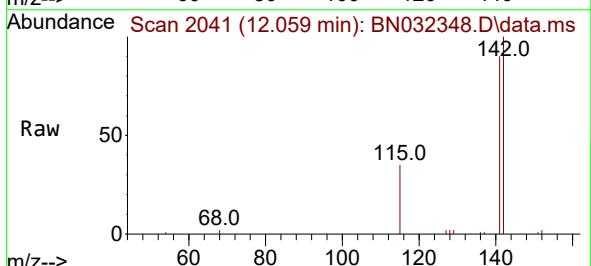
Acq: 29 Jun 2024 12:53

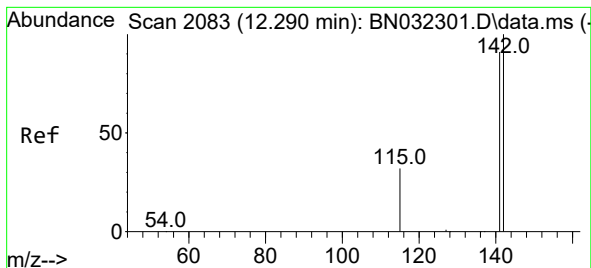
Tgt Ion:142 Resp: 17172

Ion Ratio Lower Upper

142 100

141 88.6 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.268 ng/ul

RT: 12.279 min Scan# 2081

Delta R.T. -0.017 min

Lab File: BN032348.D

Acq: 29 Jun 2024 12:53

Instrument :

BNA_N

ClientSampleId :

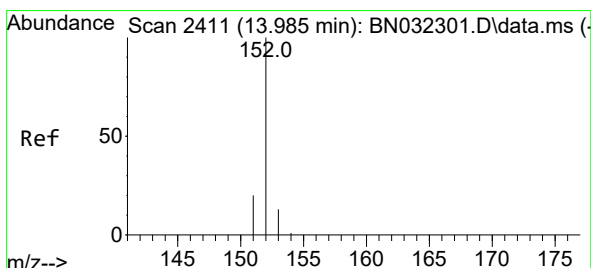
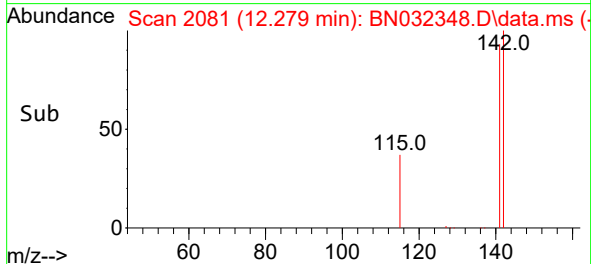
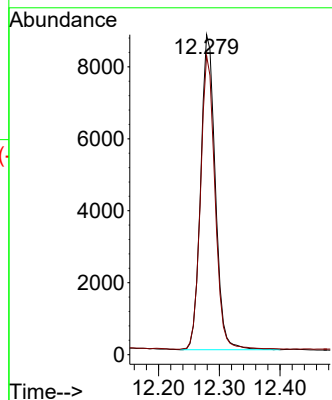
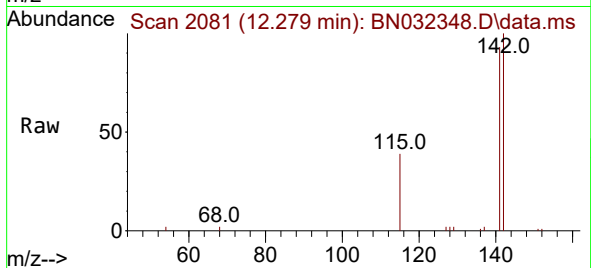
A4B58

Tgt Ion:142 Resp: 14616

Ion Ratio Lower Upper

142 100

141 92.7 73.4 110.0



#10

Acenaphthylene

Concen: 0.597 ng/ul

RT: 13.980 min Scan# 2410

Delta R.T. -0.009 min

Lab File: BN032348.D

Acq: 29 Jun 2024 12:53

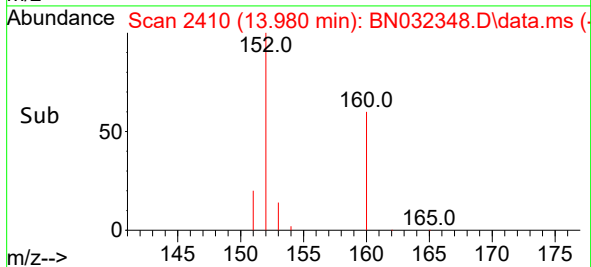
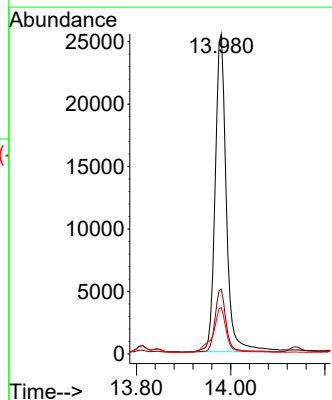
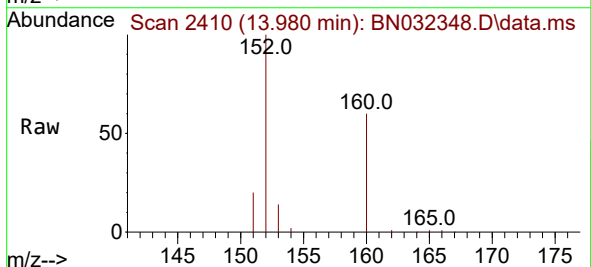
Tgt Ion:152 Resp: 41949

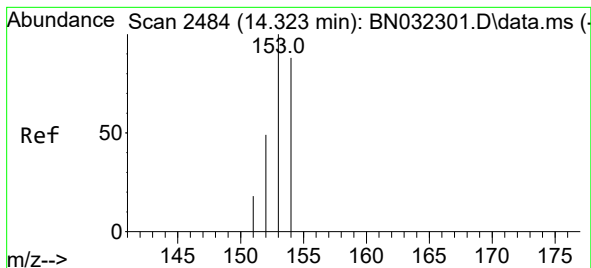
Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

153 14.5 10.9 16.3





#11

Acenaphthene

Concen: 1.071 ng/ul

RT: 14.323 min Scan# 2484

Delta R.T. -0.009 min

Lab File: BN032348.D

Acq: 29 Jun 2024 12:53

Instrument :

BNA_N

ClientSampleId :

A4B58

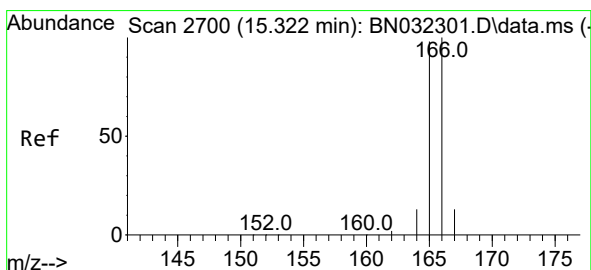
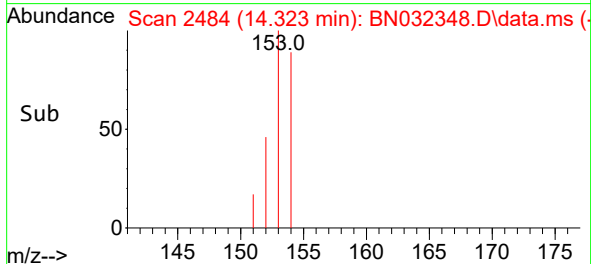
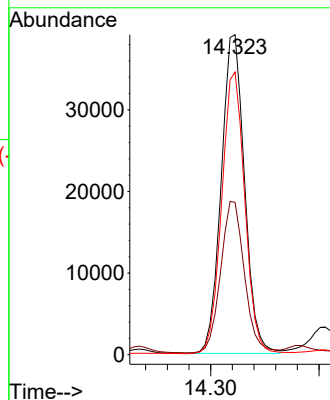
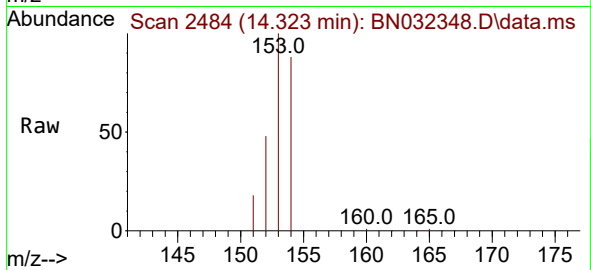
Tgt Ion:153 Resp: 58405

Ion Ratio Lower Upper

153 100

152 47.6 39.5 59.3

154 88.4 71.7 107.5



#12

Fluorene

Concen: 0.922 ng/ul

RT: 15.313 min Scan# 2698

Delta R.T. -0.014 min

Lab File: BN032348.D

Acq: 29 Jun 2024 12:53

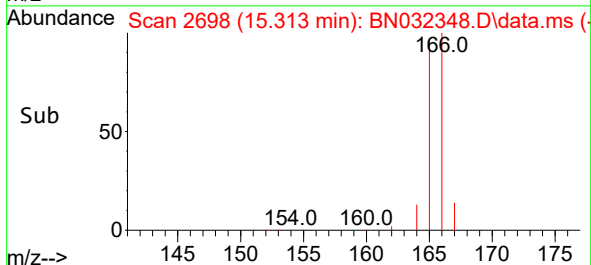
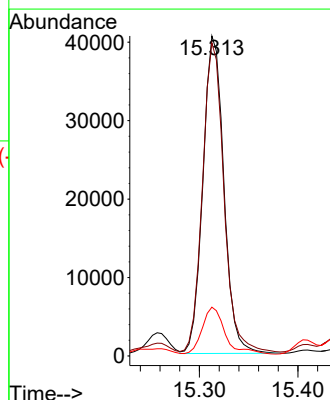
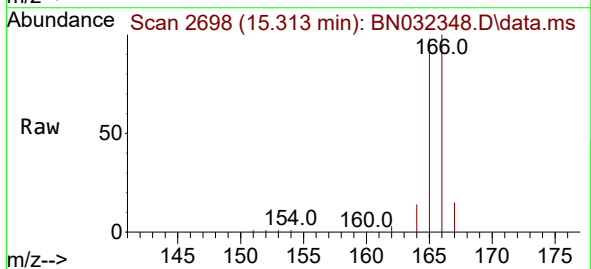
Tgt Ion:166 Resp: 59963

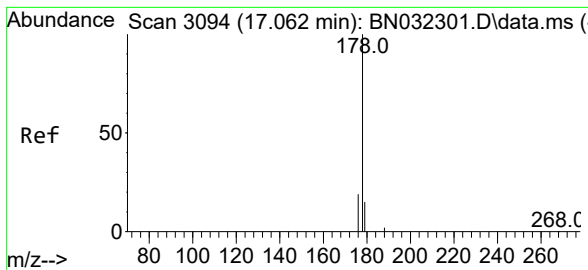
Ion Ratio Lower Upper

166 100

165 97.9 79.0 118.6

167 15.2 11.0 16.6





#15

Phenanthrene

Concen: 0.047 ng/ul

RT: 17.147 min Scan# 3114

Delta R.T. 0.080 min

Lab File: BN032348.D

Acq: 29 Jun 2024 12:53

Instrument :

BNA_N

ClientSampleId :

A4B58

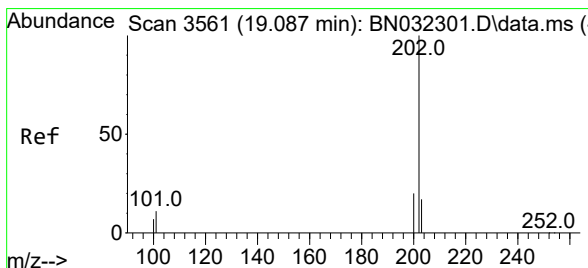
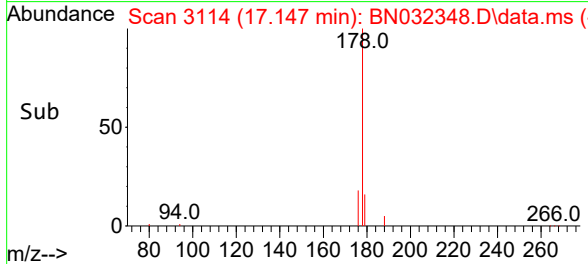
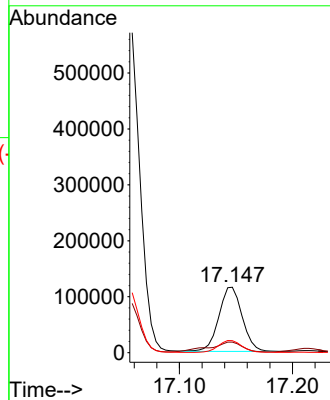
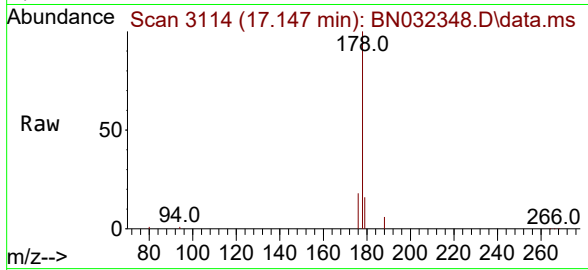
Tgt Ion:178 Resp: 164137

Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

176 18.4 15.6 23.4



#19

Fluoranthene

Concen: 64.199 ng/ul

RT: 19.231 min Scan# 3592

Delta R.T. 0.139 min

Lab File: BN032348.D

Acq: 29 Jun 2024 12:53

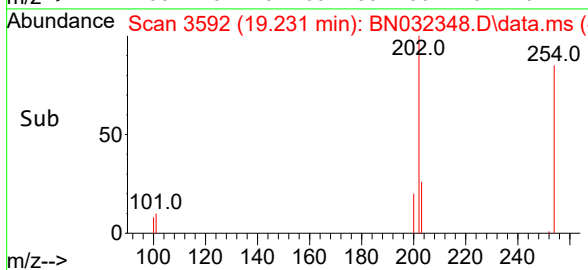
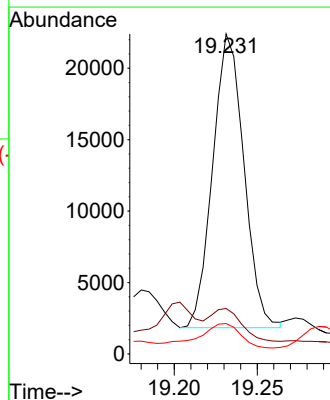
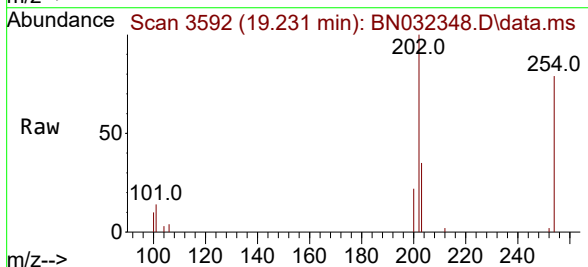
Tgt Ion:202 Resp: 26891

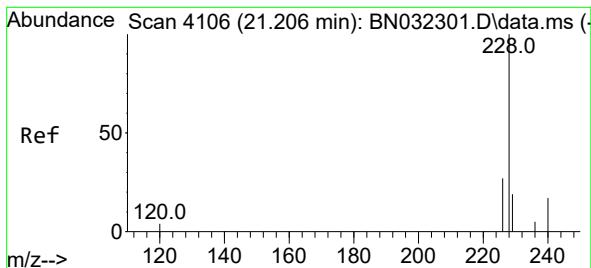
Ion Ratio Lower Upper

202 100

101 14.2 8.8 13.2#

100 9.5 6.4 9.6





#21

Benzo(a)anthracene

Concen: 1242.608 ng/ul

RT: 21.249 min Scan# 4112

Delta R.T. 0.035 min

Lab File: BN032348.D

Acq: 29 Jun 2024 12:53

Instrument :

BNA_N

ClientSampleId :

A4B58

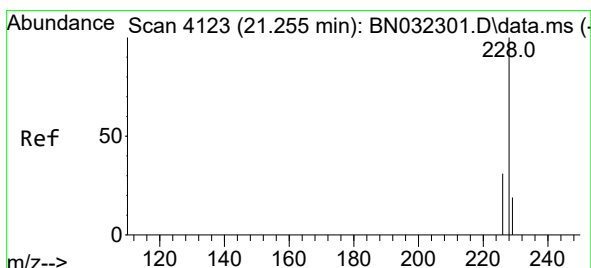
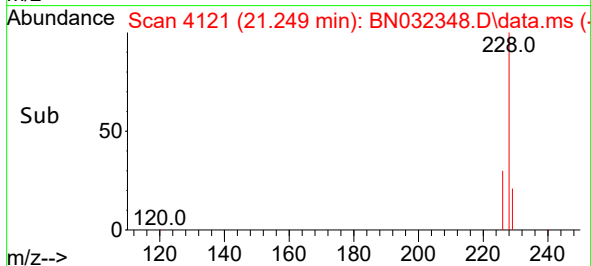
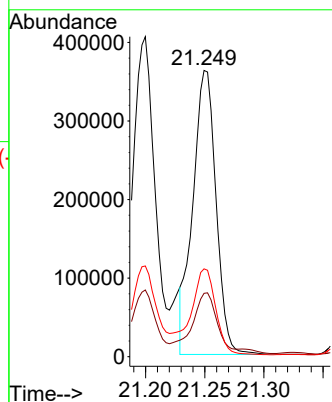
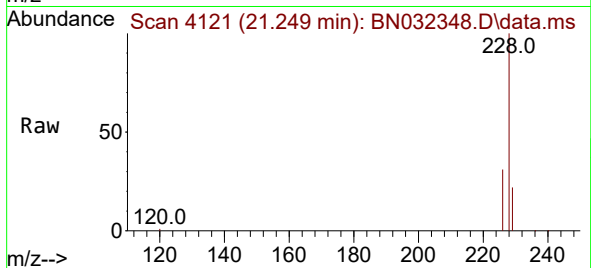
Tgt Ion:228 Resp: 493342

Ion Ratio Lower Upper

228 100

229 22.1 15.7 23.5

226 30.7 21.8 32.8



#22

Chrysene

Concen: 108.871 ng/ul

RT: 21.369 min Scan# 4162

Delta R.T. 0.102 min

Lab File: BN032348.D

Acq: 29 Jun 2024 12:53

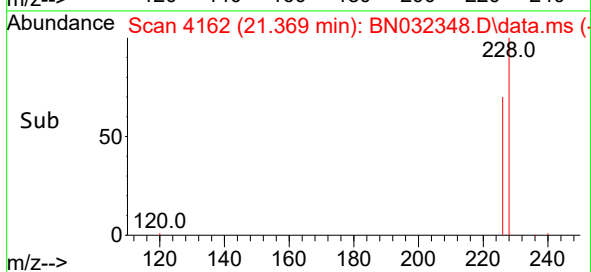
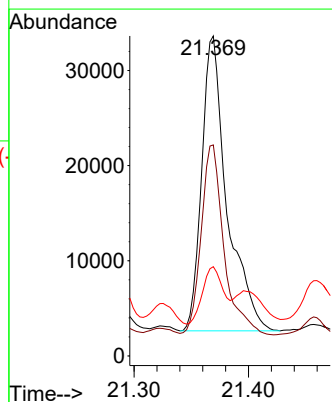
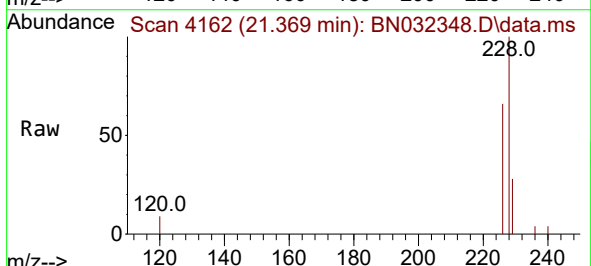
Tgt Ion:228 Resp: 47442

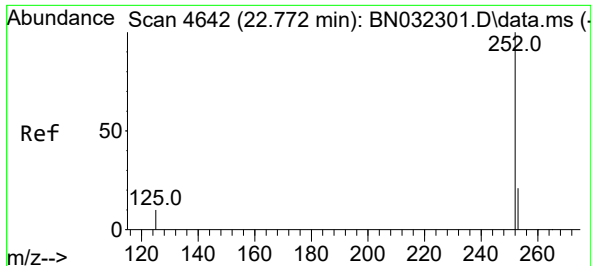
Ion Ratio Lower Upper

228 100

226 66.0 23.6 35.4#

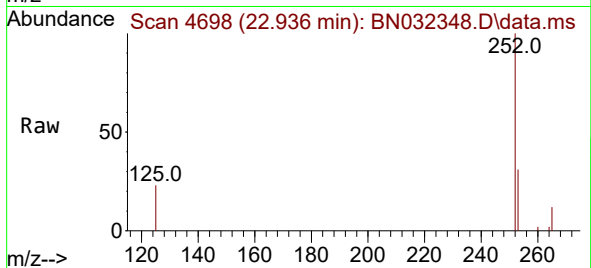
229 27.9 15.7 23.5#



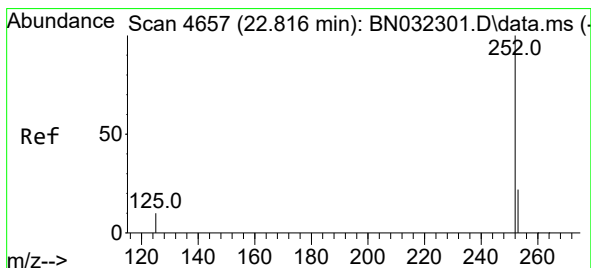
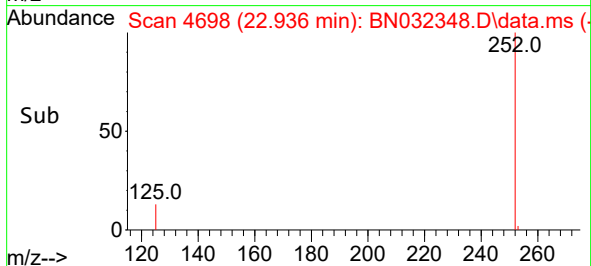
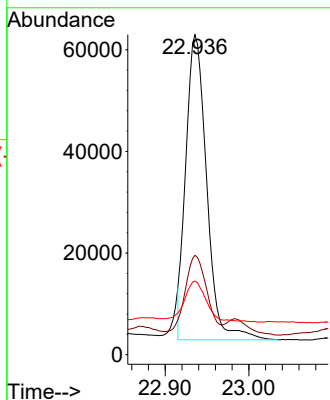


#24
Benzo(b)fluoranthene
Concen: 6.145 ng/ul
RT: 22.936 min Scan# 4698
Delta R.T. 0.152 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53

Instrument :
BNA_N
ClientSampleId :
A4B58

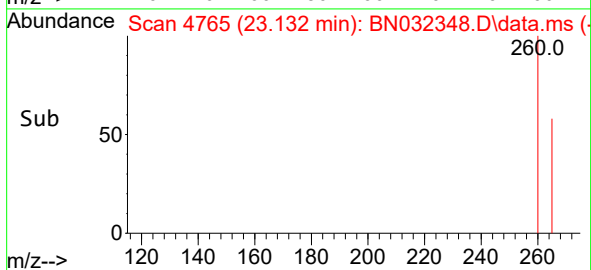
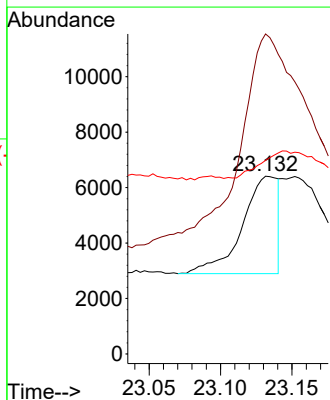
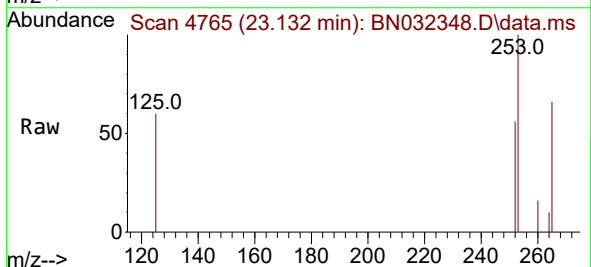


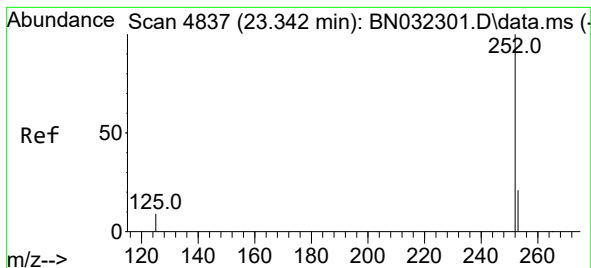
Tgt Ion:252 Resp: 103720
Ion Ratio Lower Upper
252 100
253 31.1 0.0 50.2
125 23.0 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.132 min Scan# 4765
Delta R.T. 0.304 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53

Tgt Ion:252 Resp: 6123
Ion Ratio Lower Upper
252 100
253 180.0 20.3 30.5#
125 108.9 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 0.135 ng/ul

RT: 23.570 min Scan# 4915

Delta R.T. 0.210 min

Lab File: BN032348.D

Acq: 29 Jun 2024 12:53

Instrument :

BNA_N

ClientSampleId :

A4B58

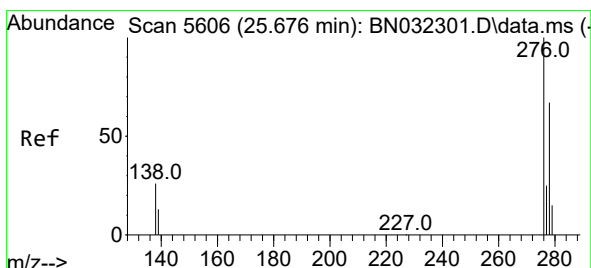
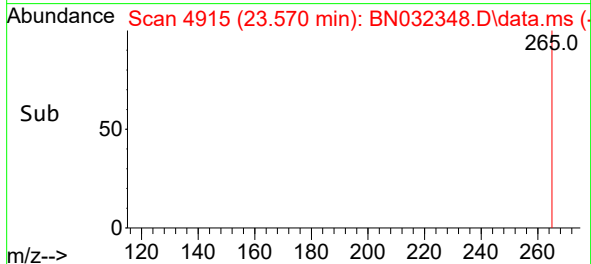
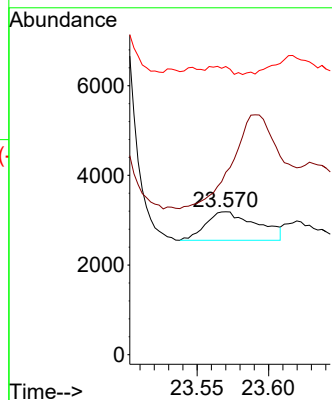
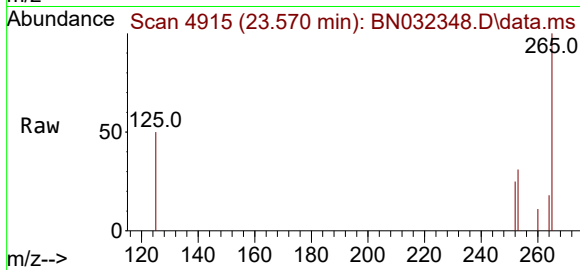
Tgt Ion:252 Resp: 1584

Ion Ratio Lower Upper

252 100

253 127.7 22.2 33.2#

125 201.8 16.4 24.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.167 ng/ul

RT: 25.928 min Scan# 5681

Delta R.T. 0.228 min

Lab File: BN032348.D

Acq: 29 Jun 2024 12:53

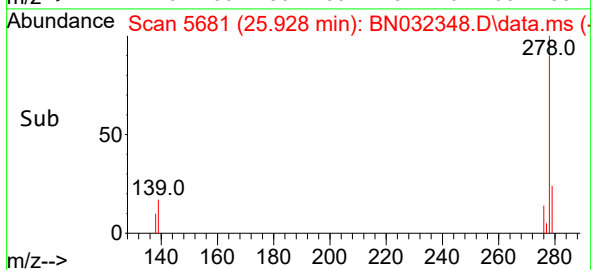
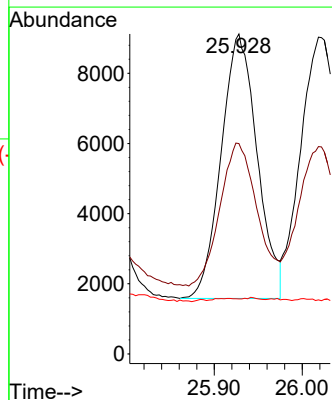
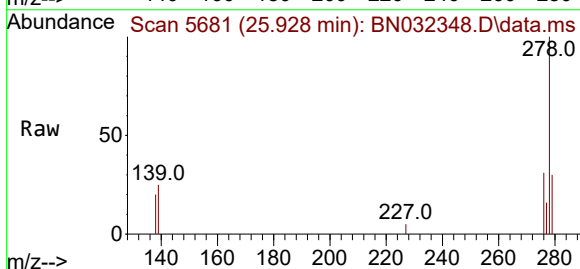
Tgt Ion:276 Resp: 21457

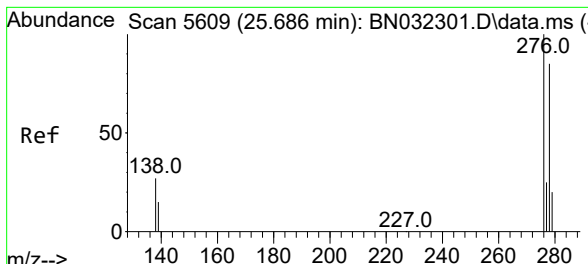
Ion Ratio Lower Upper

276 100

138 55.2 21.3 31.9#

227 0.5 0.1 0.1#



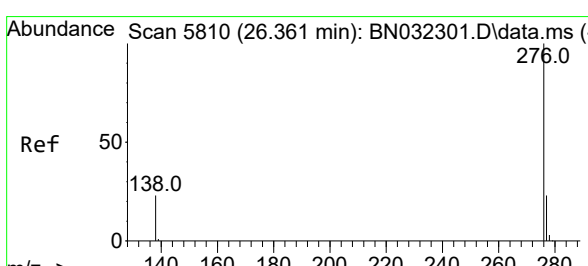
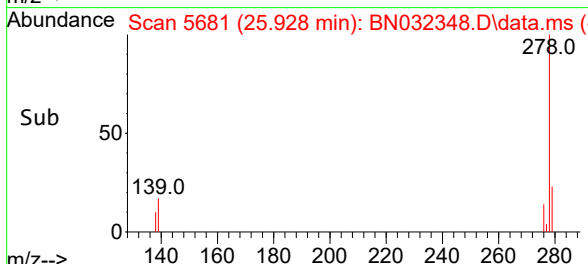
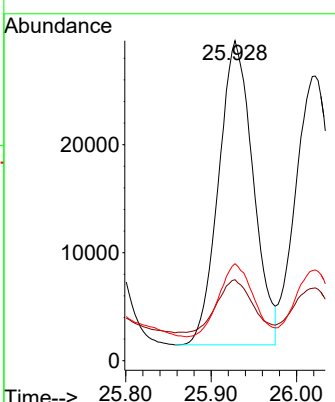
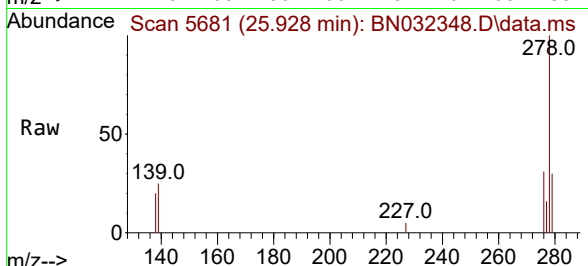


#28
 Dibenzo(a,h)anthracene
 Concen: 5.789 ng/ul
 RT: 25.928 min Scan# 5016
 Delta R.T. 0.218 min
 Lab File: BN032348.D
 Acq: 29 Jun 2024 12:53

Instrument :
 BNA_N
 ClientSampleId :
 A4B58

Tgt Ion: 278 Resp: 79088

Ion	Ratio	Lower	Upper
278	100		
139	25.3	15.9	23.9#
279	30.3	21.1	31.7



#29
 Benzo(g,h,i)perylene
 Concen: 0.591 ng/ul
 RT: 26.716 min Scan# 5916
 Delta R.T. 0.335 min
 Lab File: BN032348.D
 Acq: 29 Jun 2024 12:53

Tgt Ion: 276 Resp: 8650

Ion	Ratio	Lower	Upper
276	100		
138	66.1	19.8	29.6#
277	68.7	19.8	29.6#

