

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032349.D
 Acq On : 29 Jun 2024 13:29
 Operator : MA/JU
 Sample : P2934-09
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP5

Quant Time: Jun 30 23:05:05 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

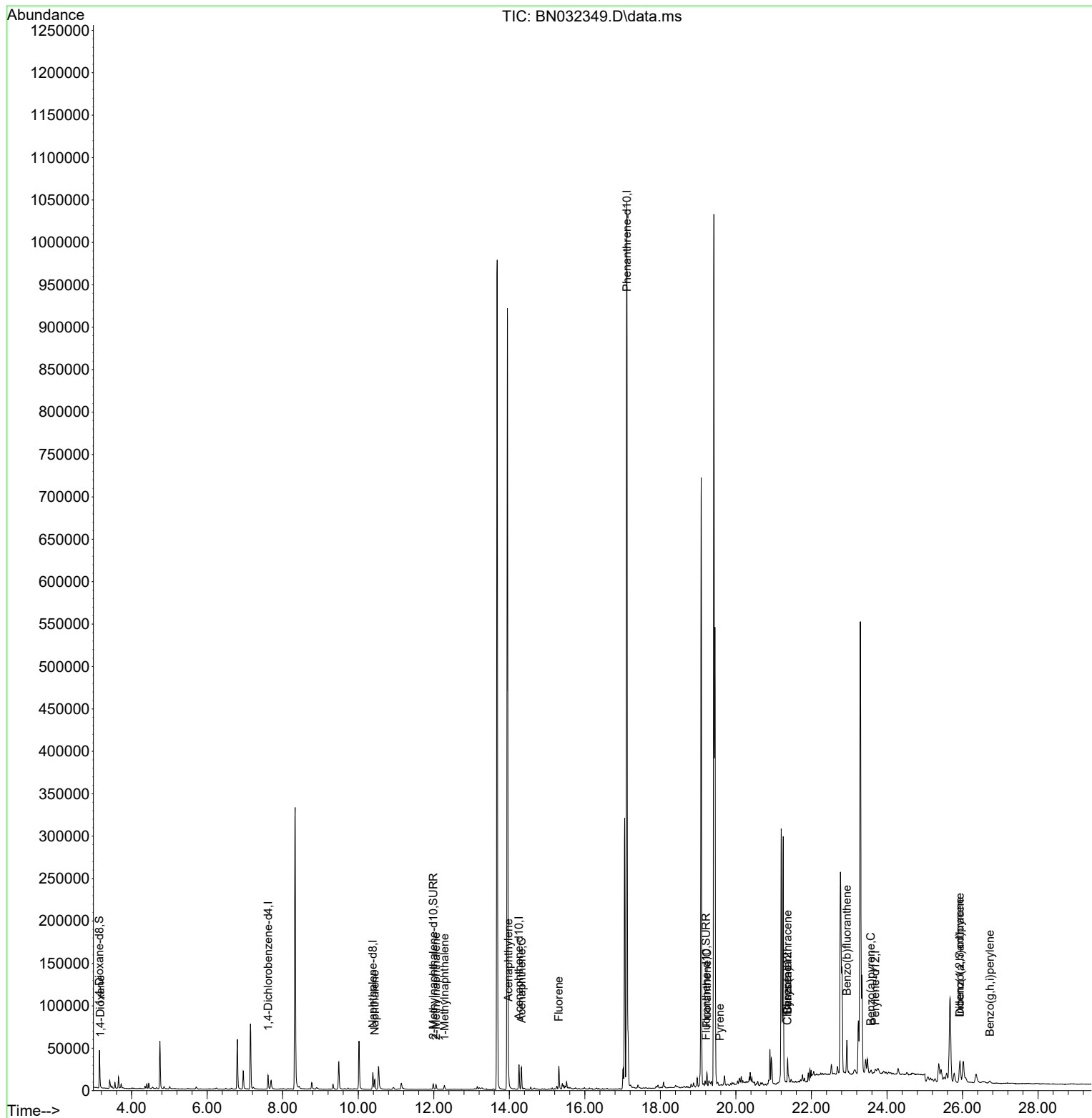
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	8624	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	27466	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	16205	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.113	188	1241361	0.400	ng/ul	0.09
17) Chrysene-d12	21.360	240	279	0.400	ng/ul	# 0.13
23) Perylene-d12	23.690	264	2460	0.400	ng/ul	# 0.24
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	30535	3.185	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.987	152	9275	0.225	ng/ul	-0.01
18) Fluoranthene-d10	19.208	212	45	0.054	ng/ul	0.15
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	248	0.023	ng/ul#	1
5) Naphthalene	10.437	128	12487	0.172	ng/ul	97
7) 2-Methylnaphthalene	12.059	142	4469	0.093	ng/ul	97
8) 1-Methylnaphthalene	12.284	142	3620	0.072	ng/ul	99
10) Acenaphthylene	13.975	152	20399	0.303	ng/ul	97
11) Acenaphthene	14.322	153	15511	0.297	ng/ul	99
12) Fluorene	15.312	166	17453	0.280	ng/ul	99
19) Fluoranthene	19.231	202	13509	12.715	ng/ul#	91
20) Pyrene	19.575	202	303	0.273	ng/ul#	35
21) Benzo(a)anthracene	21.369	228	24516	24.346	ng/ul#	45
22) Chrysene	21.369	228	25087	22.698	ng/ul#	48
24) Benzo(b)fluoranthene	22.938	252	49906	4.669	ng/ul	76
26) Benzo(a)pyrene	23.573	252	826	0.111	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.928	276	9674	0.831	ng/ul#	36
28) Dibenzo(a,h)anthracene	25.931	278	36150	4.179	ng/ul#	82
29) Benzo(g,h,i)perylene	26.723	276	4698	0.507	ng/ul#	1

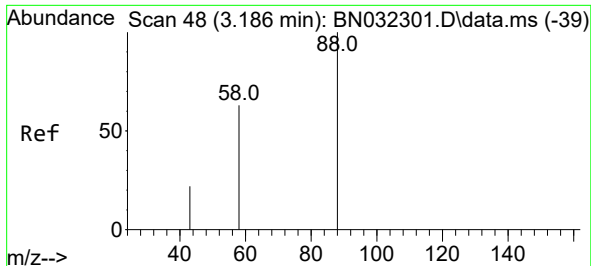
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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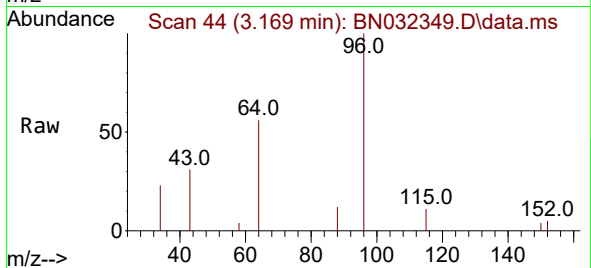
Quant Time: Jun 30 23:05:05 2024
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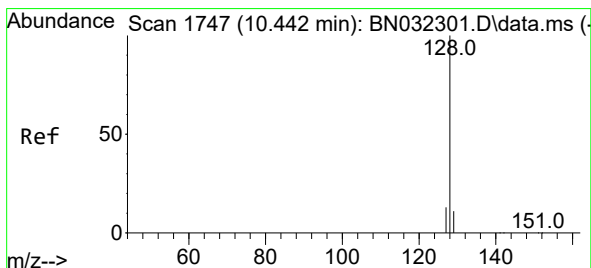
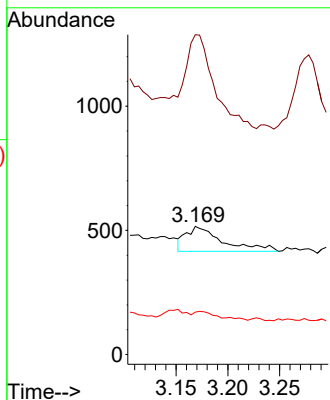
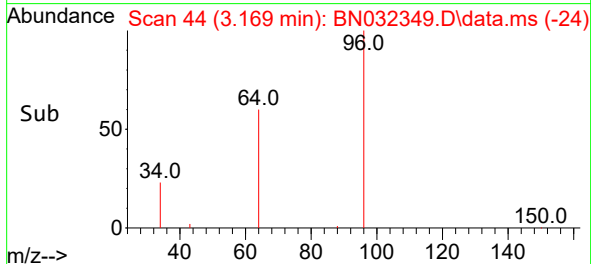


#2
1,4-Dioxane
Concen: 0.023 ng/ul
RT: 3.169 min Scan# 44
Delta R.T. -0.017 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

Instrument :
BNA_N
ClientSampleId :
A4CP5

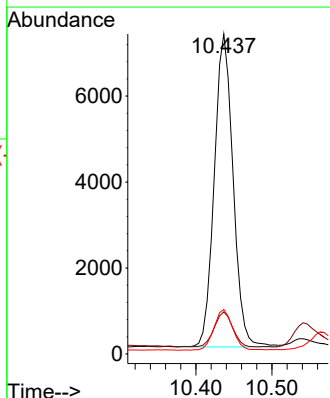
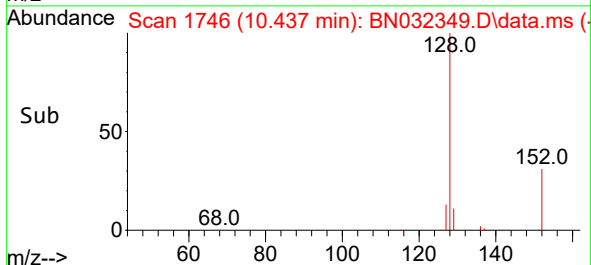
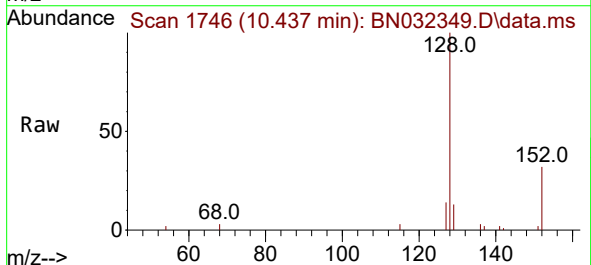


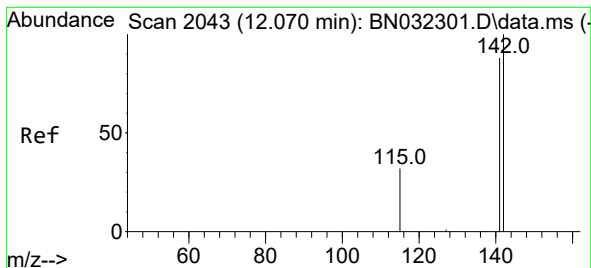
Tgt Ion: 88 Resp: 248
Ion Ratio Lower Upper
88 100
43 249.6 28.4 42.6#
58 33.1 43.3 64.9#



#5
Naphthalene
Concen: 0.172 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

Tgt Ion: 128 Resp: 12487
Ion Ratio Lower Upper
128 100
129 13.1 9.2 13.8
127 13.9 10.8 16.2

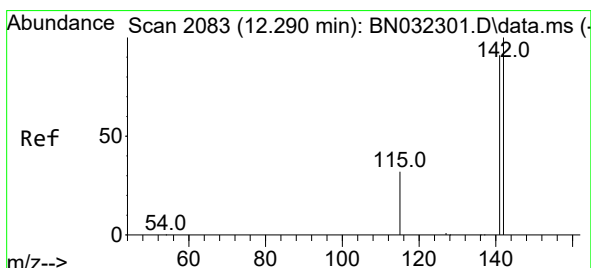
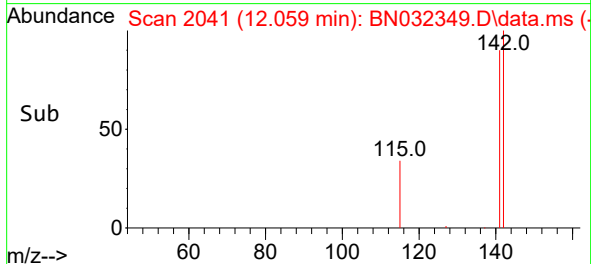
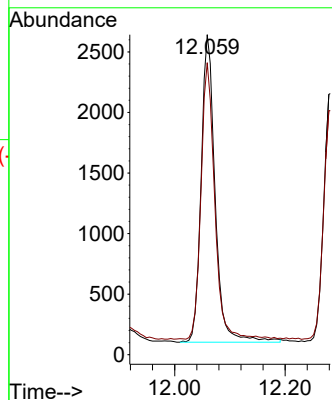
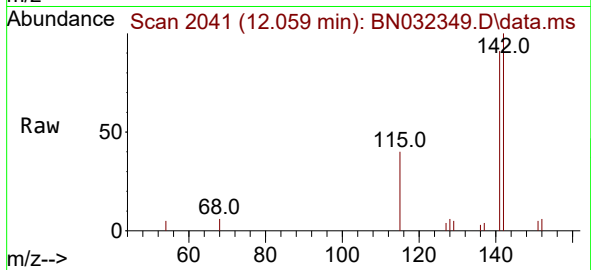




#7
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

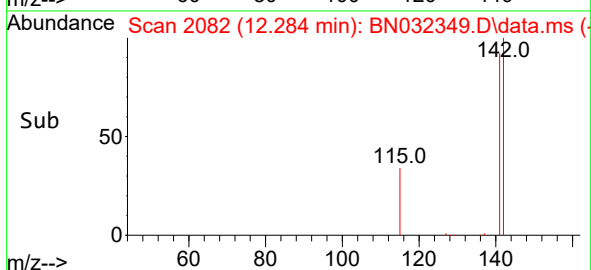
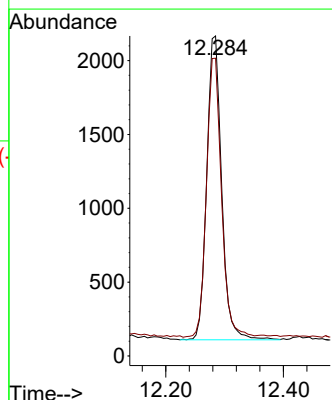
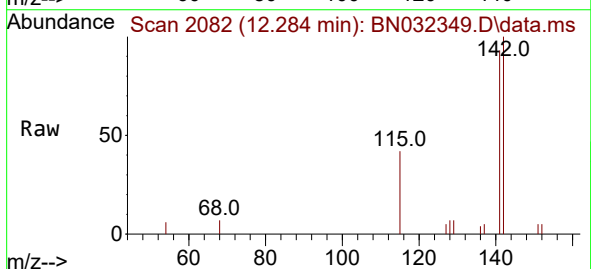
Instrument :
BNA_N
ClientSampleId :
A4CP5

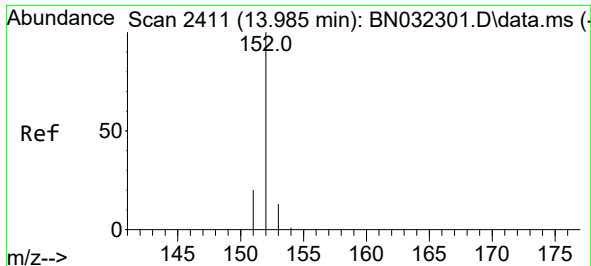
Tgt Ion:142 Resp: 4469
Ion Ratio Lower Upper
142 100
141 87.8 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

Tgt Ion:142 Resp: 3620
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.0

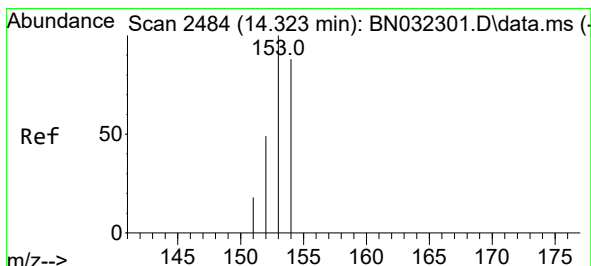
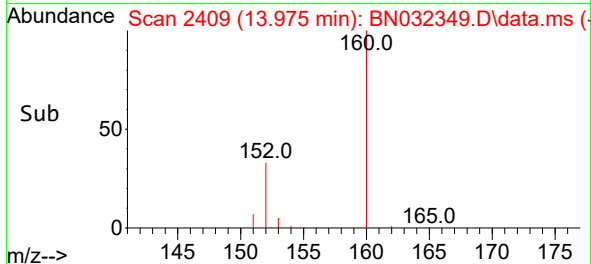
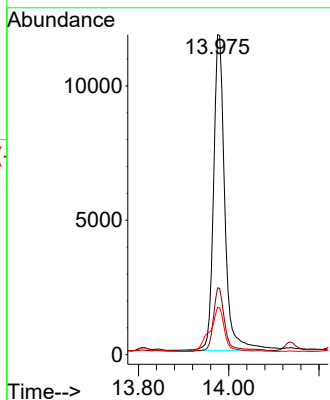
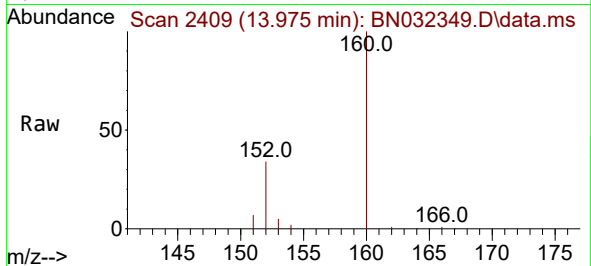




#10
Acenaphthylene
Concen: 0.303 ng/ul
RT: 13.975 min Scan# 2411
Delta R.T. -0.014 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

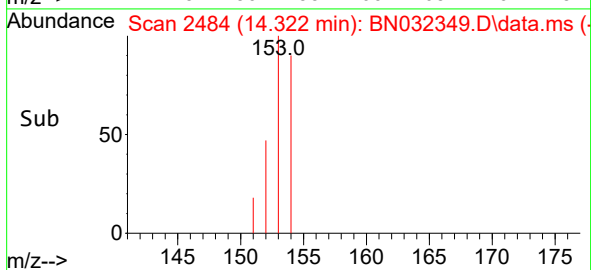
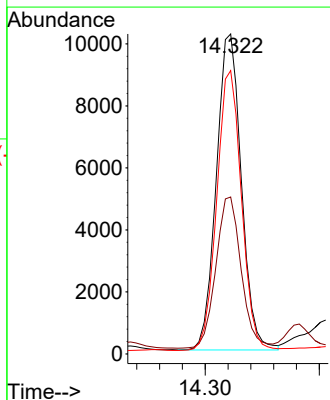
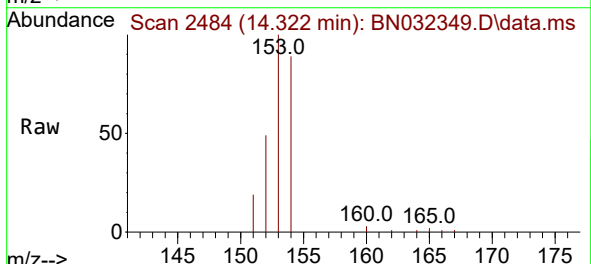
Instrument :
BNA_N
ClientSampleId :
A4CP5

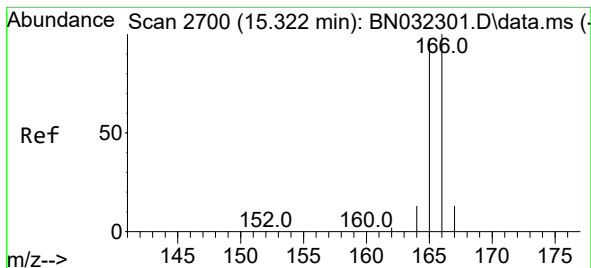
Tgt Ion:152 Resp: 20399
Ion Ratio Lower Upper
152 100
151 20.9 15.7 23.5
153 14.8 10.9 16.3



#11
Acenaphthene
Concen: 0.297 ng/ul
RT: 14.322 min Scan# 2484
Delta R.T. -0.010 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

Tgt Ion:153 Resp: 15511
Ion Ratio Lower Upper
153 100
152 49.1 39.5 59.3
154 88.5 71.7 107.5





#12

Fluorene

Concen: 0.280 ng/ul

RT: 15.312 min Scan# 2

Delta R.T. -0.014 min

Lab File: BN032349.D

Acq: 29 Jun 2024 13:29

Instrument :

BNA_N

ClientSampleId :

A4CP5

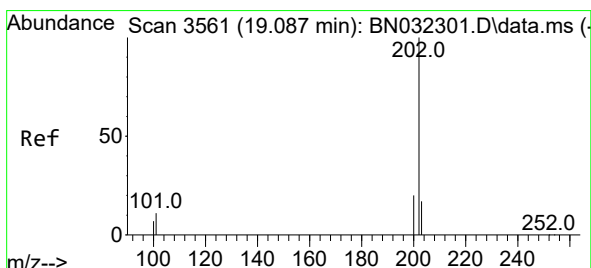
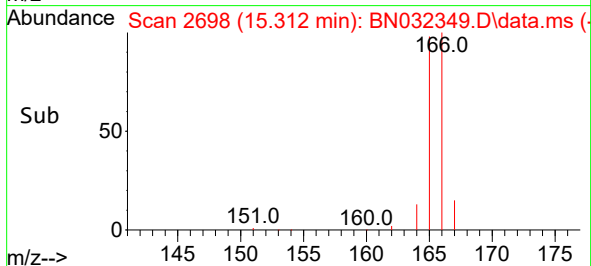
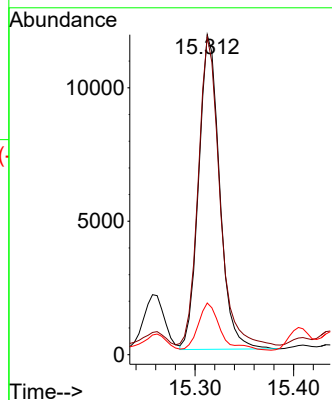
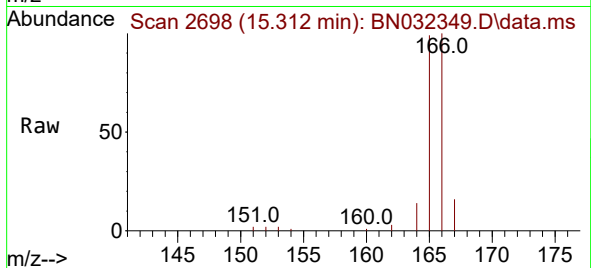
Tgt Ion:166 Resp: 17453

Ion Ratio Lower Upper

166 100

165 99.3 79.0 118.6

167 16.1 11.0 16.6



#19

Fluoranthene

Concen: 12.715 ng/ul

RT: 19.231 min Scan# 3592

Delta R.T. 0.139 min

Lab File: BN032349.D

Acq: 29 Jun 2024 13:29

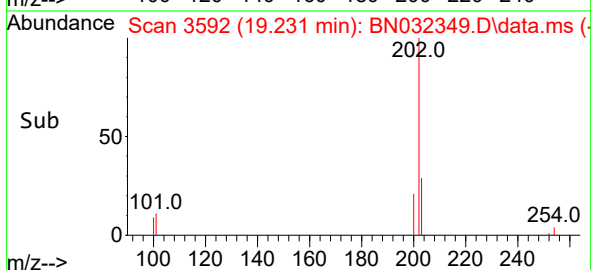
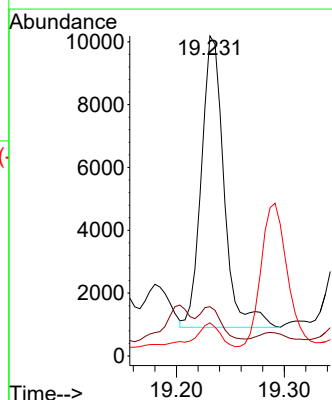
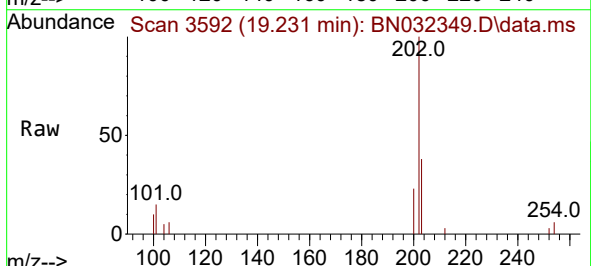
Tgt Ion:202 Resp: 13509

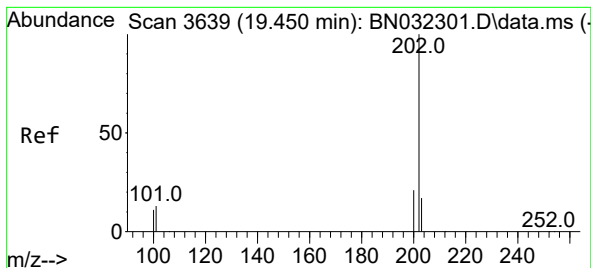
Ion Ratio Lower Upper

202 100

101 15.4 8.8 13.2#

100 10.4 6.4 9.6#





#20

Pyrene

Concen: 0.273 ng/ul

RT: 19.575 min Scan# 30

Delta R.T. 0.121 min

Lab File: BN032349.D

Acq: 29 Jun 2024 13:29

Instrument :

BNA_N

ClientSampleId :

A4CP5

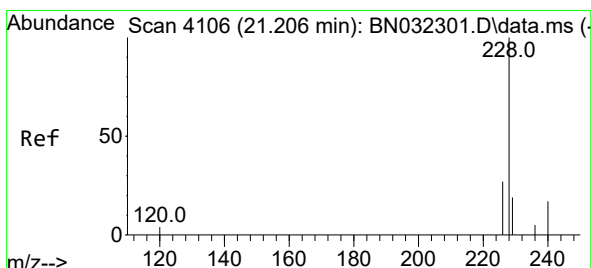
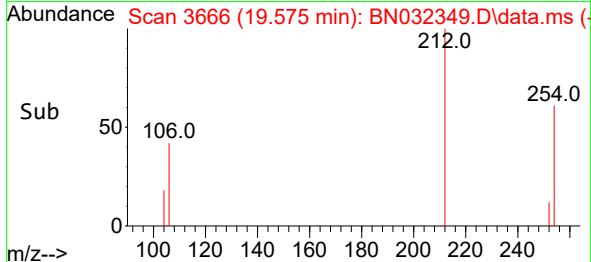
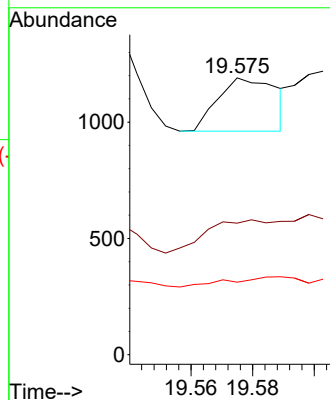
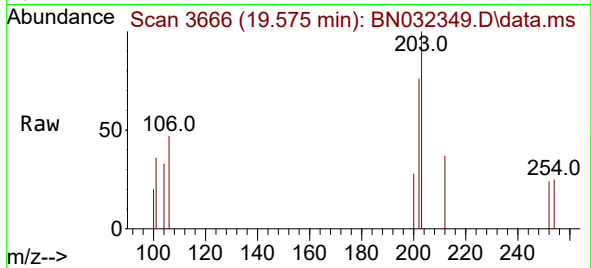
Tgt Ion:202 Resp: 303

Ion Ratio Lower Upper

202 100

101 47.6 11.0 16.4#

100 26.2 8.7 13.1#



#21

Benzo(a)anthracene

Concen: 24.346 ng/ul

RT: 21.369 min Scan# 4162

Delta R.T. 0.155 min

Lab File: BN032349.D

Acq: 29 Jun 2024 13:29

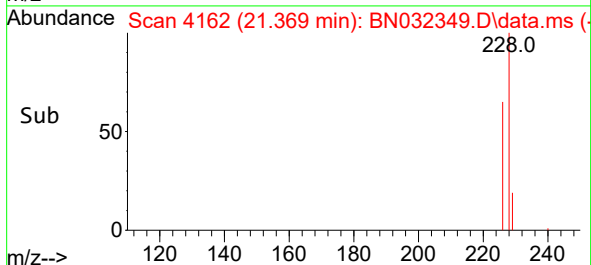
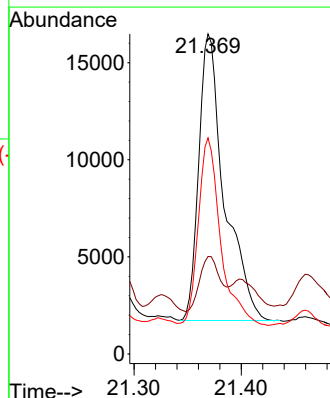
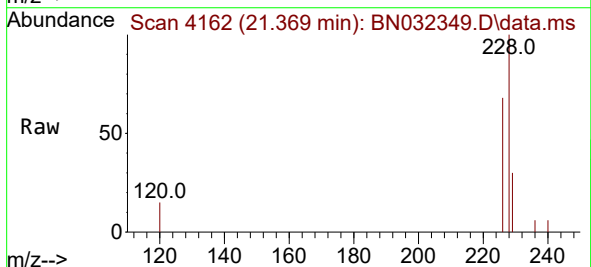
Tgt Ion:228 Resp: 24516

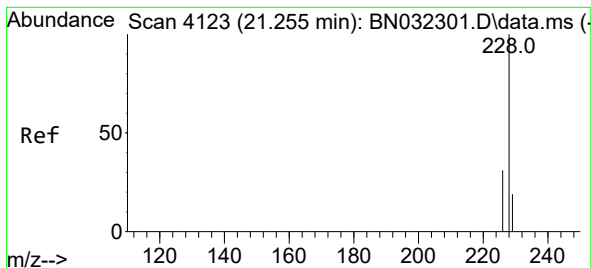
Ion Ratio Lower Upper

228 100

229 30.5 15.7 23.5#

226 67.5 21.8 32.8#





#22

Chrysene

Concen: 22.698 ng/ul

RT: 21.369 min Scan# 4162

Delta R.T. 0.102 min

Lab File: BN032349.D

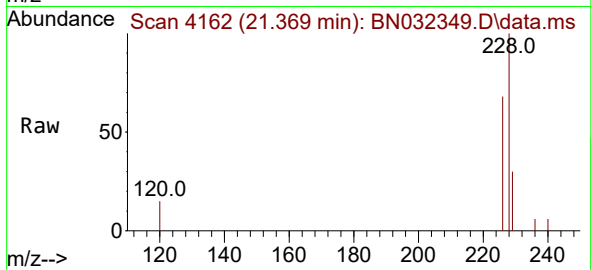
Acq: 29 Jun 2024 13:29

Instrument :

BNA_N

ClientSampleId :

A4CP5



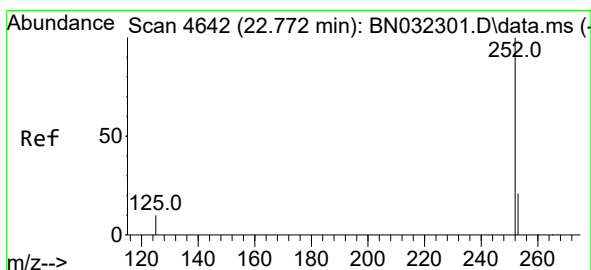
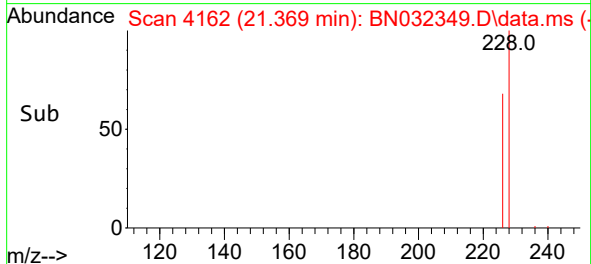
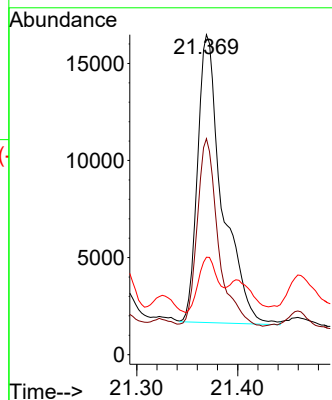
Tgt Ion:228 Resp: 25087

Ion Ratio Lower Upper

228 100

226 67.5 23.6 35.4#

229 30.5 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 4.669 ng/ul

RT: 22.938 min Scan# 4699

Delta R.T. 0.155 min

Lab File: BN032349.D

Acq: 29 Jun 2024 13:29

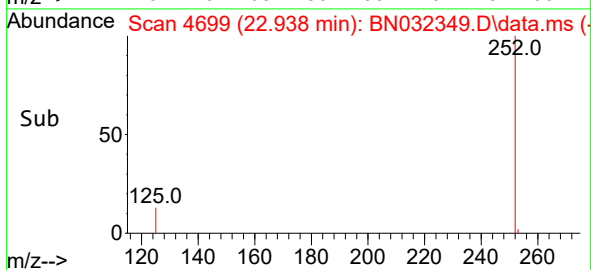
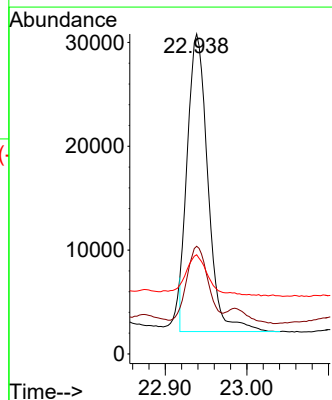
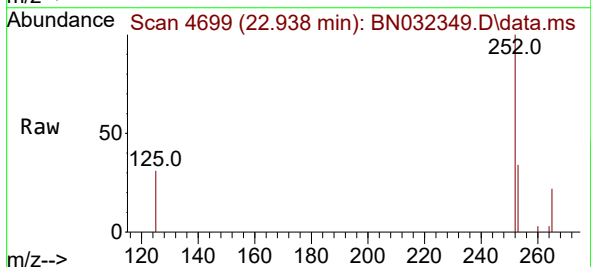
Tgt Ion:252 Resp: 49906

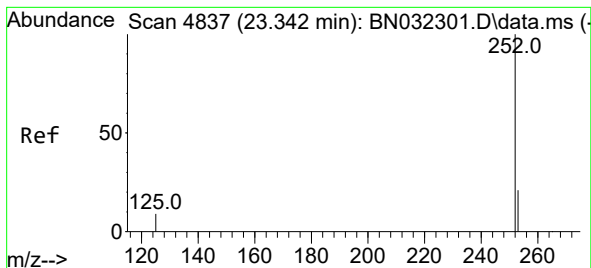
Ion Ratio Lower Upper

252 100

253 33.6 0.0 50.2

125 31.0 0.0 32.0





#26

Benzo(a)pyrene

Concen: 0.111 ng/ul

RT: 23.573 min Scan# 4916

Delta R.T. 0.213 min

Lab File: BN032349.D

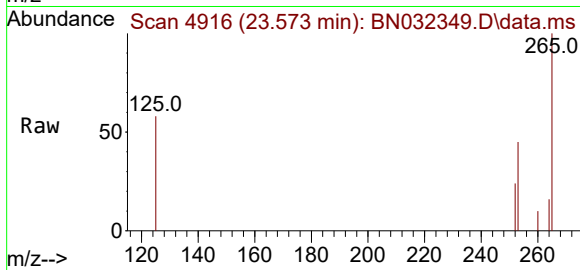
Acq: 29 Jun 2024 13:29

Instrument :

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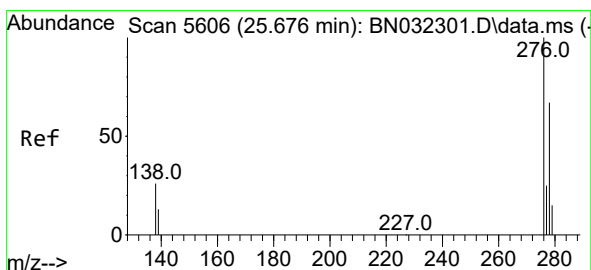
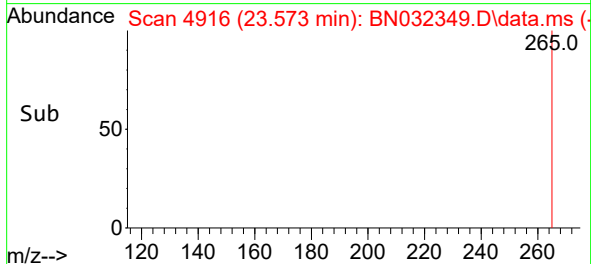
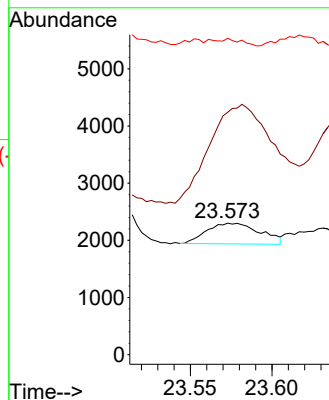
Tgt Ion:252 Resp: 826

Ion Ratio Lower Upper

252 100

253 184.3 22.2 33.2#

125 240.6 16.4 24.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.831 ng/ul

RT: 25.928 min Scan# 5681

Delta R.T. 0.228 min

Lab File: BN032349.D

Acq: 29 Jun 2024 13:29

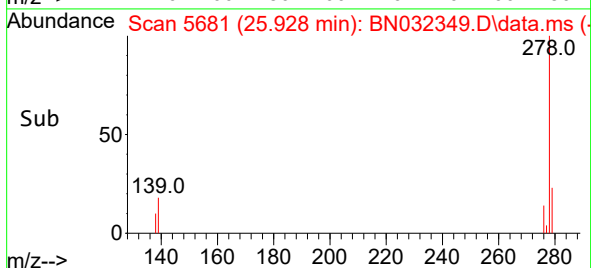
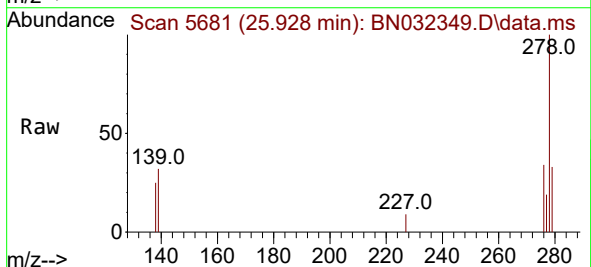
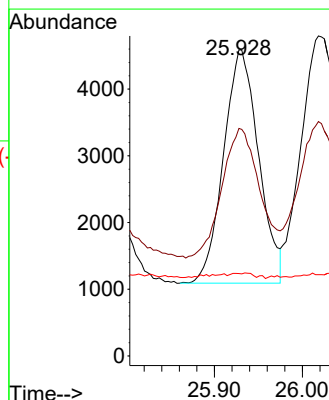
Tgt Ion:276 Resp: 9674

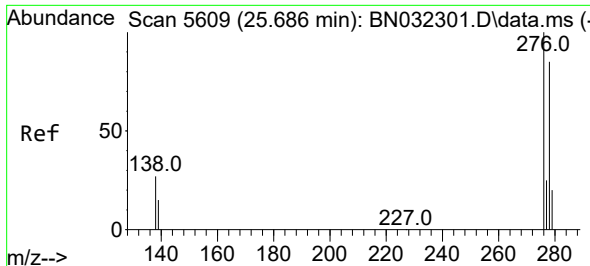
Ion Ratio Lower Upper

276 100

138 59.6 21.3 31.9#

227 1.6 0.1 0.1#

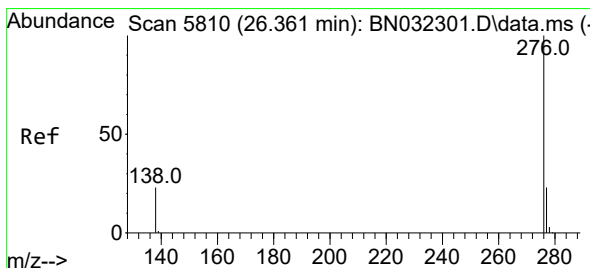
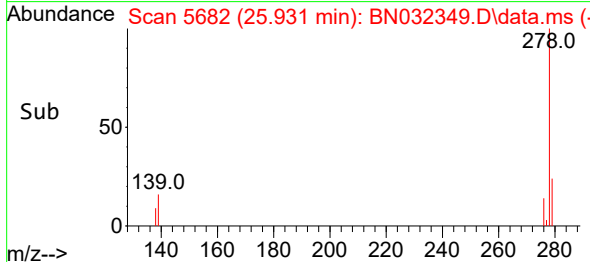
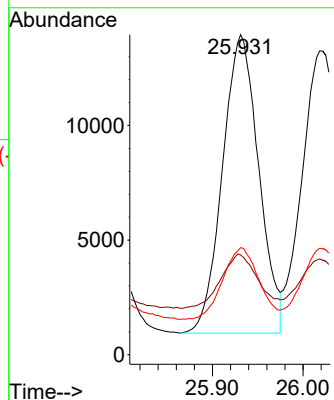
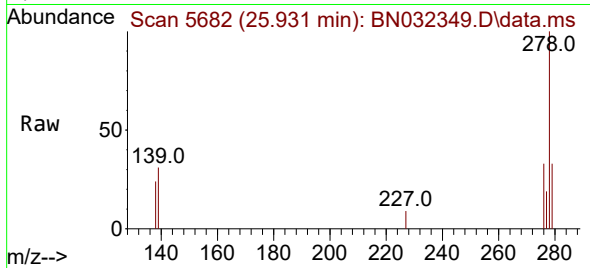




#28
Dibenzo(a,h)anthracene
Concen: 4.179 ng/ul
RT: 25.931 min Scan# 5018
Delta R.T. 0.221 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

Instrument :
BNA_N
ClientSampleId :
A4CP5

Tgt Ion:278 Resp: 36150
Ion Ratio Lower Upper
278 100
139 31.2 15.9 23.9#
279 33.4 21.1 31.7#



#29
Benzo(g,h,i)perylene
Concen: 0.507 ng/ul
RT: 26.723 min Scan# 5918
Delta R.T. 0.342 min
Lab File: BN032349.D
Acq: 29 Jun 2024 13:29

Tgt Ion:276 Resp: 4698
Ion Ratio Lower Upper
276 100
138 77.7 19.8 29.6#
277 72.7 19.8 29.6#

