

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032347.D
 Acq On : 29 Jun 2024 12:17
 Operator : MA/JU
 Sample : P2934-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ2

Quant Time: Jun 30 23:04:45 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)

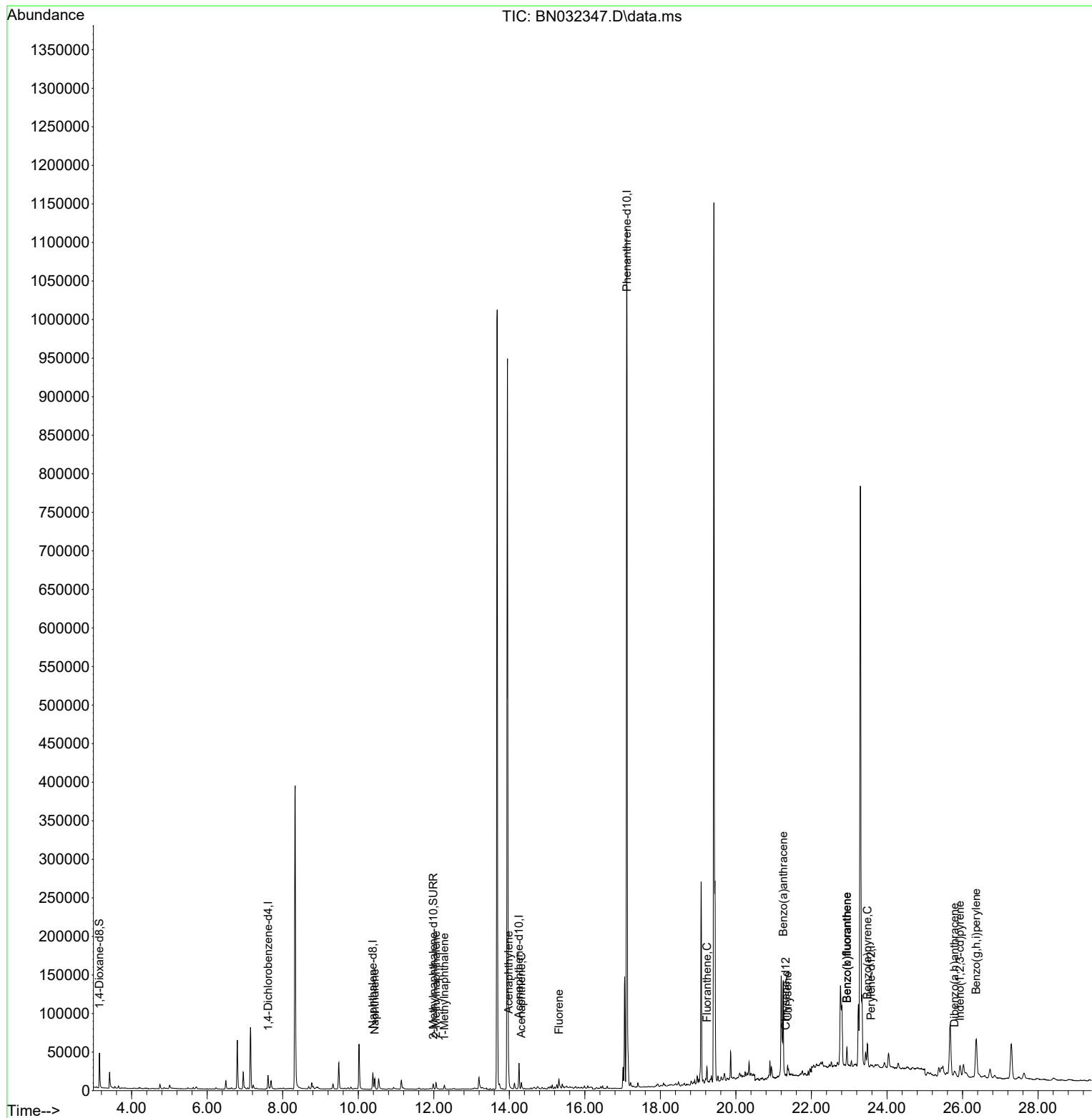
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	9339	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	29885	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	18210	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.113	188	1294754	0.400	ng/ul	0.09
17) Chrysene-d12	21.319	240	44	0.400	ng/ul	# 0.09
23) Perylene-d12	23.576	264	320	0.400	ng/ul	# 0.12
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	31349	3.020	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.987	152	9746	0.217	ng/ul	-0.01
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						Qvalue
5) Naphthalene	10.437	128	19017	0.240	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	6697	0.128	ng/ul	100
8) 1-Methylnaphthalene	12.279	142	3924	0.072	ng/ul	98
10) Acenaphthylene	13.980	152	32182	0.425	ng/ul	99
11) Acenaphthene	14.318	153	5281	0.090	ng/ul	96
12) Fluorene	15.317	166	9149	0.131	ng/ul#	95
19) Fluoranthene	19.231	202	17274	103.098	ng/ul#	82
21) Benzo(a)anthracene	21.252	228	123360	776.784	ng/ul#	88
22) Chrysene	21.369	228	16177	92.809	ng/ul#	12
24) Benzo(b)fluoranthene	22.938	252	31977	23.001	ng/ul#	39
25) Benzo(k)fluoranthene	22.938	252	33925	25.115	ng/ul#	40
26) Benzo(a)pyrene	23.482	252	37873	39.153	ng/ul#	50
27) Indeno(1,2,3-cd)pyrene	25.931	276	6156	4.064	ng/ul#	15
28) Dibenzo(a,h)anthracene	25.784	278	9146	8.127	ng/ul#	1
29) Benzo(g,h,i)perylene	26.364	276	102957	85.340	ng/ul#	91

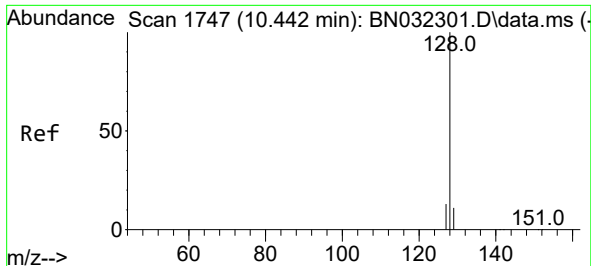
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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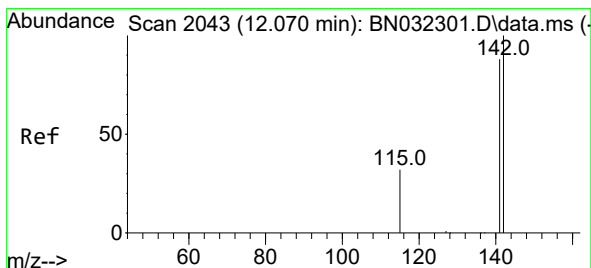
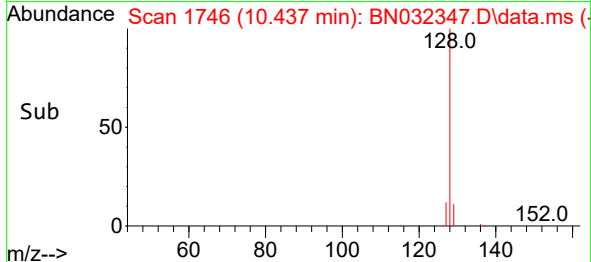
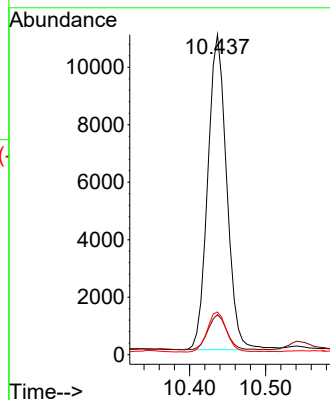
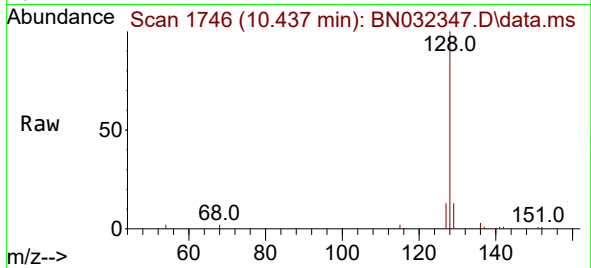




#5
Naphthalene
Concen: 0.240 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

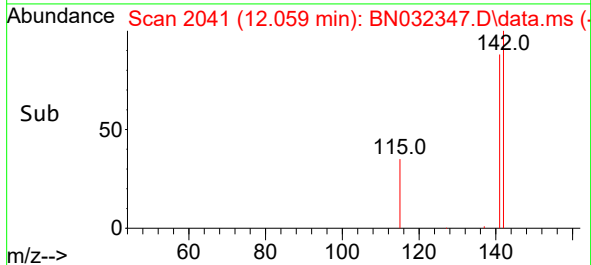
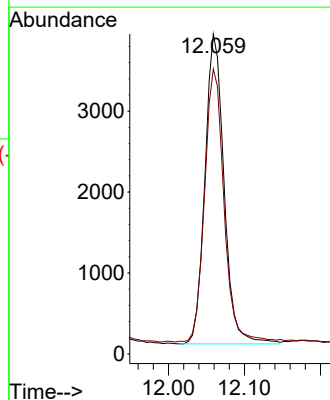
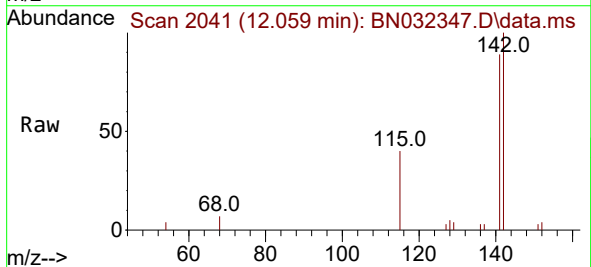
Instrument :
BNA_N
ClientSampleId :
A4CQ2

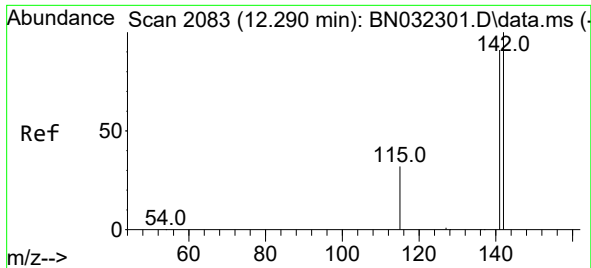
Tgt Ion:128 Resp: 19017
Ion Ratio Lower Upper
128 100
129 12.5 9.2 13.8
127 13.4 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.128 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

Tgt Ion:142 Resp: 6697
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.2

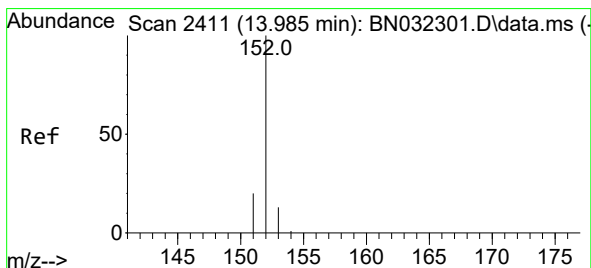
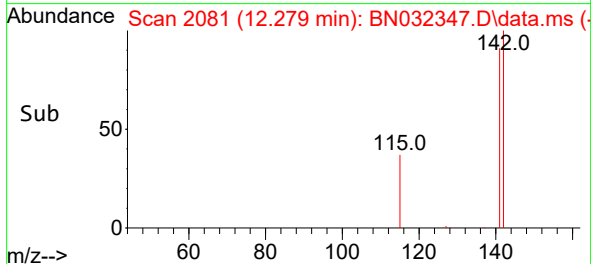
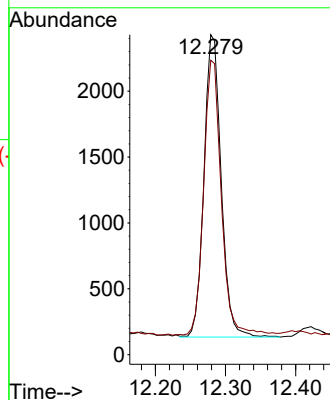
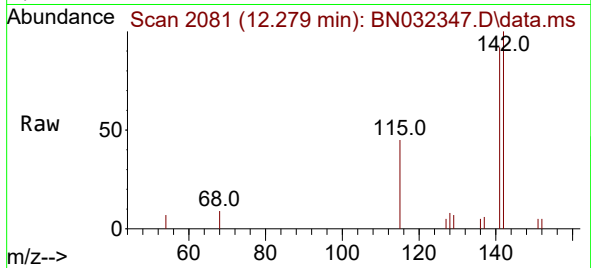




#8
1-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.017 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

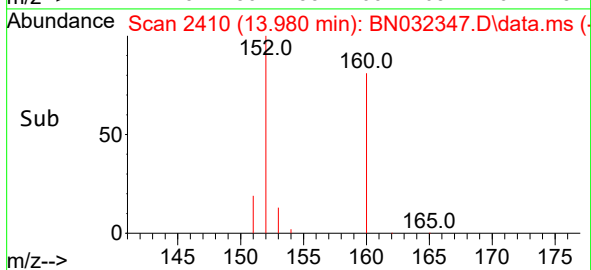
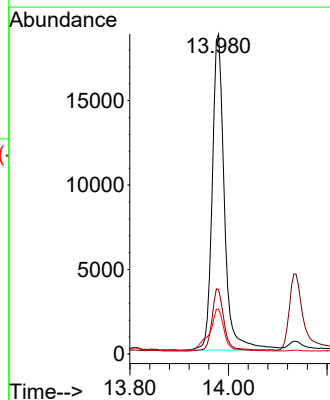
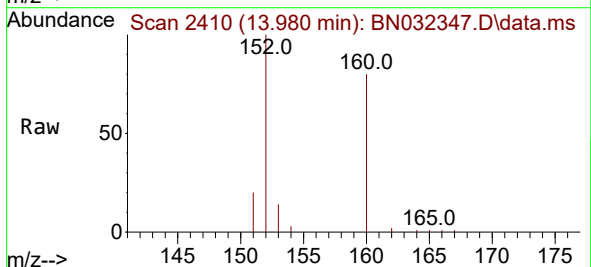
Instrument :
BNA_N
ClientSampleId :
A4CQ2

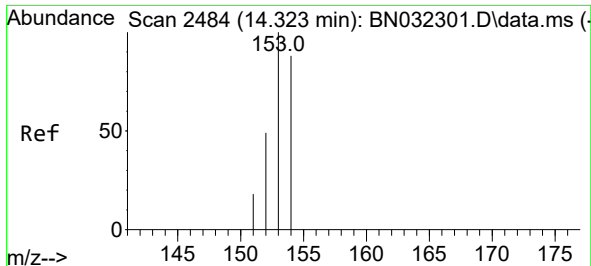
Tgt Ion:142 Resp: 3924
Ion Ratio Lower Upper
142 100
141 93.1 73.4 110.0



#10
Acenaphthylene
Concen: 0.425 ng/ul
RT: 13.980 min Scan# 2410
Delta R.T. -0.010 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

Tgt Ion:152 Resp: 32182
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 14.1 10.9 16.3

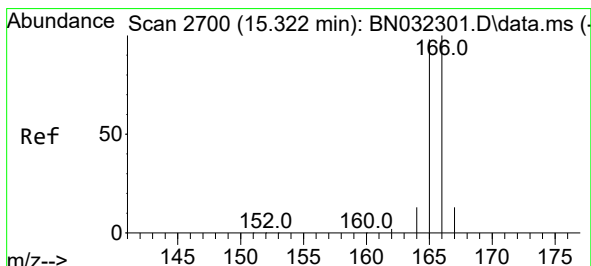
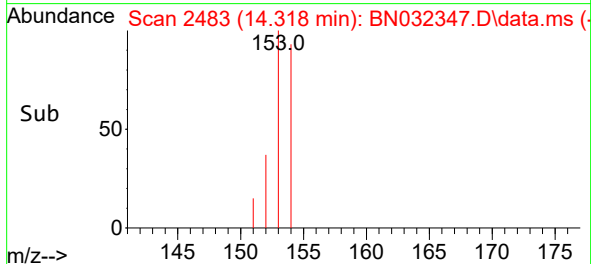
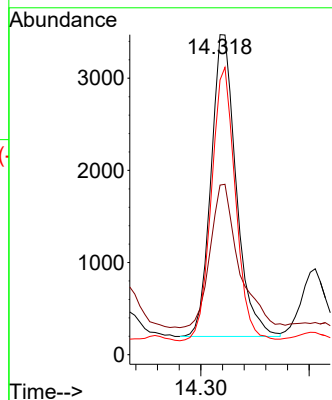
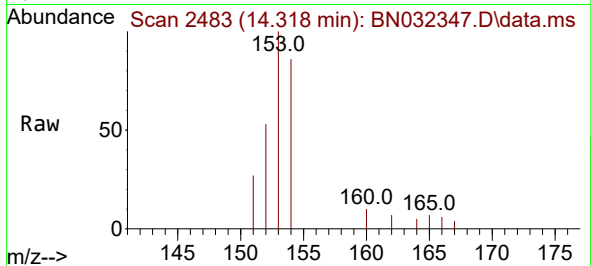




#11
Acenaphthene
Concen: 0.090 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

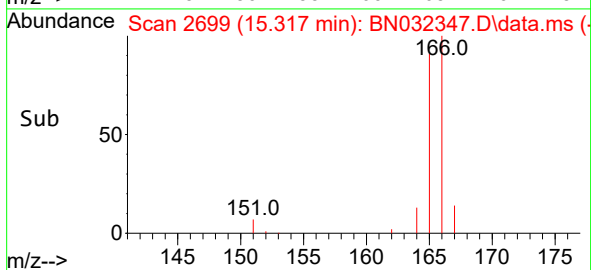
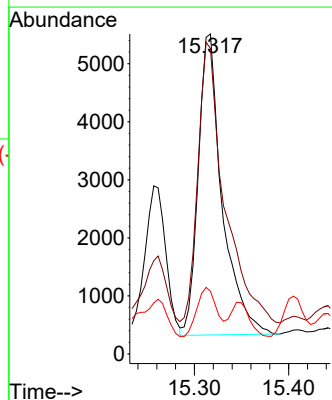
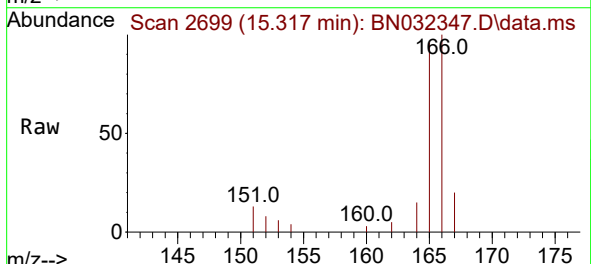
Instrument :
BNA_N
ClientSampleId :
A4CQ2

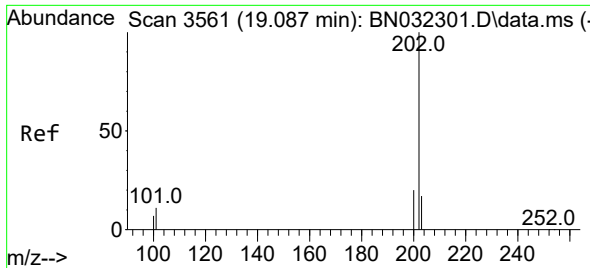
Tgt Ion:153 Resp: 5281
Ion Ratio Lower Upper
153 100
152 53.0 39.5 59.3
154 85.8 71.7 107.5



#12
Fluorene
Concen: 0.131 ng/ul
RT: 15.317 min Scan# 2699
Delta R.T. -0.010 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

Tgt Ion:166 Resp: 9149
Ion Ratio Lower Upper
166 100
165 95.5 79.0 118.6
167 19.6 11.0 16.6#

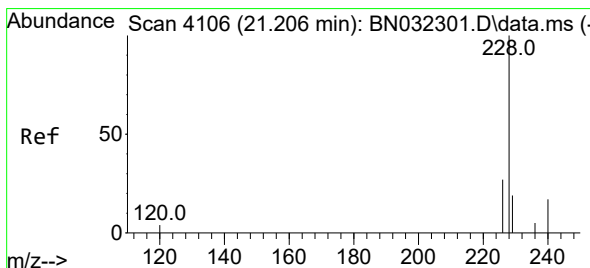
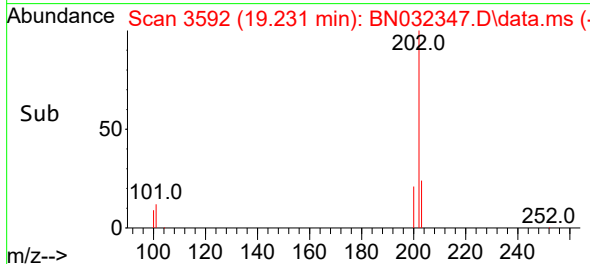
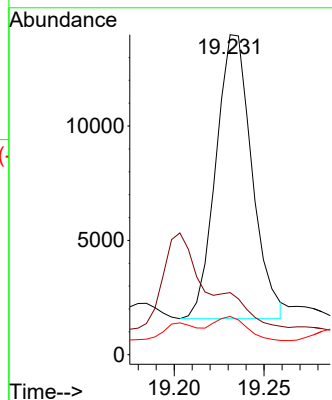
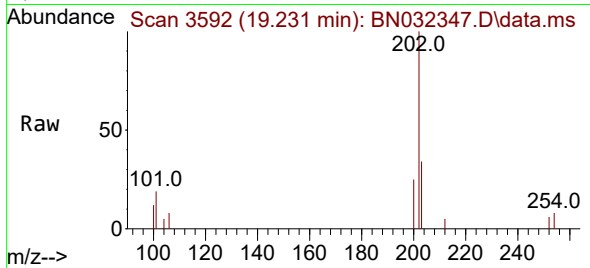




#19
Fluoranthene
Concen: 103.098 ng/ul
RT: 19.231 min Scan# 3592
Delta R.T. 0.139 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

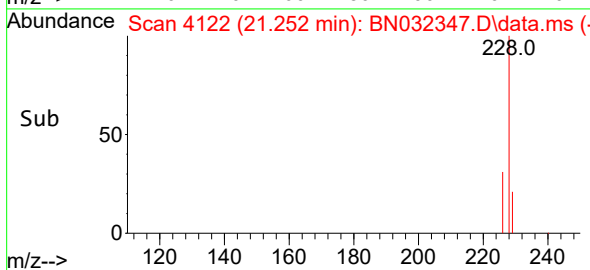
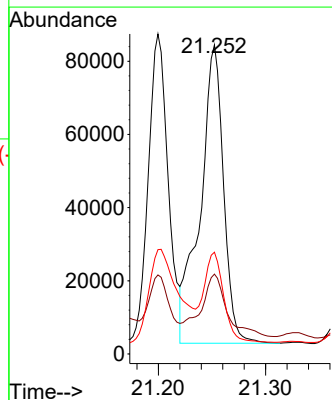
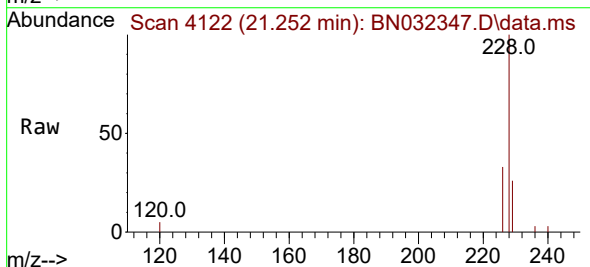
Instrument :
BNA_N
ClientSampleId :
A4CQ2

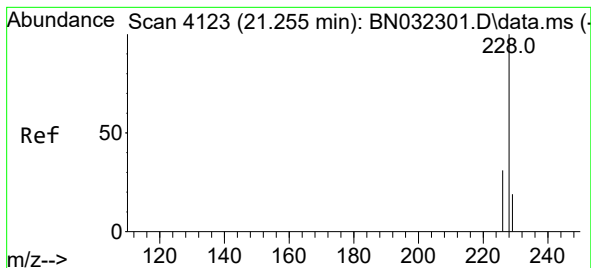
Tgt Ion:202 Resp: 17274
Ion Ratio Lower Upper
202 100
101 19.4 8.8 13.2#
100 12.0 6.4 9.6#



#21
Benzo(a)anthracene
Concen: 776.784 ng/ul
RT: 21.252 min Scan# 4122
Delta R.T. 0.038 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

Tgt Ion:228 Resp: 123360
Ion Ratio Lower Upper
228 100
229 25.8 15.7 23.5#
226 32.9 21.8 32.8#





#22

Chrysene

Concen: 92.809 ng/ul

RT: 21.369 min Scan# 41

Delta R.T. 0.102 min

Lab File: BN032347.D

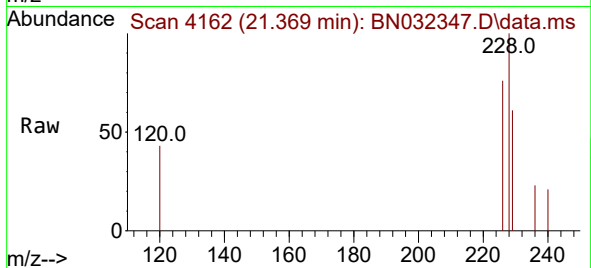
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Instrument :

BNA_N

ClientSampleId :

A4CQ2



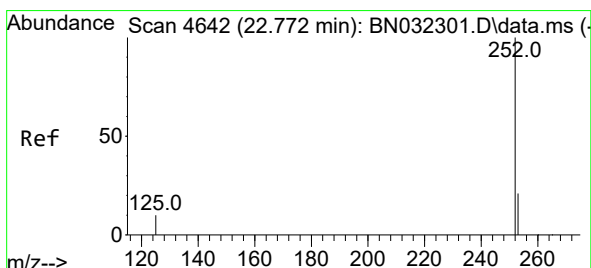
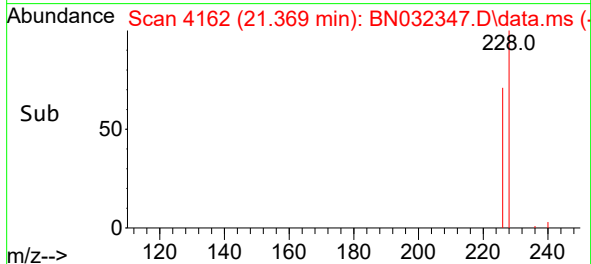
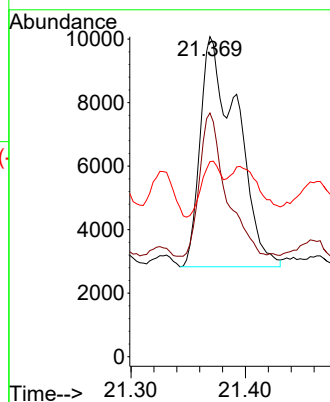
Tgt Ion:228 Resp: 16177

Ion Ratio Lower Upper

228 100

226 76.1 23.6 35.4#

229 61.0 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 23.001 ng/ul

RT: 22.938 min Scan# 4699

Delta R.T. 0.155 min

Lab File: BN032347.D

Acq: 29 Jun 2024 12:17

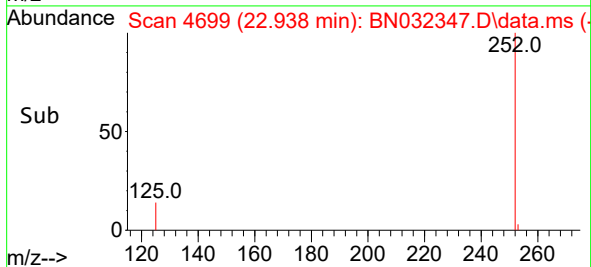
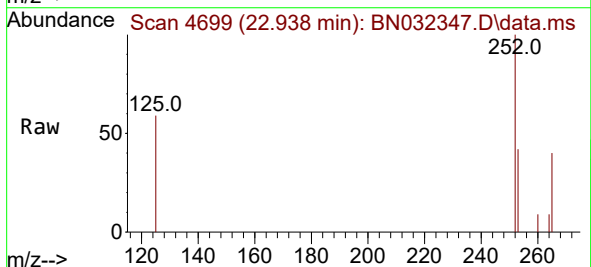
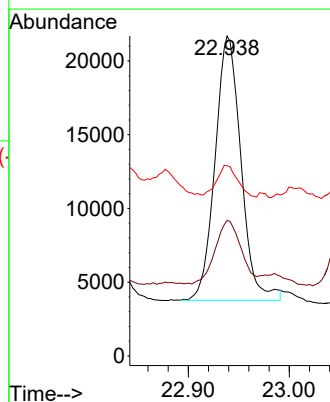
Tgt Ion:252 Resp: 31977

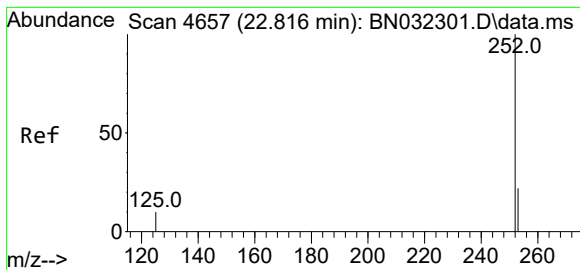
Ion Ratio Lower Upper

252 100

253 42.3 0.0 50.2

125 59.4 0.0 32.0#





#25

Benzo(k)fluoranthene

Concen: 25.115 ng/ul

RT: 22.938 min Scan# 4699

Delta R.T. 0.111 min

Lab File: BN032347.D

Acq: 29 Jun 2024 12:17

Instrument :

BNA_N

ClientSampleId :

A4CQ2

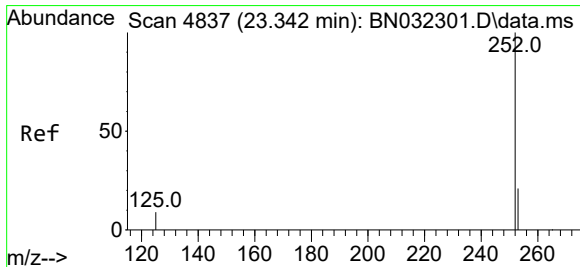
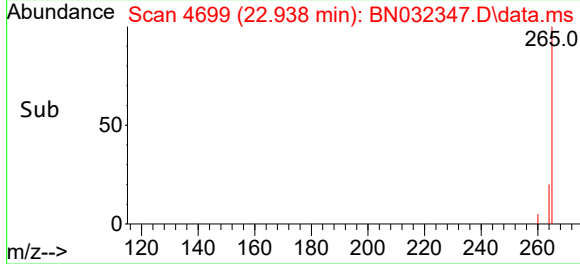
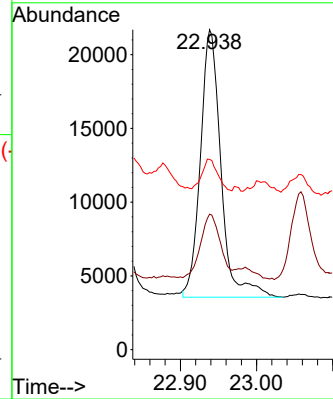
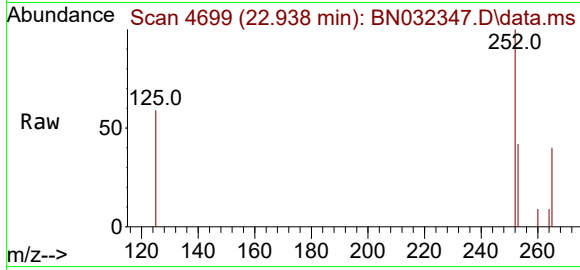
Tgt Ion:252 Resp: 33925

Ion Ratio Lower Upper

252 100

253 42.3 20.3 30.5#

125 59.4 12.8 19.2#



#26

Benzo(a)pyrene

Concen: 39.153 ng/ul

RT: 23.482 min Scan# 4885

Delta R.T. 0.123 min

Lab File: BN032347.D

Acq: 29 Jun 2024 12:17

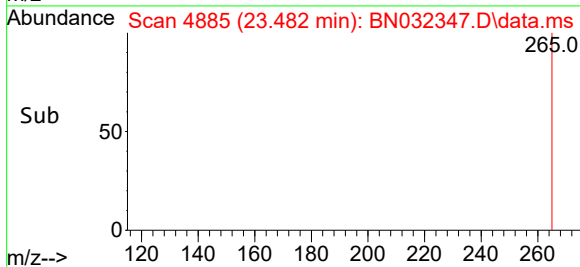
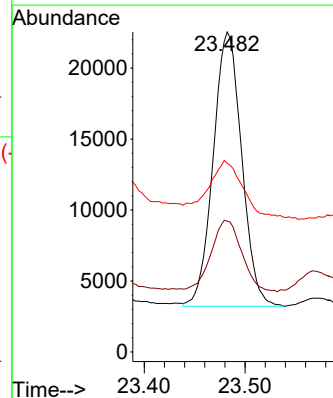
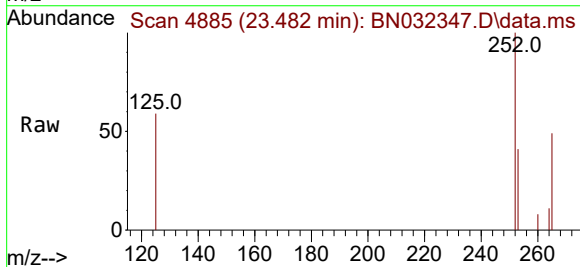
Tgt Ion:252 Resp: 37873

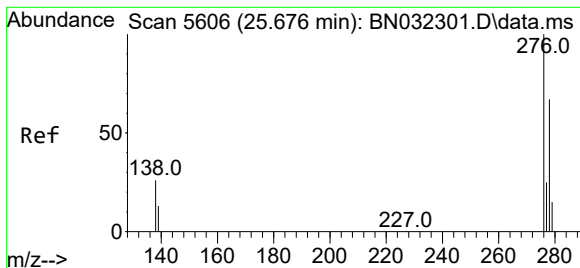
Ion Ratio Lower Upper

252 100

253 40.9 22.2 33.2#

125 59.0 16.4 24.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 4.064 ng/ul

RT: 25.931 min Scan# 5682

Delta R.T. 0.231 min

Lab File: BN032347.D

Acq: 29 Jun 2024 12:17

Instrument :

BNA_N

ClientSampleId :

A4CQ2

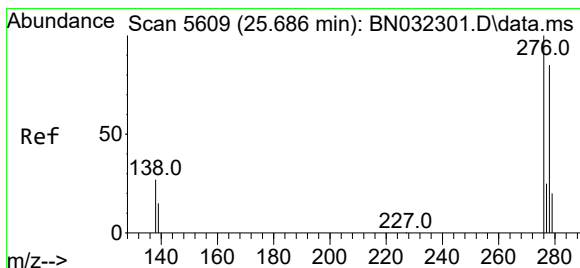
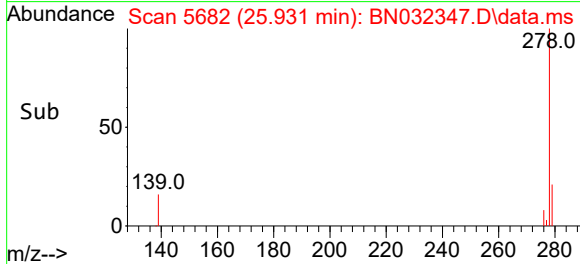
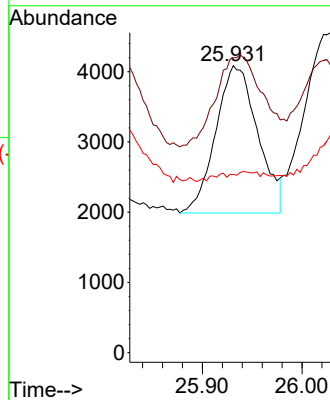
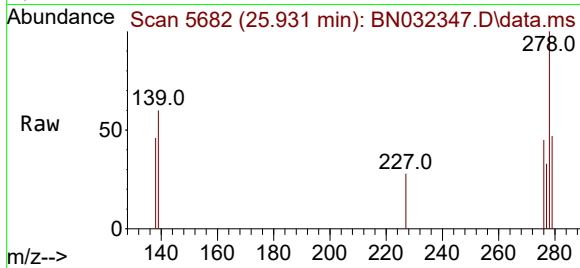
Tgt Ion:276 Resp: 6156

Ion Ratio Lower Upper

276 100

138 70.7 21.3 31.9#

227 1.6 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 8.127 ng/ul

RT: 25.784 min Scan# 5638

Delta R.T. 0.074 min

Lab File: BN032347.D

Acq: 29 Jun 2024 12:17

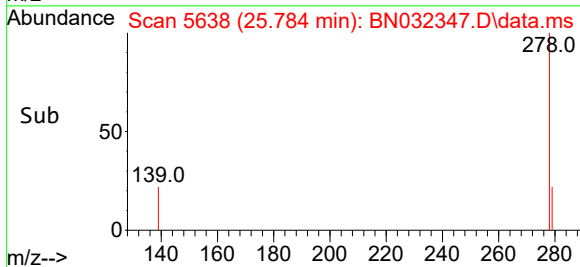
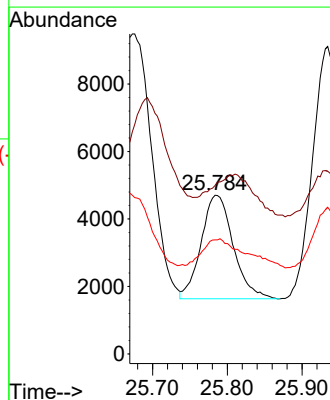
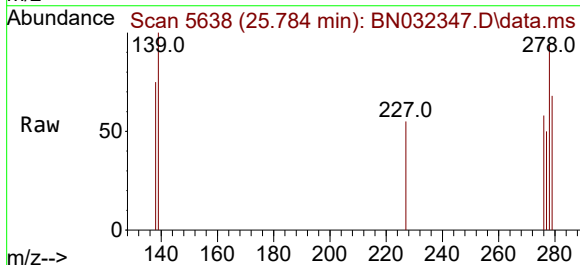
Tgt Ion:278 Resp: 9146

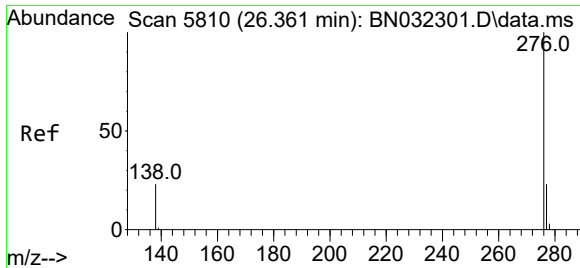
Ion Ratio Lower Upper

278 100

139 106.1 15.9 23.9#

279 71.9 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 85.340 ng/ul
 RT: 26.364 min Scan# 51
 Delta R.T. -0.017 min
 Lab File: BN032347.D
 Acq: 29 Jun 2024 12:17

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ2

Tgt Ion:276 Resp: 102957
 Ion Ratio Lower Upper
 276 100
 138 29.8 19.8 29.6#
 277 28.5 19.8 29.6

