

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032353.D
 Acq On : 29 Jun 2024 15:53
 Operator : MA/JU
 Sample : PB161631BS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS631

Quant Time: Jun 30 23:05:45 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)

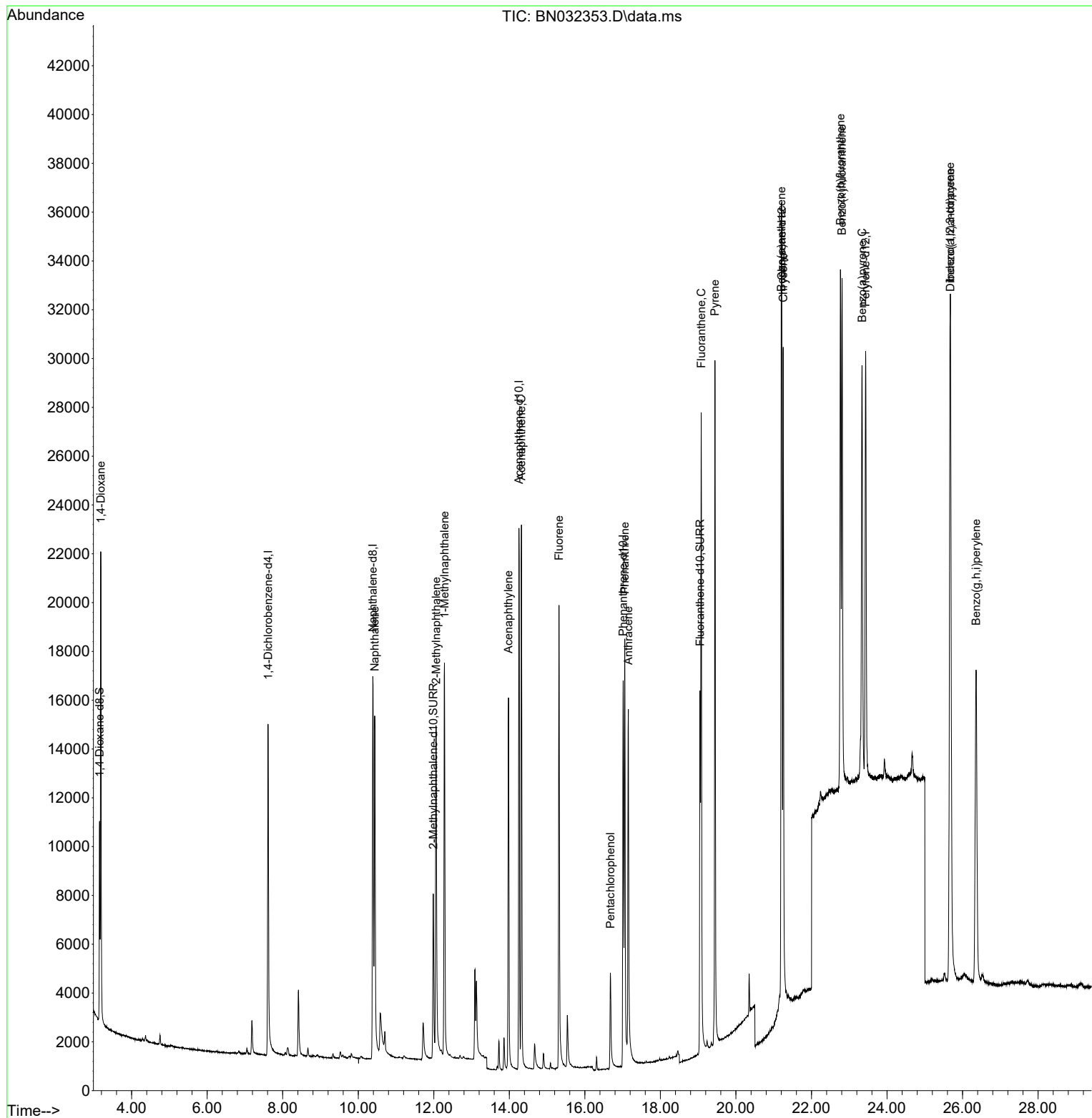
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	8133	0.400	ng/ul	0.00
4) Naphthalene-d8	10.386	136	24832	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.257	164	13074	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.015	188	22975	0.400	ng/ul	0.00
17) Chrysene-d12	21.216	240	20492	0.400	ng/ul	#-0.01
23) Perylene-d12	23.434	264	24783	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	5489	0.607	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.986	152	10936	0.294	ng/ul	-0.01
18) Fluoranthene-d10	19.049	212	19005	0.308	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.186	88	13897	1.350	ng/ul	91
5) Naphthalene	10.436	128	20776	0.316	ng/ul	99
7) 2-Methylnaphthalene	12.063	142	12626	0.290	ng/ul	100
8) 1-Methylnaphthalene	12.283	142	12505	0.277	ng/ul	99
10) Acenaphthylene	13.979	152	19283	0.355	ng/ul	99
11) Acenaphthene	14.321	153	13548	0.321	ng/ul	99
12) Fluorene	15.316	166	14207	0.283	ng/ul	99
14) Pentachlorophenol	16.677	266	3858	0.742	ng/ul	100
15) Phenanthrene	17.057	178	20436	0.324	ng/ul	99
16) Anthracene	17.150	178	19522	0.347	ng/ul	99
19) Fluoranthene	19.081	202	24707	0.317	ng/ul	97
20) Pyrene	19.444	202	25889	0.317	ng/ul	98
21) Benzo(a)anthracene	21.202	228	26047	0.352	ng/ul	97
22) Chrysene	21.254	228	26620	0.328	ng/ul	95
24) Benzo(b)fluoranthene	22.768	252	27514	0.256	ng/ul	85
25) Benzo(k)fluoranthene	22.809	252	28892	0.276	ng/ul#	85
26) Benzo(a)pyrene	23.341	252	27088	0.362	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.668	276	34918	0.298	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.682	278	27822	0.319	ng/ul#	88
29) Benzo(g,h,i)perylene	26.359	276	28771	0.308	ng/ul	92

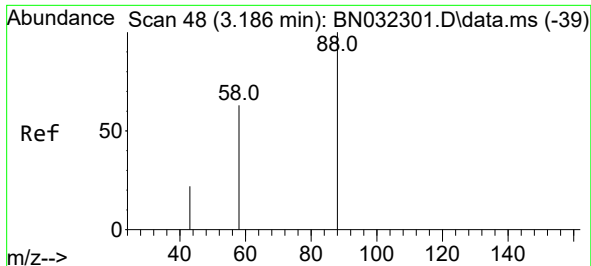
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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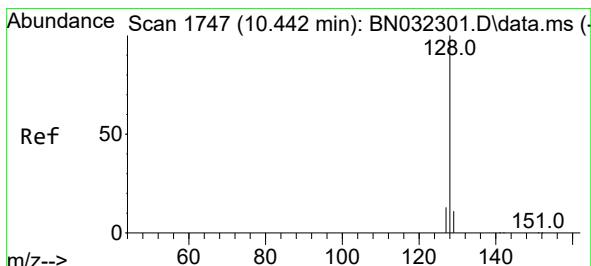
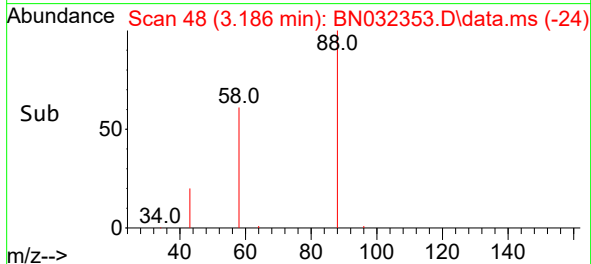
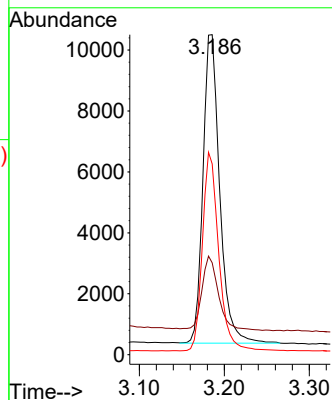
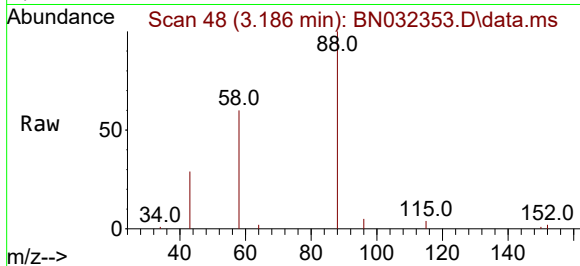




#2
1,4-Dioxane
Concen: 1.350 ng/ul
RT: 3.186 min Scan# 48
Delta R.T. 0.000 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

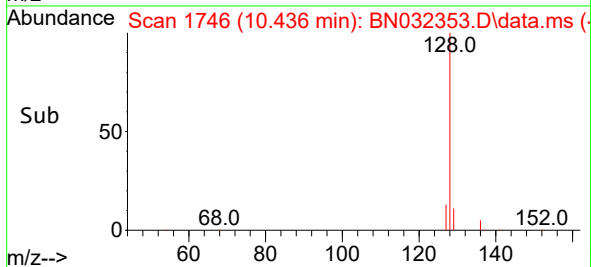
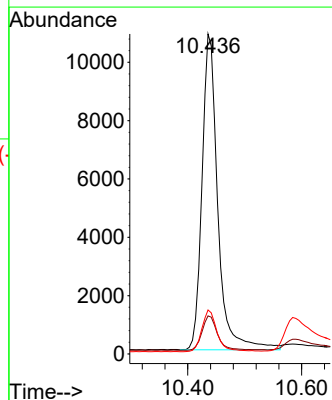
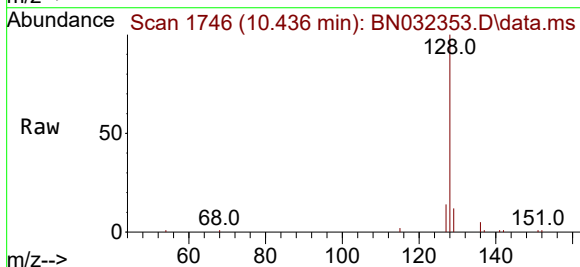
Instrument :
BNA_N
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SLCS631

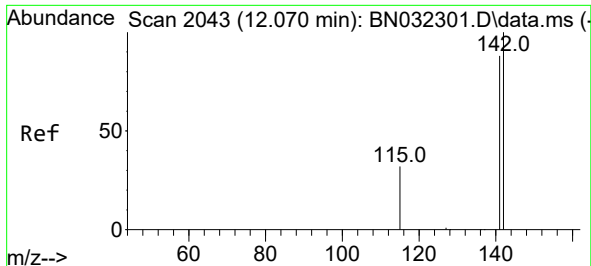
Tgt Ion: 88 Resp: 13897
Ion Ratio Lower Upper
88 100
43 28.7 28.4 42.6
58 59.6 43.3 64.9



#5
Naphthalene
Concen: 0.316 ng/ul
RT: 10.436 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

Tgt Ion:128 Resp: 20776
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.7 10.8 16.2

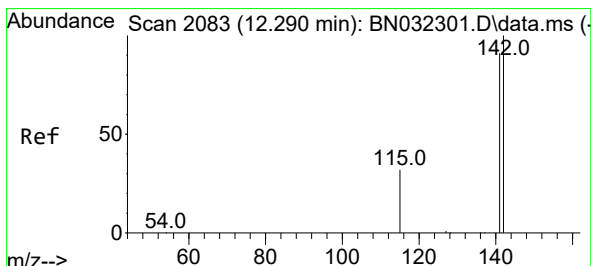
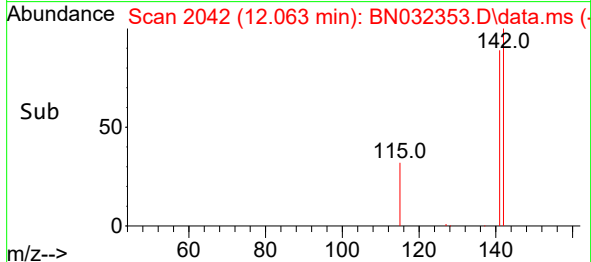
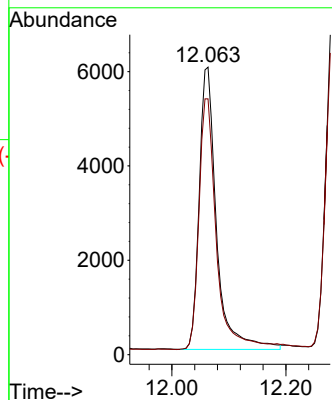
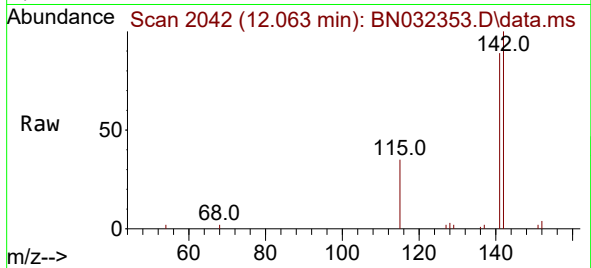




#7
2-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.063 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

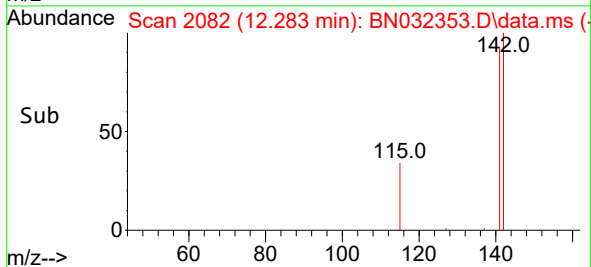
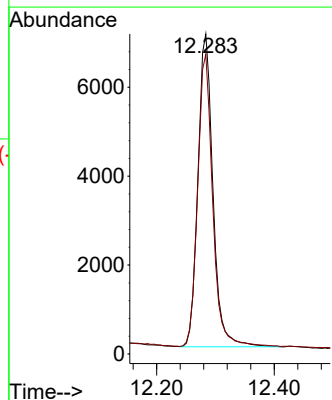
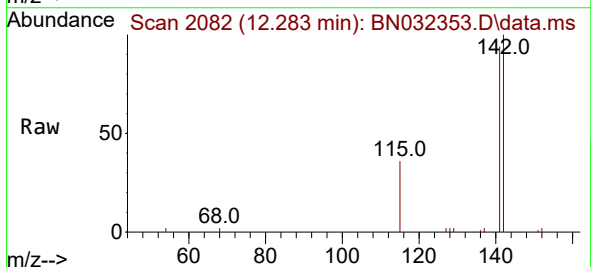
Instrument :
BNA_N
ClientSampleId :
SLCS631

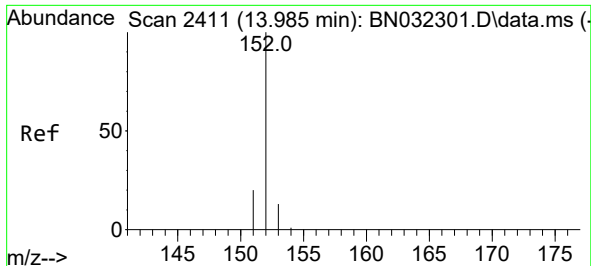
Tgt Ion:142 Resp: 12626
Ion Ratio Lower Upper
142 100
141 90.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.277 ng/ul
RT: 12.283 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

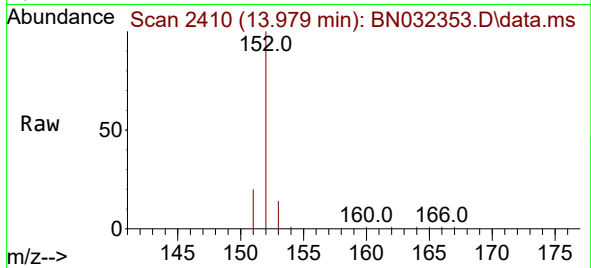
Tgt Ion:142 Resp: 12505
Ion Ratio Lower Upper
142 100
141 93.1 73.4 110.0



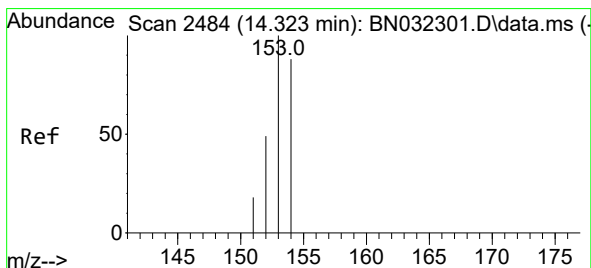
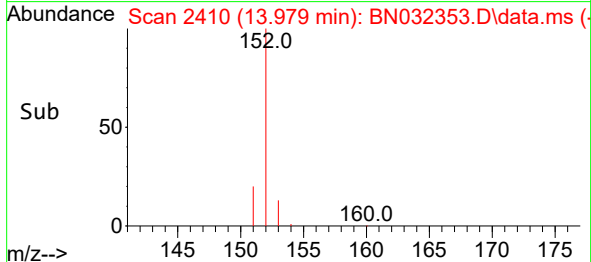
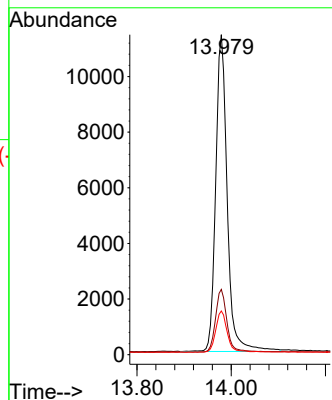


#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 13.979 min Scan# 2410
Delta R.T. -0.011 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

Instrument :
BNA_N
ClientSampleId :
SLCS631

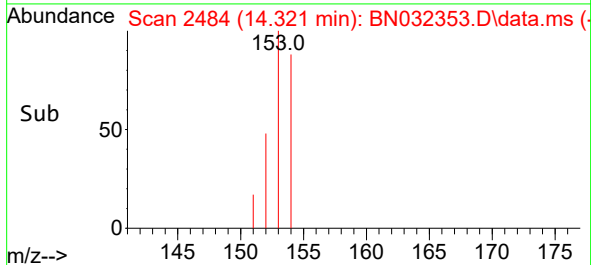
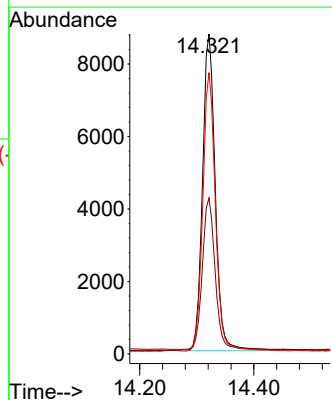
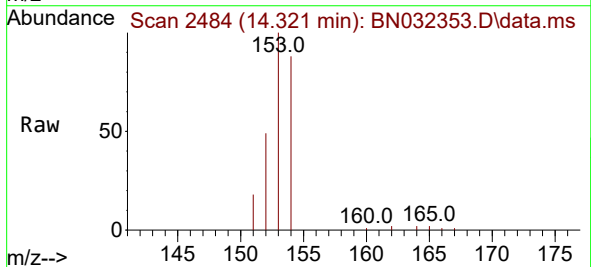


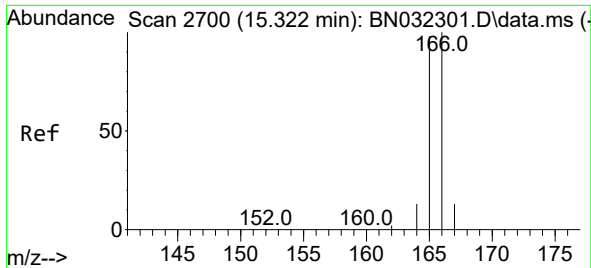
Tgt Ion:152 Resp: 19283
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.321 ng/ul
RT: 14.321 min Scan# 2484
Delta R.T. -0.011 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

Tgt Ion:153 Resp: 13548
Ion Ratio Lower Upper
153 100
152 48.8 39.5 59.3
154 87.9 71.7 107.5

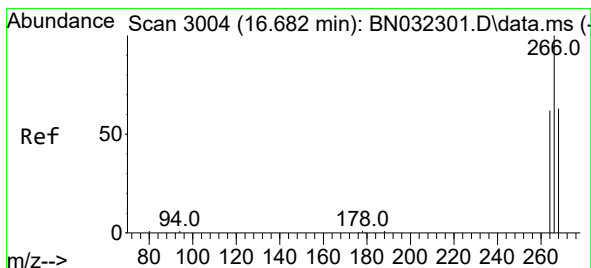
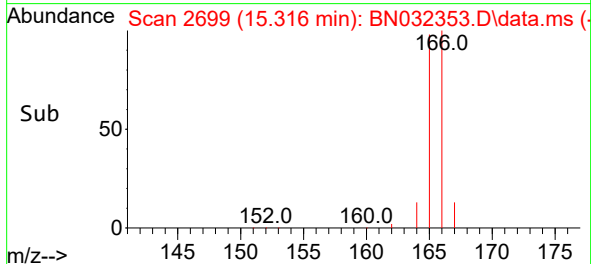
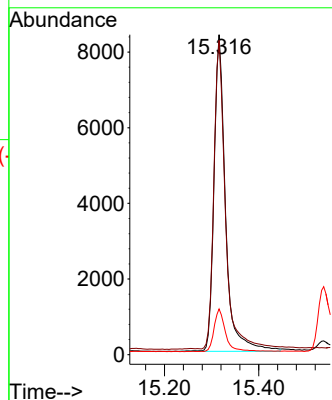
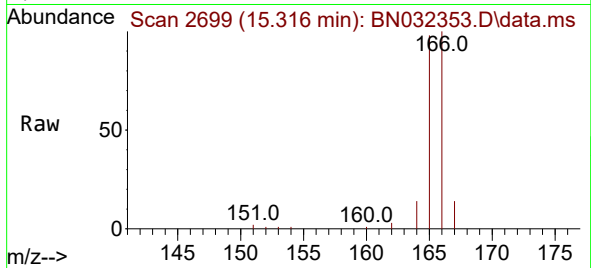




#12
Fluorene
Concen: 0.283 ng/ul
RT: 15.316 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

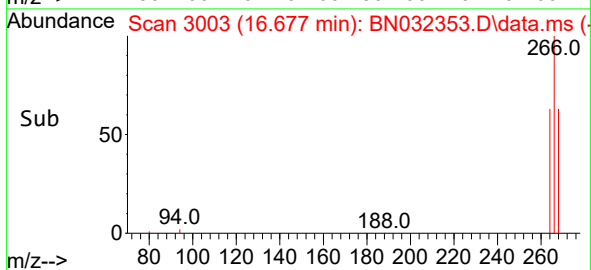
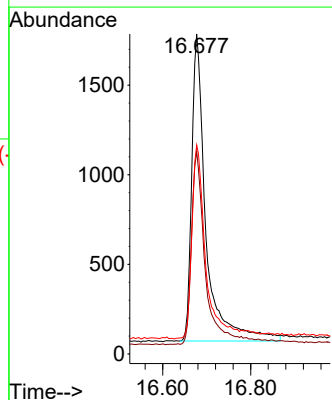
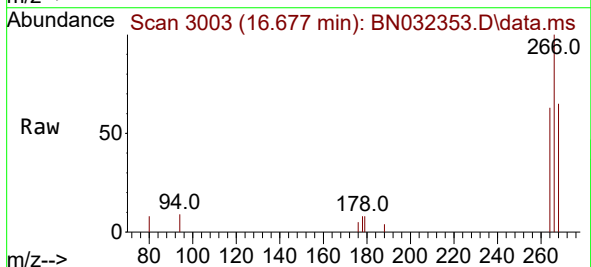
Instrument :
BNA_N
ClientSampleId :
SLCS631

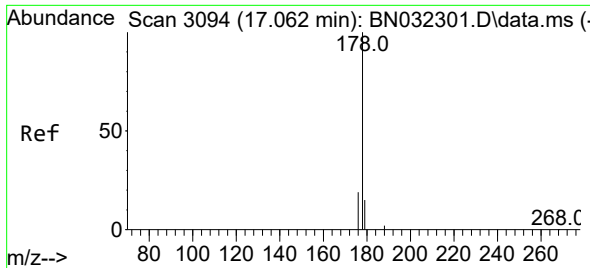
Tgt Ion:166 Resp: 14207
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.6
167 14.3 11.0 16.6



#14
Pentachlorophenol
Concen: 0.742 ng/ul
RT: 16.677 min Scan# 3003
Delta R.T. -0.022 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

Tgt Ion:266 Resp: 3858
Ion Ratio Lower Upper
266 100
264 63.0 49.9 74.9
268 65.5 52.4 78.6

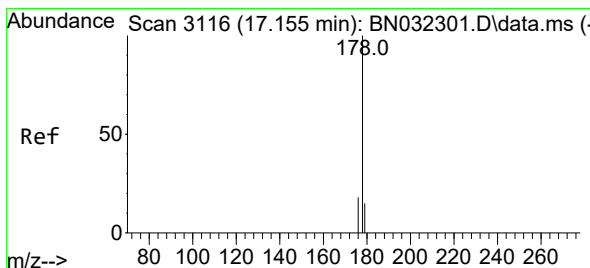
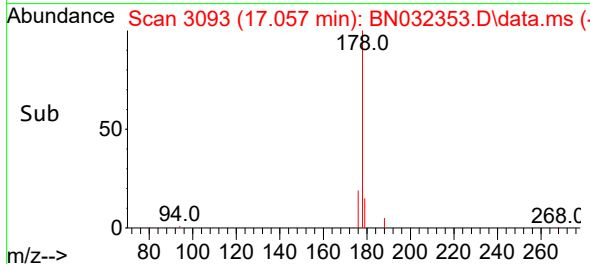
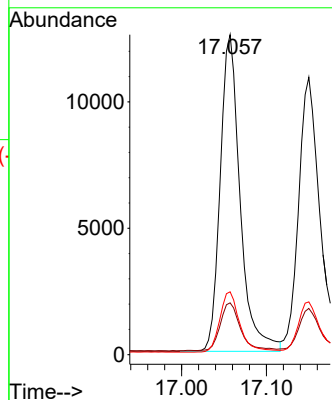
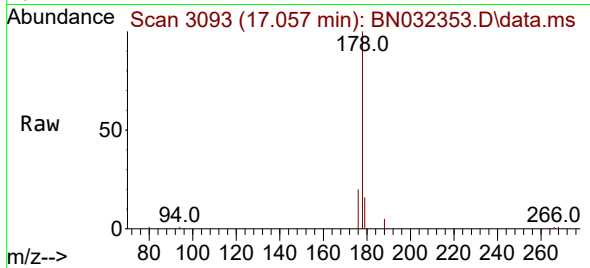




#15
Phenanthrene
Concen: 0.324 ng/ul
RT: 17.057 min Scan# 3093
Delta R.T. -0.010 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

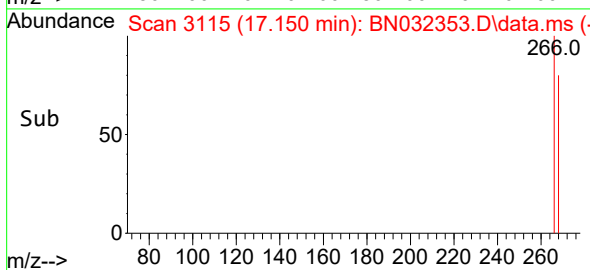
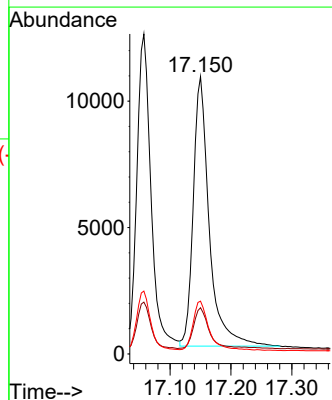
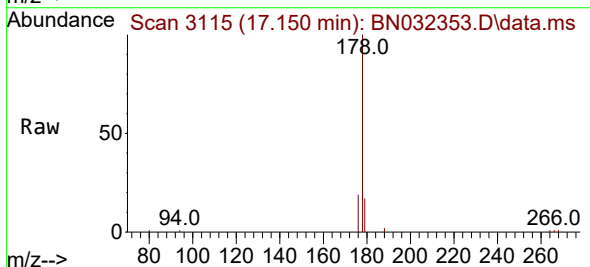
Instrument :
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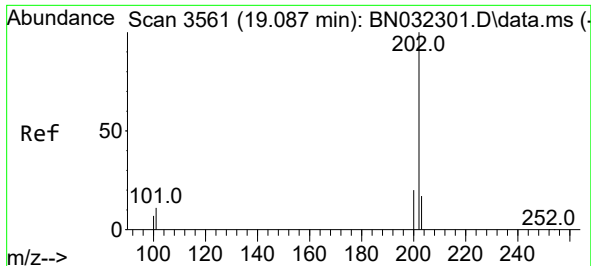
Tgt Ion:178 Resp: 20436
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.347 ng/ul
RT: 17.150 min Scan# 3115
Delta R.T. -0.010 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

Tgt Ion:178 Resp: 19522
Ion Ratio Lower Upper
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179 16.7 12.5 18.7
176 19.0 15.0 22.6

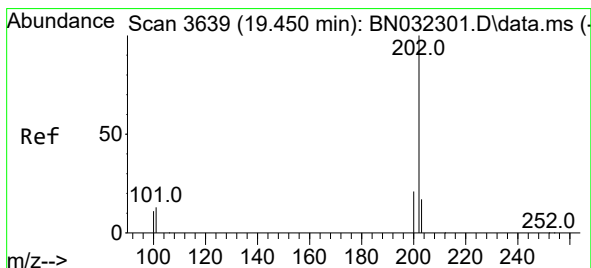
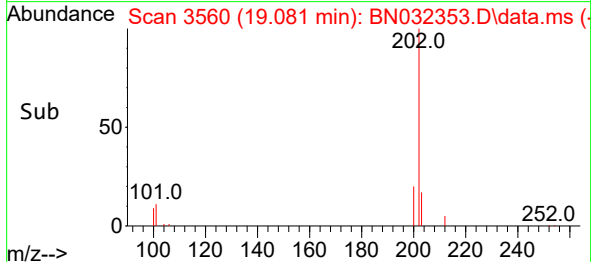
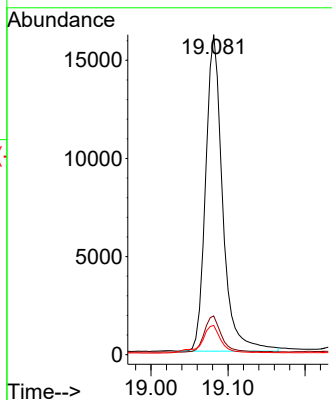
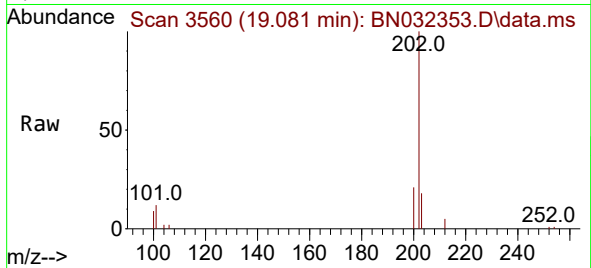




#19
Fluoranthene
Concen: 0.317 ng/ul
RT: 19.081 min Scan# 3560
Delta R.T. -0.011 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

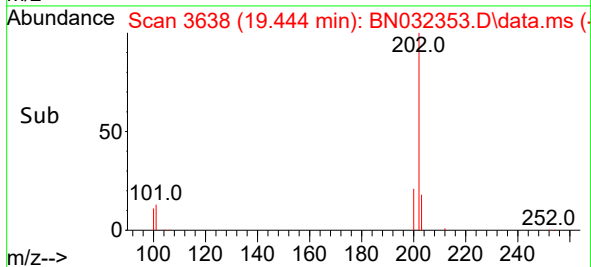
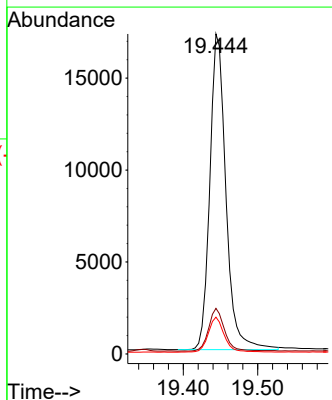
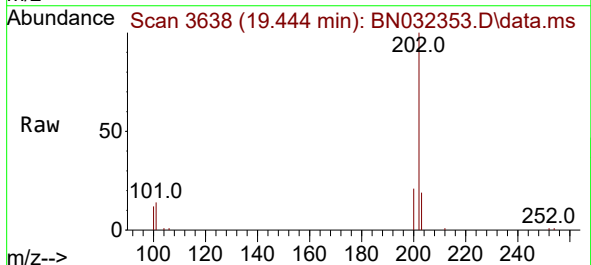
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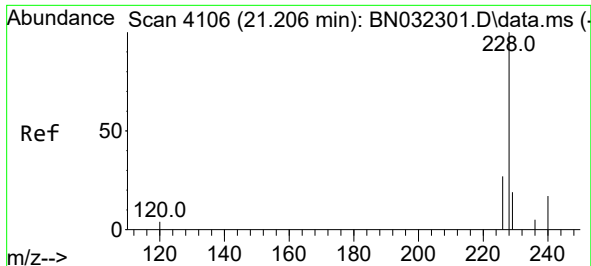
Tgt Ion:202 Resp: 24707
Ion Ratio Lower Upper
202 100
101 12.1 8.8 13.2
100 9.1 6.4 9.6



#20
Pyrene
Concen: 0.317 ng/ul
RT: 19.444 min Scan# 3638
Delta R.T. -0.011 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

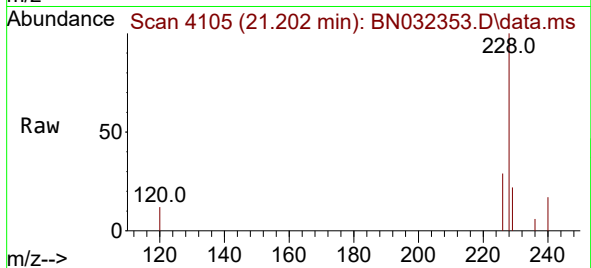
Tgt Ion:202 Resp: 25889
Ion Ratio Lower Upper
202 100
101 14.3 11.0 16.4
100 11.5 8.7 13.1



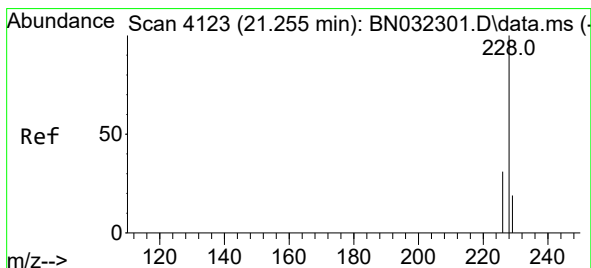
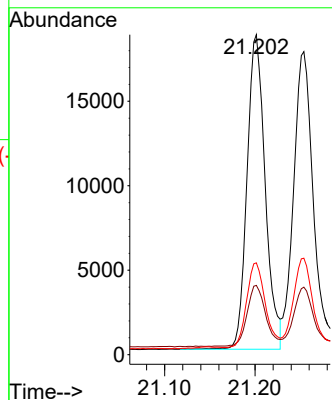
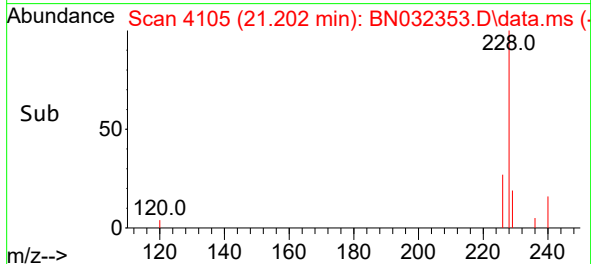


#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.202 min Scan# 4105
Delta R.T. -0.013 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

Instrument :
BNA_N
ClientSampleId :
SLCS631

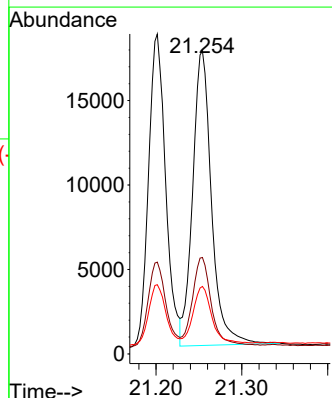
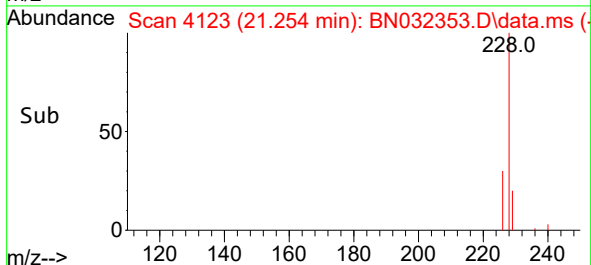
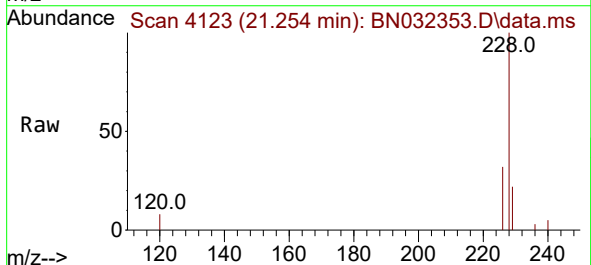


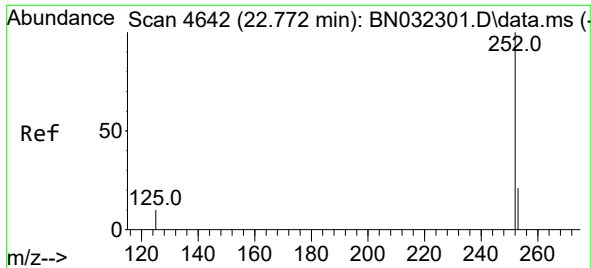
Tgt Ion:228 Resp: 26047
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 28.7 21.8 32.8



#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.254 min Scan# 4123
Delta R.T. -0.013 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

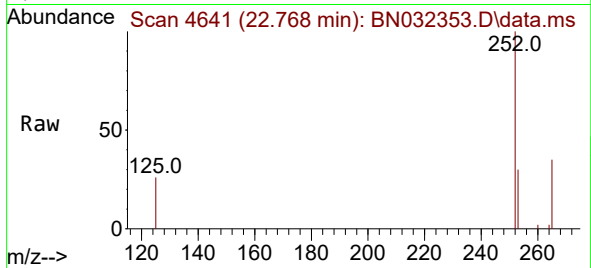
Tgt Ion:228 Resp: 26620
Ion Ratio Lower Upper
228 100
226 31.8 23.6 35.4
229 22.3 15.7 23.5



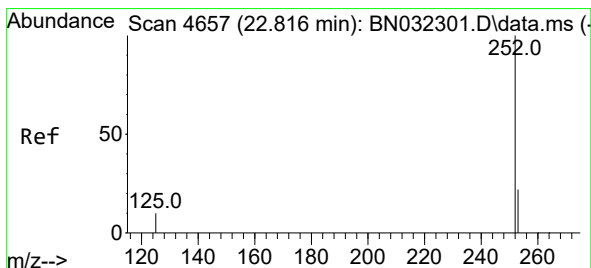
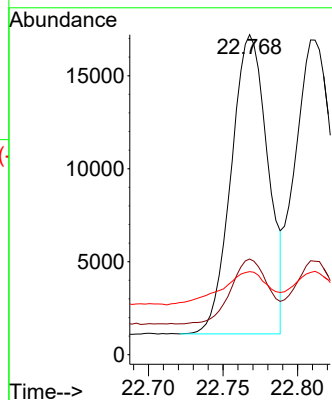


#24
Benzo(b)fluoranthene
Concen: 0.256 ng/ul
RT: 22.768 min Scan# 4641
Delta R.T. -0.016 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

Instrument :
BNA_N
ClientSampleId :
SLCS631

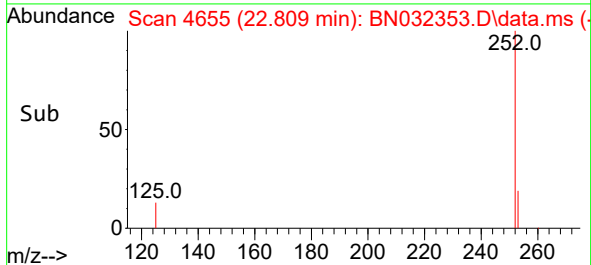
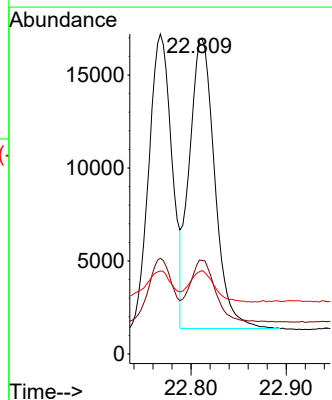
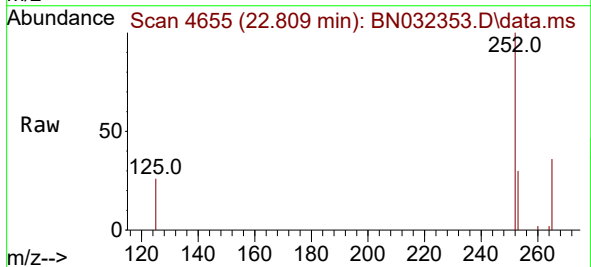


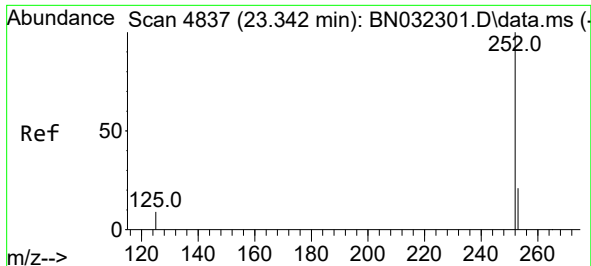
Tgt Ion:252 Resp: 27514
Ion Ratio Lower Upper
252 100
253 29.9 0.0 50.2
125 26.0 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.276 ng/ul
RT: 22.809 min Scan# 4655
Delta R.T. -0.019 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

Tgt Ion:252 Resp: 28892
Ion Ratio Lower Upper
252 100
253 29.8 20.3 30.5
125 26.1 12.8 19.2#

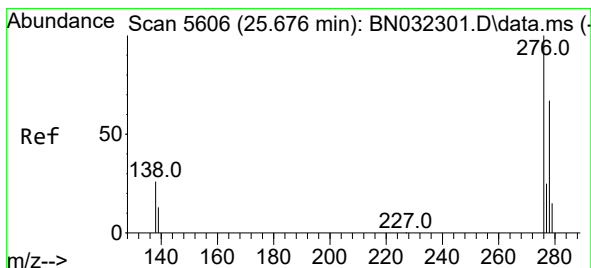
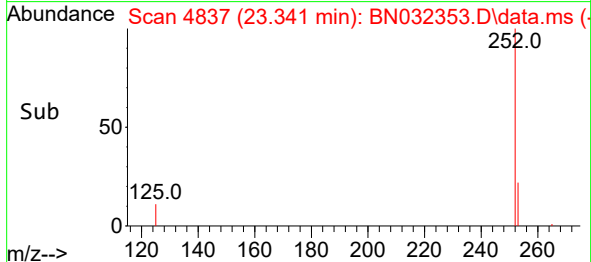
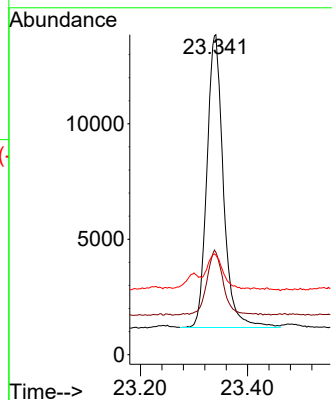
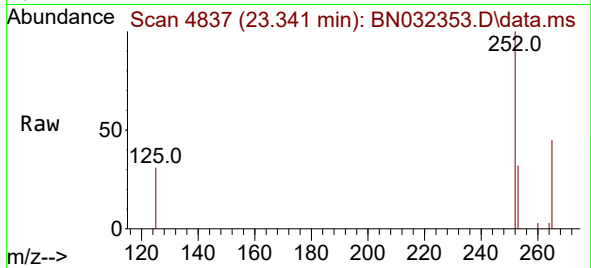




#26
Benzo(a)pyrene
Concen: 0.362 ng/ul
RT: 23.341 min Scan# 4837
Delta R.T. -0.019 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

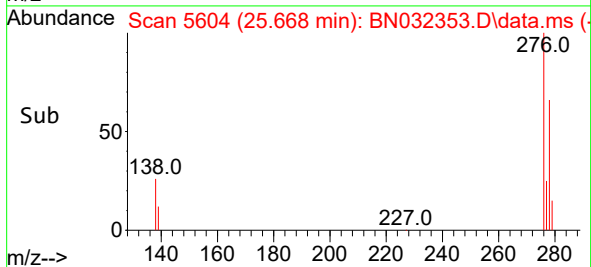
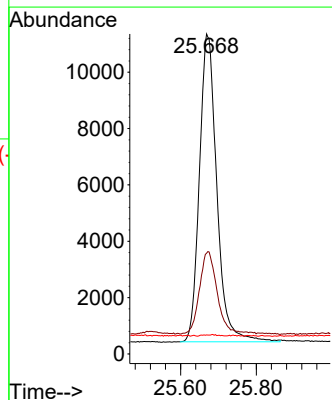
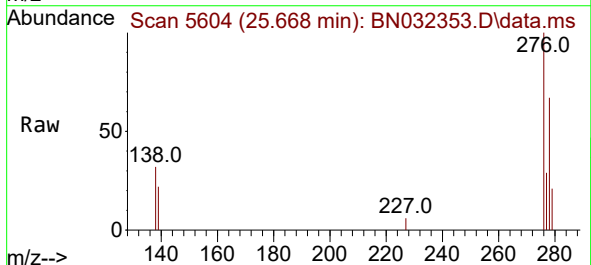
Instrument :
BNA_N
ClientSampleId :
SLCS631

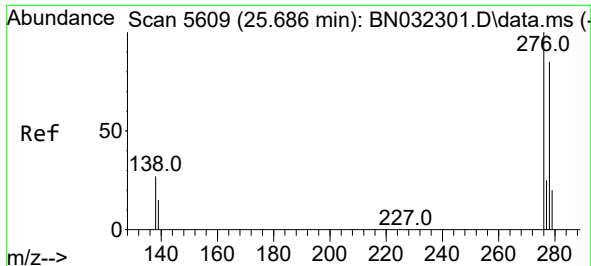
Tgt Ion:252 Resp: 27088
Ion Ratio Lower Upper
252 100
253 32.0 22.2 33.2
125 31.1 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng/ul
RT: 25.668 min Scan# 5604
Delta R.T. -0.031 min
Lab File: BN032353.D
Acq: 29 Jun 2024 15:53

Tgt Ion:276 Resp: 34918
Ion Ratio Lower Upper
276 100
138 28.2 21.3 31.9
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.319 ng/ul

RT: 25.682 min Scan# 5608

Delta R.T. -0.028 min

Lab File: BN032353.D

Acq: 29 Jun 2024 15:53

Instrument :

BNA_N

ClientSampleId :

SLCS631

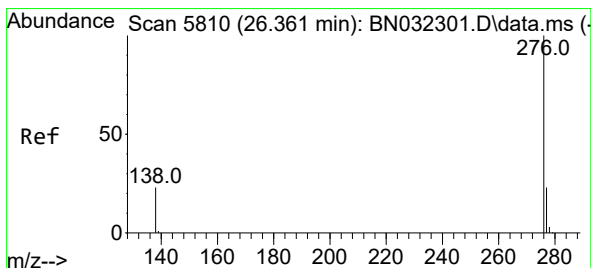
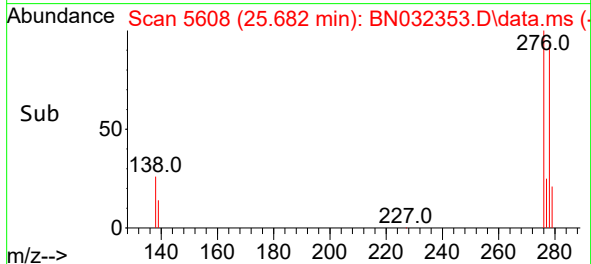
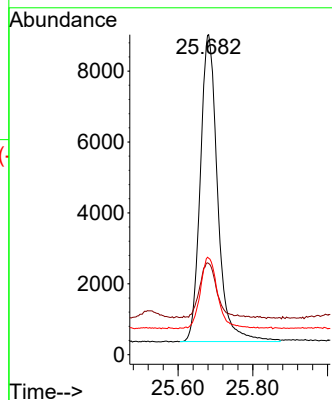
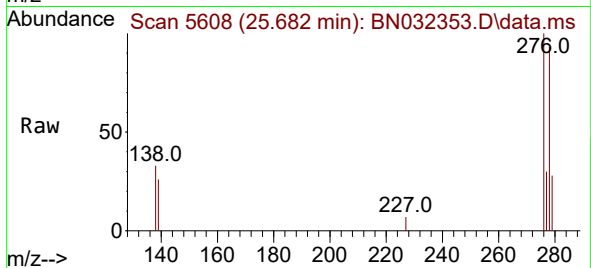
Tgt Ion:278 Resp: 27822

Ion Ratio Lower Upper

278 100

139 28.5 15.9 23.9#

279 30.1 21.1 31.7



#29

Benzo(g,h,i)perylene

Concen: 0.308 ng/ul

RT: 26.359 min Scan# 5810

Delta R.T. -0.021 min

Lab File: BN032353.D

Acq: 29 Jun 2024 15:53

Tgt Ion:276 Resp: 28771

Ion Ratio Lower Upper

276 100

138 29.3 19.8 29.6

277 27.9 19.8 29.6

