

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032542.D
 Acq On : 06 Jul 2024 12:24
 Operator : MA/JU
 Sample : P2982-02MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT2MS

Quant Time: Jul 07 23:45:05 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

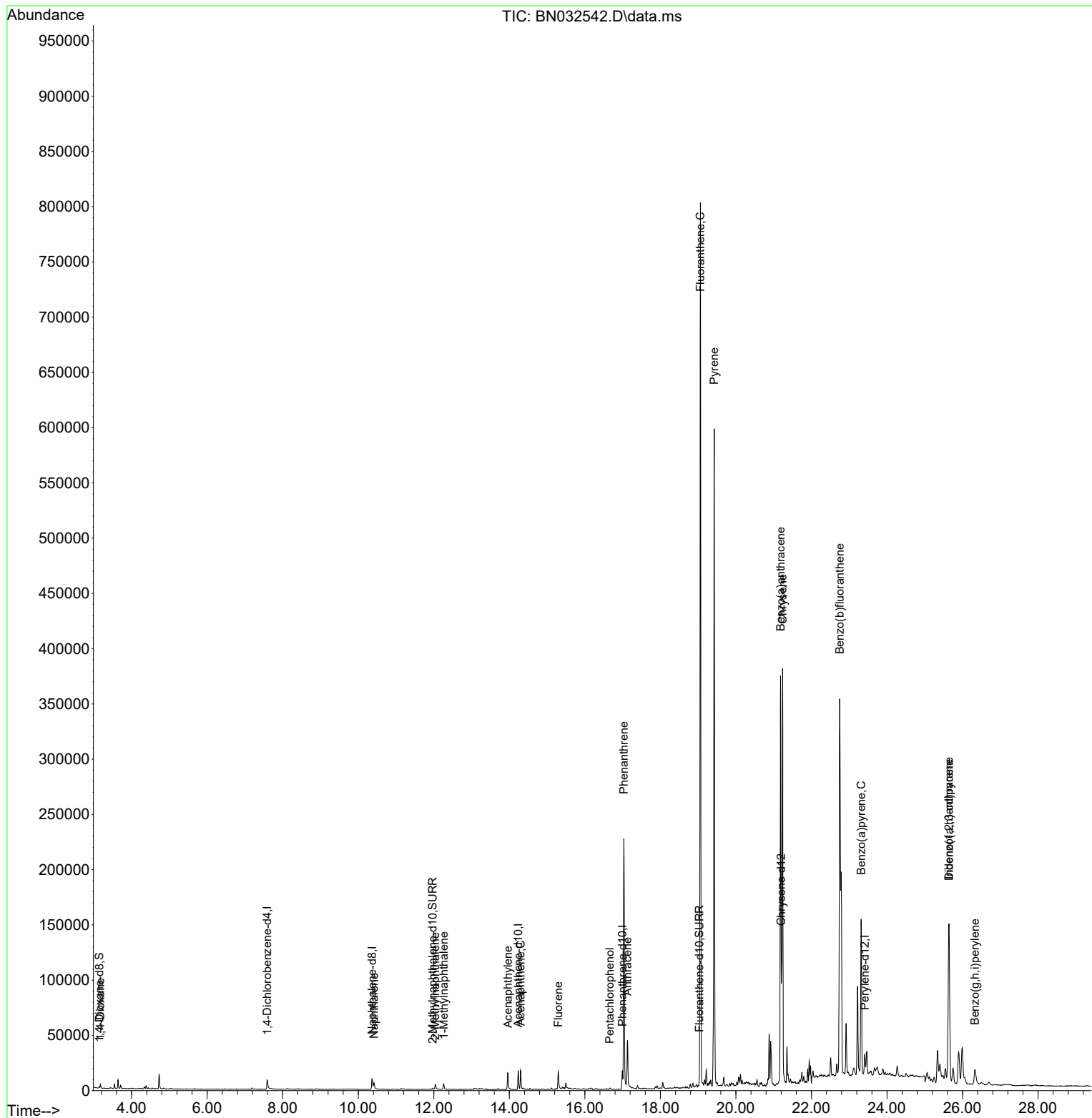
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.591	152	6099	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.365	136	18203	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.239	164	10463	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.995	188	21580	0.400	ng/ul	-0.01
17) Chrysene-d12	21.200	240	20785	0.400	ng/ul	0.00
23) Perylene-d12	23.412	264	28798	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	908	0.134	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	2102	0.077	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	6458	0.103	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.173	88	2565	0.332	ng/ul#	83
5) Naphthalene	10.415	128	9669	0.201	ng/ul	96
7) 2-Methylnaphthalene	12.043	142	4508	0.141	ng/ul	99
8) 1-Methylnaphthalene	12.263	142	4179	0.126	ng/ul	99
10) Acenaphthylene	13.962	152	22484	0.517	ng/ul	99
11) Acenaphthene	14.299	153	10710	0.317	ng/ul	98
12) Fluorene	15.299	166	12910	0.321	ng/ul	99
14) Pentachlorophenol	16.661	266	1198	0.245	ng/ul	93
15) Phenanthrene	17.033	178	261823	4.425	ng/ul	99
16) Anthracene	17.130	178	55909	1.059	ng/ul	99
19) Fluoranthene	19.059	202	693180	8.758	ng/ul	97
20) Pyrene	19.426	202	509277	6.157	ng/ul	99
21) Benzo(a)anthracene	21.182	228	316997	4.226	ng/ul	99
22) Chrysene	21.235	228	384115	4.665	ng/ul	97
24) Benzo(b)fluoranthene	22.748	252	755839	6.041	ng/ul	94
26) Benzo(a)pyrene	23.316	252	196618	2.259	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.639	276	203251	1.491	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.643	278	76045	0.751	ng/ul	96
29) Benzo(g,h,i)perylene	26.327	276	28060	0.258	ng/ul#	87

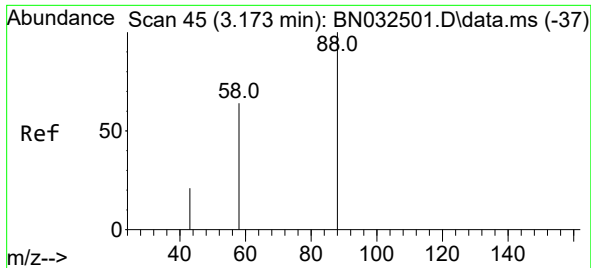
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 07 23:45:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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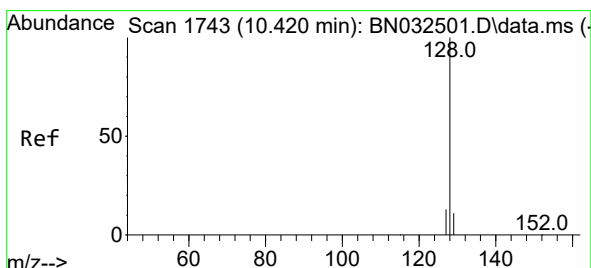
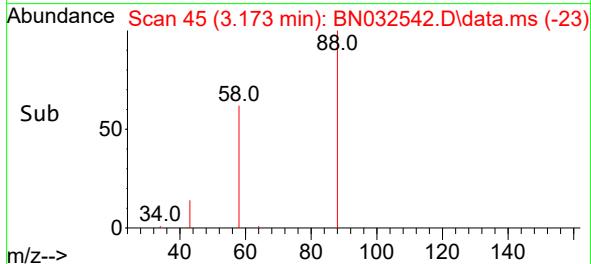
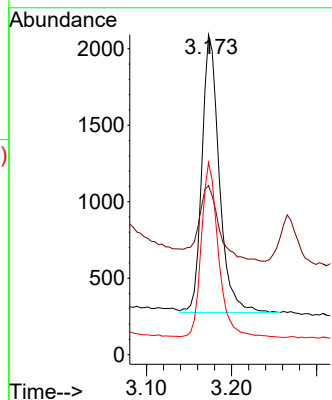
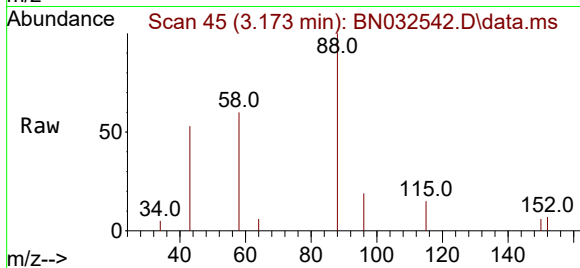




#2
 1,4-Dioxane
 Concen: 0.332 ng/ul
 RT: 3.173 min Scan# 41
 Delta R.T. -0.008 min
 Lab File: BN032542.D
 Acq: 06 Jul 2024 12:24

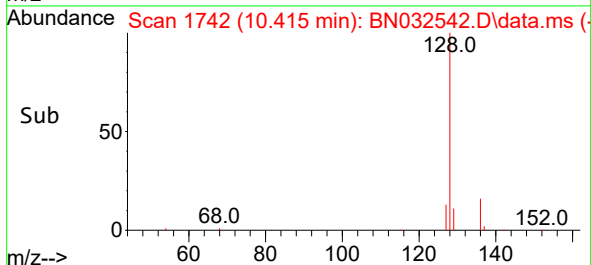
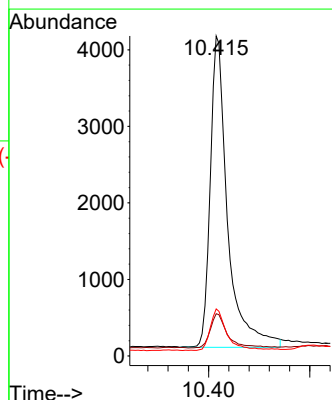
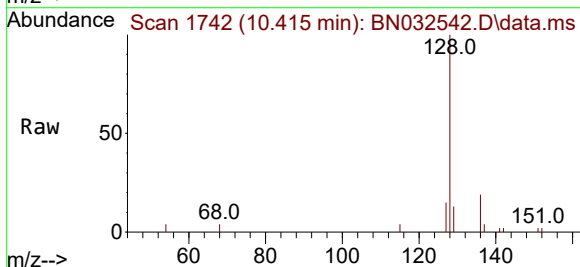
Instrument :
 BNA_N
 ClientSampleId :
 A4CT2MS

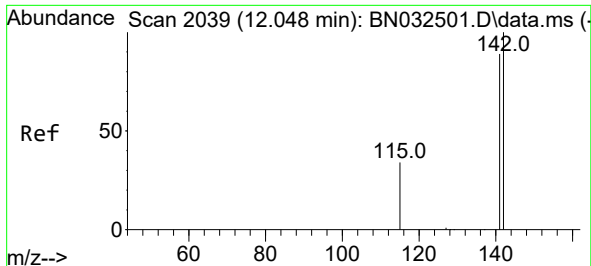
Tgt Ion: 88 Resp: 2565
 Ion Ratio Lower Upper
 88 100
 43 52.9 28.4 42.6#
 58 60.0 43.3 64.9



#5
 Naphthalene
 Concen: 0.201 ng/ul
 RT: 10.415 min Scan# 1742
 Delta R.T. -0.016 min
 Lab File: BN032542.D
 Acq: 06 Jul 2024 12:24

Tgt Ion: 128 Resp: 9669
 Ion Ratio Lower Upper
 128 100
 129 13.2 9.2 13.8
 127 14.7 10.8 16.2

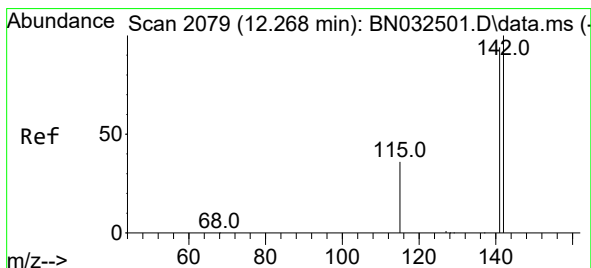
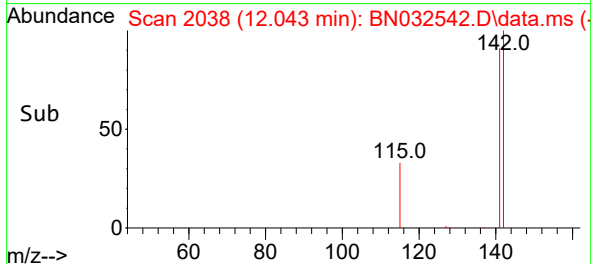
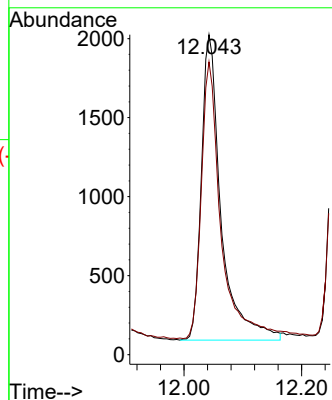
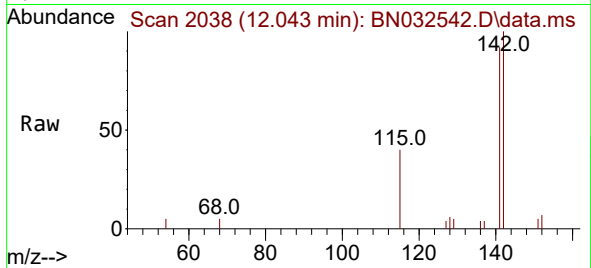




#7
2-Methylnaphthalene
Concen: 0.141 ng/ul
RT: 12.043 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032542.D
Acq: 06 Jul 2024 12:24

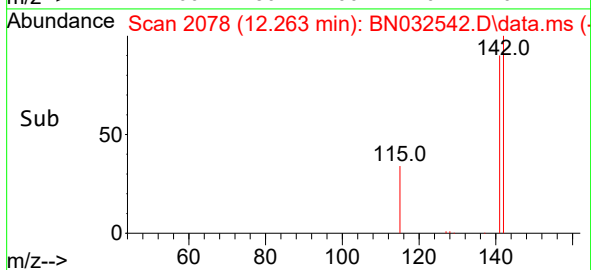
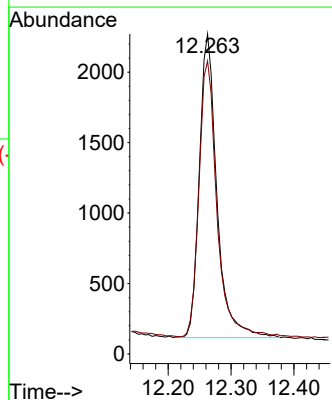
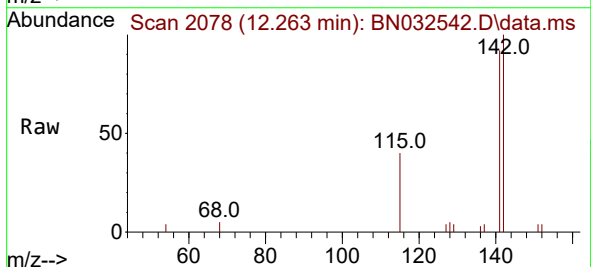
Instrument :
BNA_N
ClientSampleId :
A4CT2MS

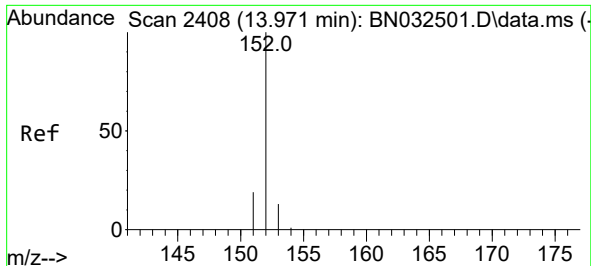
Tgt Ion:142 Resp: 4508
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.126 ng/ul
RT: 12.263 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BN032542.D
Acq: 06 Jul 2024 12:24

Tgt Ion:142 Resp: 4179
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.0

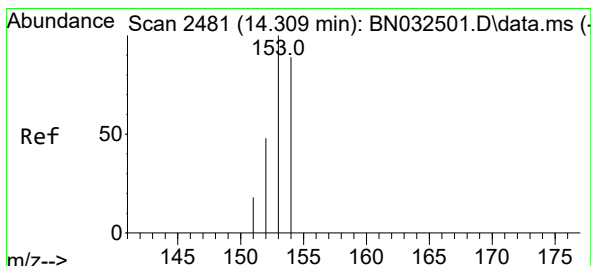
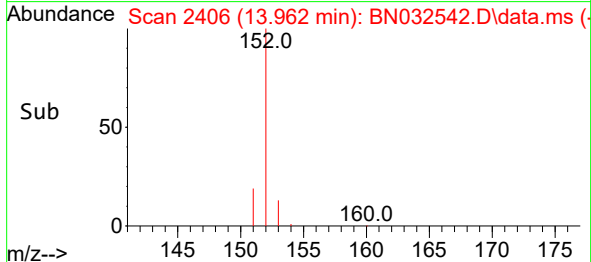
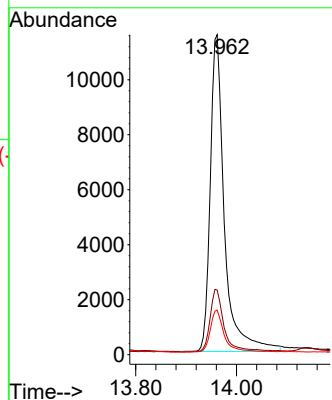
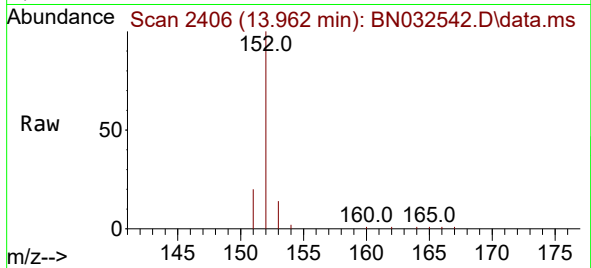




#10
Acenaphthylene
Concen: 0.517 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032542.D
Acq: 06 Jul 2024 12:24

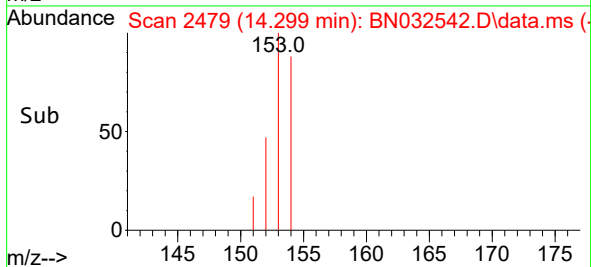
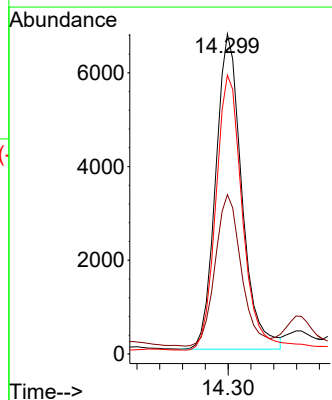
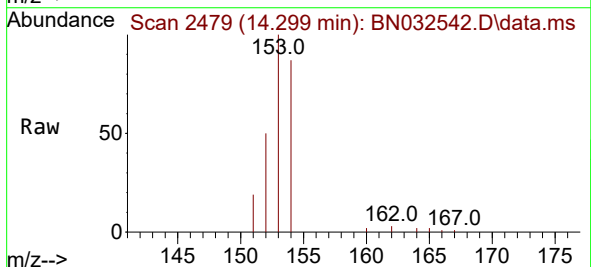
Instrument :
BNA_N
ClientSampleId :
A4CT2MS

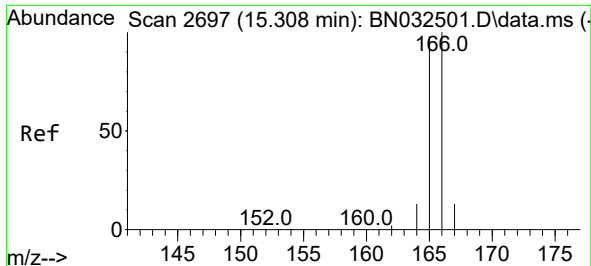
Tgt Ion:152 Resp: 22484
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.9 10.9 16.3



#11
Acenaphthene
Concen: 0.317 ng/ul
RT: 14.299 min Scan# 2479
Delta R.T. -0.014 min
Lab File: BN032542.D
Acq: 06 Jul 2024 12:24

Tgt Ion:153 Resp: 10710
Ion Ratio Lower Upper
153 100
152 49.8 39.5 59.3
154 87.1 71.7 107.5

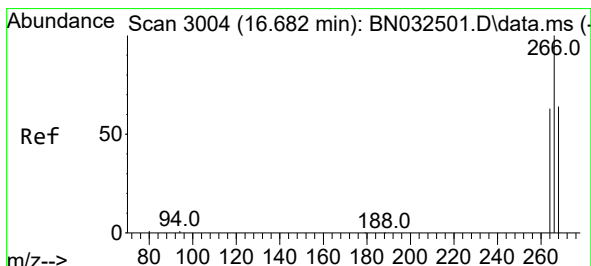
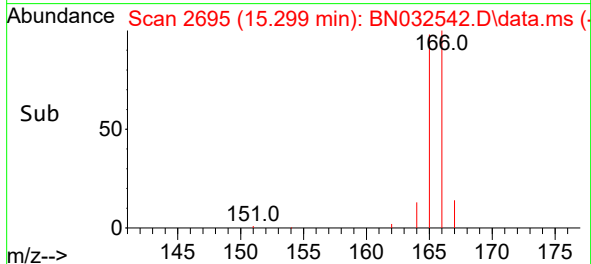
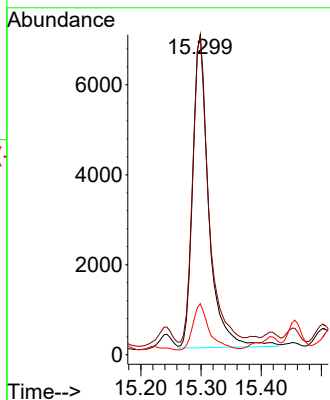
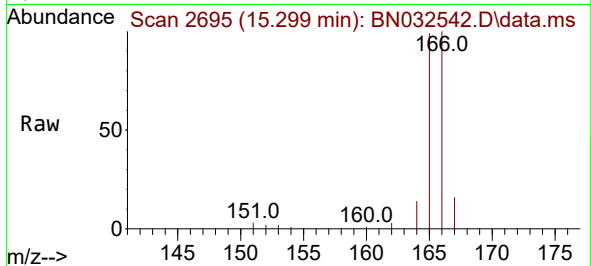




#12
Fluorene
Concen: 0.321 ng/ul
RT: 15.299 min Scan# 2099
Delta R.T. -0.014 min
Lab File: BN032542.D
Acq: 06 Jul 2024 12:24

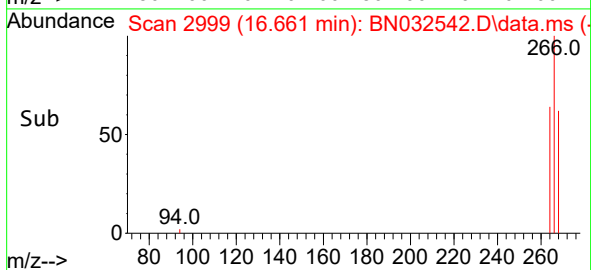
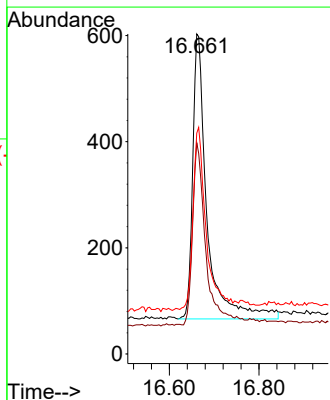
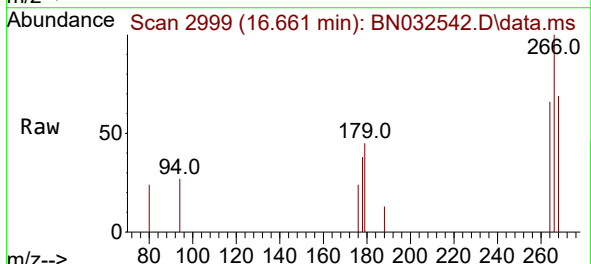
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BNA_N
ClientSampleId :
A4CT2MS

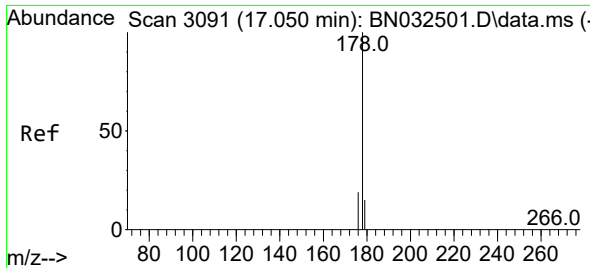
Tgt Ion:166 Resp: 12910
Ion Ratio Lower Upper
166 100
165 99.3 79.0 118.6
167 15.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.245 ng/ul
RT: 16.661 min Scan# 2999
Delta R.T. -0.013 min
Lab File: BN032542.D
Acq: 06 Jul 2024 12:24

Tgt Ion:266 Resp: 1198
Ion Ratio Lower Upper
266 100
264 58.5 49.9 74.9
268 58.8 52.4 78.6

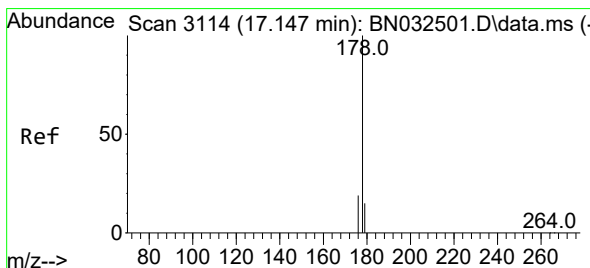
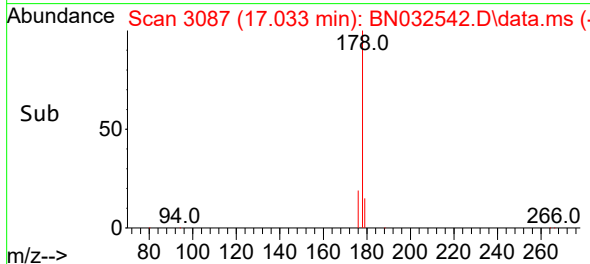
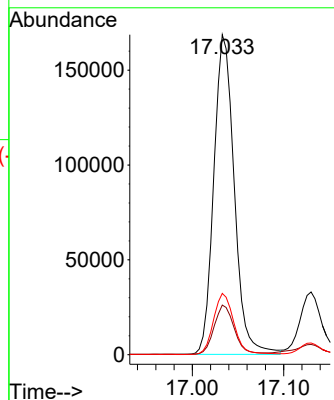
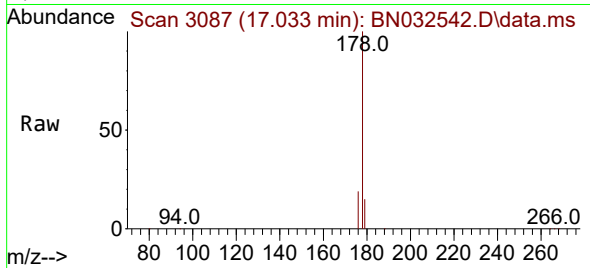




#15
Phenanthrene
Concen: 4.425 ng/ul
RT: 17.033 min Scan# 3091
Delta R.T. -0.017 min
Lab File: BN032542.D
Acq: 06 Jul 2024 12:24

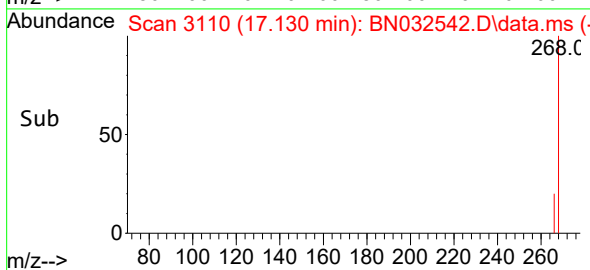
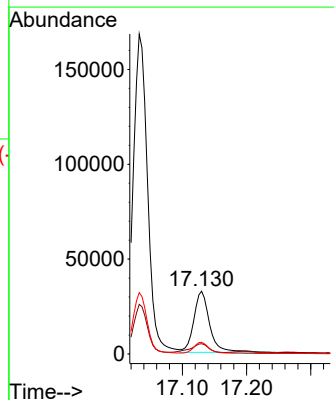
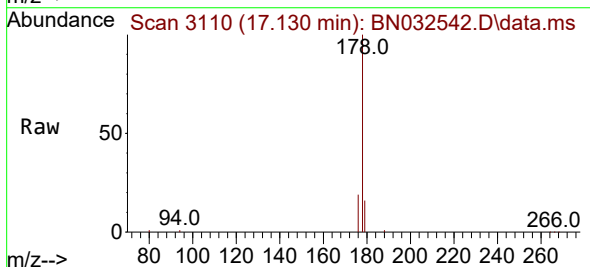
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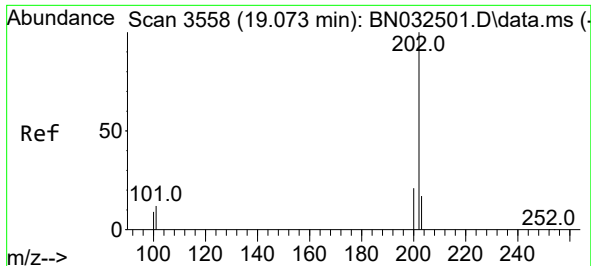
Tgt Ion:178 Resp: 261823
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.1 15.6 23.4



#16
Anthracene
Concen: 1.059 ng/ul
RT: 17.130 min Scan# 3110
Delta R.T. -0.013 min
Lab File: BN032542.D
Acq: 06 Jul 2024 12:24

Tgt Ion:178 Resp: 55909
Ion Ratio Lower Upper
178 100
179 16.5 12.5 18.7
176 18.6 15.0 22.6

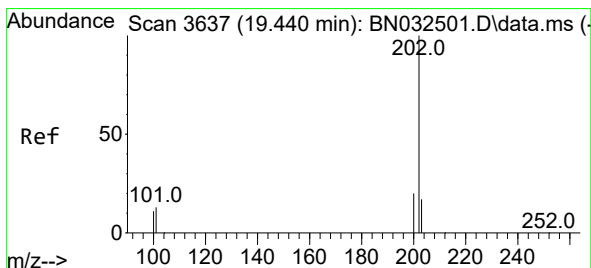
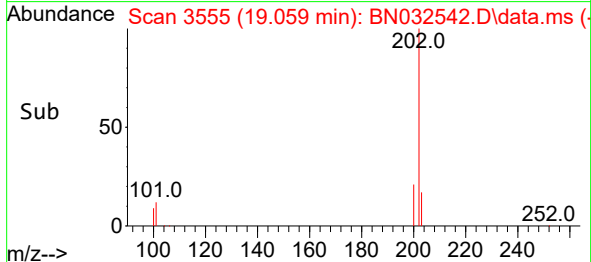
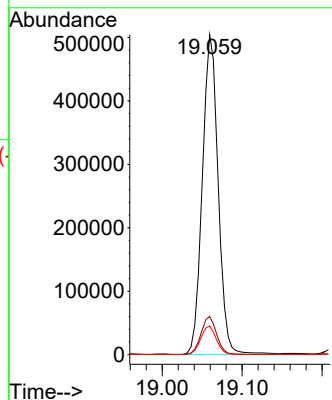
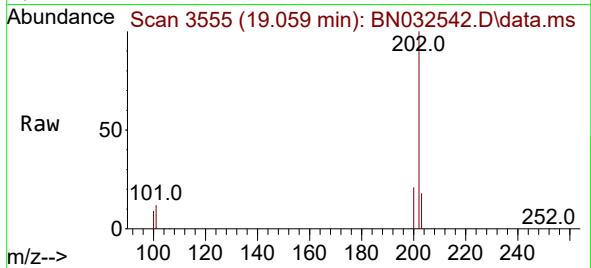




#19
Fluoranthene
Concen: 8.758 ng/ul
RT: 19.059 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN032542.D
Acq: 06 Jul 2024 12:24

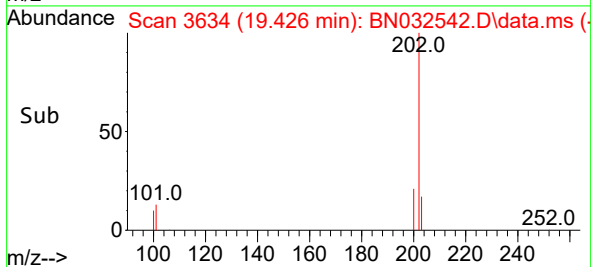
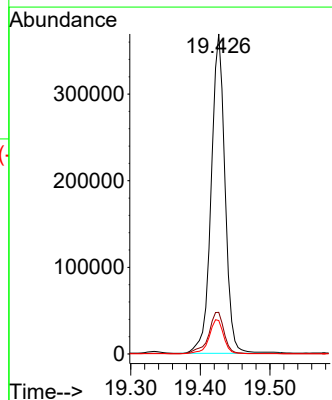
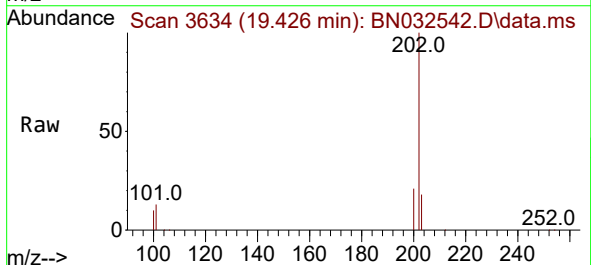
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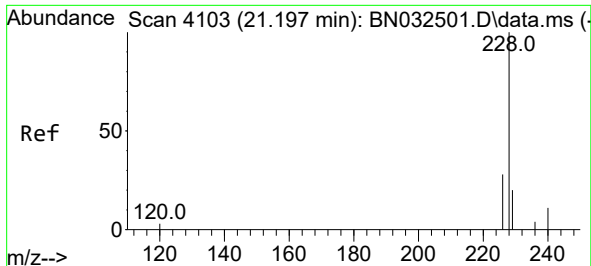
Tgt Ion:202 Resp: 693180
Ion Ratio Lower Upper
202 100
101 11.9 8.8 13.2
100 9.0 6.4 9.6



#20
Pyrene
Concen: 6.157 ng/ul
RT: 19.426 min Scan# 3634
Delta R.T. -0.014 min
Lab File: BN032542.D
Acq: 06 Jul 2024 12:24

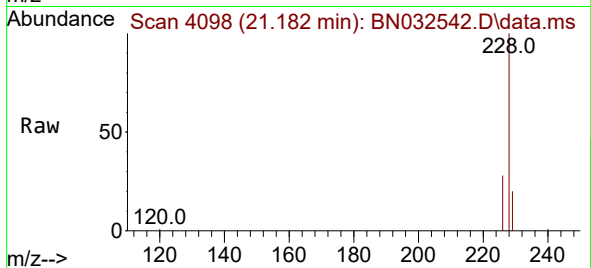
Tgt Ion:202 Resp: 509277
Ion Ratio Lower Upper
202 100
101 13.0 11.0 16.4
100 10.5 8.7 13.1



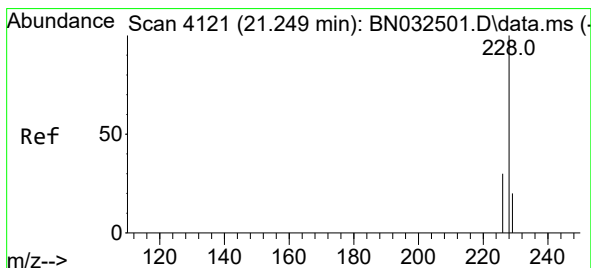
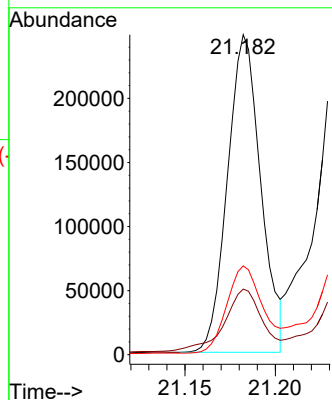
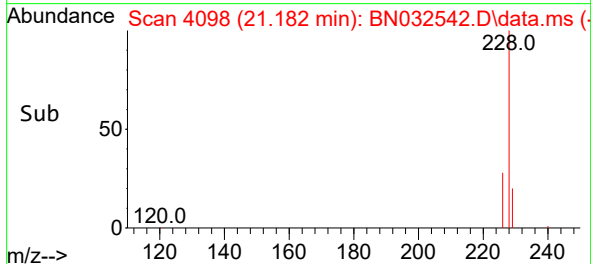


#21
Benzo(a)anthracene
Concen: 4.226 ng/ul
RT: 21.182 min Scan# 4109
Delta R.T. -0.009 min
Lab File: BN032542.D
Acq: 06 Jul 2024 12:24

Instrument :
BNA_N
ClientSampleId :
A4CT2MS

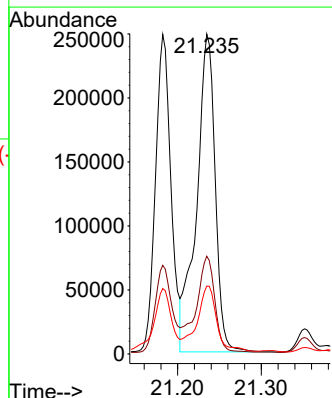
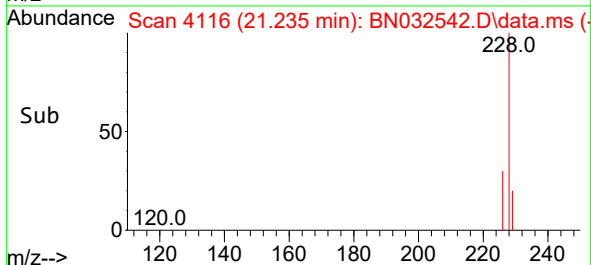
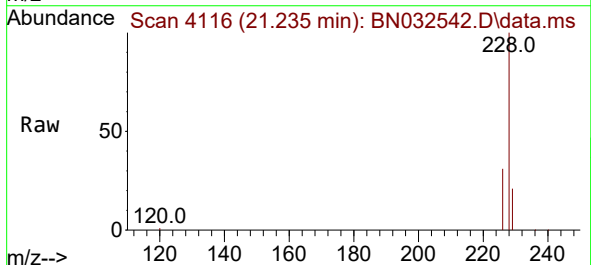


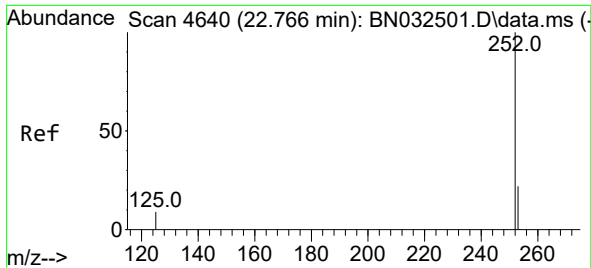
Tgt Ion:228 Resp: 316997
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 27.8 21.8 32.8



#22
Chrysene
Concen: 4.665 ng/ul
RT: 21.235 min Scan# 4116
Delta R.T. -0.009 min
Lab File: BN032542.D
Acq: 06 Jul 2024 12:24

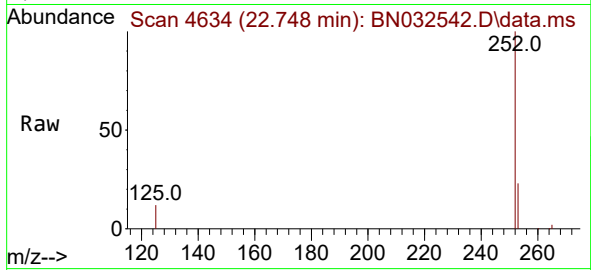
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Ion Ratio Lower Upper
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226 30.6 23.6 35.4
229 21.2 15.7 23.5



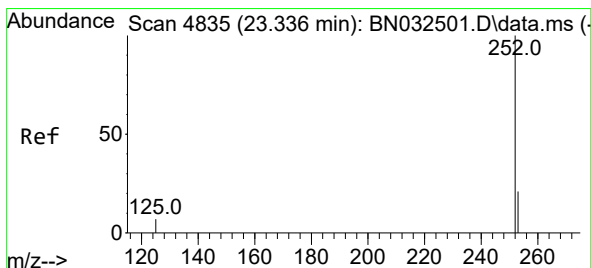
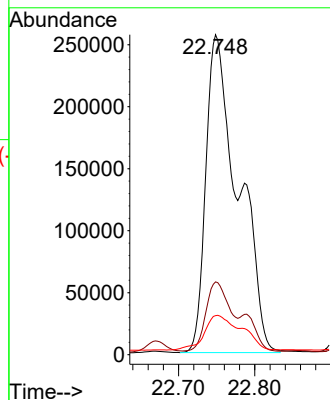
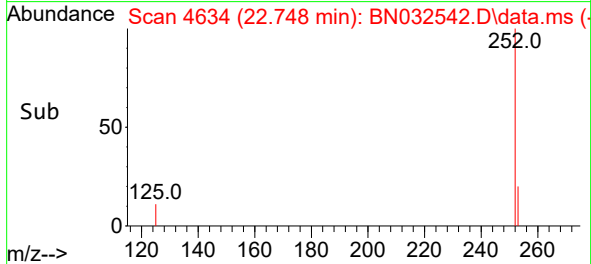


#24
Benzo(b)fluoranthene
Concen: 6.041 ng/ul
RT: 22.748 min Scan# 4634
Delta R.T. -0.009 min
Lab File: BN032542.D
Acq: 06 Jul 2024 12:24

Instrument :
BNA_N
ClientSampleId :
A4CT2MS

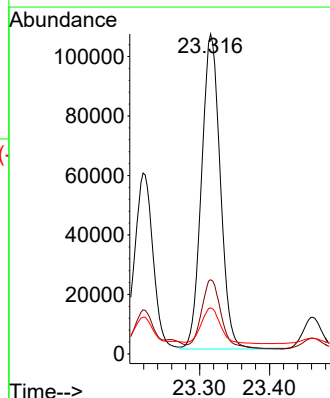
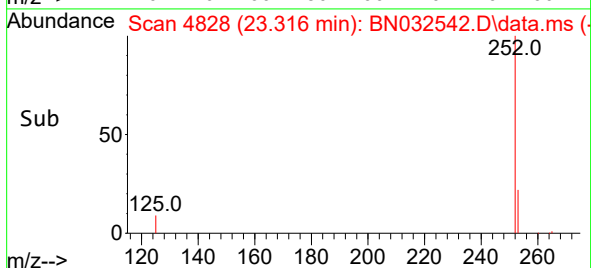
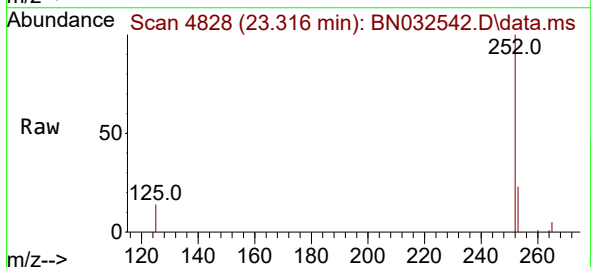


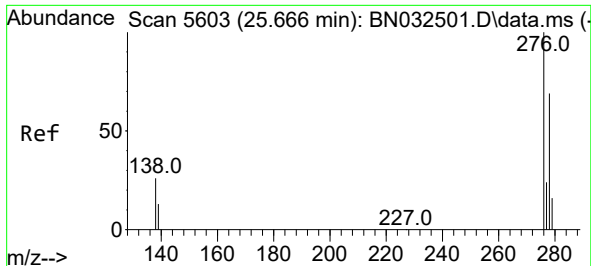
Tgt Ion:252 Resp: 755839
Ion Ratio Lower Upper
252 100
253 22.8 0.0 50.2
125 12.2 0.0 32.0



#26
Benzo(a)pyrene
Concen: 2.259 ng/ul
RT: 23.316 min Scan# 4828
Delta R.T. -0.012 min
Lab File: BN032542.D
Acq: 06 Jul 2024 12:24

Tgt Ion:252 Resp: 196618
Ion Ratio Lower Upper
252 100
253 23.2 22.2 33.2
125 14.4 16.4 24.6#

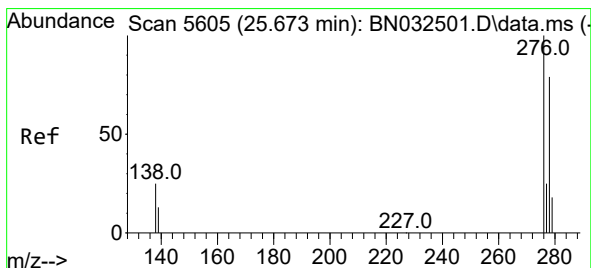
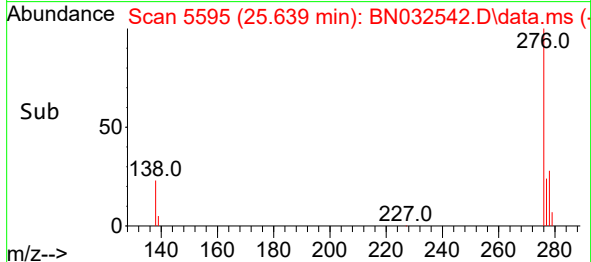
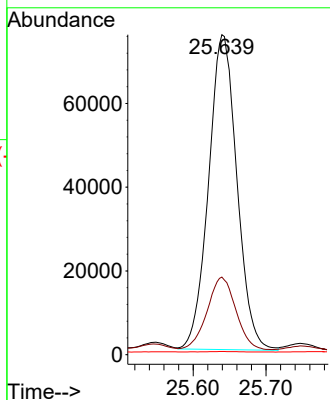
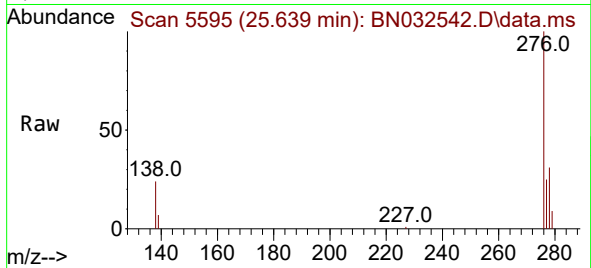




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.491 ng/ul
 RT: 25.639 min Scan# 5595
 Delta R.T. -0.020 min
 Lab File: BN032542.D
 Acq: 06 Jul 2024 12:24

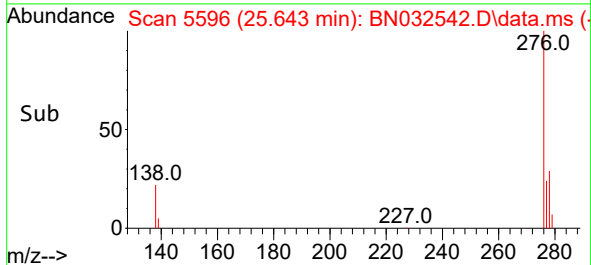
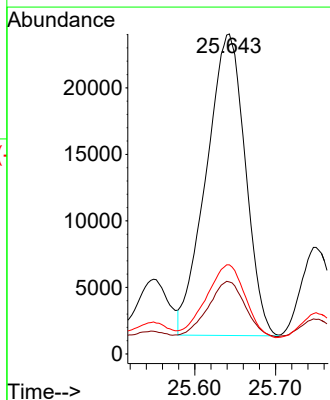
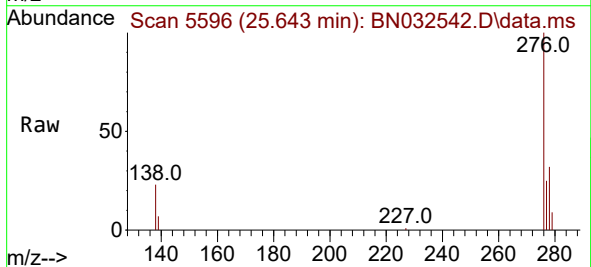
Instrument :
 BNA_N
 ClientSampleId :
 A4CT2MS

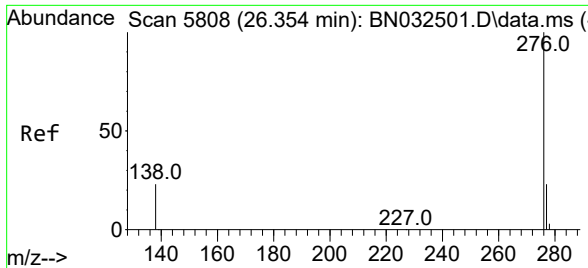
Tgt Ion:276 Resp: 203251
 Ion Ratio Lower Upper
 276 100
 138 23.4 21.3 31.9
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.751 ng/ul
 RT: 25.643 min Scan# 5596
 Delta R.T. -0.023 min
 Lab File: BN032542.D
 Acq: 06 Jul 2024 12:24

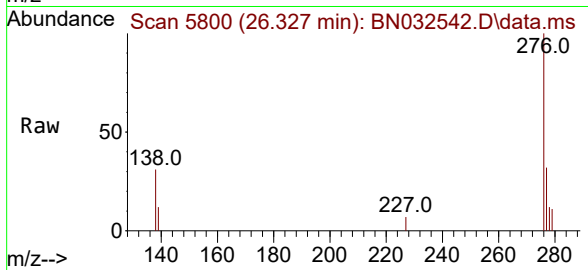
Tgt Ion:278 Resp: 76045
 Ion Ratio Lower Upper
 278 100
 139 22.5 15.9 23.9
 279 27.8 21.1 31.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.258 ng/ul
 RT: 26.327 min Scan# 51
 Delta R.T. -0.017 min
 Lab File: BN032542.D
 Acq: 06 Jul 2024 12:24

Instrument :
 BNA_N
 ClientSampleId :
 A4CT2MS



Tgt Ion:	276	Resp:	28060
Ion Ratio	Lower	Upper	
276	100		
138	30.9	19.8	29.6#
277	31.8	19.8	29.6#

