

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032776.D
 Acq On : 17 Jul 2024 13:01
 Operator : MA/JU
 Sample : P3217-08MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YDZG4MS

Quant Time: Jul 17 13:46:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

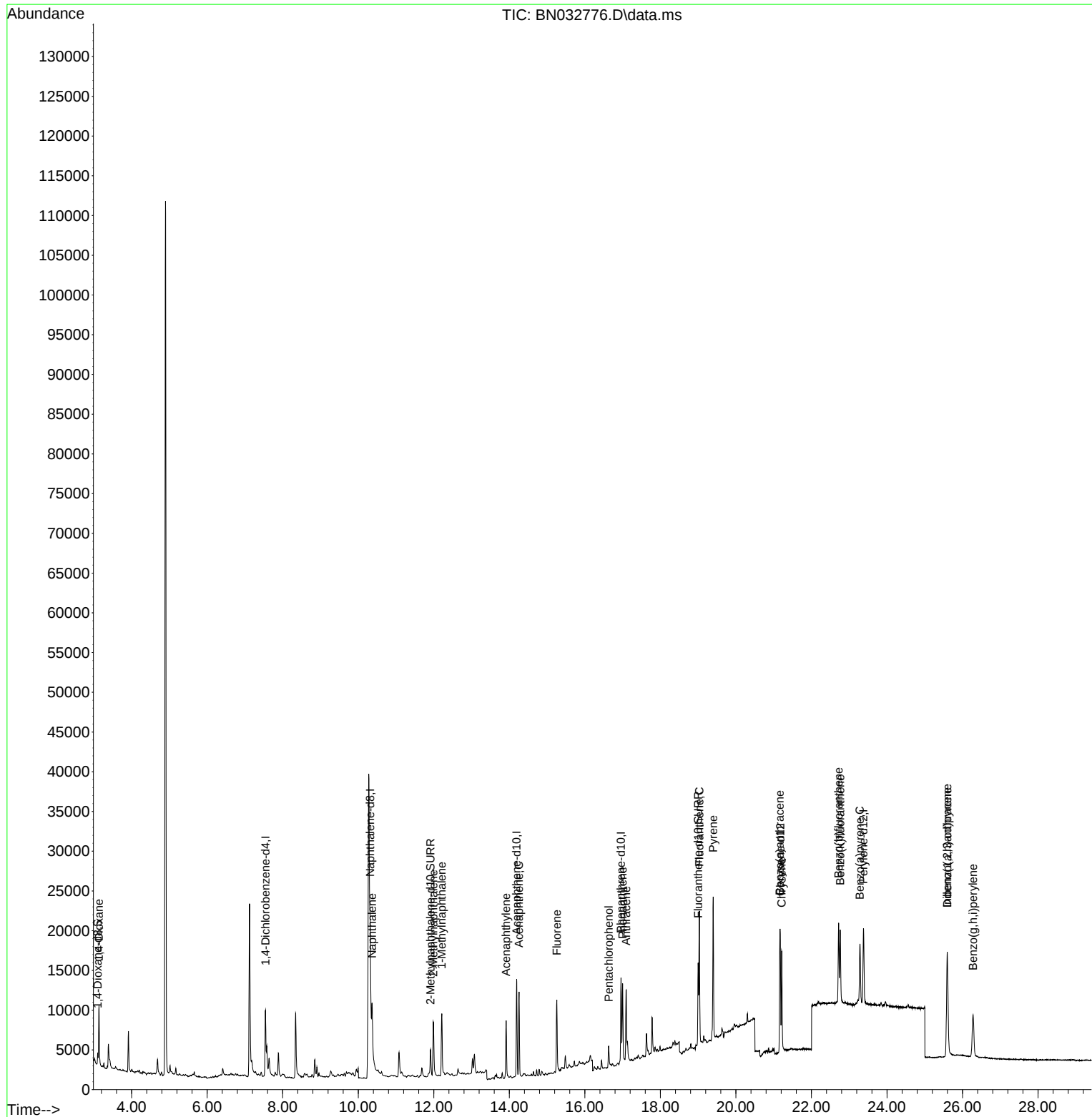
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	4683	0.400	ng/ul	0.00
4) Naphthalene-d8	10.316	136	13266	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.193	164	7161	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	14066	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.176	240	10748	0.400	ng/ul	# 0.00
23) Perylene-d12	23.377	264	12923	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	1102	0.196	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	5231	0.261	ng/ul	-0.02
18) Fluoranthene-d10	18.999	212	12202	0.348	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.135	88	5511	0.860	ng/ul#	80
5) Naphthalene	10.365	128	18189	0.511	ng/ul#	91
7) 2-Methylnaphthalene	11.988	142	5807	0.261	ng/ul	99
8) 1-Methylnaphthalene	12.213	142	5936	0.258	ng/ul	99
10) Acenaphthylene	13.915	152	9326	0.322	ng/ul	96
11) Acenaphthene	14.258	153	6527	0.273	ng/ul	99
12) Fluorene	15.257	166	6753	0.247	ng/ul#	99
14) Pentachlorophenol	16.632	266	2648	1.073	ng/ul	99
15) Phenanthrene	16.999	178	11289	0.295	ng/ul#	90
16) Anthracene	17.096	178	11767	0.376	ng/ul#	91
19) Fluoranthene	19.031	202	15413	0.353	ng/ul#	91
20) Pyrene	19.398	202	16031	0.354	ng/ul	95
21) Benzo(a)anthracene	21.162	228	11574	0.338	ng/ul#	88
22) Chrysene	21.214	228	12156	0.246	ng/ul#	88
24) Benzo(b)fluoranthene	22.719	252	12191	0.267	ng/ul#	64
25) Benzo(k)fluoranthene	22.760	252	12334	0.222	ng/ul#	59
26) Benzo(a)pyrene	23.283	252	11178	0.283	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	25.596	276	14990	0.281	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.596	278	11804	0.285	ng/ul#	71
29) Benzo(g,h,i)perylene	26.280	276	11659	0.261	ng/ul#	81

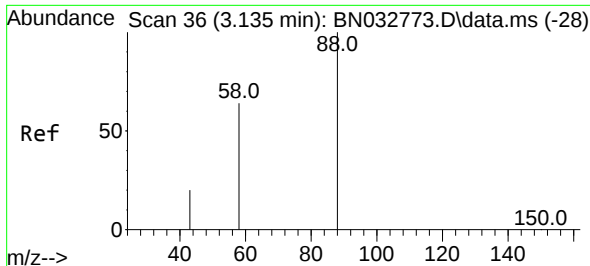
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 17 13:46:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

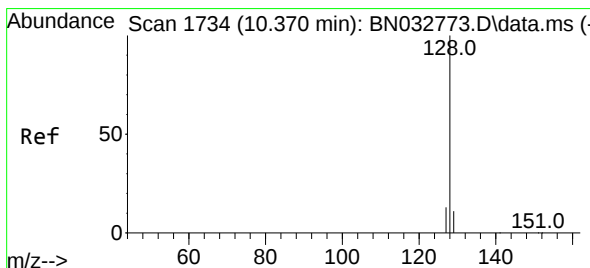
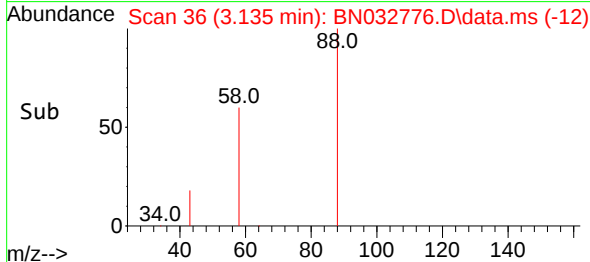
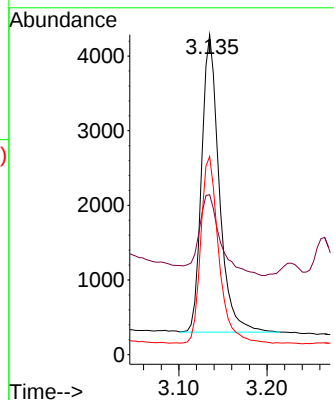
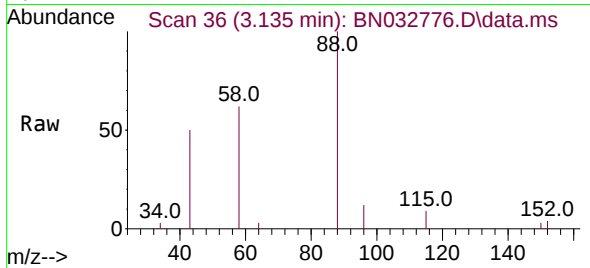




#2
1,4-Dioxane
Concen: 0.860 ng/ul
RT: 3.135 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN032776.D
Acq: 17 Jul 2024 13:01

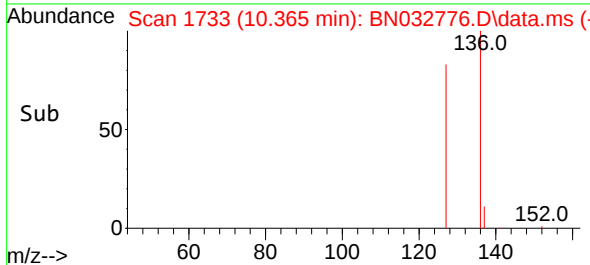
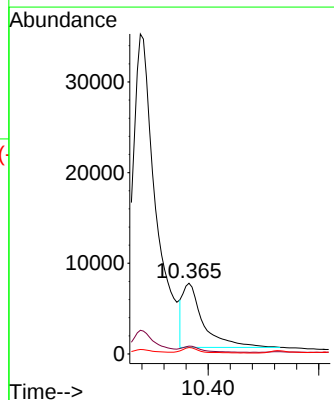
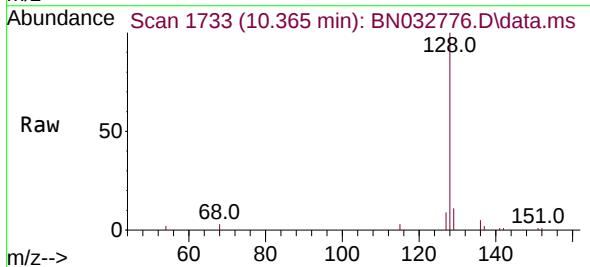
Instrument :
BNA_N
ClientSampleId :
YDZG4MS

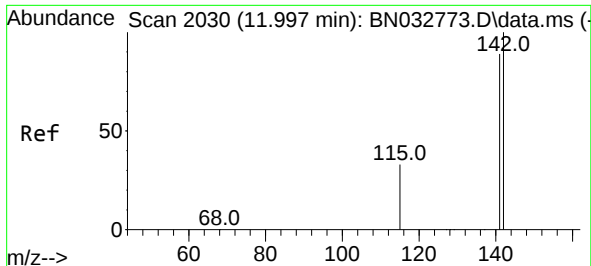
Tgt Ion: 88 Resp: 5511
Ion Ratio Lower Upper
88 100
43 50.0 24.0 36.0#
58 61.9 43.3 64.9



#5
Naphthalene
Concen: 0.511 ng/ul
RT: 10.365 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BN032776.D
Acq: 17 Jul 2024 13:01

Tgt Ion: 128 Resp: 18189
Ion Ratio Lower Upper
128 100
129 11.0 10.0 15.0
127 9.1 11.6 17.4#

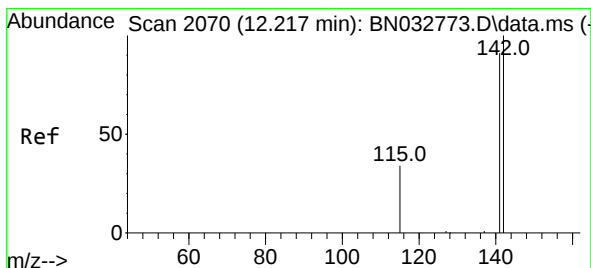
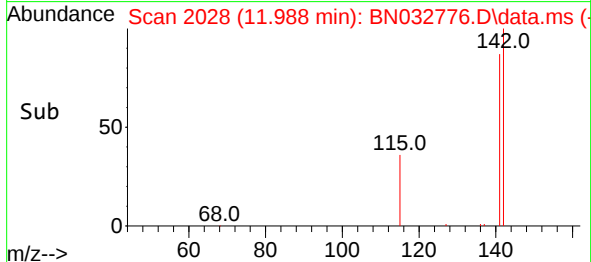
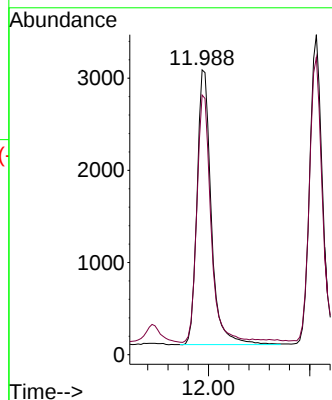
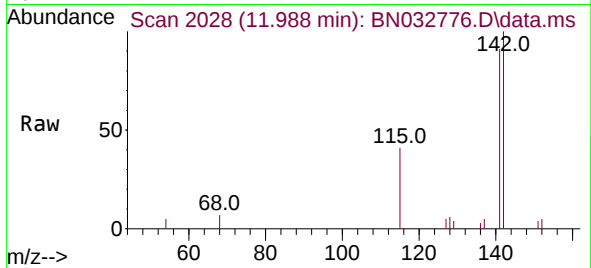




#7
2-Methylnaphthalene
Concen: 0.261 ng/ul
RT: 11.988 min Scan# 2069
Delta R.T. -0.017 min
Lab File: BN032776.D
Acq: 17 Jul 2024 13:01

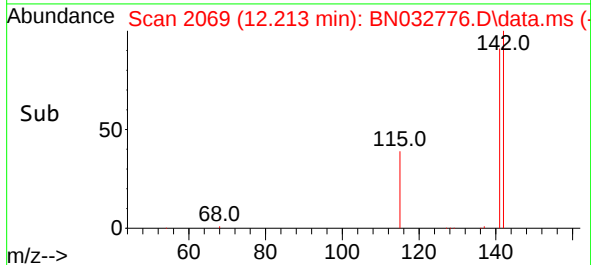
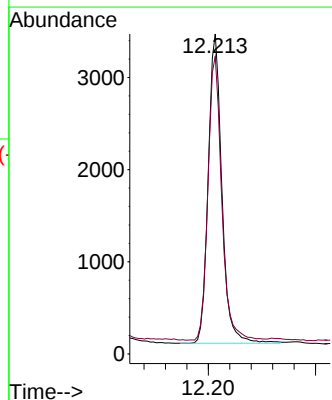
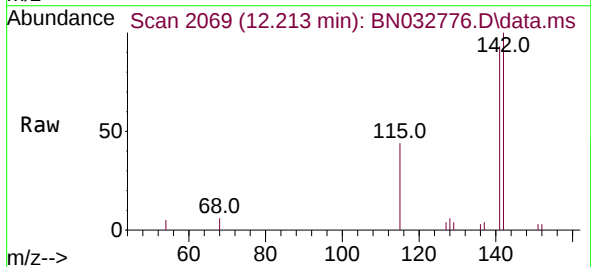
Instrument :
BNA_N
ClientSampleId :
YDZG4MS

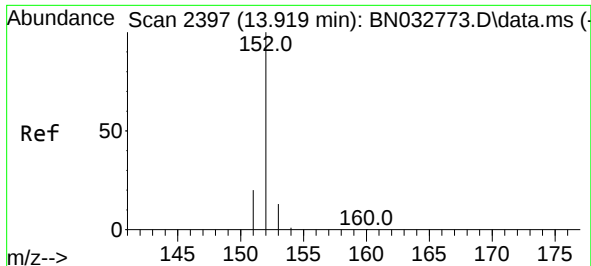
Tgt Ion:142 Resp: 5807
Ion Ratio Lower Upper
142 100
141 91.1 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN032776.D
Acq: 17 Jul 2024 13:01

Tgt Ion:142 Resp: 5936
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4

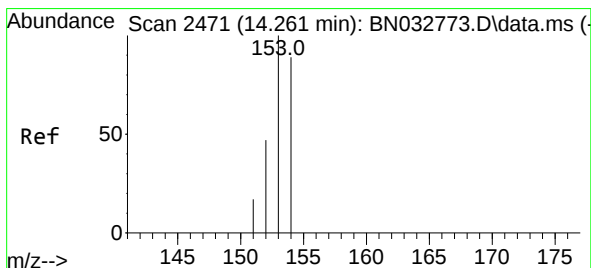
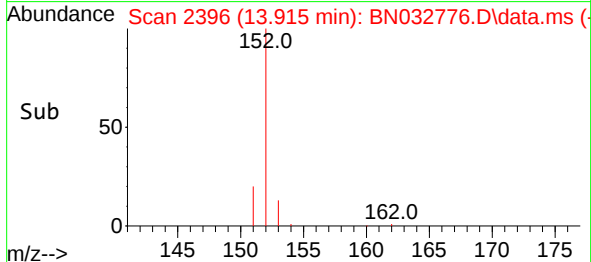
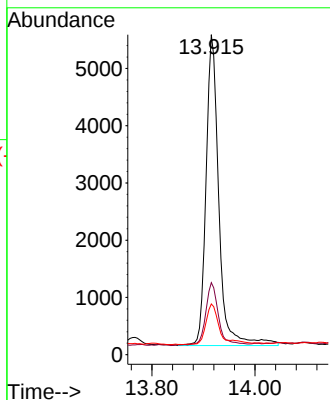
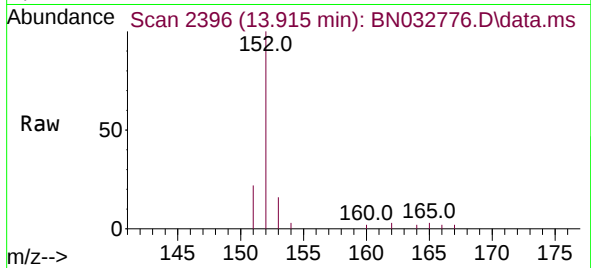




#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 13.915 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN032776.D
Acq: 17 Jul 2024 13:01

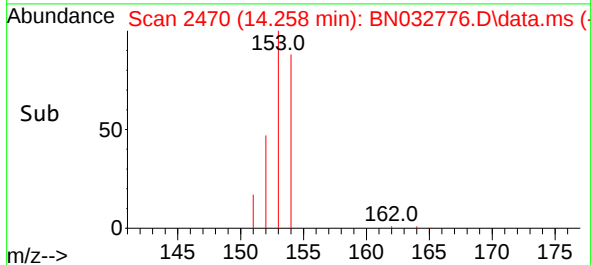
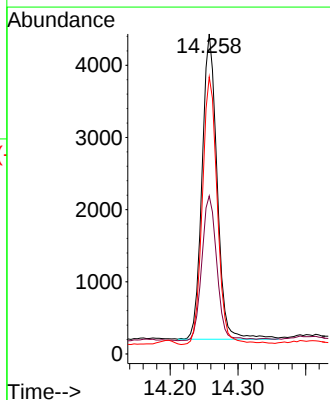
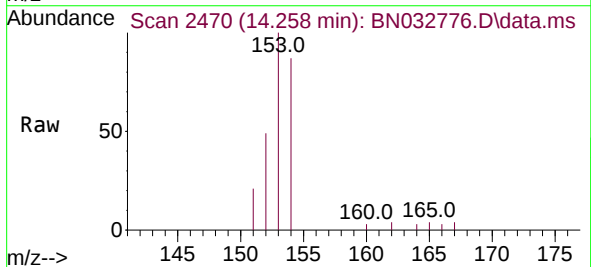
Instrument :
BNA_N
ClientSampleId :
YDZG4MS

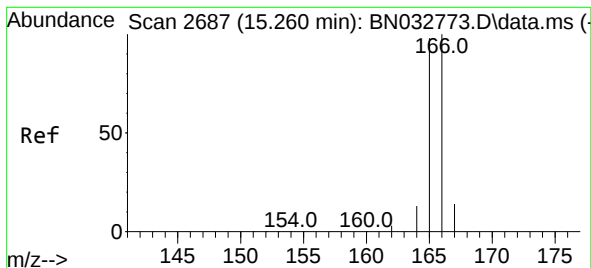
Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.5	16.3	24.5
153	15.9	11.3	16.9



#11
Acenaphthene
Concen: 0.273 ng/ul
RT: 14.258 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN032776.D
Acq: 17 Jul 2024 13:01

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.4	40.0	60.0
154	86.6	70.2	105.4





#12

Fluorene

Concen: 0.247 ng/ul

RT: 15.257 min Scan# 2

Delta R.T. -0.010 min

Lab File: BN032776.D

Acq: 17 Jul 2024 13:01

Instrument :

BNA_N

ClientSampleId :

YDZG4MS

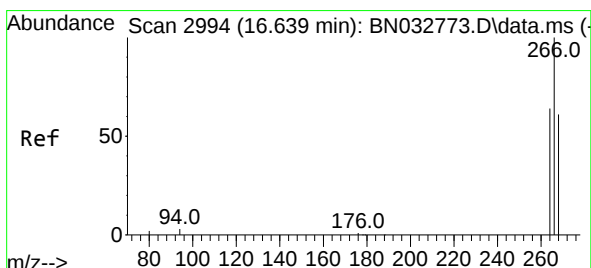
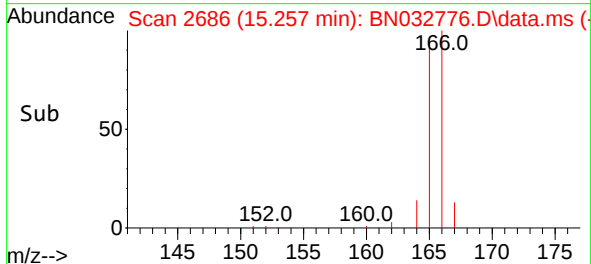
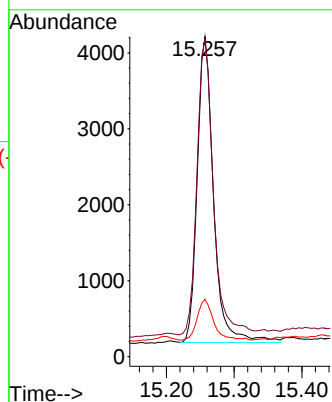
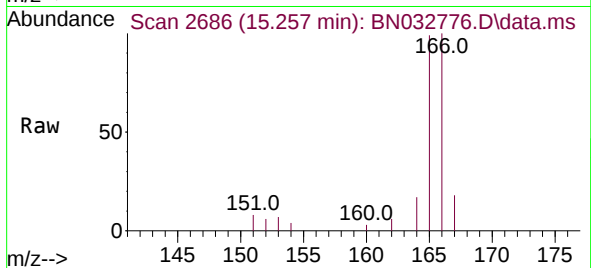
Tgt Ion:166 Resp: 6753

Ion Ratio Lower Upper

166 100

165 99.3 79.7 119.5

167 17.9 11.4 17.2#



#14

Pentachlorophenol

Concen: 1.073 ng/ul

RT: 16.632 min Scan# 2992

Delta R.T. -0.017 min

Lab File: BN032776.D

Acq: 17 Jul 2024 13:01

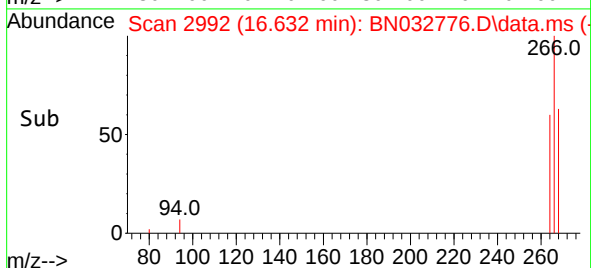
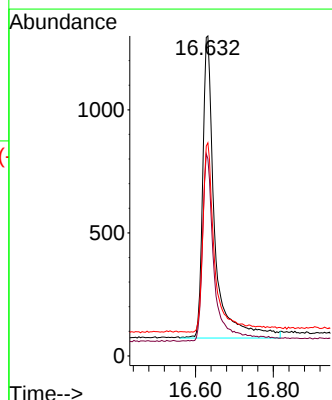
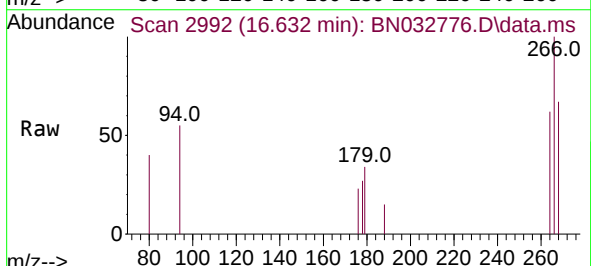
Tgt Ion:266 Resp: 2648

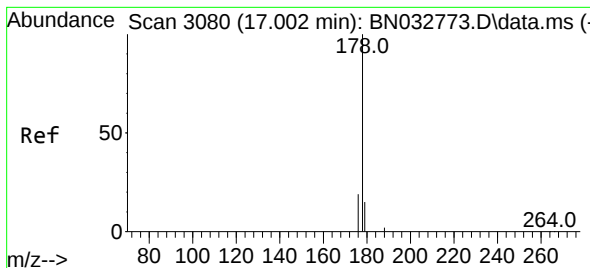
Ion Ratio Lower Upper

266 100

264 60.9 49.4 74.2

268 63.9 51.6 77.4





#15

Phenanthrene

Concen: 0.295 ng/ul

RT: 16.999 min Scan# 3080

Delta R.T. -0.009 min

Lab File: BN032776.D

Acq: 17 Jul 2024 13:01

Instrument :

BNA_N

ClientSampleId :

YDZG4MS

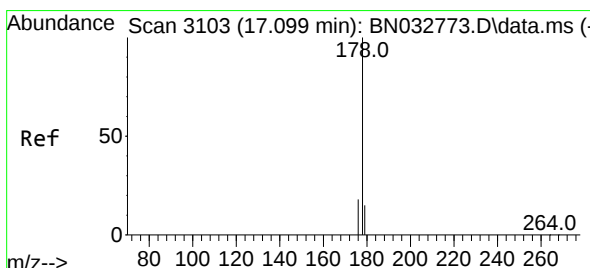
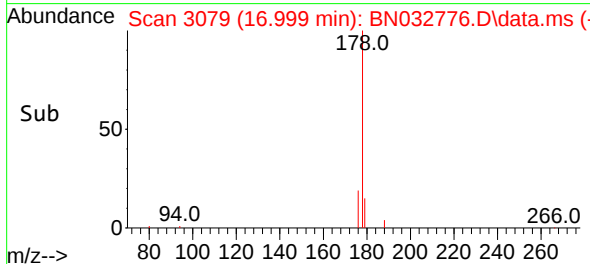
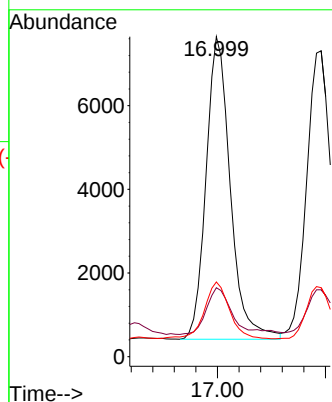
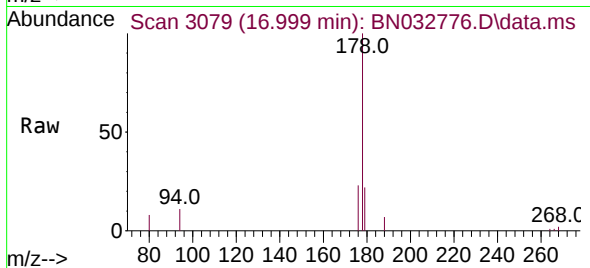
Tgt Ion:178 Resp: 11289

Ion Ratio Lower Upper

178 100

179 21.6 13.0 19.4#

176 23.3 15.6 23.4



#16

Anthracene

Concen: 0.376 ng/ul

RT: 17.096 min Scan# 3102

Delta R.T. -0.009 min

Lab File: BN032776.D

Acq: 17 Jul 2024 13:01

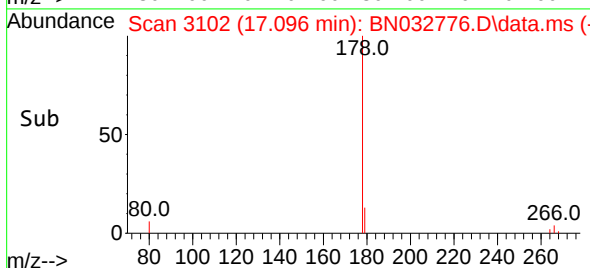
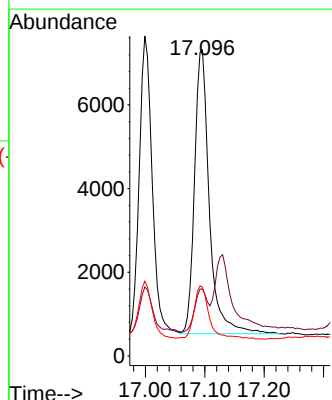
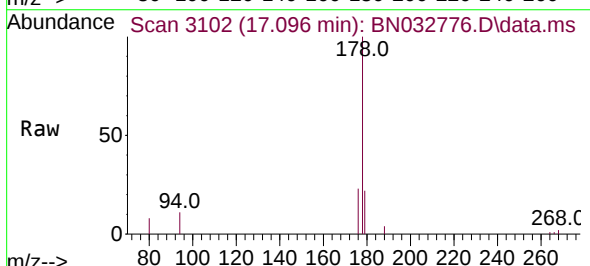
Tgt Ion:178 Resp: 11767

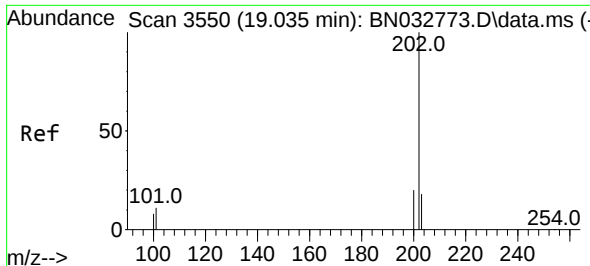
Ion Ratio Lower Upper

178 100

179 21.9 13.4 20.2#

176 22.6 15.4 23.0

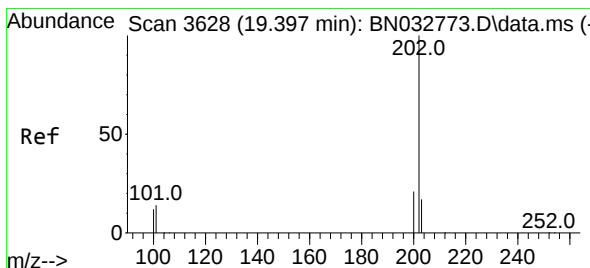
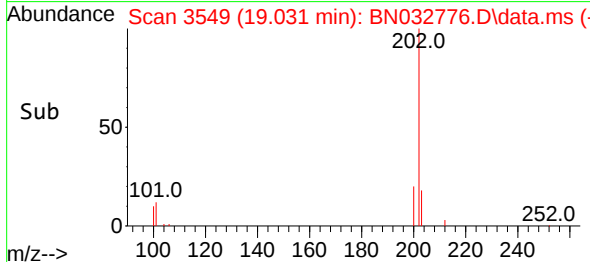
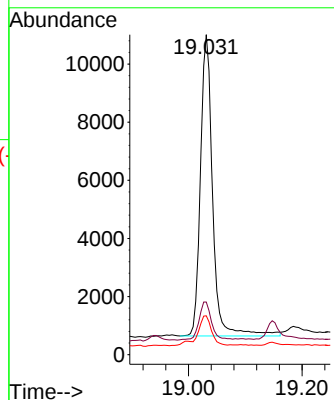
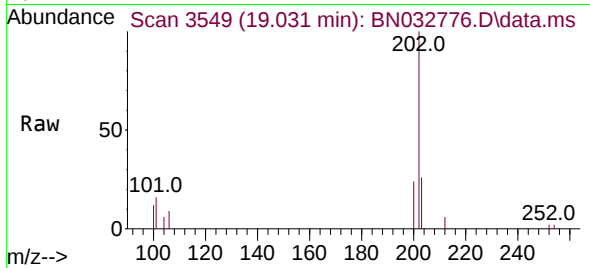




#19
Fluoranthene
Concen: 0.353 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.000 min
Lab File: BN032776.D
Acq: 17 Jul 2024 13:01

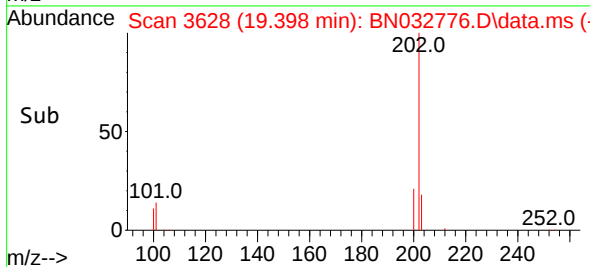
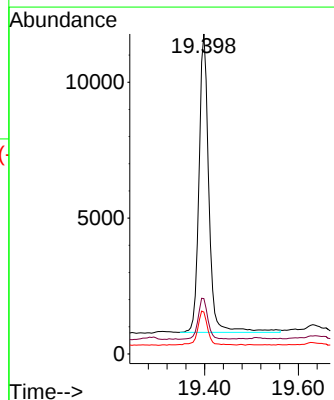
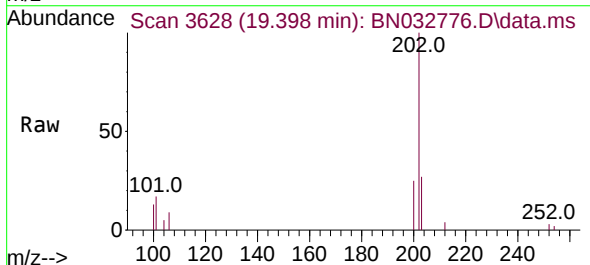
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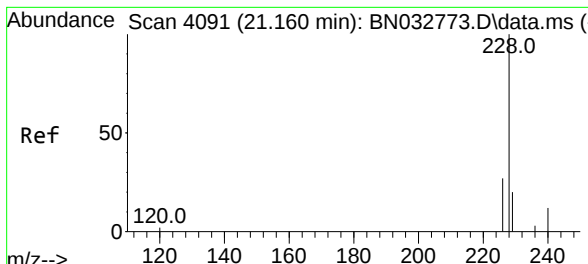
Tgt Ion:202 Resp: 15413
Ion Ratio Lower Upper
202 100
101 16.4 9.8 14.8#
100 12.2 7.9 11.9#



#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.398 min Scan# 3628
Delta R.T. -0.000 min
Lab File: BN032776.D
Acq: 17 Jul 2024 13:01

Tgt Ion:202 Resp: 16031
Ion Ratio Lower Upper
202 100
101 17.3 11.8 17.6
100 13.1 9.6 14.4

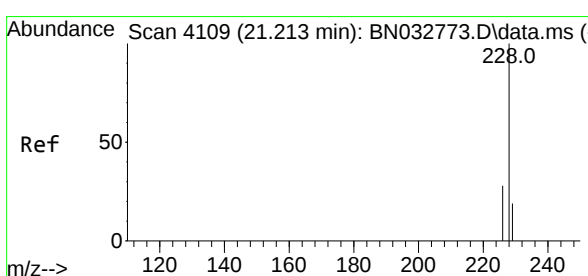
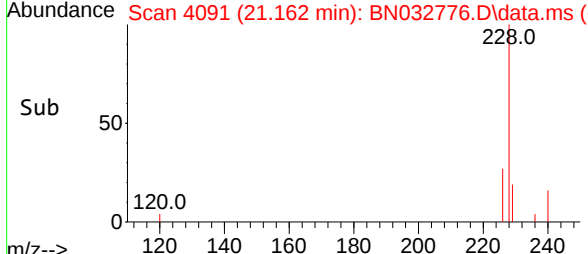
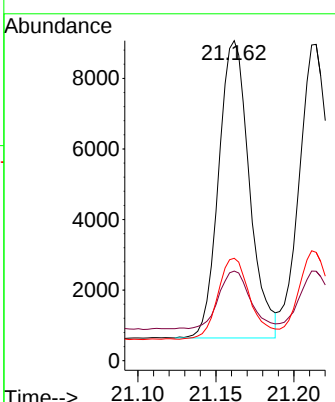
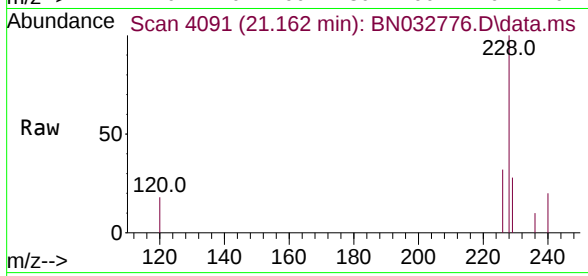




#21
 Benzo(a)anthracene
 Concen: 0.338 ng/ul
 RT: 21.162 min Scan# 4091
 Delta R.T. 0.003 min
 Lab File: BN032776.D
 Acq: 17 Jul 2024 13:01

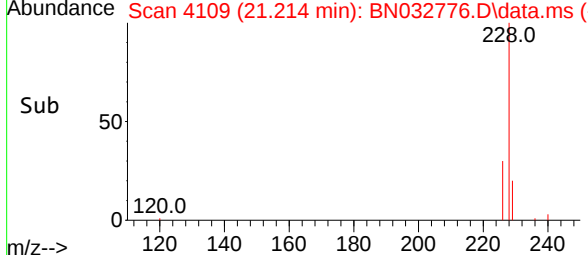
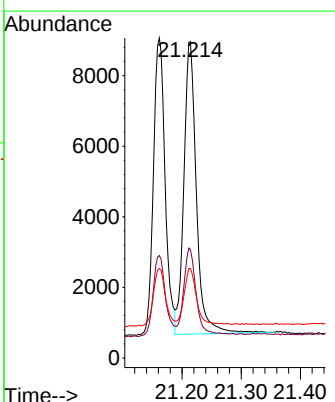
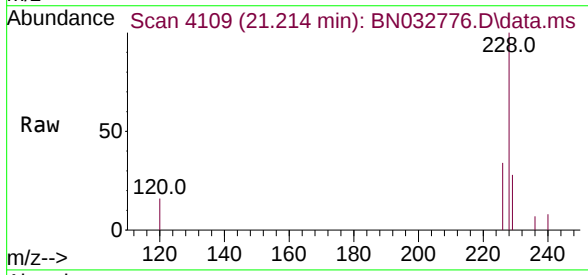
Instrument : BNA_N
 ClientSampleId : YDZG4MS

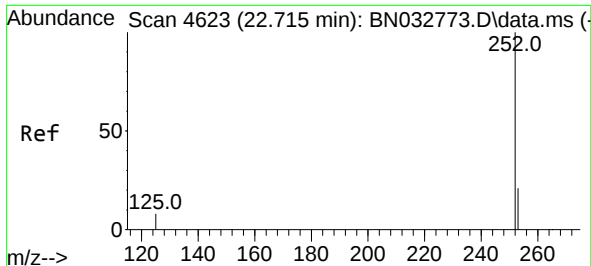
Tgt Ion:	228	Resp:	11574
Ion Ratio	Lower	Upper	
228	100		
229	28.0	16.1	24.1#
226	32.0	21.9	32.9



#22
 Chrysene
 Concen: 0.246 ng/ul
 RT: 21.214 min Scan# 4109
 Delta R.T. 0.003 min
 Lab File: BN032776.D
 Acq: 17 Jul 2024 13:01

Tgt Ion:	228	Resp:	12156
Ion Ratio	Lower	Upper	
228	100		
226	34.3	24.0	36.0
229	28.3	15.8	23.6#

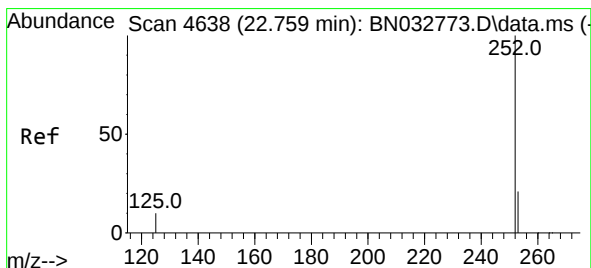
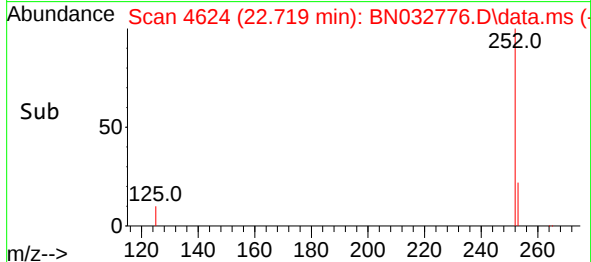
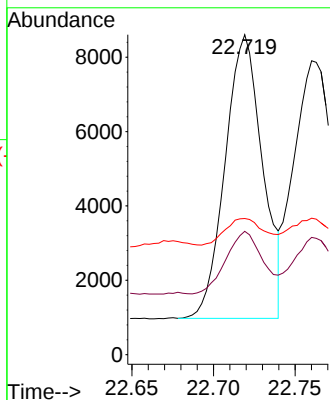
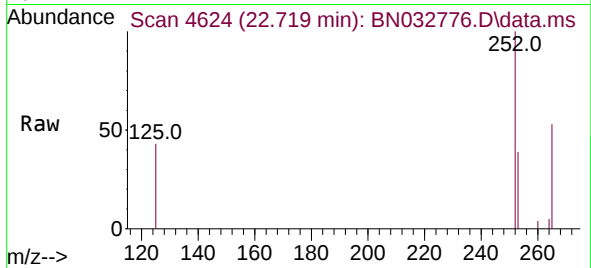




#24
Benzo(b)fluoranthene
Concen: 0.267 ng/ul
RT: 22.719 min Scan# 4624
Delta R.T. 0.009 min
Lab File: BN032776.D
Acq: 17 Jul 2024 13:01

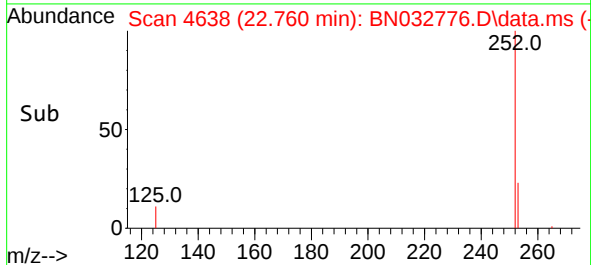
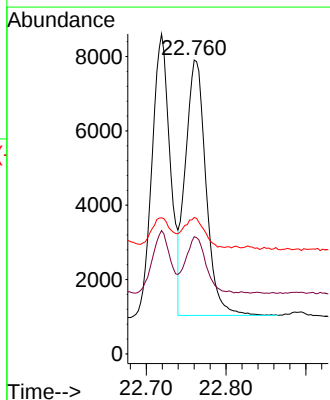
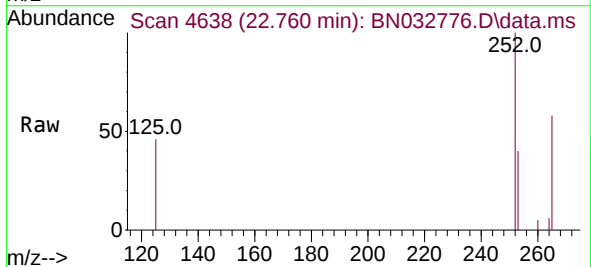
Instrument :
BNA_N
ClientSampleId :
YDZG4MS

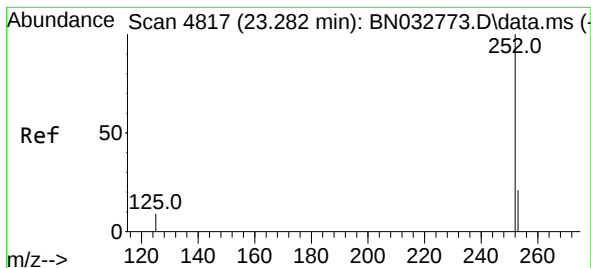
Tgt Ion:252 Resp: 12191
Ion Ratio Lower Upper
252 100
253 38.5 0.0 54.0
125 42.6 0.0 36.0#



#25
Benzo(k)fluoranthene
Concen: 0.222 ng/ul
RT: 22.760 min Scan# 4638
Delta R.T. 0.006 min
Lab File: BN032776.D
Acq: 17 Jul 2024 13:01

Tgt Ion:252 Resp: 12334
Ion Ratio Lower Upper
252 100
253 39.9 21.2 31.8#
125 46.4 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.283 ng/ul

RT: 23.283 min Scan# 4817

Delta R.T. 0.006 min

Lab File: BN032776.D

Acq: 17 Jul 2024 13:01

Instrument :

BNA_N

ClientSampleId :

YDZG4MS

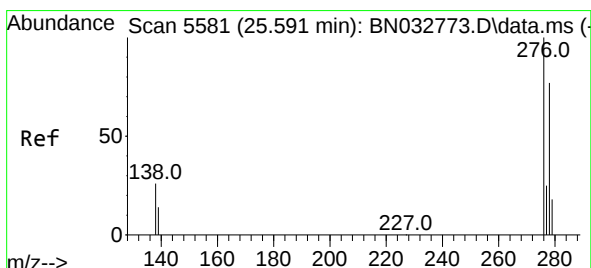
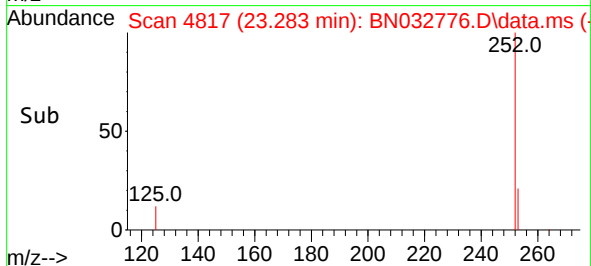
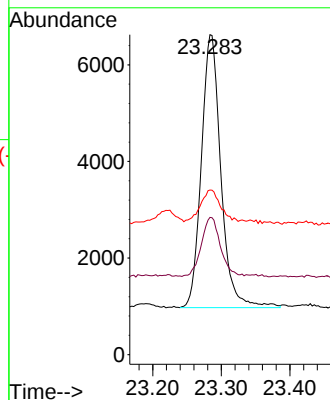
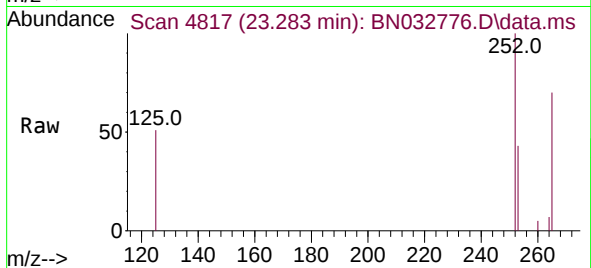
Tgt Ion:252 Resp: 11178

Ion Ratio Lower Upper

252 100

253 42.9 25.4 38.0#

125 51.4 20.6 30.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.281 ng/ul

RT: 25.596 min Scan# 5582

Delta R.T. 0.013 min

Lab File: BN032776.D

Acq: 17 Jul 2024 13:01

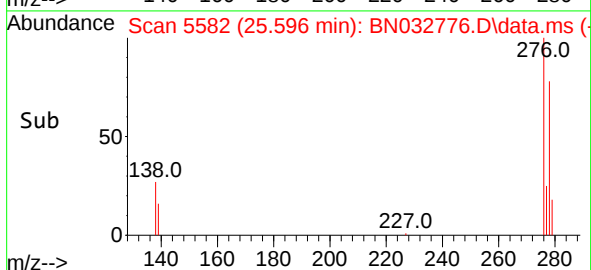
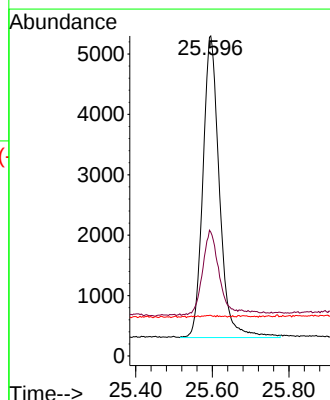
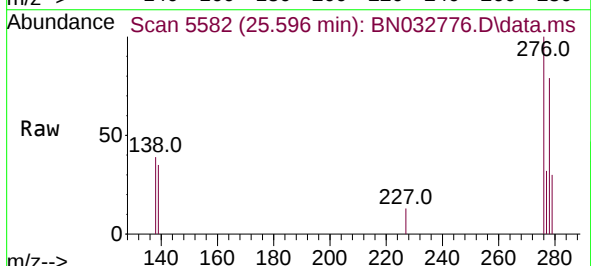
Tgt Ion:276 Resp: 14990

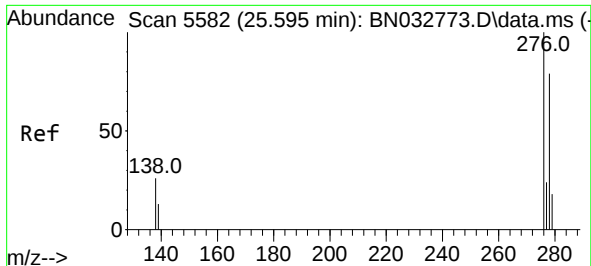
Ion Ratio Lower Upper

276 100

138 29.0 21.6 32.4

227 0.2 0.0 0.0#

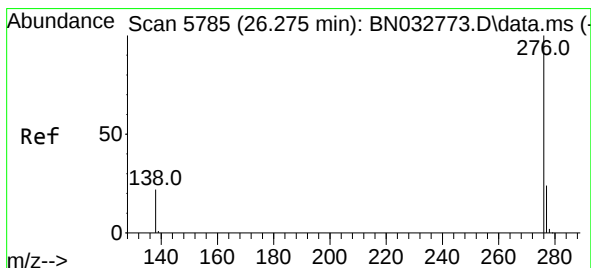
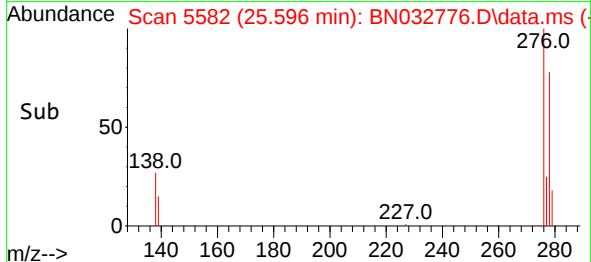
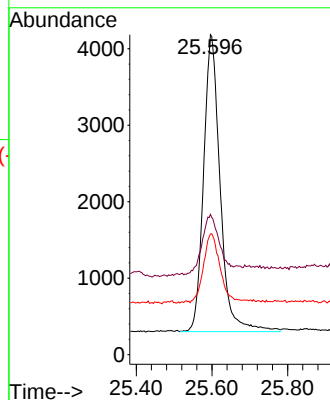
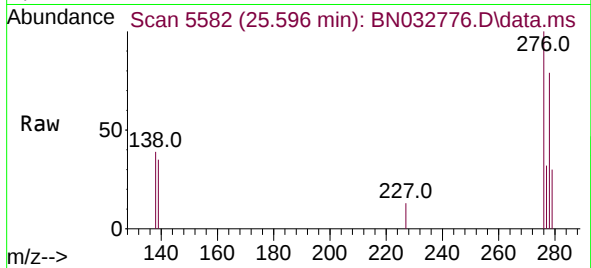




#28
Dibenzo(a,h)anthracene
Concen: 0.285 ng/ul
RT: 25.596 min Scan# 51
Delta R.T. 0.006 min
Lab File: BN032776.D
Acq: 17 Jul 2024 13:01

Instrument :
BNA_N
ClientSampleId :
YDZG4MS

Tgt Ion:278 Resp: 11804
Ion Ratio Lower Upper
278 100
139 43.8 16.6 24.8#
279 37.7 23.7 35.5#



#29
Benzo(g,h,i)perylene
Concen: 0.261 ng/ul
RT: 26.280 min Scan# 5786
Delta R.T. 0.020 min
Lab File: BN032776.D
Acq: 17 Jul 2024 13:01

Tgt Ion:276 Resp: 11659
Ion Ratio Lower Upper
276 100
138 39.1 21.0 31.4#
277 32.6 20.6 31.0#

