

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032715.D
 Acq On : 13 Jul 2024 18:09
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4260

Quant Time: Jul 15 08:58:31 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

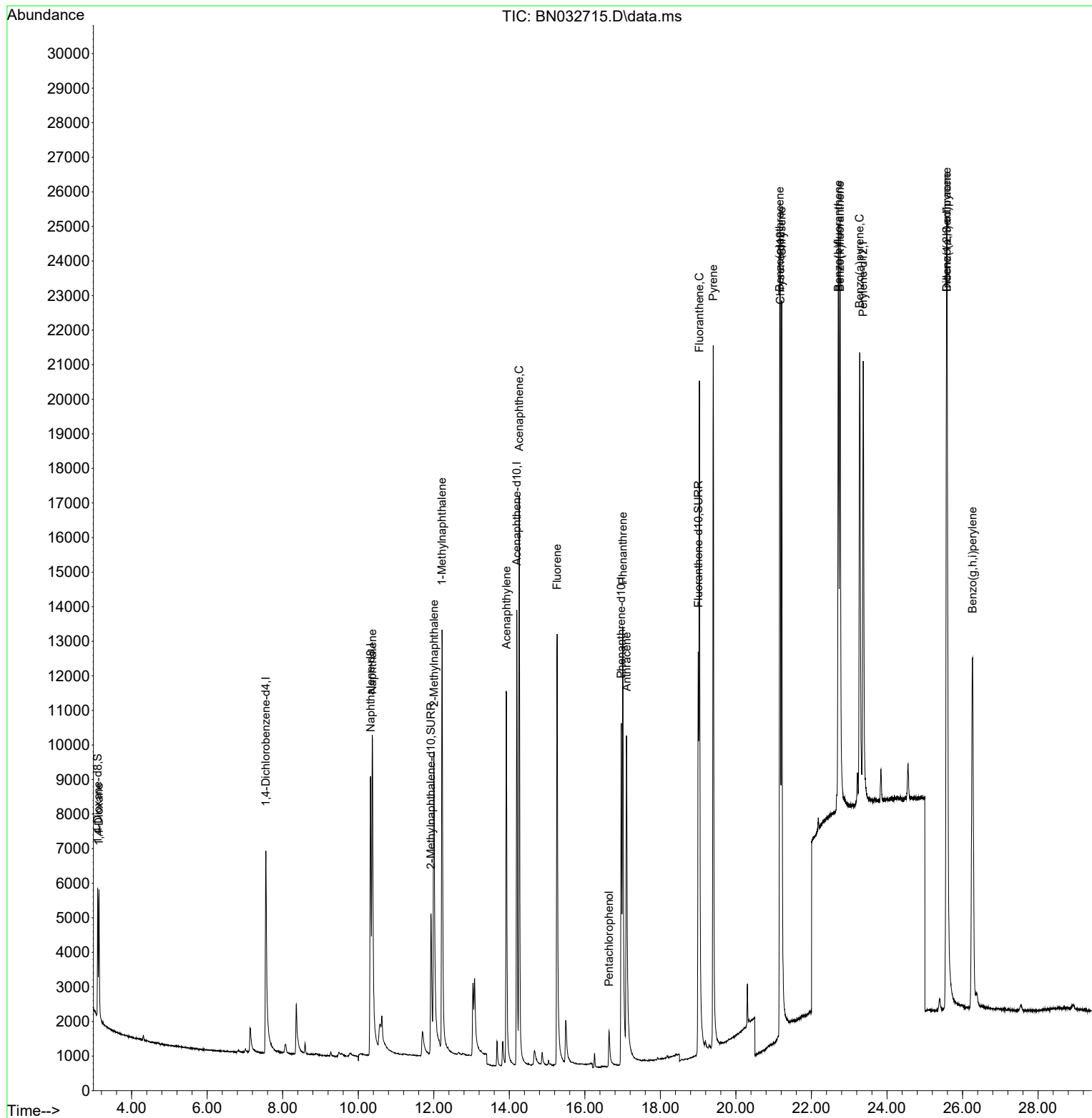
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5329	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.327	136	16096	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.198	164	8332	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.965	188	15898	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	14469	0.400	ng/ul	-0.02
23) Perylene-d12	23.371	264	17908	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	2536	0.396	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	9006	0.370	ng/ul	-0.04
18) Fluoranthene-d10	19.003	212	16885	0.358	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.135	88	2654	0.364	ng/ul#	86
5) Naphthalene	10.376	128	17178	0.397	ng/ul	98
7) 2-Methylnaphthalene	12.004	142	10277	0.381	ng/ul	99
8) 1-Methylnaphthalene	12.219	142	10838	0.388	ng/ul	99
10) Acenaphthylene	13.925	152	15536	0.462	ng/ul	99
11) Acenaphthene	14.262	153	11160	0.401	ng/ul	100
12) Fluorene	15.266	166	11523	0.362	ng/ul	99
14) Pentachlorophenol	16.640	266	1361	0.488	ng/ul	99
15) Phenanthrene	17.007	178	16723	0.386	ng/ul	100
16) Anthracene	17.105	178	15849	0.448	ng/ul	100
19) Fluoranthene	19.036	202	21096	0.359	ng/ul	99
20) Pyrene	19.398	202	22209	0.365	ng/ul	100
21) Benzo(a)anthracene	21.162	228	20363	0.442	ng/ul	99
22) Chrysene	21.211	228	23675	0.355	ng/ul	98
24) Benzo(b)fluoranthene	22.710	252	22908	0.363	ng/ul	95
25) Benzo(k)fluoranthene	22.757	252	24843	0.323	ng/ul	95
26) Benzo(a)pyrene	23.278	252	22979	0.420	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.582	276	28837	0.389	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.586	278	23043	0.402	ng/ul	97
29) Benzo(g,h,i)perylene	26.267	276	23534	0.380	ng/ul	98

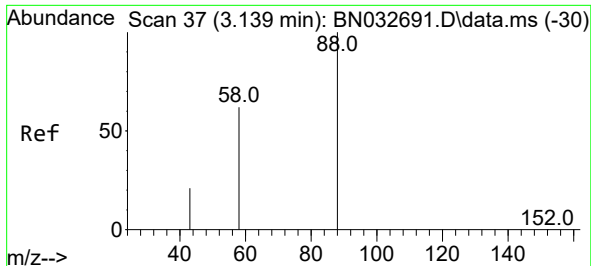
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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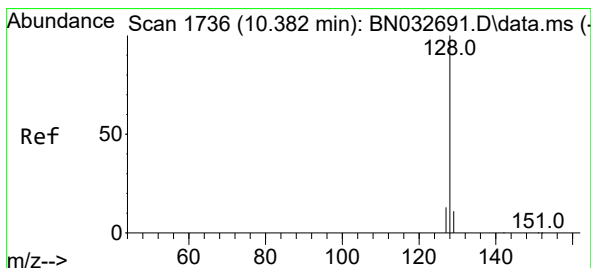
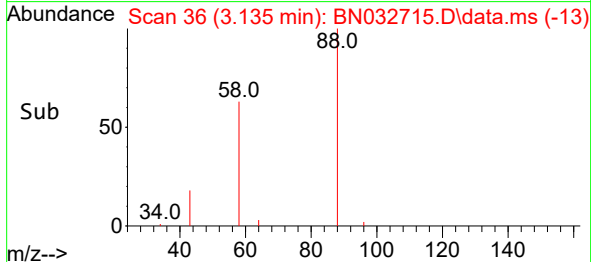
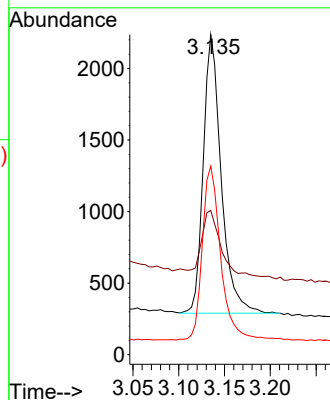
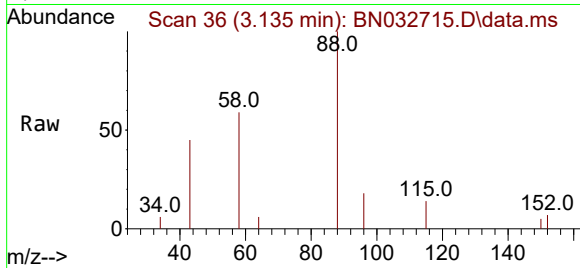




#2
1,4-Dioxane
Concen: 0.364 ng/ul
RT: 3.135 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

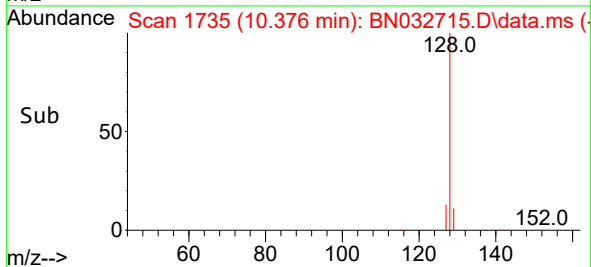
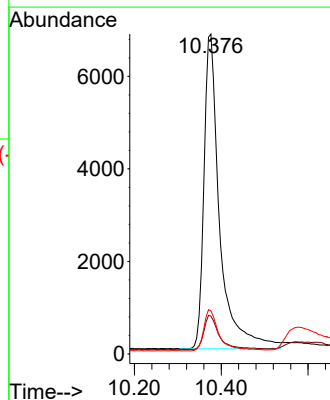
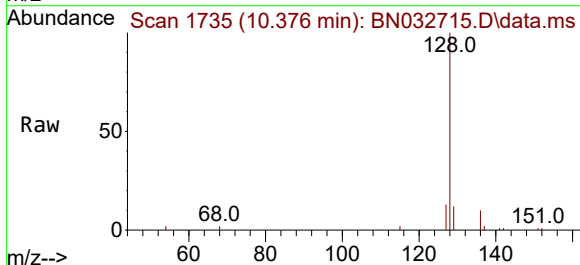
Instrument :
BNA_N
ClientSampleId :
SSTD0.4260

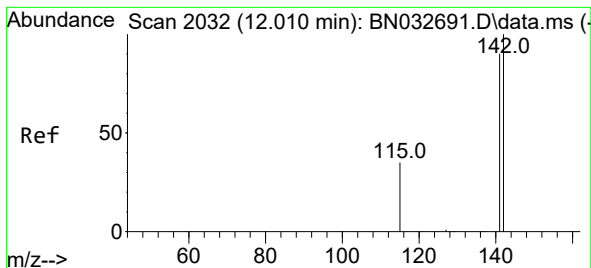
Tgt Ion: 88 Resp: 2654
Ion Ratio Lower Upper
88 100
43 45.1 24.0 36.0#
58 58.9 43.3 64.9



#5
Naphthalene
Concen: 0.397 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

Tgt Ion: 128 Resp: 17178
Ion Ratio Lower Upper
128 100
129 11.9 10.0 15.0
127 13.5 11.6 17.4

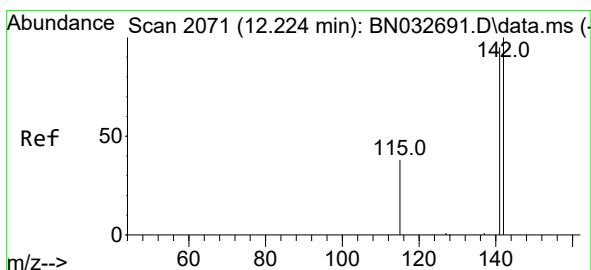
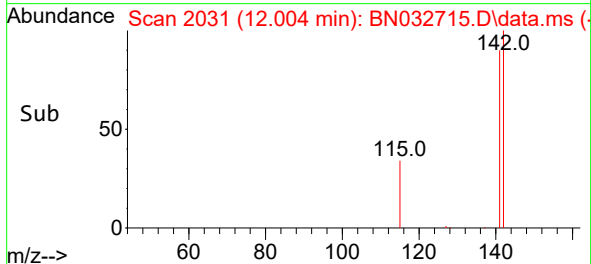
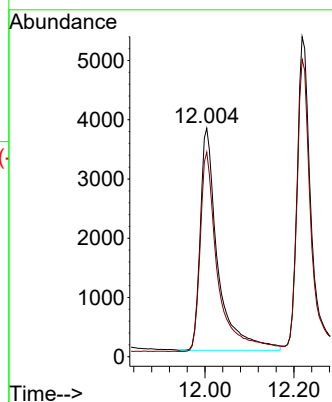
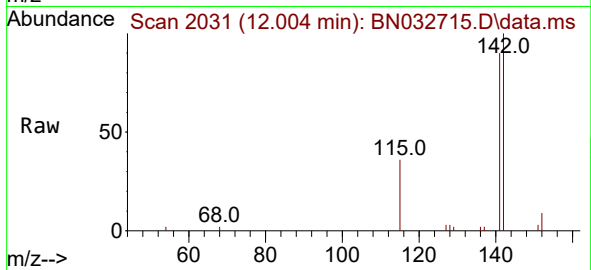




#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

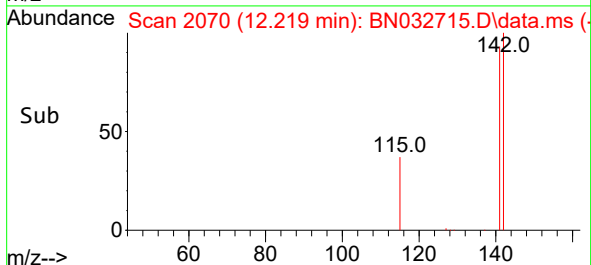
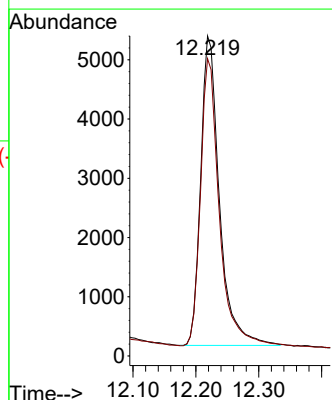
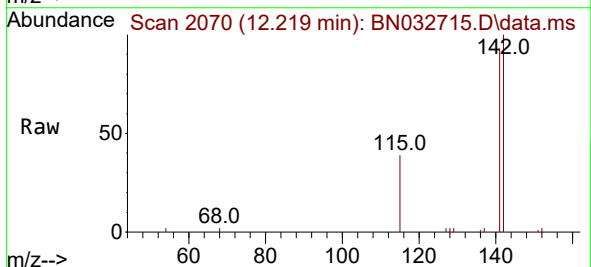
Instrument :
BNA_N
ClientSampleId :
SSTD0.4260

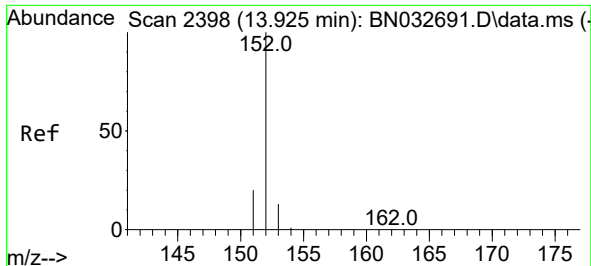
Tgt Ion:142 Resp: 10277
Ion Ratio Lower Upper
142 100
141 91.1 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.219 min Scan# 2070
Delta R.T. -0.028 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

Tgt Ion:142 Resp: 10838
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4

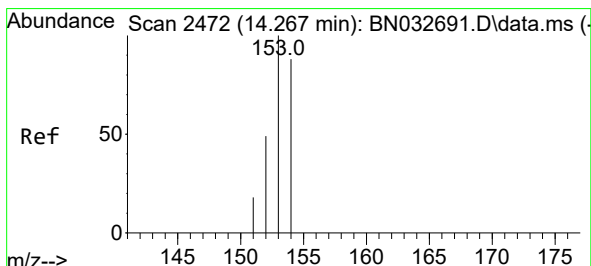
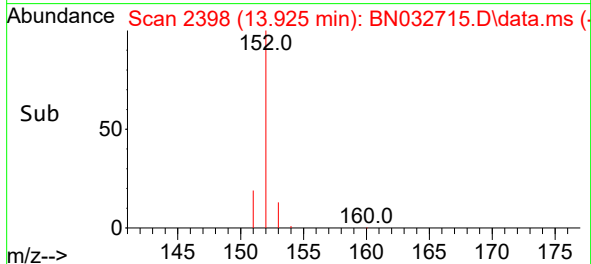
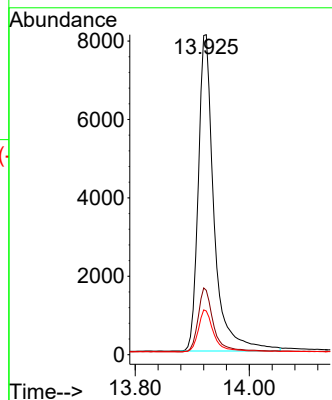
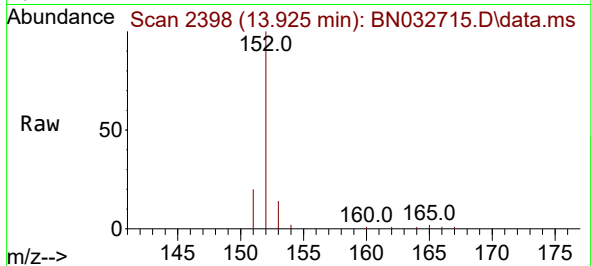




#10
Acenaphthylene
Concen: 0.462 ng/ul
RT: 13.925 min Scan# 21
Delta R.T. -0.019 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

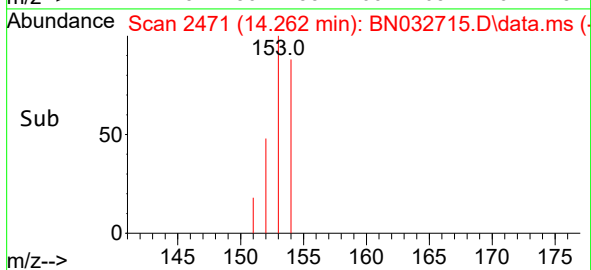
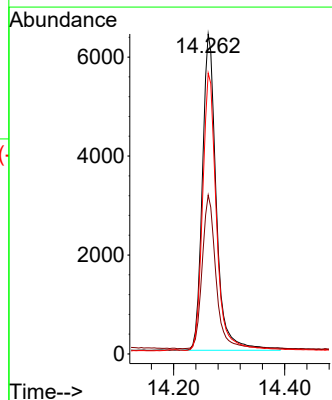
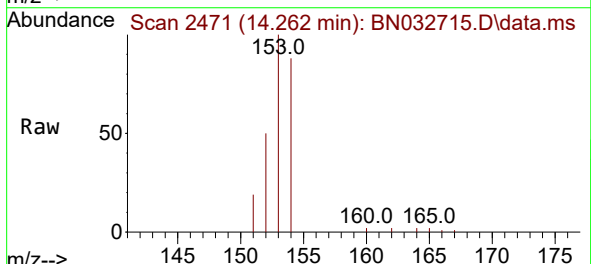
Instrument :
BNA_N
ClientSampleId :
SSTD0.4260

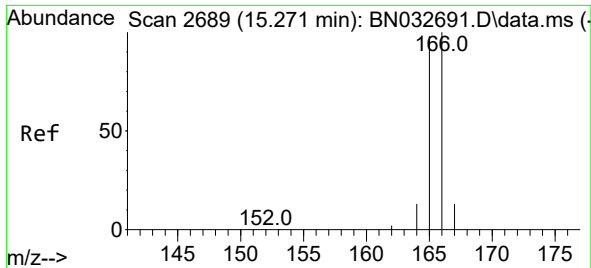
Tgt Ion:152 Resp: 15536
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.7 11.3 16.9



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.019 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

Tgt Ion:153 Resp: 11160
Ion Ratio Lower Upper
153 100
152 49.6 40.0 60.0
154 87.8 70.2 105.4

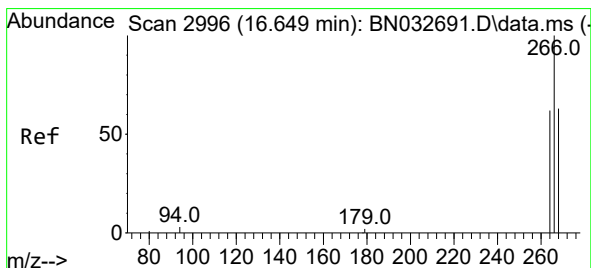
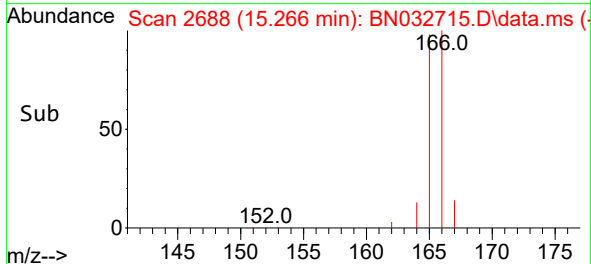
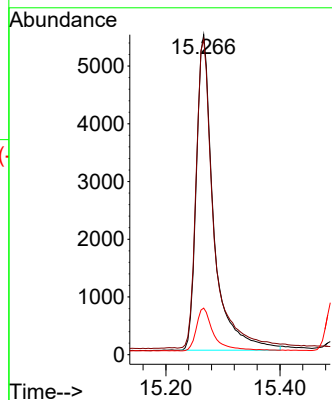
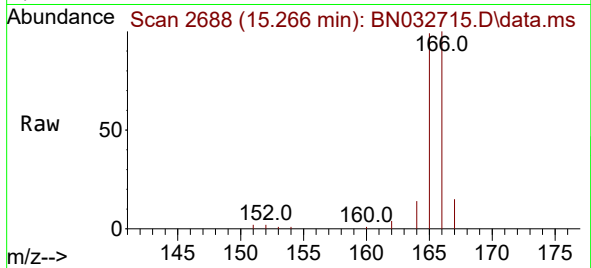




#12
Fluorene
Concen: 0.362 ng/ul
RT: 15.266 min Scan# 2094
Delta R.T. -0.023 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

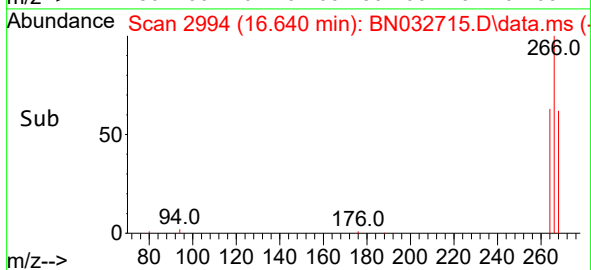
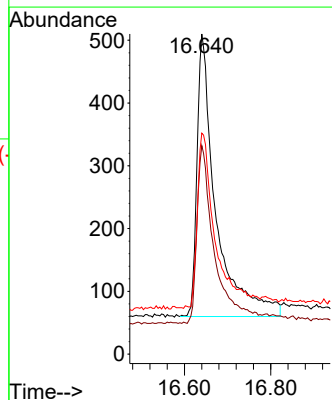
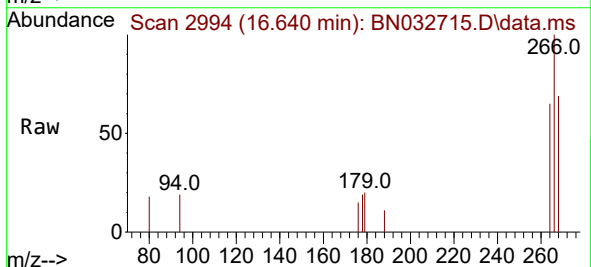
Instrument :
BNA_N
ClientSampleId :
SSTD0.4260

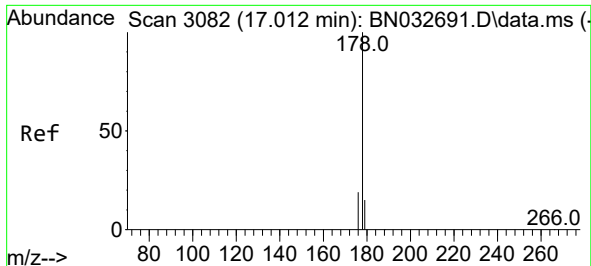
Tgt Ion:166 Resp: 11523
Ion Ratio Lower Upper
166 100
165 98.5 79.7 119.5
167 14.5 11.4 17.2



#14
Pentachlorophenol
Concen: 0.488 ng/ul
RT: 16.640 min Scan# 2994
Delta R.T. -0.030 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

Tgt Ion:266 Resp: 1361
Ion Ratio Lower Upper
266 100
264 62.0 49.4 74.2
268 63.3 51.6 77.4

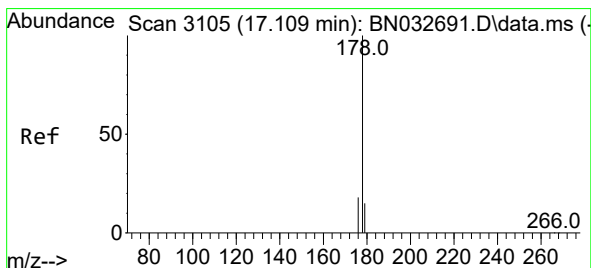
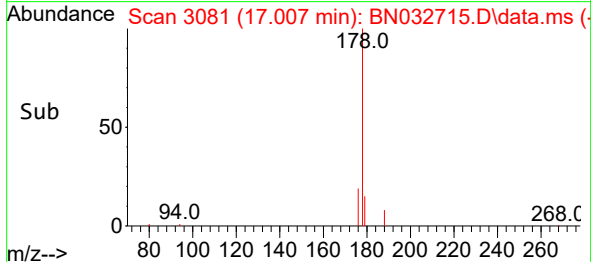
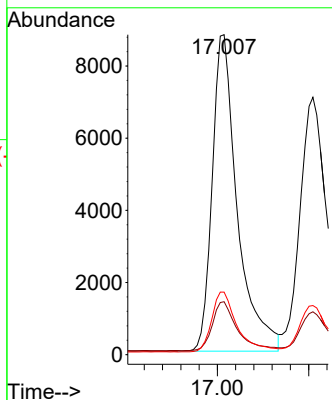
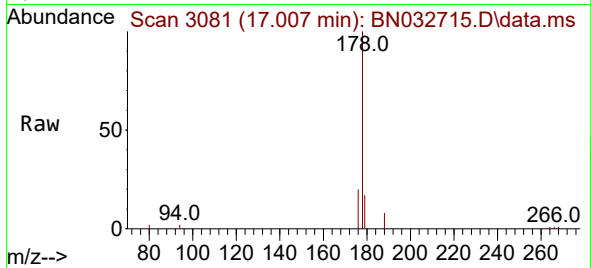




#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.007 min Scan# 3081
Delta R.T. -0.021 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

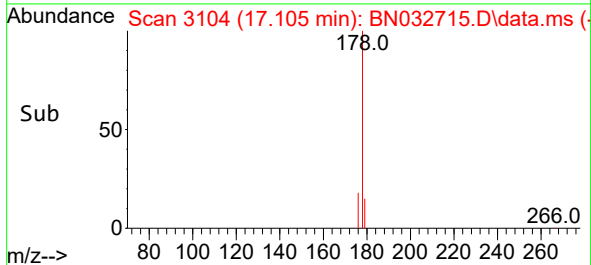
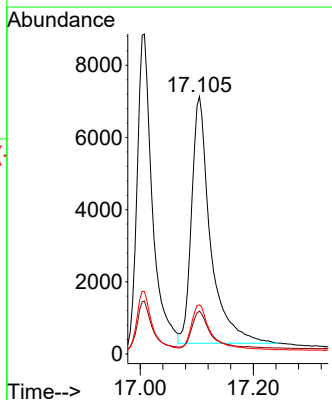
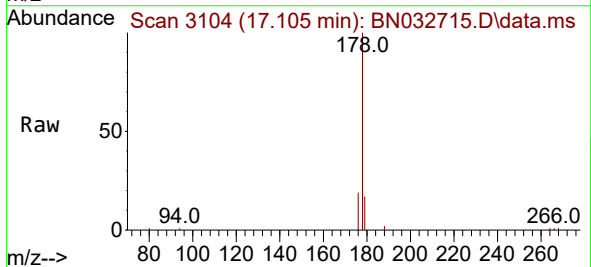
Instrument :
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ClientSampleId :
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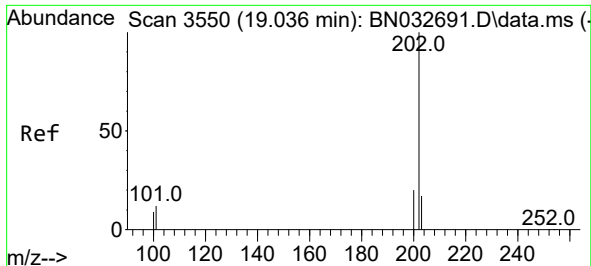
Tgt Ion:	178	Resp:	16723
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.0	19.4
176	19.5	15.6	23.4



#16
Anthracene
Concen: 0.448 ng/ul
RT: 17.105 min Scan# 3104
Delta R.T. -0.034 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

Tgt Ion:	178	Resp:	15849
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.4	20.2
176	19.1	15.4	23.0

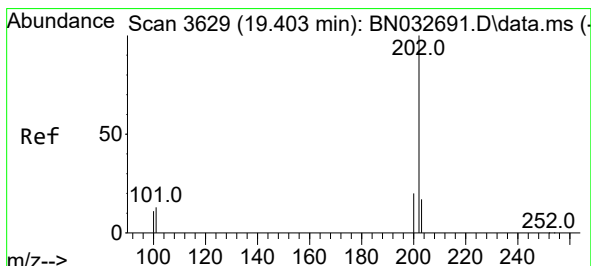
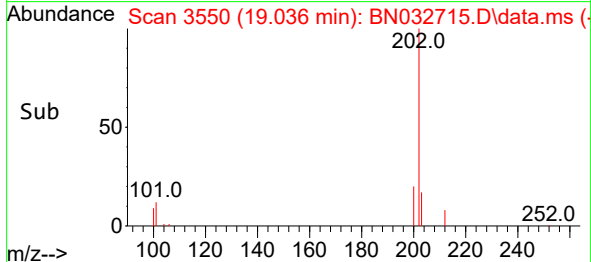
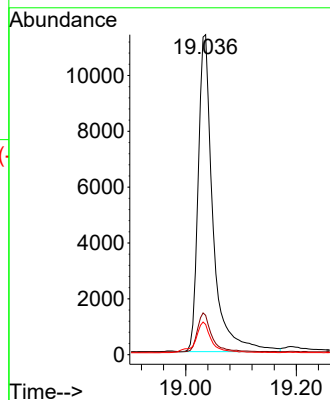
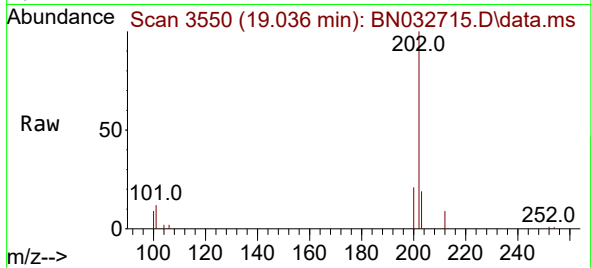




#19
Fluoranthene
Concen: 0.359 ng/ul
RT: 19.036 min Scan# 3550
Delta R.T. -0.019 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

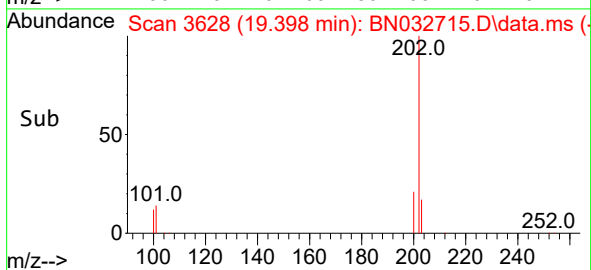
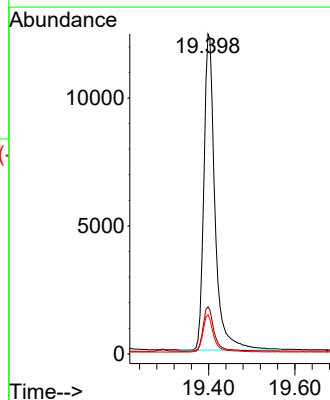
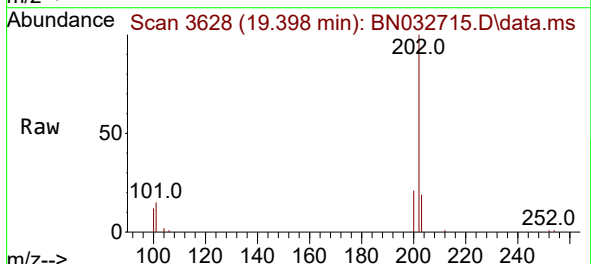
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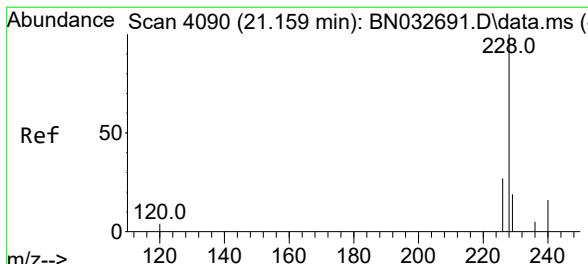
Tgt Ion:202 Resp: 21096
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.5 7.9 11.9



#20
Pyrene
Concen: 0.365 ng/ul
RT: 19.398 min Scan# 3628
Delta R.T. -0.023 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

Tgt Ion:202 Resp: 22209
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 12.3 9.6 14.4

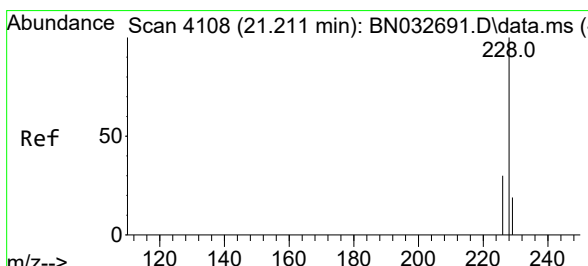
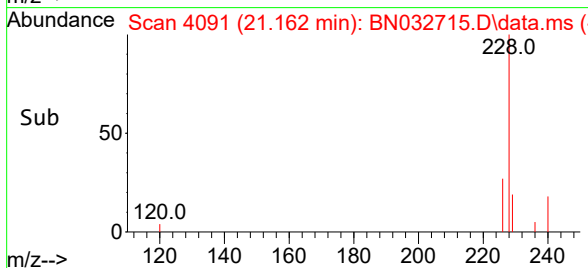
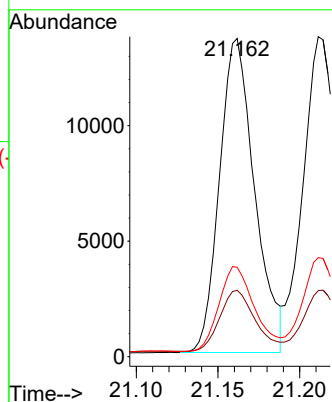
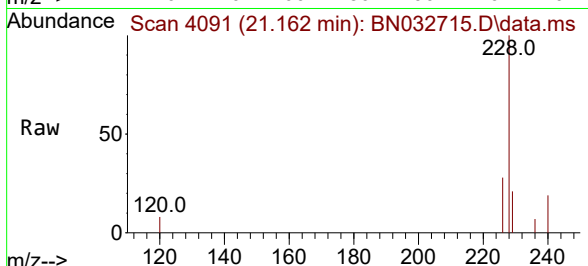




#21
Benzo(a)anthracene
Concen: 0.442 ng/ul
RT: 21.162 min Scan# 4091
Delta R.T. -0.020 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

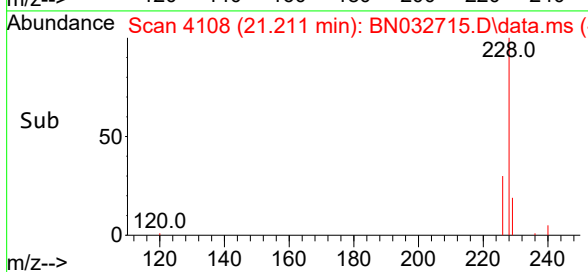
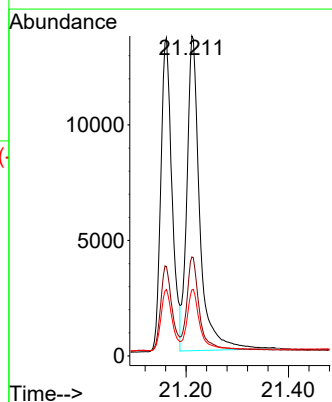
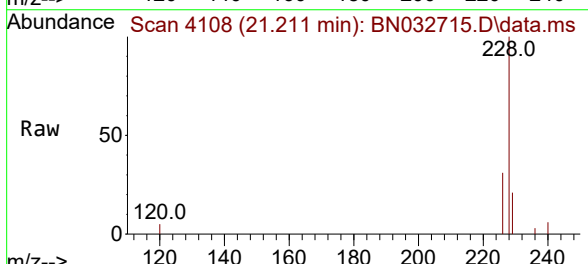
Instrument :
BNA_N
ClientSampleId :
SSTD0.4260

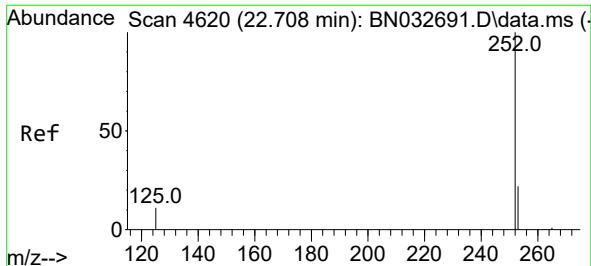
Tgt Ion:228 Resp: 20363
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 28.1 21.9 32.9



#22
Chrysene
Concen: 0.355 ng/ul
RT: 21.211 min Scan# 4108
Delta R.T. -0.020 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

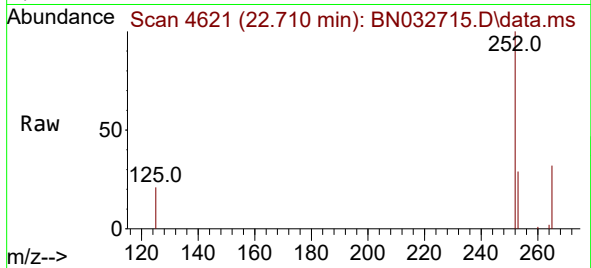
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Ion Ratio Lower Upper
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226 31.0 24.0 36.0
229 20.6 15.8 23.6



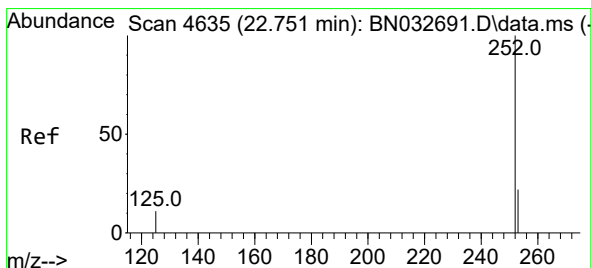
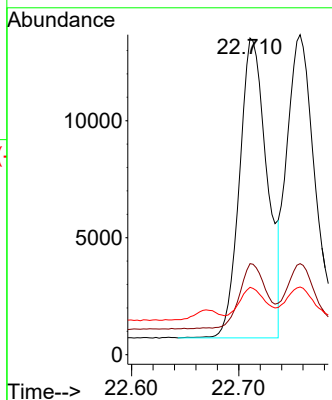


#24
Benzo(b)fluoranthene
Concen: 0.363 ng/ul
RT: 22.710 min Scan# 4621
Delta R.T. -0.023 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

Instrument :
BNA_N
ClientSampleId :
SSTD0.4260

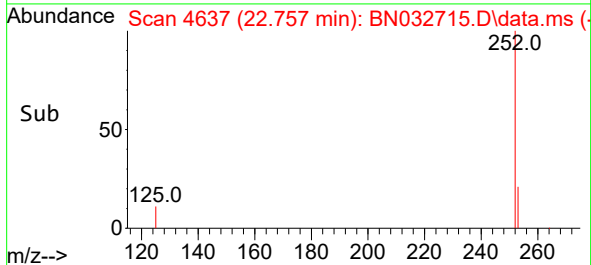
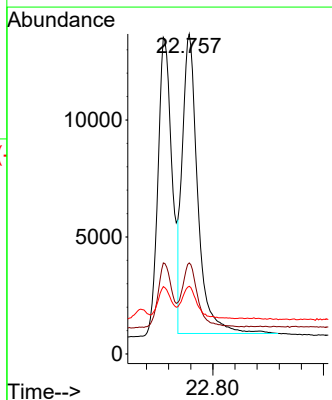
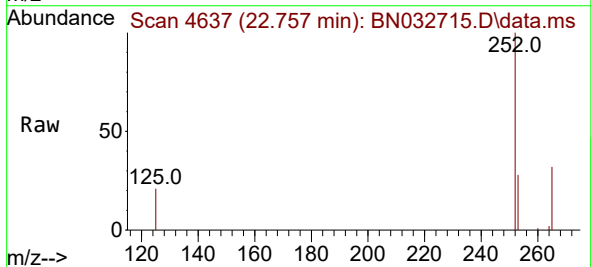


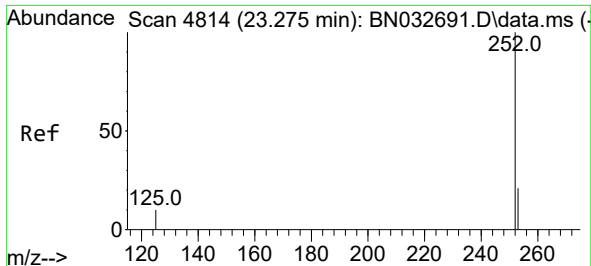
Tgt Ion:252 Resp: 22908
Ion Ratio Lower Upper
252 100
253 28.8 0.0 54.0
125 21.3 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.323 ng/ul
RT: 22.757 min Scan# 4637
Delta R.T. -0.020 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

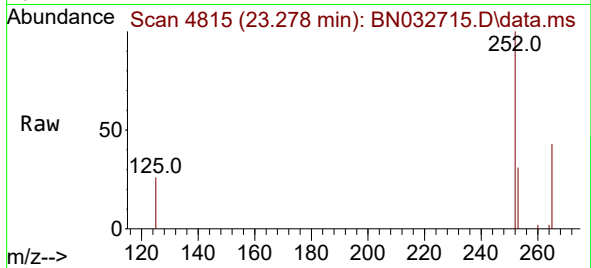
Tgt Ion:252 Resp: 24843
Ion Ratio Lower Upper
252 100
253 28.4 21.2 31.8
125 21.2 14.8 22.2



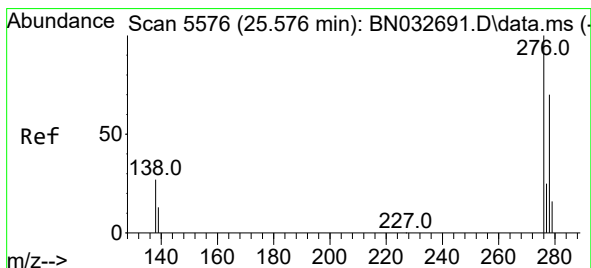
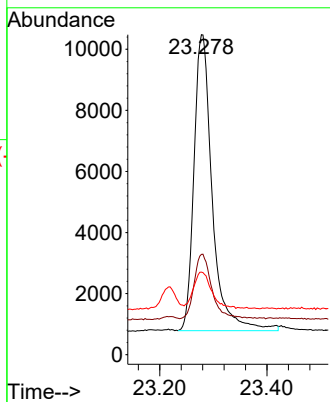
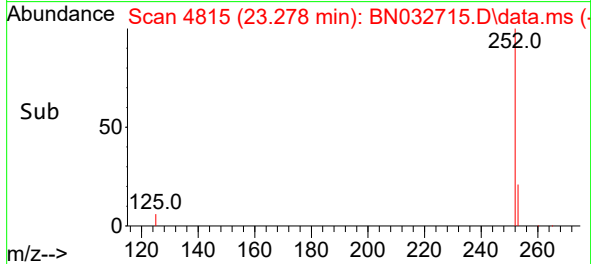


#26
Benzo(a)pyrene
Concen: 0.420 ng/ul
RT: 23.278 min Scan# 4815
Delta R.T. -0.032 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

Instrument :
BNA_N
ClientSampleId :
SSTD0.4260

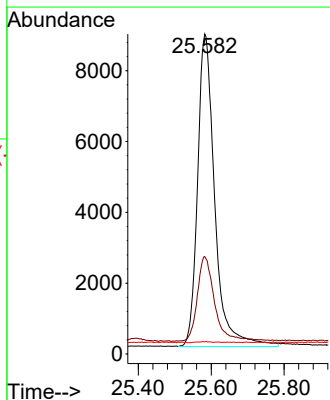
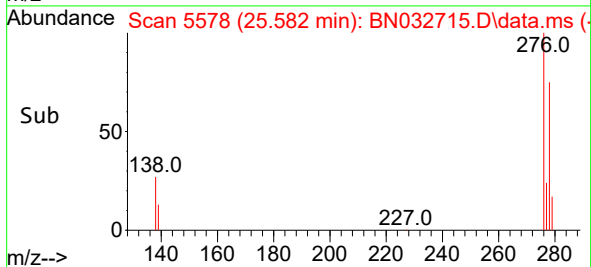
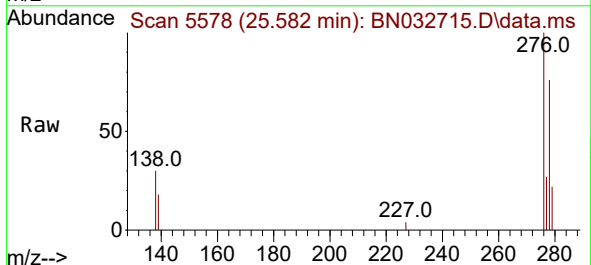


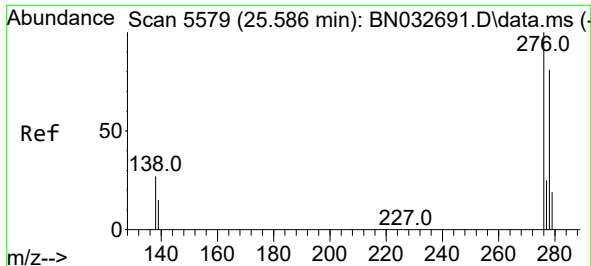
Tgt Ion:252 Resp: 22979
Ion Ratio Lower Upper
252 100
253 31.4 25.4 38.0
125 25.8 20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 25.582 min Scan# 5578
Delta R.T. -0.044 min
Lab File: BN032715.D
Acq: 13 Jul 2024 18:09

Tgt Ion:276 Resp: 28837
Ion Ratio Lower Upper
276 100
138 26.9 21.6 32.4
227 0.3 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.402 ng/ul

RT: 25.586 min Scan# 51

Delta R.T. -0.054 min

Lab File: BN032715.D

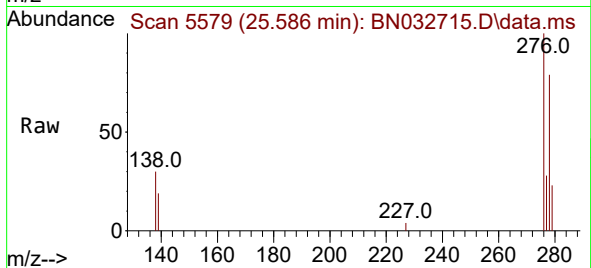
Acq: 13 Jul 2024 18:09

Instrument :

BNA_N

ClientSampleId :

SSTD0.4260



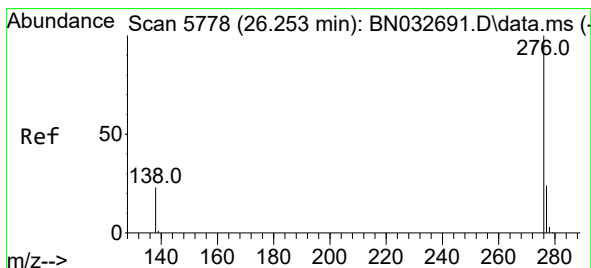
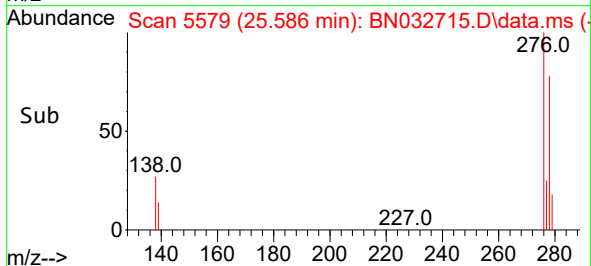
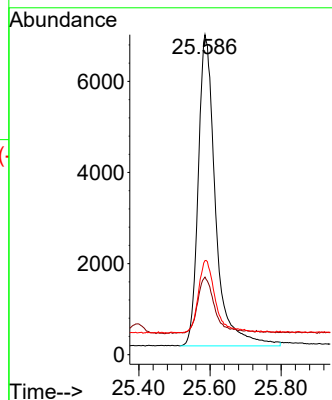
Tgt Ion:278 Resp: 23043

Ion Ratio Lower Upper

278 100

139 24.3 16.6 24.8

279 29.4 23.7 35.5



#29

Benzo(g,h,i)perylene

Concen: 0.380 ng/ul

RT: 26.267 min Scan# 5782

Delta R.T. -0.034 min

Lab File: BN032715.D

Acq: 13 Jul 2024 18:09

Tgt Ion:276 Resp: 23534

Ion Ratio Lower Upper

276 100

138 27.3 21.0 31.4

277 26.5 20.6 31.0

