

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032750.D
 Acq On : 16 Jul 2024 20:43
 Operator : MA/JU
 Sample : P3177-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BS1

Quant Time: Jul 16 23:55:12 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)

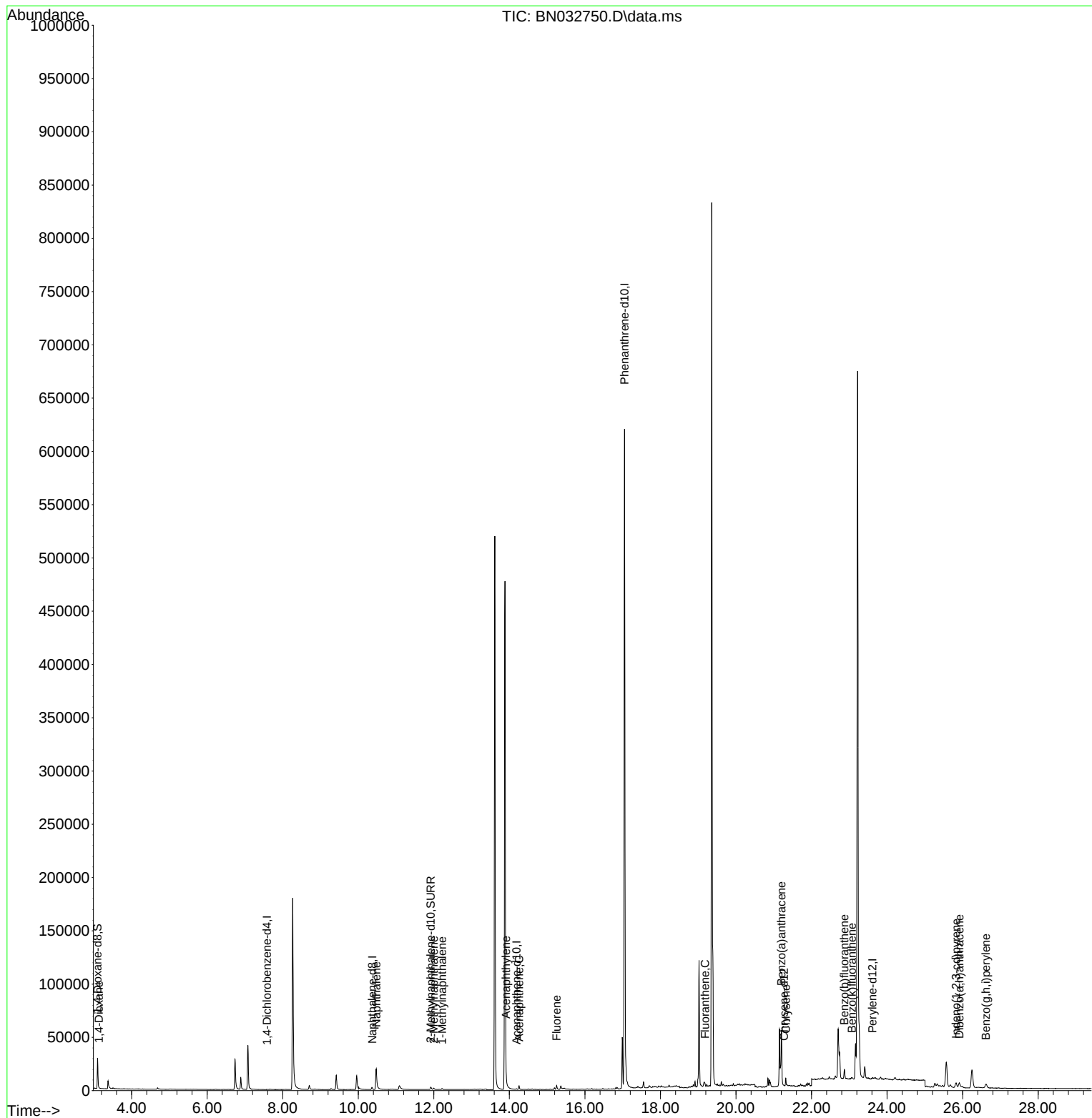
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	6	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.376	136	51	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.193	164	261	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	17.050	188	739511	0.400	ng/ul	0.06
17) Chrysene-d12	21.270	240	32	0.400	ng/ul	# 0.08
23) Perylene-d12	23.614	264	261	0.400	ng/ul	# 0.22
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	19331	2683.239	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	3969	51.492	ng/ul	-0.05
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.131	88	113	13.771	ng/ul#	14
5) Naphthalene	10.481	128	301	2.198	ng/ul#	1
7) 2-Methylnaphthalene	11.999	142	1226	14.341	ng/ul	97
8) 1-Methylnaphthalene	12.219	142	843	9.535	ng/ul	99
10) Acenaphthylene	13.911	152	5882	5.578	ng/ul	94
11) Acenaphthene	14.258	153	2232	2.560	ng/ul	97
12) Fluorene	15.252	166	2825	2.834	ng/ul#	98
19) Fluoranthene	19.180	202	2890	22.213	ng/ul#	84
21) Benzo(a)anthracene	21.203	228	49871	489.602	ng/ul	93
22) Chrysene	21.320	228	7313	49.629	ng/ul#	45
24) Benzo(b)fluoranthene	22.871	252	11445	12.428	ng/ul#	53
25) Benzo(k)fluoranthene	23.067	252	1366	1.217	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.827	276	1843	1.708	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.918	278	8384	10.023	ng/ul#	71
29) Benzo(g,h,i)perylene	26.616	276	7929	8.792	ng/ul#	76

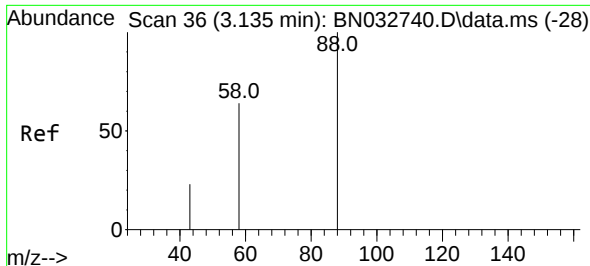
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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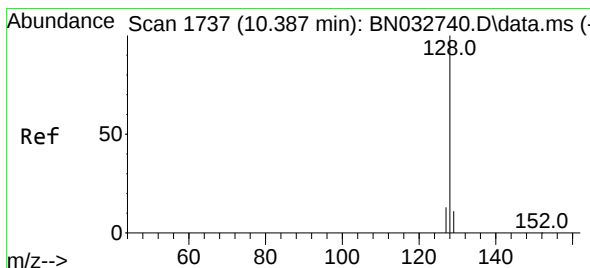
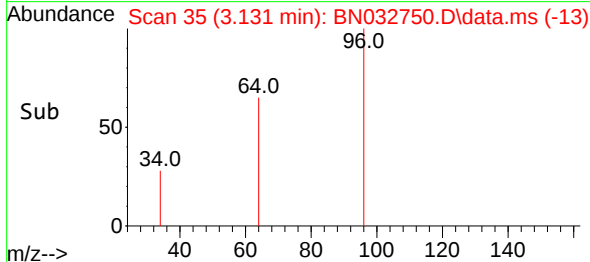
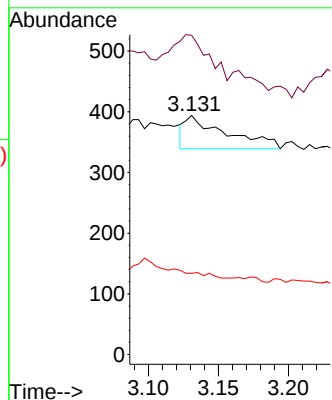
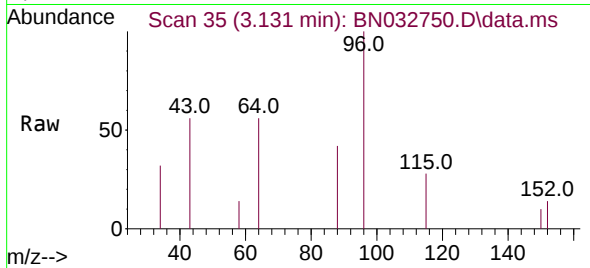




#2
 1,4-Dioxane
 Concen: 13.771 ng/ul
 RT: 3.131 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BN032750.D
 Acq: 16 Jul 2024 20:43

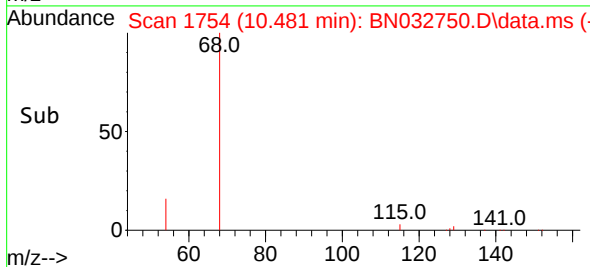
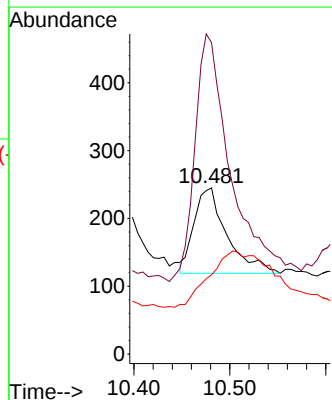
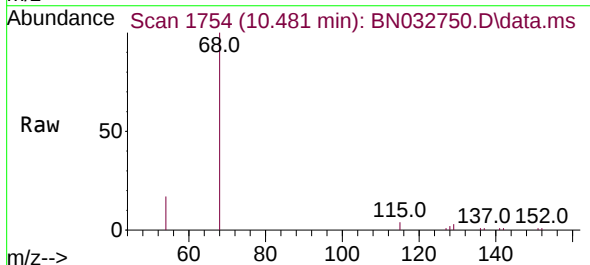
Instrument :
 BNA_N
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 A4BS1

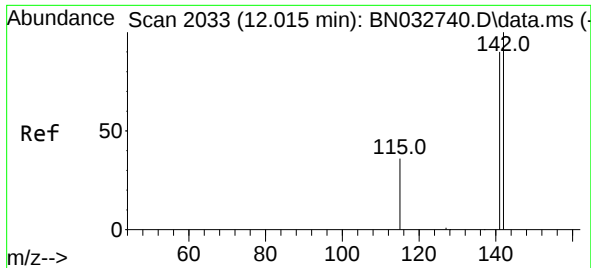
Tgt Ion: 88 Resp: 113
 Ion Ratio Lower Upper
 88 100
 43 133.5 24.0 36.0#
 58 34.0 43.3 64.9#



#5
 Naphthalene
 Concen: 2.198 ng/ul
 RT: 10.481 min Scan# 1754
 Delta R.T. 0.072 min
 Lab File: BN032750.D
 Acq: 16 Jul 2024 20:43

Tgt Ion:128 Resp: 301
 Ion Ratio Lower Upper
 128 100
 129 187.3 10.0 15.0#
 127 47.8 11.6 17.4#

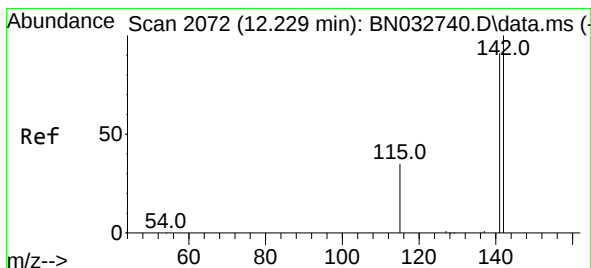
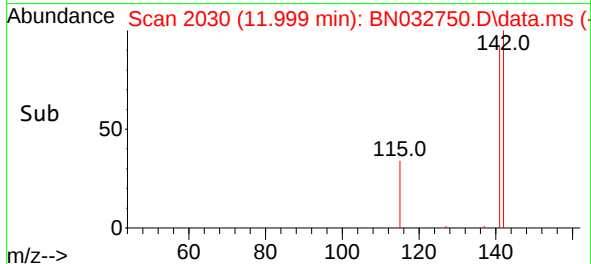
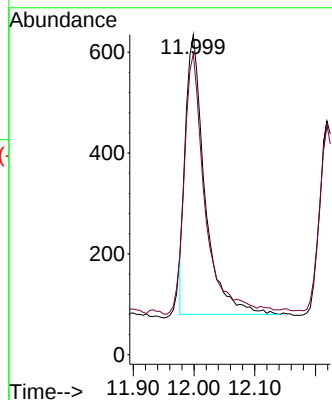
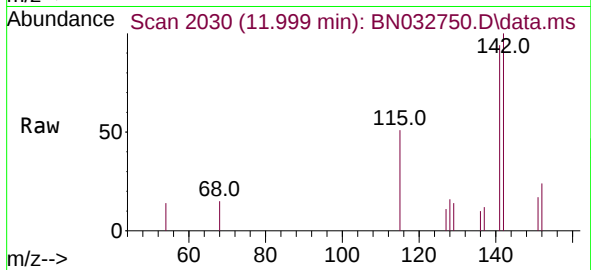




#7
2-Methylnaphthalene
Concen: 14.341 ng/ul
RT: 11.999 min Scan# 2030
Delta R.T. -0.049 min
Lab File: BN032750.D
Acq: 16 Jul 2024 20:43

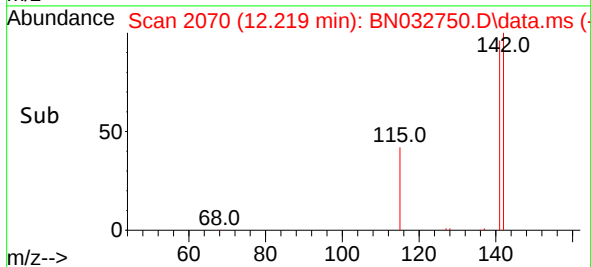
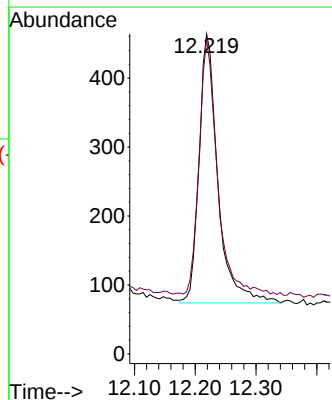
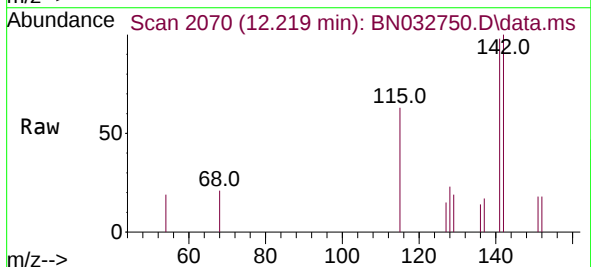
Instrument :
BNA_N
ClientSampleId :
A4BS1

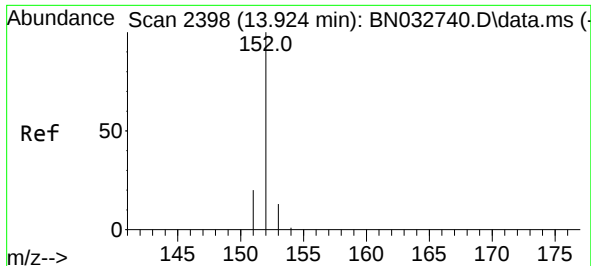
Tgt Ion:142 Resp: 1226
Ion Ratio Lower Upper
142 100
141 89.6 74.0 111.0



#8
1-Methylnaphthalene
Concen: 9.535 ng/ul
RT: 12.219 min Scan# 2070
Delta R.T. -0.027 min
Lab File: BN032750.D
Acq: 16 Jul 2024 20:43

Tgt Ion:142 Resp: 843
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4

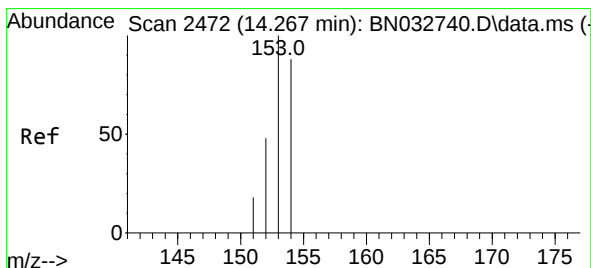
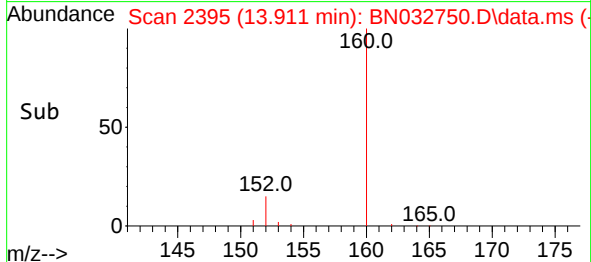
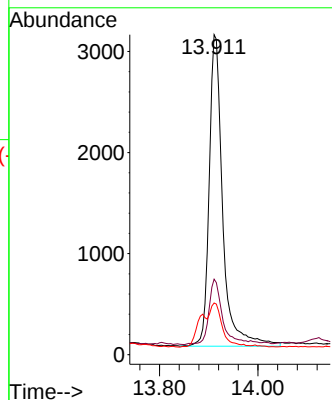
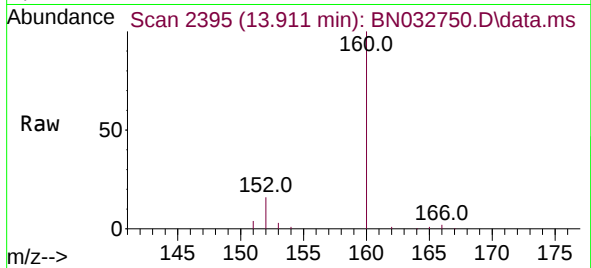




#10
Acenaphthylene
Concen: 5.578 ng/u1
RT: 13.911 min Scan# 21
Delta R.T. -0.032 min
Lab File: BN032750.D
Acq: 16 Jul 2024 20:43

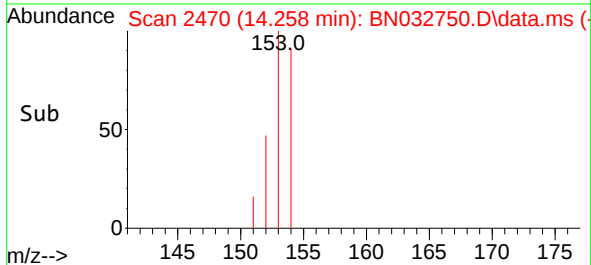
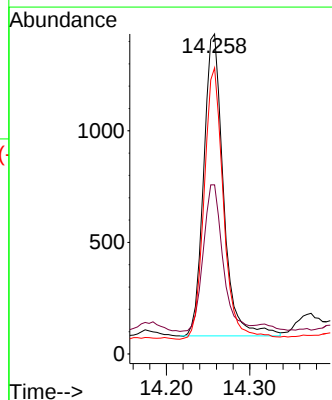
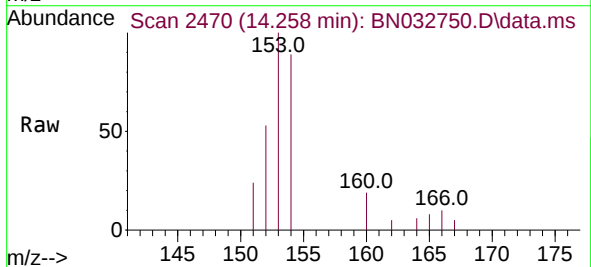
Instrument :
BNA_N
ClientSampleId :
A4BS1

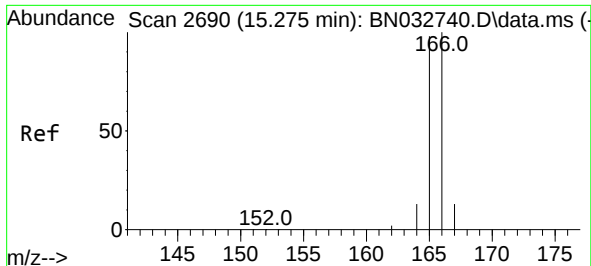
Tgt Ion:152 Resp: 5882
Ion Ratio Lower Upper
152 100
151 23.6 16.3 24.5
153 16.1 11.3 16.9



#11
Acenaphthene
Concen: 2.560 ng/u1
RT: 14.258 min Scan# 2470
Delta R.T. -0.023 min
Lab File: BN032750.D
Acq: 16 Jul 2024 20:43

Tgt Ion:153 Resp: 2232
Ion Ratio Lower Upper
153 100
152 52.9 40.0 60.0
154 89.4 70.2 105.4

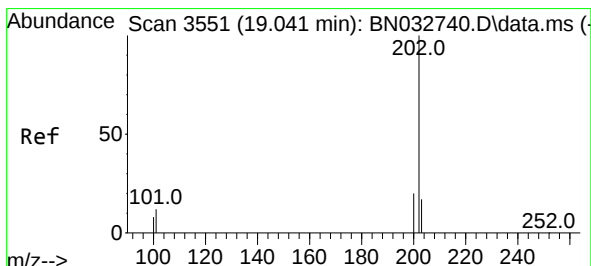
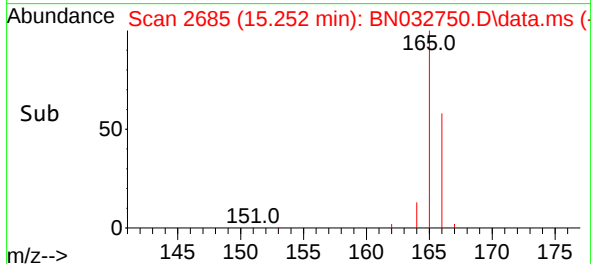
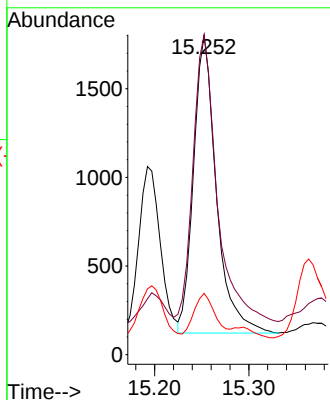
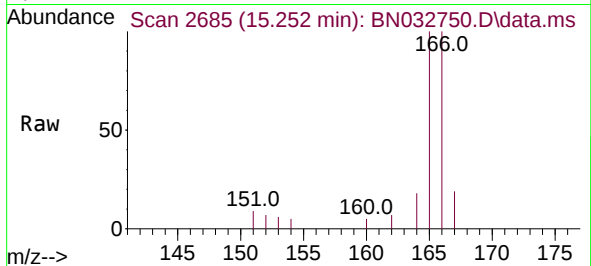




#12
Fluorene
Concen: 2.834 ng/ul
RT: 15.252 min Scan# 2685
Delta R.T. -0.037 min
Lab File: BN032750.D
Acq: 16 Jul 2024 20:43

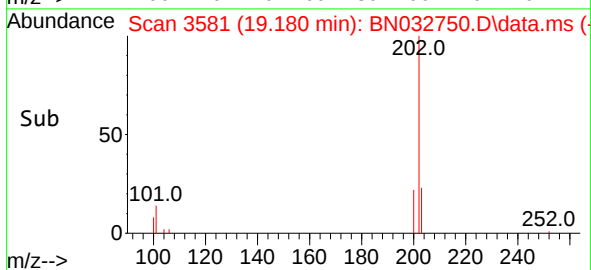
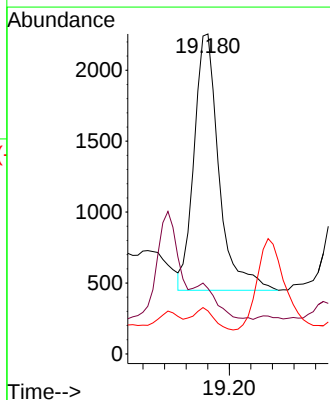
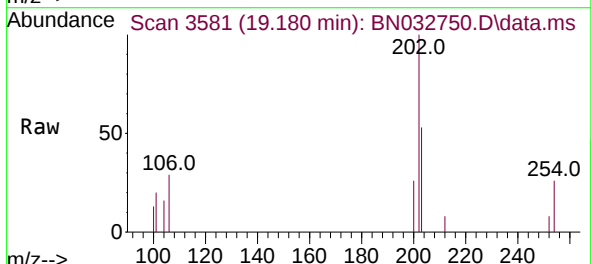
Instrument :
BNA_N
ClientSampleId :
A4BS1

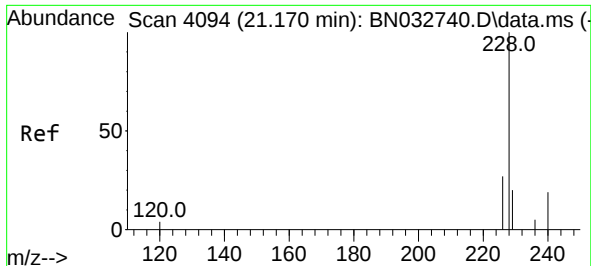
Tgt Ion:166 Resp: 2825
Ion Ratio Lower Upper
166 100
165 100.4 79.7 119.5
167 19.2 11.4 17.2#



#19
Fluoranthene
Concen: 22.213 ng/ul
RT: 19.180 min Scan# 3581
Delta R.T. 0.126 min
Lab File: BN032750.D
Acq: 16 Jul 2024 20:43

Tgt Ion:202 Resp: 2890
Ion Ratio Lower Upper
202 100
101 20.5 9.8 14.8#
100 13.4 7.9 11.9#

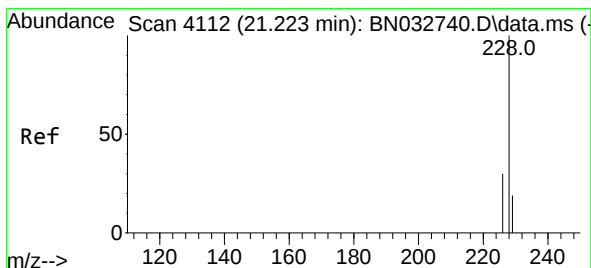
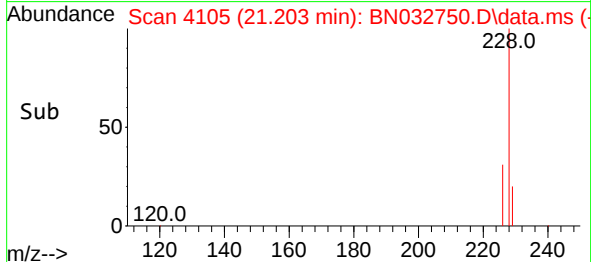
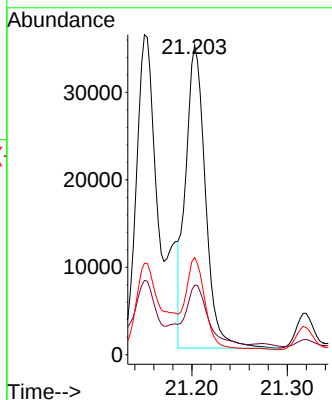
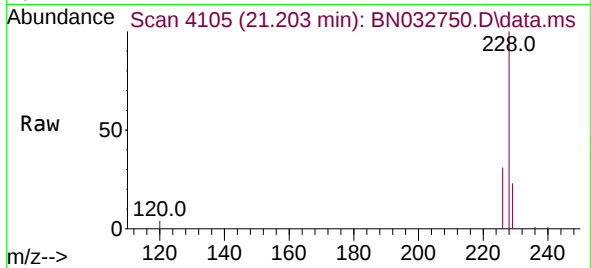




#21
Benzo(a)anthracene
Concen: 489.602 ng/ul
RT: 21.203 min Scan# 4105
Delta R.T. 0.021 min
Lab File: BN032750.D
Acq: 16 Jul 2024 20:43

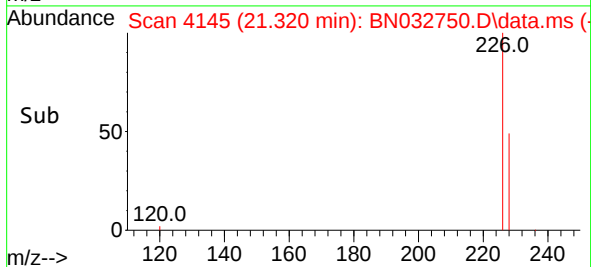
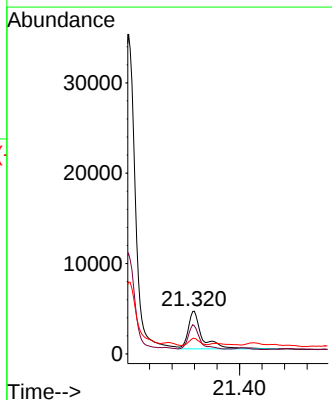
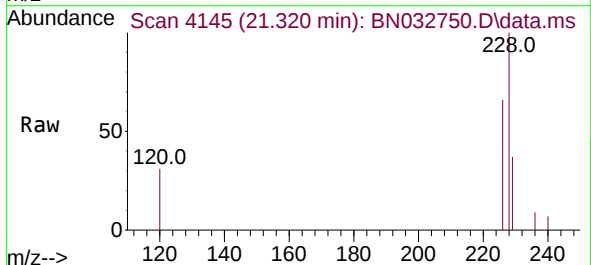
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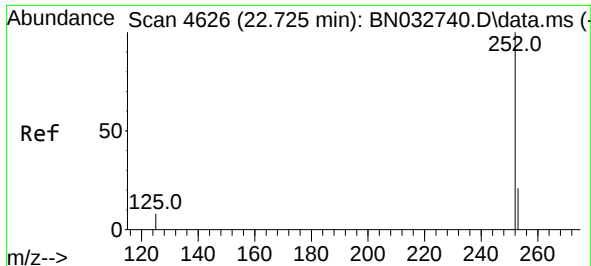
Tgt Ion:228 Resp: 49871
Ion Ratio Lower Upper
228 100
229 22.5 16.1 24.1
226 31.4 21.9 32.9



#22
Chrysene
Concen: 49.629 ng/ul
RT: 21.320 min Scan# 4145
Delta R.T. 0.088 min
Lab File: BN032750.D
Acq: 16 Jul 2024 20:43

Tgt Ion:228 Resp: 7313
Ion Ratio Lower Upper
228 100
226 65.6 24.0 36.0#
229 36.9 15.8 23.6#

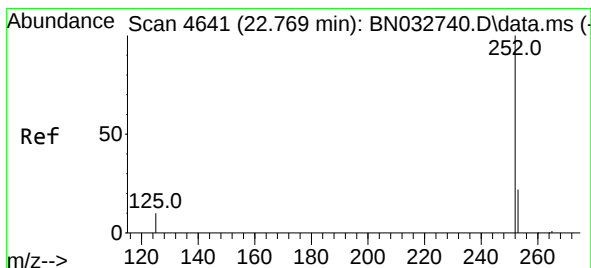
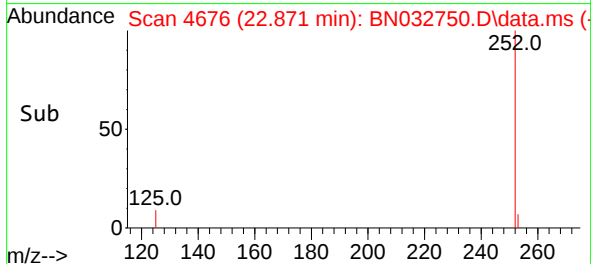
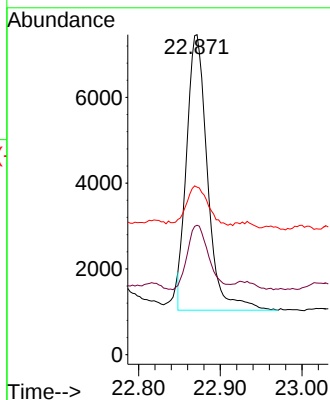
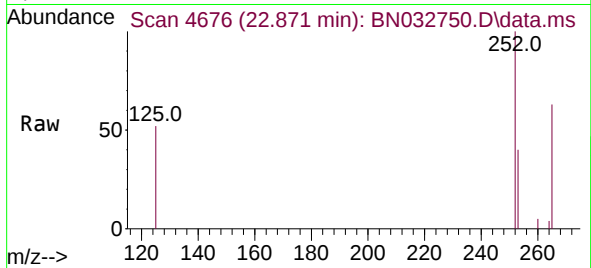




#24
Benzo(b)fluoranthene
Concen: 12.428 ng/ul
RT: 22.871 min Scan# 4743
Delta R.T. 0.138 min
Lab File: BN032750.D
Acq: 16 Jul 2024 20:43

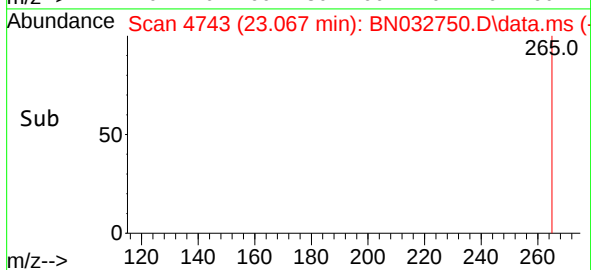
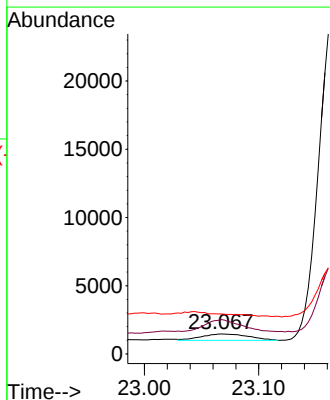
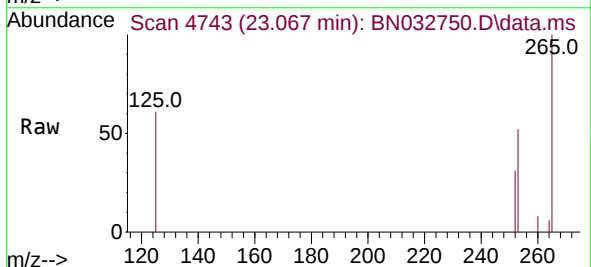
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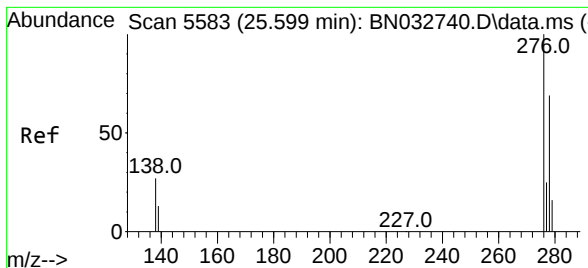
Tgt Ion:252 Resp: 11445
Ion Ratio Lower Upper
252 100
253 40.4 0.0 54.0
125 52.4 0.0 36.0#



#25
Benzo(k)fluoranthene
Concen: 1.217 ng/ul
RT: 23.067 min Scan# 4743
Delta R.T. 0.290 min
Lab File: BN032750.D
Acq: 16 Jul 2024 20:43

Tgt Ion:252 Resp: 1366
Ion Ratio Lower Upper
252 100
253 171.8 21.2 31.8#
125 199.9 14.8 22.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.708 ng/ul

RT: 25.827 min Scan# 5

Delta R.T. 0.201 min

Lab File: BN032750.D

Acq: 16 Jul 2024 20:43

Instrument :

BNA_N

ClientSampleId :

A4BS1

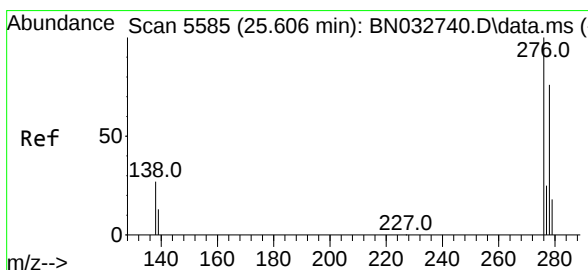
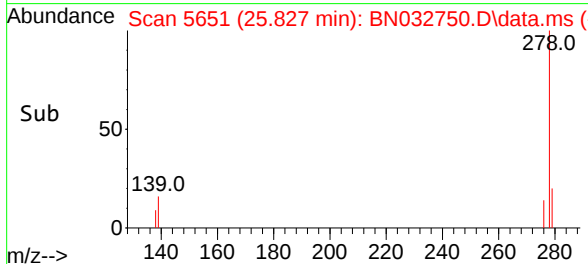
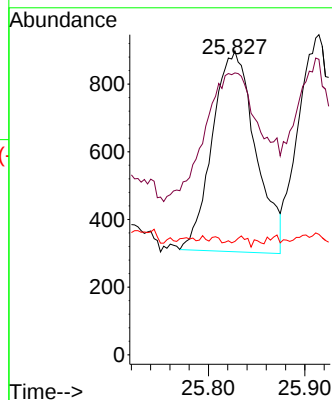
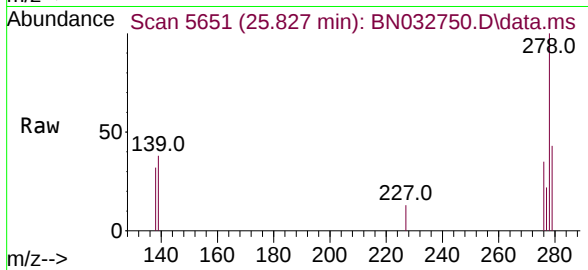
Tgt Ion:276 Resp: 1843

Ion Ratio Lower Upper

276 100

138 89.2 21.6 32.4#

227 1.4 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 10.023 ng/ul

RT: 25.918 min Scan# 5678

Delta R.T. 0.279 min

Lab File: BN032750.D

Acq: 16 Jul 2024 20:43

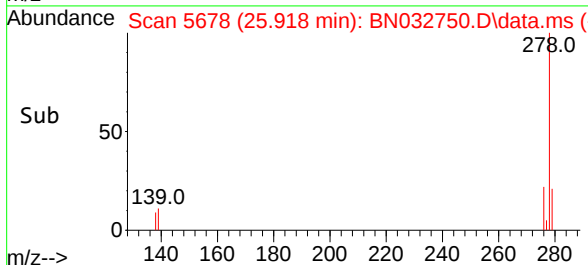
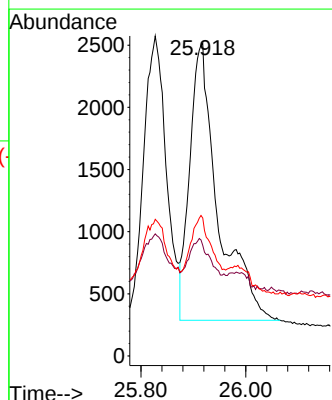
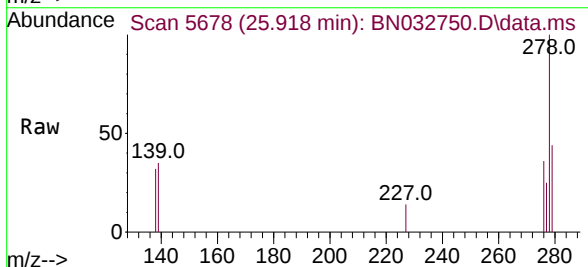
Tgt Ion:278 Resp: 8384

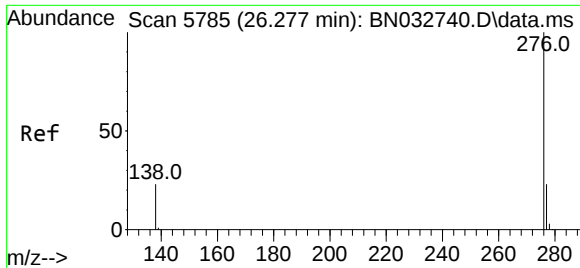
Ion Ratio Lower Upper

278 100

139 35.3 16.6 24.8#

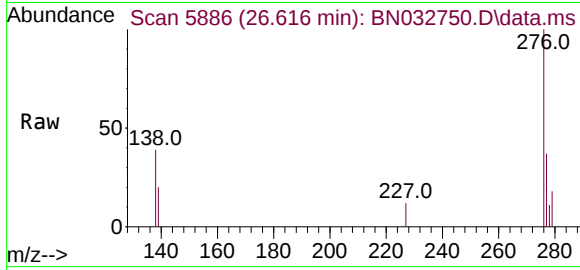
279 44.1 23.7 35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 8.792 ng/ul
 RT: 26.616 min Scan# 51
 Delta R.T. 0.315 min
 Lab File: BN032750.D
 Acq: 16 Jul 2024 20:43

Instrument :
 BNA_N
 ClientSampleId :
 A4BS1



Tgt Ion:276 Resp: 7929
 Ion Ratio Lower Upper
 276 100
 138 39.3 21.0 31.4#
 277 36.7 20.6 31.0#

