

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032738.D
 Acq On : 16 Jul 2024 13:25
 Operator : MA/JU
 Sample : P3177-22DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DQ2DL

Quant Time: Jul 16 13:50:25 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)

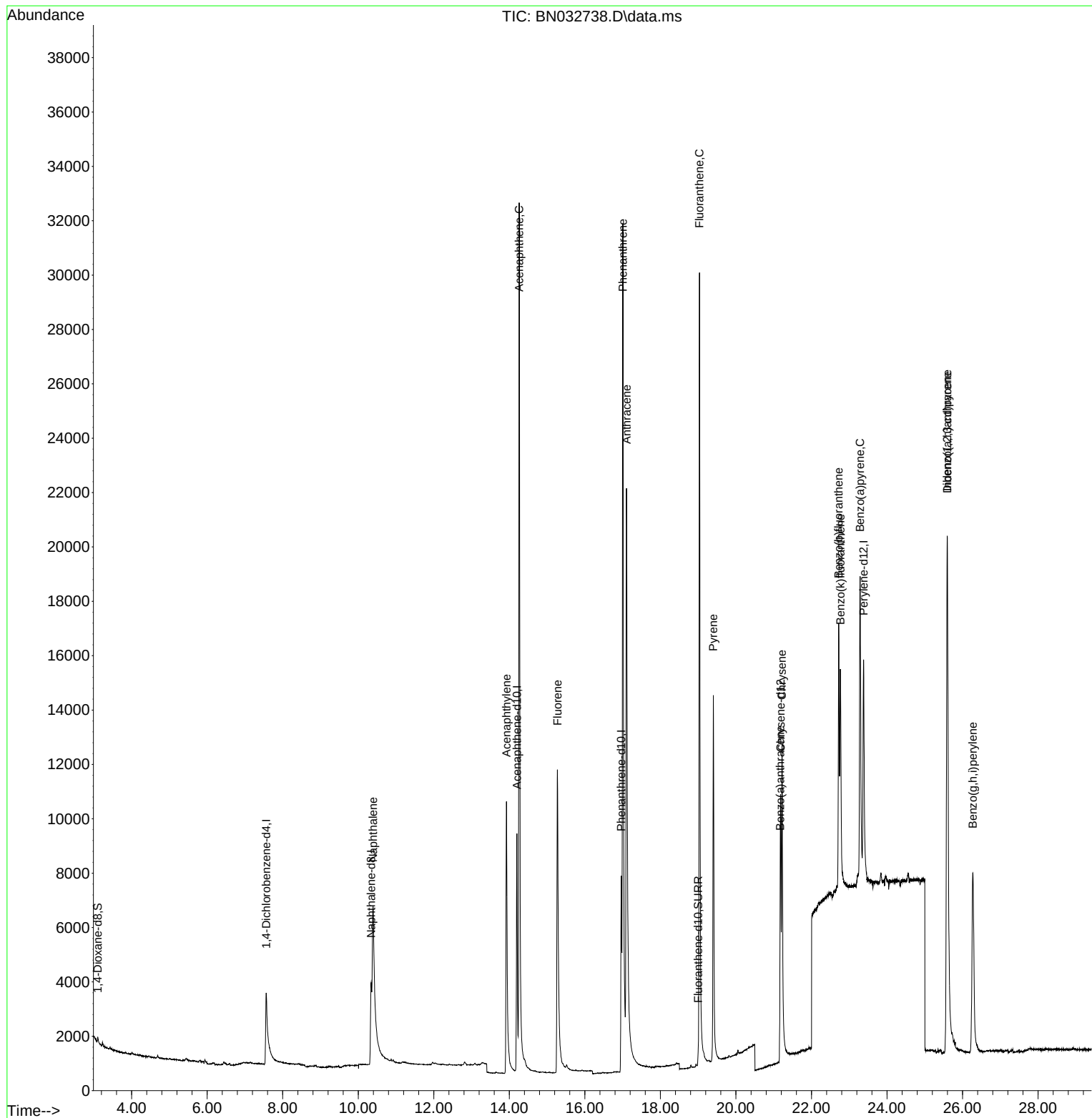
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	3534	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.342	136	10696	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.201	164	5944	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.964	188	12070	0.400	ng/ul	-0.03
17) Chrysene-d12	21.184	240	10157	0.400	ng/ul	-0.01
23) Perylene-d12	23.379	264	12991	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	179	0.042	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.964	152	312	0.019	ng/ul	0.00
18) Fluoranthene-d10	19.002	212	1004	0.030	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.392	128	17369	0.605	ng/ul	99
10) Acenaphthylene	13.923	152	17643	0.735	ng/ul	100
11) Acenaphthene	14.261	153	23747	1.196	ng/ul	99
12) Fluorene	15.274	166	13431	0.592	ng/ul	100
15) Phenanthrene	17.006	178	43836	1.334	ng/ul	99
16) Anthracene	17.103	178	38455	1.432	ng/ul	98
19) Fluoranthene	19.035	202	33563	0.813	ng/ul	99
20) Pyrene	19.402	202	14936	0.349	ng/ul	100
21) Benzo(a)anthracene	21.172	228	3867	0.120	ng/ul	93
22) Chrysene	21.219	228	14313	0.306	ng/ul	97
24) Benzo(b)fluoranthene	22.721	252	13911	0.303	ng/ul	88
25) Benzo(k)fluoranthene	22.765	252	13176	0.236	ng/ul#	83
26) Benzo(a)pyrene	23.288	252	21070	0.531	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.595	276	24007	0.447	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.598	278	22714	0.546	ng/ul	98
29) Benzo(g,h,i)perylene	26.269	276	16514	0.368	ng/ul	98

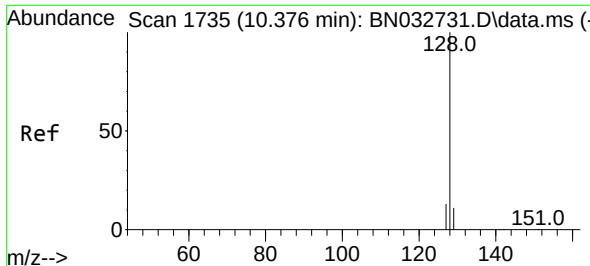
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 13:50:25 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

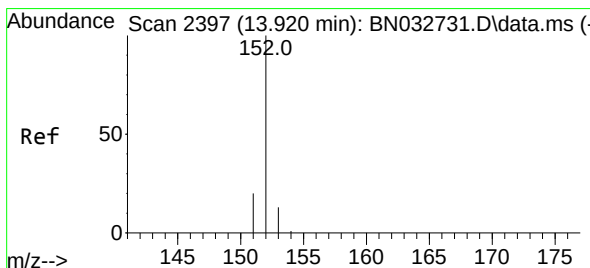
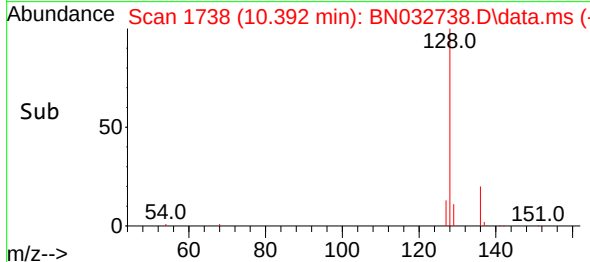
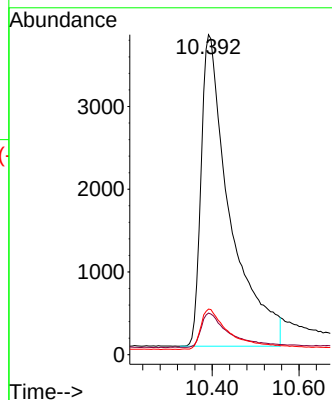
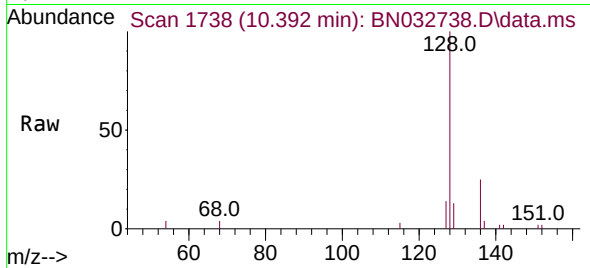




#5
Naphthalene
Concen: 0.605 ng/ul
RT: 10.392 min Scan# 1738
Delta R.T. -0.018 min
Lab File: BN032738.D
Acq: 16 Jul 2024 13:25

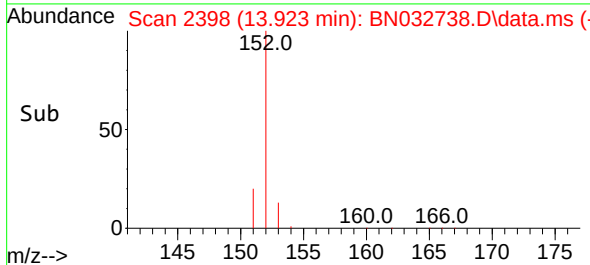
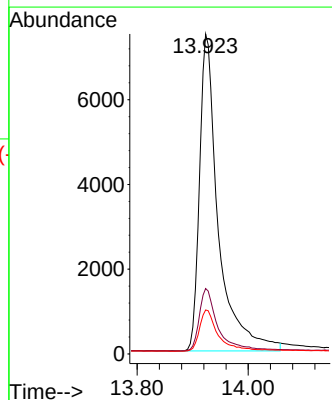
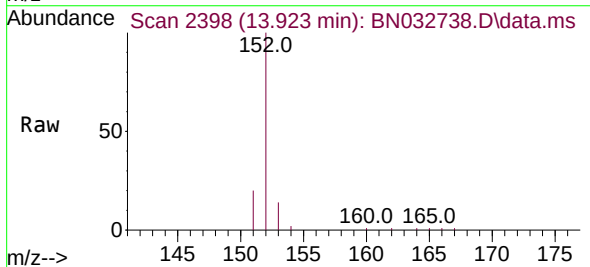
Instrument :
BNA_N
ClientSampleId :
A4DQ2DL

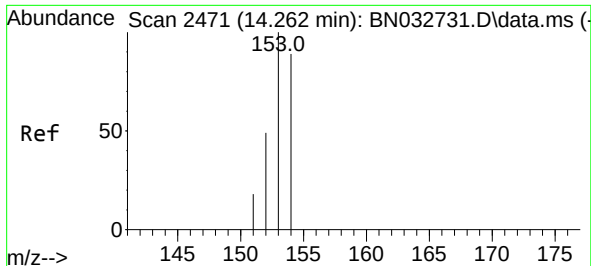
Tgt Ion:128 Resp: 17369
Ion Ratio Lower Upper
128 100
129 13.0 10.0 15.0
127 14.2 11.6 17.4



#10
Acenaphthylene
Concen: 0.735 ng/ul
RT: 13.923 min Scan# 2398
Delta R.T. -0.020 min
Lab File: BN032738.D
Acq: 16 Jul 2024 13:25

Tgt Ion:152 Resp: 17643
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.8 11.3 16.9

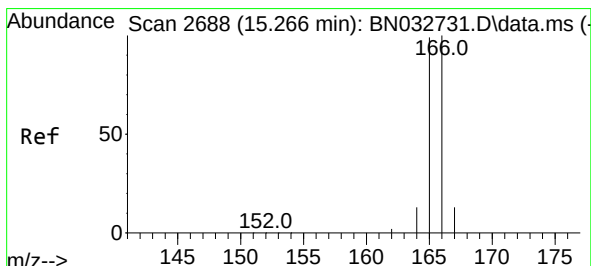
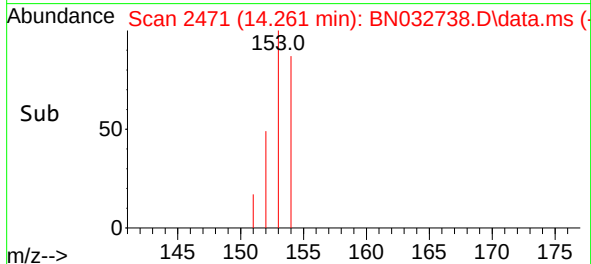
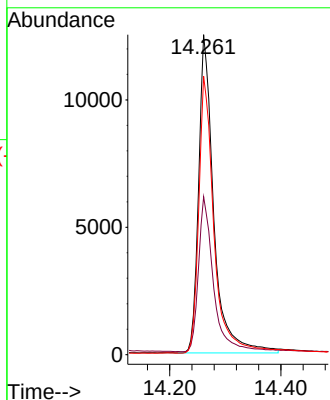
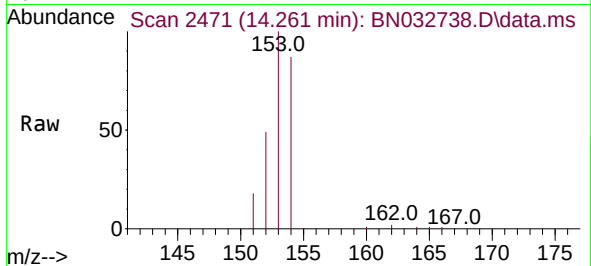




#11
Acenaphthene
Concen: 1.196 ng/ul
RT: 14.261 min Scan# 2471
Delta R.T. -0.020 min
Lab File: BN032738.D
Acq: 16 Jul 2024 13:25

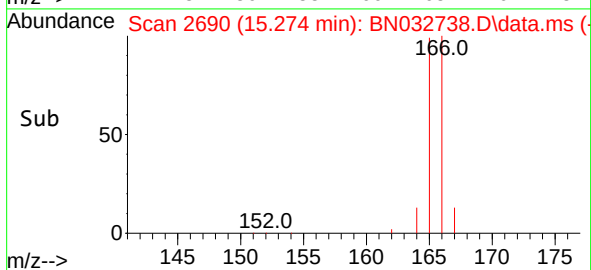
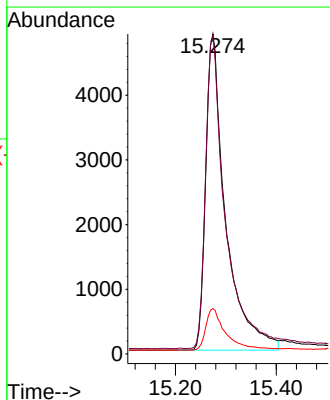
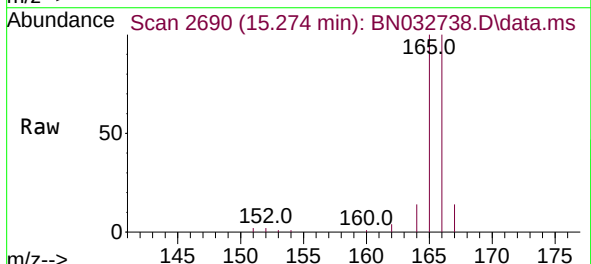
Instrument :
BNA_N
ClientSampleId :
A4DQ2DL

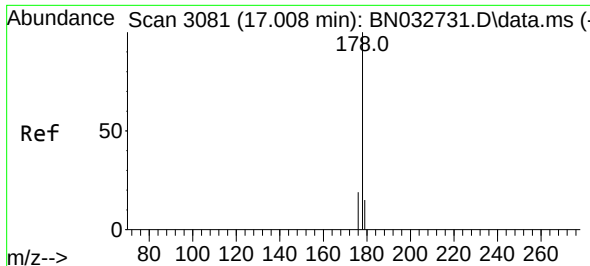
Tgt Ion:153 Resp: 23747
Ion Ratio Lower Upper
153 100
152 49.4 40.0 60.0
154 87.0 70.2 105.4



#12
Fluorene
Concen: 0.592 ng/ul
RT: 15.274 min Scan# 2690
Delta R.T. -0.015 min
Lab File: BN032738.D
Acq: 16 Jul 2024 13:25

Tgt Ion:166 Resp: 13431
Ion Ratio Lower Upper
166 100
165 99.5 79.7 119.5
167 14.2 11.4 17.2

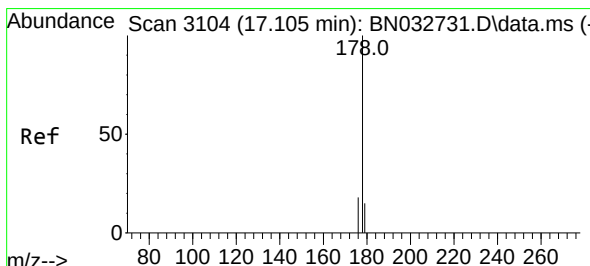
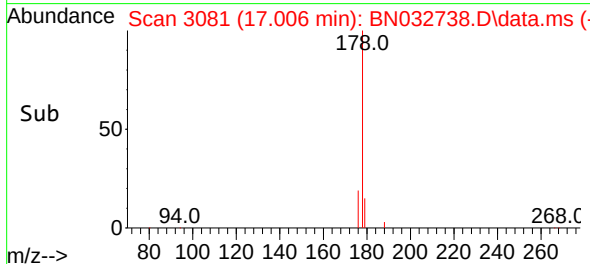
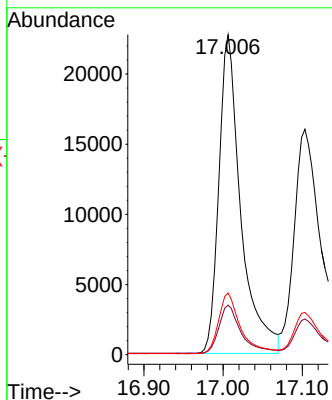
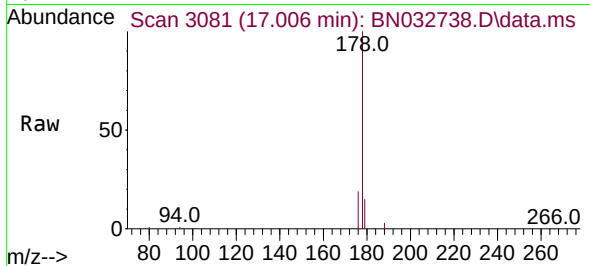




#15
Phenanthrene
Concen: 1.334 ng/ul
RT: 17.006 min Scan# 3081
Delta R.T. -0.022 min
Lab File: BN032738.D
Acq: 16 Jul 2024 13:25

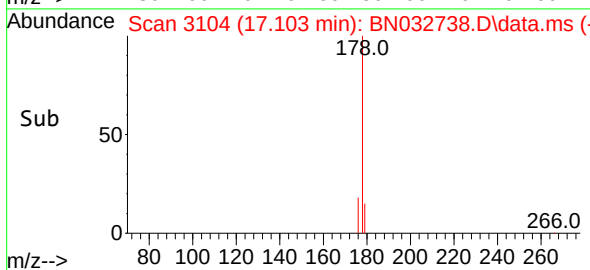
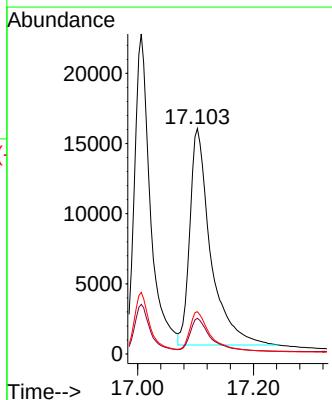
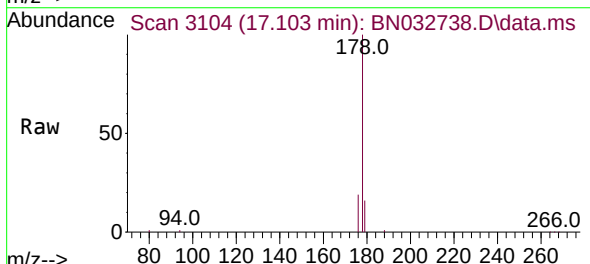
Instrument :
BNA_N
ClientSampleId :
A4DQ2DL

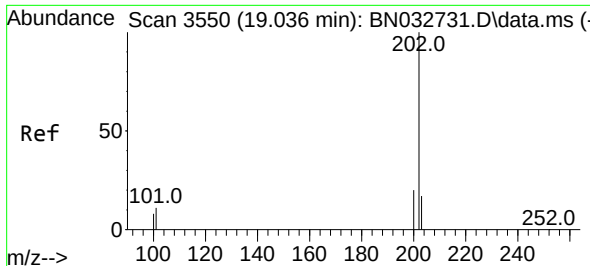
Tgt Ion:178 Resp: 43836
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.2 15.6 23.4



#16
Anthracene
Concen: 1.432 ng/ul
RT: 17.103 min Scan# 3104
Delta R.T. -0.035 min
Lab File: BN032738.D
Acq: 16 Jul 2024 13:25

Tgt Ion:178 Resp: 38455
Ion Ratio Lower Upper
178 100
179 15.8 13.4 20.2
176 18.7 15.4 23.0

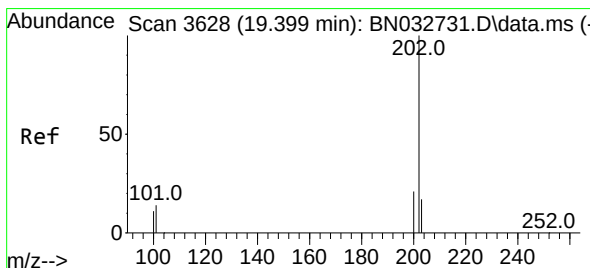
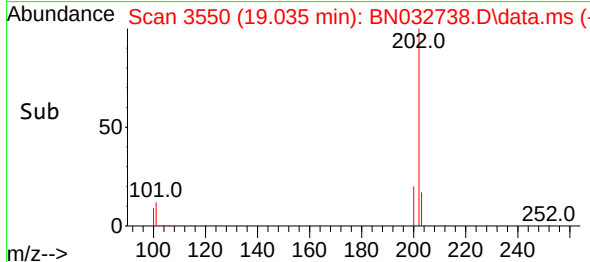
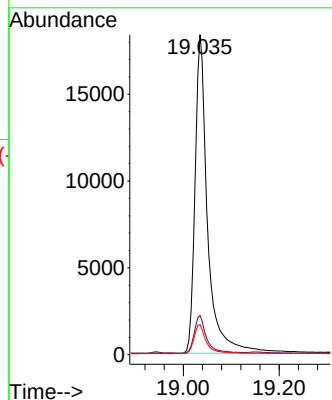
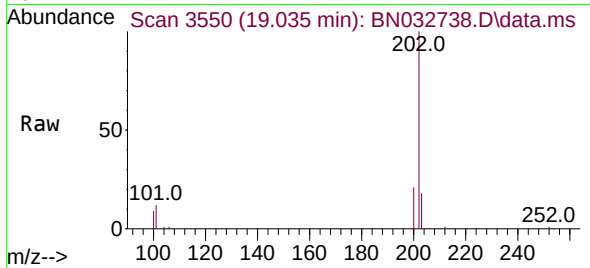




#19
Fluoranthene
Concen: 0.813 ng/ul
RT: 19.035 min Scan# 3550
Delta R.T. -0.020 min
Lab File: BN032738.D
Acq: 16 Jul 2024 13:25

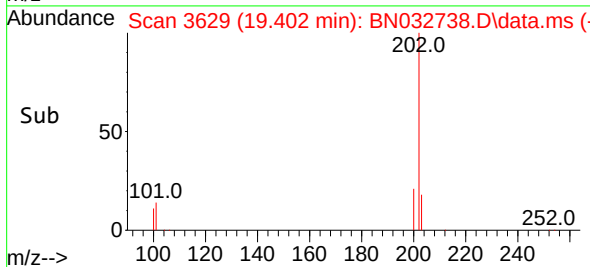
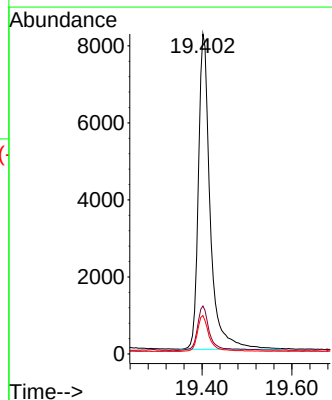
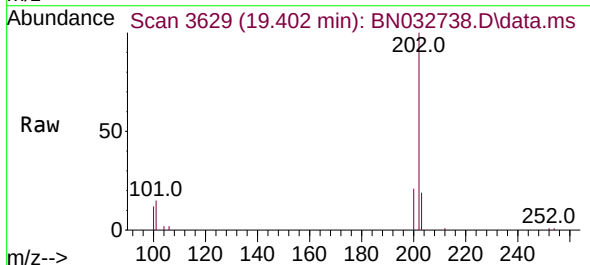
Instrument :
BNA_N
ClientSampleId :
A4DQ2DL

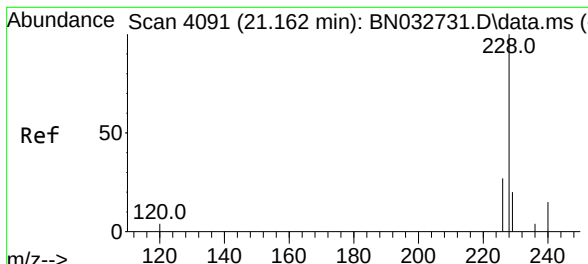
Tgt Ion:	202	Resp:	33563
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.8	14.8
100	9.4	7.9	11.9



#20
Pyrene
Concen: 0.349 ng/ul
RT: 19.402 min Scan# 3629
Delta R.T. -0.020 min
Lab File: BN032738.D
Acq: 16 Jul 2024 13:25

Tgt Ion:	202	Resp:	14936
Ion Ratio	Lower	Upper	
202	100		
101	15.0	11.8	17.6
100	12.0	9.6	14.4

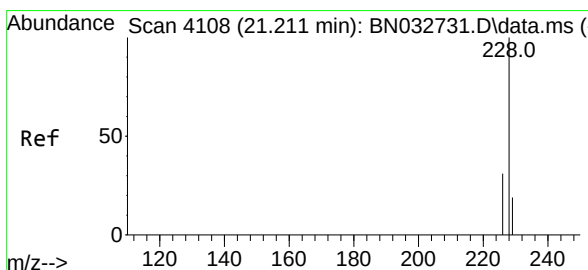
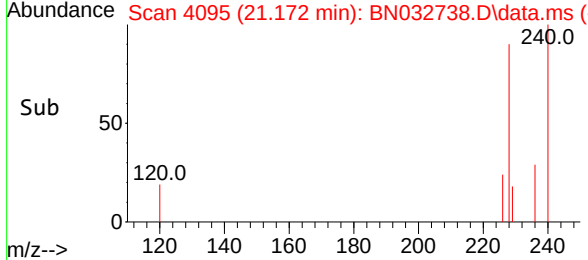
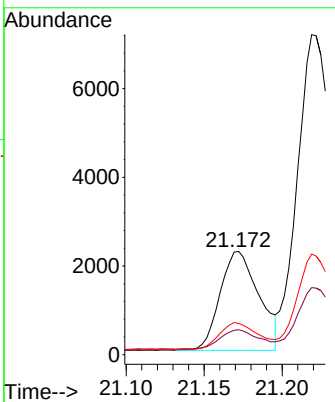
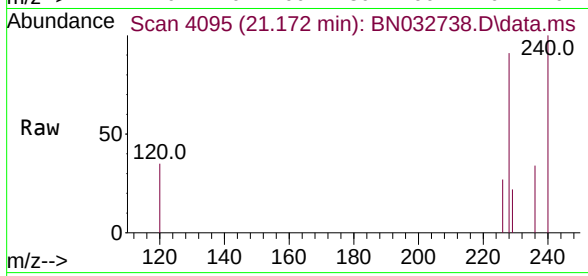




#21
Benzo(a)anthracene
Concen: 0.120 ng/u1
RT: 21.172 min Scan# 4095
Delta R.T. -0.010 min
Lab File: BN032738.D
Acq: 16 Jul 2024 13:25

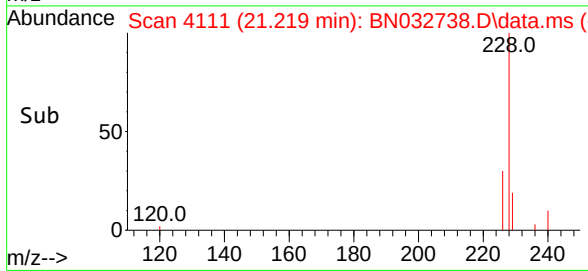
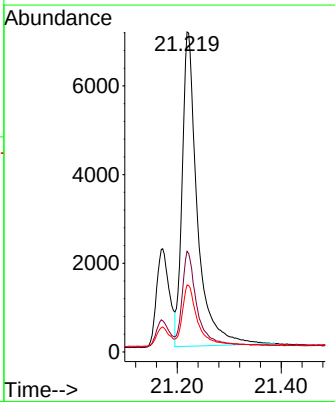
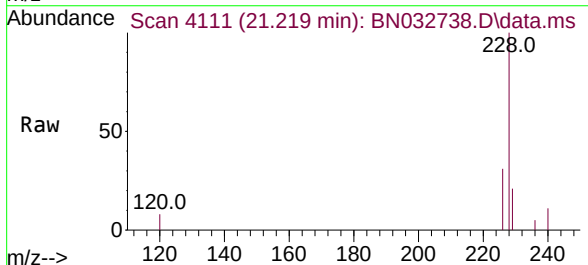
Instrument :
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ClientSampleId :
A4DQ2DL

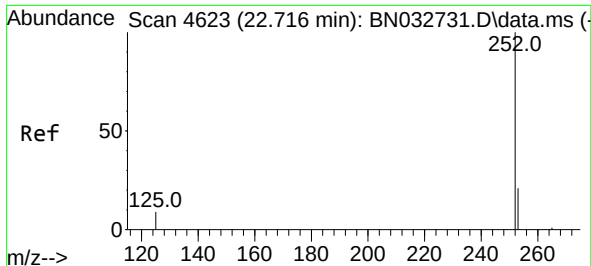
Tgt Ion:	228	Resp:	3867
Ion Ratio	Lower	Upper	
228	100		
229	24.1	16.1	24.1
226	30.3	21.9	32.9



#22
Chrysene
Concen: 0.306 ng/u1
RT: 21.219 min Scan# 4111
Delta R.T. -0.013 min
Lab File: BN032738.D
Acq: 16 Jul 2024 13:25

Tgt Ion:	228	Resp:	14313
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.0	36.0
229	21.0	15.8	23.6

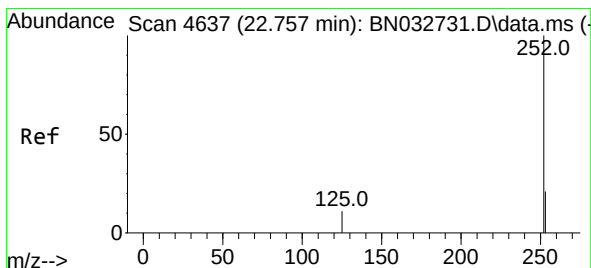
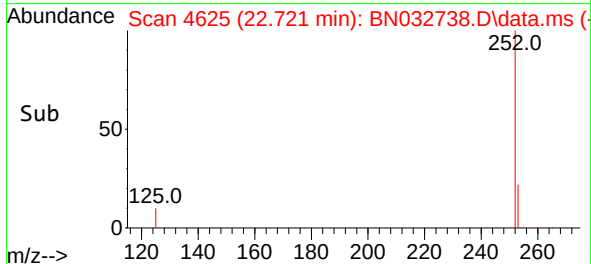
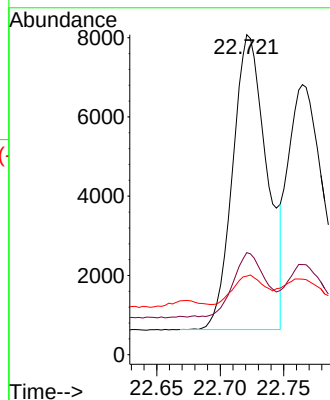
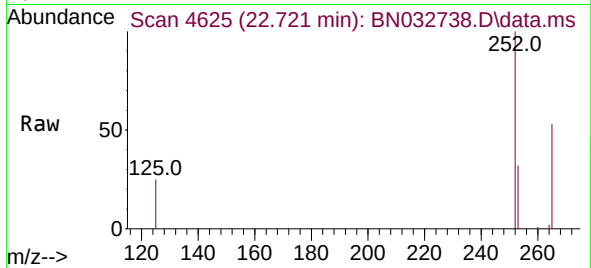




#24
Benzo(b)fluoranthene
Concen: 0.303 ng/ul
RT: 22.721 min Scan# 4625
Delta R.T. -0.013 min
Lab File: BN032738.D
Acq: 16 Jul 2024 13:25

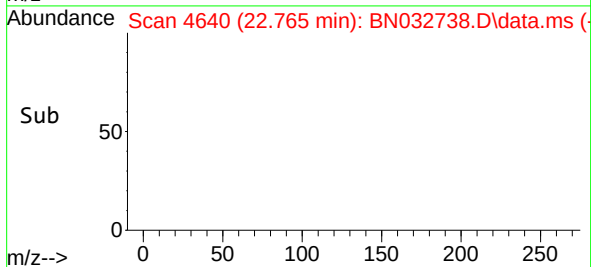
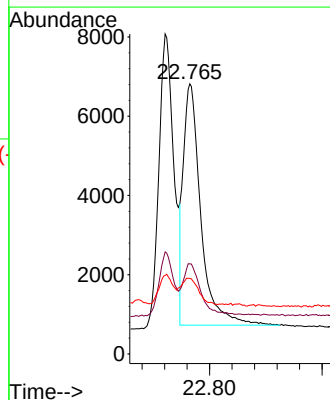
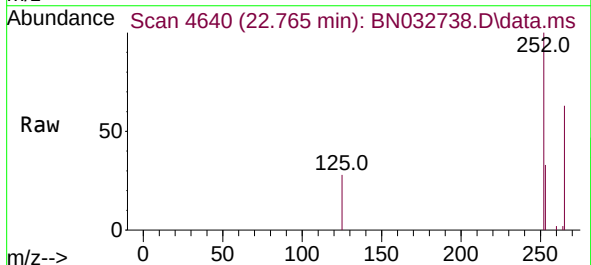
Instrument :
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ClientSampleId :
A4DQ2DL

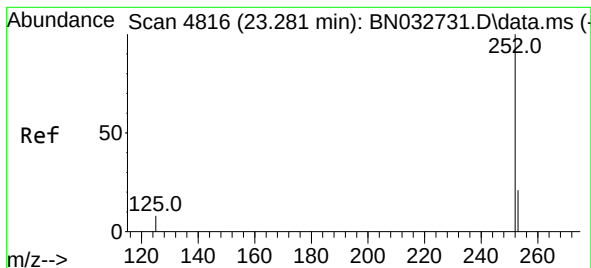
Tgt Ion:252 Resp: 13911
Ion Ratio Lower Upper
252 100
253 31.9 0.0 54.0
125 24.6 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.236 ng/ul
RT: 22.765 min Scan# 4640
Delta R.T. -0.013 min
Lab File: BN032738.D
Acq: 16 Jul 2024 13:25

Tgt Ion:252 Resp: 13176
Ion Ratio Lower Upper
252 100
253 33.4 21.2 31.8#
125 28.0 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.531 ng/ul

RT: 23.288 min Scan# 4816

Delta R.T. -0.022 min

Lab File: BN032738.D

Acq: 16 Jul 2024 13:25

Instrument :

BNA_N

ClientSampleId :

A4DQ2DL

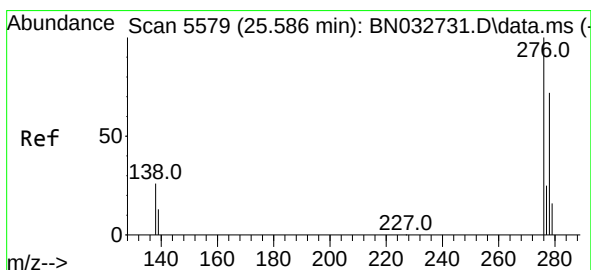
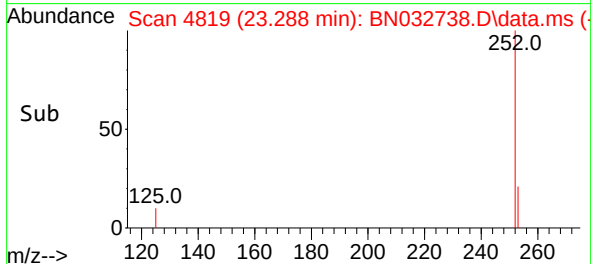
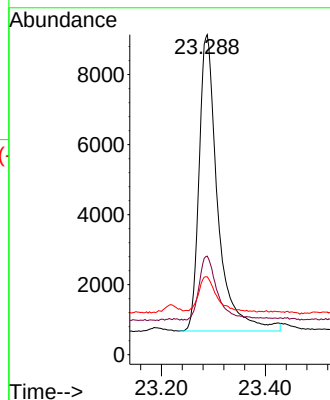
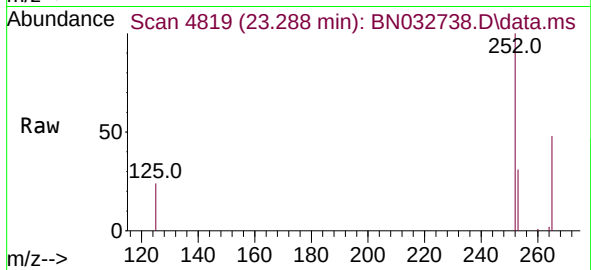
Tgt Ion:252 Resp: 21070

Ion Ratio Lower Upper

252 100

253 30.8 25.4 38.0

125 24.3 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.447 ng/ul

RT: 25.595 min Scan# 5582

Delta R.T. -0.032 min

Lab File: BN032738.D

Acq: 16 Jul 2024 13:25

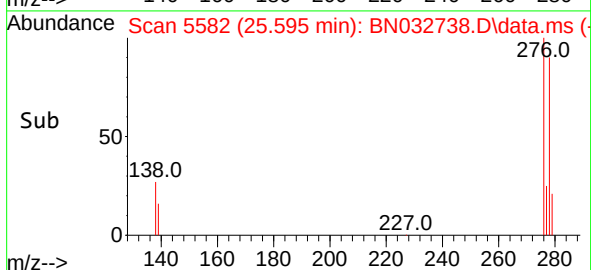
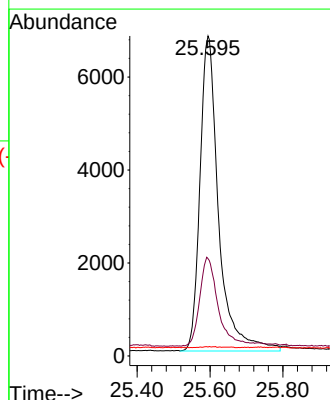
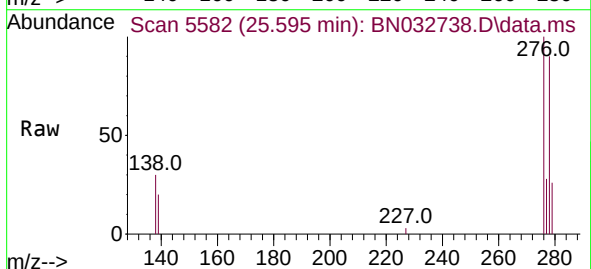
Tgt Ion:276 Resp: 24007

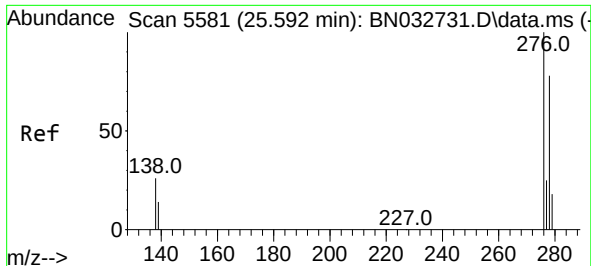
Ion Ratio Lower Upper

276 100

138 28.6 21.6 32.4

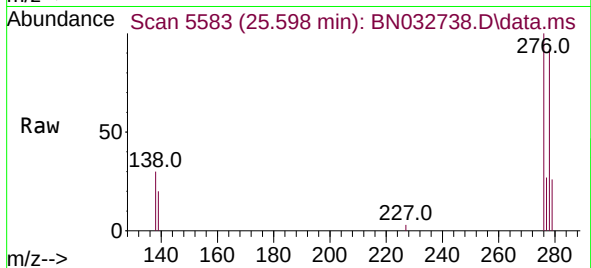
227 0.1 0.0 0.0#



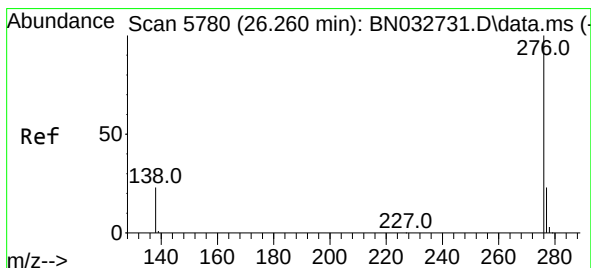
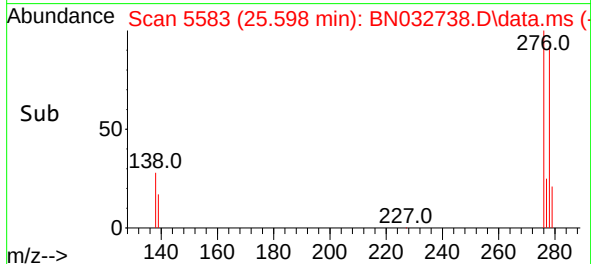
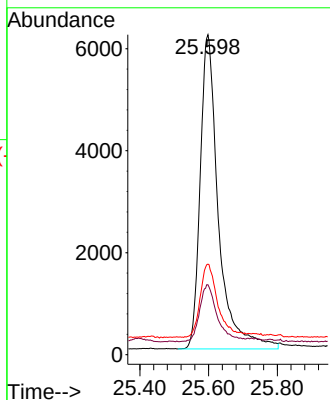


#28
Dibenzo(a,h)anthracene
Concen: 0.546 ng/ul
RT: 25.598 min Scan# 51
Delta R.T. -0.042 min
Lab File: BN032738.D
Acq: 16 Jul 2024 13:25

Instrument :
BNA_N
ClientSampleId :
A4DQ2DL



Tgt Ion:278 Resp: 22714
Ion Ratio Lower Upper
278 100
139 21.9 16.6 24.8
279 28.3 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 26.269 min Scan# 5783
Delta R.T. -0.032 min
Lab File: BN032738.D
Acq: 16 Jul 2024 13:25

Tgt Ion:276 Resp: 16514
Ion Ratio Lower Upper
276 100
138 27.5 21.0 31.4
277 26.0 20.6 31.0

