

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032709.D
 Acq On : 13 Jul 2024 14:31
 Operator : MA/JU
 Sample : P3125-01DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CZ2DL

Quant Time: Jul 15 08:57:19 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)

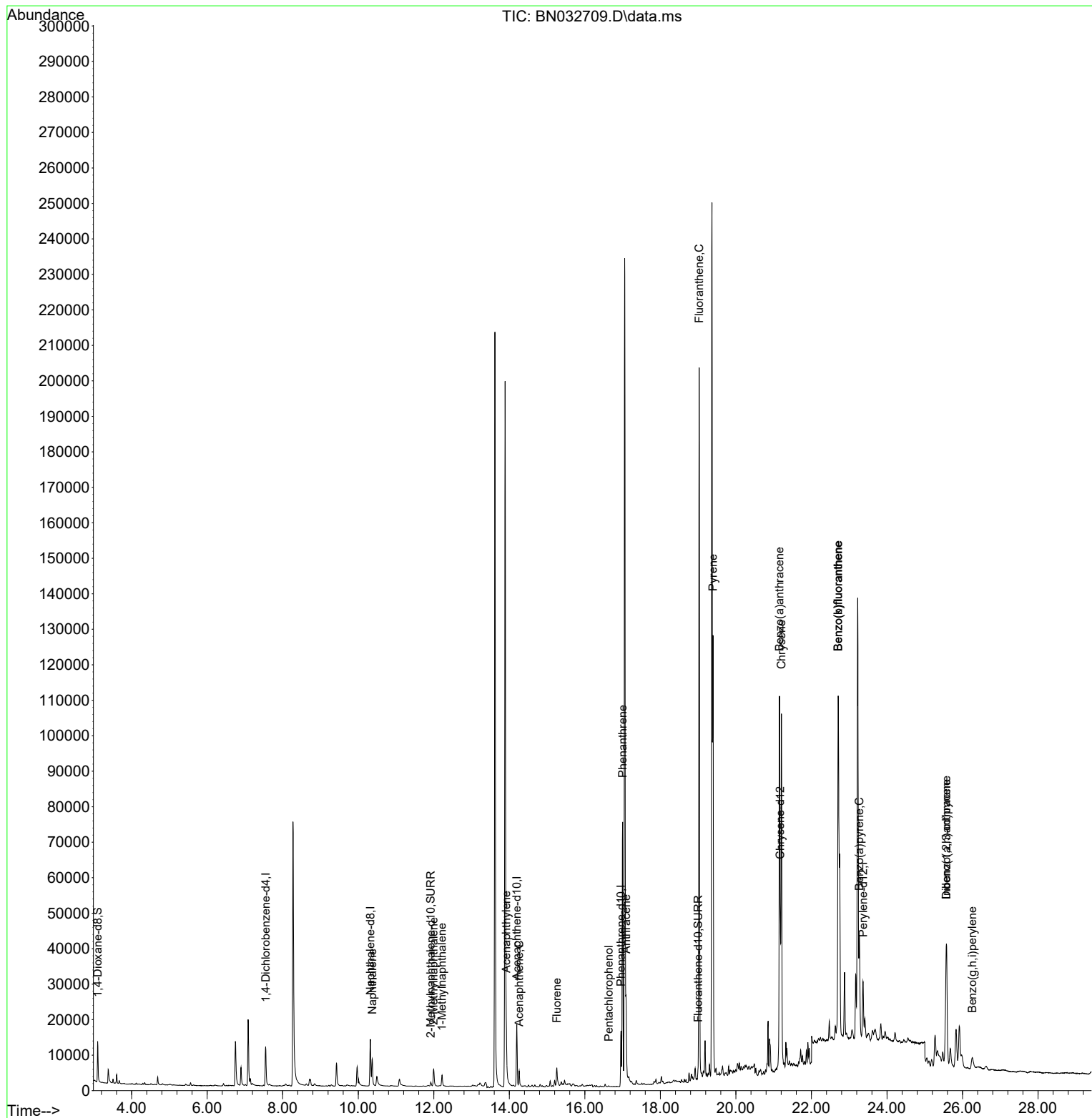
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.549	152	6706	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	19929	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.198	164	10237	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	18684	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	17457	0.400	ng/ul	#-0.02
23) Perylene-d12	23.366	264	21430	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	7682	0.954	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	1915	0.064	ng/ul	-0.05
18) Fluoranthene-d10	18.999	212	3449	0.061	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.371	128	11429	0.214	ng/ul	99
7) 2-Methylnaphthalene	11.999	142	4574	0.137	ng/ul	95
8) 1-Methylnaphthalene	12.219	142	2577	0.075	ng/ul	98
10) Acenaphthylene	13.920	152	19115	0.462	ng/ul	100
11) Acenaphthene	14.262	153	2899	0.085	ng/ul	97
12) Fluorene	15.257	166	4142	0.106	ng/ul#	96
14) Pentachlorophenol	16.636	266	102	0.031	ng/ul	88
15) Phenanthrene	16.999	178	80515	1.582	ng/ul	99
16) Anthracene	17.092	178	23057	0.555	ng/ul	99
19) Fluoranthene	19.027	202	173705	2.447	ng/ul	99
20) Pyrene	19.394	202	105664	1.438	ng/ul	98
21) Benzo(a)anthracene	21.153	228	90697	1.632	ng/ul	95
22) Chrysene	21.206	228	107565	1.338	ng/ul	96
24) Benzo(b)fluoranthene	22.708	252	202222	2.674	ng/ul	96
25) Benzo(k)fluoranthene	22.708	252	163975	1.780	ng/ul	96
26) Benzo(a)pyrene	23.269	252	39241	0.600	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.572	276	47149	0.532	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.572	278	21355	0.311	ng/ul#	68
29) Benzo(g,h,i)perylene	26.257	276	6825	0.092	ng/ul#	47

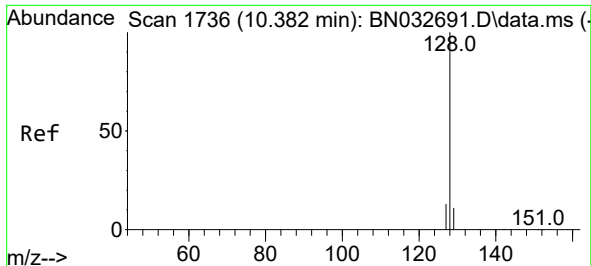
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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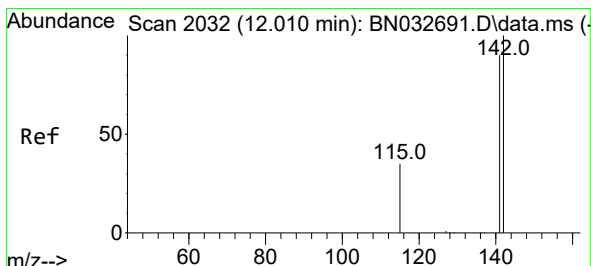
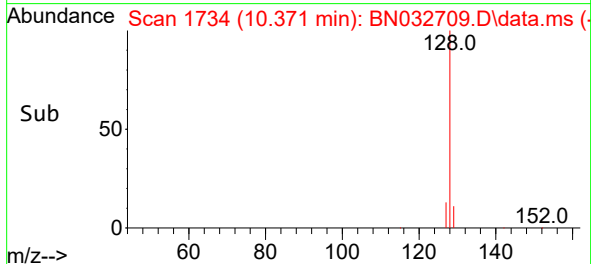
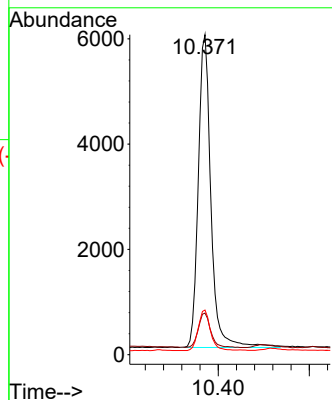
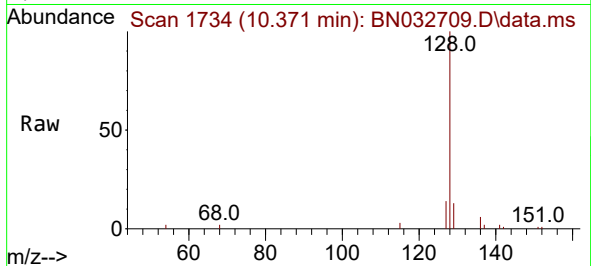




#5
Naphthalene
Concen: 0.214 ng/ul
RT: 10.371 min Scan# 11
Delta R.T. -0.038 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

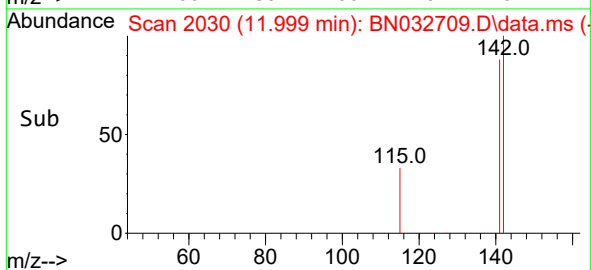
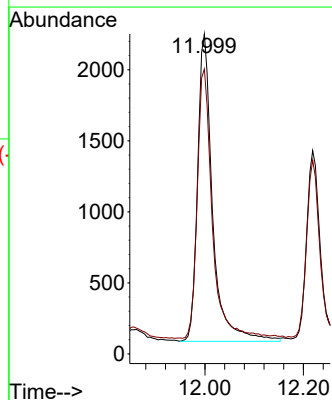
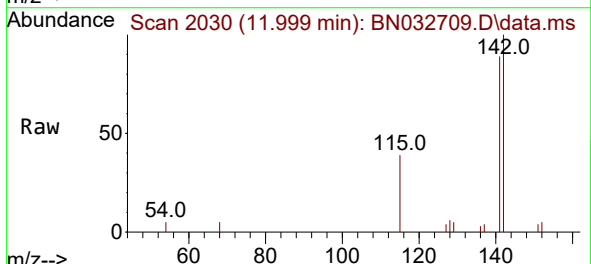
Instrument :
BNA_N
ClientSampleId :
A4CZ2DL

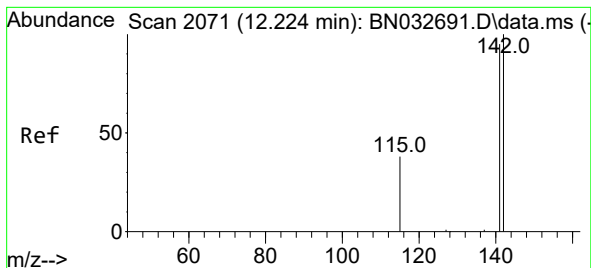
Tgt Ion:128 Resp: 11429
Ion Ratio Lower Upper
128 100
129 13.0 10.0 15.0
127 13.9 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.137 ng/ul
RT: 11.999 min Scan# 2030
Delta R.T. -0.049 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

Tgt Ion:142 Resp: 4574
Ion Ratio Lower Upper
142 100
141 87.8 74.0 111.0

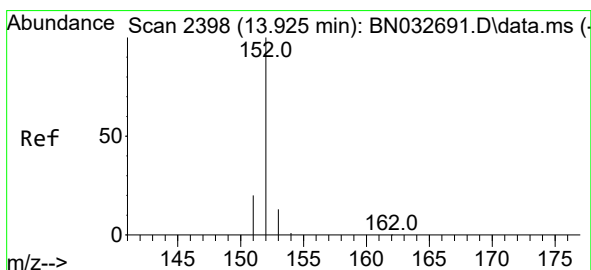
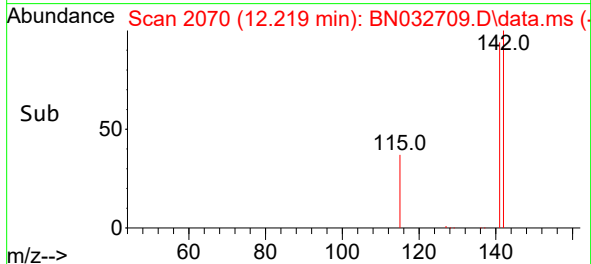
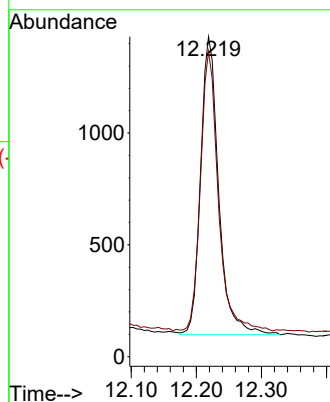
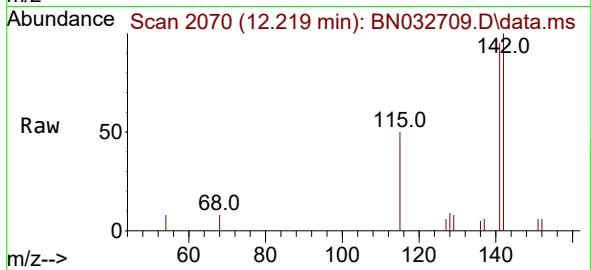




#8
1-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.219 min Scan# 2070
Delta R.T. -0.027 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

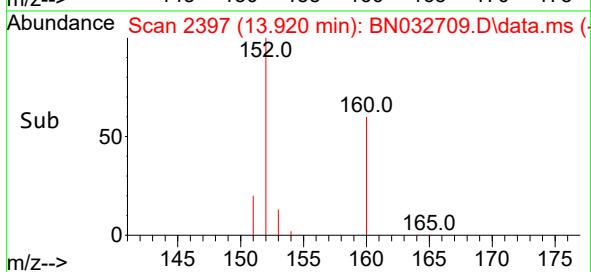
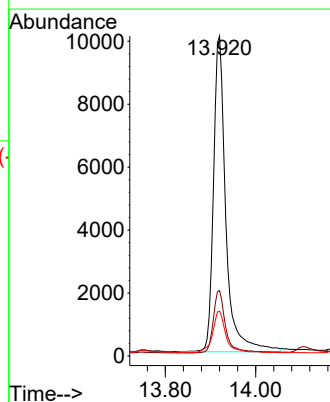
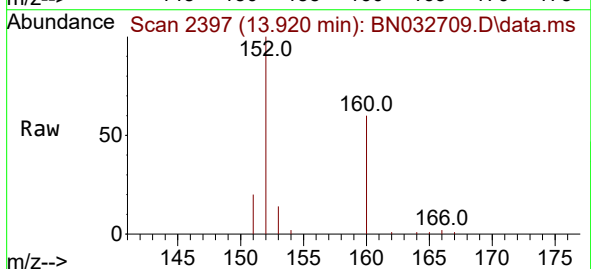
Instrument :
BNA_N
ClientSampleId :
A4CZ2DL

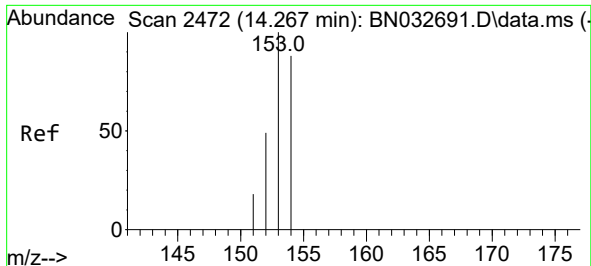
Tgt Ion:142 Resp: 2577
Ion Ratio Lower Upper
142 100
141 91.5 75.0 112.4



#10
Acenaphthylene
Concen: 0.462 ng/ul
RT: 13.920 min Scan# 2397
Delta R.T. -0.023 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

Tgt Ion:152 Resp: 19115
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.0 11.3 16.9

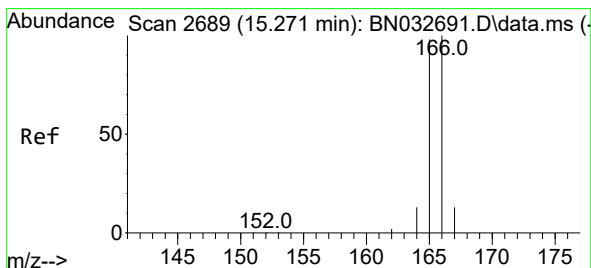
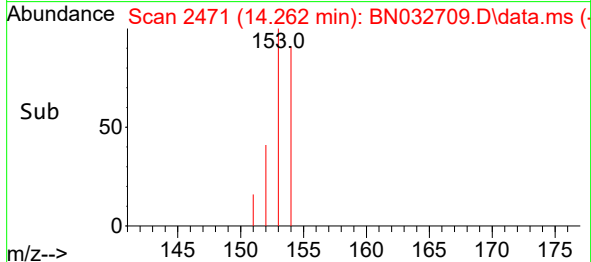
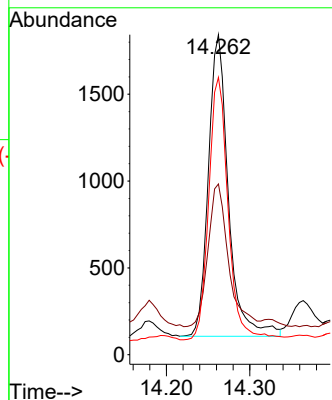
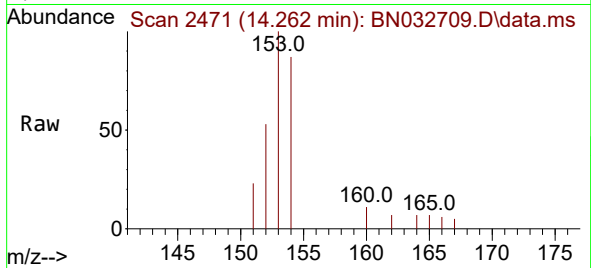




#11
Acenaphthene
Concen: 0.085 ng/u1
RT: 14.262 min Scan# 2471
Delta R.T. -0.018 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

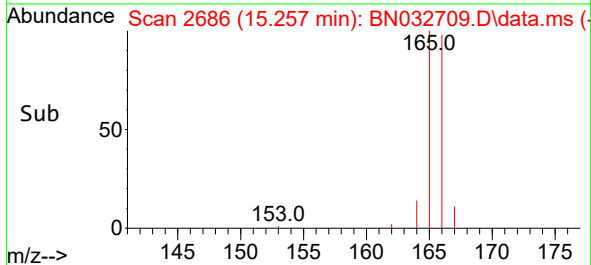
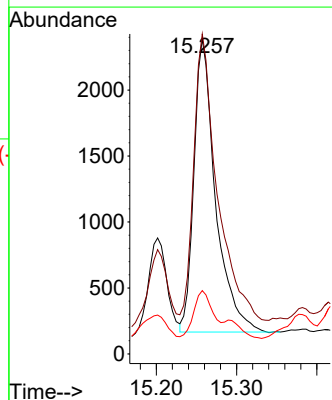
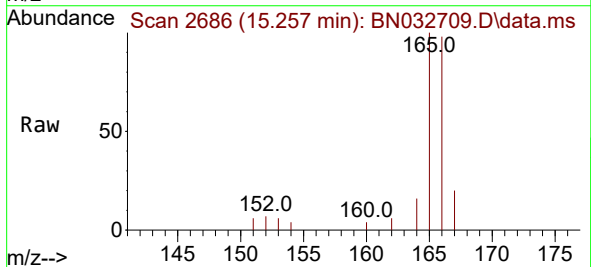
Instrument :
BNA_N
ClientSampleId :
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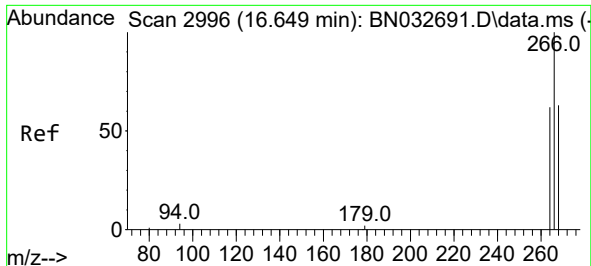
Tgt Ion:153 Resp: 2899
Ion Ratio Lower Upper
153 100
152 53.3 40.0 60.0
154 86.7 70.2 105.4



#12
Fluorene
Concen: 0.106 ng/u1
RT: 15.257 min Scan# 2686
Delta R.T. -0.032 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

Tgt Ion:166 Resp: 4142
Ion Ratio Lower Upper
166 100
165 101.6 79.7 119.5
167 20.1 11.4 17.2#

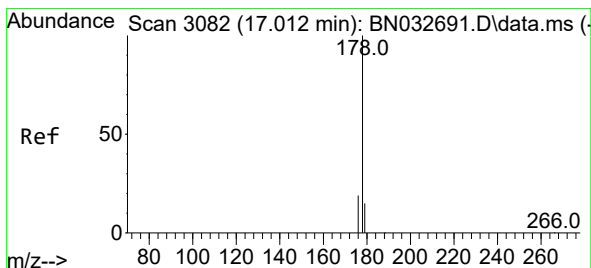
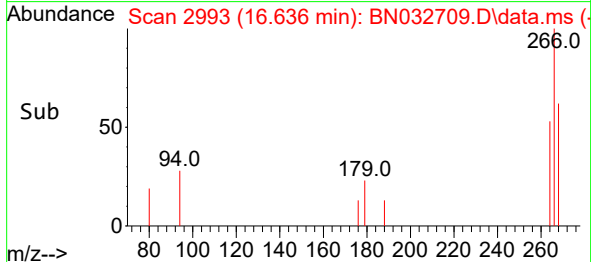
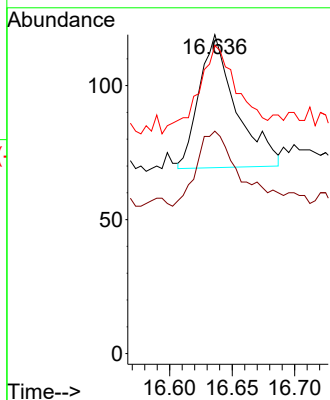
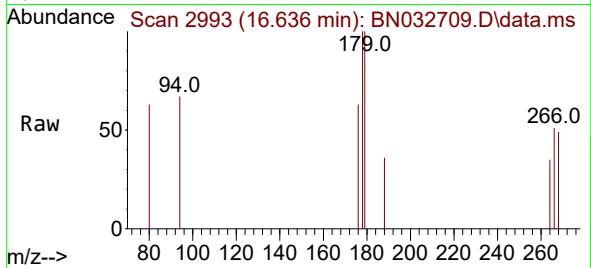




#14
Pentachlorophenol
Concen: 0.031 ng/ul
RT: 16.636 min Scan# 2993
Delta R.T. -0.034 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

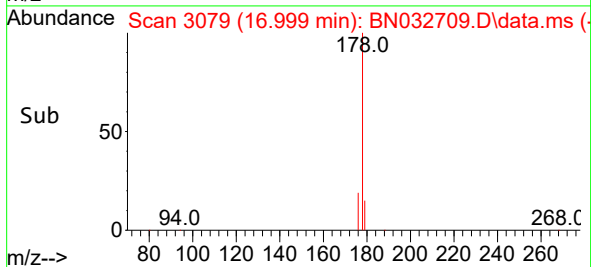
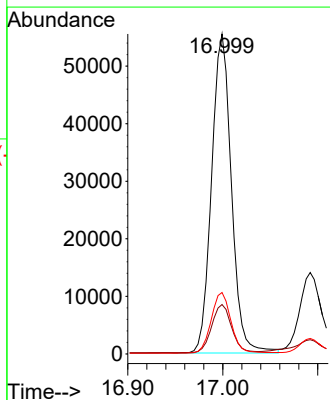
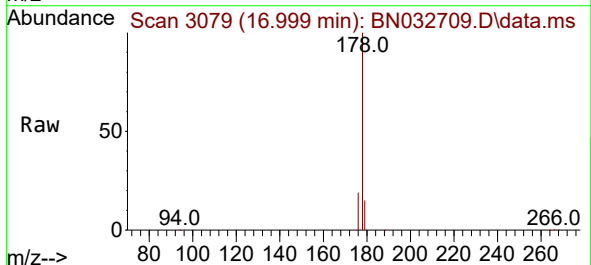
Instrument :
BNA_N
ClientSampleId :
A4CZ2DL

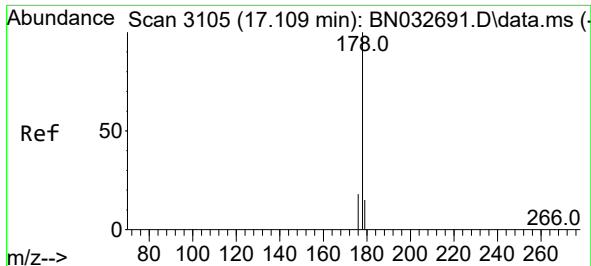
Tgt Ion:266 Resp: 102
Ion Ratio Lower Upper
266 100
264 73.5 49.4 74.2
268 71.6 51.6 77.4



#15
Phenanthrene
Concen: 1.582 ng/ul
RT: 16.999 min Scan# 3079
Delta R.T. -0.029 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

Tgt Ion:178 Resp: 80515
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.2 15.6 23.4

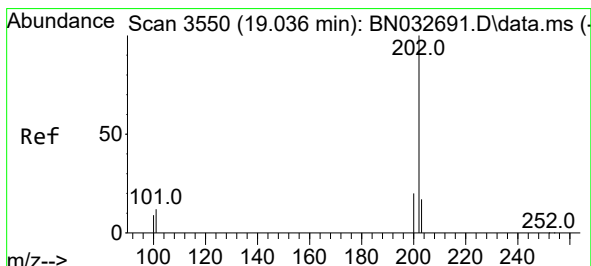
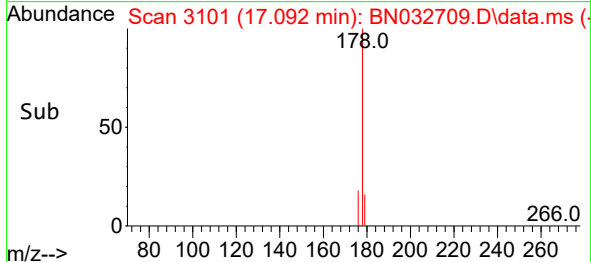
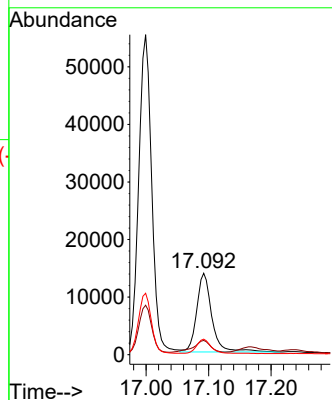
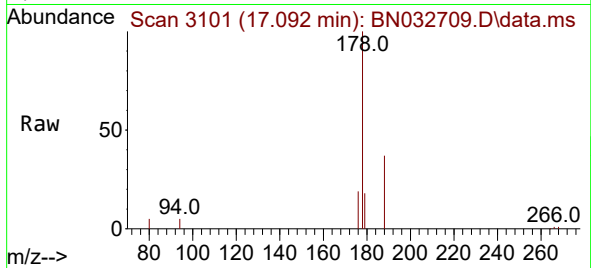




#16
 Anthracene
 Concen: 0.555 ng/ul
 RT: 17.092 min Scan# 3105
 Delta R.T. -0.046 min
 Lab File: BN032709.D
 Acq: 13 Jul 2024 14:31

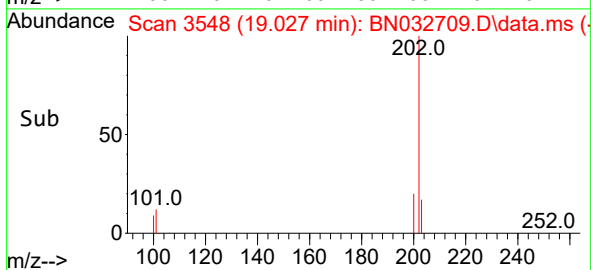
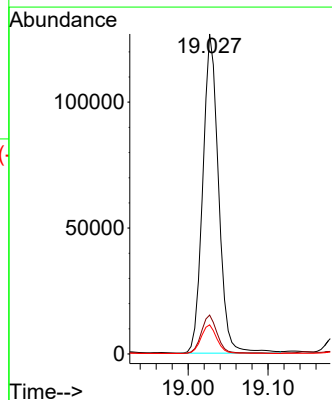
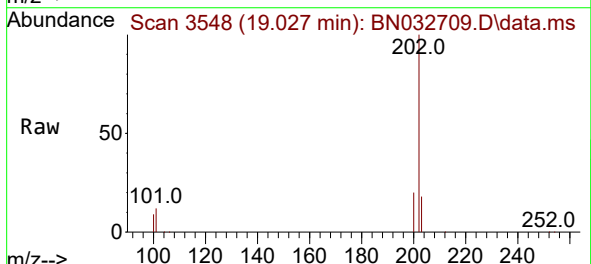
Instrument :
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 ClientSampleId :
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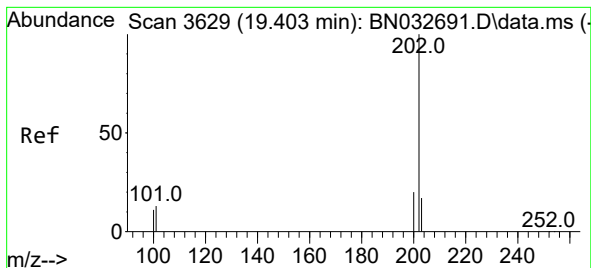
Tgt Ion:178 Resp: 23057
 Ion Ratio Lower Upper
 178 100
 179 17.5 13.4 20.2
 176 19.0 15.4 23.0



#19
 Fluoranthene
 Concen: 2.447 ng/ul
 RT: 19.027 min Scan# 3548
 Delta R.T. -0.028 min
 Lab File: BN032709.D
 Acq: 13 Jul 2024 14:31

Tgt Ion:202 Resp: 173705
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.8 14.8
 100 9.1 7.9 11.9





#20

Pyrene

Concen: 1.438 ng/ul

RT: 19.394 min Scan# 30

Delta R.T. -0.028 min

Lab File: BN032709.D

Acq: 13 Jul 2024 14:31

Instrument :

BNA_N

ClientSampleId :

A4CZ2DL

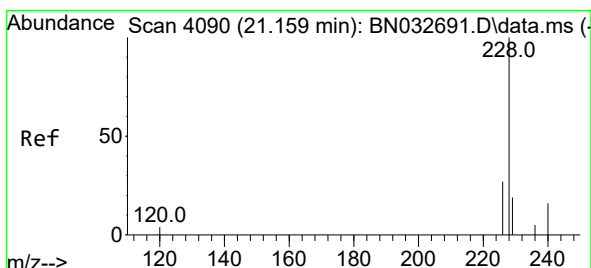
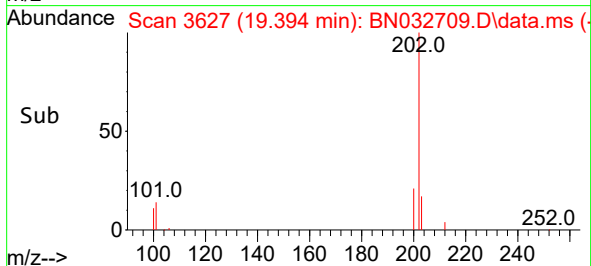
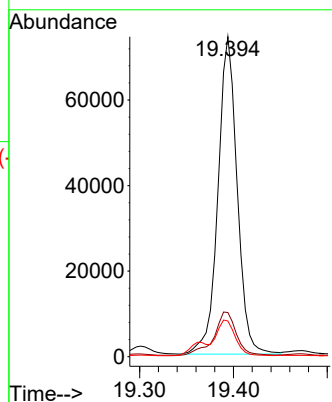
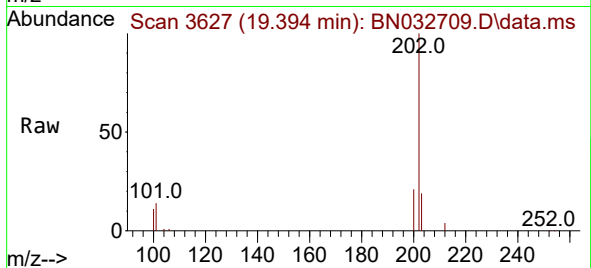
Tgt Ion:202 Resp: 105664

Ion Ratio Lower Upper

202 100

101 13.8 11.8 17.6

100 11.1 9.6 14.4



#21

Benzo(a)anthracene

Concen: 1.632 ng/ul

RT: 21.153 min Scan# 4088

Delta R.T. -0.029 min

Lab File: BN032709.D

Acq: 13 Jul 2024 14:31

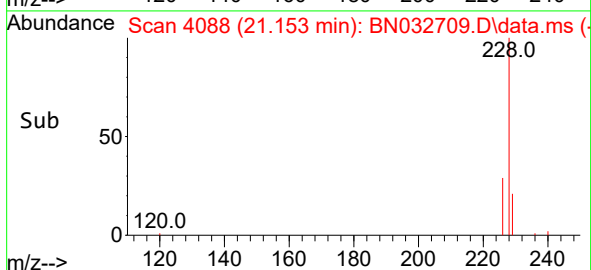
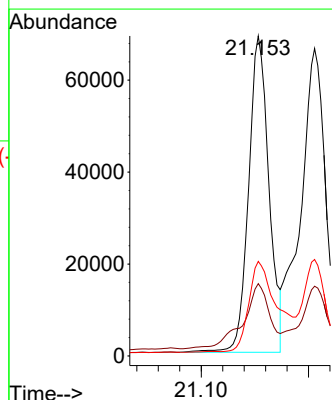
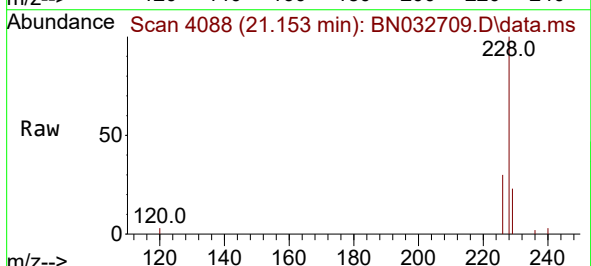
Tgt Ion:228 Resp: 90697

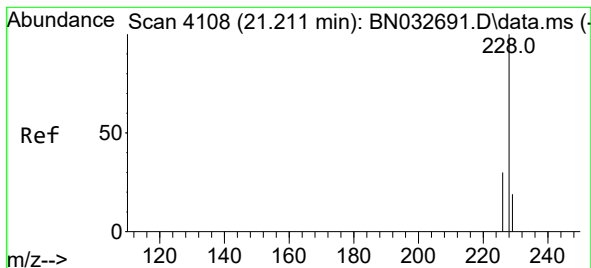
Ion Ratio Lower Upper

228 100

229 22.6 16.1 24.1

226 29.6 21.9 32.9





#22

Chrysene

Concen: 1.338 ng/ul

RT: 21.206 min Scan# 4106

Delta R.T. -0.026 min

Lab File: BN032709.D

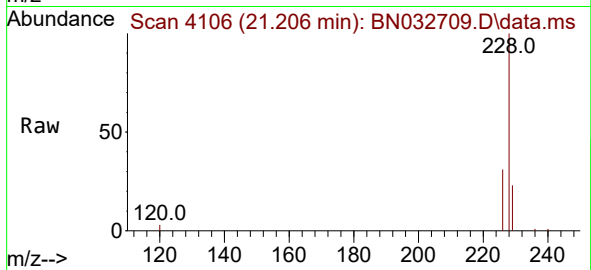
Acq: 13 Jul 2024 14:31

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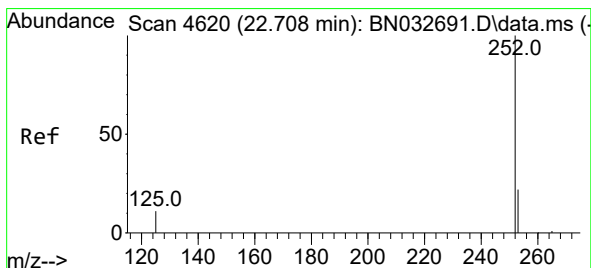
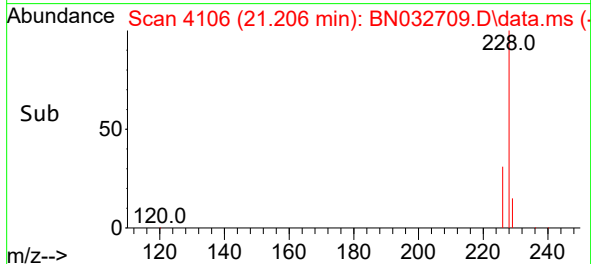
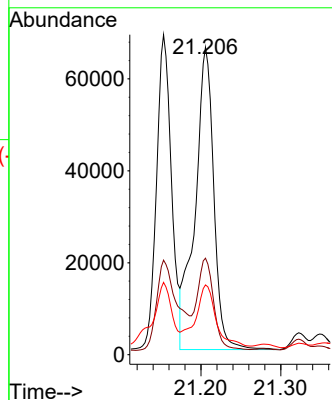
Tgt Ion:228 Resp: 107565

Ion Ratio Lower Upper

228 100

226 31.4 24.0 36.0

229 22.7 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 2.674 ng/ul

RT: 22.708 min Scan# 4620

Delta R.T. -0.026 min

Lab File: BN032709.D

Acq: 13 Jul 2024 14:31

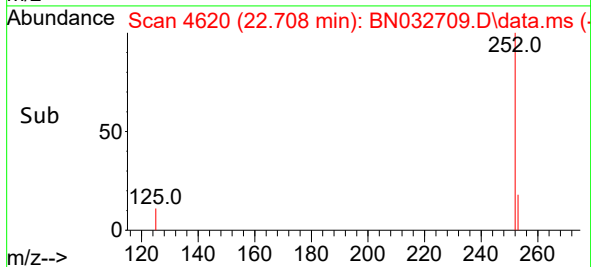
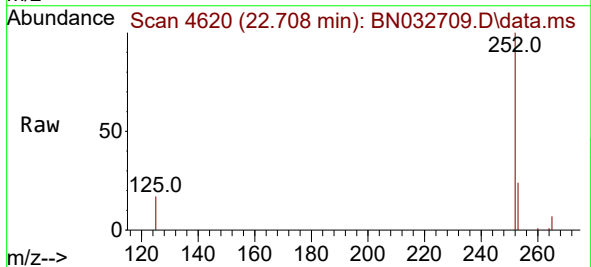
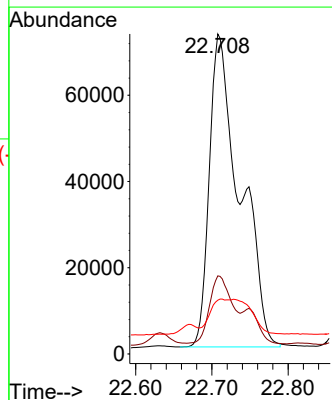
Tgt Ion:252 Resp: 202222

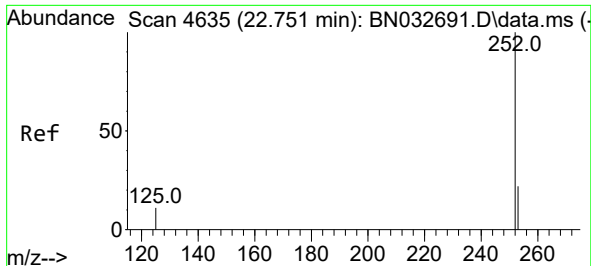
Ion Ratio Lower Upper

252 100

253 24.4 0.0 54.0

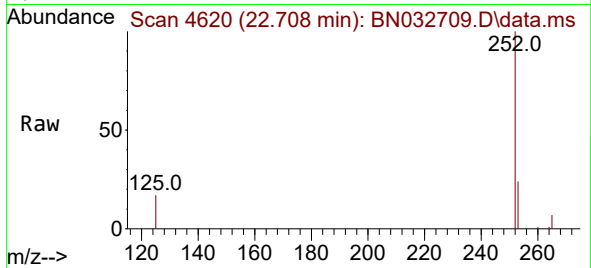
125 16.8 0.0 36.0



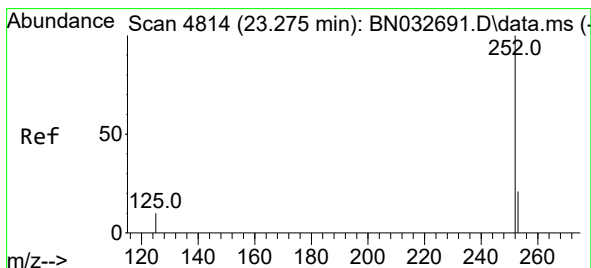
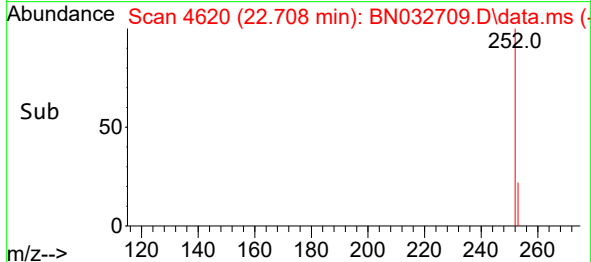
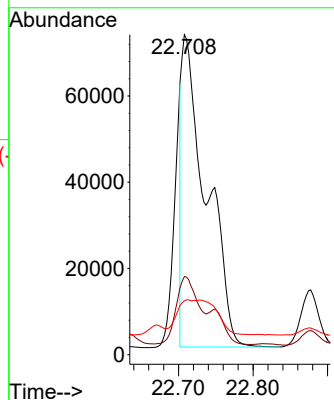


#25
Benzo(k)fluoranthene
Concen: 1.780 ng/ul
RT: 22.708 min Scan# 4620
Delta R.T. -0.070 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

Instrument :
BNA_N
ClientSampleId :
A4CZ2DL

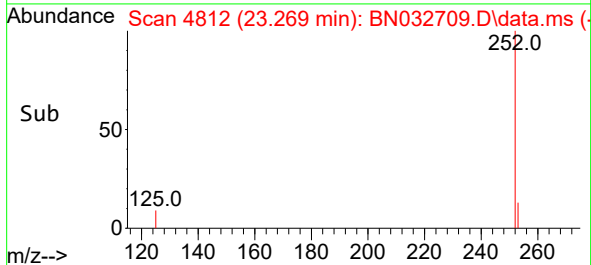
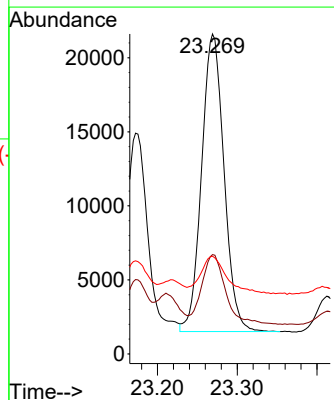
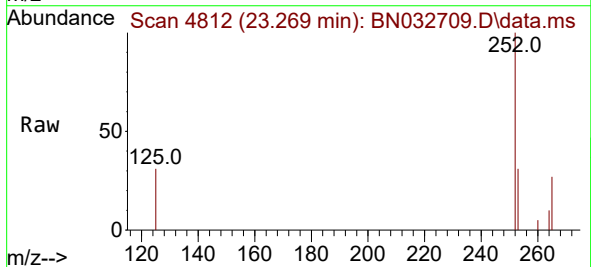


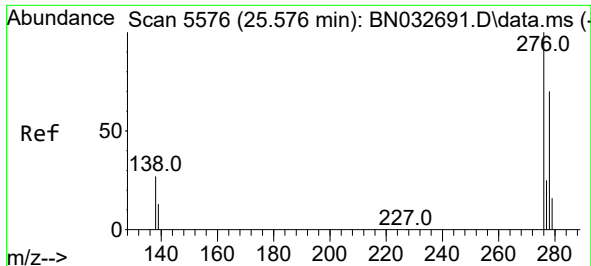
Tgt Ion:252 Resp: 163975
Ion Ratio Lower Upper
252 100
253 24.4 21.2 31.8
125 16.8 14.8 22.2



#26
Benzo(a)pyrene
Concen: 0.600 ng/ul
RT: 23.269 min Scan# 4812
Delta R.T. -0.041 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

Tgt Ion:252 Resp: 39241
Ion Ratio Lower Upper
252 100
253 31.0 25.4 38.0
125 30.5 20.6 30.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.532 ng/ul

RT: 25.572 min Scan# 5575

Delta R.T. -0.054 min

Lab File: BN032709.D

Acq: 13 Jul 2024 14:31

Instrument :

BNA_N

ClientSampleId :

A4CZ2DL

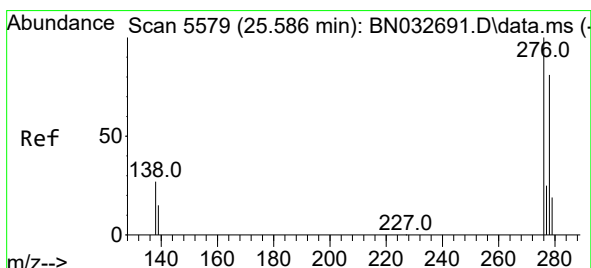
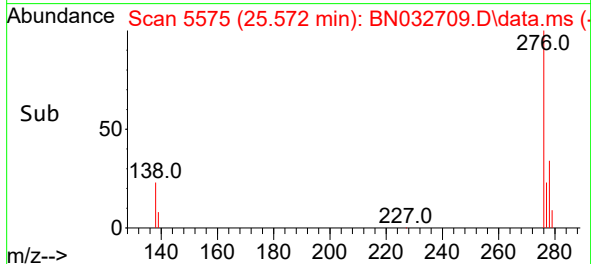
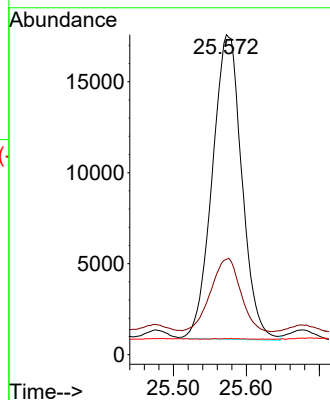
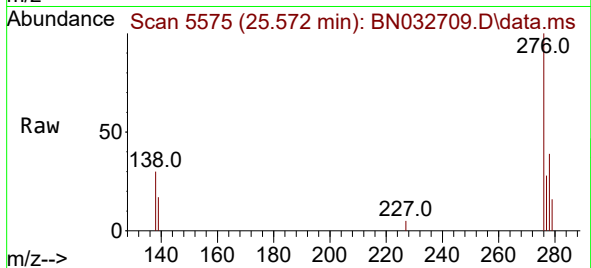
Tgt Ion:276 Resp: 47149

Ion Ratio Lower Upper

276 100

138 24.9 21.6 32.4

227 0.3 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.311 ng/ul

RT: 25.572 min Scan# 5575

Delta R.T. -0.067 min

Lab File: BN032709.D

Acq: 13 Jul 2024 14:31

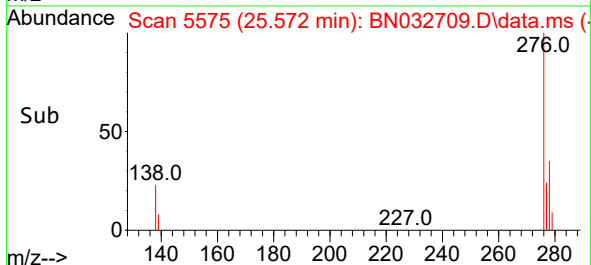
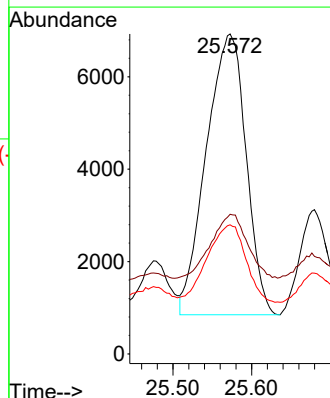
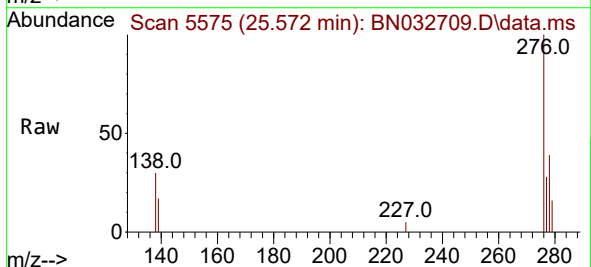
Tgt Ion:278 Resp: 21355

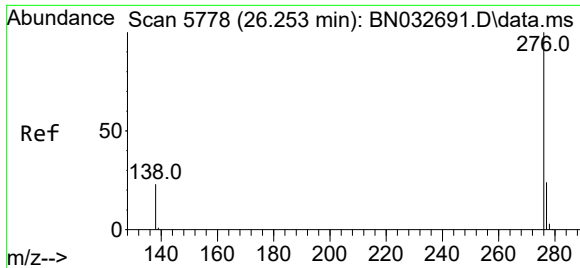
Ion Ratio Lower Upper

278 100

139 43.6 16.6 24.8#

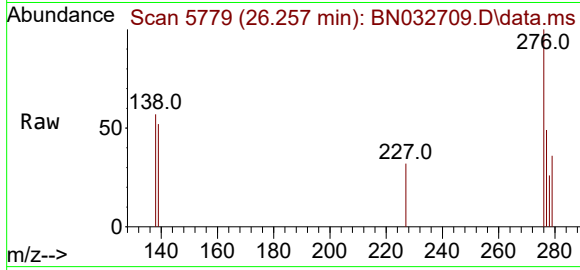
279 40.3 23.7 35.5#





#29
Benzo(g,h,i)perylene
Concen: 0.092 ng/ul
RT: 26.257 min Scan# 51
Delta R.T. -0.043 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

Instrument :
BNA_N
ClientSampleId :
A4CZ2DL



Tgt Ion:276 Resp: 6825
Ion Ratio Lower Upper
276 100
138 57.4 21.0 31.4#
277 48.9 20.6 31.0#

