

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032961.D
 Acq On : 24 Jul 2024 23:13
 Operator : MA/JU
 Sample : P3215-14DL 5X
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D31DL

Quant Time: Jul 25 00:49:57 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

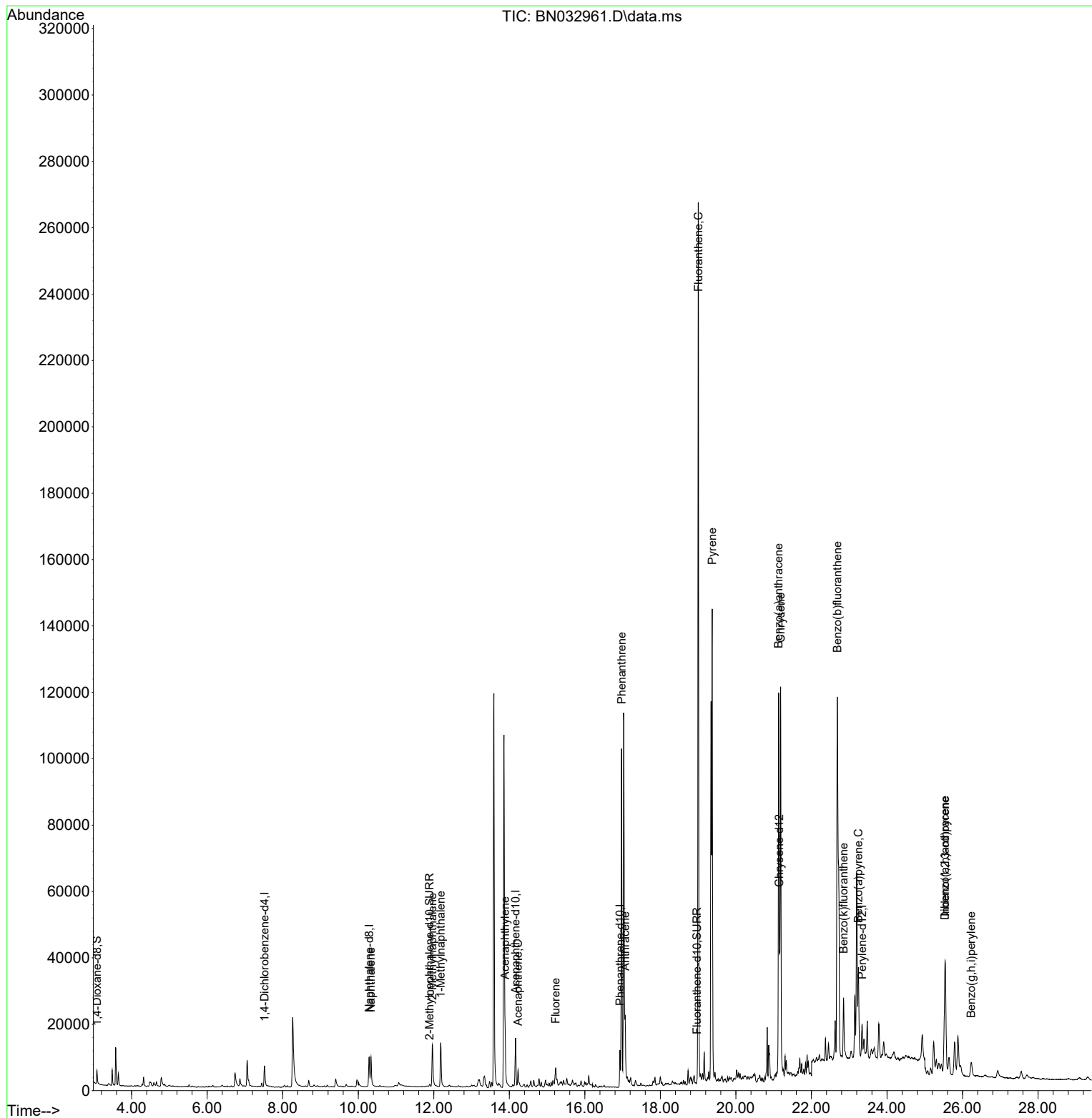
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	4374	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.288	136	14516	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.165	164	8213	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.932	188	13654	0.400	ng/ul	-0.03
17) Chrysene-d12	21.147	240	10679	0.400	ng/ul	#-0.02
23) Perylene-d12	23.342	264	13594	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.080	96	3192	0.608	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.889	152	1051	0.048	ng/ul	-0.04
18) Fluoranthene-d10	18.971	212	1566	0.045	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.338	128	14666	0.376	ng/ul	99
7) 2-Methylnaphthalene	11.966	142	12550	0.516	ng/ul	97
8) 1-Methylnaphthalene	12.186	142	11101	0.441	ng/ul	100
10) Acenaphthylene	13.888	152	18770	0.566	ng/ul	98
11) Acenaphthene	14.230	153	3613	0.132	ng/ul	97
12) Fluorene	15.229	166	4210	0.134	ng/ul#	95
15) Phenanthrene	16.974	178	108958	2.930	ng/ul	99
16) Anthracene	17.067	178	21475	0.707	ng/ul	98
19) Fluoranthene	19.004	202	227886	5.249	ng/ul	99
20) Pyrene	19.371	202	123528	2.749	ng/ul	99
21) Benzo(a)anthracene	21.133	228	97040	2.855	ng/ul	98
22) Chrysene	21.185	228	124615	2.534	ng/ul	97
24) Benzo(b)fluoranthene	22.684	252	223138	4.652	ng/ul	94
25) Benzo(k)fluoranthene	22.851	252	21825	0.373	ng/ul#	82
26) Benzo(a)pyrene	23.243	252	38555	0.929	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.542	276	45960	0.818	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.536	278	22297	0.512	ng/ul#	71
29) Benzo(g,h,i)perylene	26.226	276	6422	0.137	ng/ul#	49

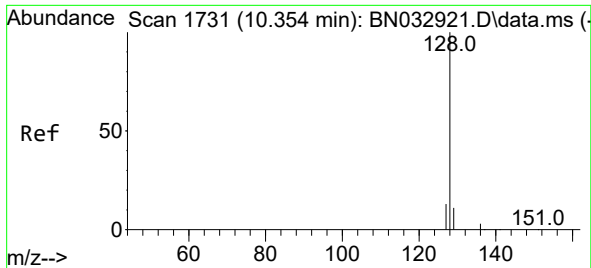
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
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Quant Time: Jul 25 00:49:57 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

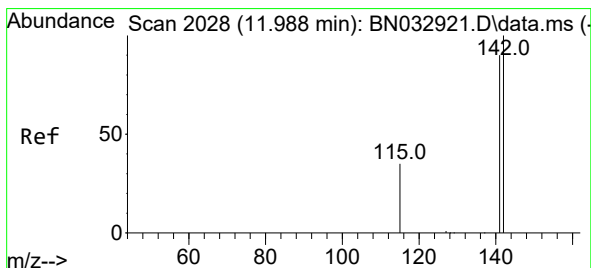
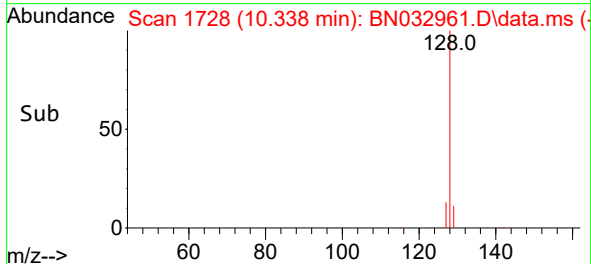
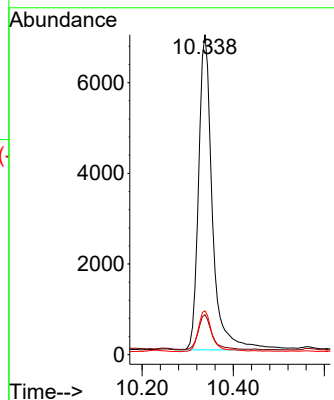
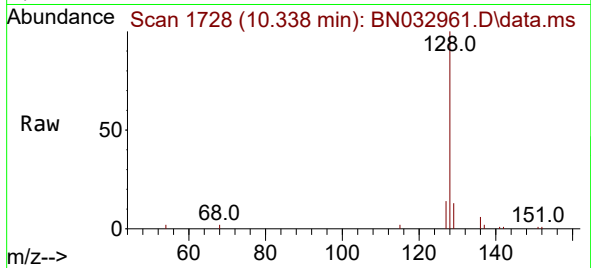




#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.338 min Scan# 1728
Delta R.T. -0.026 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

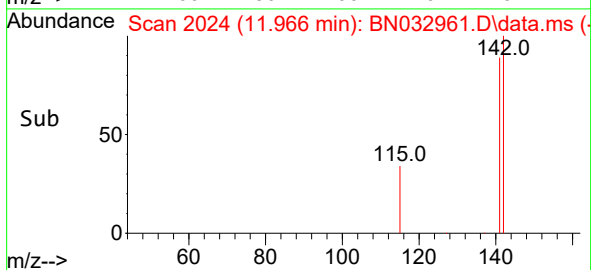
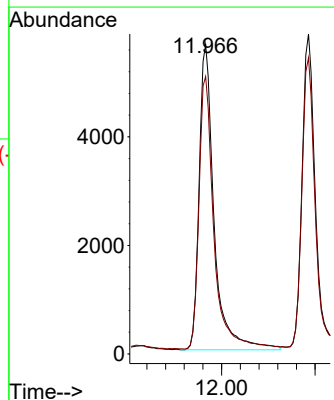
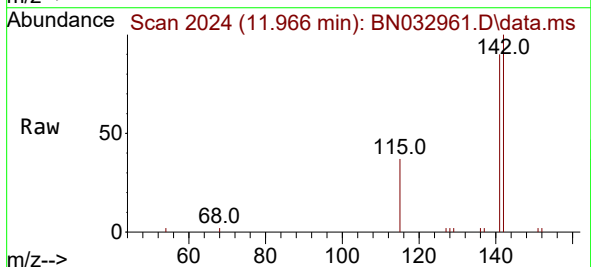
Instrument :
BNA_N
ClientSampleId :
A4D31DL

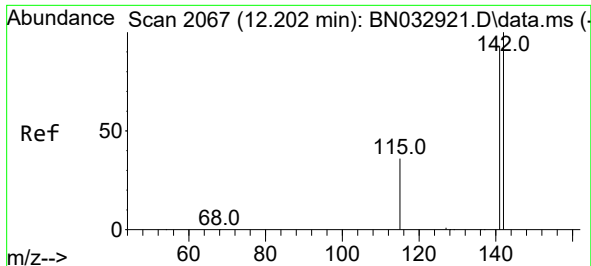
Tgt Ion:128 Resp: 14666
Ion Ratio Lower Upper
128 100
129 12.5 10.0 15.0
127 13.7 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.516 ng/ul
RT: 11.966 min Scan# 2024
Delta R.T. -0.031 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

Tgt Ion:142 Resp: 12550
Ion Ratio Lower Upper
142 100
141 89.2 74.0 111.0

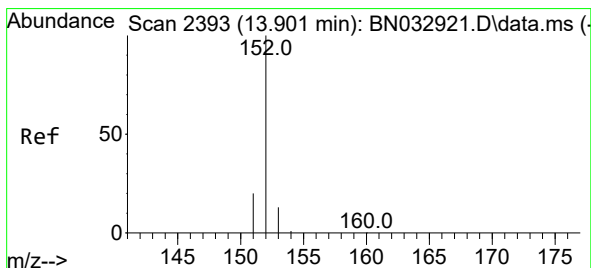
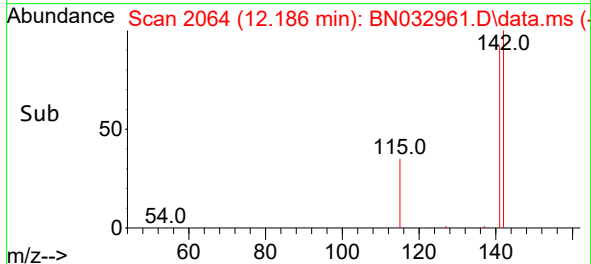
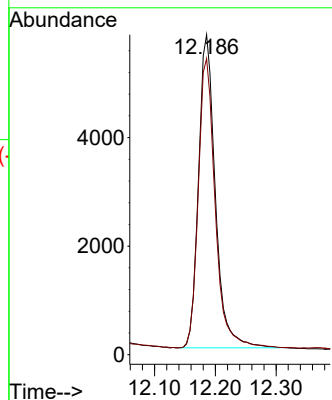
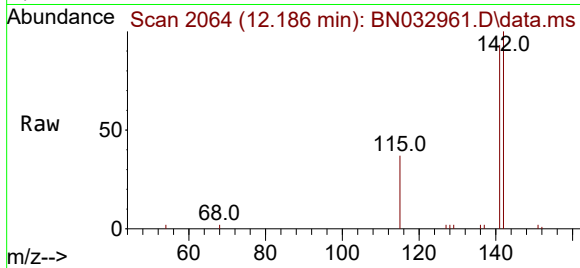




#8
1-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.186 min Scan# 2067
Delta R.T. -0.026 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

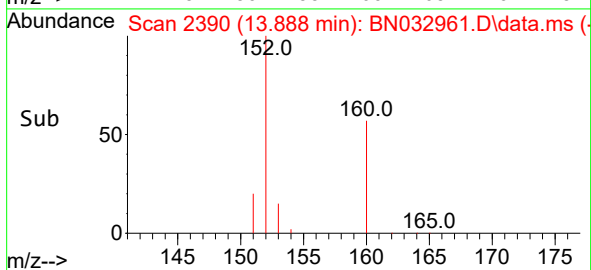
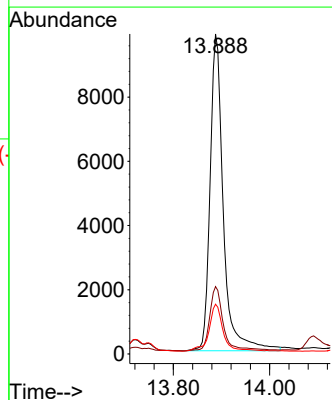
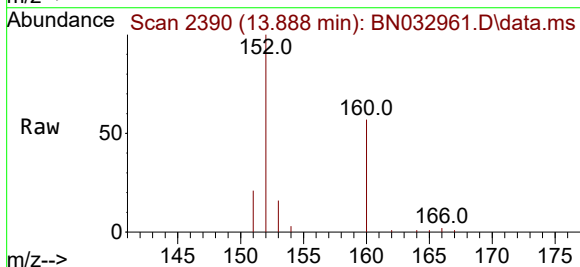
Instrument :
BNA_N
ClientSampleId :
A4D31DL

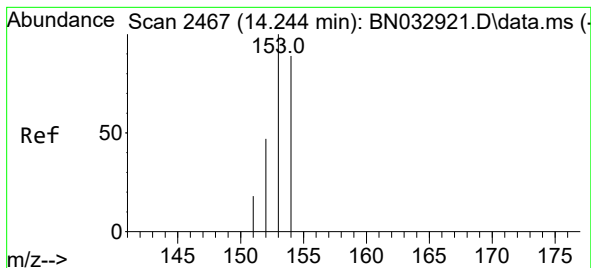
Tgt Ion:142 Resp: 11101
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.4



#10
Acenaphthylene
Concen: 0.566 ng/ul
RT: 13.888 min Scan# 2390
Delta R.T. -0.026 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

Tgt Ion:152 Resp: 18770
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 15.5 11.3 16.9





#11

Acenaphthene

Concen: 0.132 ng/ul

RT: 14.230 min Scan# 2467

Delta R.T. -0.022 min

Lab File: BN032961.D

Acq: 24 Jul 2024 23:13

Instrument :

BNA_N

ClientSampleId :

A4D31DL

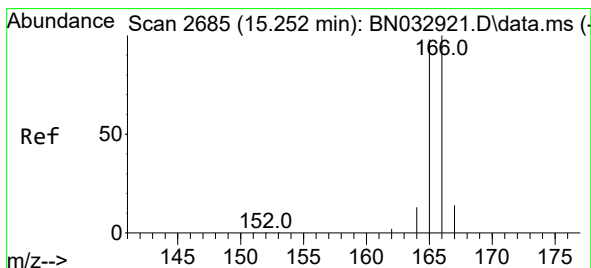
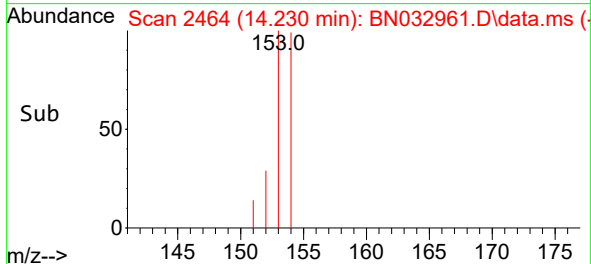
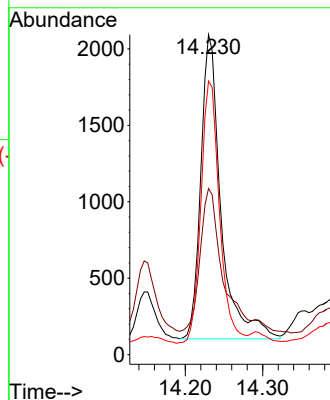
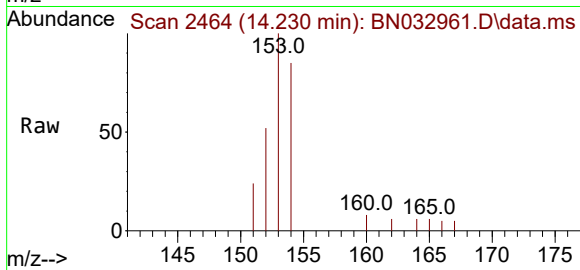
Tgt Ion:153 Resp: 3613

Ion Ratio Lower Upper

153 100

152 51.9 40.0 60.0

154 85.5 70.2 105.4



#12

Fluorene

Concen: 0.134 ng/ul

RT: 15.229 min Scan# 2680

Delta R.T. -0.031 min

Lab File: BN032961.D

Acq: 24 Jul 2024 23:13

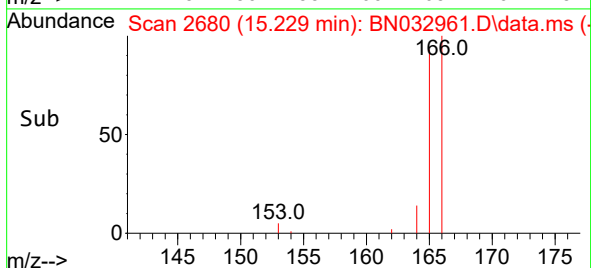
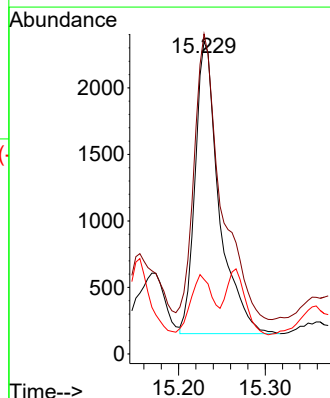
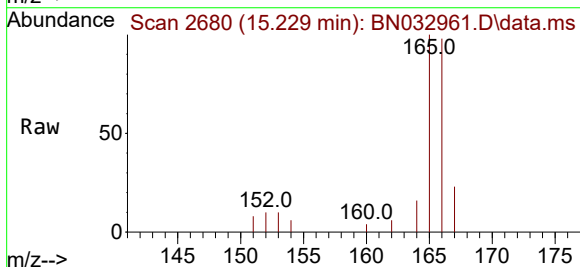
Tgt Ion:166 Resp: 4210

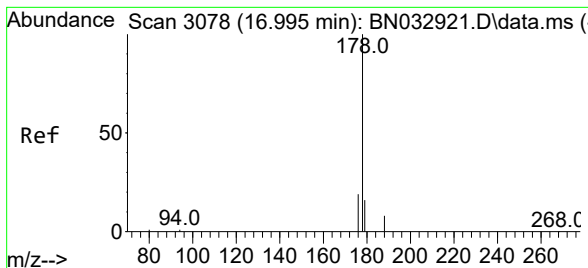
Ion Ratio Lower Upper

166 100

165 102.3 79.7 119.5

167 23.8 11.4 17.2#





#15

Phenanthrene

Concen: 2.930 ng/ul

RT: 16.974 min Scan# 3073

Delta R.T. -0.028 min

Lab File: BN032961.D

Acq: 24 Jul 2024 23:13

Instrument :

BNA_N

ClientSampleId :

A4D31DL

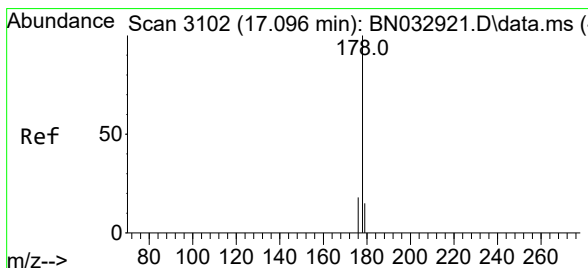
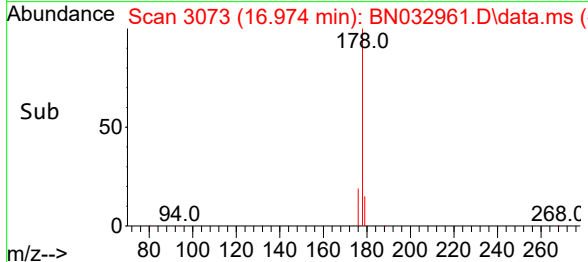
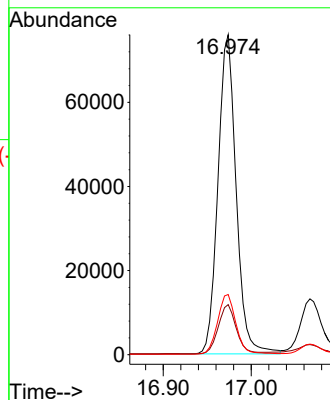
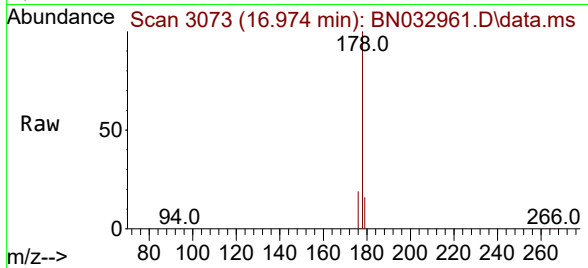
Tgt Ion:178 Resp: 108958

Ion Ratio Lower Upper

178 100

179 15.6 13.0 19.4

176 18.8 15.6 23.4



#16

Anthracene

Concen: 0.707 ng/ul

RT: 17.067 min Scan# 3095

Delta R.T. -0.032 min

Lab File: BN032961.D

Acq: 24 Jul 2024 23:13

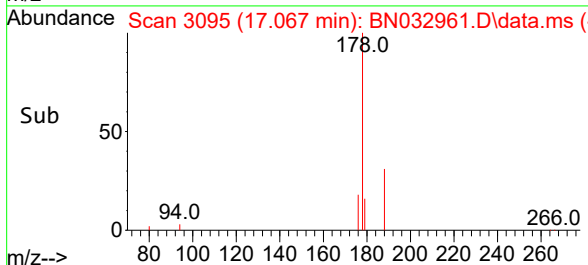
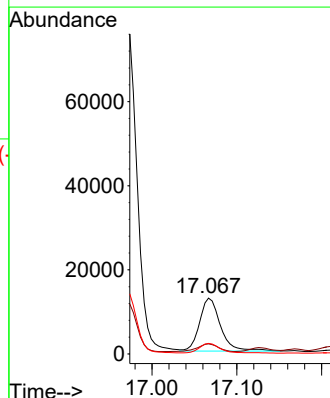
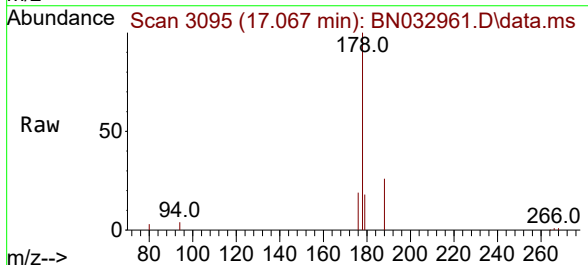
Tgt Ion:178 Resp: 21475

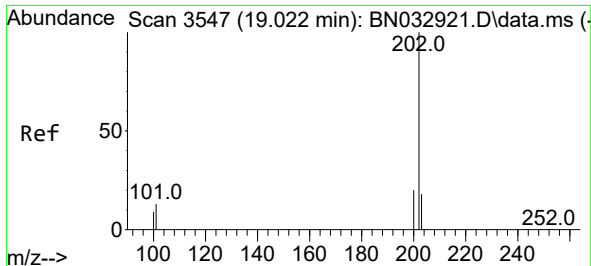
Ion Ratio Lower Upper

178 100

179 18.0 13.4 20.2

176 19.0 15.4 23.0

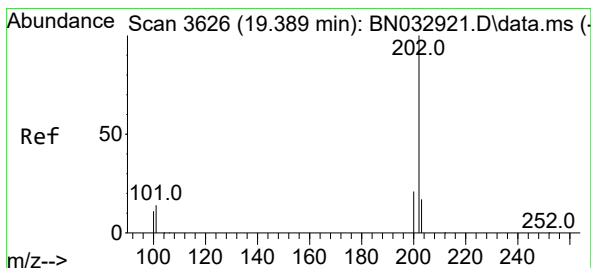
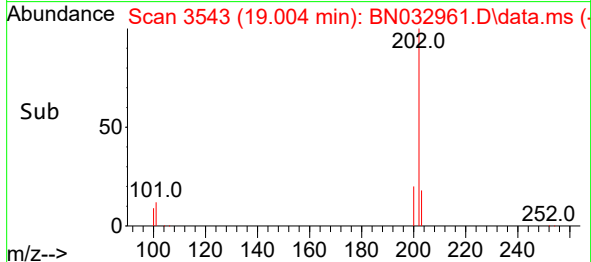
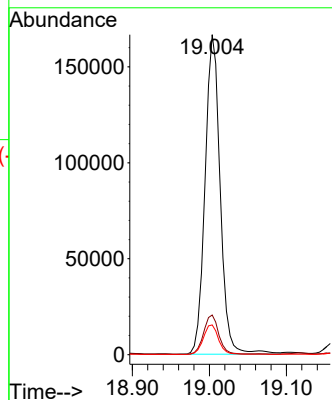
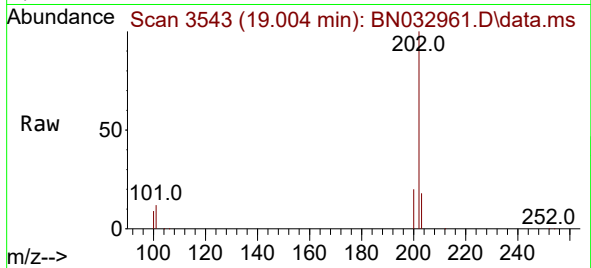




#19
Fluoranthene
Concen: 5.249 ng/ul
RT: 19.004 min Scan# 3543
Delta R.T. -0.022 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

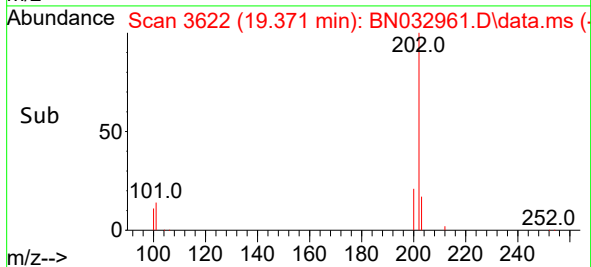
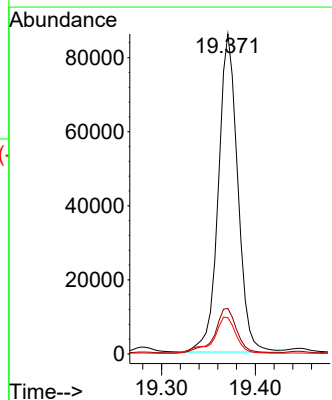
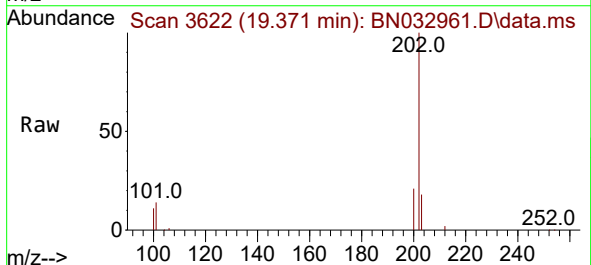
Instrument :
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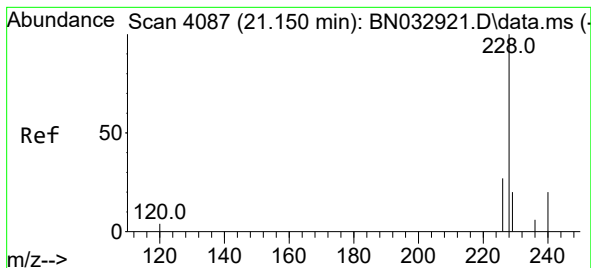
Tgt Ion:202 Resp: 227886
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 9.3 7.9 11.9



#20
Pyrene
Concen: 2.749 ng/ul
RT: 19.371 min Scan# 3622
Delta R.T. -0.022 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

Tgt Ion:202 Resp: 123528
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 11.4 9.6 14.4





#21

Benzo(a)anthracene

Concen: 2.855 ng/ul

RT: 21.133 min Scan# 4081

Delta R.T. -0.018 min

Lab File: BN032961.D

Acq: 24 Jul 2024 23:13

Instrument :

BNA_N

ClientSampleId :

A4D31DL

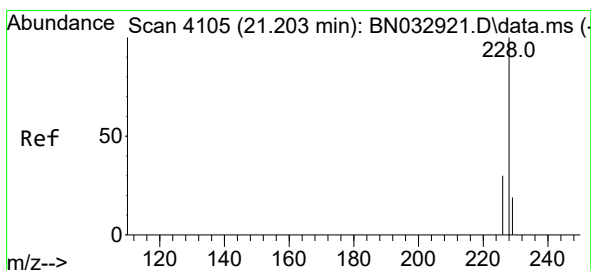
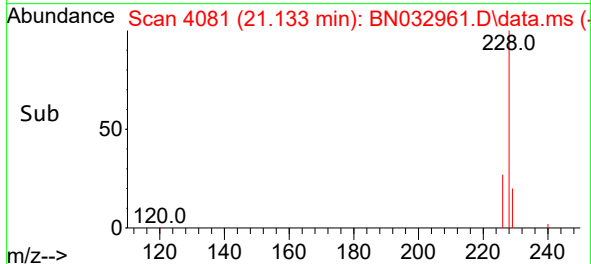
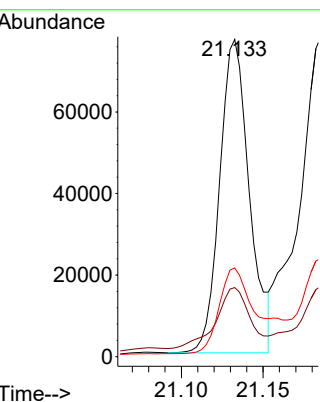
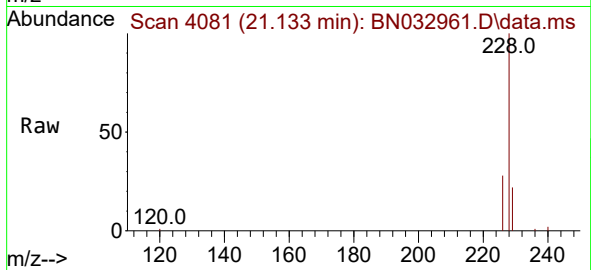
Tgt Ion:228 Resp: 97040

Ion Ratio Lower Upper

228 100

229 21.8 16.1 24.1

226 28.0 21.9 32.9



#22

Chrysene

Concen: 2.534 ng/ul

RT: 21.185 min Scan# 4099

Delta R.T. -0.018 min

Lab File: BN032961.D

Acq: 24 Jul 2024 23:13

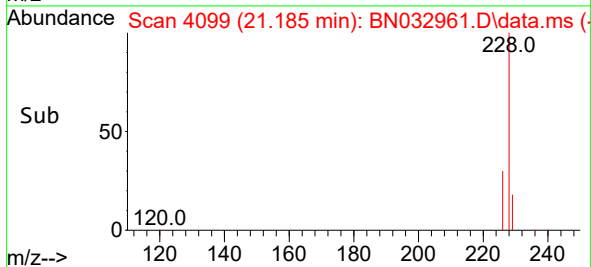
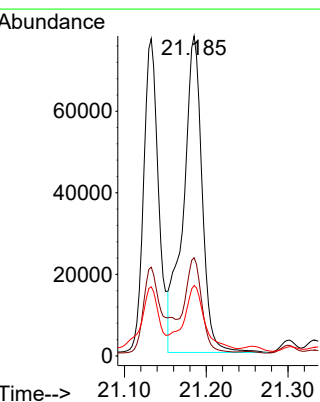
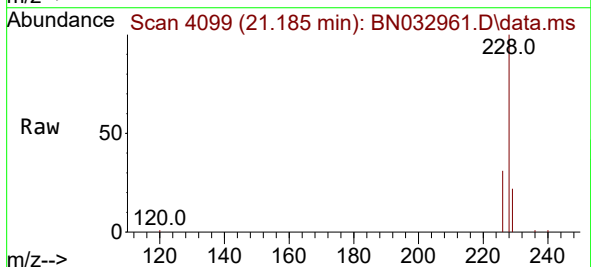
Tgt Ion:228 Resp: 124615

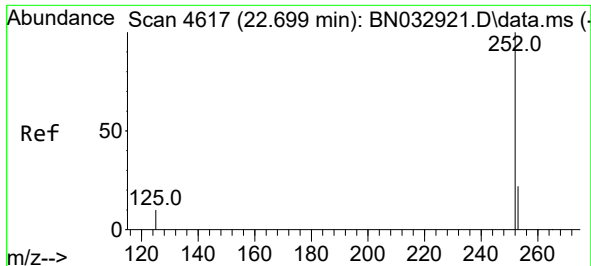
Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

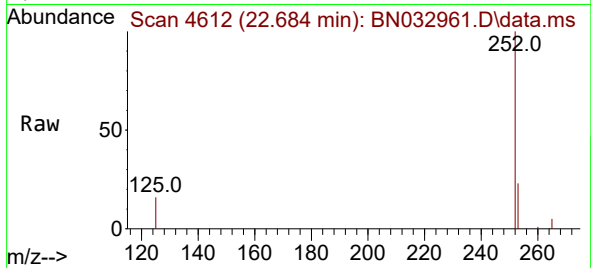
229 22.0 15.8 23.6



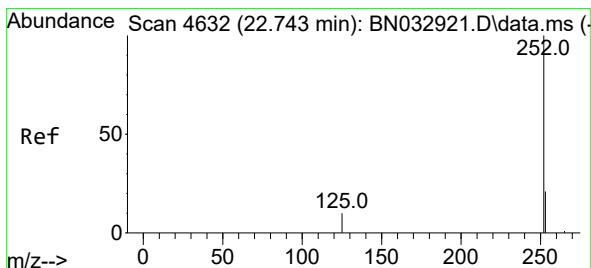
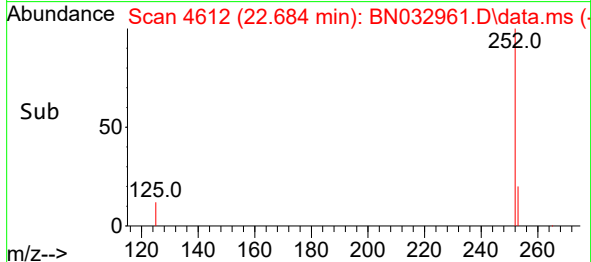
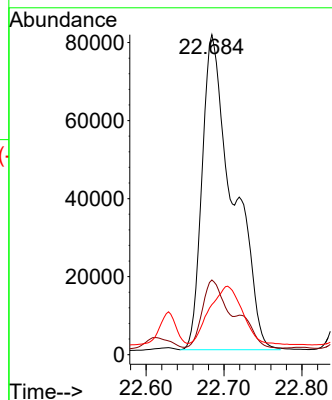


#24
Benzo(b)fluoranthene
Concen: 4.652 ng/ul
RT: 22.684 min Scan# 4612
Delta R.T. -0.015 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

Instrument :
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ClientSampleId :
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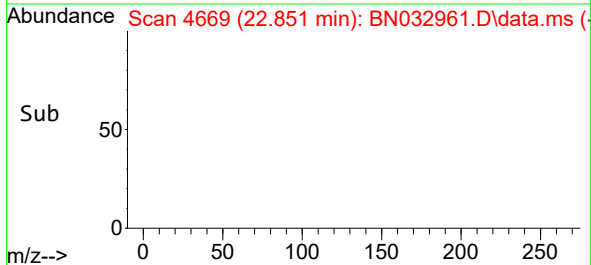
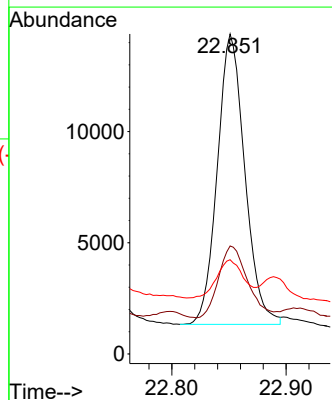
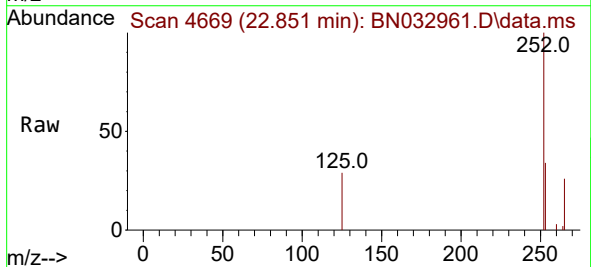


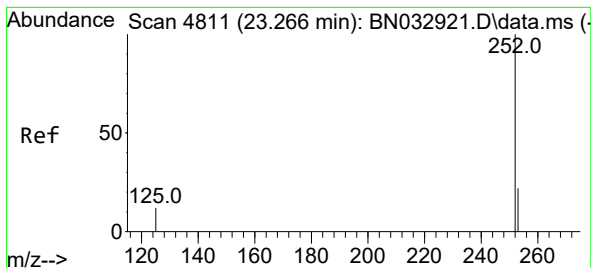
Tgt Ion:252 Resp: 223138
Ion Ratio Lower Upper
252 100
253 23.4 0.0 54.0
125 15.7 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 22.851 min Scan# 4669
Delta R.T. 0.111 min
Lab File: BN032961.D
Acq: 24 Jul 2024 23:13

Tgt Ion:252 Resp: 21825
Ion Ratio Lower Upper
252 100
253 33.8 21.2 31.8#
125 29.5 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.929 ng/ul

RT: 23.243 min Scan# 4811

Delta R.T. -0.021 min

Lab File: BN032961.D

Acq: 24 Jul 2024 23:13

Instrument :

BNA_N

ClientSampleId :

A4D31DL

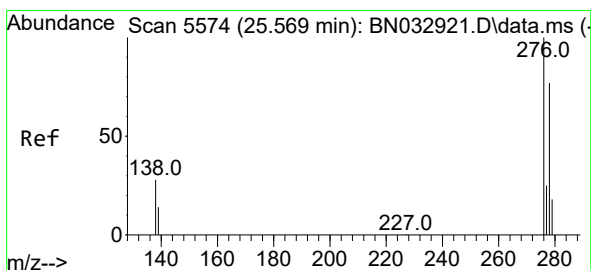
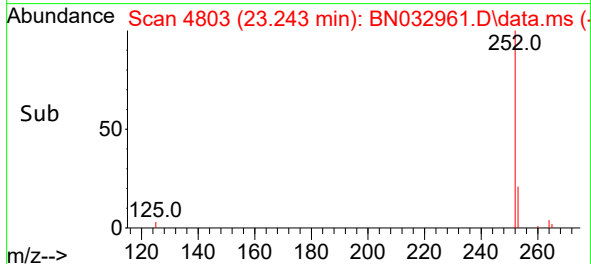
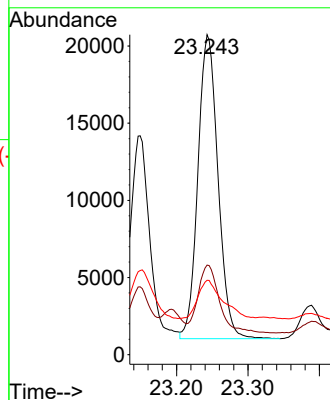
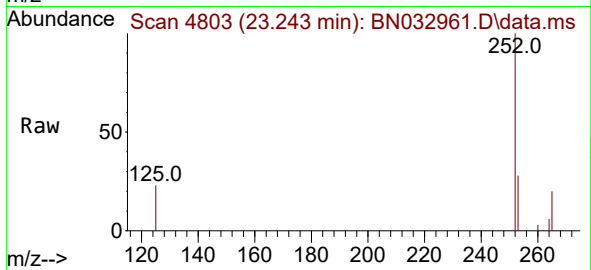
Tgt Ion:252 Resp: 38555

Ion Ratio Lower Upper

252 100

253 28.0 25.4 38.0

125 23.2 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.818 ng/ul

RT: 25.542 min Scan# 5566

Delta R.T. -0.027 min

Lab File: BN032961.D

Acq: 24 Jul 2024 23:13

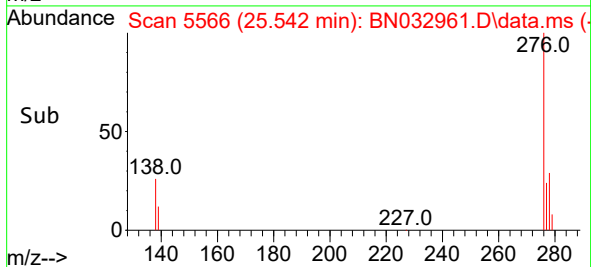
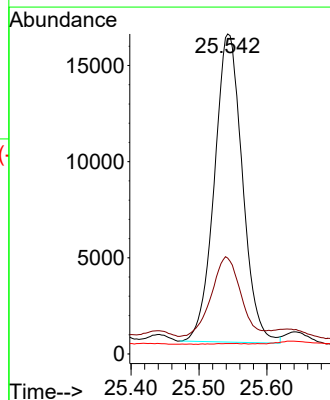
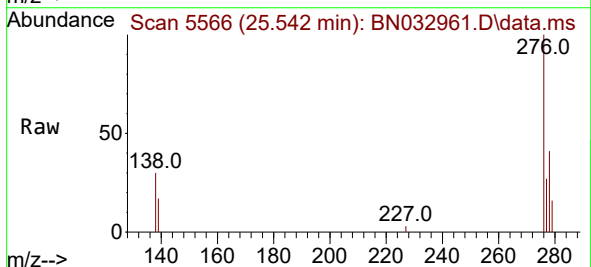
Tgt Ion:276 Resp: 45960

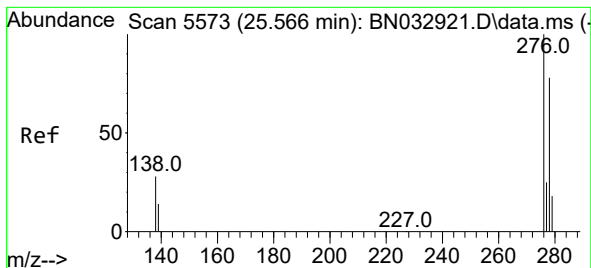
Ion Ratio Lower Upper

276 100

138 33.1 21.6 32.4#

227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.512 ng/ul

RT: 25.536 min Scan# 51

Delta R.T. -0.034 min

Lab File: BN032961.D

Acq: 24 Jul 2024 23:13

Instrument :

BNA_N

ClientSampleId :

A4D31DL

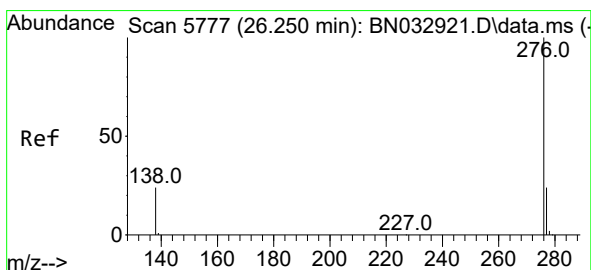
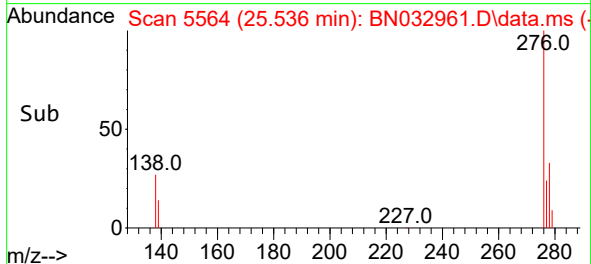
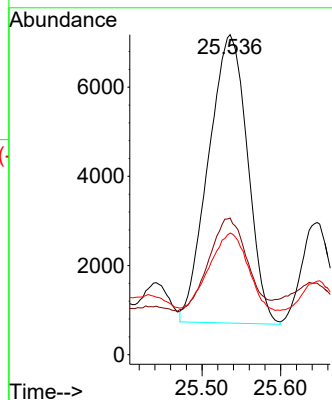
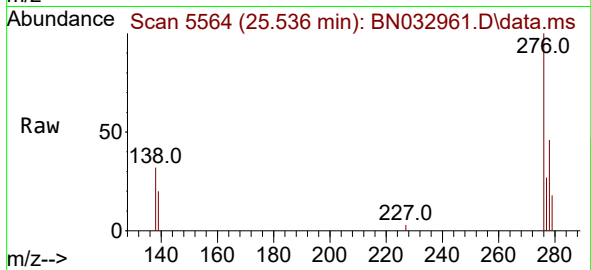
Tgt Ion:278 Resp: 22297

Ion Ratio Lower Upper

278 100

139 42.7 16.6 24.8#

279 38.0 23.7 35.5#



#29

Benzo(g,h,i)perylene

Concen: 0.137 ng/ul

RT: 26.226 min Scan# 5770

Delta R.T. -0.024 min

Lab File: BN032961.D

Acq: 24 Jul 2024 23:13

Tgt Ion:276 Resp: 6422

Ion Ratio Lower Upper

276 100

138 61.5 21.0 31.4#

277 42.6 20.6 31.0#

