

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029086.D
 Acq On : 07 Dec 2023 10:38
 Operator : MA/JU
 Sample : 05551-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 07 11:15:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

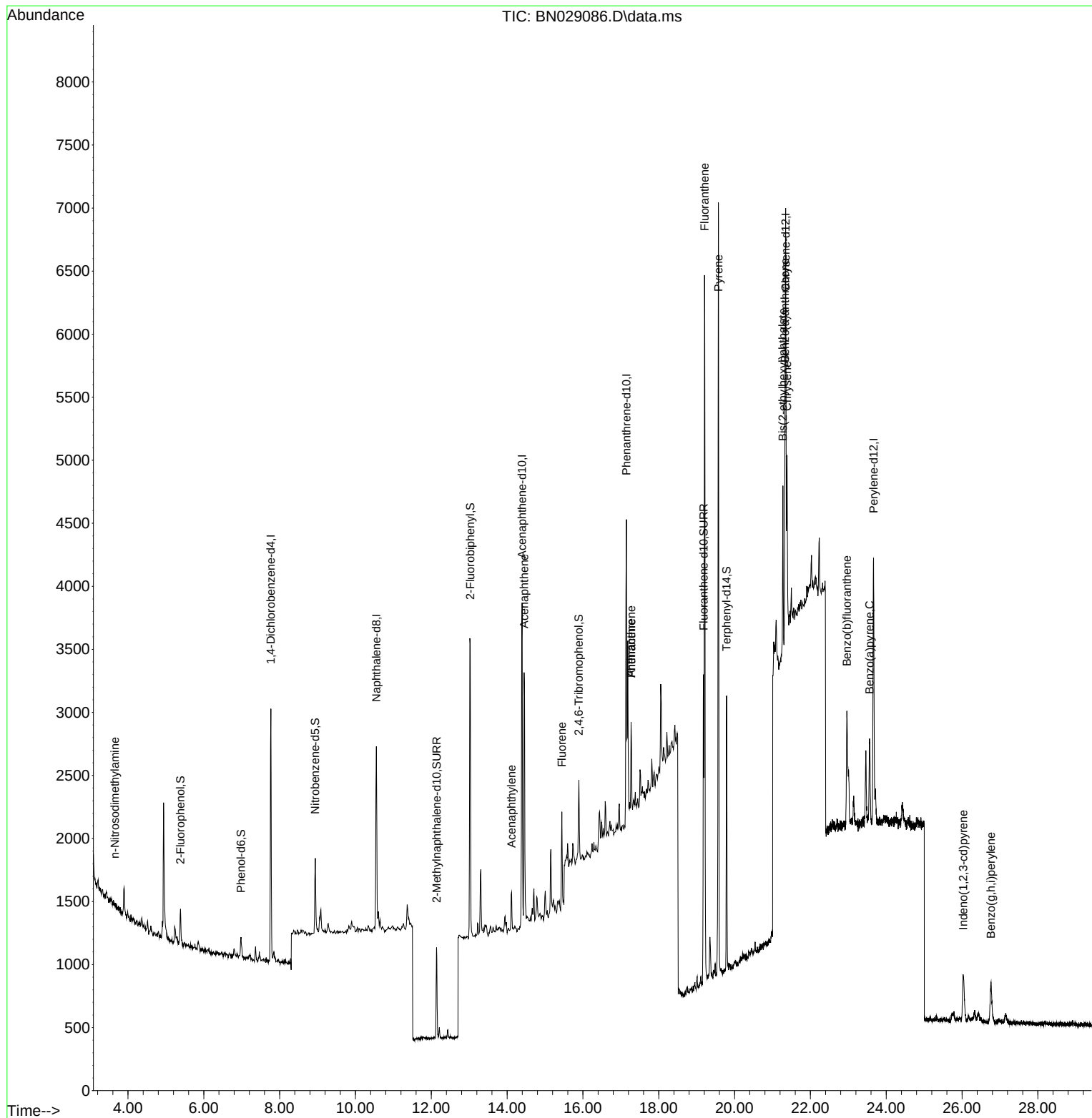
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	978	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2040	0.400	ng	-0.01
13) Acenaphthene-d10	14.396	164	1507	0.400	ng	0.00
19) Phenanthrene-d10	17.147	188	3608	0.400	ng	# 0.00
29) Chrysene-d12	21.347	240	2741	0.400	ng	# 0.00
35) Perylene-d12	23.667	264	2841	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	223	0.101	ng	0.00
5) Phenol-d6	6.981	99	143	0.054	ng	0.00
8) Nitrobenzene-d5	8.939	82	593	0.241	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	981	0.229	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	372	0.224	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2315	0.297	ng	0.00
27) Fluoranthene-d10	19.181	212	2920	0.258	ng	0.00
31) Terphenyl-d14	19.789	244	2104	0.303	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.658	42	18	0.038	ng	# 1
16) Acenaphthylene	14.118	152	332	0.040	ng	# 86
17) Acenaphthene	14.450	154	1085	0.208	ng	99
18) Fluorene	15.444	166	495	0.060	ng	# 92
25) Phenanthrene	17.271	178	861	0.071	ng	97
26) Anthracene	17.271	178	772	0.066	ng	95
28) Fluoranthene	19.209	202	5163	0.312	ng	# 97
30) Pyrene	19.571	202	5795	0.341	ng	96
32) Benzo(a)anthracene	21.329	228	1351	0.097	ng	# 80
33) Chrysene	21.383	228	1164	0.085	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.275	149	1230	0.144	ng	92
36) Indeno(1,2,3-cd)pyrene	26.029	276	723	0.050	ng	# 75
37) Benzo(b)fluoranthene	22.962	252	1500	0.098	ng	# 29
39) Benzo(a)pyrene	23.559	252	1124	0.089	ng	# 25
41) Benzo(g,h,i)perylene	26.763	276	763	0.062	ng	# 55

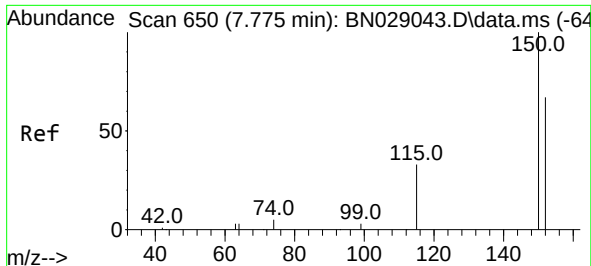
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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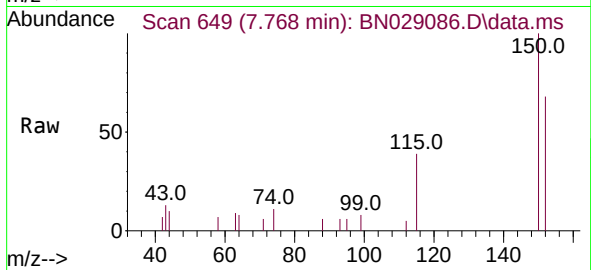
Quant Time: Dec 07 11:15:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
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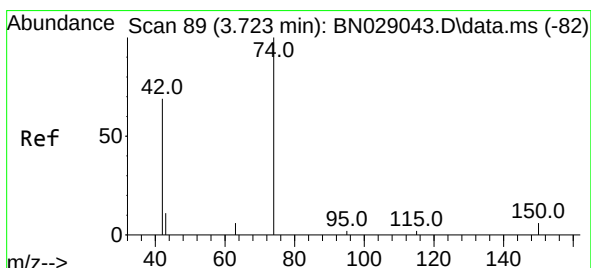
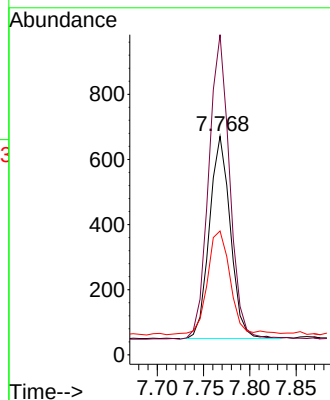
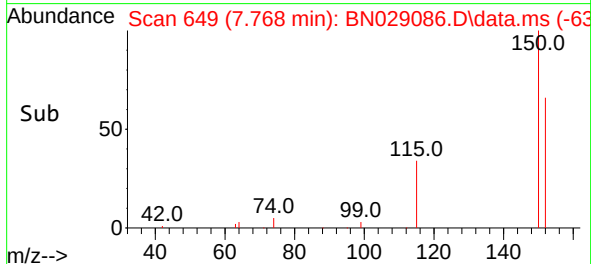


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

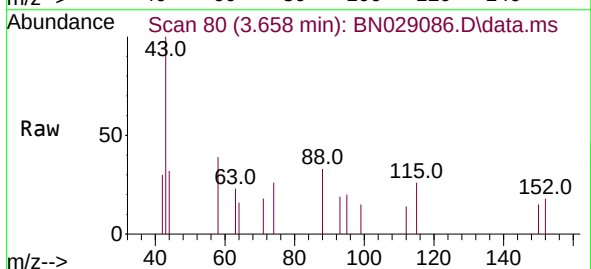
Instrument :
BNA_N
ClientSampleId :



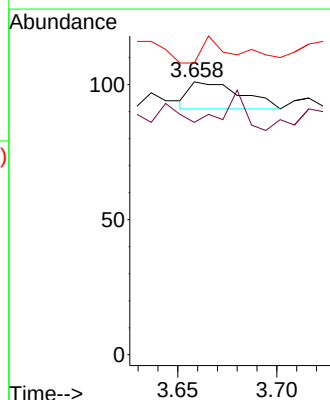
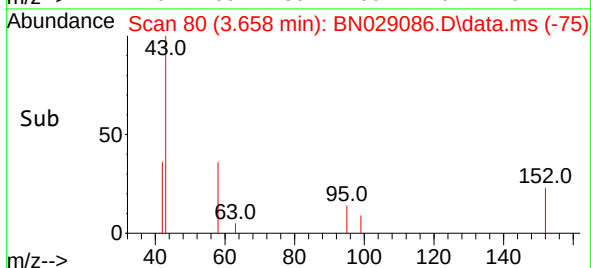
Tgt Ion:152 Resp: 978
Ion Ratio Lower Upper
152 100
150 146.5 116.2 174.4
115 56.6 45.1 67.7

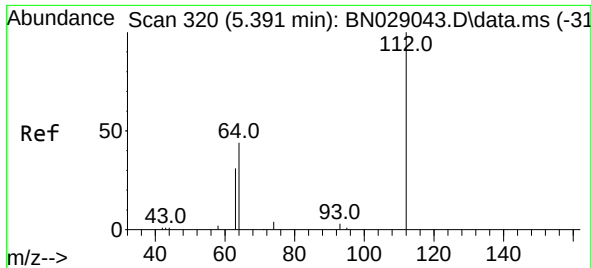


#3
n-Nitrosodimethylamine
Concen: 0.038 ng
RT: 3.658 min Scan# 80
Delta R.T. -0.065 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38



Tgt Ion: 42 Resp: 18
Ion Ratio Lower Upper
42 100
74 0.0 106.3 159.5#
44 38.9 0.0 0.0#

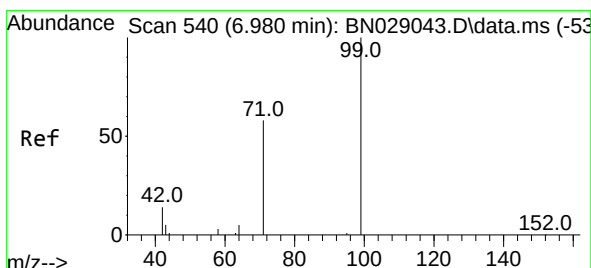
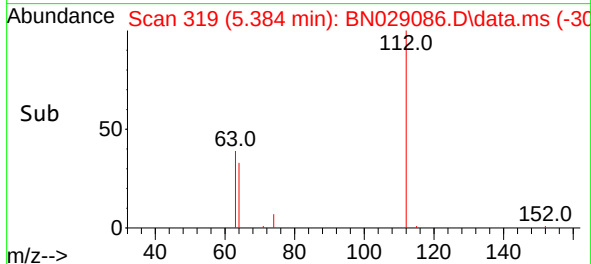
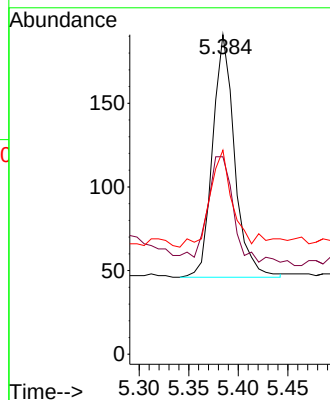
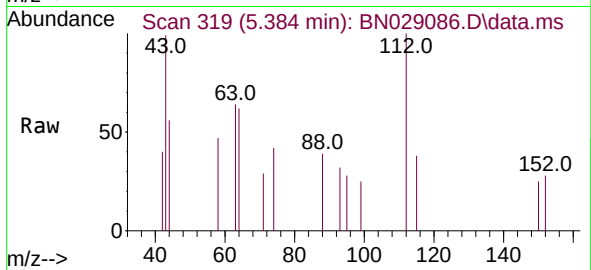




#4
2-Fluorophenol
Concen: 0.101 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

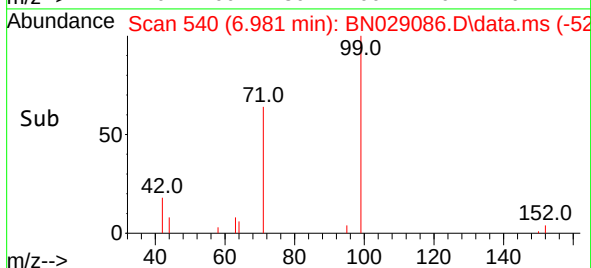
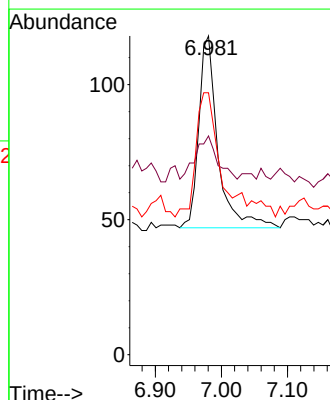
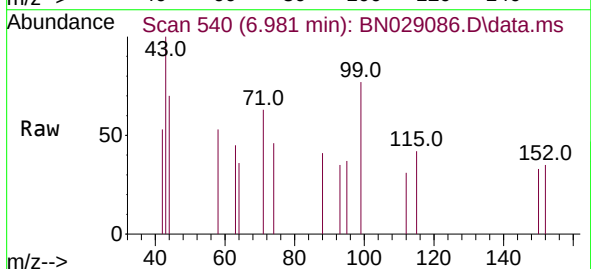
Instrument :
BNA_N
ClientSampleId :

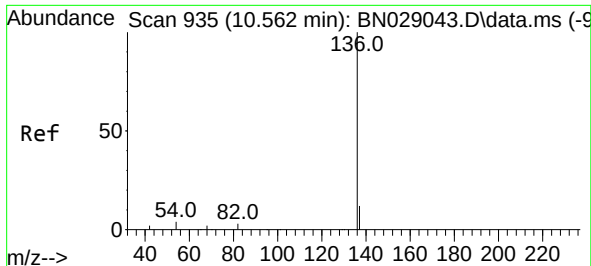
Tgt Ion:112 Resp: 223
Ion Ratio Lower Upper
112 100
64 57.4 37.0 55.6#
63 39.5 29.0 43.6



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.981 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion: 99 Resp: 143
Ion Ratio Lower Upper
99 100
42 26.6 13.4 20.2#
71 82.5 47.8 71.6#

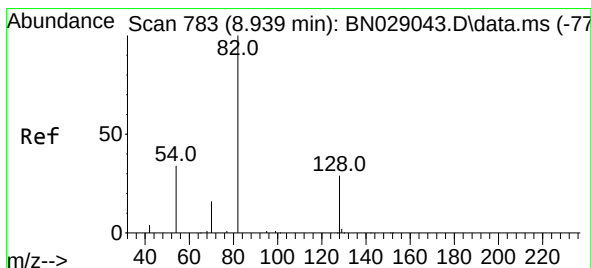
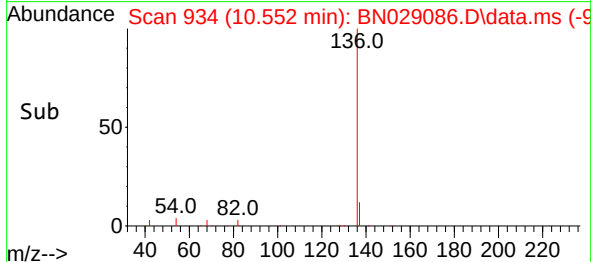
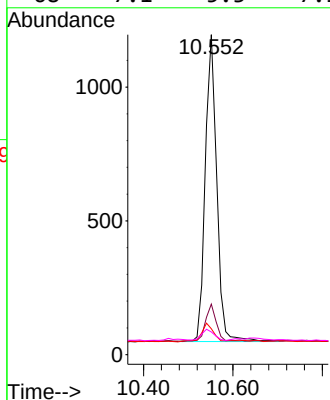
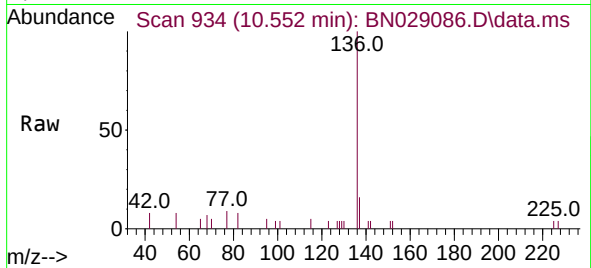




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.552 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

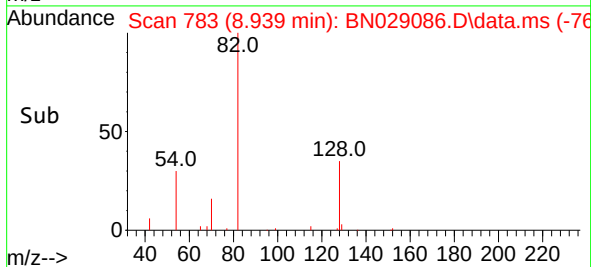
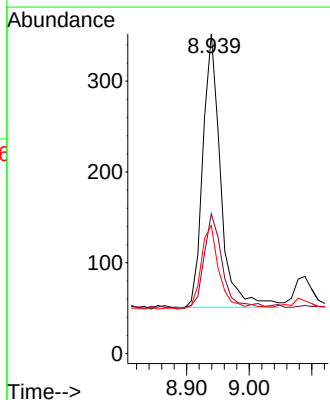
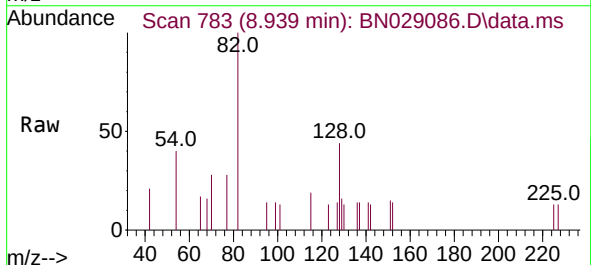
Instrument :
BNA_N
ClientSampleId :

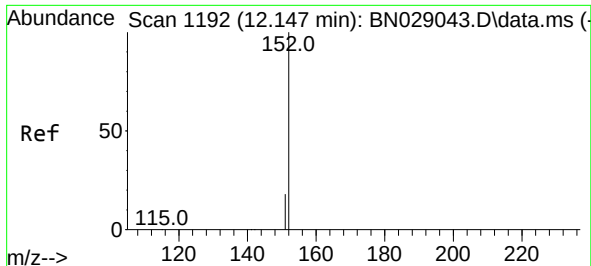
Tgt Ion:	136	Resp:	2040
Ion	Ratio	Lower	Upper
136	100		
137	15.8	11.9	17.9
54	8.1	6.4	9.6
68	7.1	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 8.939 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion:	82	Resp:	593
Ion	Ratio	Lower	Upper
82	100		
128	43.8	28.2	42.4#
54	40.1	32.1	48.1

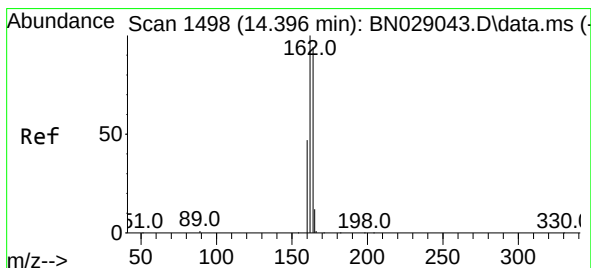
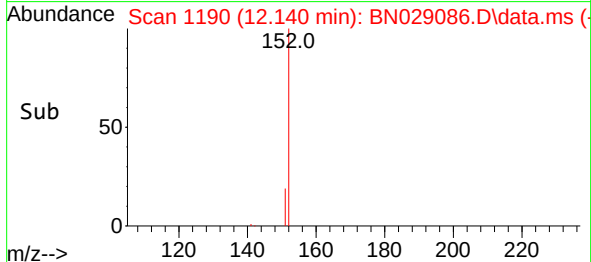
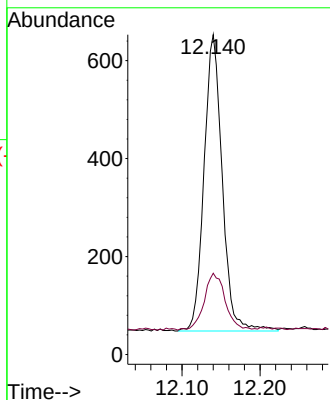
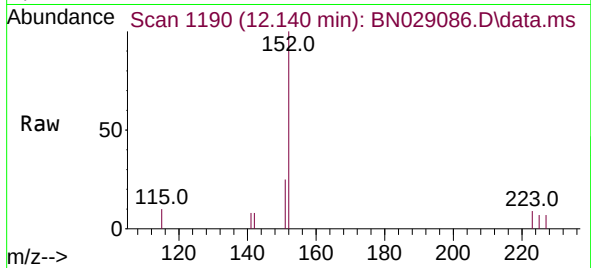




#11
2-Methylnaphthalene-d10
Concen: 0.229 ng
RT: 12.140 min Scan# 1192
Delta R.T. -0.007 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

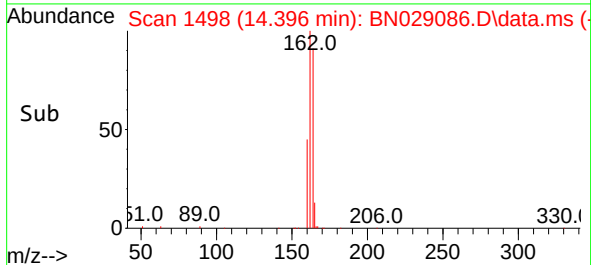
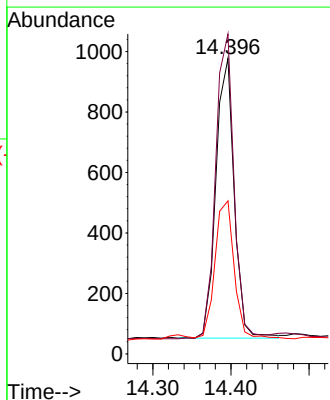
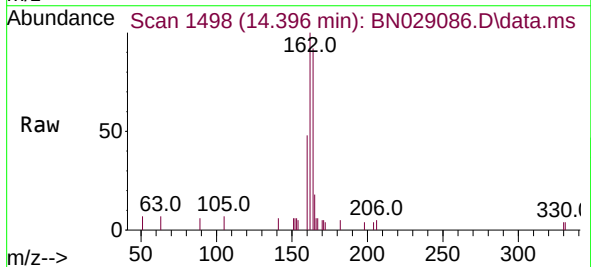
Instrument :
BNA_N
ClientSampleId :

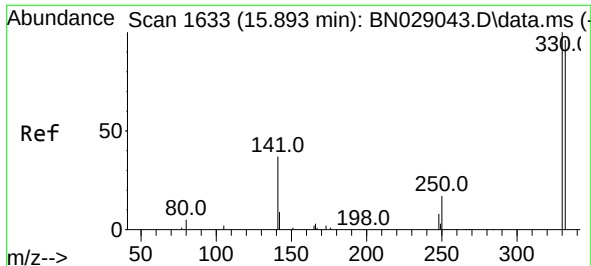
Tgt Ion:152 Resp: 981
Ion Ratio Lower Upper
152 100
151 22.0 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

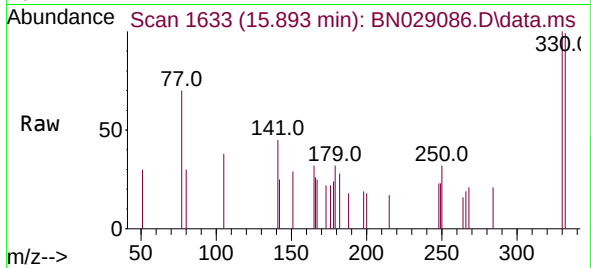
Tgt Ion:164 Resp: 1507
Ion Ratio Lower Upper
164 100
162 108.3 85.0 127.6
160 51.8 41.3 61.9



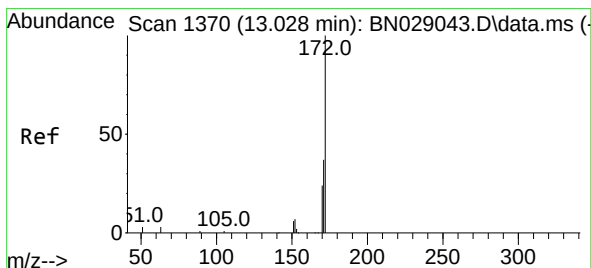
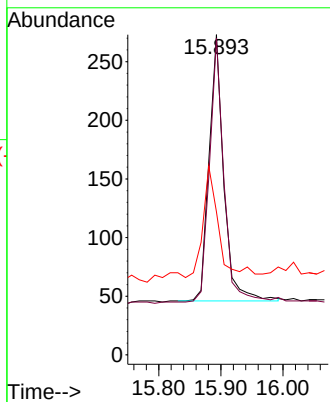
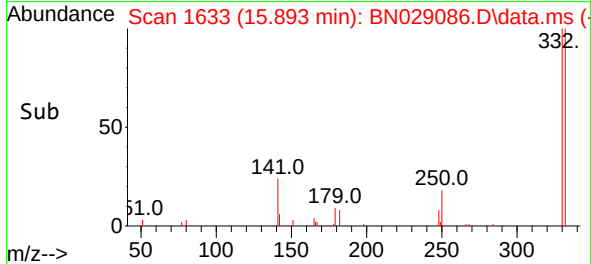


#14
2,4,6-Tribromophenol
Concen: 0.224 ng
RT: 15.893 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

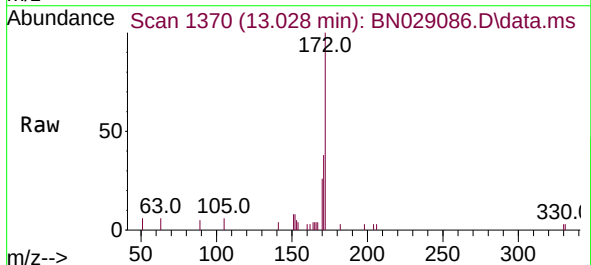
Instrument :
BNA_N
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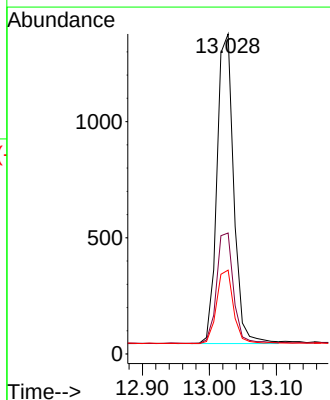
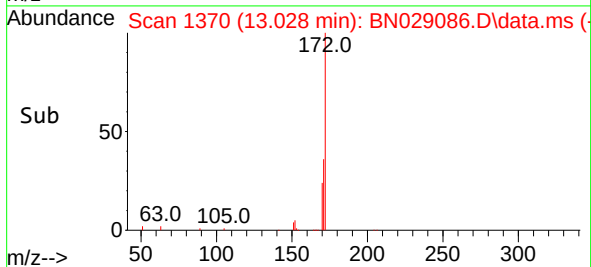
Tgt Ion:330 Resp: 372
Ion Ratio Lower Upper
330 100
332 96.8 78.8 118.2
141 44.6 28.7 43.1#

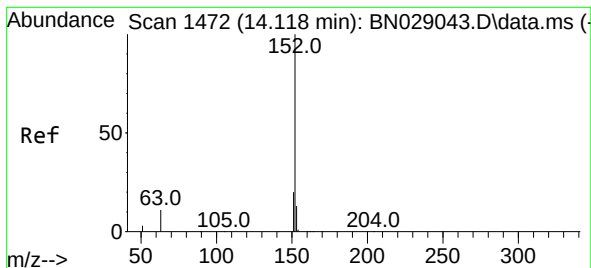


#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.028 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38



Tgt Ion:172 Resp: 2315
Ion Ratio Lower Upper
172 100
171 37.8 30.1 45.1
170 26.2 20.3 30.5





#16

Acenaphthylene

Concen: 0.040 ng

RT: 14.118 min Scan# 14

Delta R.T. 0.000 min

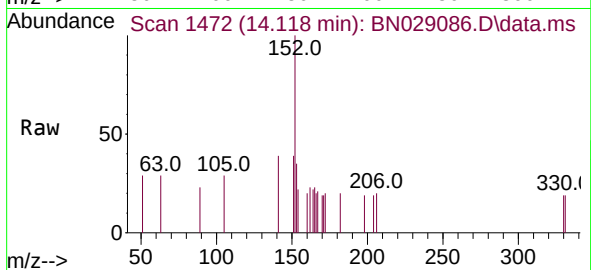
Lab File: BN029086.D

Acq: 07 Dec 2023 10:38

Instrument :

BNA_N

ClientSampleId :



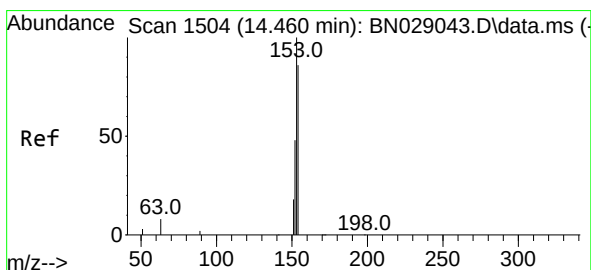
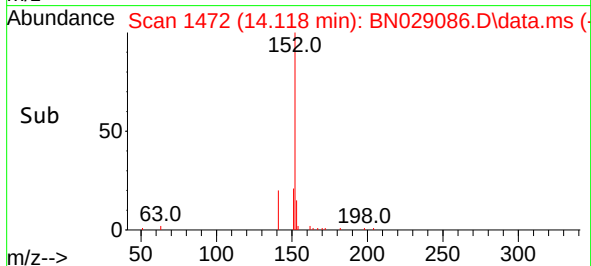
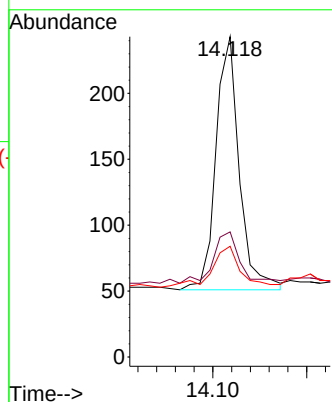
Tgt Ion:152 Resp: 332

Ion Ratio Lower Upper

152 100

151 25.0 15.8 23.6#

153 19.6 10.3 15.5#



#17

Acenaphthene

Concen: 0.208 ng

RT: 14.450 min Scan# 1503

Delta R.T. -0.011 min

Lab File: BN029086.D

Acq: 07 Dec 2023 10:38

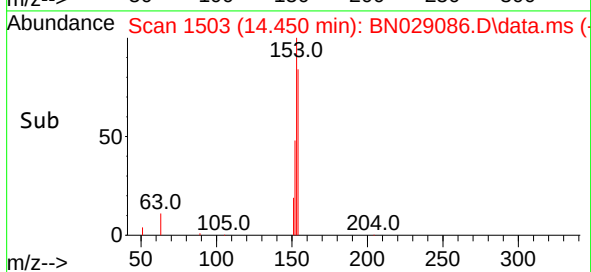
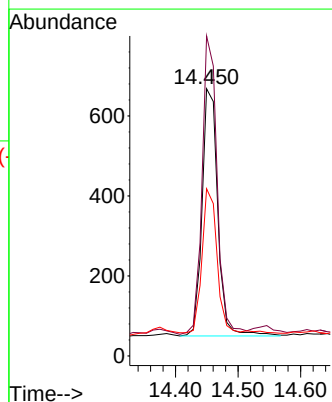
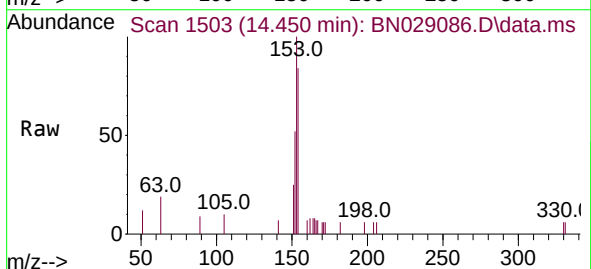
Tgt Ion:154 Resp: 1085

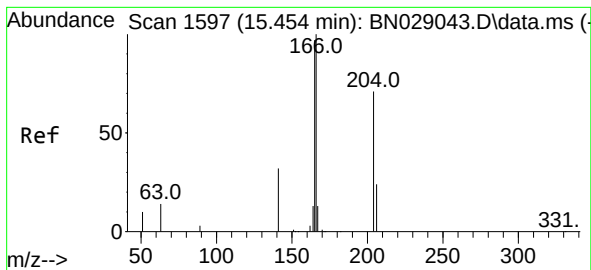
Ion Ratio Lower Upper

154 100

153 114.8 93.0 139.6

152 54.6 44.2 66.4





#18

Fluorene

Concen: 0.060 ng

RT: 15.444 min Scan# 1596

Delta R.T. -0.011 min

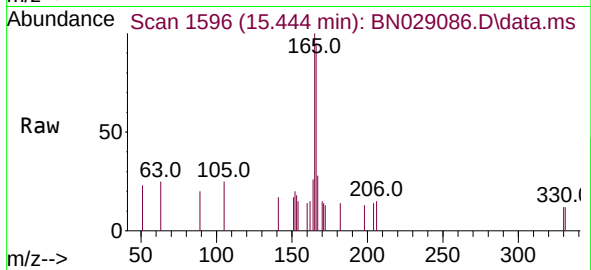
Lab File: BN029086.D

Acq: 07 Dec 2023 10:38

Instrument :

BNA_N

ClientSampleId :



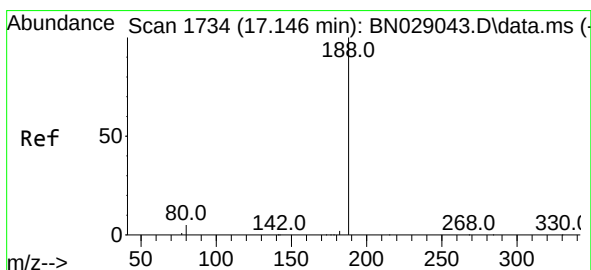
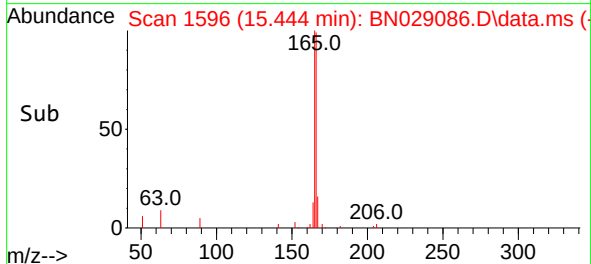
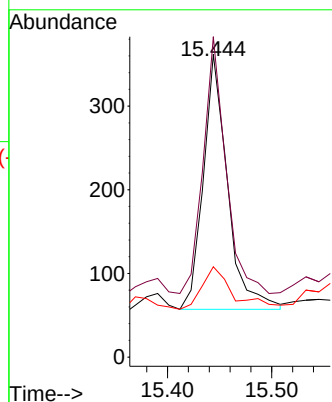
Tgt Ion:166 Resp: 495

Ion Ratio Lower Upper

166 100

165 93.3 80.2 120.4

167 21.4 11.0 16.4#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.147 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN029086.D

Acq: 07 Dec 2023 10:38

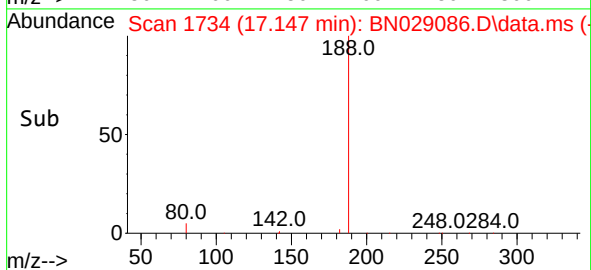
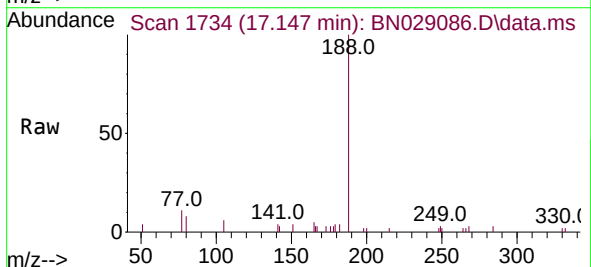
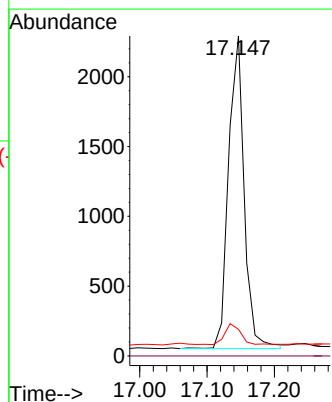
Tgt Ion:188 Resp: 3608

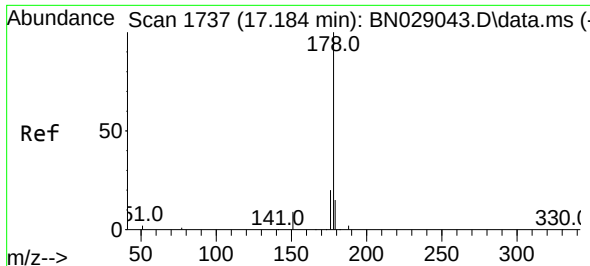
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 5.4 8.0#

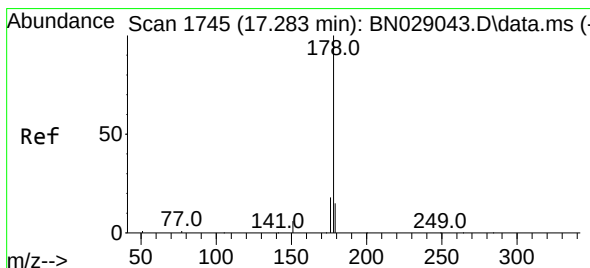
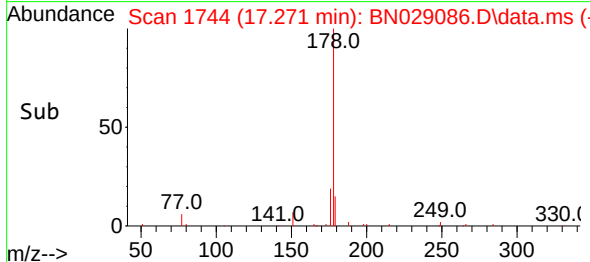
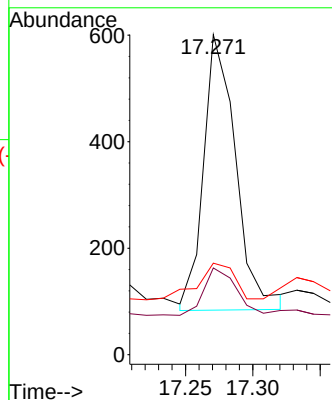
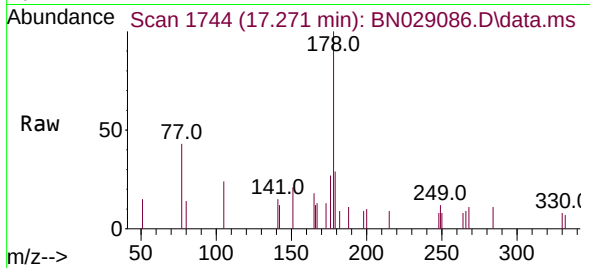




#25
Phenanthrene
Concen: 0.071 ng
RT: 17.271 min Scan# 1744
Delta R.T. 0.087 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

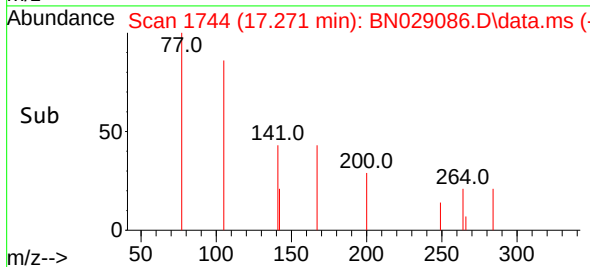
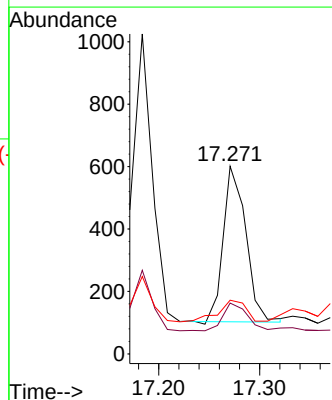
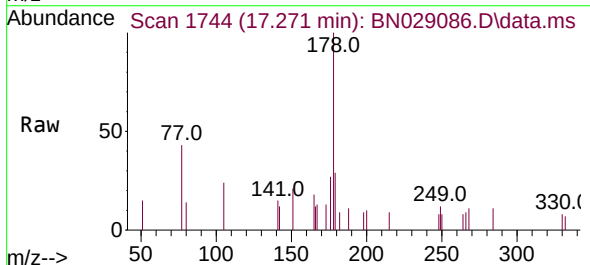
Instrument :
BNA_N
ClientSampleId :

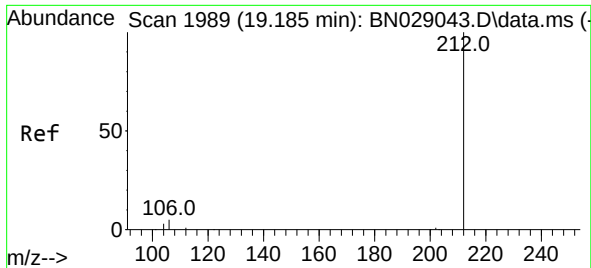
Tgt Ion:178 Resp: 861
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 17.4 12.6 18.8



#26
Anthracene
Concen: 0.066 ng
RT: 17.271 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion:178 Resp: 772
Ion Ratio Lower Upper
178 100
176 21.4 15.0 22.4
179 17.1 12.6 19.0

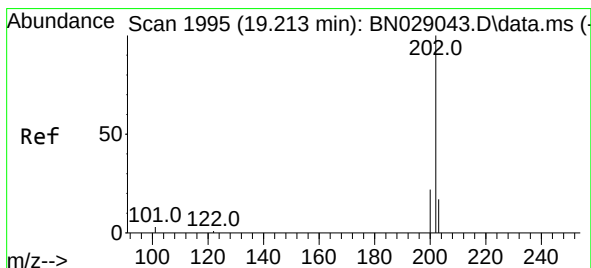
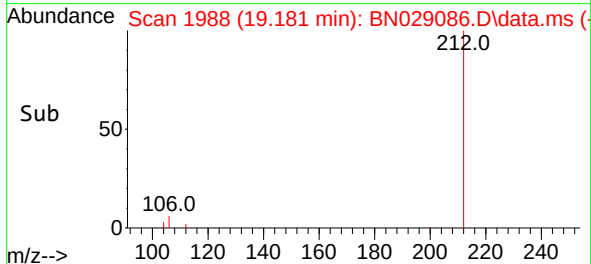
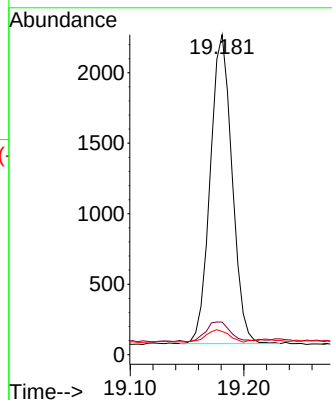
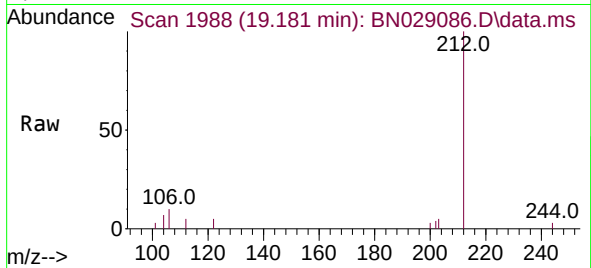




#27
Fluoranthene-d10
Concen: 0.258 ng
RT: 19.181 min Scan# 1988
Delta R.T. -0.005 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

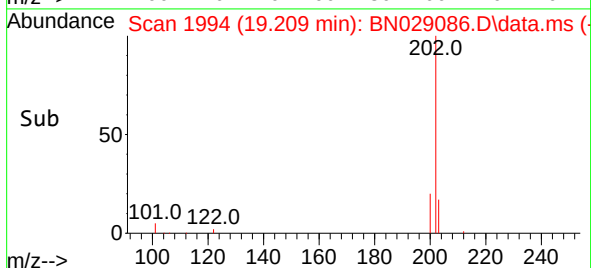
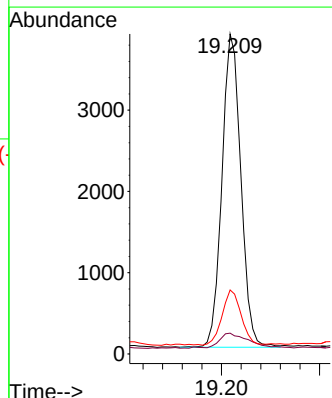
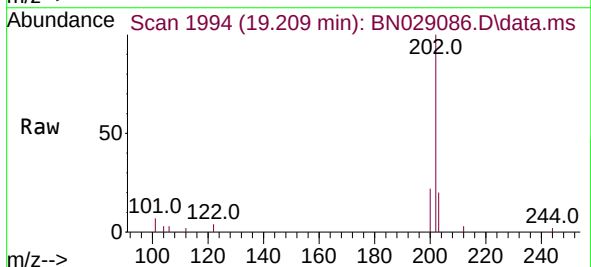
Instrument :
BNA_N
ClientSampleId :

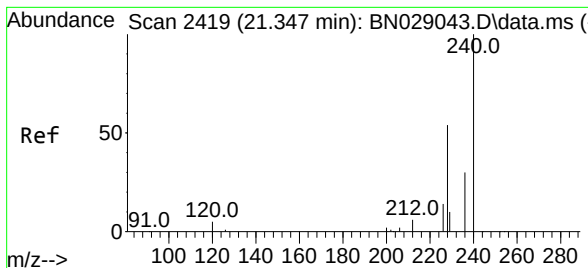
Tgt Ion:212 Resp: 2920
Ion Ratio Lower Upper
212 100
106 7.1 3.9 5.9#
104 4.1 2.6 3.8#



#28
Fluoranthene
Concen: 0.312 ng
RT: 19.209 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion:202 Resp: 5163
Ion Ratio Lower Upper
202 100
101 7.0 3.0 4.6#
203 17.8 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2419

Delta R.T. 0.000 min

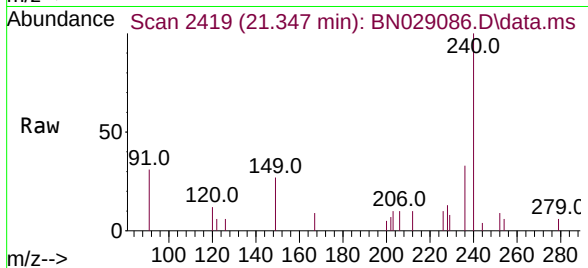
Lab File: BN029086.D

Acq: 07 Dec 2023 10:38

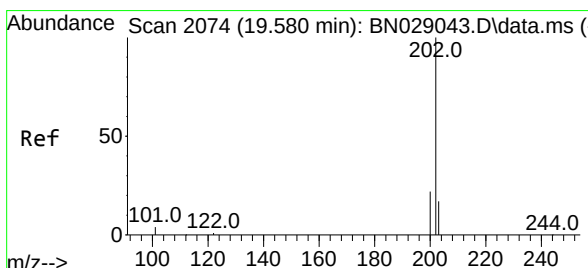
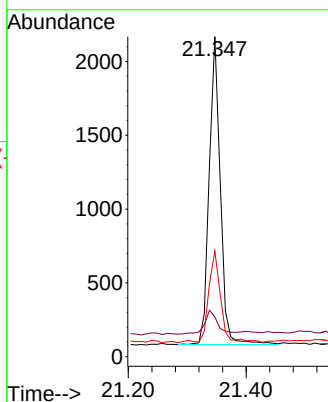
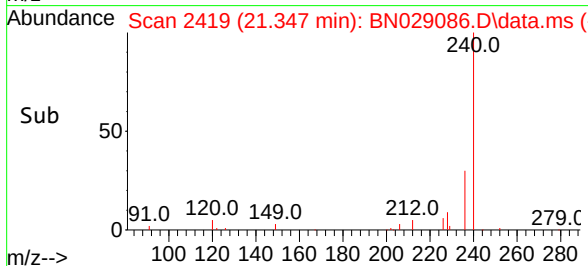
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	240	Resp:	2741
Ion Ratio	Lower	Upper	
240	100		
120	12.4	6.7	10.1#
236	33.1	25.7	38.5



#30

Pyrene

Concen: 0.341 ng

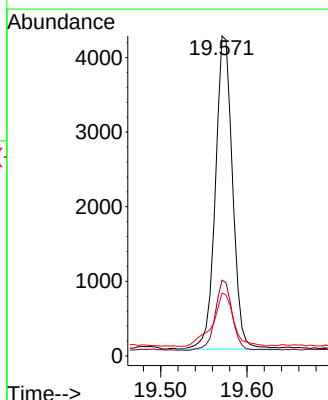
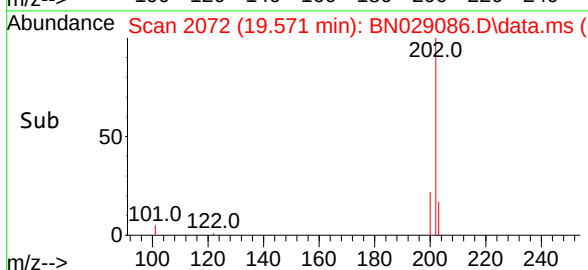
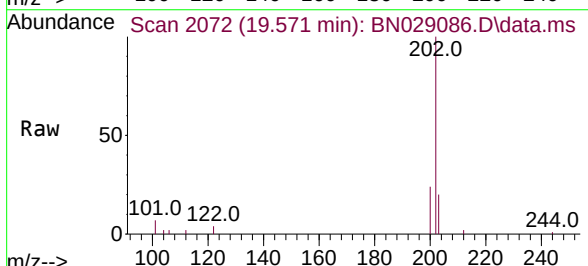
RT: 19.571 min Scan# 2072

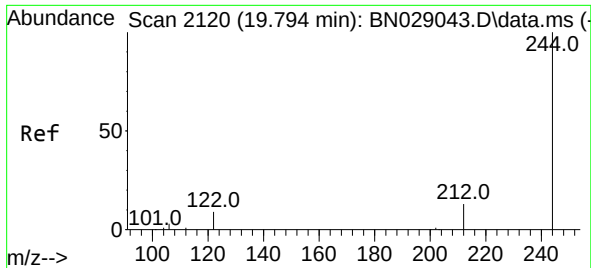
Delta R.T. -0.009 min

Lab File: BN029086.D

Acq: 07 Dec 2023 10:38

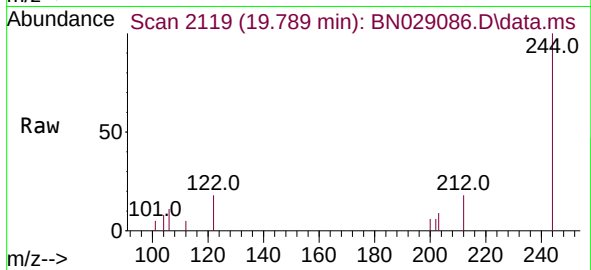
Tgt Ion:	202	Resp:	5795
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.0	25.6
203	20.7	14.2	21.4



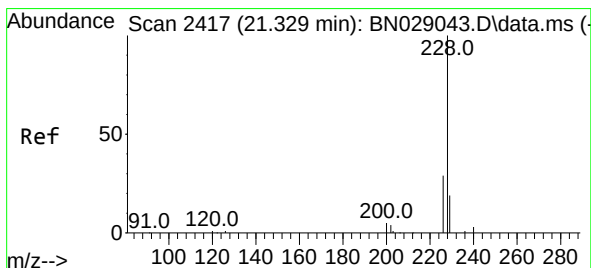
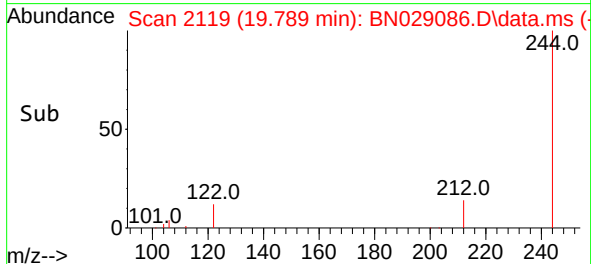
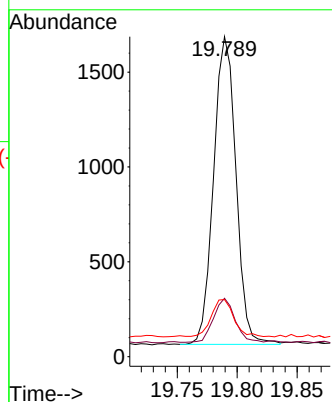


#31
 Terphenyl-d14
 Concen: 0.303 ng
 RT: 19.789 min Scan# 2119
 Delta R.T. -0.005 min
 Lab File: BN029086.D
 Acq: 07 Dec 2023 10:38

Instrument :
 BNA_N
 ClientSampleId :

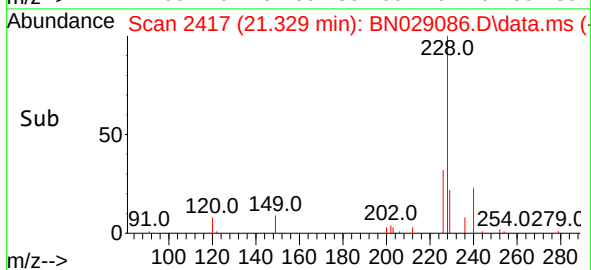
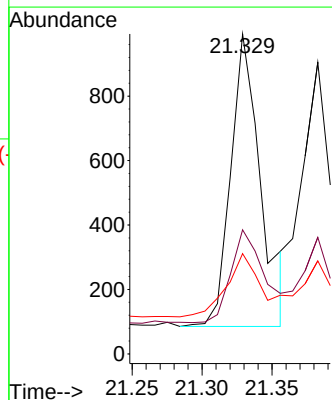
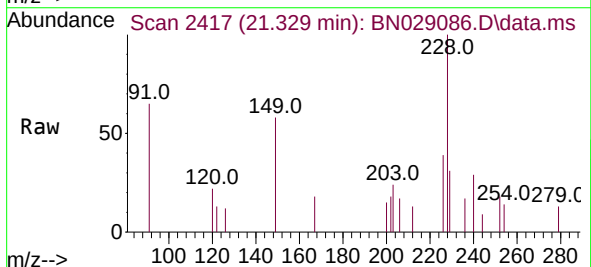


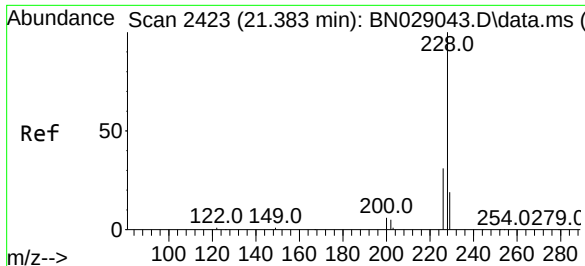
Tgt Ion:244 Resp: 2104
 Ion Ratio Lower Upper
 244 100
 212 18.3 11.6 17.4#
 122 17.8 8.2 12.4#



#32
 Benzo(a)anthracene
 Concen: 0.097 ng
 RT: 21.329 min Scan# 2417
 Delta R.T. 0.000 min
 Lab File: BN029086.D
 Acq: 07 Dec 2023 10:38

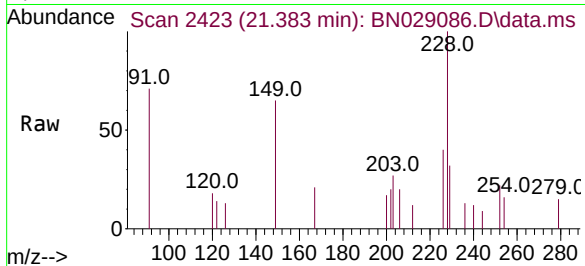
Tgt Ion:228 Resp: 1351
 Ion Ratio Lower Upper
 228 100
 226 38.8 23.8 35.6#
 229 31.3 16.0 24.0#



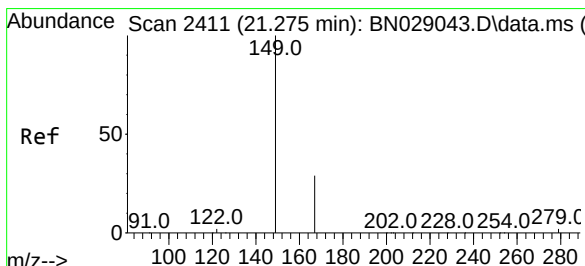
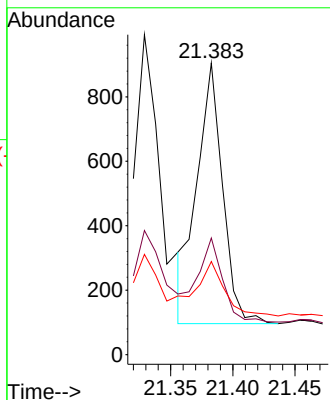
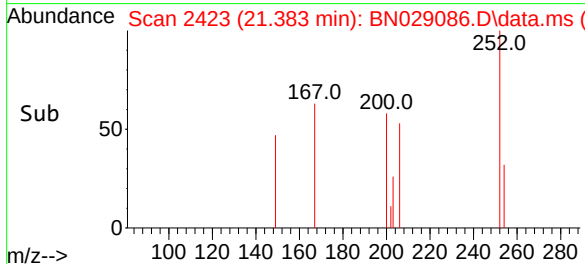


#33
Chrysene
Concen: 0.085 ng
RT: 21.383 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

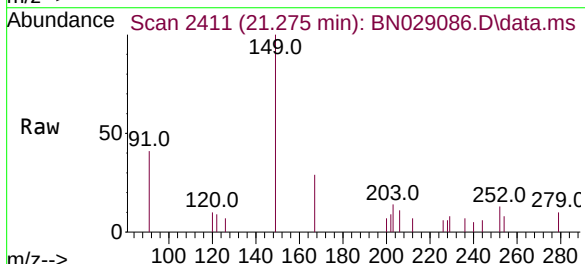
Instrument :
BNA_N
ClientSampleId :



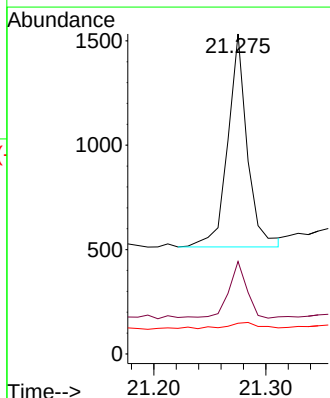
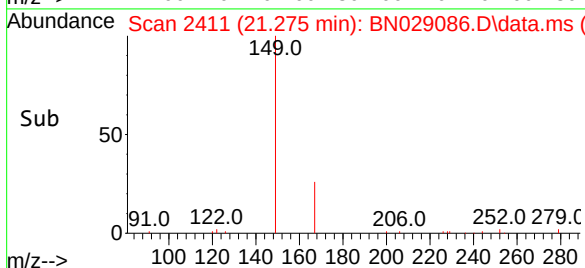
Tgt Ion:228 Resp: 1164
Ion Ratio Lower Upper
228 100
226 40.0 25.4 38.0#
229 31.9 16.0 24.0#

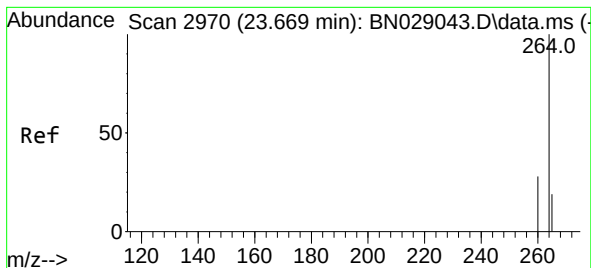


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.144 ng
RT: 21.275 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38



Tgt Ion:149 Resp: 1230
Ion Ratio Lower Upper
149 100
167 24.4 23.4 35.2
279 4.7 3.4 5.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.667 min Scan# 2970

Delta R.T. -0.003 min

Lab File: BN029086.D

Acq: 07 Dec 2023 10:38

Instrument :

BNA_N

ClientSampleId :

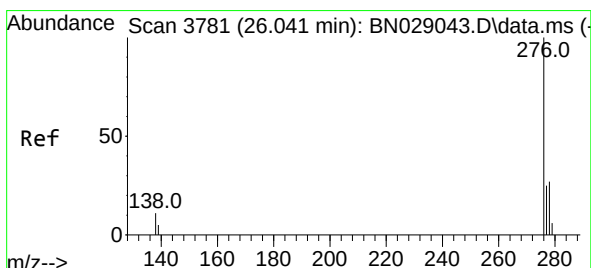
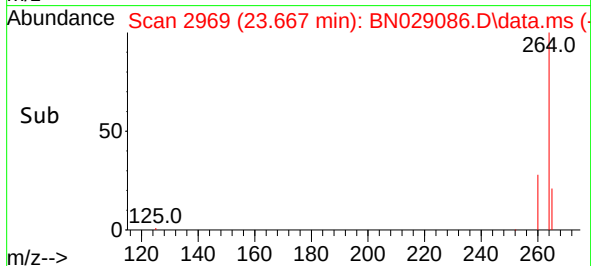
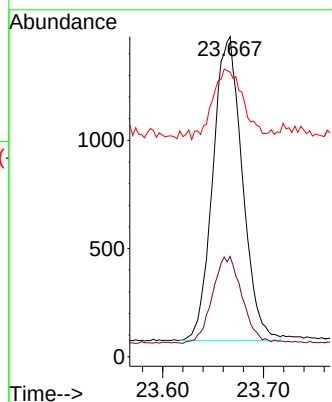
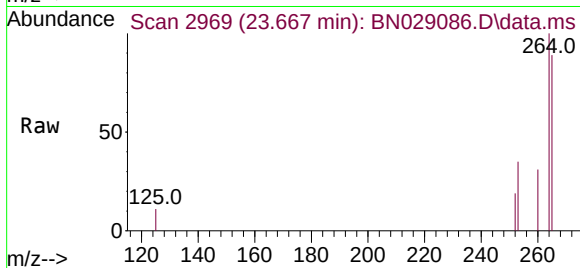
Tgt Ion:264 Resp: 2841

Ion Ratio Lower Upper

264 100

260 31.3 23.9 35.9

265 88.9 52.7 79.1#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.050 ng

RT: 26.029 min Scan# 3777

Delta R.T. -0.012 min

Lab File: BN029086.D

Acq: 07 Dec 2023 10:38

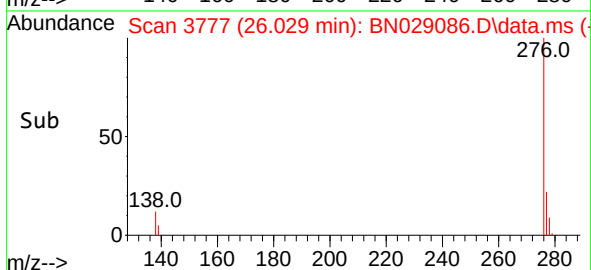
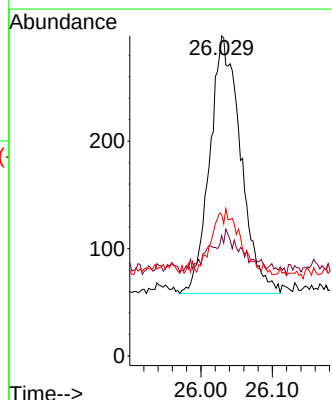
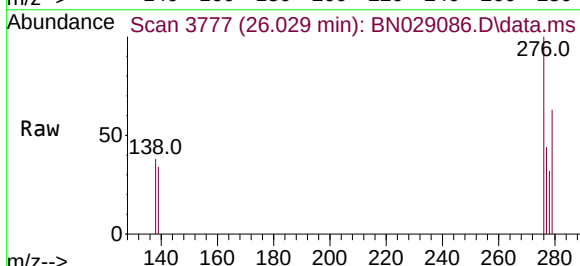
Tgt Ion:276 Resp: 723

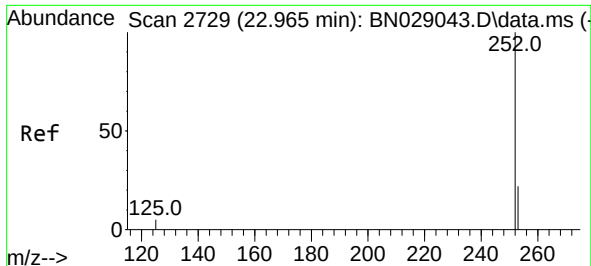
Ion Ratio Lower Upper

276 100

138 5.7 9.6 14.4#

277 9.7 19.4 29.0#





#37

Benzo(b)fluoranthene

Concen: 0.098 ng

RT: 22.962 min Scan# 21

Delta R.T. -0.003 min

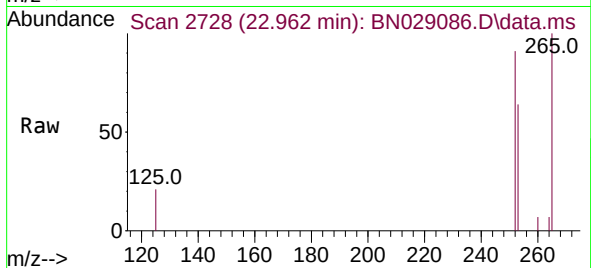
Lab File: BN029086.D

Acq: 07 Dec 2023 10:38

Instrument :

BN029086.D

ClientSampleId :



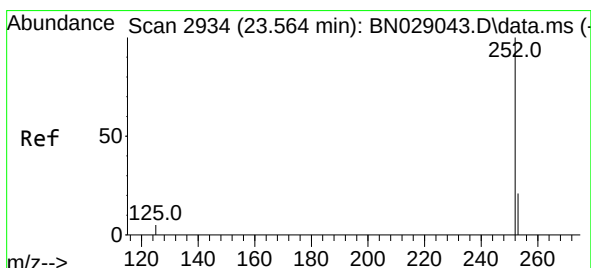
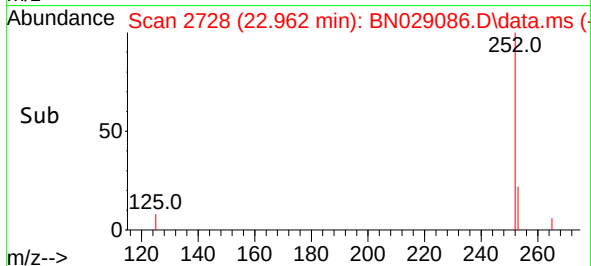
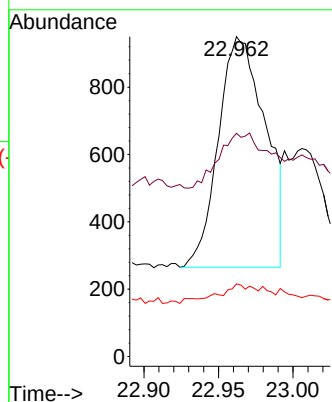
Tgt Ion:252 Resp: 1500

Ion Ratio Lower Upper

252 100

253 69.8 23.0 34.6#

125 22.7 5.4 8.0#



#39

Benzo(a)pyrene

Concen: 0.089 ng

RT: 23.559 min Scan# 2932

Delta R.T. -0.006 min

Lab File: BN029086.D

Acq: 07 Dec 2023 10:38

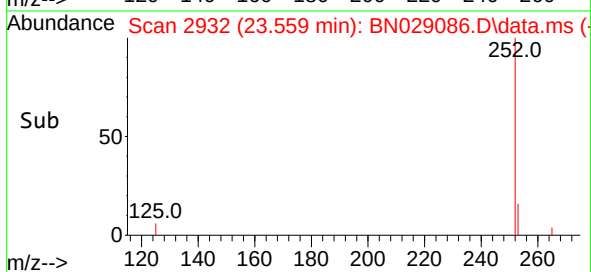
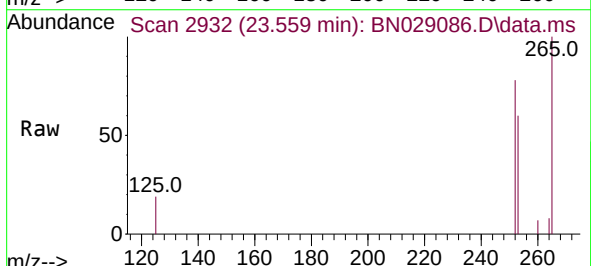
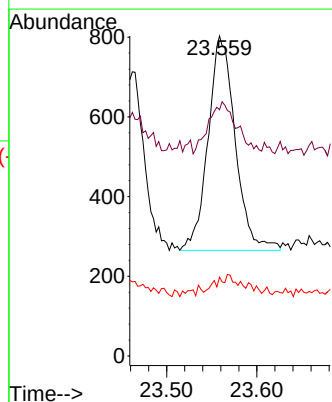
Tgt Ion:252 Resp: 1124

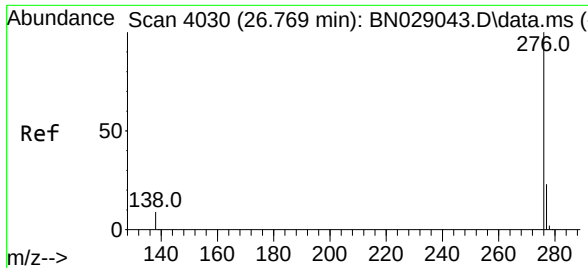
Ion Ratio Lower Upper

252 100

253 77.0 25.3 37.9#

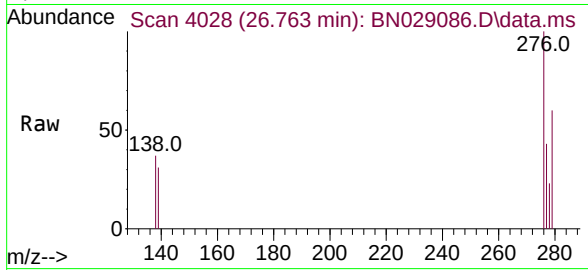
125 24.7 6.5 9.7#





#41
 Benzo(g,h,i)perylene
 Concen: 0.062 ng
 RT: 26.763 min Scan# 40
 Delta R.T. -0.006 min
 Lab File: BN029086.D
 Acq: 07 Dec 2023 10:38

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	763
Ion	Ratio	Lower	Upper
276	100		
277	43.0	20.3	30.5#
138	37.5	9.2	13.8#

