

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
 Data File : BN035221.D
 Acq On : 21 Nov 2024 14:35
 Operator : RC/JU
 Sample : P4868-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20241114

Quant Time: Nov 21 15:00:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:00:03 2024
 Response via : Initial Calibration

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

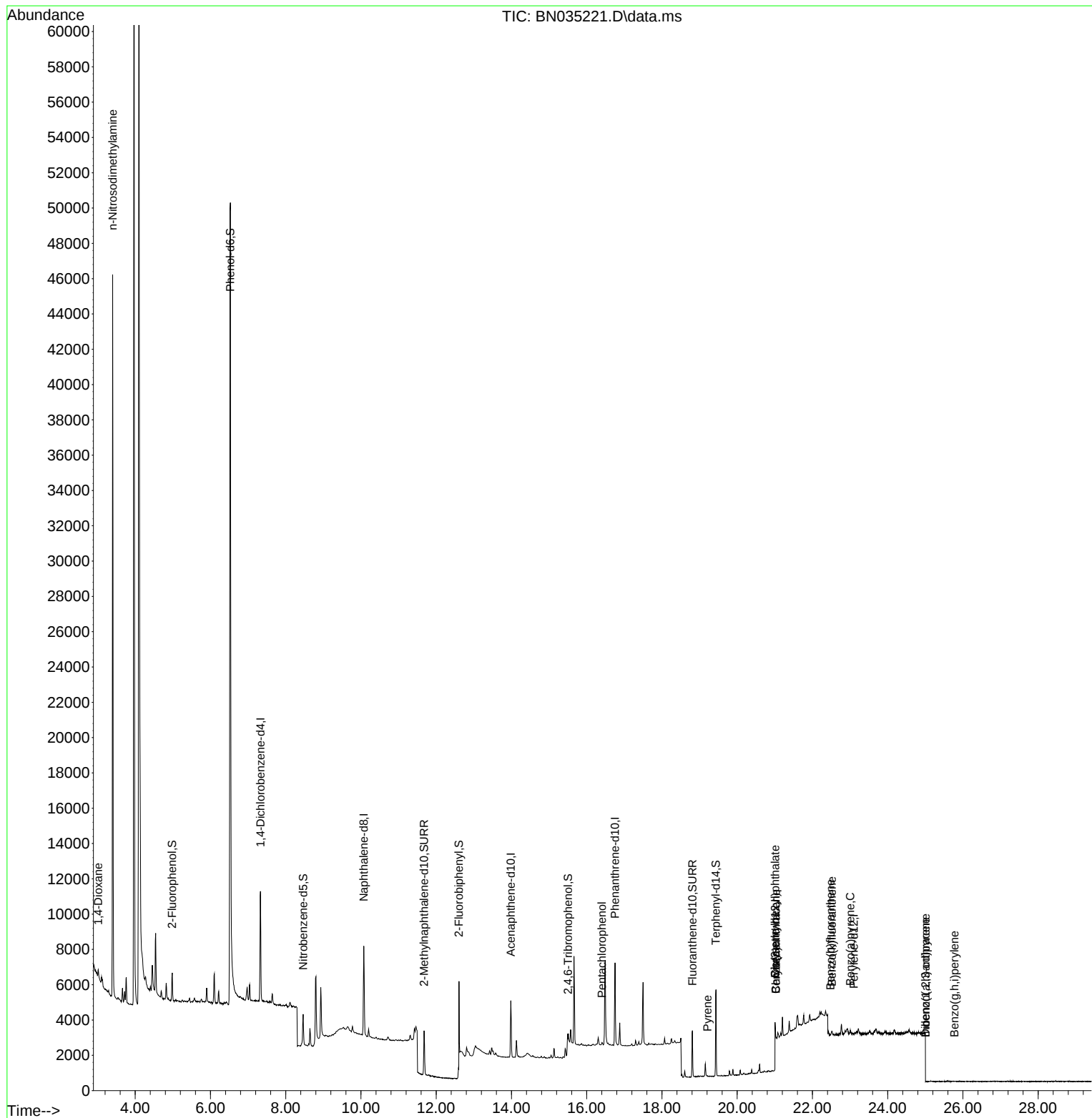
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.329	152	2998	0.400	ng	# 0.00
7) Naphthalene-d8	10.073	136	6728	0.400	ng	# 0.00
13) Acenaphthene-d10	13.983	164	1733	0.400	ng	0.00
19) Phenanthrene-d10	16.753	188	6277	0.400	ng	# 0.00
29) Chrysene-d12	21.006	240	144	0.400	ng	# 0.00
35) Perylene-d12	23.102	264	16	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.982	112	1218	0.160	ng	0.00
5) Phenol-d6	6.528	99	1253	0.131	ng	0.00
8) Nitrobenzene-d5	8.461	82	1938	0.331	ng	0.00
11) 2-Methylnaphthalene-d10	11.678	152	3332	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.501	330	1252	1.001	ng	0.00
15) 2-Fluorobiphenyl	12.604	172	2481	0.353	ng	0.00
27) Fluoranthene-d10	18.808	212	2890	0.150	ng	0.00
31) Terphenyl-d14	19.435	244	4516	14.946	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.018	88	395	0.145	ng	# 49
3) n-Nitrosodimethylamine	3.400	42	1496	0.590	ng	# 1
24) Pentachlorophenol	16.406	266	86	0.044	ng	92
30) Pyrene	19.208	202	13	0.027	ng	# 57
32) Benzo(a)anthracene	21.033	228	236	0.471	ng	# 1
33) Chrysene	21.033	228	236	0.475	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.006	149	876	3.330	ng	# 74
36) Indeno(1,2,3-cd)pyrene	25.008	276	54	0.846	ng	# 1
37) Benzo(b)fluoranthene	22.482	252	21	0.390	ng	# 1
38) Benzo(k)fluoranthene	22.514	252	5	0.093	ng	# 1
39) Benzo(a)pyrene	23.005	252	31	0.654	ng	# 1
40) Dibenzo(a,h)anthracene	25.005	278	50	0.989	ng	# 1
41) Benzo(g,h,i)perylene	25.771	276	5	0.093	ng	# 1

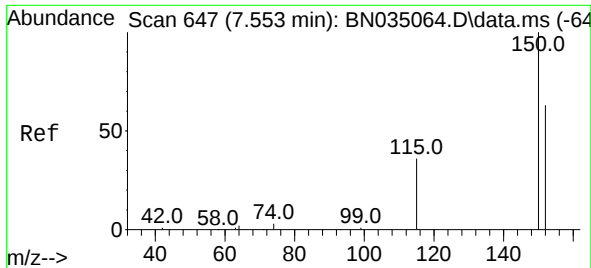
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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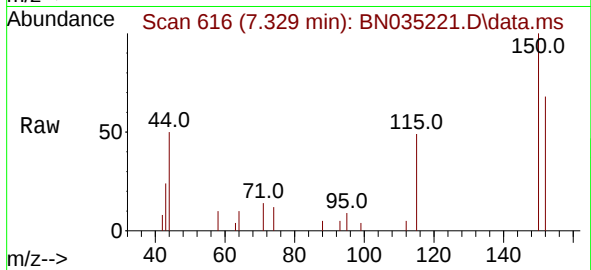
Quant Time: Nov 21 15:00:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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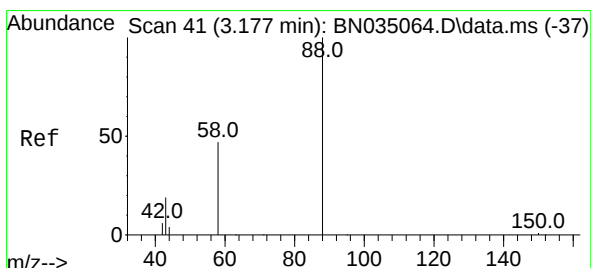
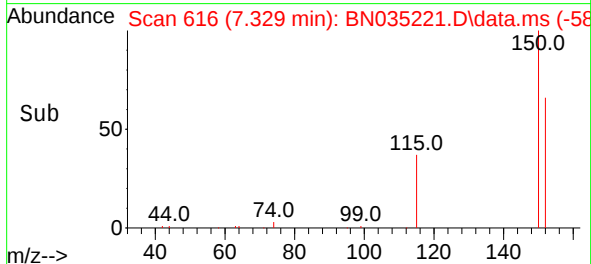
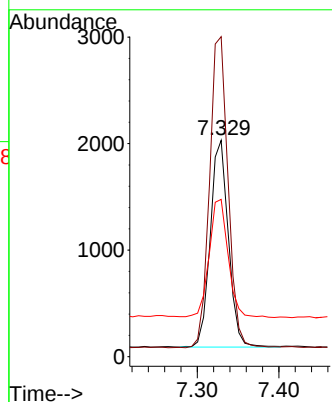


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.329 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114

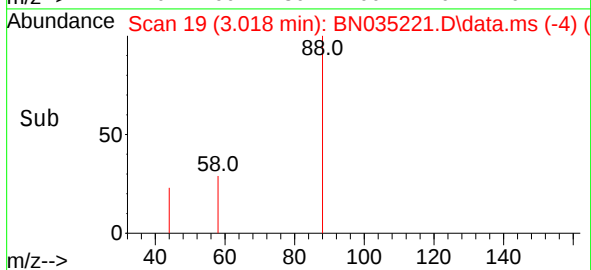
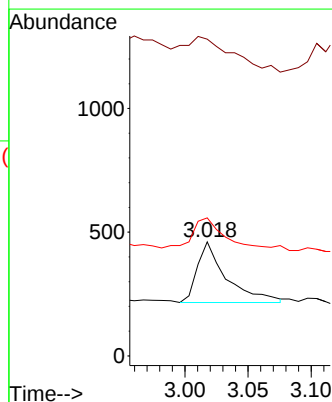
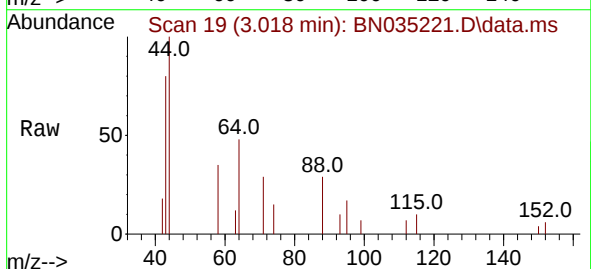


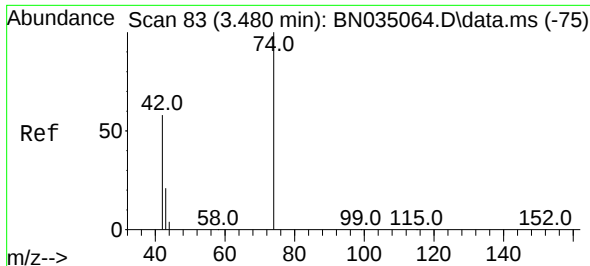
Tgt Ion:152 Resp: 2998
Ion Ratio Lower Upper
152 100
150 147.9 124.5 186.7
115 72.7 47.8 71.6#



#2
1,4-Dioxane
Concen: 0.145 ng
RT: 3.018 min Scan# 19
Delta R.T. 0.007 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

Tgt Ion: 88 Resp: 395
Ion Ratio Lower Upper
88 100
43 73.9 16.9 25.3#
58 65.1 39.0 58.4#

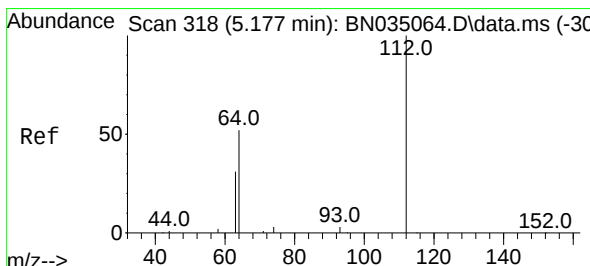
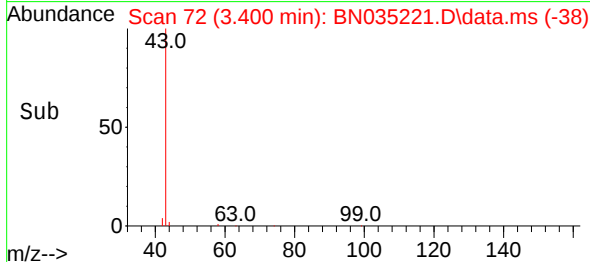
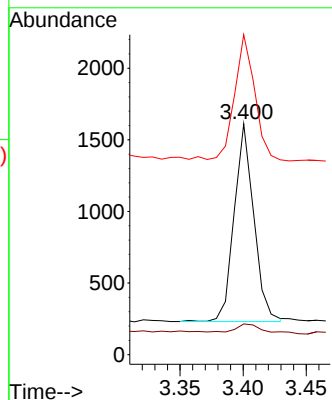
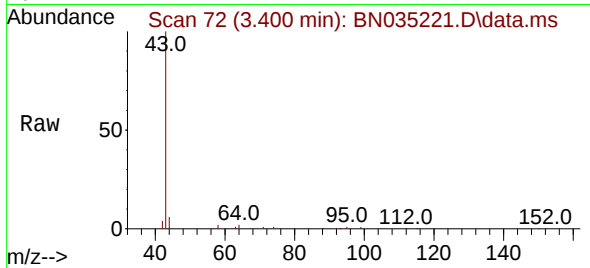




#3
n-Nitrosodimethylamine
Concen: 0.590 ng
RT: 3.400 min Scan# 71
Delta R.T. 0.094 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

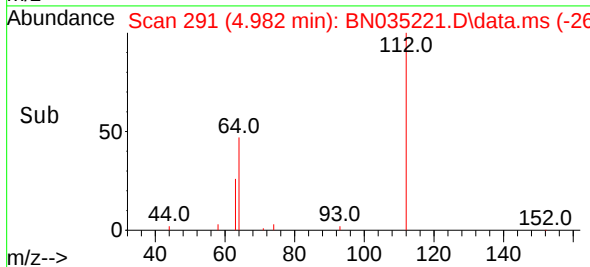
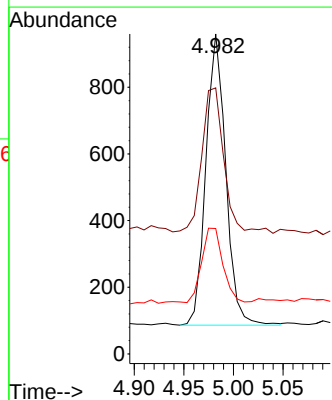
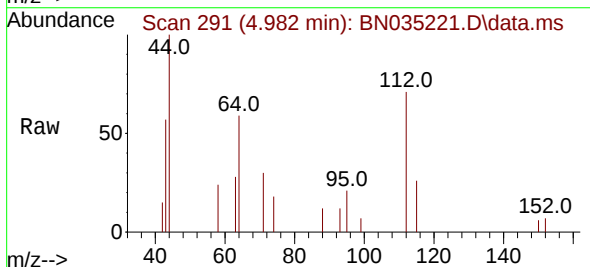
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114

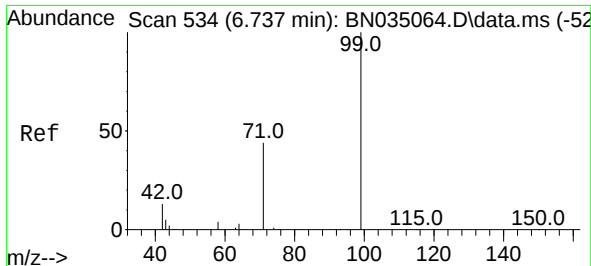
Tgt Ion: 42 Resp: 1496
Ion Ratio Lower Upper
42 100
74 4.3 120.8 181.2#
44 63.7 2.9 4.3#



#4
2-Fluorophenol
Concen: 0.160 ng
RT: 4.982 min Scan# 291
Delta R.T. -0.000 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

Tgt Ion: 112 Resp: 1218
Ion Ratio Lower Upper
112 100
64 55.7 39.7 59.5
63 27.9 23.0 34.4

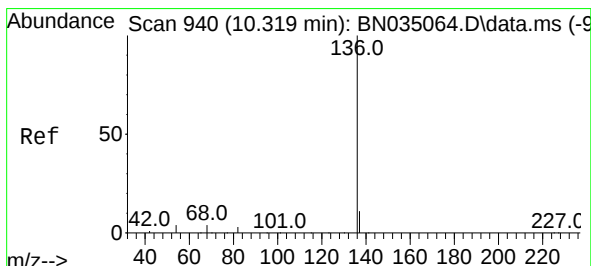
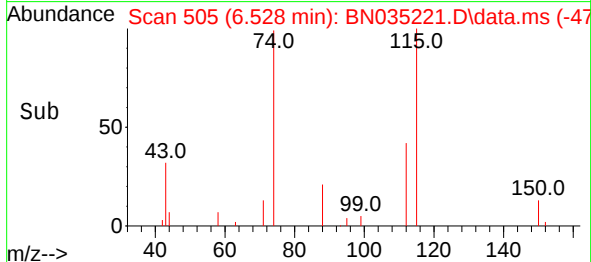
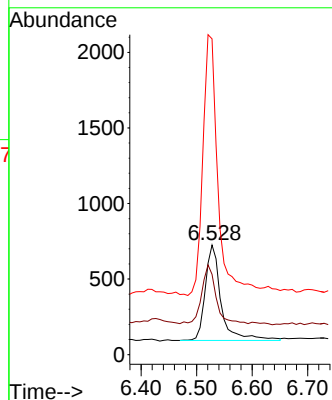
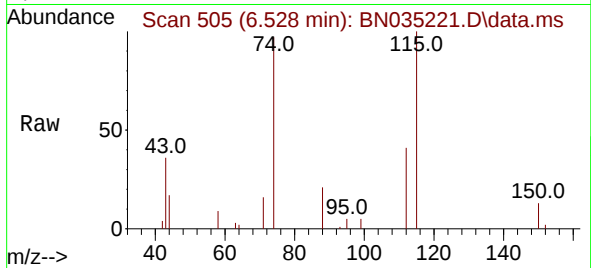




#5
Phenol-d6
Concen: 0.131 ng
RT: 6.528 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

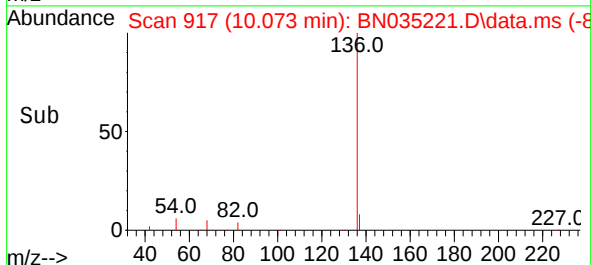
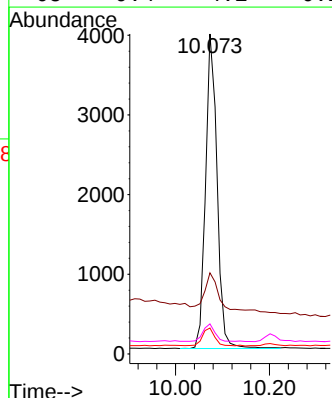
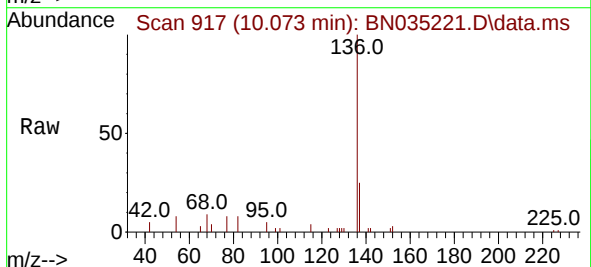
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114

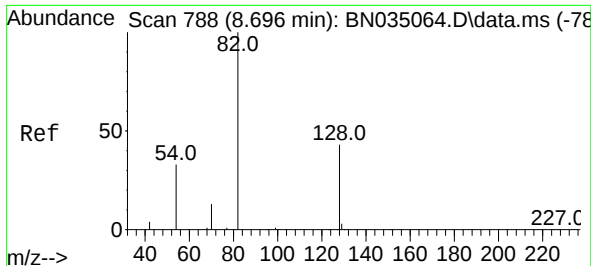
Tgt Ion: 99 Resp: 1253
Ion Ratio Lower Upper
99 100
42 54.8 11.4 17.0#
71 262.3 34.6 51.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.073 min Scan# 917
Delta R.T. -0.000 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

Tgt Ion: 136 Resp: 6728
Ion Ratio Lower Upper
136 100
137 25.3 9.8 14.8#
54 8.1 4.0 6.0#
68 9.4 4.2 6.2#

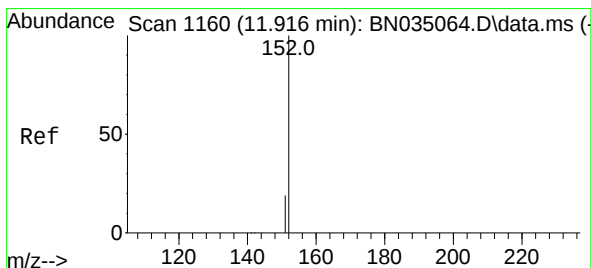
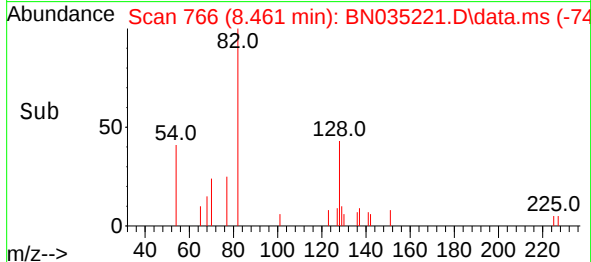
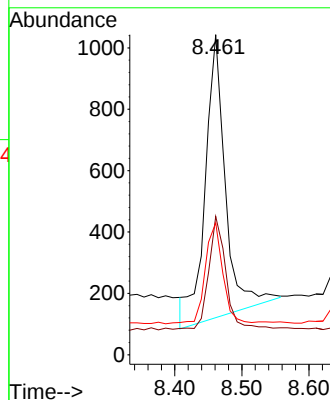
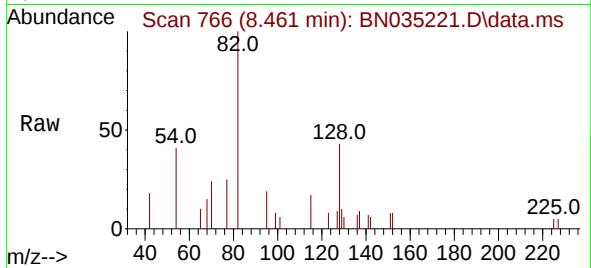




#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 8.461 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

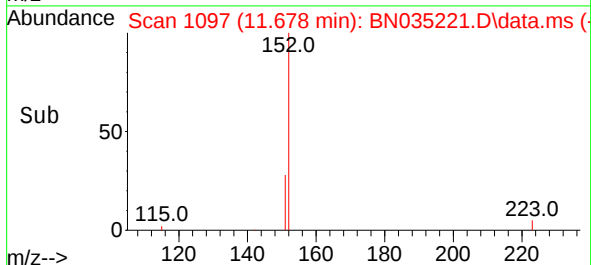
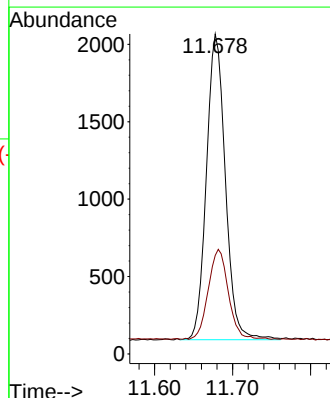
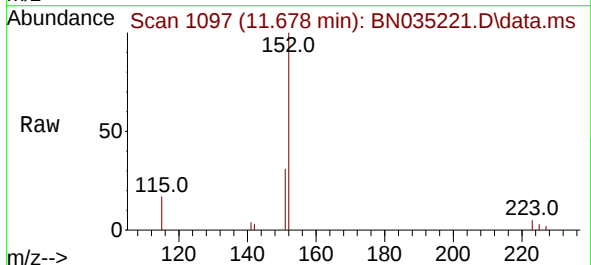
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114

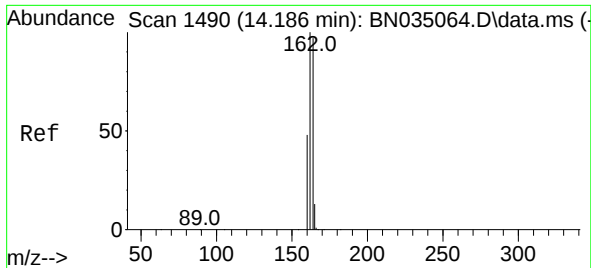
Tgt Ion: 82 Resp: 1938
Ion Ratio Lower Upper
82 100
128 43.2 36.5 54.7
54 41.2 28.7 43.1



#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 11.678 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

Tgt Ion:152 Resp: 3332
Ion Ratio Lower Upper
152 100
151 30.9 16.2 24.4#

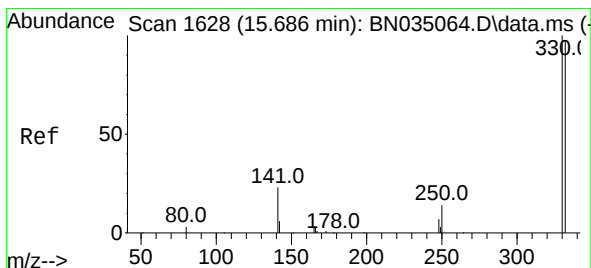
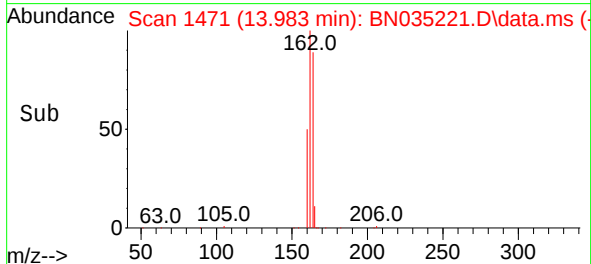
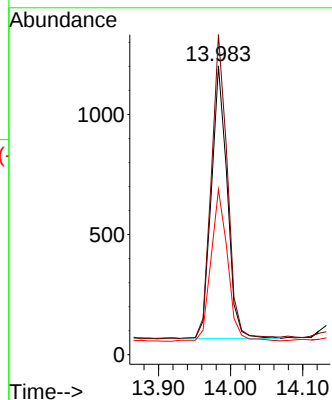
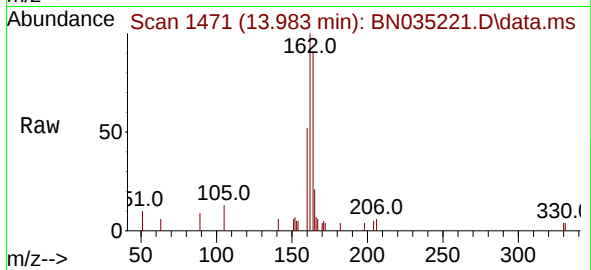




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.983 min Scan# 14
Delta R.T. -0.004 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

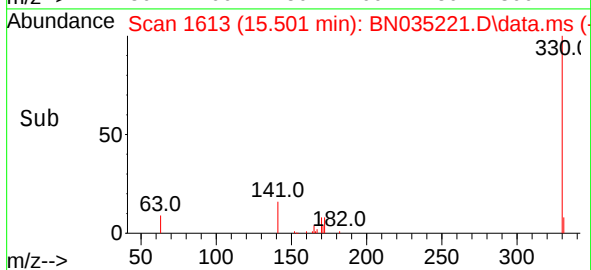
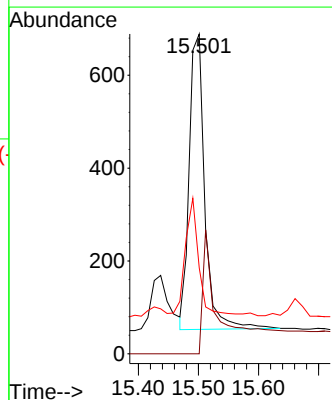
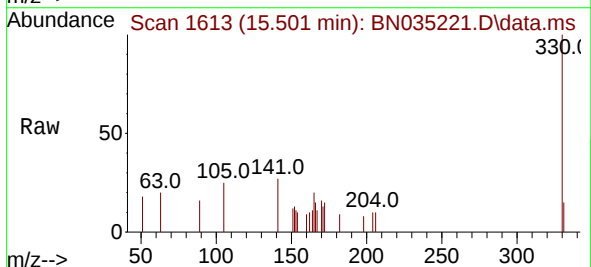
Instrument :
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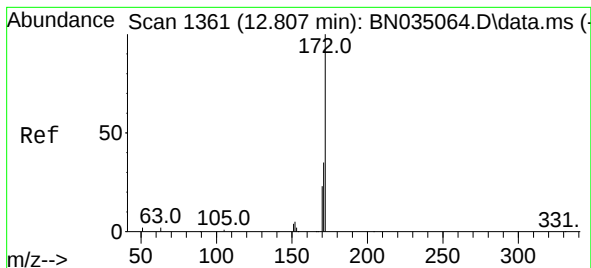
Tgt Ion:164 Resp: 1733
Ion Ratio Lower Upper
164 100
162 110.8 82.2 123.2
160 57.2 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 1.001 ng
RT: 15.501 min Scan# 1613
Delta R.T. 0.007 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

Tgt Ion:330 Resp: 1252
Ion Ratio Lower Upper
330 100
332 0.0 76.9 115.3#
141 34.8 29.6 44.4





#15

2-Fluorobiphenyl

Concen: 0.353 ng

RT: 12.604 min Scan# 1714

Delta R.T. -0.004 min

Lab File: BN035221.D

Acq: 21 Nov 2024 14:35

Instrument :

BNA_N

ClientSampleId :

RW5-SP201-20241114

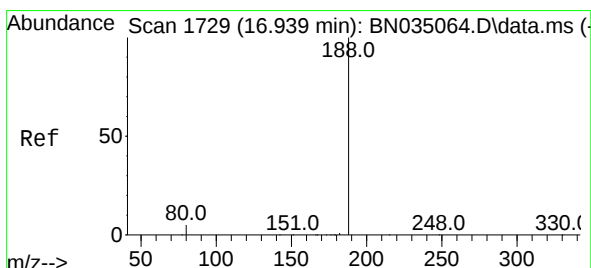
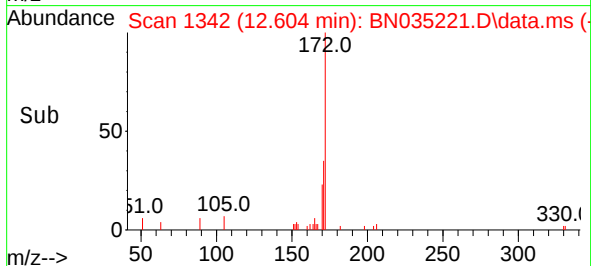
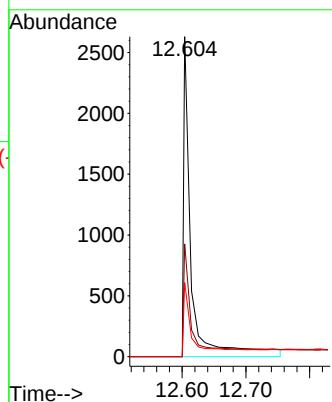
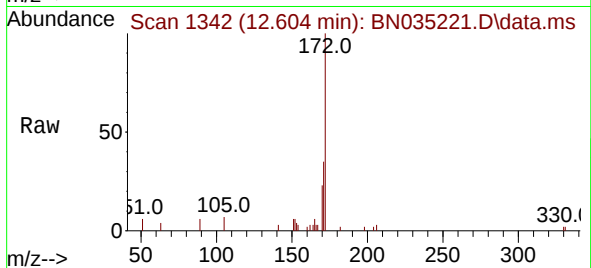
Tgt Ion:172 Resp: 2481

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.2 19.0 28.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.753 min Scan# 1714

Delta R.T. 0.007 min

Lab File: BN035221.D

Acq: 21 Nov 2024 14:35

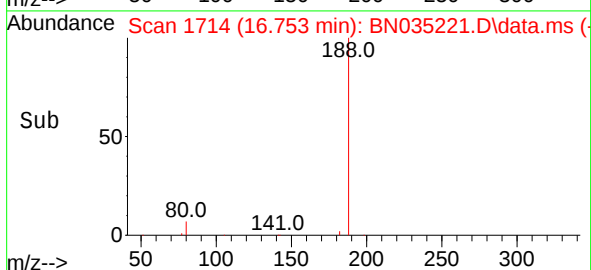
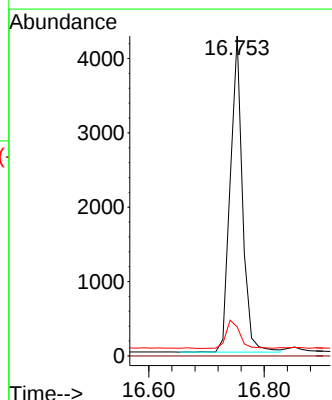
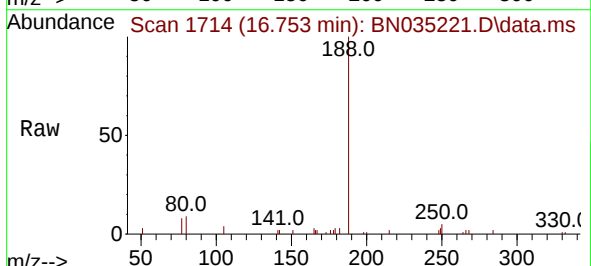
Tgt Ion:188 Resp: 6277

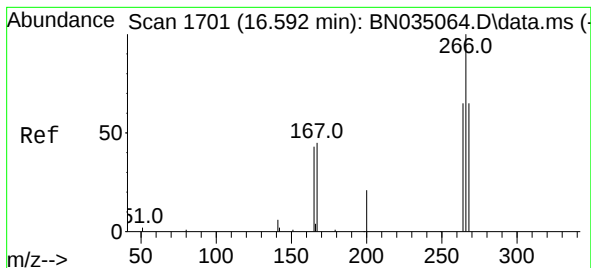
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 4.3 6.5#





#24

Pentachlorophenol

Concen: 0.044 ng

RT: 16.406 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN035221.D

Acq: 21 Nov 2024 14:35

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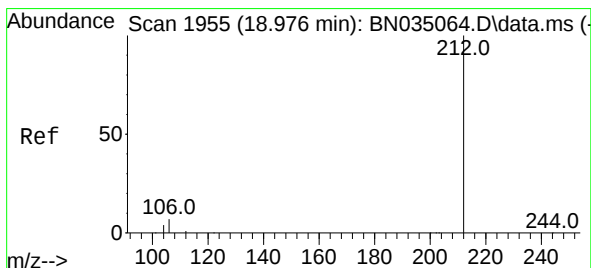
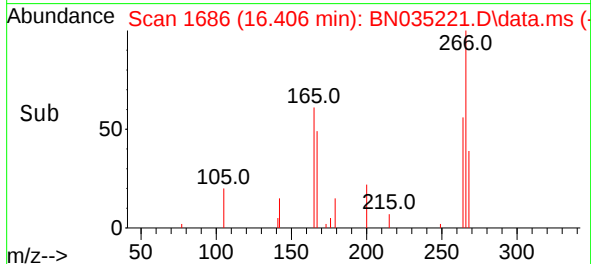
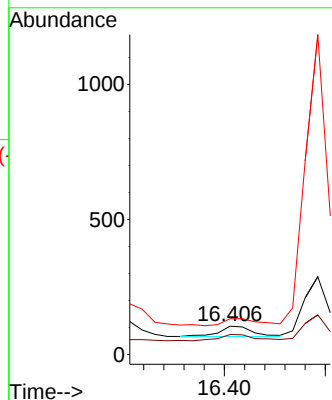
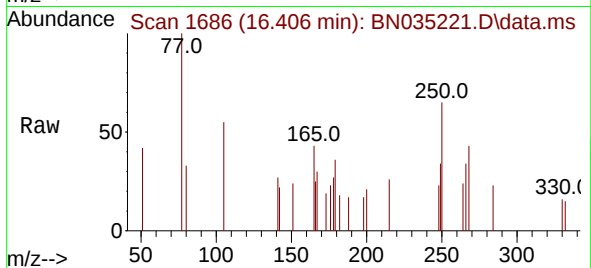
Tgt Ion:266 Resp: 86

Ion Ratio Lower Upper

266 100

264 69.8 49.4 74.0

268 69.8 52.6 79.0



#27

Fluoranthene-d10

Concen: 0.150 ng

RT: 18.808 min Scan# 1919

Delta R.T. 0.002 min

Lab File: BN035221.D

Acq: 21 Nov 2024 14:35

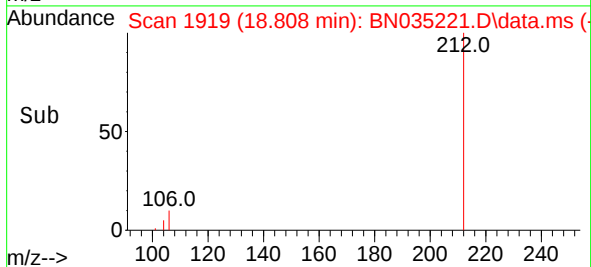
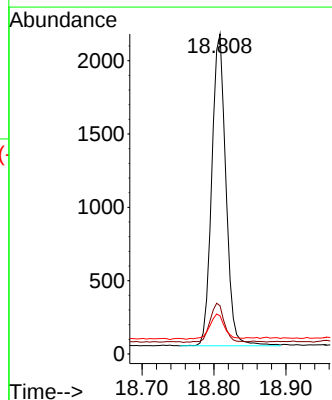
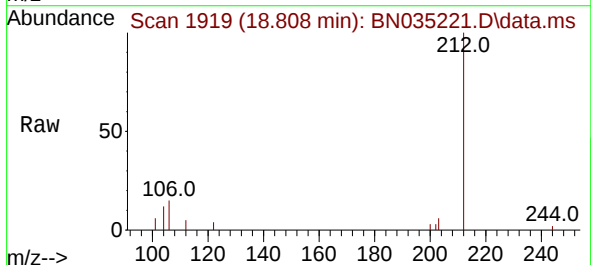
Tgt Ion:212 Resp: 2890

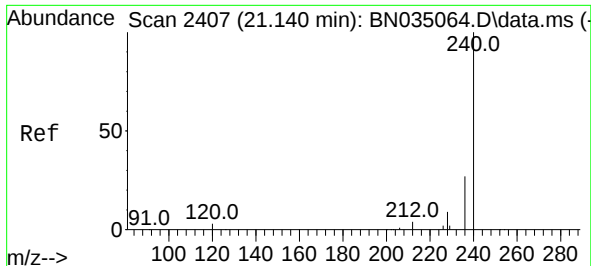
Ion Ratio Lower Upper

212 100

106 12.8 6.0 9.0#

104 8.5 3.5 5.3#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.006 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN035221.D

Acq: 21 Nov 2024 14:35

Instrument :

BNA_N

ClientSampleId :

RW5-SP201-20241114

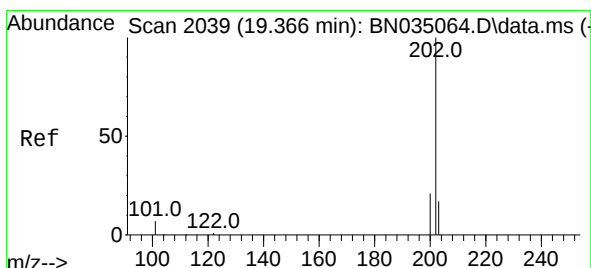
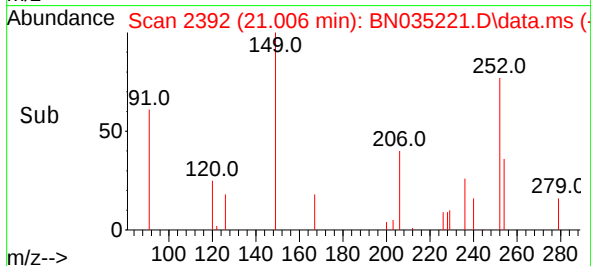
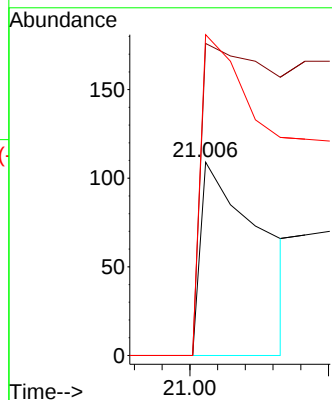
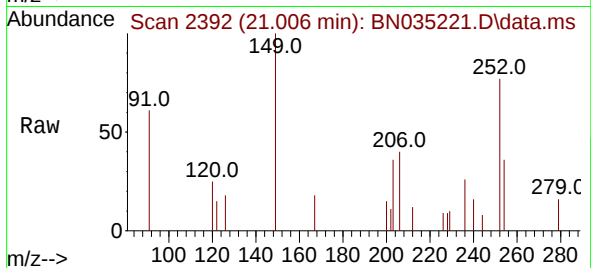
Tgt Ion:240 Resp: 144

Ion Ratio Lower Upper

240 100

120 161.5 3.8 5.6#

236 166.1 22.2 33.2#



#30

Pyrene

Concen: 0.027 ng

RT: 19.208 min Scan# 2005

Delta R.T. 0.002 min

Lab File: BN035221.D

Acq: 21 Nov 2024 14:35

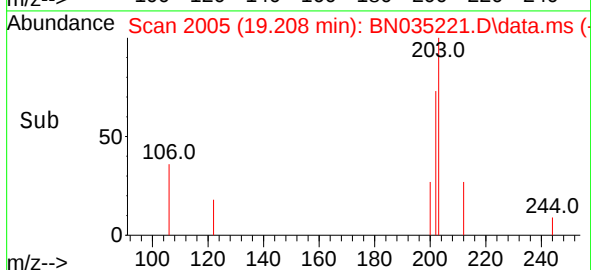
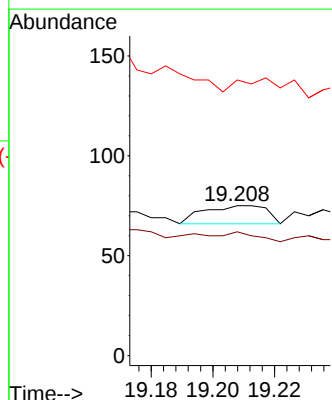
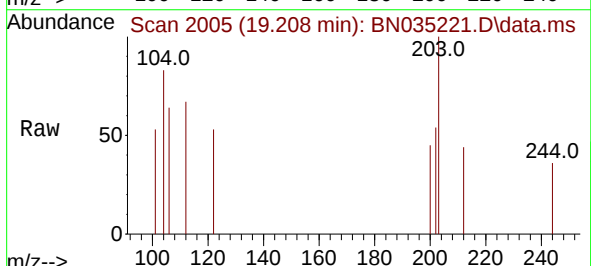
Tgt Ion:202 Resp: 13

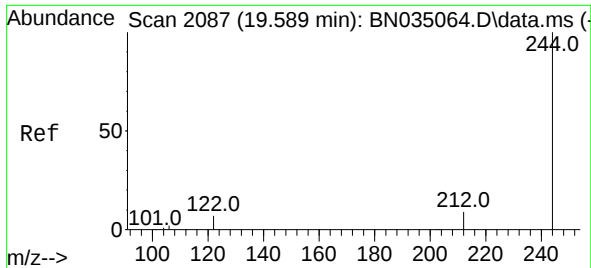
Ion Ratio Lower Upper

202 100

200 0.0 16.7 25.1#

203 0.0 14.2 21.4#

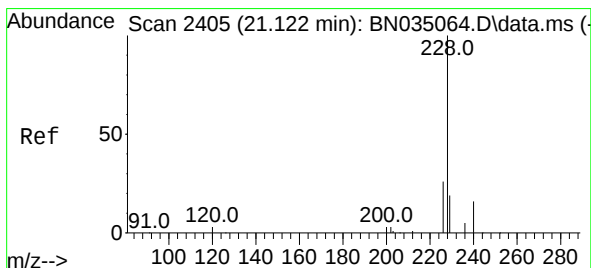
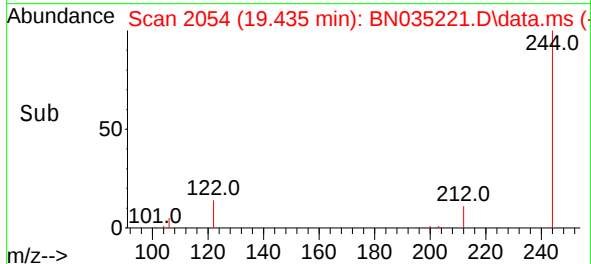
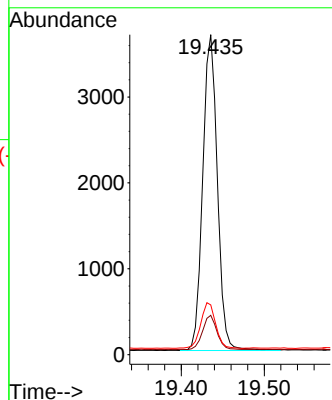
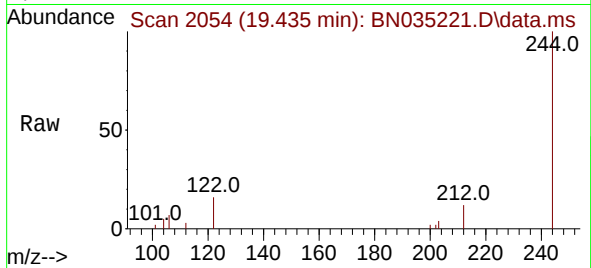




#31
Terphenyl-d14
Concen: 14.946 ng
RT: 19.435 min Scan# 2087
Delta R.T. -0.003 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

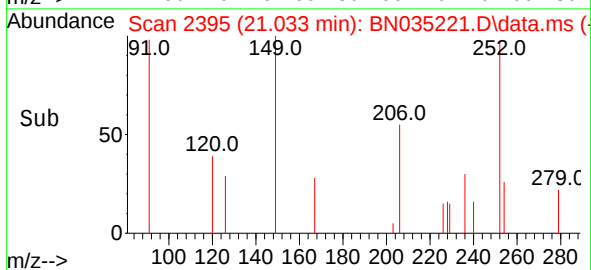
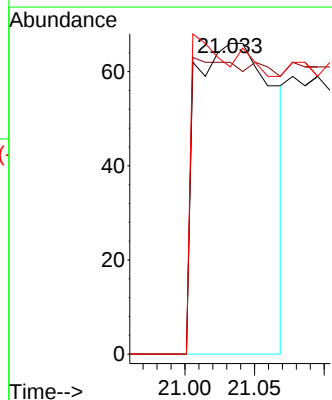
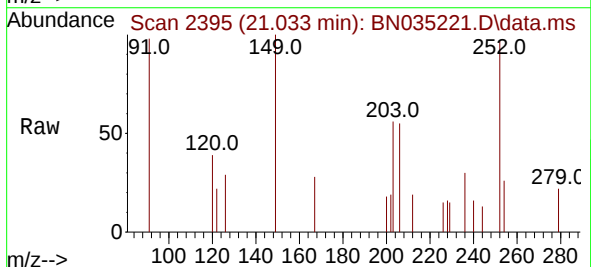
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114

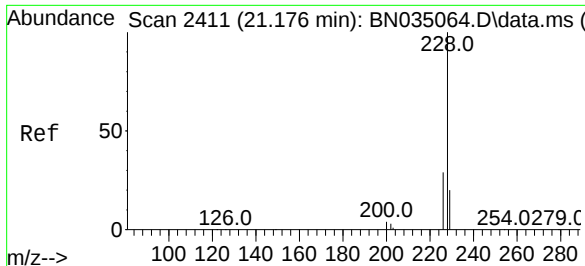
Tgt Ion:244 Resp: 4516
Ion Ratio Lower Upper
244 100
212 12.3 7.6 11.4#
122 15.6 6.1 9.1#



#32
Benzo(a)anthracene
Concen: 0.471 ng
RT: 21.033 min Scan# 2395
Delta R.T. -0.003 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

Tgt Ion:228 Resp: 236
Ion Ratio Lower Upper
228 100
226 93.9 21.4 32.0#
229 92.4 15.7 23.5#





#33

Chrysene

Concen: 0.475 ng

RT: 21.033 min Scan# 2411

Delta R.T. -0.003 min

Lab File: BN035221.D

Acq: 21 Nov 2024 14:35

Instrument :

BNA_N

ClientSampleId :

RW5-SP201-20241114

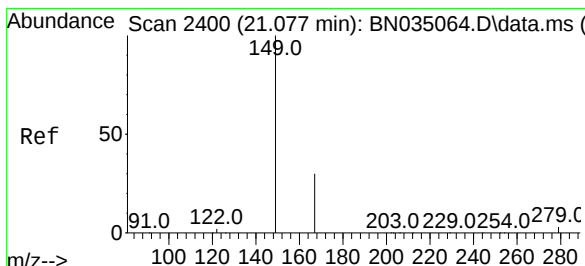
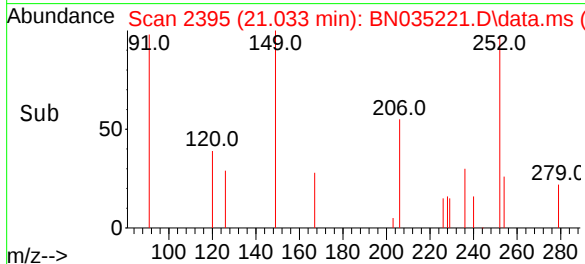
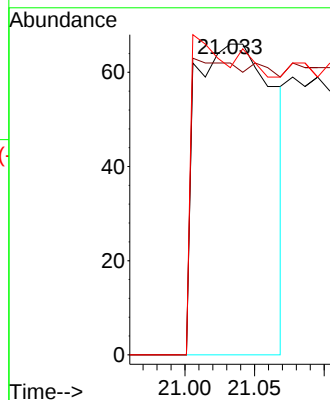
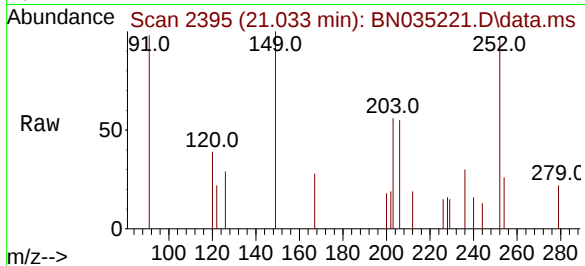
Tgt Ion:228 Resp: 236

Ion Ratio Lower Upper

228 100

226 93.9 23.7 35.5#

229 92.4 16.2 24.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 3.330 ng

RT: 21.006 min Scan# 2392

Delta R.T. -0.020 min

Lab File: BN035221.D

Acq: 21 Nov 2024 14:35

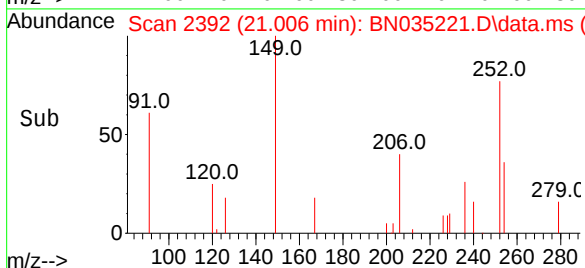
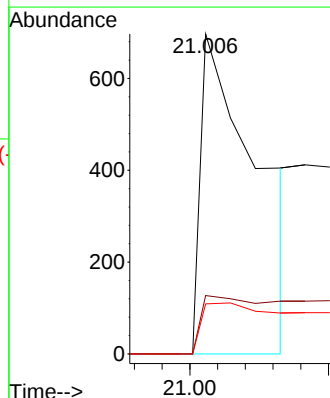
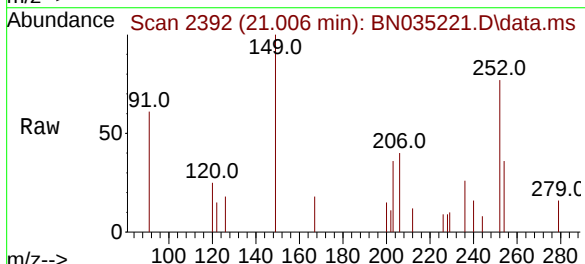
Tgt Ion:149 Resp: 876

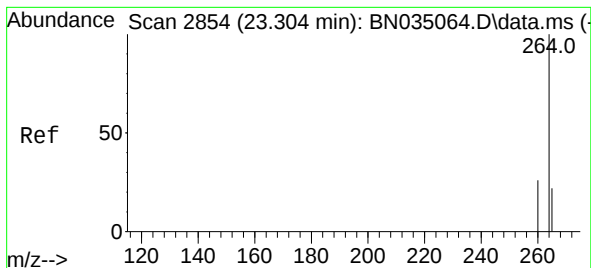
Ion Ratio Lower Upper

149 100

167 16.7 23.2 34.8#

279 19.9 3.2 4.8#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.102 min Scan# 21

Delta R.T. -0.002 min

Lab File: BN035221.D

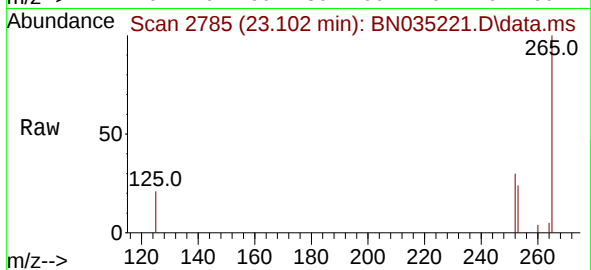
Acq: 21 Nov 2024 14:35

Instrument :

BNA_N

ClientSampleId :

RW5-SP201-20241114



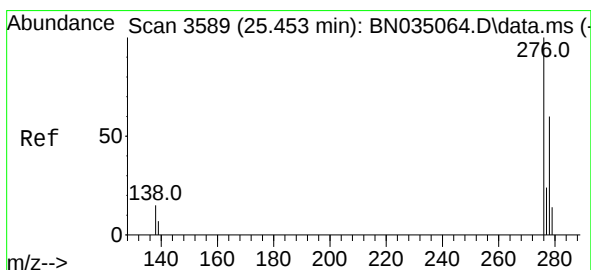
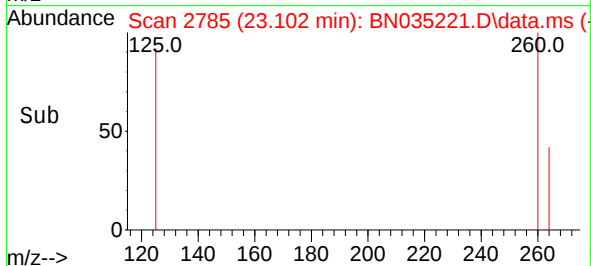
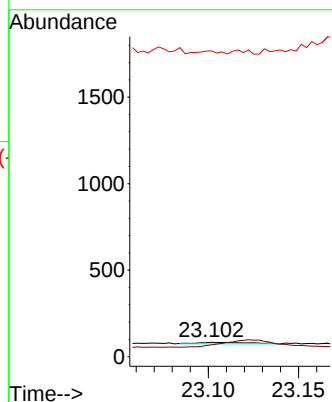
Tgt Ion:264 Resp: 16

Ion Ratio Lower Upper

264 100

260 81.9 20.9 31.3#

265 2130.1 35.4 53.2#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.846 ng

RT: 25.008 min Scan# 3437

Delta R.T. -0.149 min

Lab File: BN035221.D

Acq: 21 Nov 2024 14:35

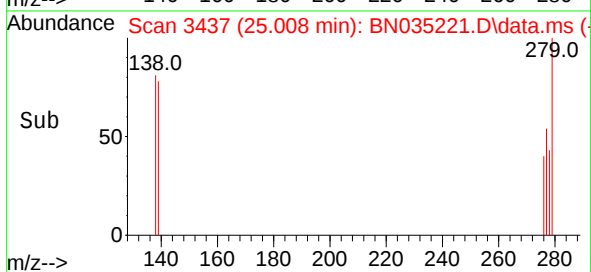
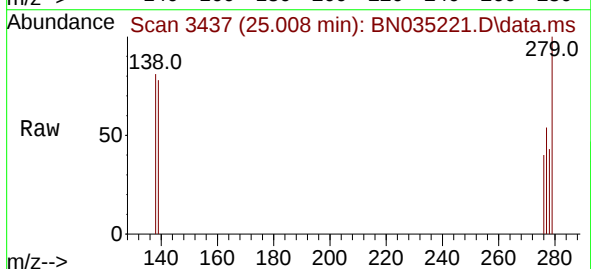
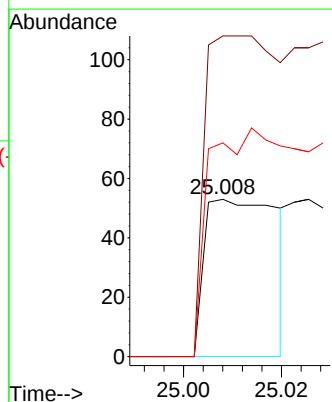
Tgt Ion:276 Resp: 54

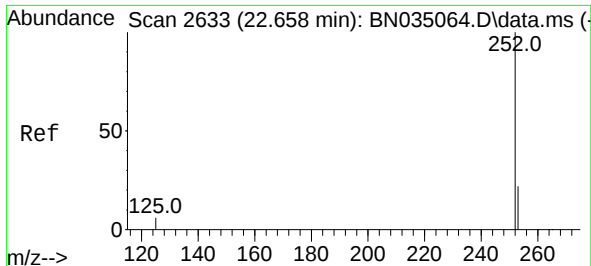
Ion Ratio Lower Upper

276 100

138 205.6 13.0 19.4#

277 185.2 19.8 29.6#





#37

Benzo(b)fluoranthene

Concen: 0.390 ng

RT: 22.482 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN035221.D

Acq: 21 Nov 2024 14:35

Instrument :

BNA_N

ClientSampleId :

RW5-SP201-20241114

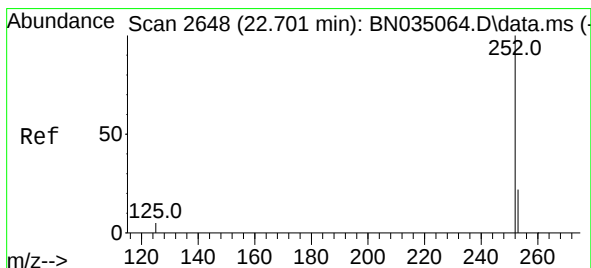
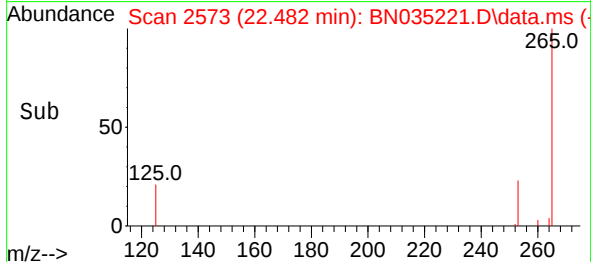
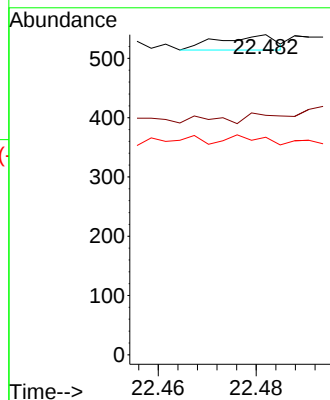
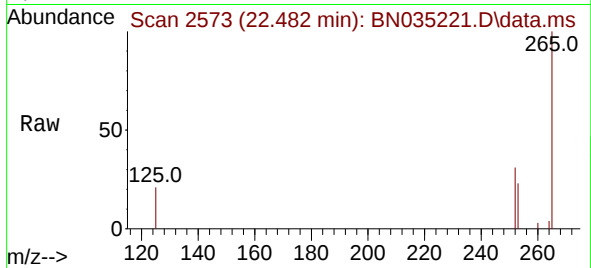
Tgt Ion:252 Resp: 21

Ion Ratio Lower Upper

252 100

253 74.8 19.3 28.9#

125 68.0 6.2 9.2#



#38

Benzo(k)fluoranthene

Concen: 0.093 ng

RT: 22.514 min Scan# 2584

Delta R.T. -0.014 min

Lab File: BN035221.D

Acq: 21 Nov 2024 14:35

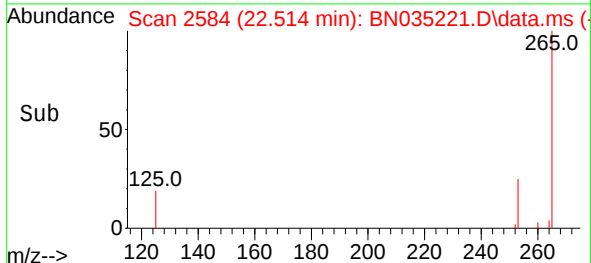
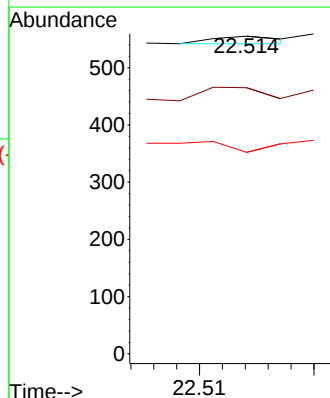
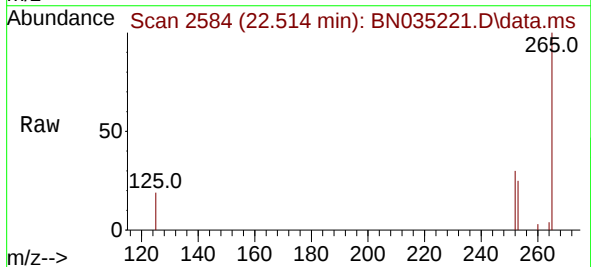
Tgt Ion:252 Resp: 5

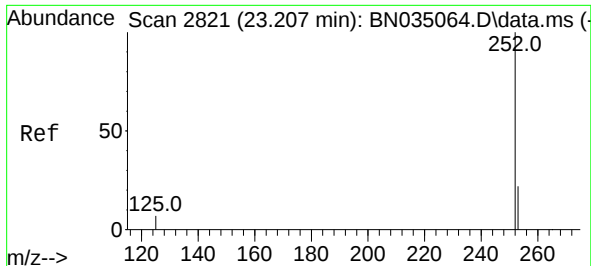
Ion Ratio Lower Upper

252 100

253 83.8 19.5 29.3#

125 63.4 6.5 9.7#





#39

Benzo(a)pyrene

Concen: 0.654 ng

RT: 23.005 min Scan# 21

Delta R.T. -0.008 min

Lab File: BN035221.D

Acq: 21 Nov 2024 14:35

Instrument :

BNA_N

ClientSampleId :

RW5-SP201-20241114

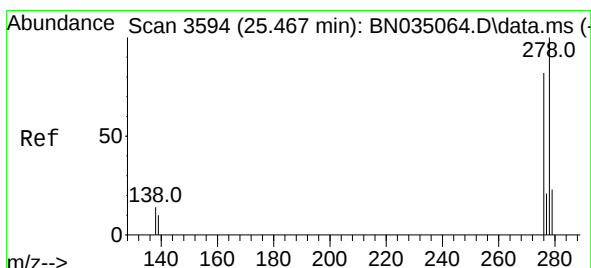
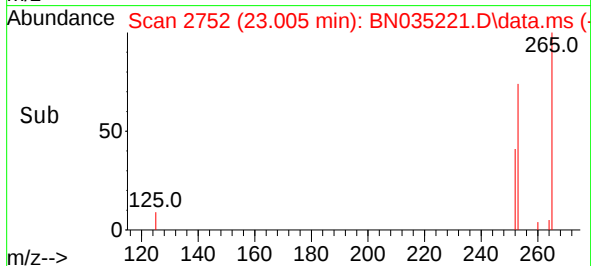
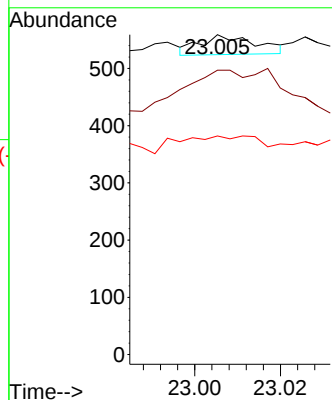
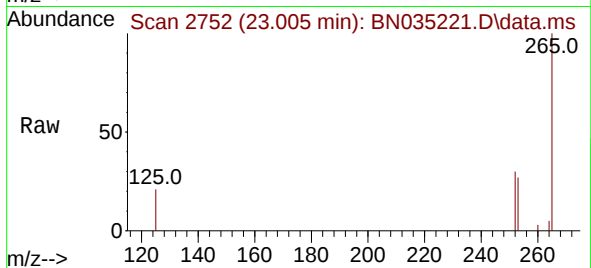
Tgt Ion:252 Resp: 31

Ion Ratio Lower Upper

252 100

253 88.9 20.1 30.1#

125 68.3 7.5 11.3#



#40

Dibenzo(a,h)anthracene

Concen: 0.989 ng

RT: 25.005 min Scan# 3436

Delta R.T. -0.172 min

Lab File: BN035221.D

Acq: 21 Nov 2024 14:35

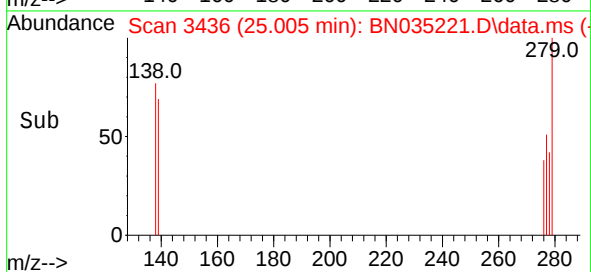
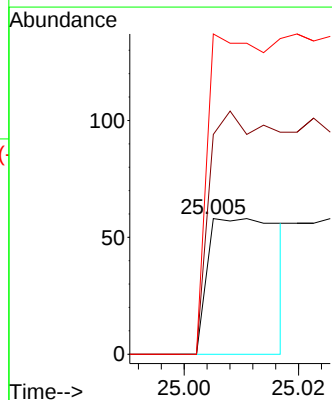
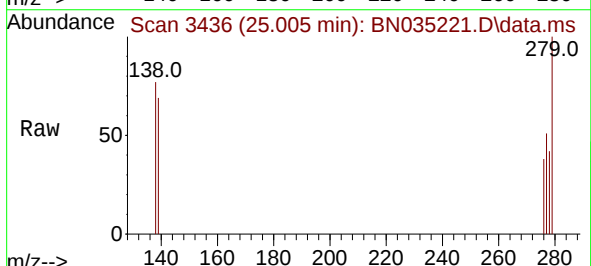
Tgt Ion:278 Resp: 50

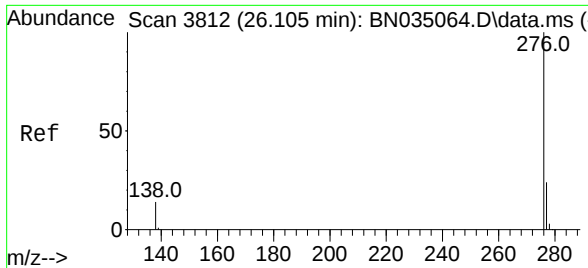
Ion Ratio Lower Upper

278 100

139 162.1 9.3 13.9#

279 236.2 19.7 29.5#





#41

Benzo(g,h,i)perylene

Concen: 0.093 ng

RT: 25.771 min Scan# 3

Delta R.T. -0.005 min

Lab File: BN035221.D

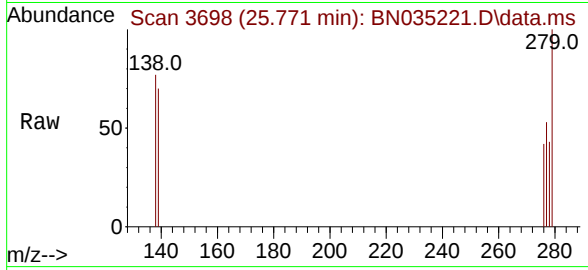
Acq: 21 Nov 2024 14:35

Instrument :

BNA_N

ClientSampleId :

RW5-SP201-20241114



Tgt Ion:276 Resp: 5

Ion Ratio Lower Upper

276 100

277 126.3 19.9 29.9#

138 184.2 11.6 17.4#

