

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034489.D
 Acq On : 09 Oct 2024 04:20
 Operator : RC/JU
 Sample : P4226-14
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20240925

Quant Time: Oct 09 04:47:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

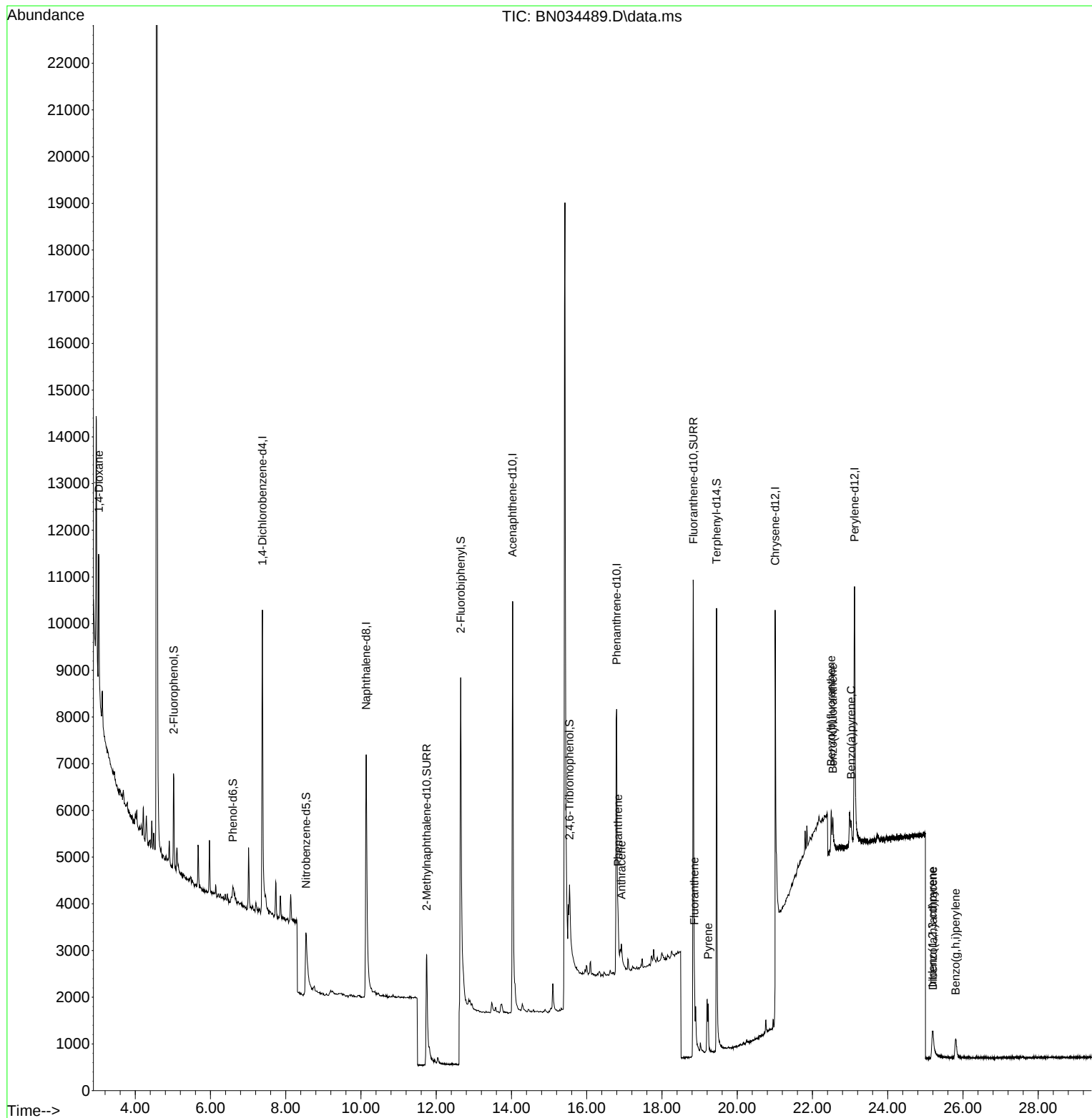
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	3867	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	11268	0.400	ng	-0.01
13) Acenaphthene-d10	14.030	164	6742	0.400	ng	-0.02
19) Phenanthrene-d10	16.796	188	12014	0.400	ng	0.00
29) Chrysene-d12	21.008	240	7069	0.400	ng	0.00
35) Perylene-d12	23.119	264	8204	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.026	112	1773	0.162	ng	0.00
5) Phenol-d6	6.593	99	681	0.053	ng	0.00
8) Nitrobenzene-d5	8.536	82	2322	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	11.742	152	5517	0.332	ng	-0.01
14) 2,4,6-Tribromophenol	15.542	330	1067	0.349	ng	0.00
15) 2-Fluorobiphenyl	12.651	172	10235	0.373	ng	0.00
27) Fluoranthene-d10	18.834	212	13930	0.460	ng	-0.01
31) Terphenyl-d14	19.452	244	10529	0.746	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.032	88	2173	0.449	ng	# 69
25) Phenanthrene	16.833	178	741	0.021	ng	# 93
26) Anthracene	16.920	178	583	0.021	ng	# 94
28) Fluoranthene	18.862	202	1082	0.027	ng	# 93
30) Pyrene	19.229	202	968	0.032	ng	98
36) Indeno(1,2,3-cd)pyrene	25.189	276	1027	0.029	ng	# 83
37) Benzo(b)fluoranthene	22.499	252	1142	0.036	ng	# 1
38) Benzo(k)fluoranthene	22.543	252	1026	0.030	ng	# 1
39) Benzo(a)pyrene	23.031	252	674	0.026	ng	# 1
40) Dibenzo(a,h)anthracene	25.206	278	597	0.022	ng	# 1
41) Benzo(g,h,i)perylene	25.809	276	915	0.030	ng	# 56

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

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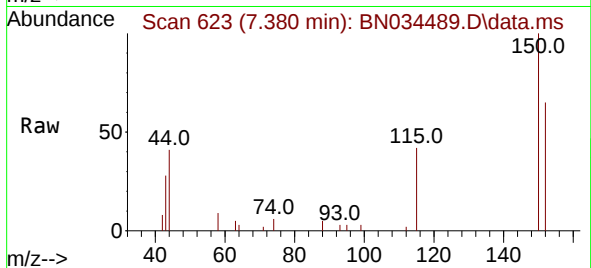
Quant Time: Oct 09 04:47:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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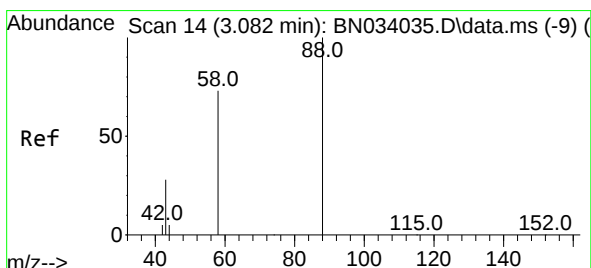
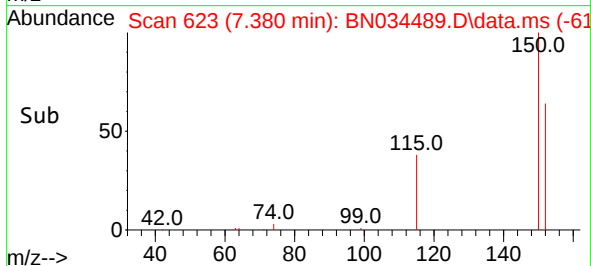
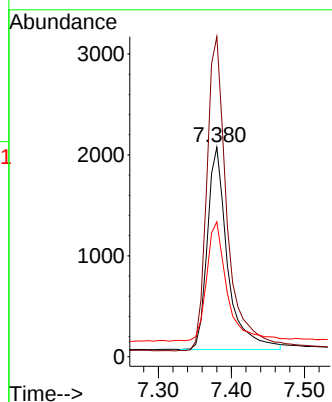


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

Instrument :
BNA_N
ClientSampleId :
TT205S1-20240925

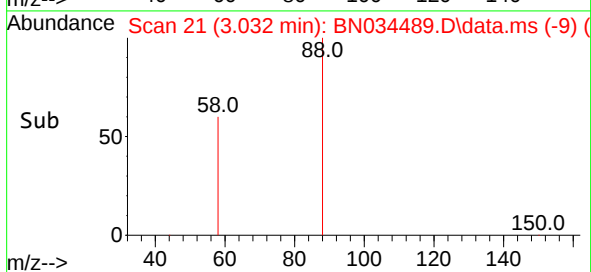
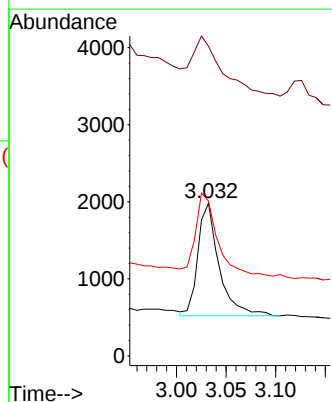
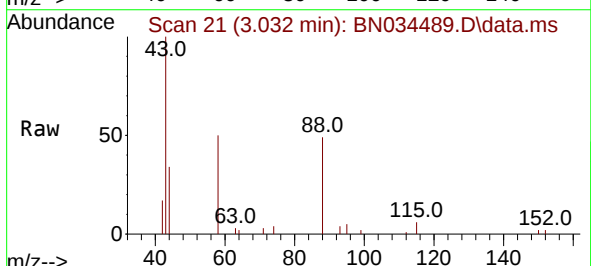


Tgt Ion:152 Resp: 3867
Ion Ratio Lower Upper
152 100
150 152.8 124.6 187.0
115 64.4 50.0 75.0



#2
1,4-Dioxane
Concen: 0.449 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

Tgt Ion: 88 Resp: 2173
Ion Ratio Lower Upper
88 100
43 77.7 25.8 38.8#
58 80.8 58.8 88.2

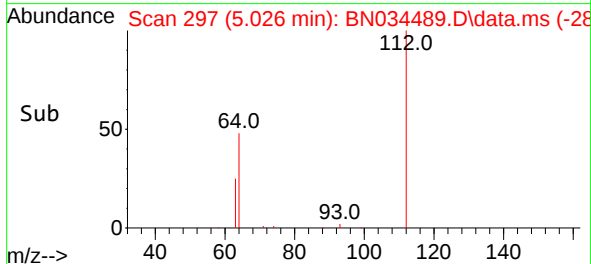
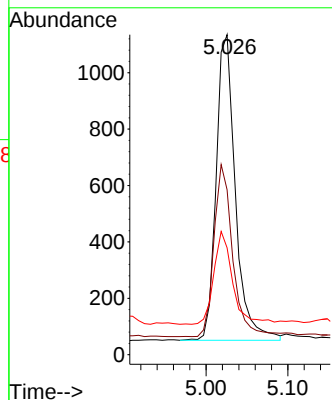
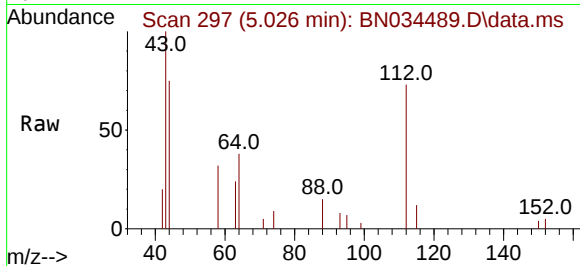




#4
2-Fluorophenol
Concen: 0.162 ng
RT: 5.026 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

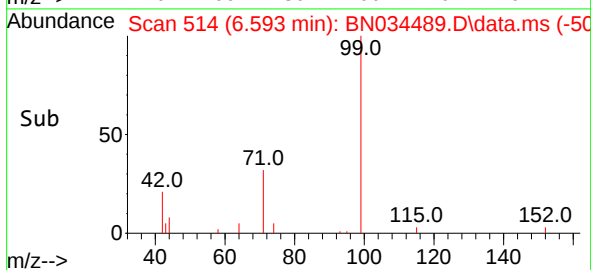
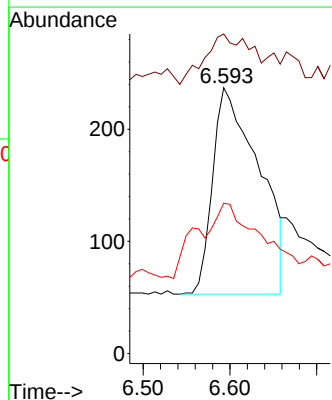
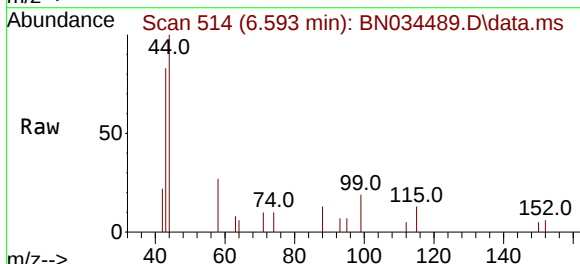
Instrument :
BNA_N
ClientSampleId :
TT205S1-20240925

Tgt Ion:112 Resp: 1773
Ion Ratio Lower Upper
112 100
64 55.0 48.6 72.8
63 29.7 25.6 38.4



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.593 min Scan# 514
Delta R.T. -0.007 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

Tgt Ion: 99 Resp: 681
Ion Ratio Lower Upper
99 100
42 25.6 17.8 26.8
71 21.0 26.2 39.2#

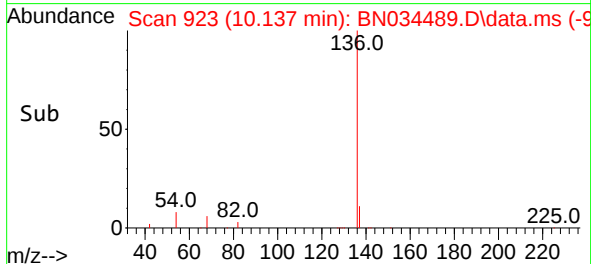
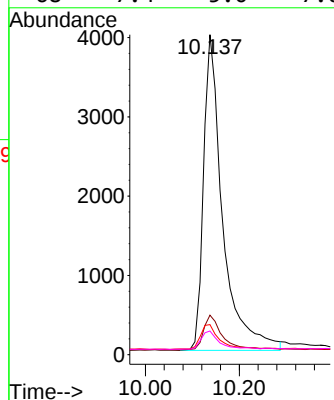
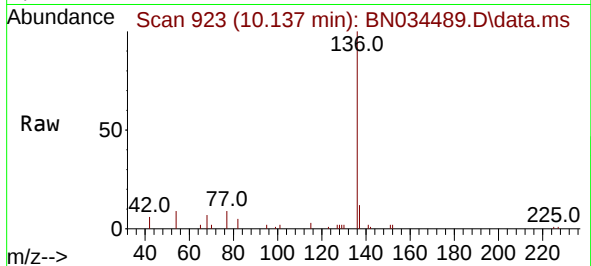




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. -0.010 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

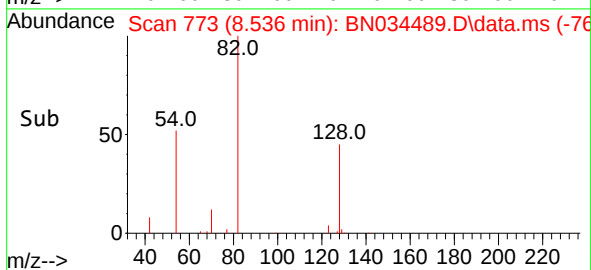
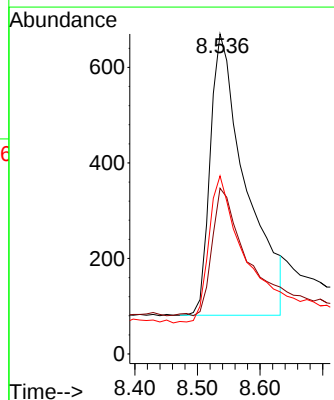
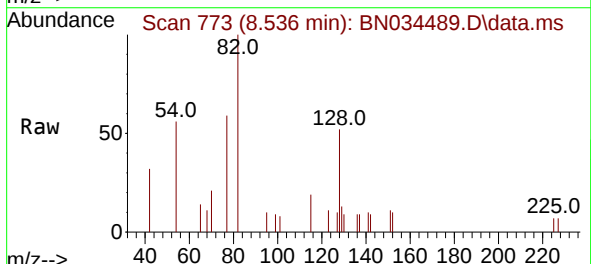
Instrument :
BNA_N
ClientSampleId :
TT205S1-20240925

Tgt Ion:136	Resp:	11268
Ion Ratio	Lower	Upper
136	100	
137	12.4	9.0 13.6
54	9.4	6.8 10.2
68	7.4	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.536 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

Tgt Ion: 82	Resp:	2322
Ion Ratio	Lower	Upper
82	100	
128	51.8	31.4 47.2#
54	55.7	47.4 71.0





#11

2-Methylnaphthalene-d10

Concen: 0.332 ng

RT: 11.742 min Scan# 1114

Delta R.T. -0.011 min

Lab File: BN034489.D

Acq: 09 Oct 2024 04:20

Instrument :

BNA_N

ClientSampleId :

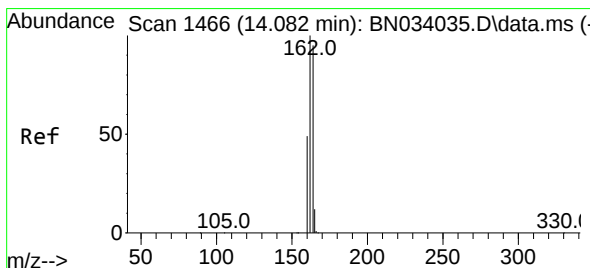
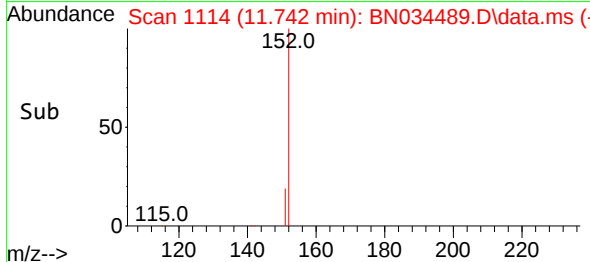
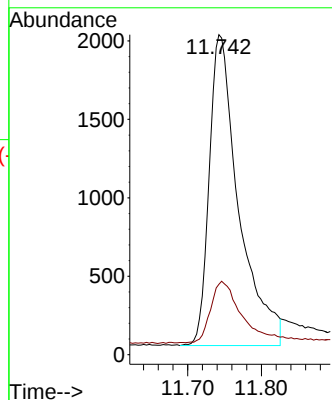
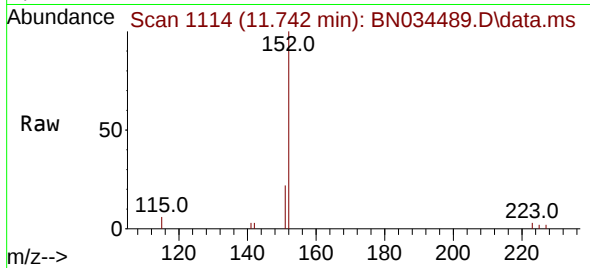
TT205S1-20240925

Tgt Ion:152 Resp: 5517

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.030 min Scan# 1476

Delta R.T. -0.017 min

Lab File: BN034489.D

Acq: 09 Oct 2024 04:20

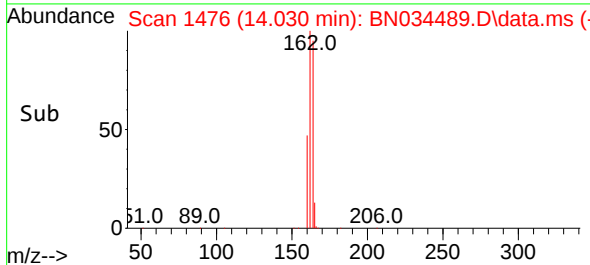
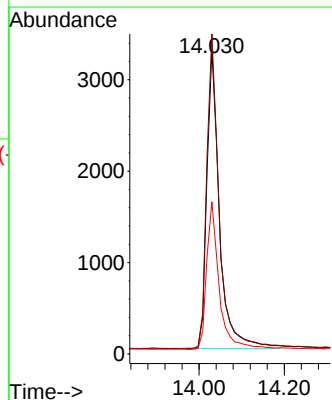
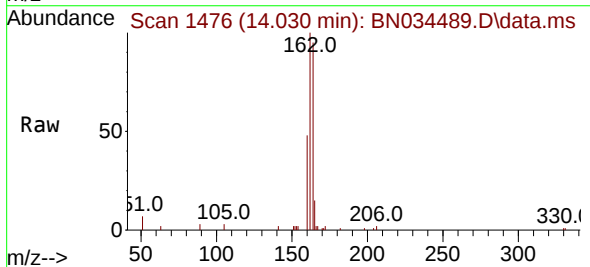
Tgt Ion:164 Resp: 6742

Ion Ratio Lower Upper

164 100

162 105.4 84.2 126.2

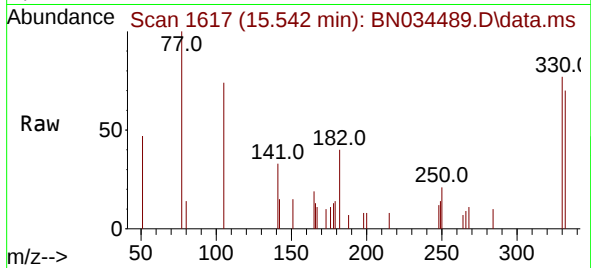
160 50.1 41.7 62.5



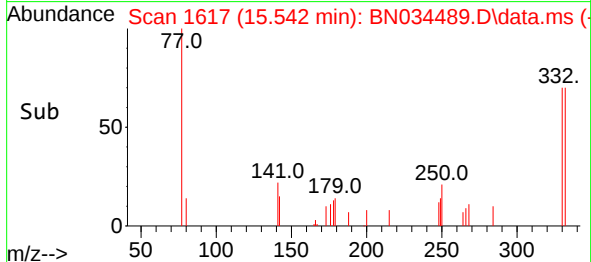
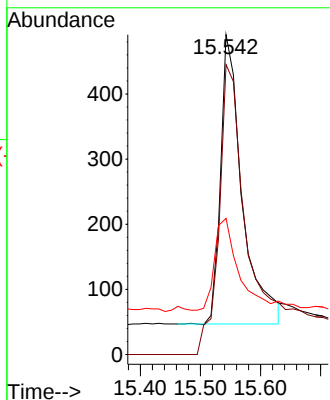


#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 15.542 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

Instrument :
BNA_N
ClientSampleId :
TT205S1-20240925

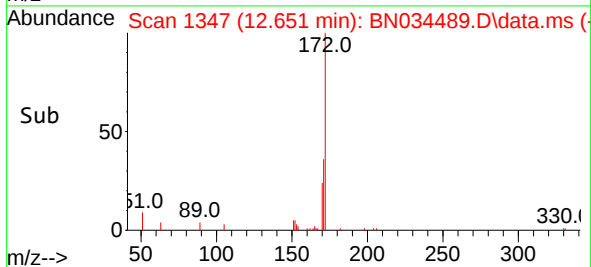
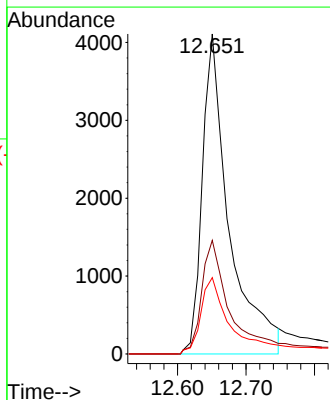
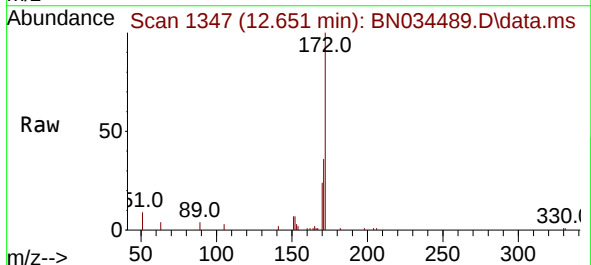


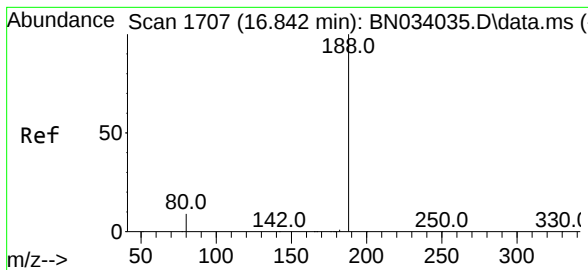
Tgt Ion: 330 Resp: 1067
Ion Ratio Lower Upper
330 100
332 131.2 77.4 116.0#
141 35.7 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 12.651 min Scan# 1347
Delta R.T. -0.007 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

Tgt Ion: 172 Resp: 10235
Ion Ratio Lower Upper
172 100
171 35.5 27.3 40.9
170 23.9 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.796 min Scan# 1

Delta R.T. -0.007 min

Lab File: BN034489.D

Acq: 09 Oct 2024 04:20

Instrument :

BNA_N

ClientSampleId :

TT205S1-20240925

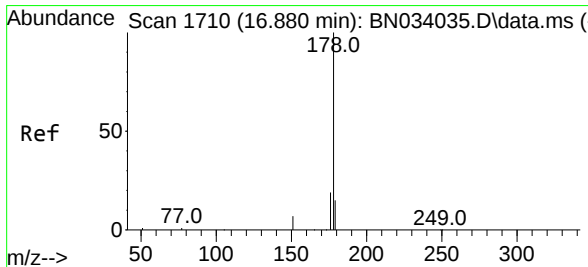
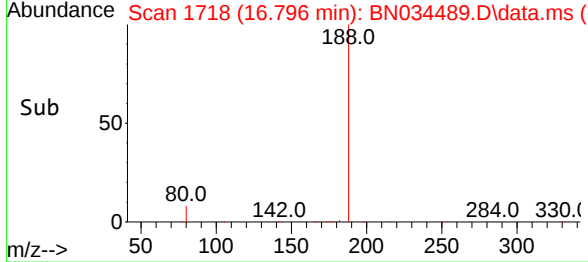
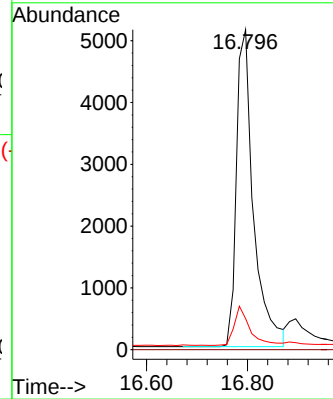
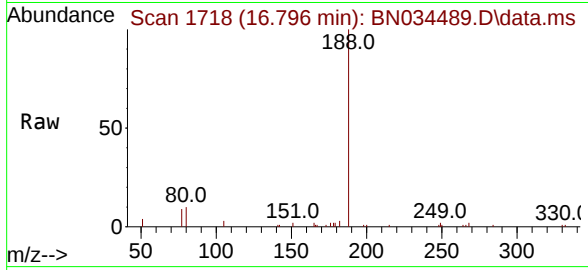
Tgt Ion:188 Resp: 12014

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 7.4 11.0



#25

Phenanthrene

Concen: 0.021 ng

RT: 16.833 min Scan# 1721

Delta R.T. -0.007 min

Lab File: BN034489.D

Acq: 09 Oct 2024 04:20

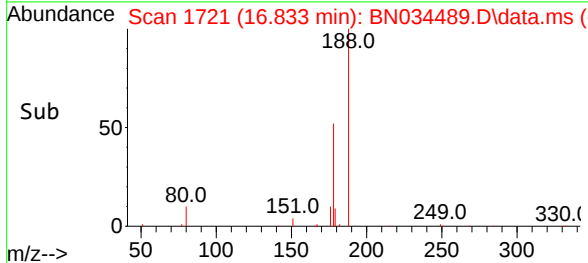
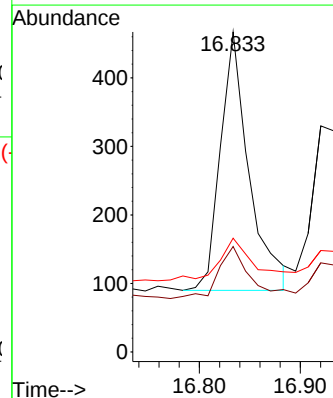
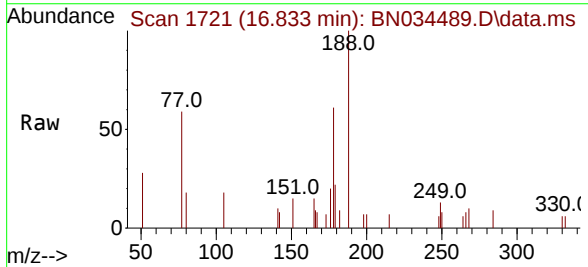
Tgt Ion:178 Resp: 741

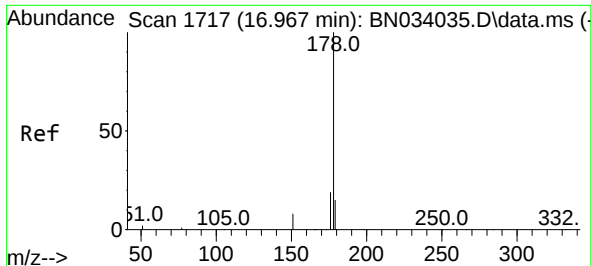
Ion Ratio Lower Upper

178 100

176 20.9 15.3 22.9

179 19.4 12.1 18.1#

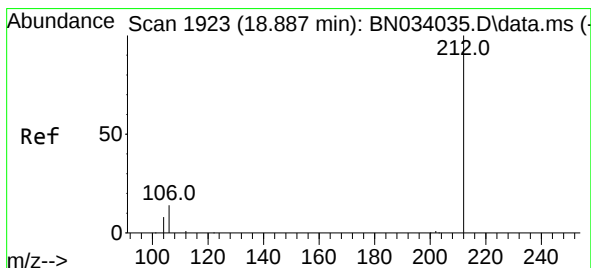
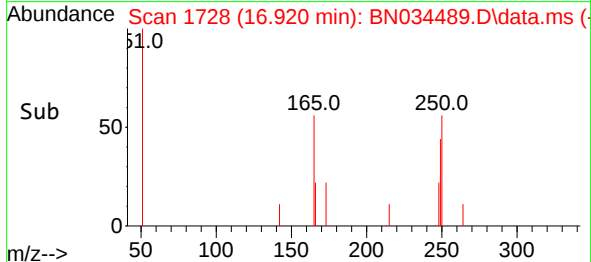
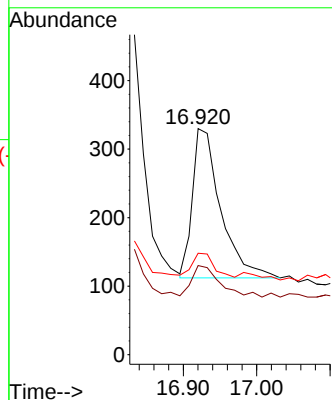
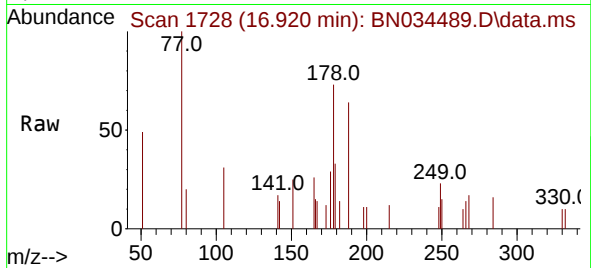




#26
 Anthracene
 Concen: 0.021 ng
 RT: 16.920 min Scan# 1717
 Delta R.T. -0.019 min
 Lab File: BN034489.D
 Acq: 09 Oct 2024 04:20

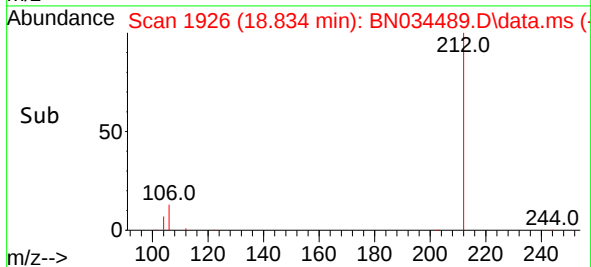
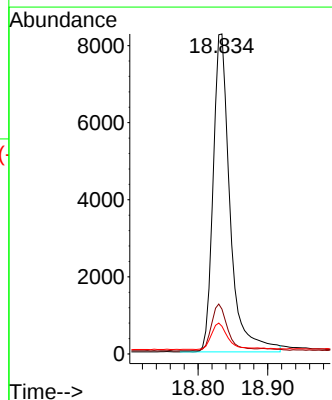
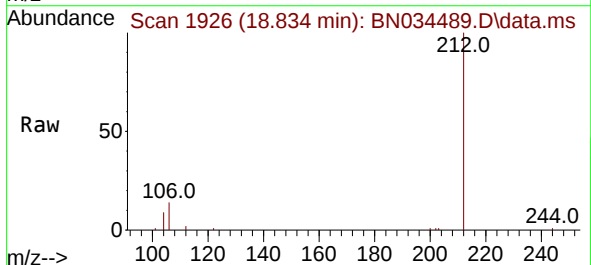
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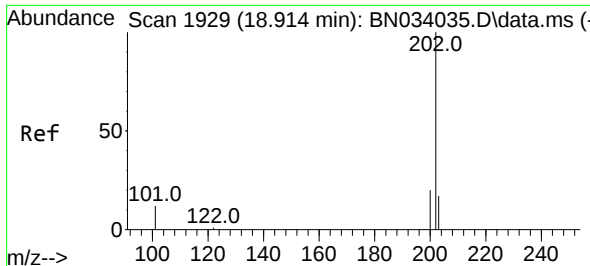
Tgt Ion:178 Resp: 583
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.0 22.6
 179 12.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.460 ng
 RT: 18.834 min Scan# 1926
 Delta R.T. -0.011 min
 Lab File: BN034489.D
 Acq: 09 Oct 2024 04:20

Tgt Ion:212 Resp: 13930
 Ion Ratio Lower Upper
 212 100
 106 14.2 13.4 20.2
 104 8.5 7.8 11.6

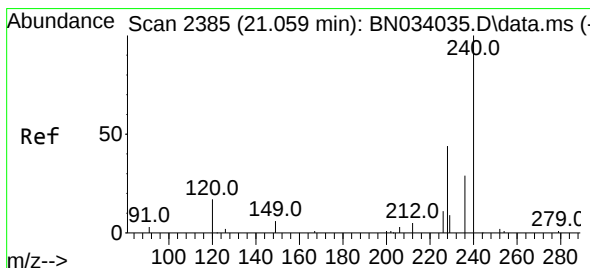
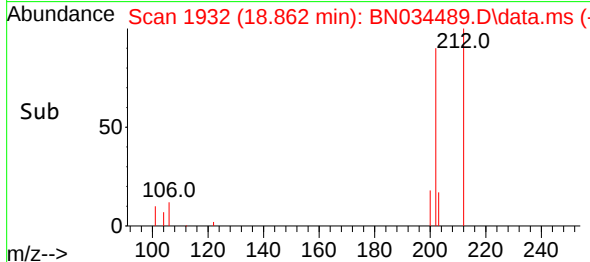
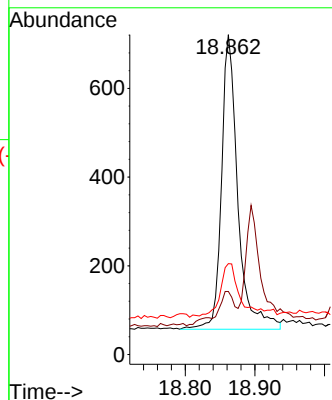
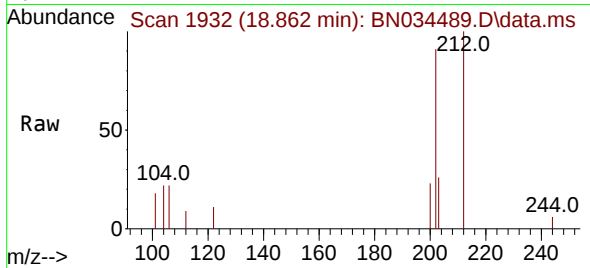




#28
Fluoranthene
Concen: 0.027 ng
RT: 18.862 min Scan# 1929
Delta R.T. -0.016 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

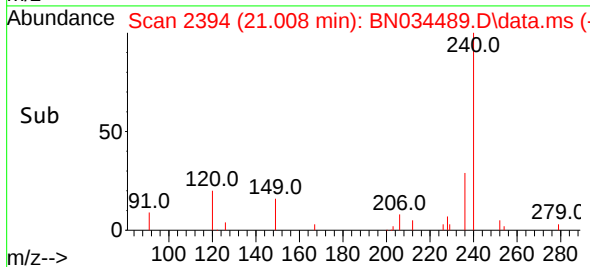
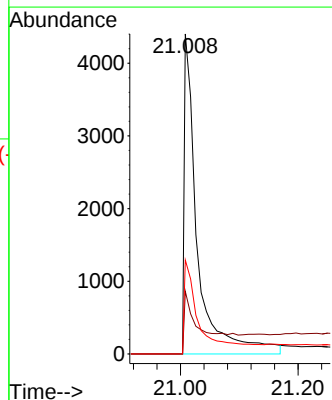
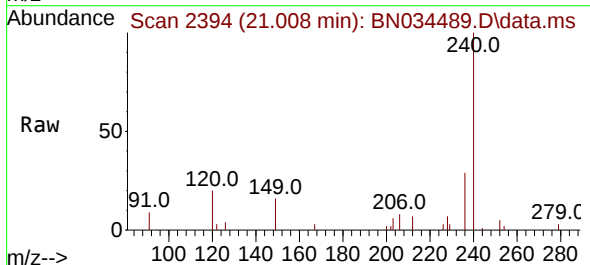
Instrument :
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TT205S1-20240925

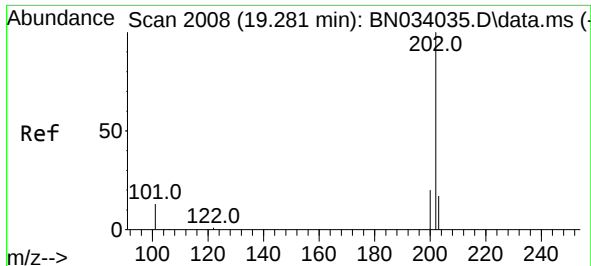
Tgt Ion:202 Resp: 1082
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
203 22.0 13.6 20.4#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

Tgt Ion:240 Resp: 7069
Ion Ratio Lower Upper
240 100
120 19.5 13.5 20.3
236 29.4 23.4 35.0

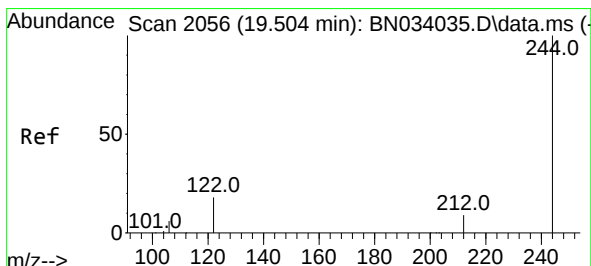
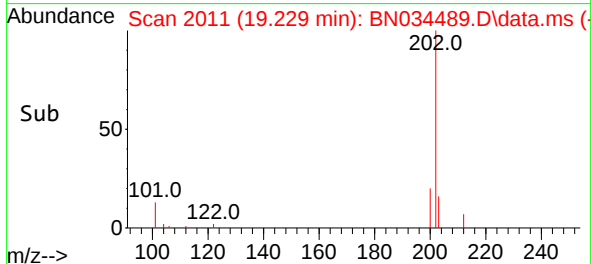
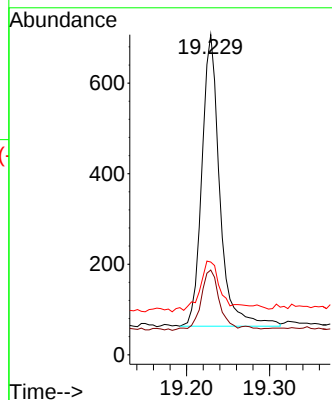
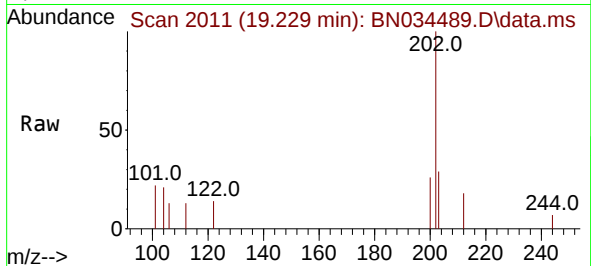




#30
Pyrene
Concen: 0.032 ng
RT: 19.229 min Scan# 2008
Delta R.T. -0.011 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

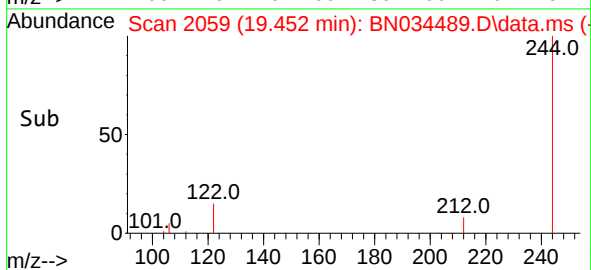
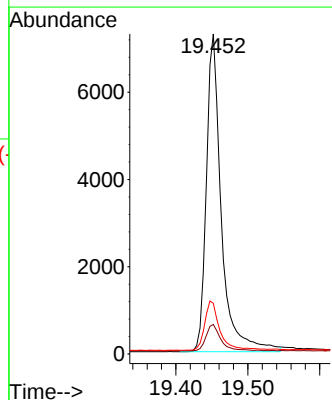
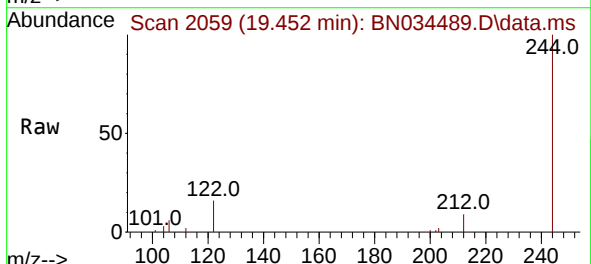
Instrument :
BNA_N
ClientSampleId :
TT205S1-20240925

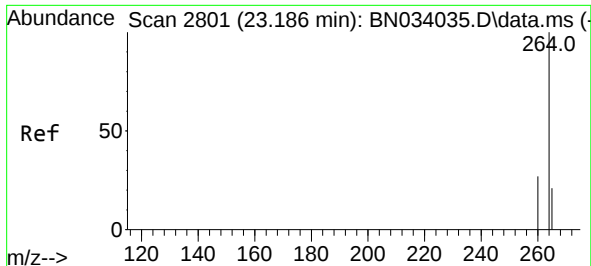
Tgt Ion:202 Resp: 968
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 19.4 14.3 21.5



#31
Terphenyl-d14
Concen: 0.746 ng
RT: 19.452 min Scan# 2059
Delta R.T. -0.016 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

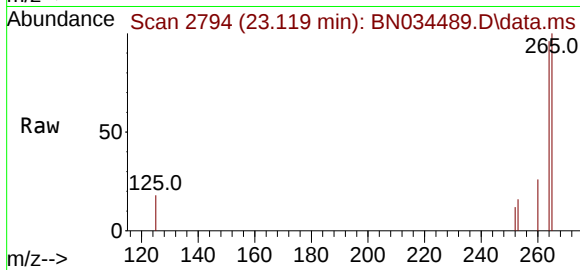
Tgt Ion:244 Resp: 10529
Ion Ratio Lower Upper
244 100
212 9.2 7.8 11.6
122 15.8 14.8 22.2



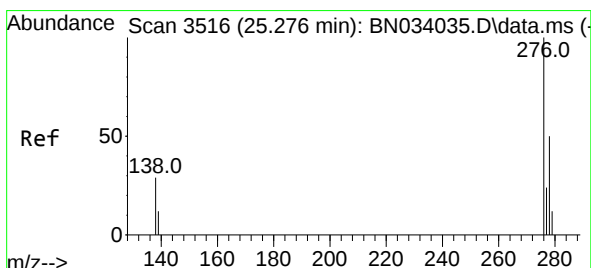
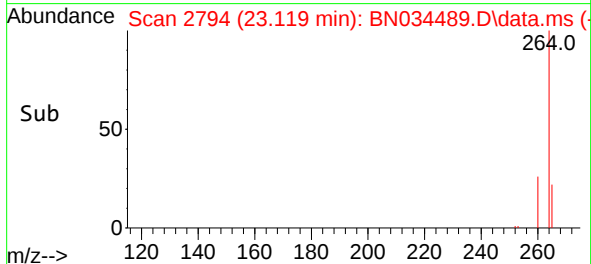
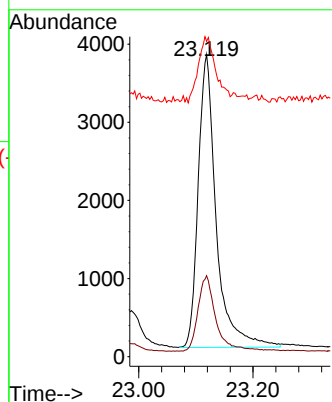


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.119 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

Instrument :
BNA_N
ClientSampleId :
TT205S1-20240925

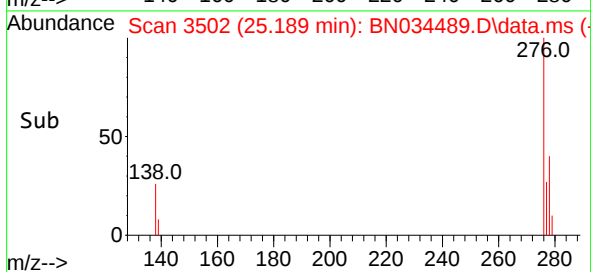
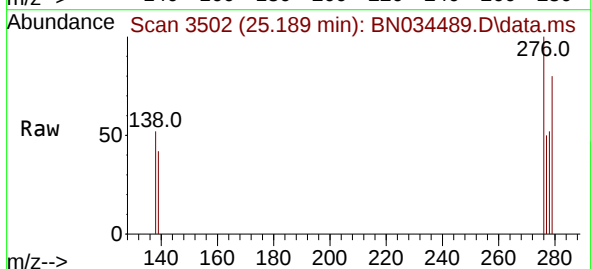
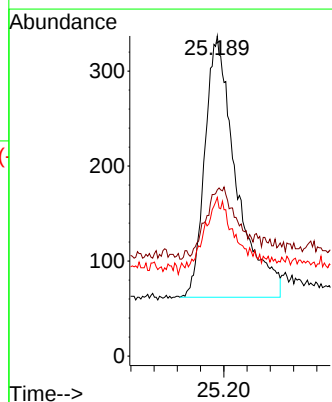


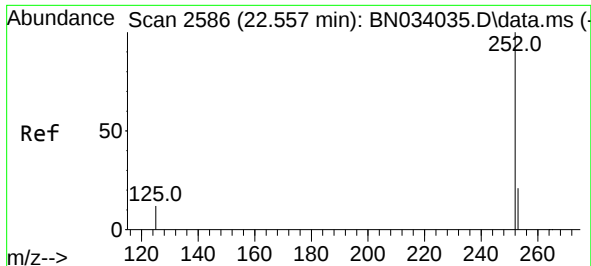
Tgt Ion:264 Resp: 8204
Ion Ratio Lower Upper
264 100
260 26.8 21.7 32.5
265 104.3 52.1 78.1#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng
RT: 25.189 min Scan# 3502
Delta R.T. -0.006 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

Tgt Ion:276 Resp: 1027
Ion Ratio Lower Upper
276 100
138 26.1 25.9 38.9
277 12.9 19.7 29.5#





#37

Benzo(b)fluoranthene

Concen: 0.036 ng

RT: 22.499 min Scan# 2582

Delta R.T. -0.009 min

Lab File: BN034489.D

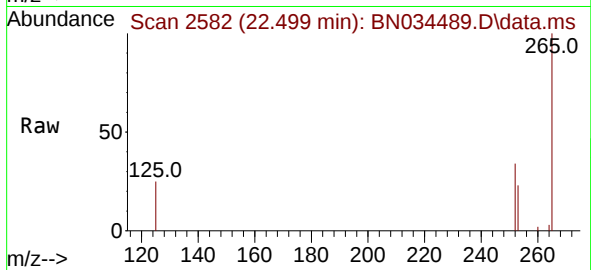
Acq: 09 Oct 2024 04:20

Instrument :

BNA_N

ClientSampleId :

TT205S1-20240925



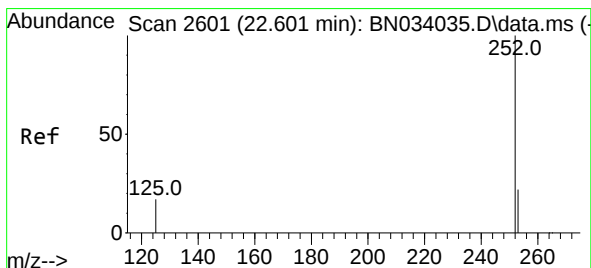
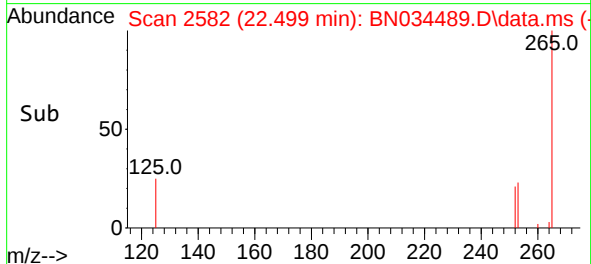
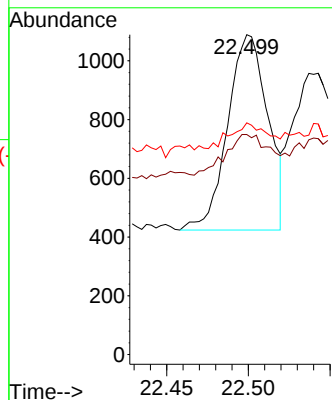
Tgt Ion:252 Resp: 1142

Ion Ratio Lower Upper

252 100

253 68.8 19.6 29.4#

125 72.5 13.8 20.8#



#38

Benzo(k)fluoranthene

Concen: 0.030 ng

RT: 22.543 min Scan# 2597

Delta R.T. -0.006 min

Lab File: BN034489.D

Acq: 09 Oct 2024 04:20

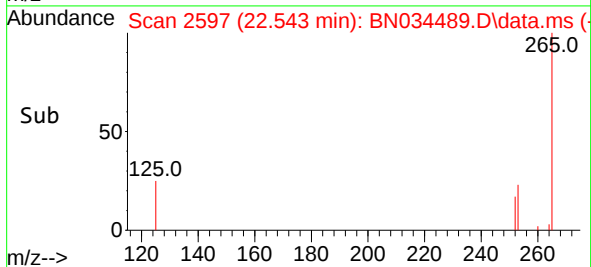
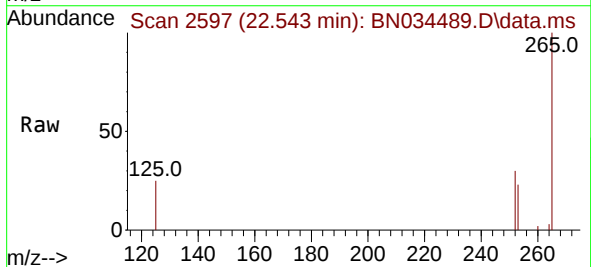
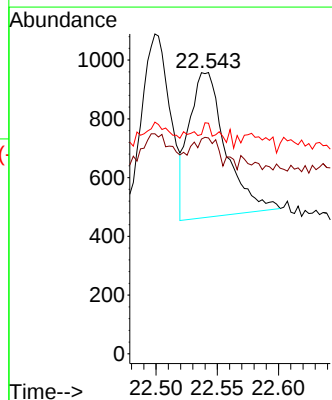
Tgt Ion:252 Resp: 1026

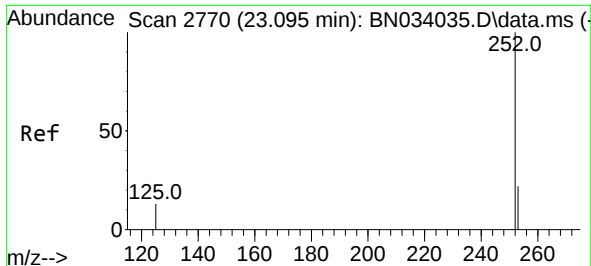
Ion Ratio Lower Upper

252 100

253 76.7 20.1 30.1#

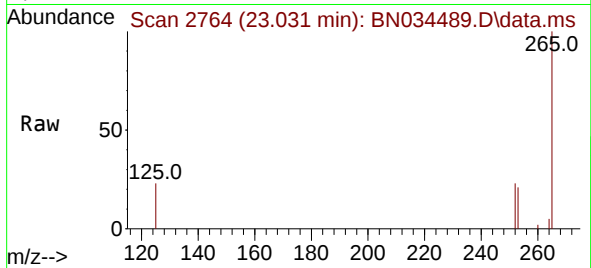
125 81.9 16.8 25.2#



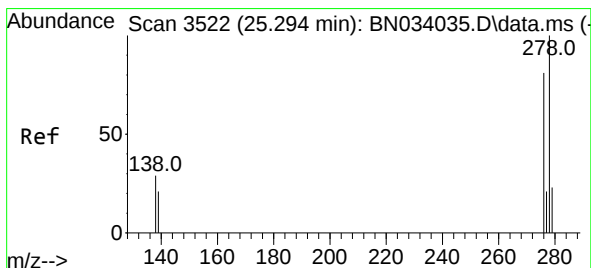
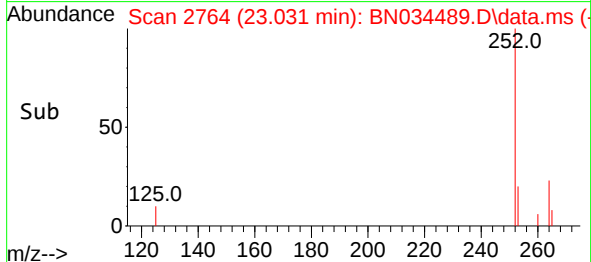
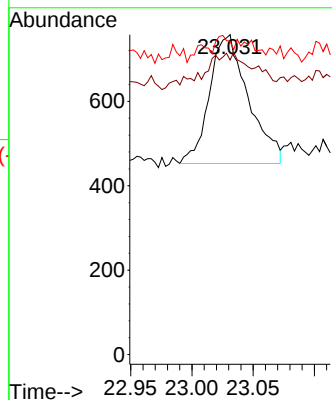


#39
Benzo(a)pyrene
Concen: 0.026 ng
RT: 23.031 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

Instrument :
BNA_N
ClientSampleId :
TT205S1-20240925

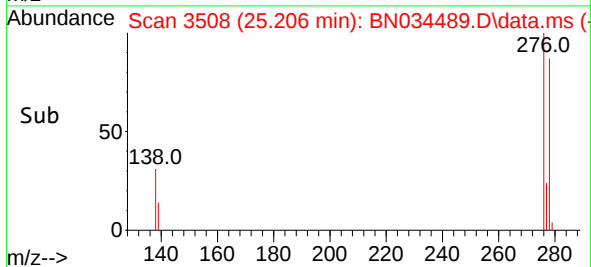
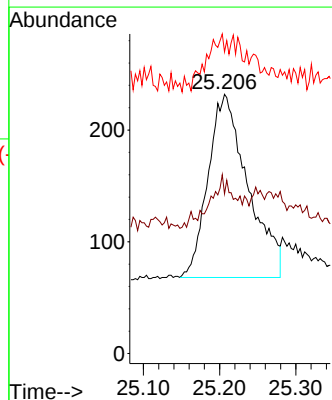
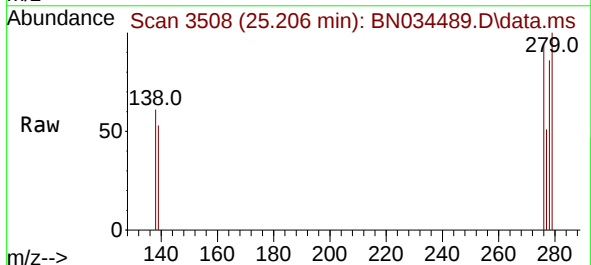


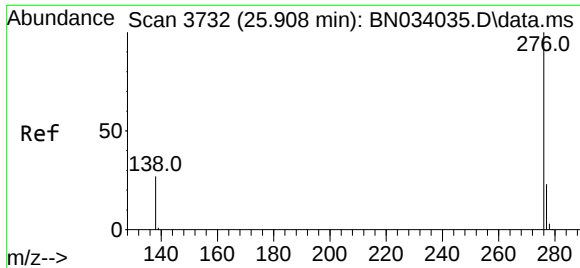
Tgt Ion:252 Resp: 674
Ion Ratio Lower Upper
252 100
253 92.1 21.8 32.8#
125 97.9 17.5 26.3#



#40
Dibenzo(a,h)anthracene
Concen: 0.022 ng
RT: 25.206 min Scan# 3508
Delta R.T. -0.006 min
Lab File: BN034489.D
Acq: 09 Oct 2024 04:20

Tgt Ion:278 Resp: 597
Ion Ratio Lower Upper
278 100
139 61.6 17.8 26.8#
279 116.4 21.0 31.6#





#41

Benzo(g,h,i)perylene

Concen: 0.030 ng

RT: 25.809 min Scan# 31

Delta R.T. -0.009 min

Lab File: BN034489.D

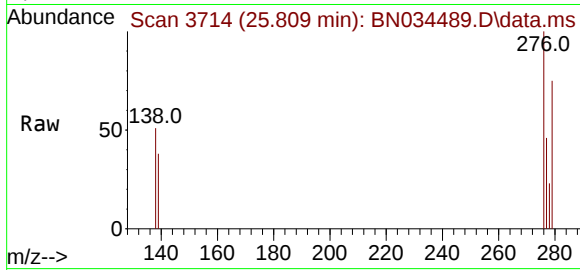
Acq: 09 Oct 2024 04:20

Instrument :

BNA_N

ClientSampleId :

TT205S1-20240925



Tgt Ion:276 Resp: 915

Ion Ratio Lower Upper

276 100

277 46.3 19.3 28.9#

138 51.2 22.6 34.0#

