

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034491.D
 Acq On : 09 Oct 2024 05:32
 Operator : RC/JU
 Sample : P4226-16
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW-01D1-20240925

Quant Time: Oct 09 06:57:32 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)

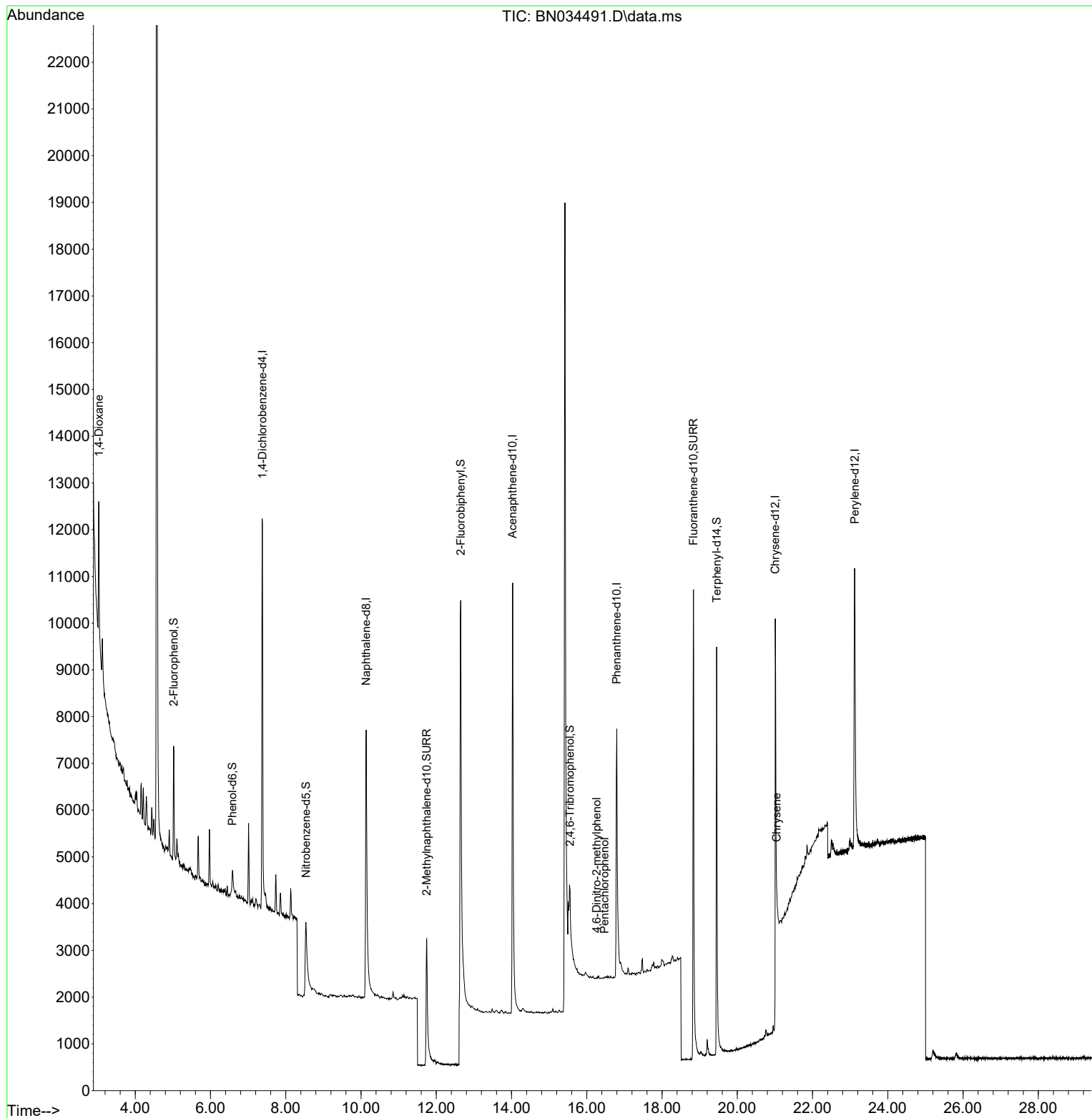
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	4544	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	12061	0.400	ng	-0.01
13) Acenaphthene-d10	14.030	164	6840	0.400	ng	-0.02
19) Phenanthrene-d10	16.796	188	12024	0.400	ng	0.00
29) Chrysene-d12	21.008	240	8021	0.400	ng	0.00
35) Perylene-d12	23.119	264	9925	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.026	112	2053	0.159	ng	0.00
5) Phenol-d6	6.586	99	905	0.060	ng	-0.01
8) Nitrobenzene-d5	8.536	82	2722	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	11.742	152	5994	0.337	ng	-0.01
14) 2,4,6-Tribromophenol	15.555	330	1095	0.353	ng	0.00
15) 2-Fluorobiphenyl	12.651	172	12988	0.467	ng	0.00
27) Fluoranthene-d10	18.834	212	13801	0.455	ng	-0.01
31) Terphenyl-d14	19.452	244	10513	0.656	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.032	88	2121	0.373	ng	# 56
20) 4,6-Dinitro-2-methylph...	16.262	198	8	0.141	ng	# 1
24) Pentachlorophenol	16.473	266	62	0.025	ng	# 73
33) Chrysene	21.044	228	633	0.021	ng	# 41

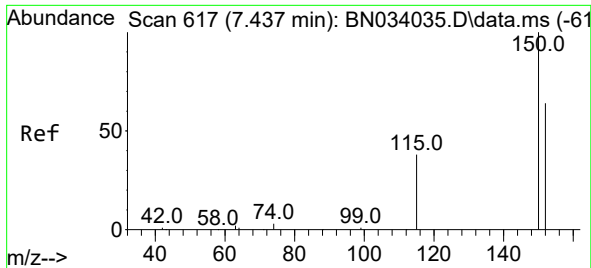
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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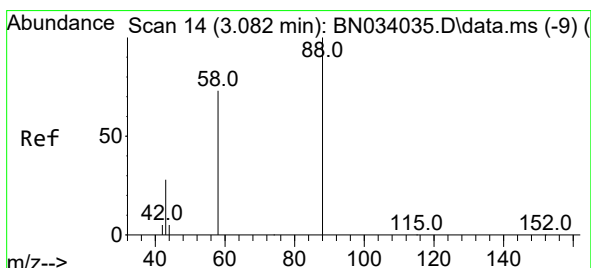
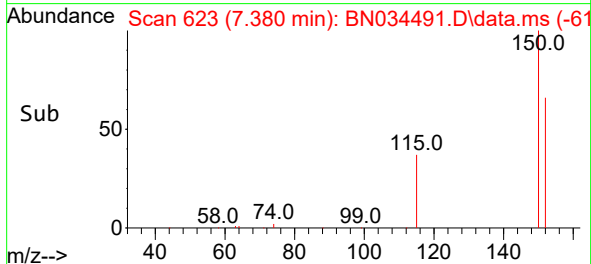
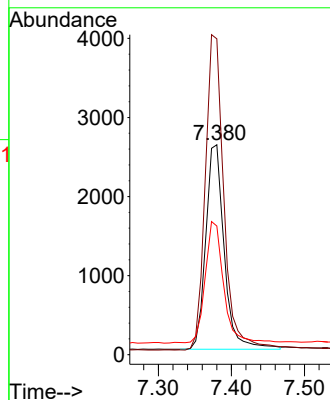
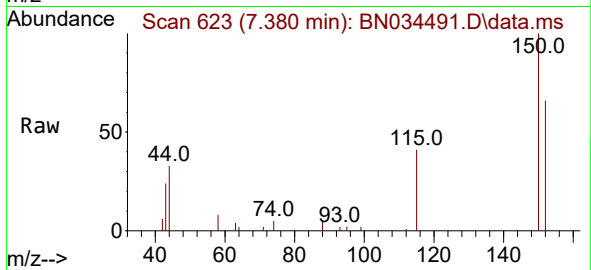




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034491.D
Acq: 09 Oct 2024 05:32

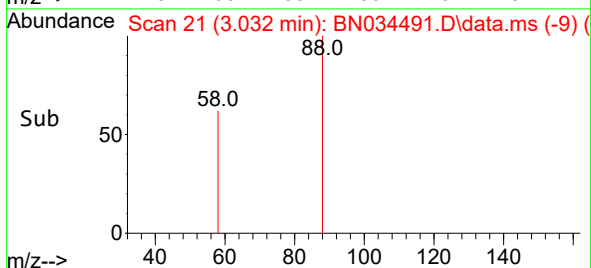
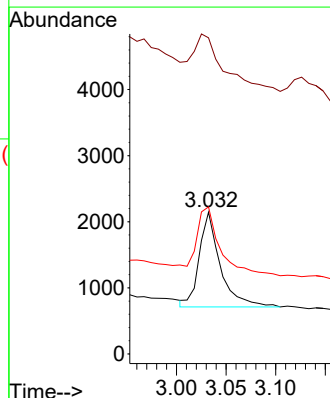
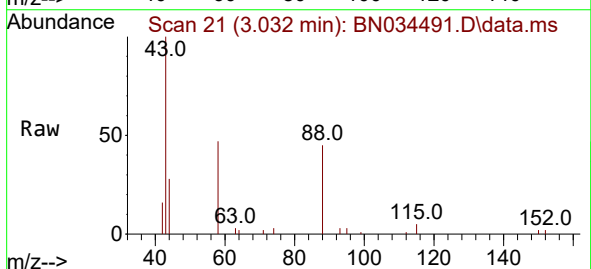
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01D1-20240925

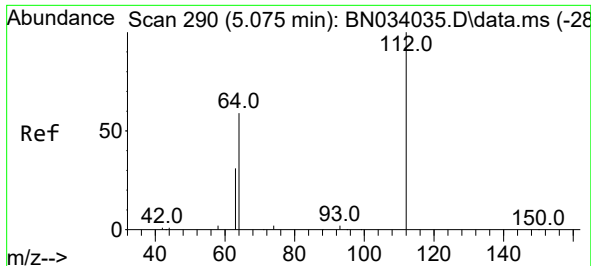
Tgt Ion:152 Resp: 4544
Ion Ratio Lower Upper
152 100
150 150.4 124.6 187.0
115 61.3 50.0 75.0



#2
1,4-Dioxane
Concen: 0.373 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034491.D
Acq: 09 Oct 2024 05:32

Tgt Ion: 88 Resp: 2121
Ion Ratio Lower Upper
88 100
43 94.0 25.8 38.8#
58 86.0 58.8 88.2

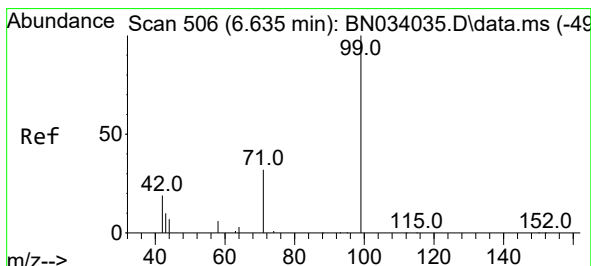
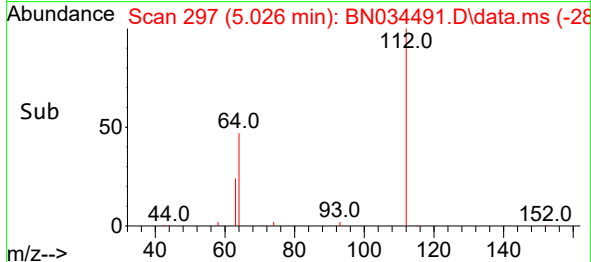
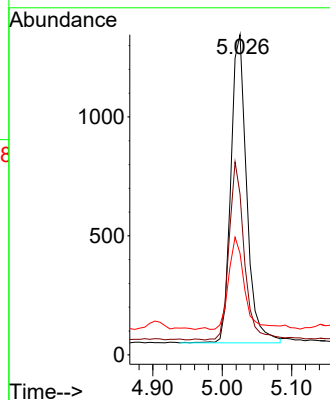
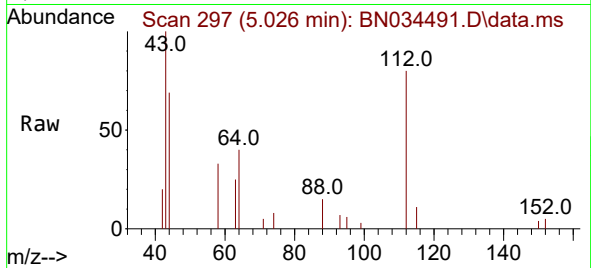




#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.026 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN034491.D
Acq: 09 Oct 2024 05:32

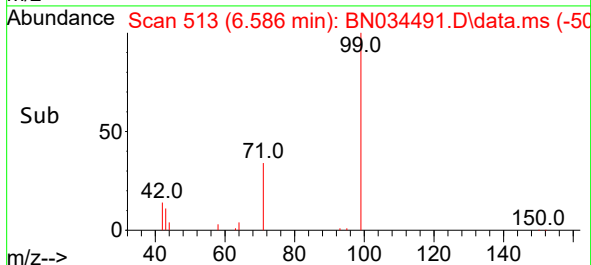
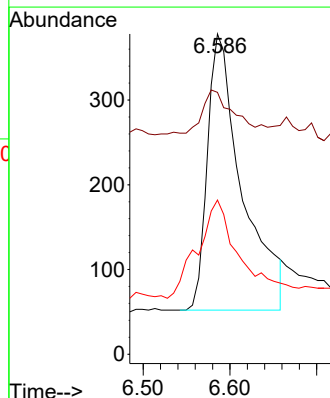
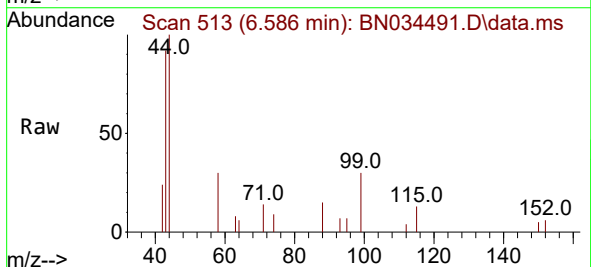
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01D1-20240925

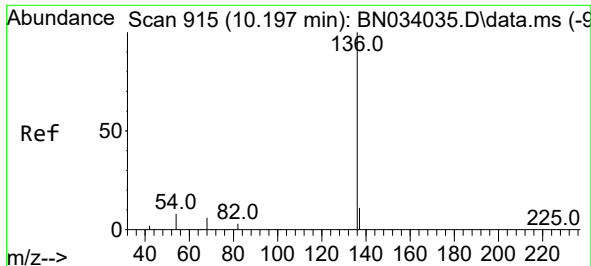
Tgt Ion:112 Resp: 2053
Ion Ratio Lower Upper
112 100
64 55.7 48.6 72.8
63 29.8 25.6 38.4



#5
Phenol-d6
Concen: 0.060 ng
RT: 6.586 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034491.D
Acq: 09 Oct 2024 05:32

Tgt Ion: 99 Resp: 905
Ion Ratio Lower Upper
99 100
42 15.5 17.8 26.8#
71 42.4 26.2 39.2#

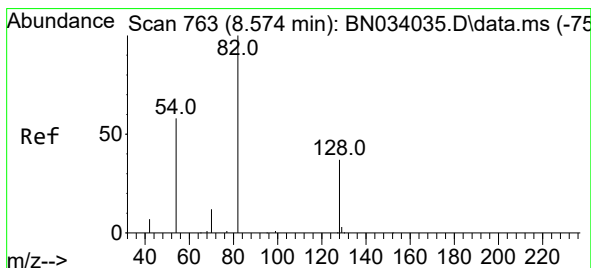
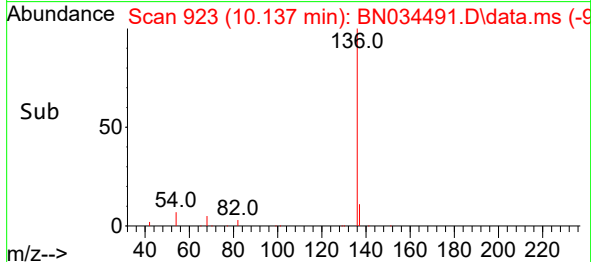
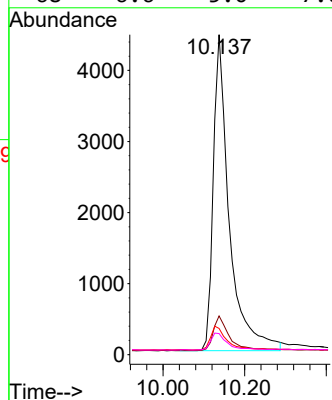
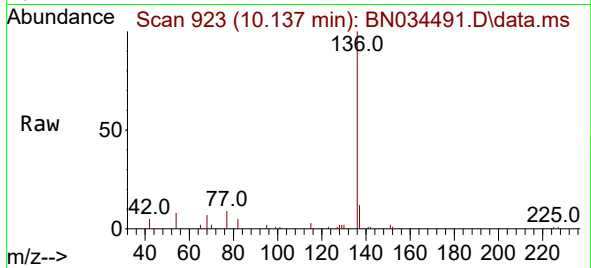




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. -0.010 min
Lab File: BN034491.D
Acq: 09 Oct 2024 05:32

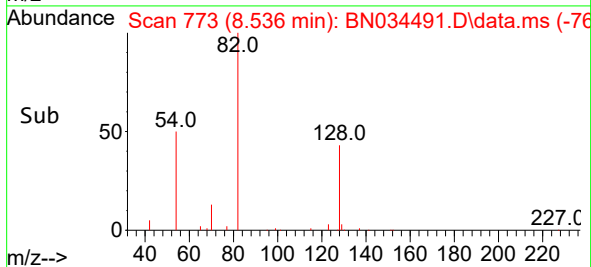
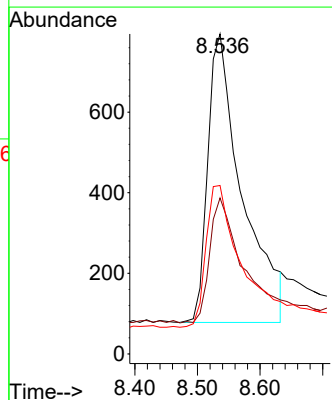
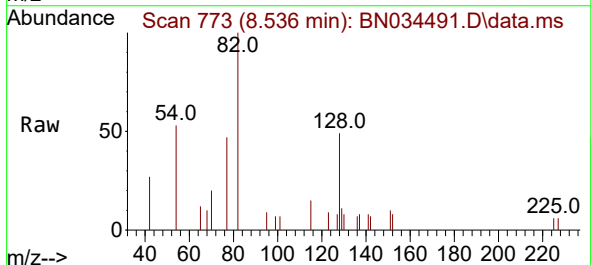
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01D1-20240925

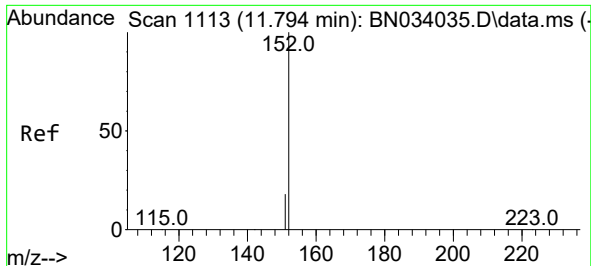
Tgt Ion:	136	Resp:	12061
Ion Ratio	Lower	Upper	
136	100		
137	12.1	9.0	13.6
54	8.2	6.8	10.2
68	6.6	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.536 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN034491.D
Acq: 09 Oct 2024 05:32

Tgt Ion:	82	Resp:	2722
Ion Ratio	Lower	Upper	
82	100		
128	48.7	31.4	47.2#
54	52.6	47.4	71.0

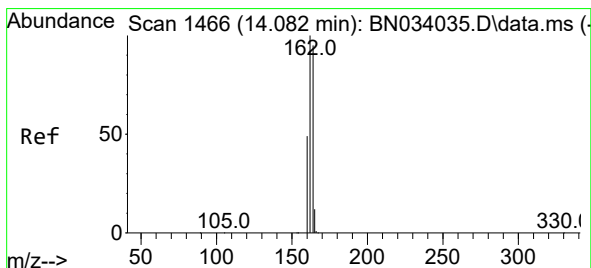
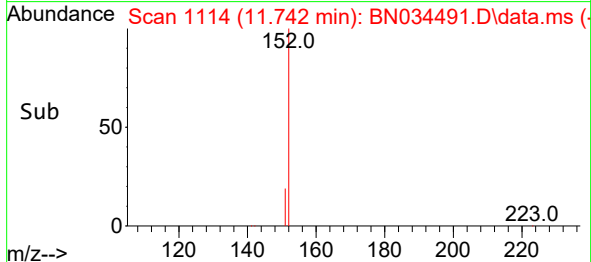
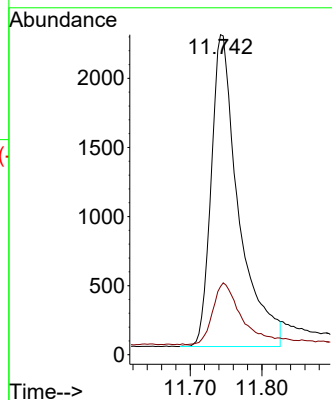
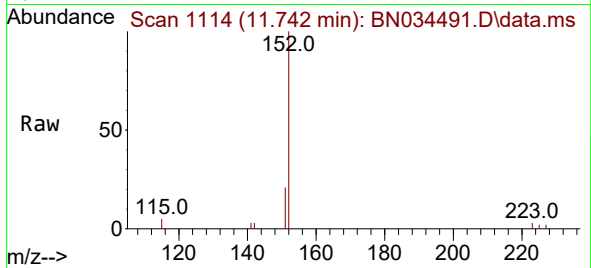




#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 11.742 min Scan# 1114
Delta R.T. -0.011 min
Lab File: BN034491.D
Acq: 09 Oct 2024 05:32

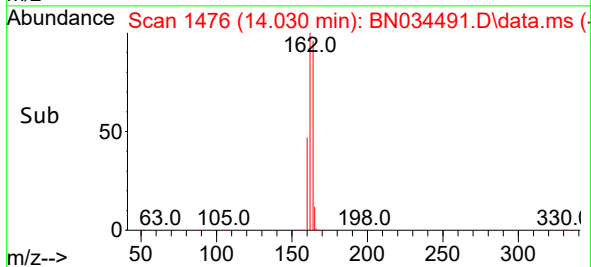
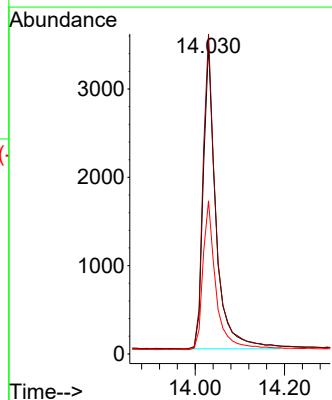
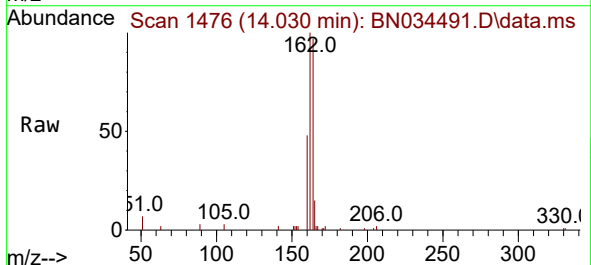
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01D1-20240925

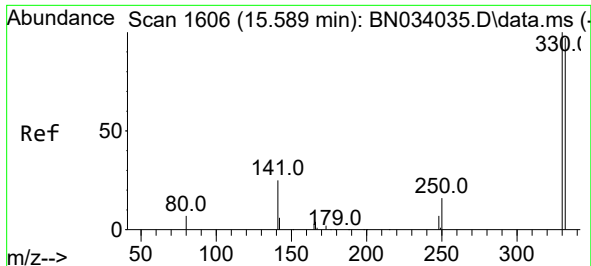
Tgt Ion:152 Resp: 5994
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.030 min Scan# 1476
Delta R.T. -0.017 min
Lab File: BN034491.D
Acq: 09 Oct 2024 05:32

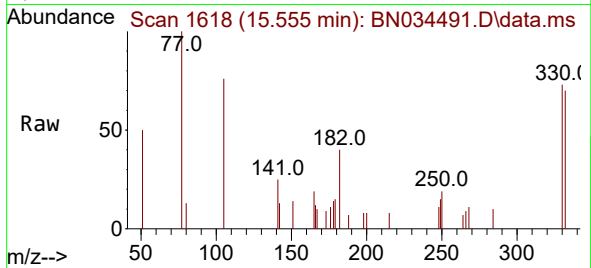
Tgt Ion:164 Resp: 6840
Ion Ratio Lower Upper
164 100
162 103.3 84.2 126.2
160 49.4 41.7 62.5



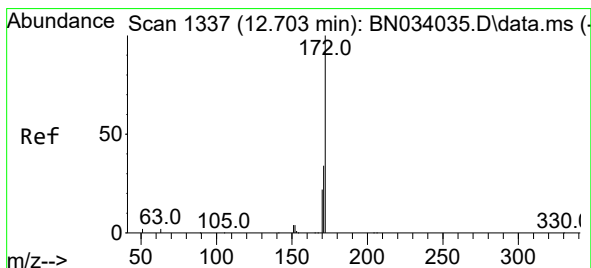
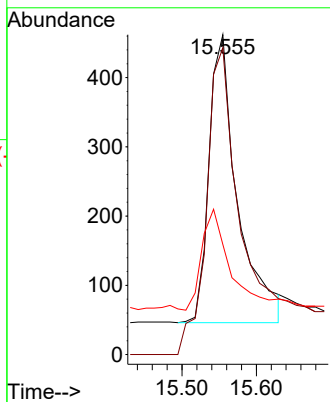
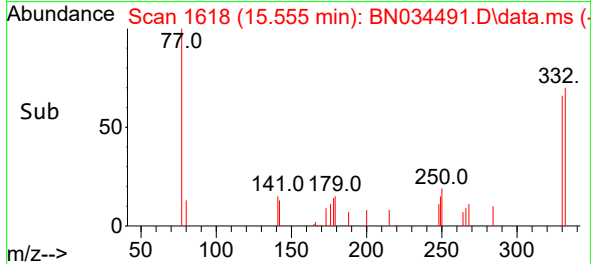


#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 15.555 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN034491.D
Acq: 09 Oct 2024 05:32

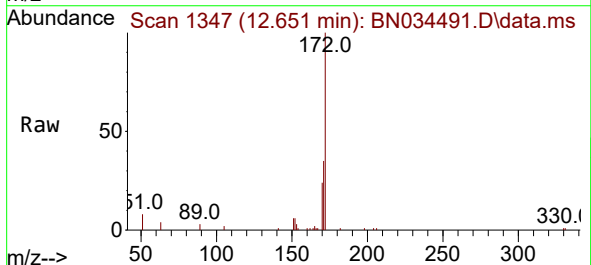
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01D1-20240925



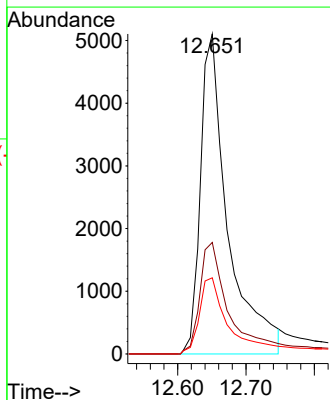
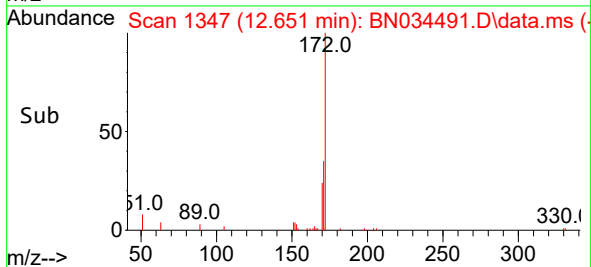
Tgt Ion:330 Resp: 1095
Ion Ratio Lower Upper
330 100
332 129.3 77.4 116.0#
141 33.4 35.9 53.9#

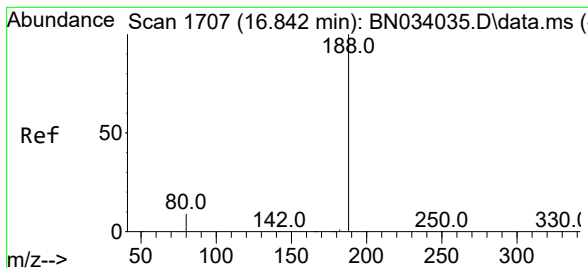


#15
2-Fluorobiphenyl
Concen: 0.467 ng
RT: 12.651 min Scan# 1347
Delta R.T. -0.007 min
Lab File: BN034491.D
Acq: 09 Oct 2024 05:32



Tgt Ion:172 Resp: 12988
Ion Ratio Lower Upper
172 100
171 34.9 27.3 40.9
170 23.8 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: BN034491.D

Acq: 09 Oct 2024 05:32

Instrument :

BNA_N

ClientSampleId :

RW9-MW-01D1-20240925

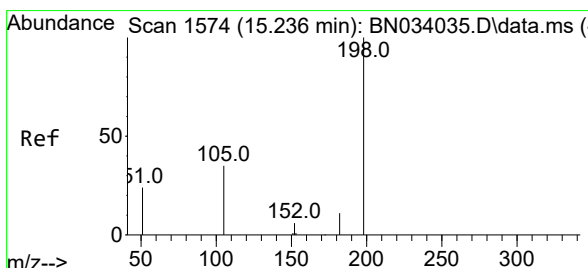
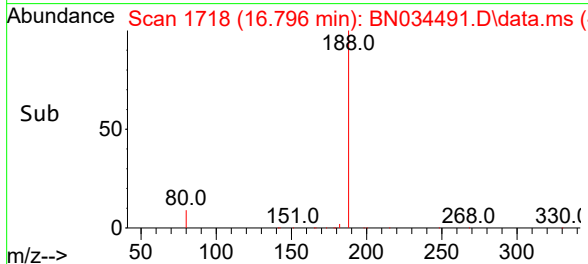
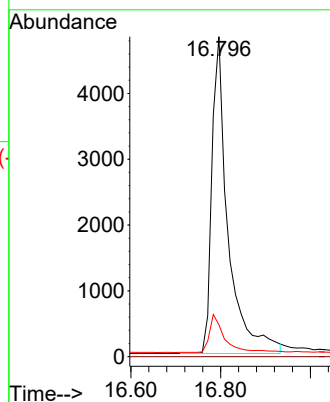
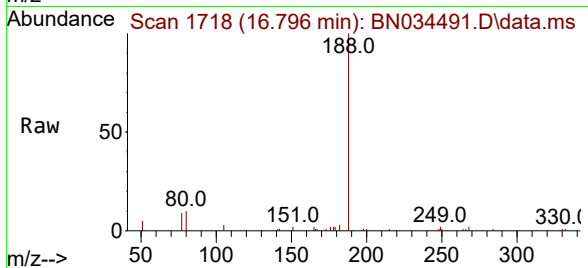
Tgt Ion:188 Resp: 12024

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.141 ng

RT: 16.262 min Scan# 1675

Delta R.T. -0.044 min

Lab File: BN034491.D

Acq: 09 Oct 2024 05:32

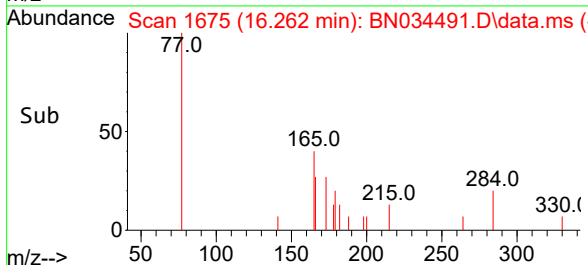
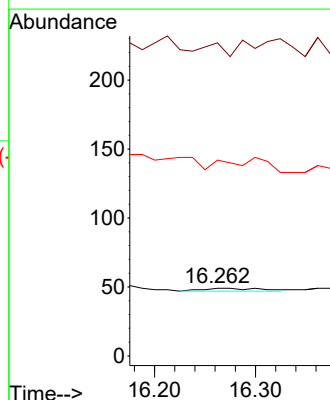
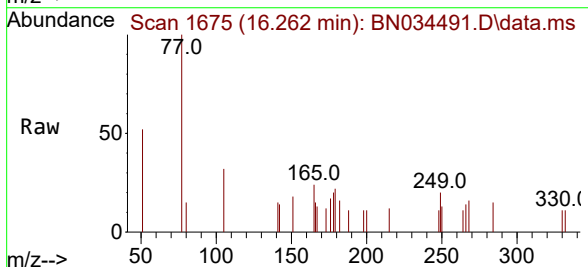
Tgt Ion:198 Resp: 8

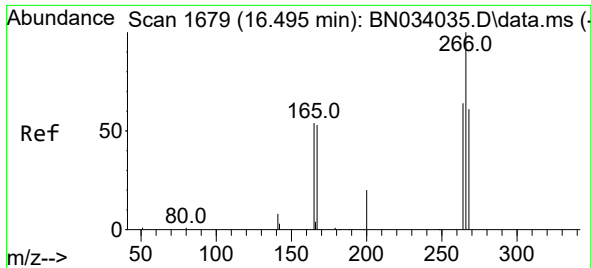
Ion Ratio Lower Upper

198 100

51 463.3 106.4 159.6#

105 289.8 38.5 57.7#

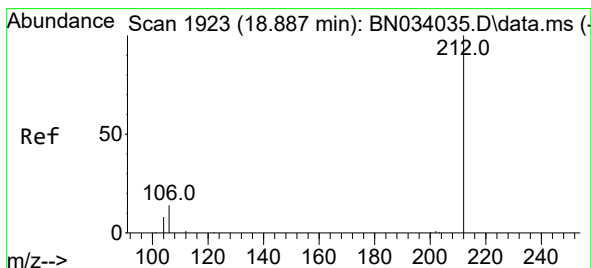
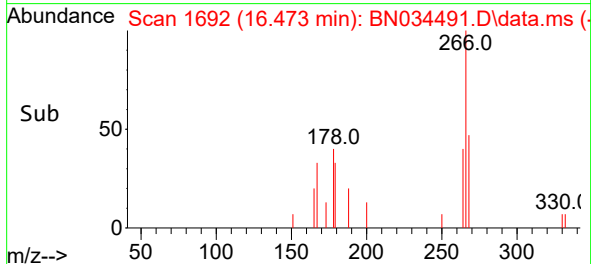
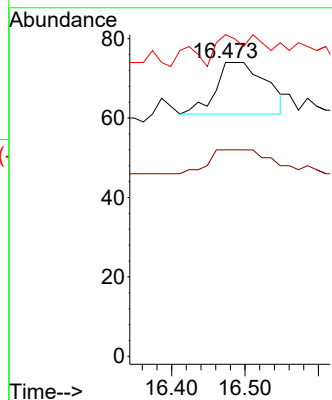
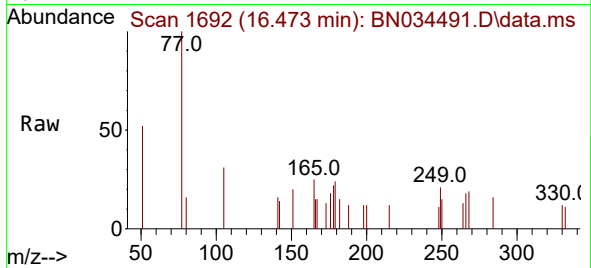




#24
Pentachlorophenol
Concen: 0.025 ng
RT: 16.473 min Scan# 1692
Delta R.T. 0.006 min
Lab File: BN034491.D
Acq: 09 Oct 2024 05:32

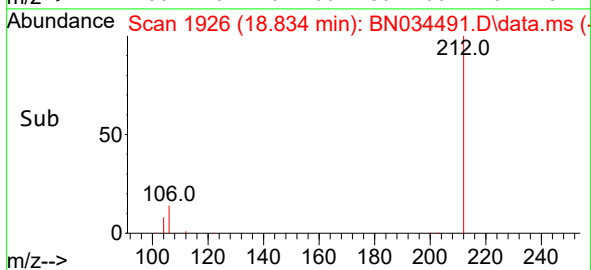
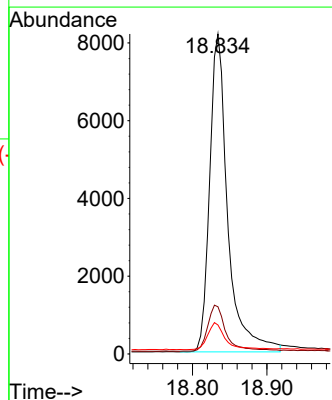
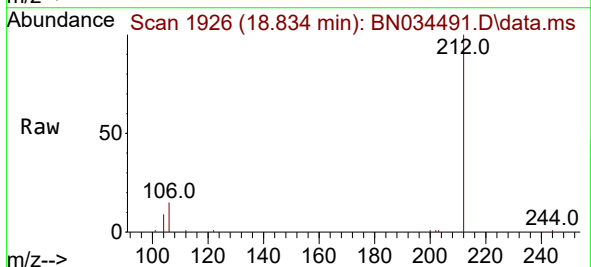
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01D1-20240925

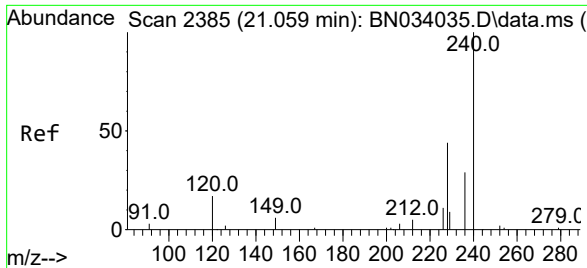
Tgt Ion:266 Resp: 62
Ion Ratio Lower Upper
266 100
264 53.2 50.2 75.2
268 30.6 51.0 76.4#



#27
Fluoranthene-d10
Concen: 0.455 ng
RT: 18.834 min Scan# 1926
Delta R.T. -0.011 min
Lab File: BN034491.D
Acq: 09 Oct 2024 05:32

Tgt Ion:212 Resp: 13801
Ion Ratio Lower Upper
212 100
106 14.7 13.4 20.2
104 8.3 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.008 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034491.D

Acq: 09 Oct 2024 05:32

Instrument :

BNA_N

ClientSampleId :

RW9-MW-01D1-20240925

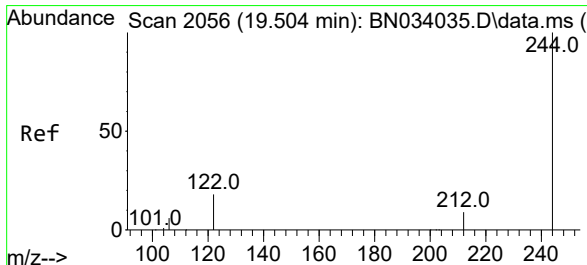
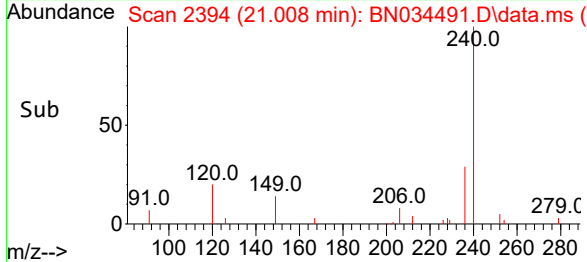
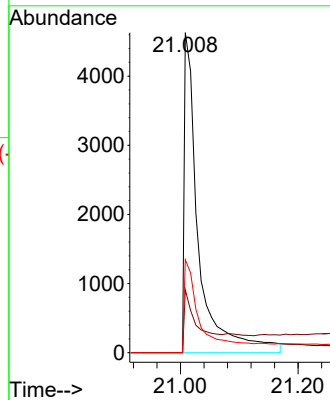
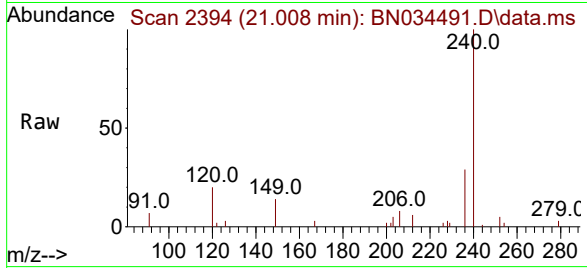
Tgt Ion:240 Resp: 8021

Ion Ratio Lower Upper

240 100

120 19.6 13.5 20.3

236 29.0 23.4 35.0



#31

Terphenyl-d14

Concen: 0.656 ng

RT: 19.452 min Scan# 2059

Delta R.T. -0.016 min

Lab File: BN034491.D

Acq: 09 Oct 2024 05:32

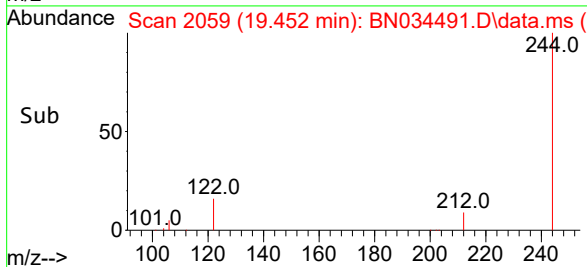
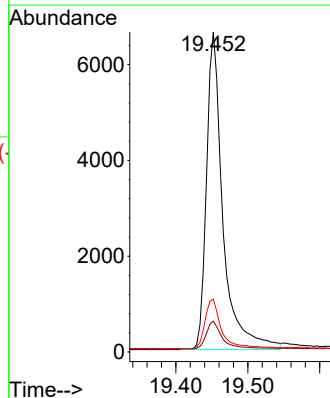
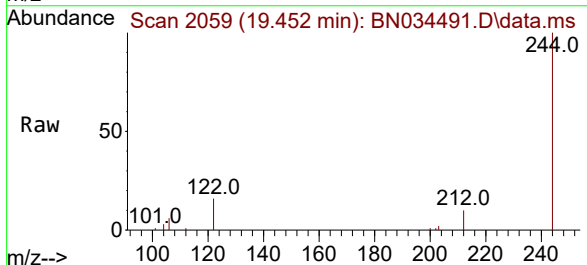
Tgt Ion:244 Resp: 10513

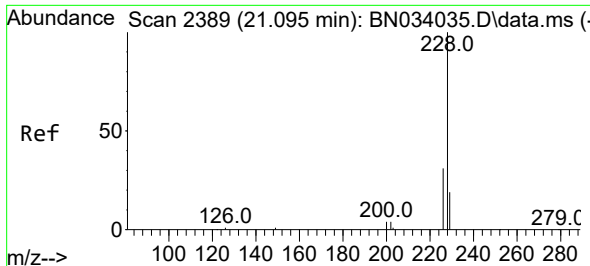
Ion Ratio Lower Upper

244 100

212 9.7 7.8 11.6

122 16.4 14.8 22.2





#33

Chrysene

Concen: 0.021 ng

RT: 21.044 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034491.D

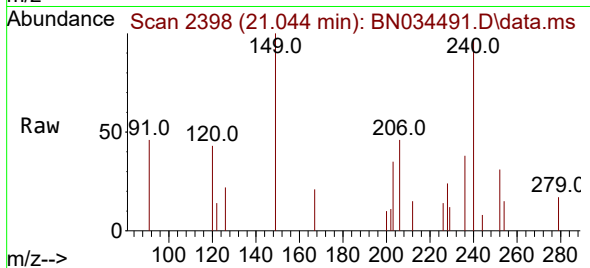
Acq: 09 Oct 2024 05:32

Instrument :

BNA_N

ClientSampleId :

RW9-MW-01D1-20240925



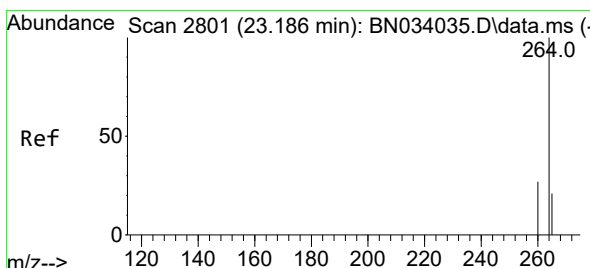
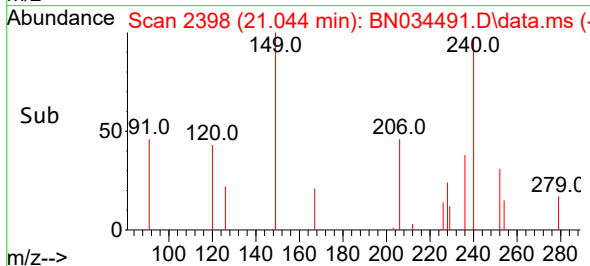
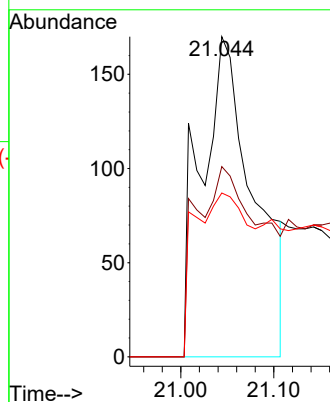
Tgt Ion:228 Resp: 633

Ion Ratio Lower Upper

228 100

226 59.4 24.6 37.0#

229 51.2 15.5 23.3#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.119 min Scan# 2794

Delta R.T. -0.009 min

Lab File: BN034491.D

Acq: 09 Oct 2024 05:32

Tgt Ion:264 Resp: 9925

Ion Ratio Lower Upper

264 100

260 26.2 21.7 32.5

265 98.8 52.1 78.1#

