

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
 Data File : BN035233.D
 Acq On : 21 Nov 2024 21:49
 Operator : RC/JU
 Sample : P4934-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-8-20241119

Quant Time: Nov 21 23:06:19 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)

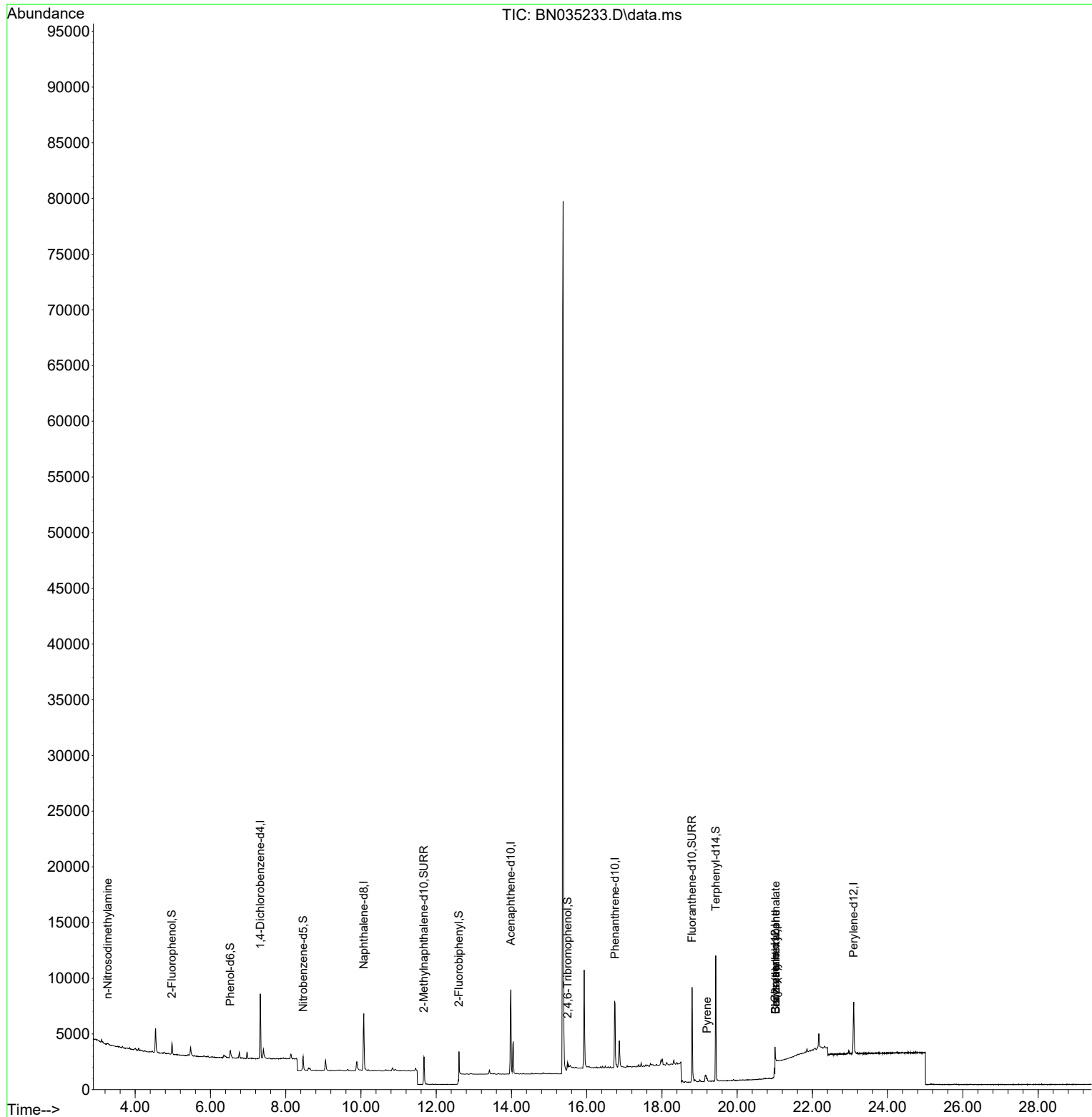
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.322	152	2753	0.400	ng	0.00
7) Naphthalene-d8	10.073	136	6705	0.400	ng	# 0.00
13) Acenaphthene-d10	13.983	164	4351	0.400	ng	0.00
19) Phenanthrene-d10	16.753	188	9377	0.400	ng	# 0.00
29) Chrysene-d12	21.006	240	1394	0.400	ng	# 0.00
35) Perylene-d12	23.096	264	5766	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.975	112	841	0.120	ng	0.00
5) Phenol-d6	6.528	99	609	0.069	ng	0.00
8) Nitrobenzene-d5	8.461	82	1366	0.234	ng	0.00
11) 2-Methylnaphthalene-d10	11.674	152	3417	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.491	330	728	0.232	ng	0.00
15) 2-Fluorobiphenyl	12.604	172	1463	0.083	ng	0.00
27) Fluoranthene-d10	18.799	212	9717	0.338	ng	0.00
31) Terphenyl-d14	19.431	244	10756	3.677	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.271	42	67	0.029	ng	# 1
30) Pyrene	19.199	202	259	0.056	ng	# 94
32) Benzo(a)anthracene	21.024	228	401	0.083	ng	# 25
33) Chrysene	21.024	228	401	0.083	ng	# 31
34) Bis(2-ethylhexyl)phtha...	21.024	149	679	0.267	ng	# 59

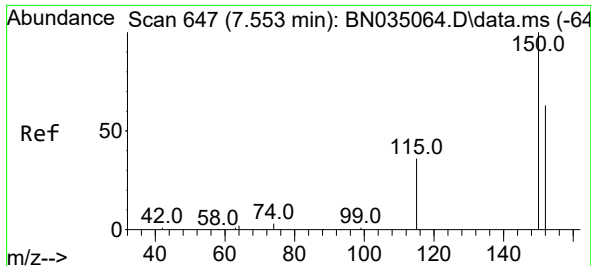
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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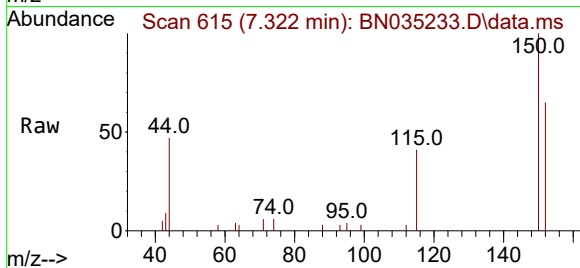
Quant Time: Nov 21 23:06:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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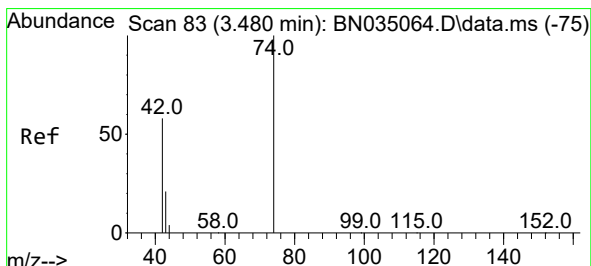
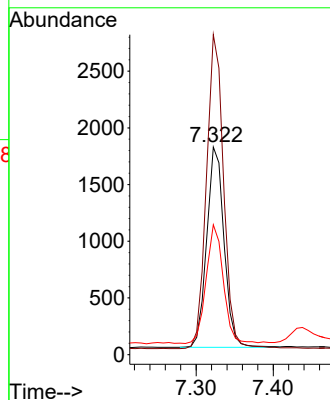
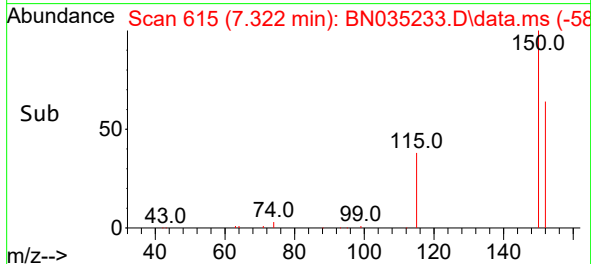


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.322 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN035233.D
Acq: 21 Nov 2024 21:49

Instrument :
BNA_N
ClientSampleId :
BPOW6-8-20241119

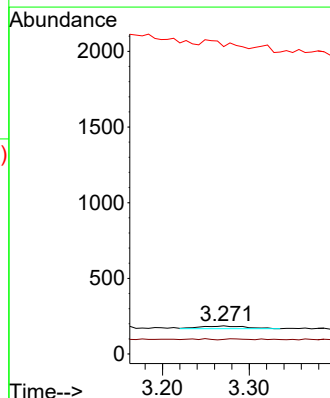
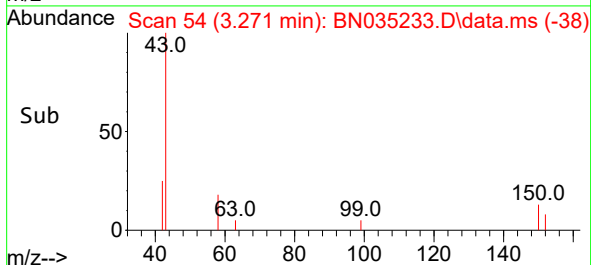
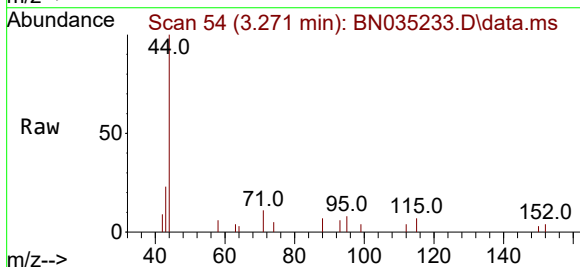


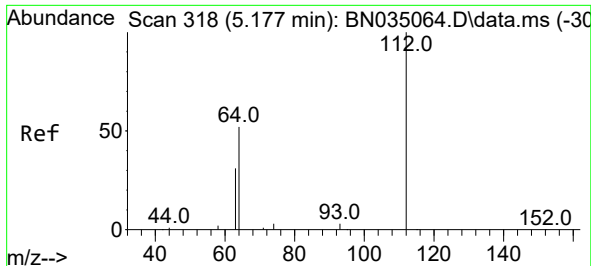
Tgt Ion:152 Resp: 2753
Ion Ratio Lower Upper
152 100
150 154.1 124.5 186.7
115 62.5 47.8 71.6



#3
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.271 min Scan# 54
Delta R.T. -0.036 min
Lab File: BN035233.D
Acq: 21 Nov 2024 21:49

Tgt Ion: 42 Resp: 67
Ion Ratio Lower Upper
42 100
74 14.9 120.8 181.2#
44 0.0 2.9 4.3#

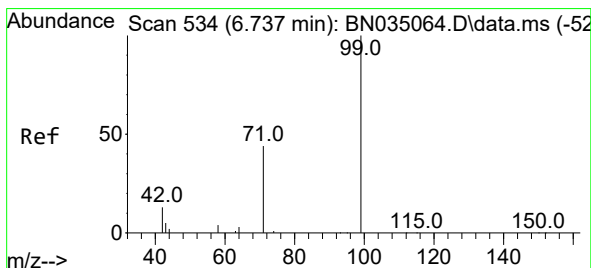
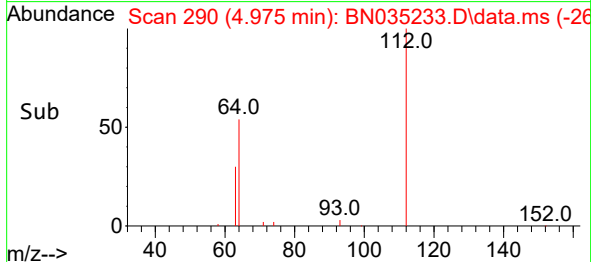
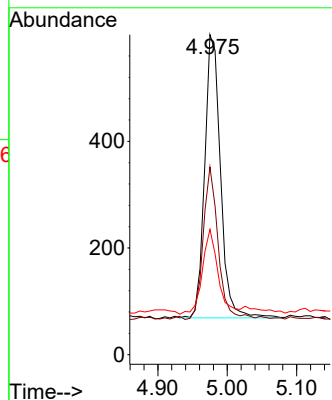
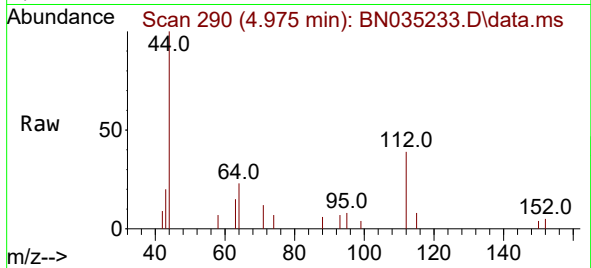




#4
2-Fluorophenol
Concen: 0.120 ng
RT: 4.975 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN035233.D
Acq: 21 Nov 2024 21:49

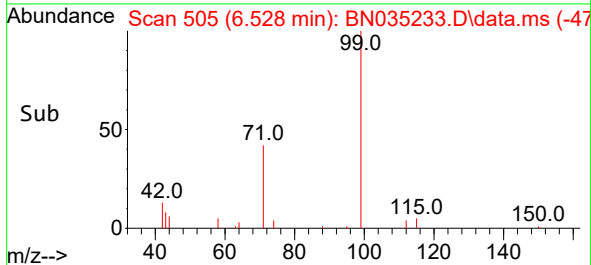
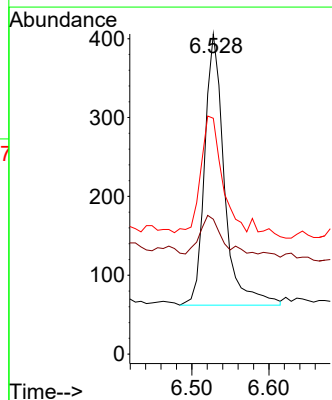
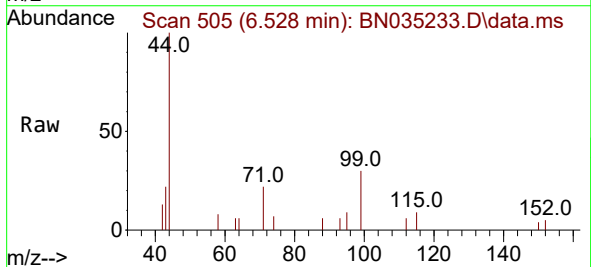
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-20241119

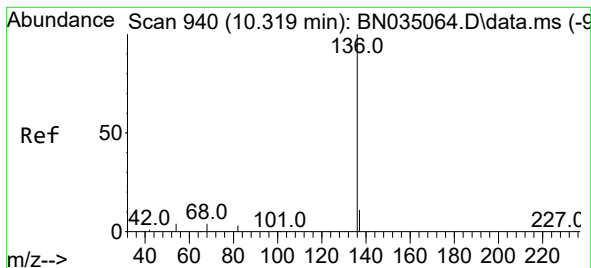
Tgt Ion:112 Resp: 841
Ion Ratio Lower Upper
112 100
64 51.7 39.7 59.5
63 29.6 23.0 34.4



#5
Phenol-d6
Concen: 0.069 ng
RT: 6.528 min Scan# 505
Delta R.T. 0.000 min
Lab File: BN035233.D
Acq: 21 Nov 2024 21:49

Tgt Ion: 99 Resp: 609
Ion Ratio Lower Upper
99 100
42 15.3 11.4 17.0
71 45.8 34.6 51.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.073 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN035233.D

Acq: 21 Nov 2024 21:49

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-20241119

Tgt Ion:136 Resp: 6705

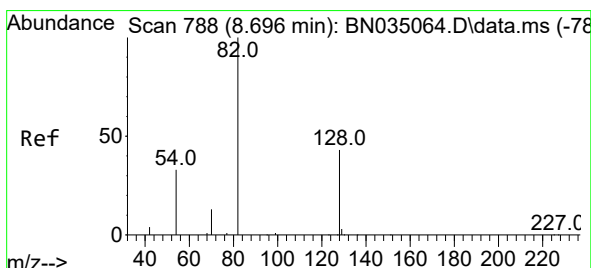
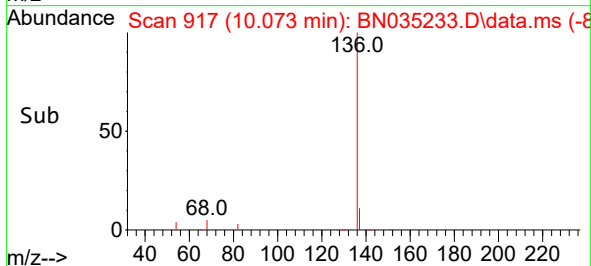
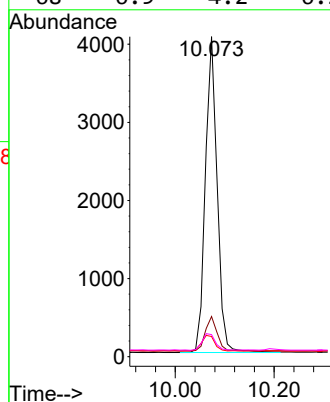
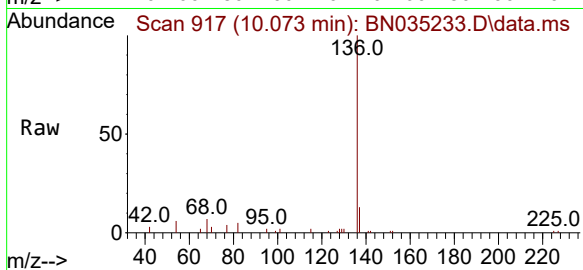
Ion Ratio Lower Upper

136 100

137 12.5 9.8 14.8

54 6.3 4.0 6.0#

68 6.9 4.2 6.2#



#8

Nitrobenzene-d5

Concen: 0.234 ng

RT: 8.461 min Scan# 766

Delta R.T. 0.000 min

Lab File: BN035233.D

Acq: 21 Nov 2024 21:49

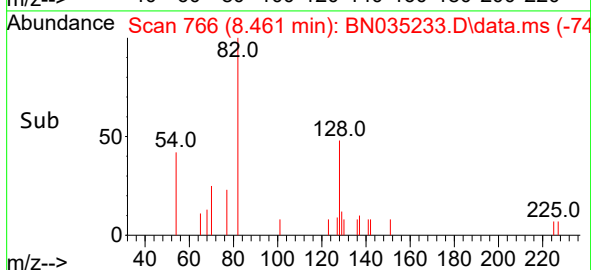
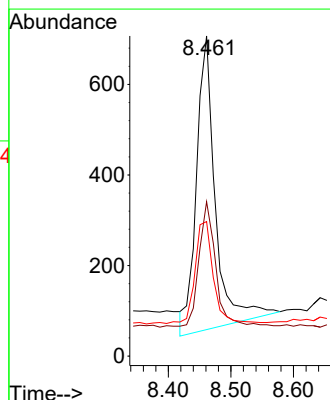
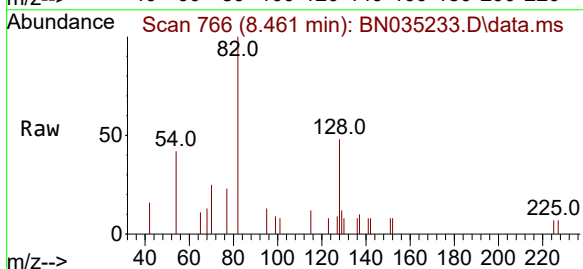
Tgt Ion: 82 Resp: 1366

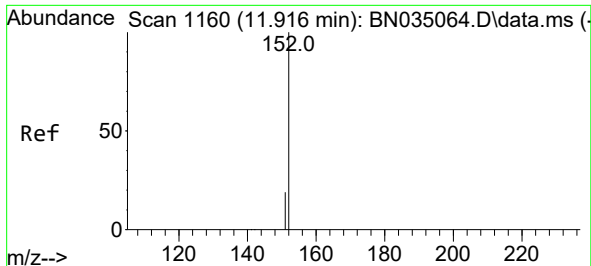
Ion Ratio Lower Upper

82 100

128 48.2 36.5 54.7

54 42.0 28.7 43.1

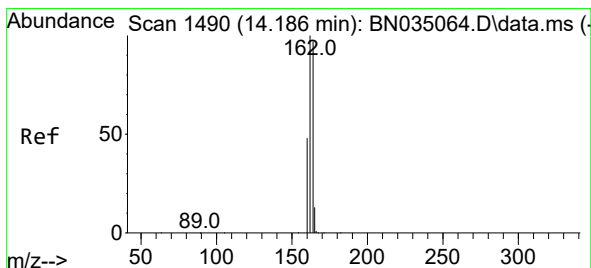
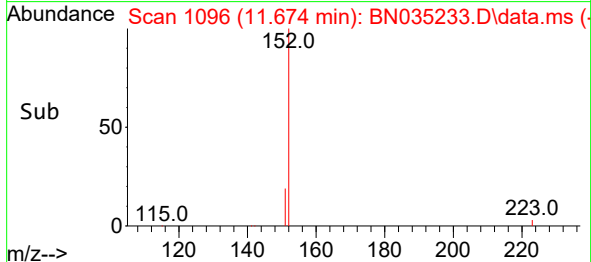
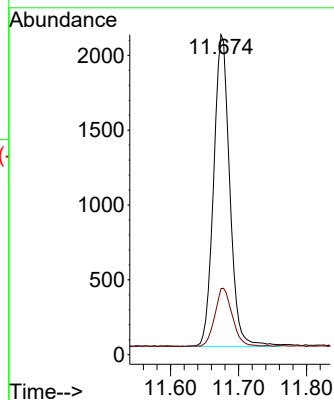
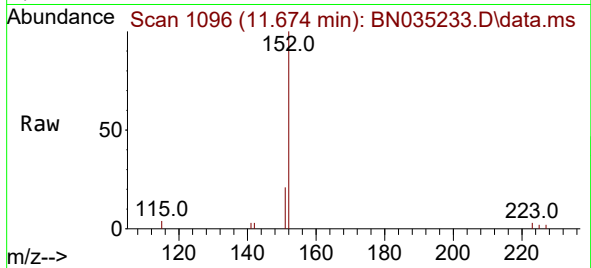




#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 11.674 min Scan# 1096
Delta R.T. -0.004 min
Lab File: BN035233.D
Acq: 21 Nov 2024 21:49

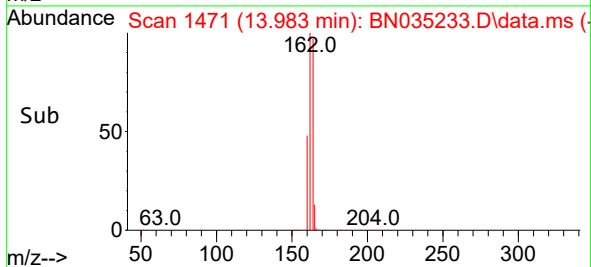
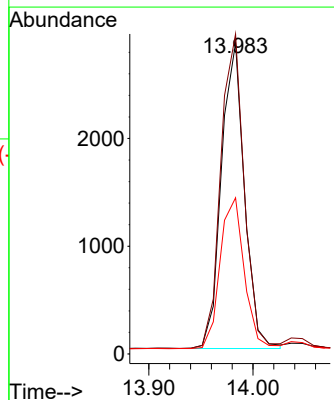
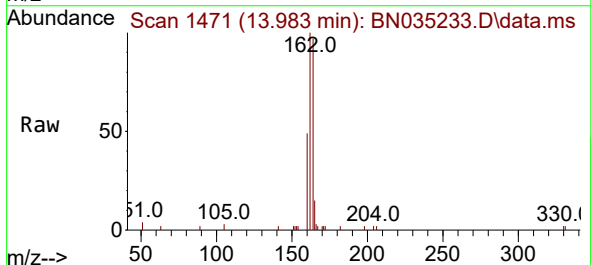
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-20241119

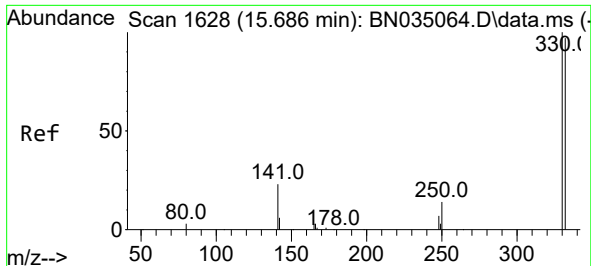
Tgt Ion:152 Resp: 3417
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.983 min Scan# 1471
Delta R.T. -0.004 min
Lab File: BN035233.D
Acq: 21 Nov 2024 21:49

Tgt Ion:164 Resp: 4351
Ion Ratio Lower Upper
164 100
162 102.9 82.2 123.2
160 50.2 40.2 60.4

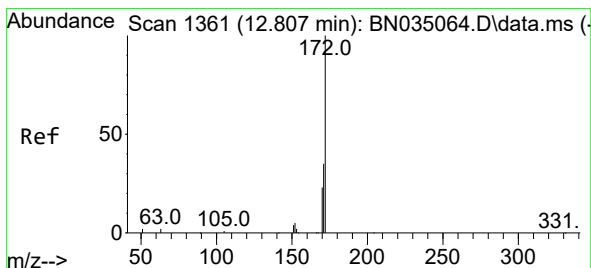
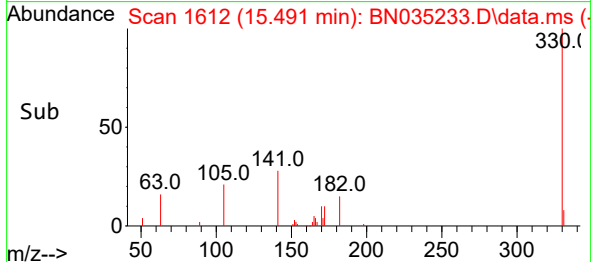
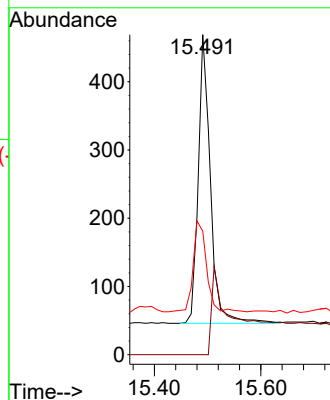
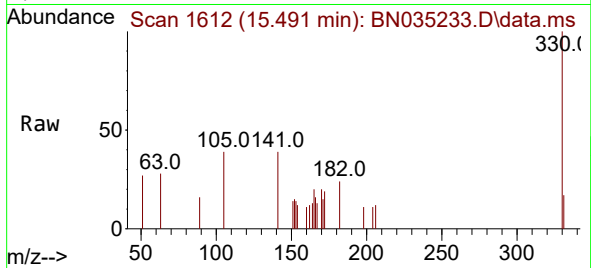




#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 15.491 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN035233.D
Acq: 21 Nov 2024 21:49

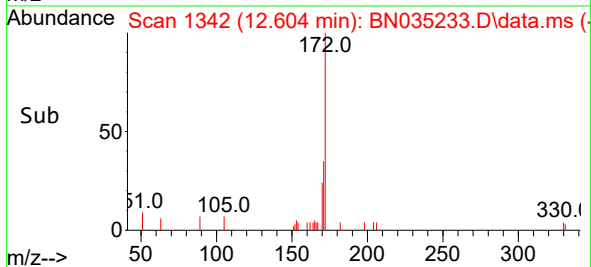
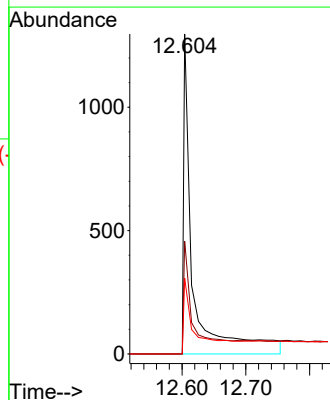
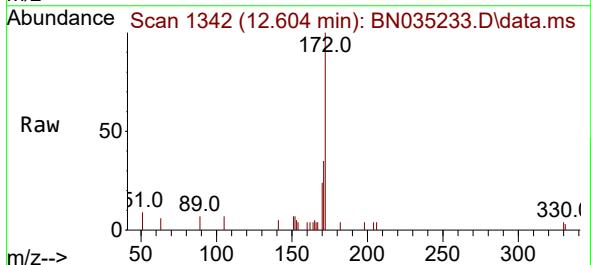
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BNA_N
ClientSampleId :
BPOW6-8-20241119

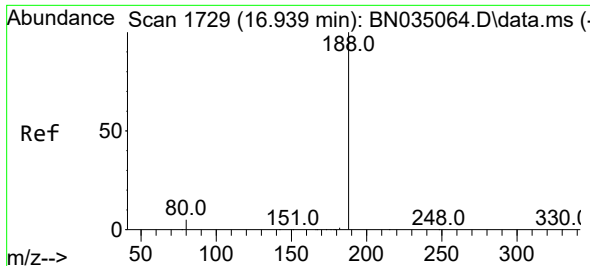
Tgt Ion:330 Resp: 728
Ion Ratio Lower Upper
330 100
332 0.0 76.9 115.3#
141 34.3 29.6 44.4



#15
2-Fluorobiphenyl
Concen: 0.083 ng
RT: 12.604 min Scan# 1342
Delta R.T. -0.004 min
Lab File: BN035233.D
Acq: 21 Nov 2024 21:49

Tgt Ion:172 Resp: 1463
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.7 19.0 28.6

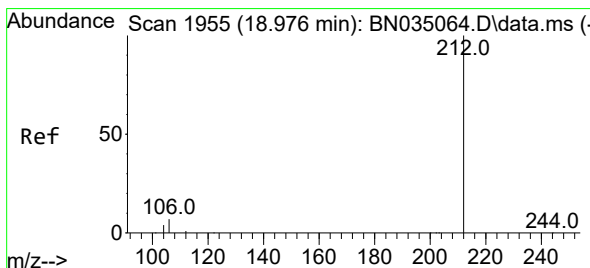
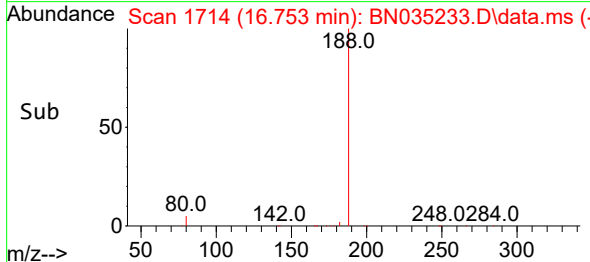
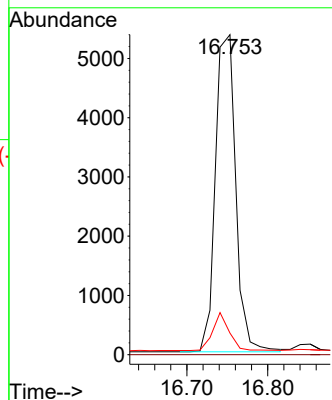
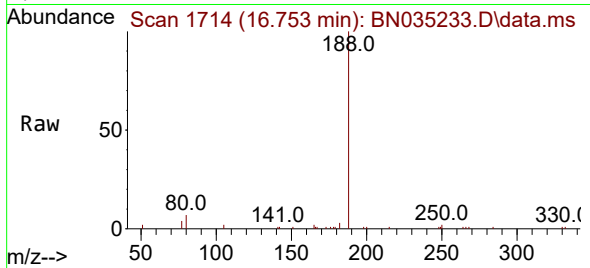




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.753 min Scan# 11
Delta R.T. 0.007 min
Lab File: BN035233.D
Acq: 21 Nov 2024 21:49

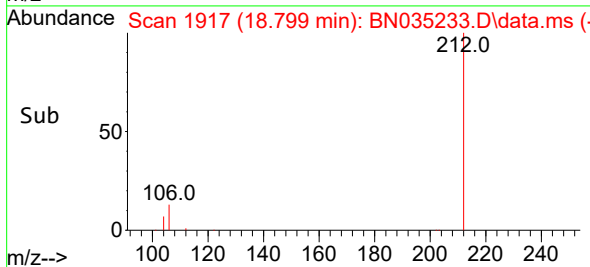
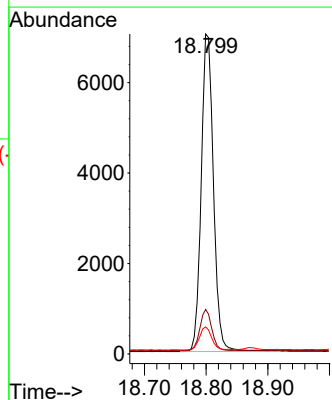
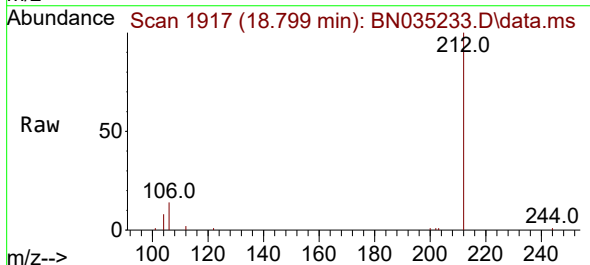
Instrument :
BNA_N
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BPOW6-8-20241119

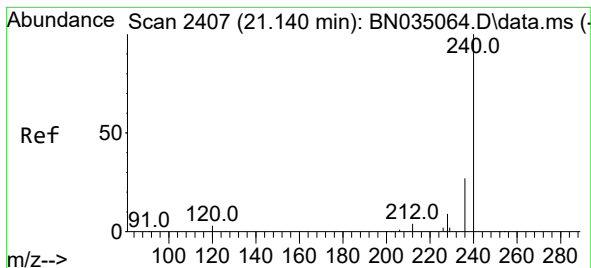
Tgt Ion:188 Resp: 9377
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 4.3 6.5#



#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 18.799 min Scan# 1917
Delta R.T. -0.007 min
Lab File: BN035233.D
Acq: 21 Nov 2024 21:49

Tgt Ion:212 Resp: 9717
Ion Ratio Lower Upper
212 100
106 12.6 6.0 9.0#
104 7.3 3.5 5.3#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.006 min Scan# 21

Delta R.T. -0.002 min

Lab File: BN035233.D

Acq: 21 Nov 2024 21:49

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-20241119

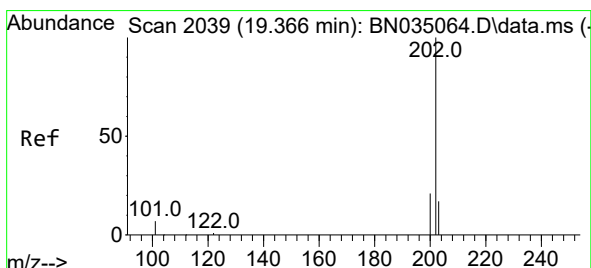
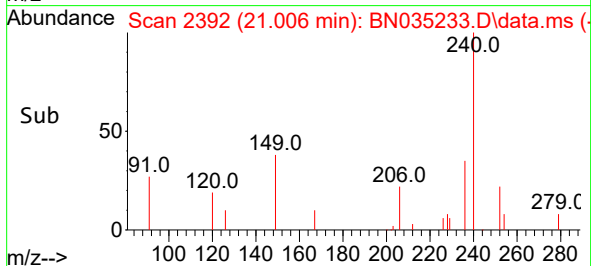
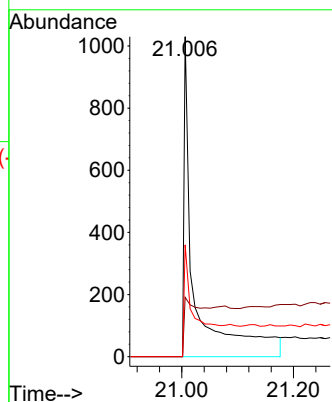
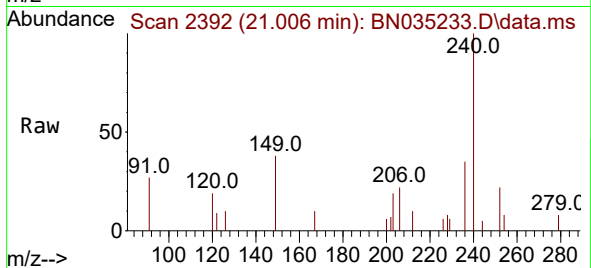
Tgt Ion:240 Resp: 1394

Ion Ratio Lower Upper

240 100

120 18.5 3.8 5.6#

236 35.0 22.2 33.2#



#30

Pyrene

Concen: 0.056 ng

RT: 19.199 min Scan# 2003

Delta R.T. -0.007 min

Lab File: BN035233.D

Acq: 21 Nov 2024 21:49

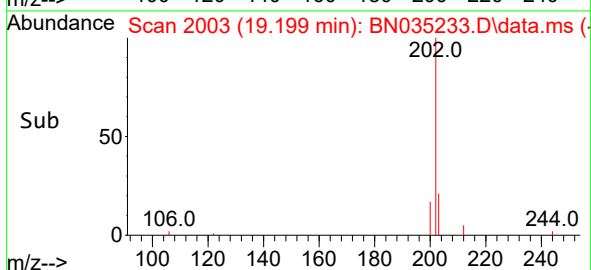
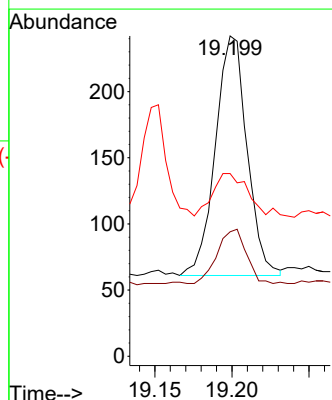
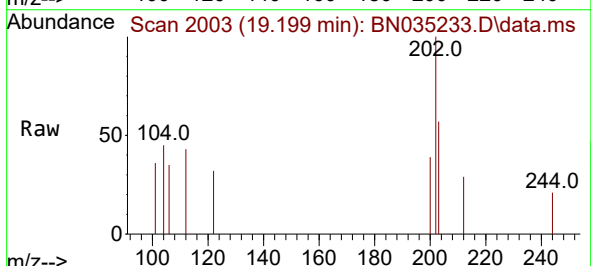
Tgt Ion:202 Resp: 259

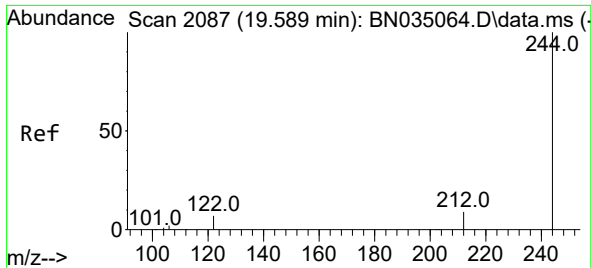
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 23.9 14.2 21.4#

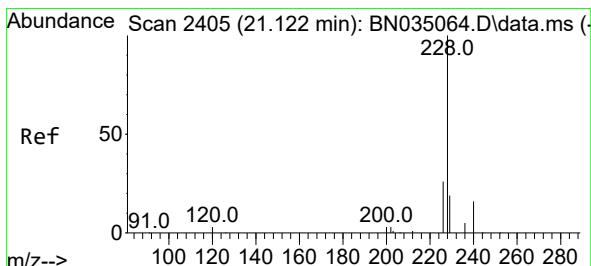
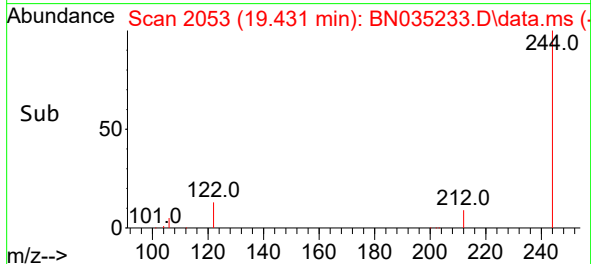
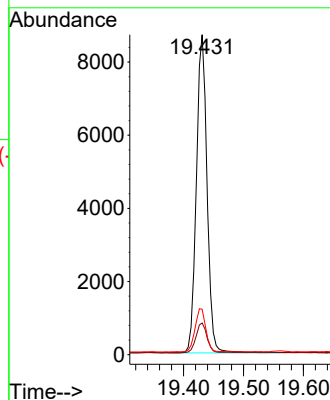
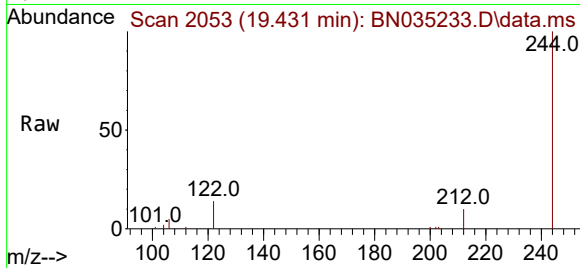




#31
 Terphenyl-d14
 Concen: 3.677 ng
 RT: 19.431 min Scan# 2087
 Delta R.T. -0.007 min
 Lab File: BN035233.D
 Acq: 21 Nov 2024 21:49

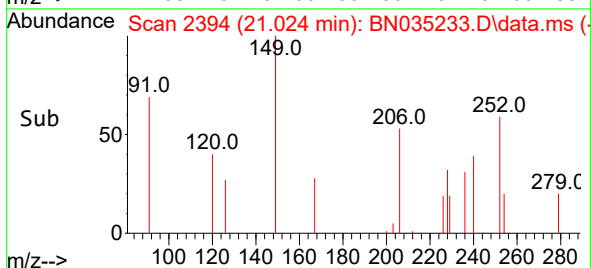
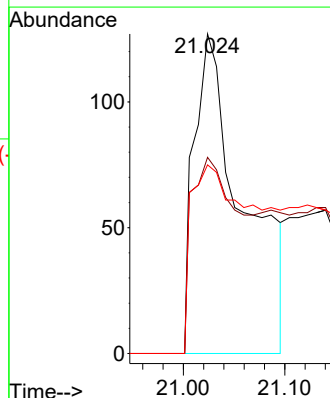
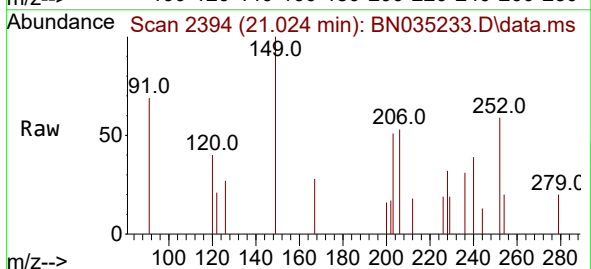
Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-8-20241119

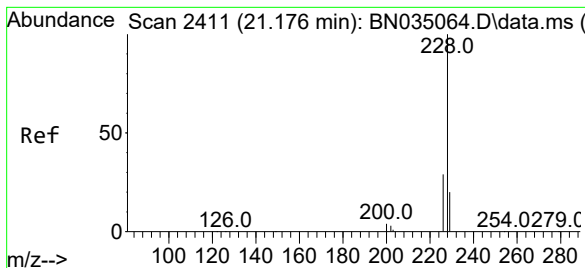
Tgt Ion:244 Resp: 10756
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.6 11.4
 122 14.2 6.1 9.1#



#32
 Benzo(a)anthracene
 Concen: 0.083 ng
 RT: 21.024 min Scan# 2394
 Delta R.T. -0.011 min
 Lab File: BN035233.D
 Acq: 21 Nov 2024 21:49

Tgt Ion:228 Resp: 401
 Ion Ratio Lower Upper
 228 100
 226 61.4 21.4 32.0#
 229 59.1 15.7 23.5#





#33

Chrysene

Concen: 0.083 ng

RT: 21.024 min Scan# 21

Delta R.T. -0.011 min

Lab File: BN035233.D

Acq: 21 Nov 2024 21:49

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-20241119

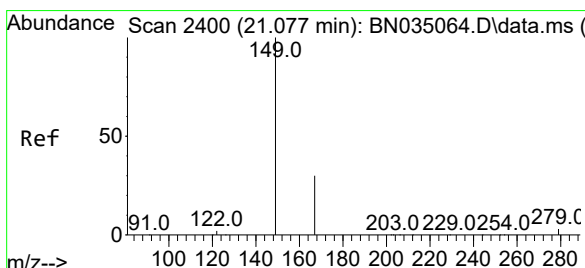
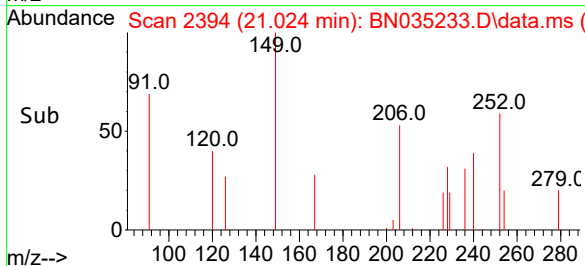
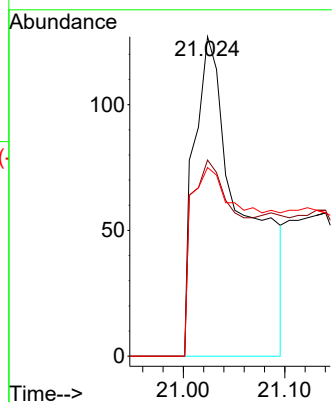
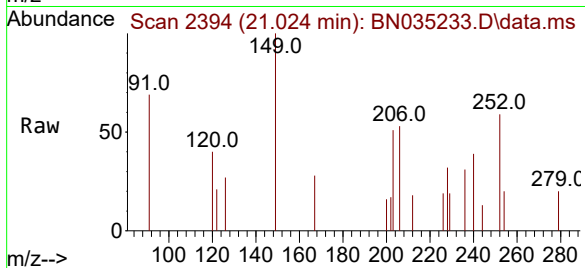
Tgt Ion:228 Resp: 401

Ion Ratio Lower Upper

228 100

226 61.4 23.7 35.5#

229 59.1 16.2 24.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.267 ng

RT: 21.024 min Scan# 2394

Delta R.T. -0.002 min

Lab File: BN035233.D

Acq: 21 Nov 2024 21:49

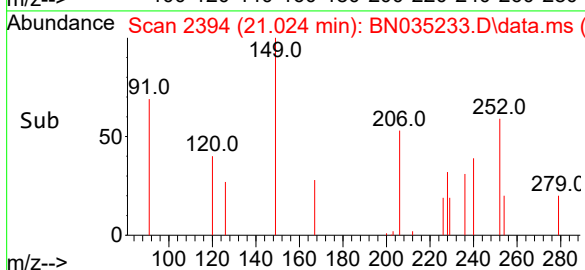
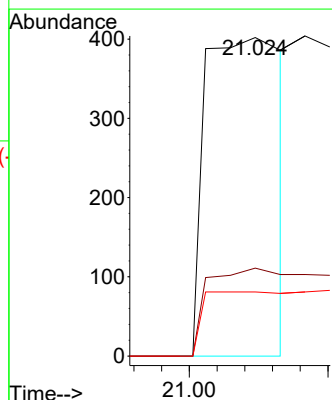
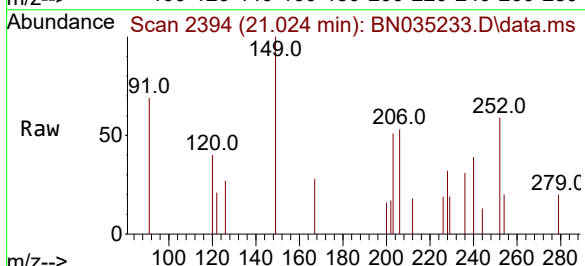
Tgt Ion:149 Resp: 679

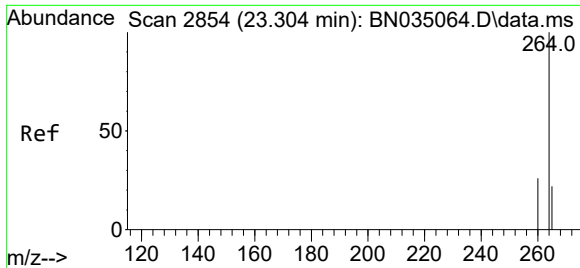
Ion Ratio Lower Upper

149 100

167 50.1 23.2 34.8#

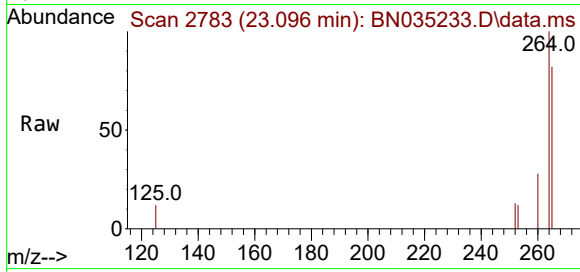
279 20.6 3.2 4.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.096 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN035233.D
Acq: 21 Nov 2024 21:49

Instrument :
BNA_N
ClientSampleId :
BPOW6-8-20241119



Tgt Ion:264 Resp: 5766

Ion	Ratio	Lower	Upper
264	100		
260	28.2	20.9	31.3
265	81.6	35.4	53.2#

