

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034531.D
 Acq On : 10 Oct 2024 21:07
 Operator : RC/JU
 Sample : P4267-01
 Misc :
 ALS Vial : 107 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-11-HYD-20241001

Quant Time: Oct 11 00:23:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

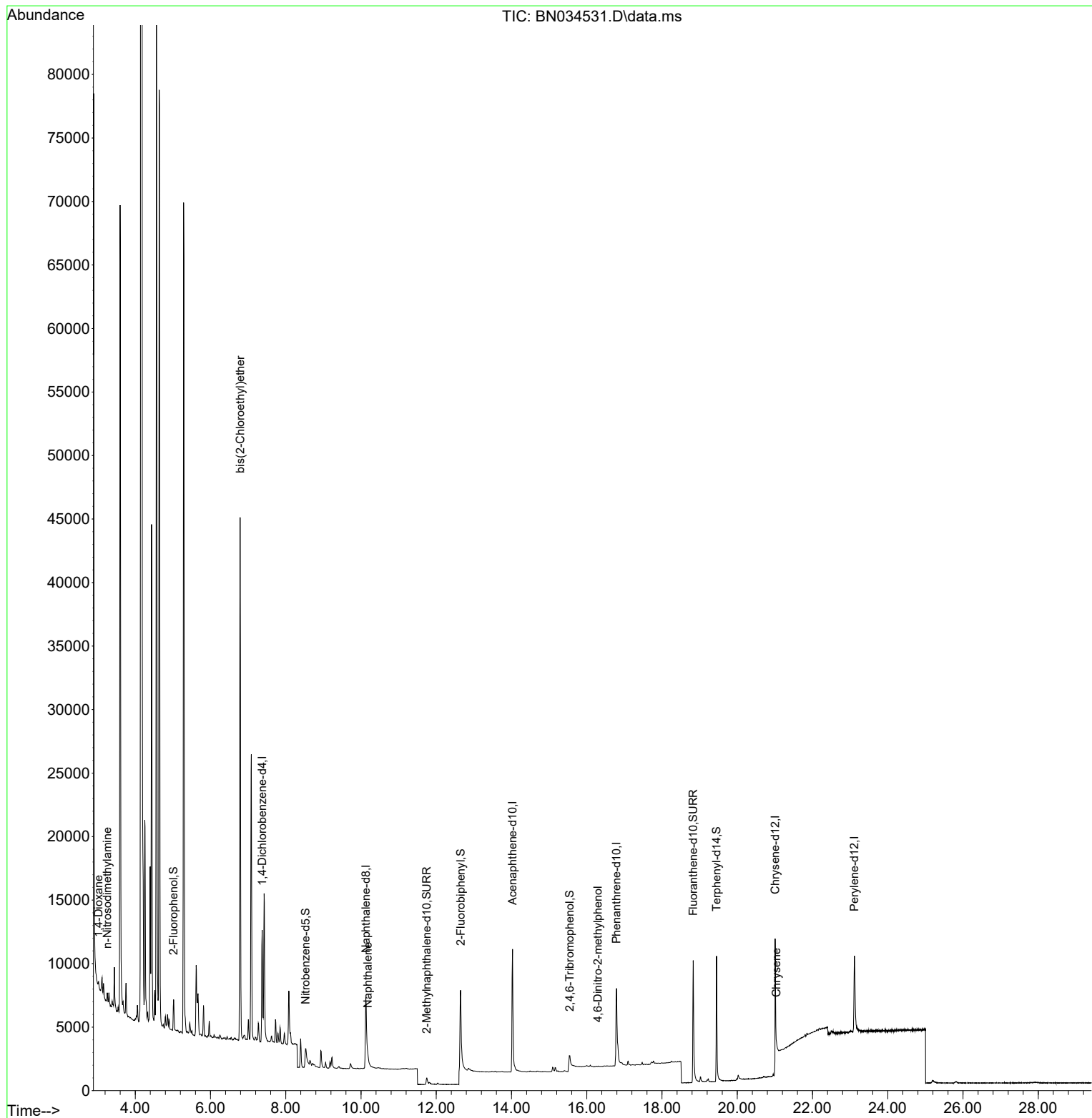
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4451	0.400	ng	0.00
7) Naphthalene-d8	10.127	136	12349	0.400	ng	0.00
13) Acenaphthene-d10	14.026	164	7093	0.400	ng	0.01
19) Phenanthrene-d10	16.790	188	13408	0.400	ng	0.01
29) Chrysene-d12	21.006	240	8009	0.400	ng	0.00
35) Perylene-d12	23.113	264	9425	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1512	0.120	ng	0.00
5) Phenol-d6	6.549	99	3	0.000	ng	-0.02
8) Nitrobenzene-d5	8.525	82	2542	0.269	ng	0.01
11) 2-Methylnaphthalene-d10	11.746	152	1178	0.065	ng	0.02
14) 2,4,6-Tribromophenol	15.549	330	906	0.282	ng	0.01
15) 2-Fluorobiphenyl	12.647	172	9373	0.325	ng	0.01
27) Fluoranthene-d10	18.827	212	13135	0.388	ng	0.00
31) Terphenyl-d14	19.449	244	11138	0.696	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.025	88	325	0.058	ng	# 69
3) n-Nitrosodimethylamine	3.256	42	707	0.112	ng	# 5
6) bis(2-Chloroethyl)ether	6.788	93	27761	2.136	ng	# 38
9) Naphthalene	10.180	128	763	0.023	ng	# 70
20) 4,6-Dinitro-2-methylph...	16.294	198	3	0.139	ng	# 1
33) Chrysene	21.042	228	654	0.022	ng	# 62

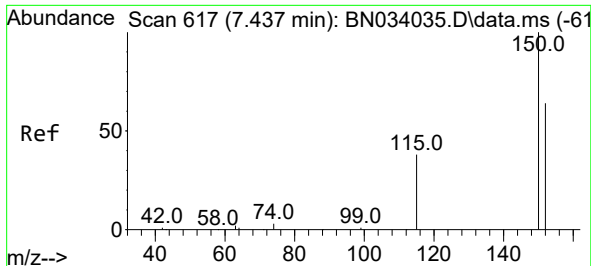
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
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BPOW6-11-HYD-20241001

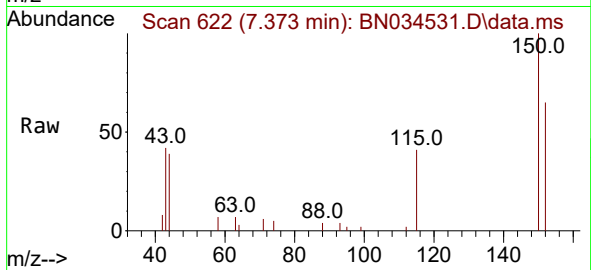
Quant Time: Oct 11 00:23:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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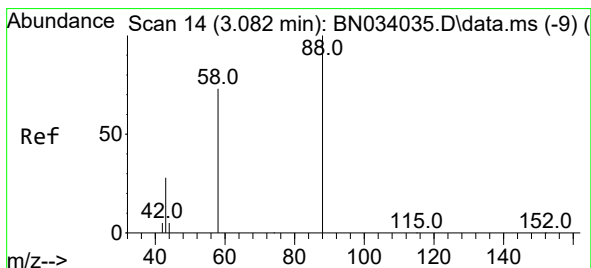
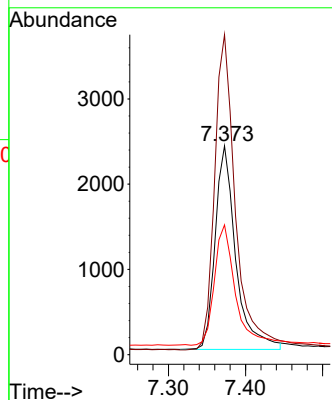
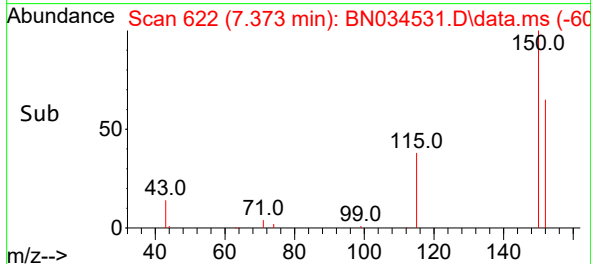


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN034531.D
Acq: 10 Oct 2024 21:07

Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001

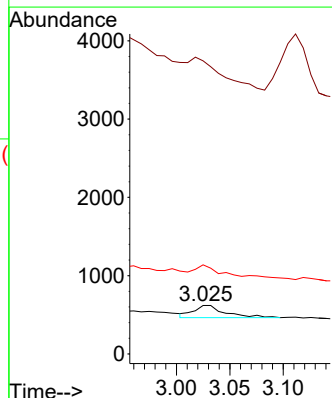
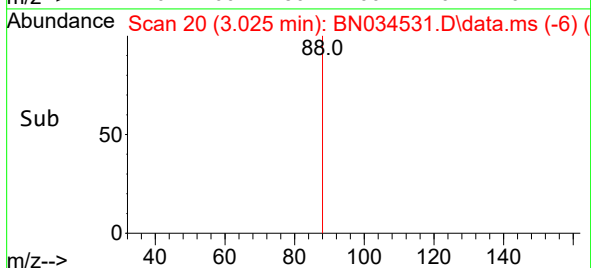
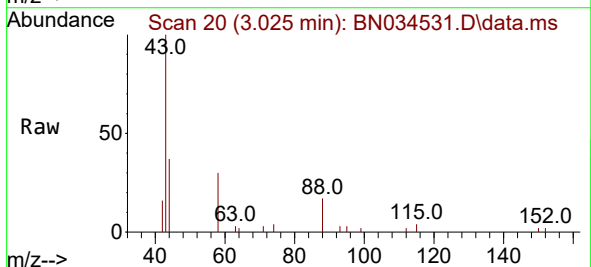


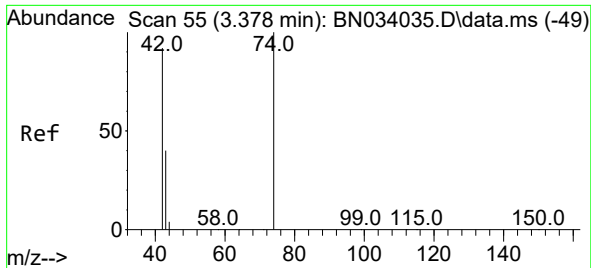
Tgt Ion:152 Resp: 4451
Ion Ratio Lower Upper
152 100
150 153.3 124.6 187.0
115 62.1 50.0 75.0



#2
1,4-Dioxane
Concen: 0.058 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN034531.D
Acq: 10 Oct 2024 21:07

Tgt Ion: 88 Resp: 325
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 89.8 58.8 88.2#

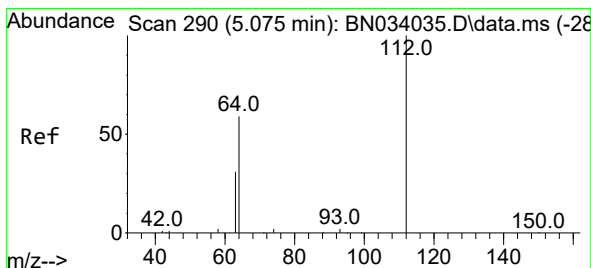
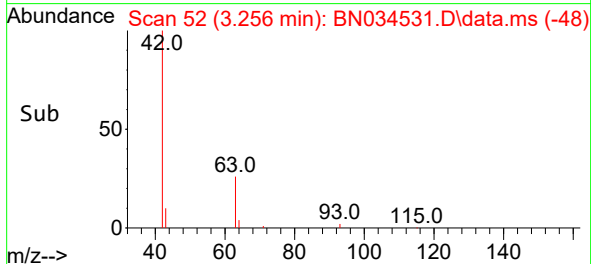
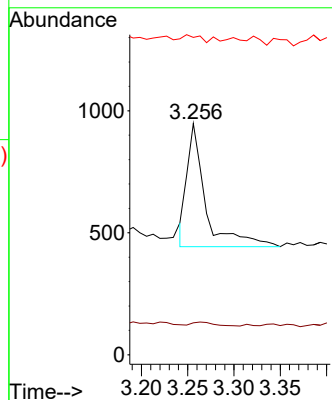
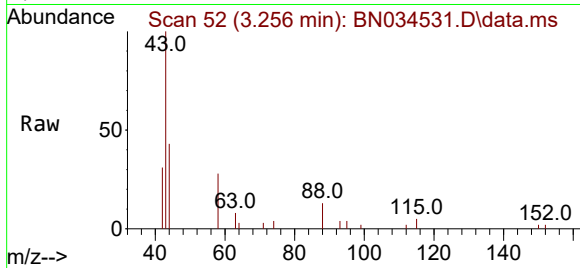




#3
n-Nitrosodimethylamine
Concen: 0.112 ng
RT: 3.256 min Scan# 51
Delta R.T. -0.072 min
Lab File: BN034531.D
Acq: 10 Oct 2024 21:07

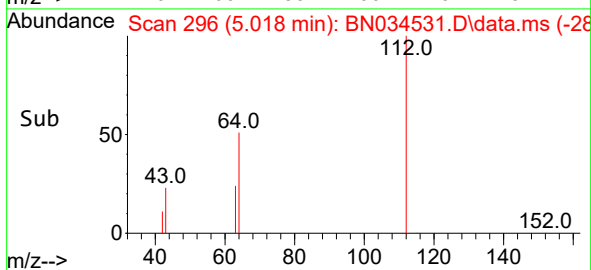
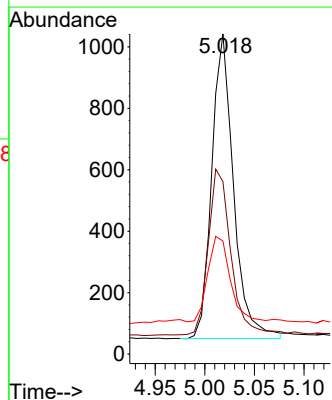
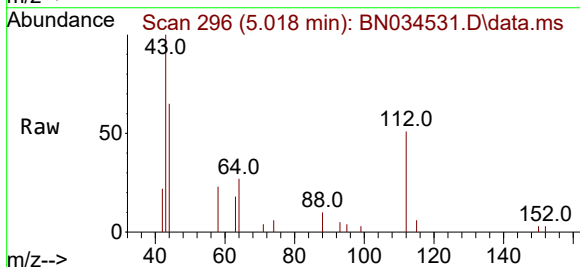
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001

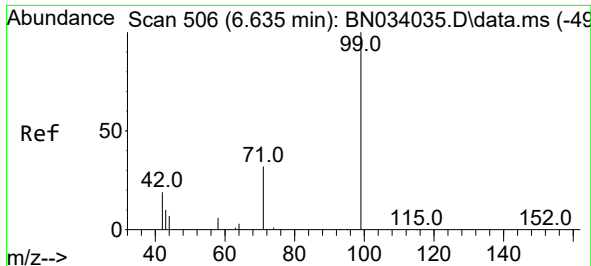
Tgt Ion: 42 Resp: 707
Ion Ratio Lower Upper
42 100
74 3.4 94.6 142.0#
44 5.1 12.4 18.6#



#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.018 min Scan# 296
Delta R.T. 0.007 min
Lab File: BN034531.D
Acq: 10 Oct 2024 21:07

Tgt Ion: 112 Resp: 1512
Ion Ratio Lower Upper
112 100
64 57.9 48.6 72.8
63 29.1 25.6 38.4

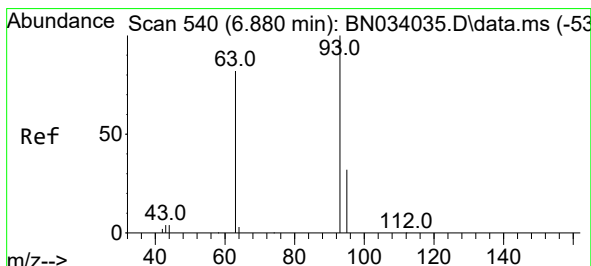
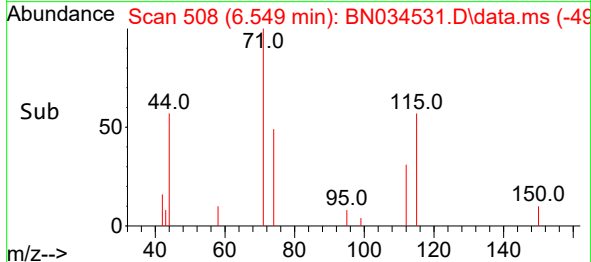
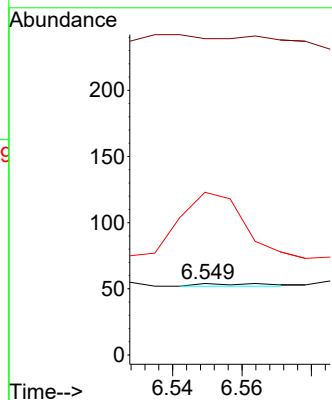
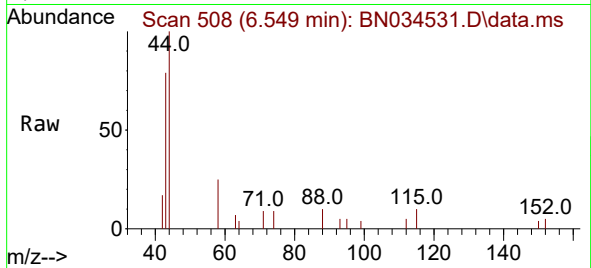




#5
Phenol-d6
Concen: 0.000 ng
RT: 6.549 min Scan# 506
Delta R.T. -0.022 min
Lab File: BN034531.D
Acq: 10 Oct 2024 21:07

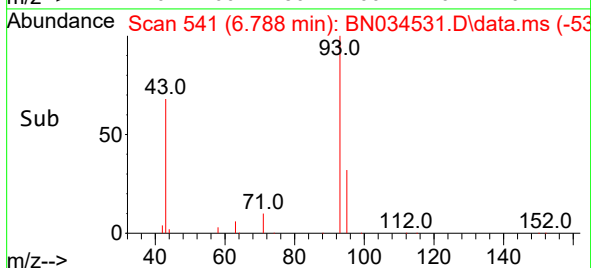
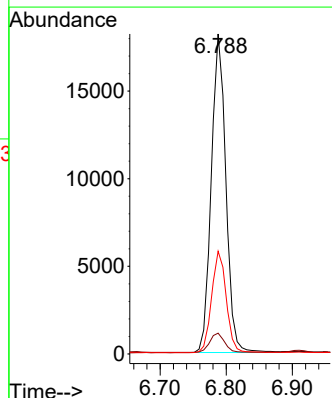
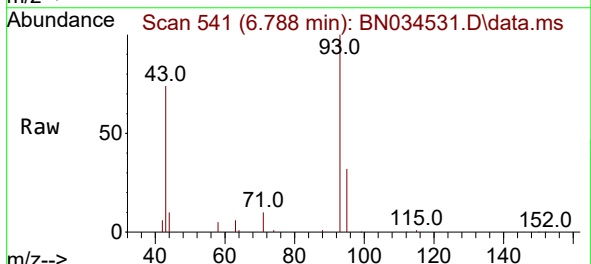
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001

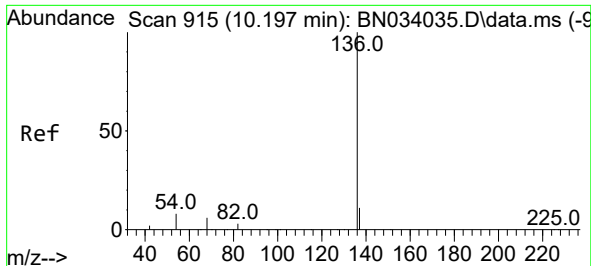
Tgt Ion: 99 Resp: 3
Ion Ratio Lower Upper
99 100
42 866.7 17.8 26.8#
71 2400.0 26.2 39.2#



#6
bis(2-Chloroethyl)ether
Concen: 2.136 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.029 min
Lab File: BN034531.D
Acq: 10 Oct 2024 21:07

Tgt Ion: 93 Resp: 27761
Ion Ratio Lower Upper
93 100
63 6.1 67.3 100.9#
95 32.1 26.8 40.2

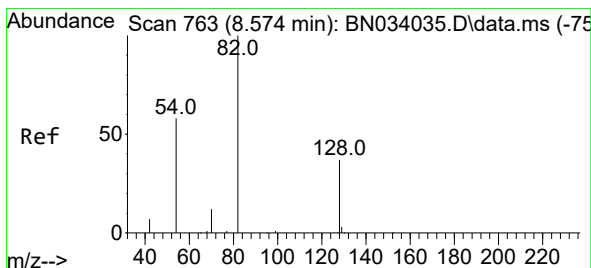
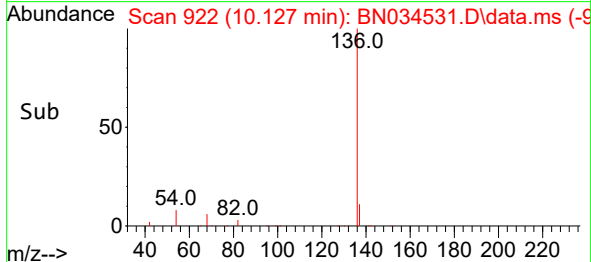
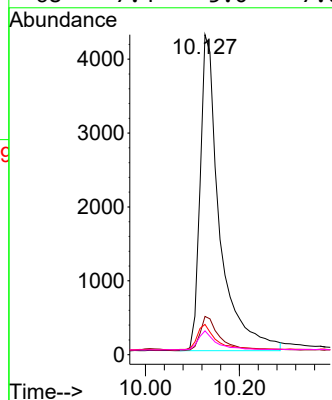
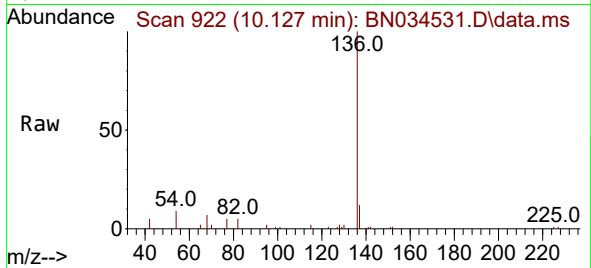




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN034531.D
Acq: 10 Oct 2024 21:07

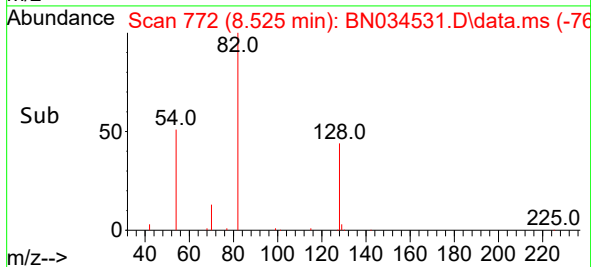
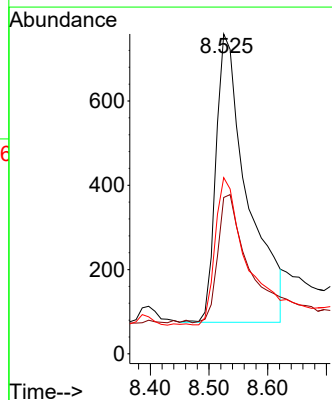
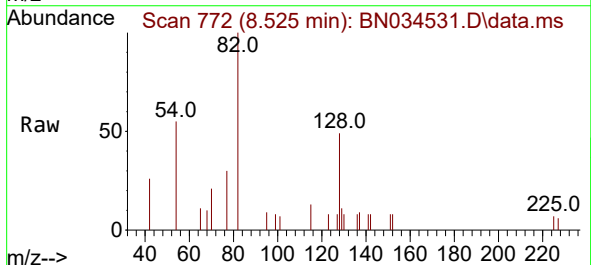
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001

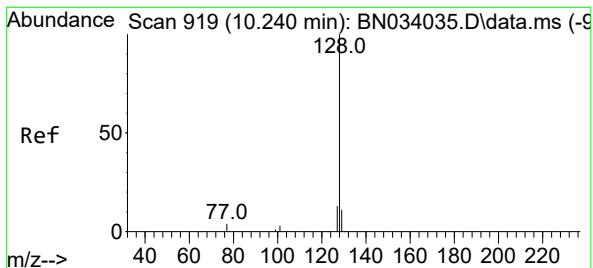
Tgt Ion:136	Resp:	12349
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.0 13.6
54	9.4	6.8 10.2
68	7.4	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.525 min Scan# 772
Delta R.T. 0.011 min
Lab File: BN034531.D
Acq: 10 Oct 2024 21:07

Tgt Ion: 82	Resp:	2542
Ion Ratio	Lower	Upper
82	100	
128	48.9	31.4 47.2#
54	55.1	47.4 71.0





#9

Naphthalene

Concen: 0.023 ng

RT: 10.180 min Scan# 91

Delta R.T. 0.011 min

Lab File: BN034531.D

Acq: 10 Oct 2024 21:07

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241001

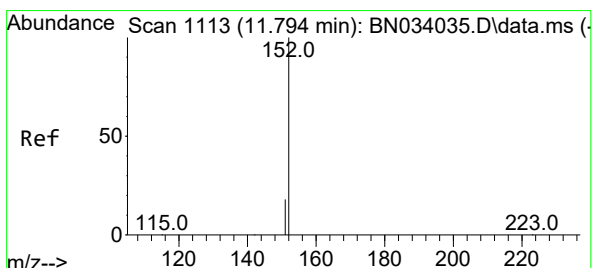
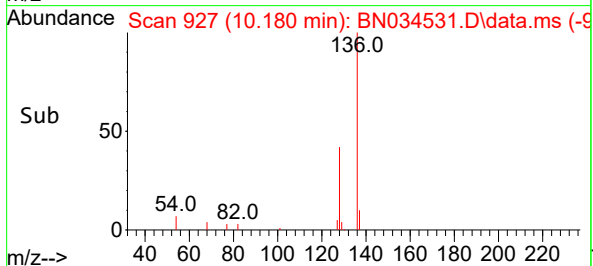
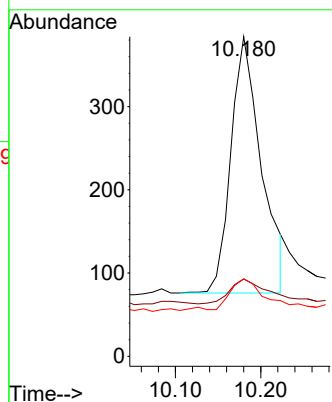
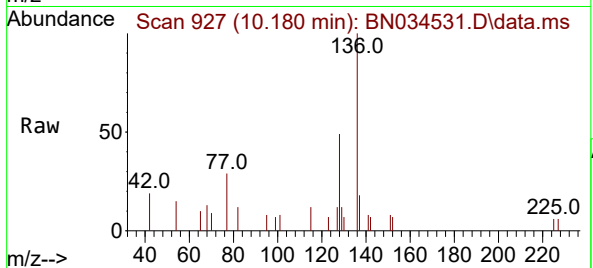
Tgt Ion:128 Resp: 763

Ion Ratio Lower Upper

128 100

129 24.2 9.2 13.8#

127 24.2 10.7 16.1#



#11

2-Methylnaphthalene-d10

Concen: 0.065 ng

RT: 11.746 min Scan# 1115

Delta R.T. 0.019 min

Lab File: BN034531.D

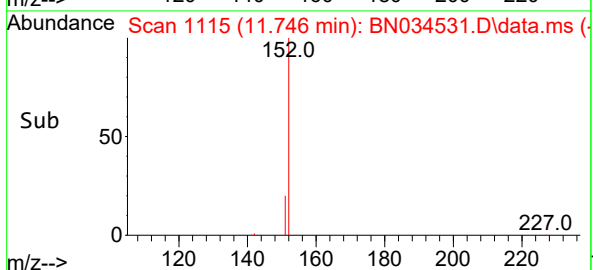
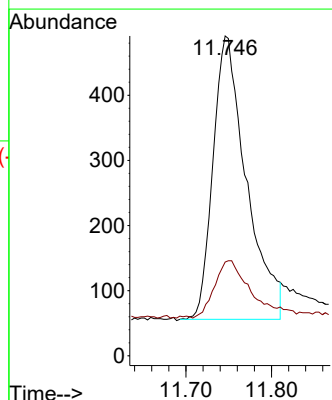
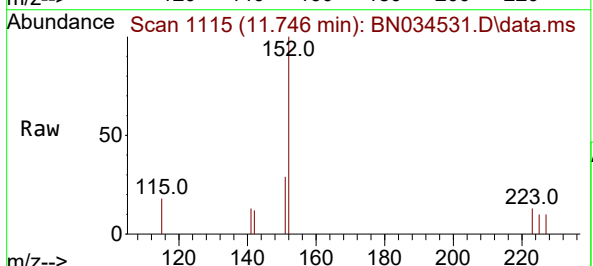
Acq: 10 Oct 2024 21:07

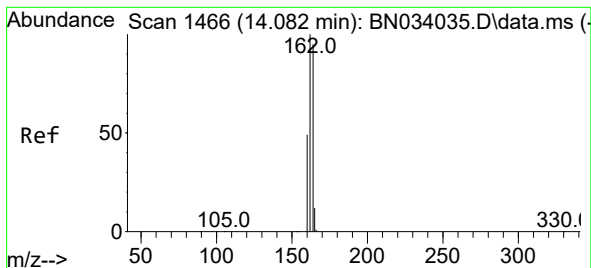
Tgt Ion:152 Resp: 1178

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.026 min Scan# 14

Delta R.T. 0.011 min

Lab File: BN034531.D

Acq: 10 Oct 2024 21:07

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241001

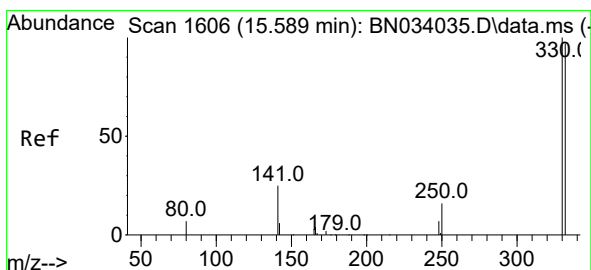
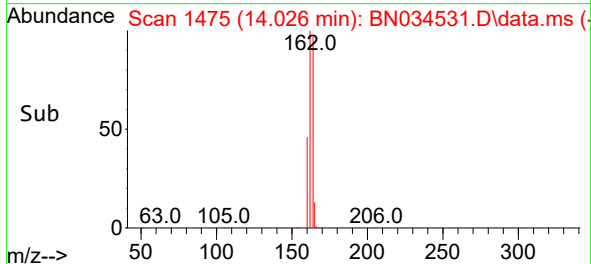
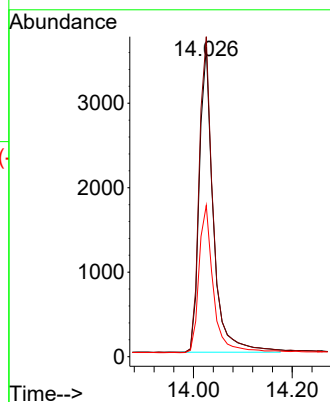
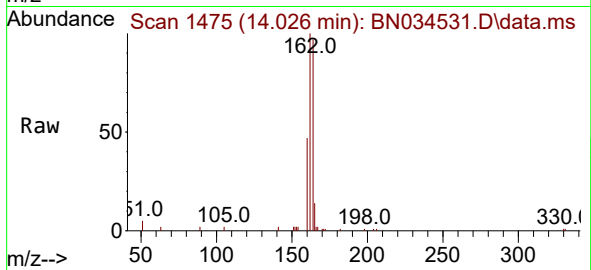
Tgt Ion:164 Resp: 7093

Ion Ratio Lower Upper

164 100

162 103.4 84.2 126.2

160 48.8 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.282 ng

RT: 15.549 min Scan# 1617

Delta R.T. 0.012 min

Lab File: BN034531.D

Acq: 10 Oct 2024 21:07

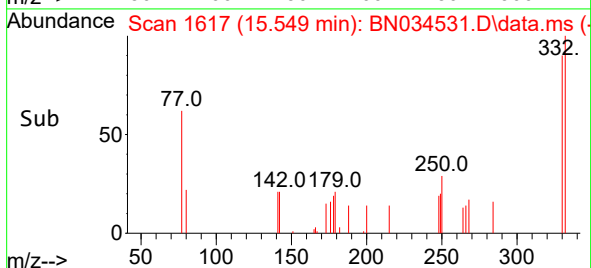
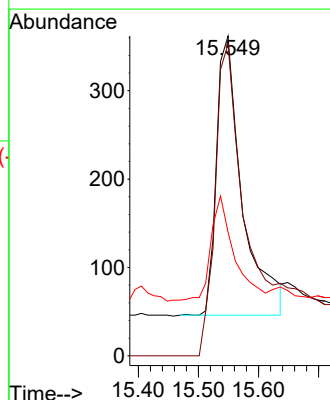
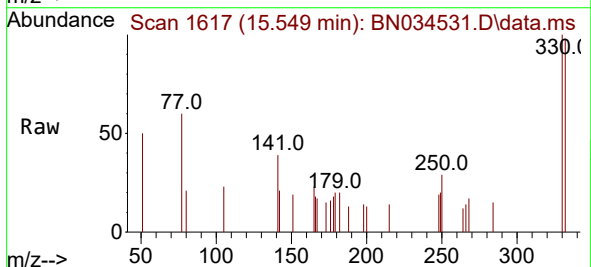
Tgt Ion:330 Resp: 906

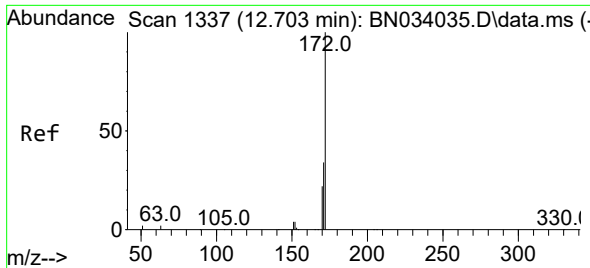
Ion Ratio Lower Upper

330 100

332 145.1 77.4 116.0#

141 33.0 35.9 53.9#

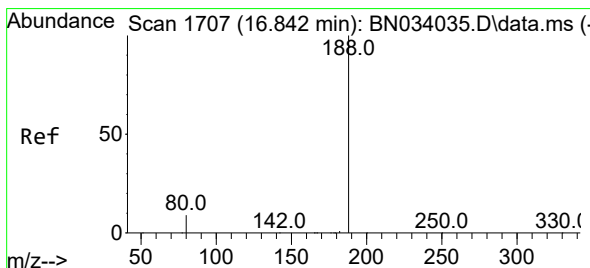
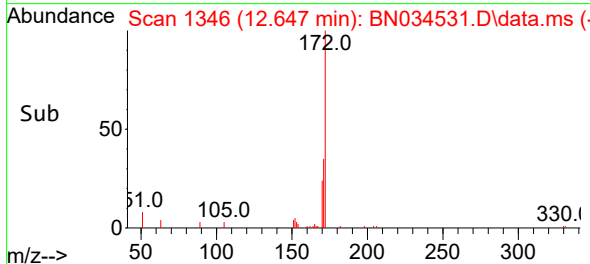
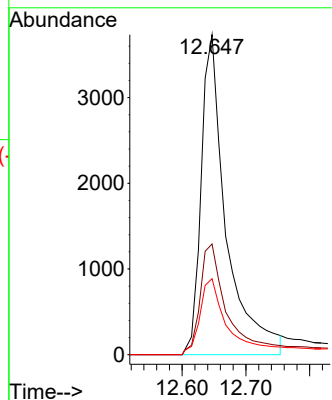
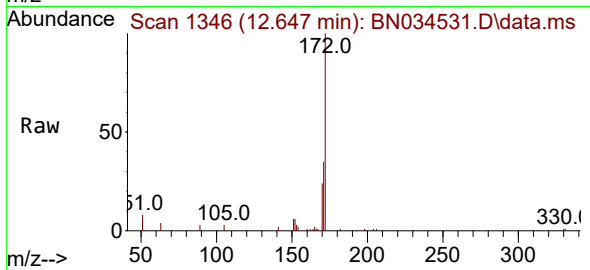




#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 12.647 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN034531.D
Acq: 10 Oct 2024 21:07

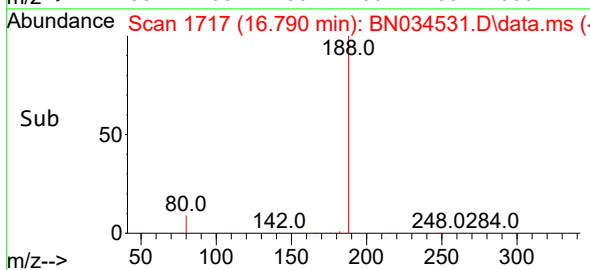
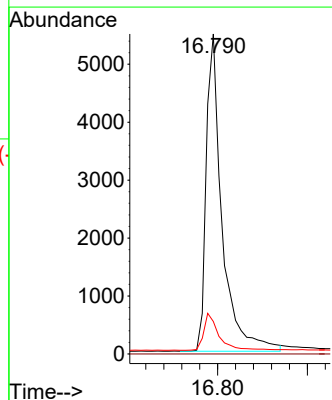
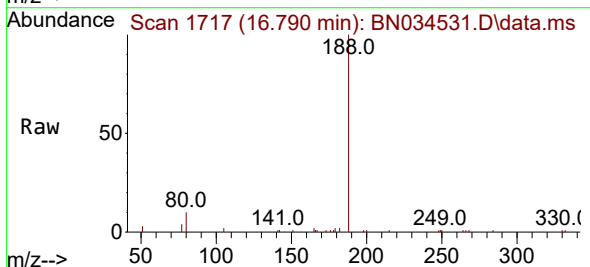
Instrument :
BNA_N
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BPOW6-11-HYD-20241001

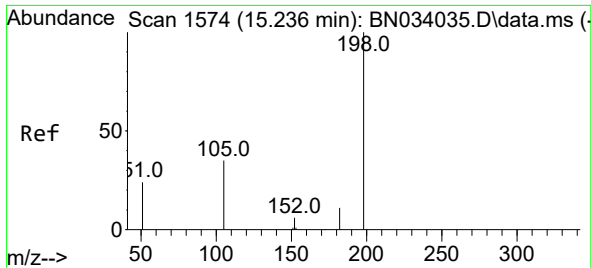
Tgt Ion:172 Resp: 9373
Ion Ratio Lower Upper
172 100
171 34.6 27.3 40.9
170 23.8 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.790 min Scan# 1717
Delta R.T. 0.012 min
Lab File: BN034531.D
Acq: 10 Oct 2024 21:07

Tgt Ion:188 Resp: 13408
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 7.4 11.0

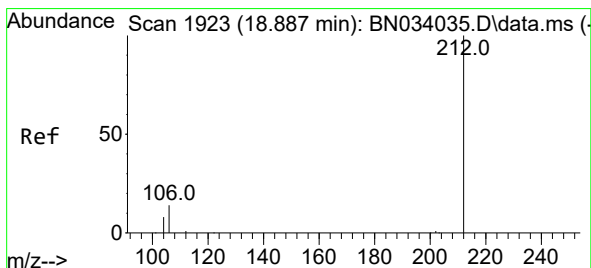
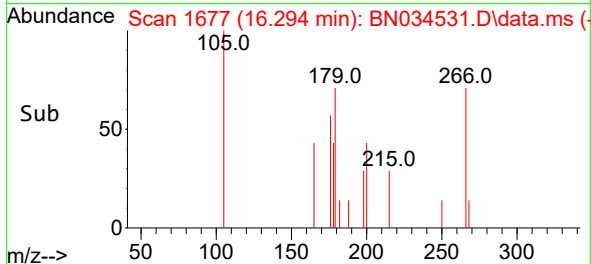
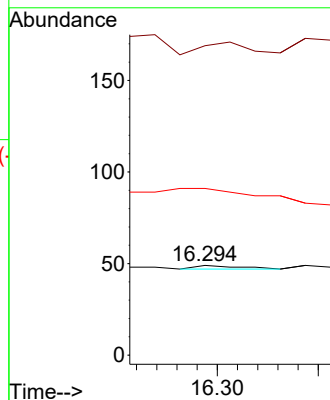
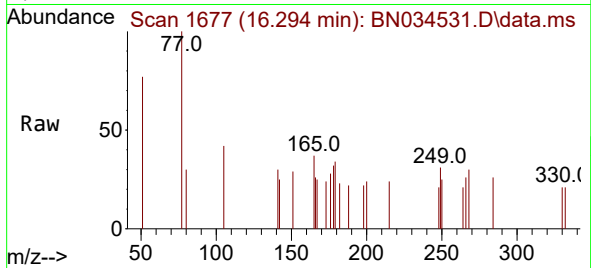




#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 16.294 min Scan# 1677
Delta R.T. 0.012 min
Lab File: BN034531.D
Acq: 10 Oct 2024 21:07

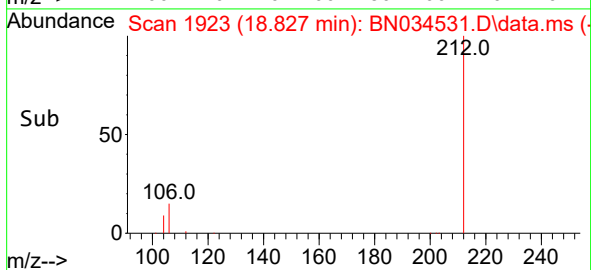
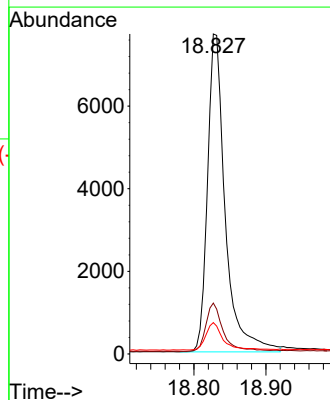
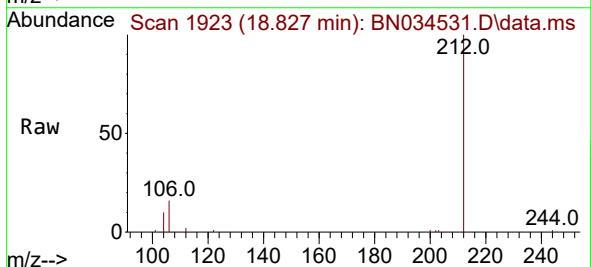
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001

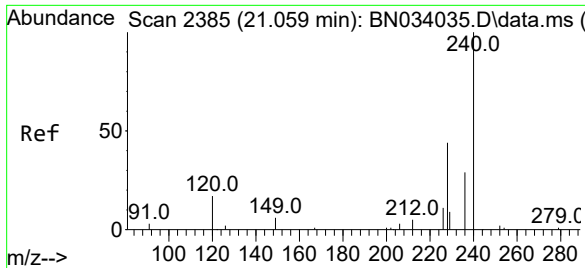
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 344.9 106.4 159.6#
105 185.7 38.5 57.7#



#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 18.827 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BN034531.D
Acq: 10 Oct 2024 21:07

Tgt Ion:212 Resp: 13135
Ion Ratio Lower Upper
212 100
106 14.8 13.4 20.2
104 8.6 7.8 11.6

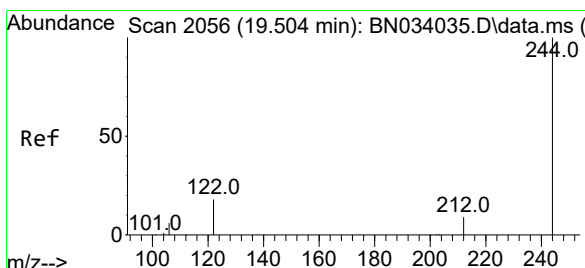
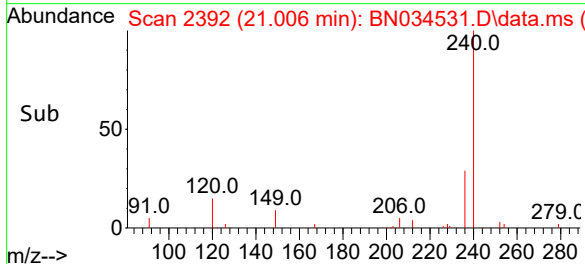
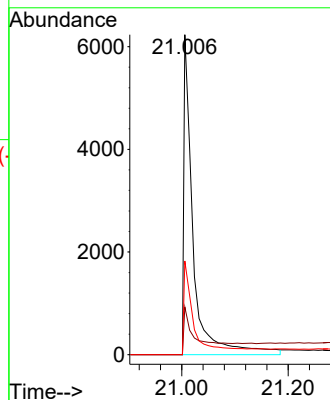
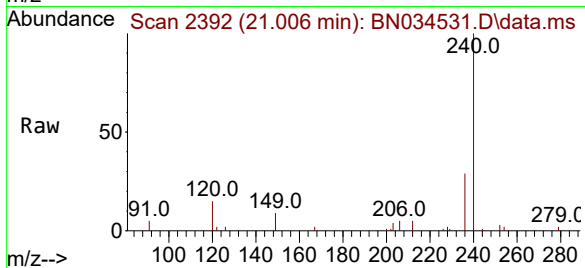




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN034531.D
Acq: 10 Oct 2024 21:07

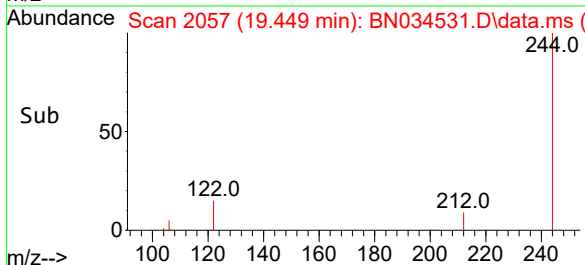
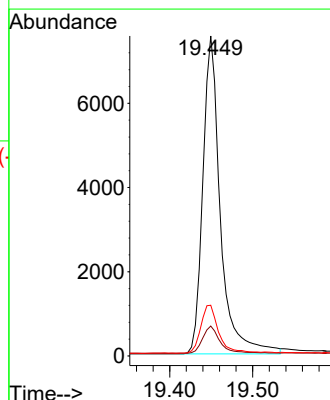
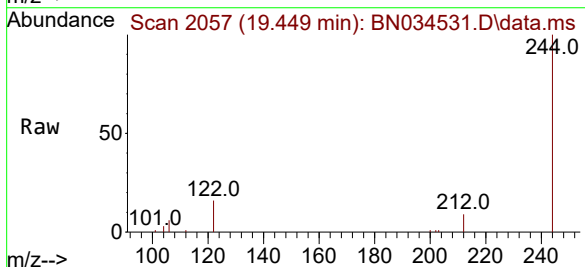
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001

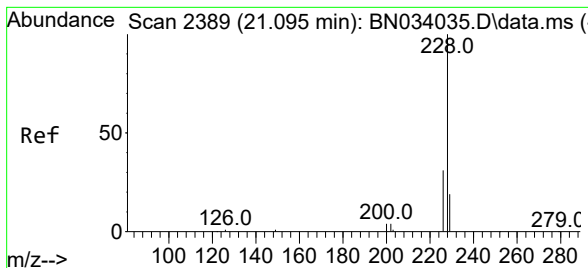
Tgt Ion:240 Resp: 8009
Ion Ratio Lower Upper
240 100
120 14.9 13.5 20.3
236 29.3 23.4 35.0



#31
Terphenyl-d14
Concen: 0.696 ng
RT: 19.449 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BN034531.D
Acq: 10 Oct 2024 21:07

Tgt Ion:244 Resp: 11138
Ion Ratio Lower Upper
244 100
212 9.4 7.8 11.6
122 15.9 14.8 22.2





#33

Chrysene

Concen: 0.022 ng

RT: 21.042 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN034531.D

Acq: 10 Oct 2024 21:07

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241001

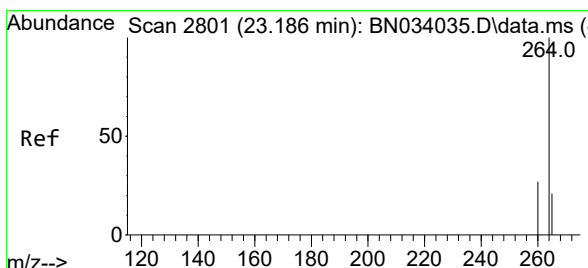
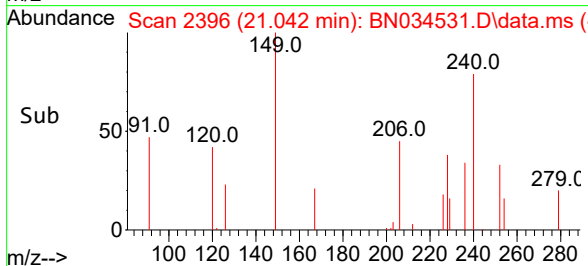
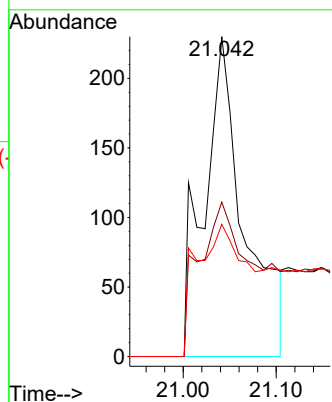
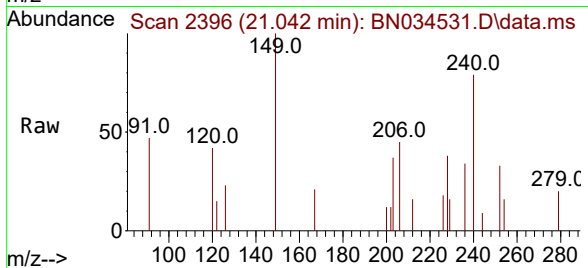
Tgt Ion:228 Resp: 654

Ion Ratio Lower Upper

228 100

226 48.3 24.6 37.0#

229 41.3 15.5 23.3#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.113 min Scan# 2789

Delta R.T. -0.000 min

Lab File: BN034531.D

Acq: 10 Oct 2024 21:07

Tgt Ion:264 Resp: 9425

Ion Ratio Lower Upper

264 100

260 27.0 21.7 32.5

265 89.9 52.1 78.1#

