

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
 Data File : BN034054.D
 Acq On : 19 Sep 2024 17:40
 Operator : JU/RC
 Sample : P3970-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-8-HYD-20240910

Quant Time: Sep 19 18:38:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

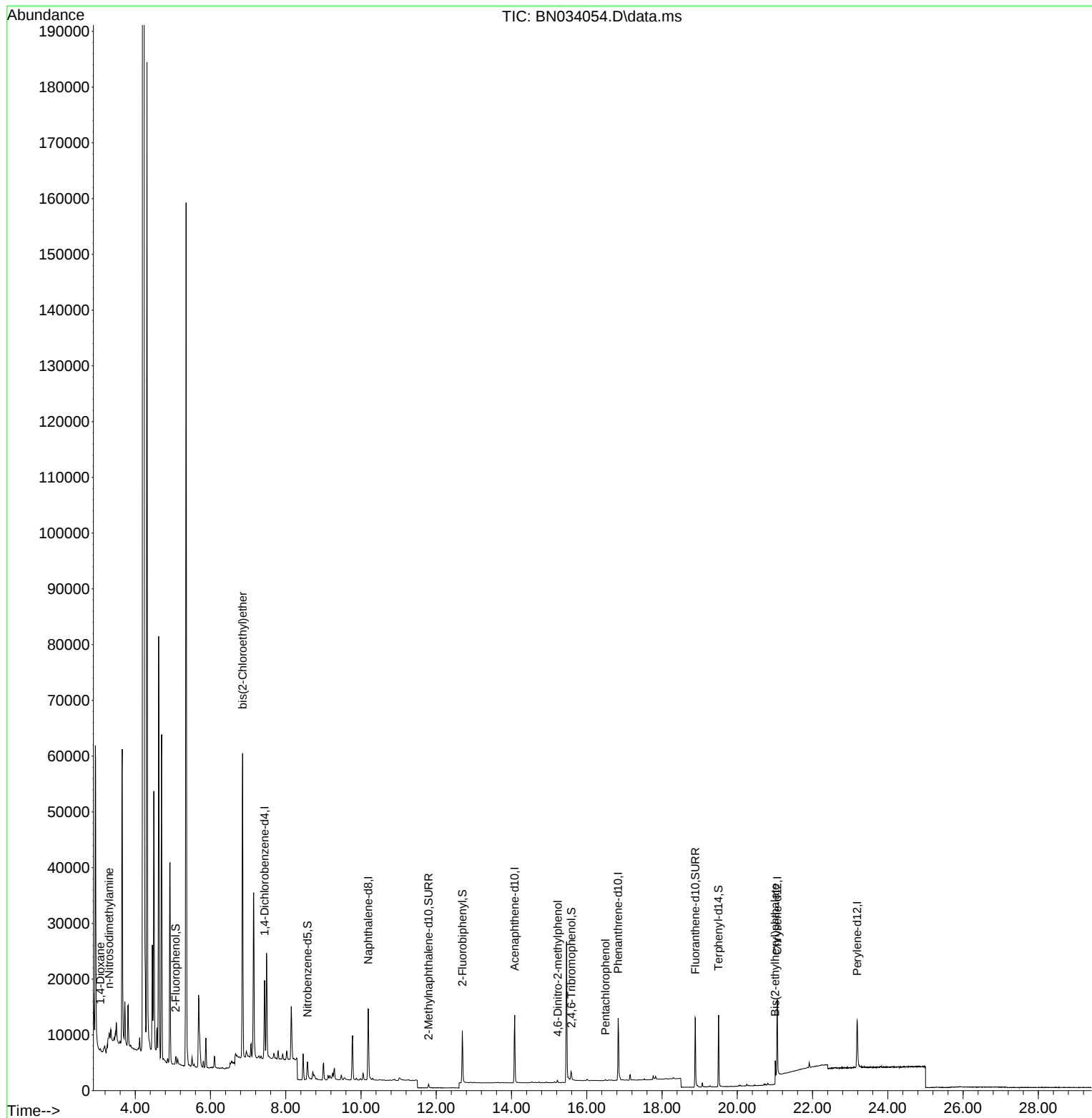
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	6080	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	17348	0.400	ng	0.00
13) Acenaphthene-d10	14.083	164	6888	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	16089	0.400	ng	# 0.00
29) Chrysene-d12	21.062	240	13143	0.400	ng	# 0.00
35) Perylene-d12	23.186	264	11902	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	640	0.037	ng	0.00
5) Phenol-d6	6.636	99	30	0.001	ng	0.00
8) Nitrobenzene-d5	8.579	82	3415	0.257	ng	0.00
11) 2-Methylnaphthalene-d10	11.795	152	976	0.038	ng	0.00
14) 2,4,6-Tribromophenol	15.592	330	1027	0.329	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	8142	0.291	ng	0.00
27) Fluoranthene-d10	18.885	212	14052	0.346	ng	0.00
31) Terphenyl-d14	19.503	244	12401	0.472	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.075	88	249	0.033	ng	# 36
3) n-Nitrosodimethylamine	3.307	42	651	0.075	ng	# 5
6) bis(2-Chloroethyl)ether	6.853	93	32923	1.854	ng	# 38
20) 4,6-Dinitro-2-methylph...	15.227	198	13	0.142	ng	# 1
24) Pentachlorophenol	16.498	266	114	0.034	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.008	149	2587	0.149	ng	# 94

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

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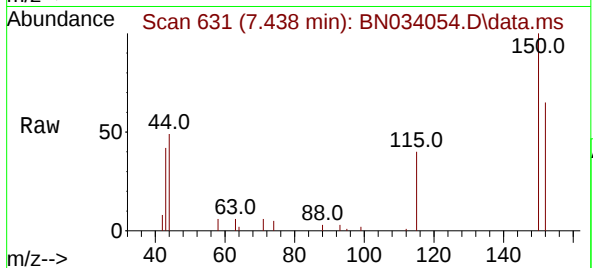
Quant Time: Sep 19 18:38:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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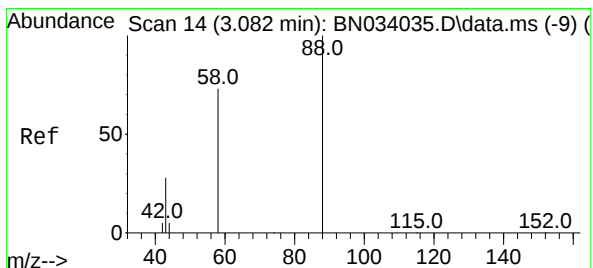
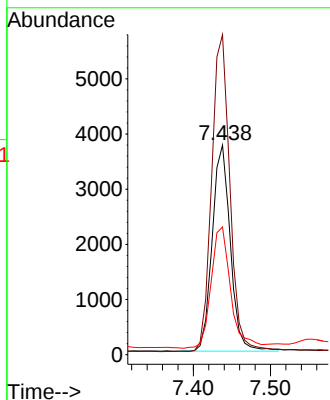
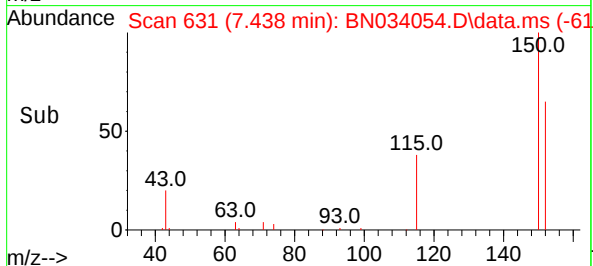


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.438 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN034054.D
Acq: 19 Sep 2024 17:40

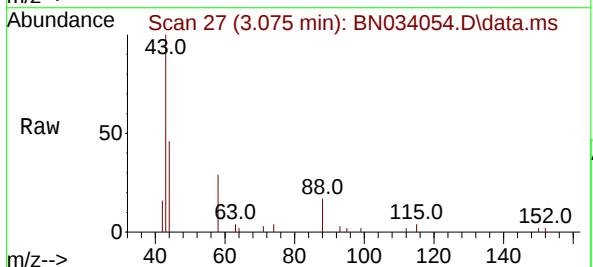
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240910



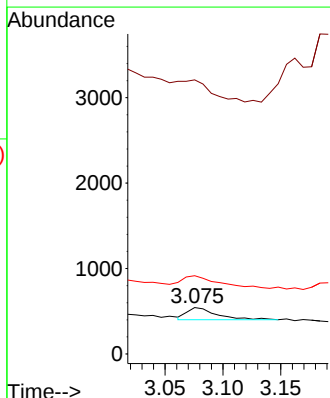
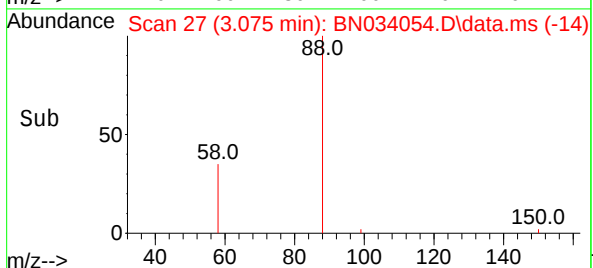
Tgt Ion:152 Resp: 6080
Ion Ratio Lower Upper
152 100
150 152.7 124.6 187.0
115 60.9 50.0 75.0

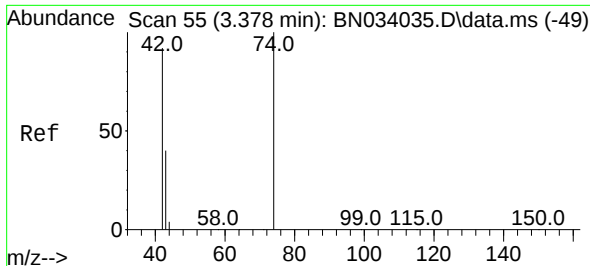


#2
1,4-Dioxane
Concen: 0.033 ng
RT: 3.075 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034054.D
Acq: 19 Sep 2024 17:40



Tgt Ion: 88 Resp: 249
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 129.7 58.8 88.2#

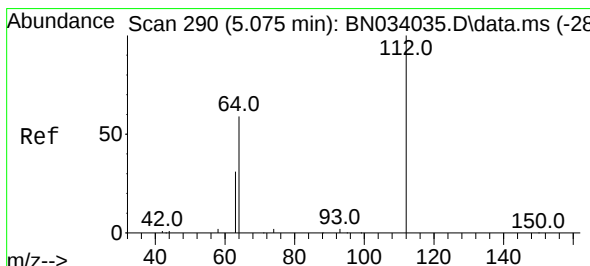
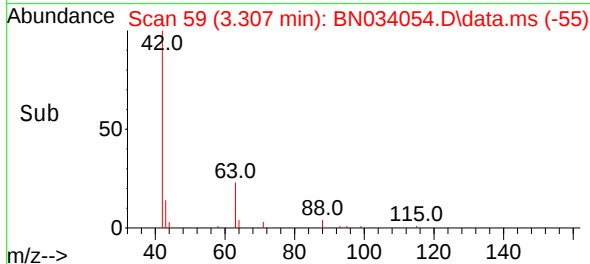
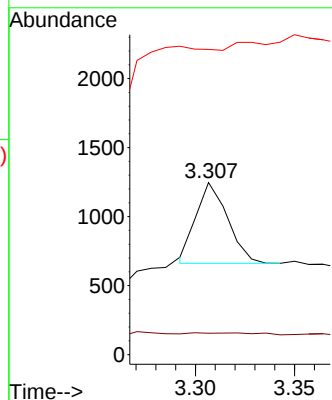
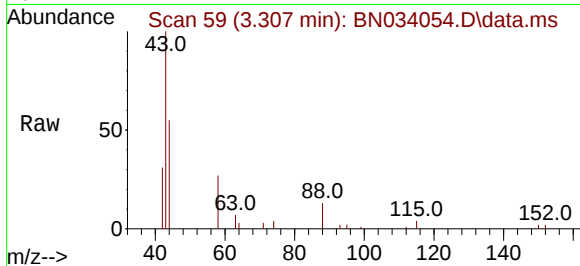




#3
n-Nitrosodimethylamine
Concen: 0.075 ng
RT: 3.307 min Scan# 51
Delta R.T. -0.071 min
Lab File: BN034054.D
Acq: 19 Sep 2024 17:40

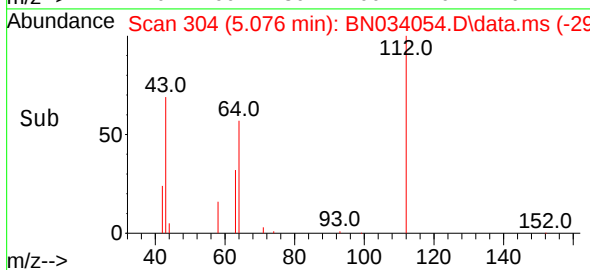
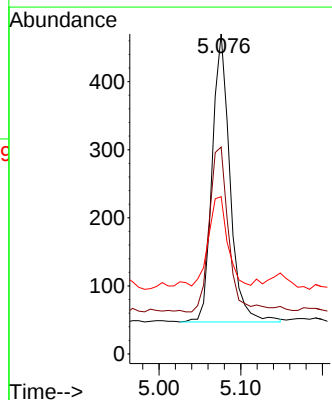
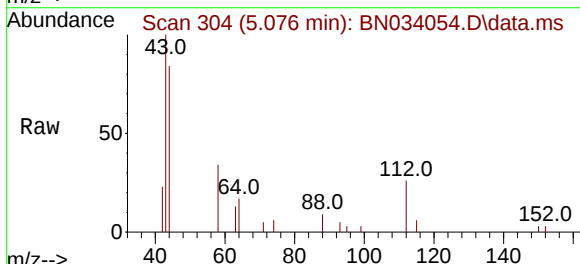
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240910

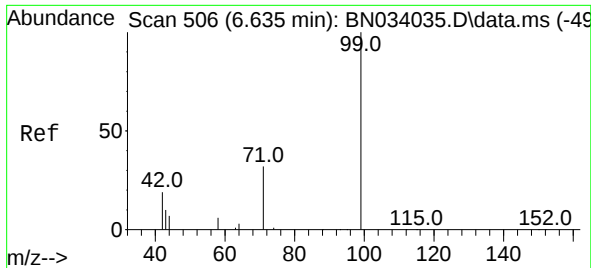
Tgt Ion: 42 Resp: 651
Ion Ratio Lower Upper
42 100
74 5.1 94.6 142.0#
44 0.0 12.4 18.6#



#4
2-Fluorophenol
Concen: 0.037 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034054.D
Acq: 19 Sep 2024 17:40

Tgt Ion: 112 Resp: 640
Ion Ratio Lower Upper
112 100
64 62.3 48.6 72.8
63 34.8 25.6 38.4

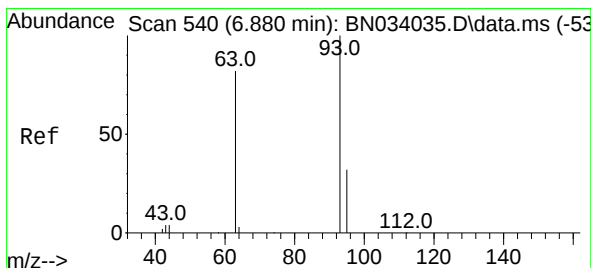
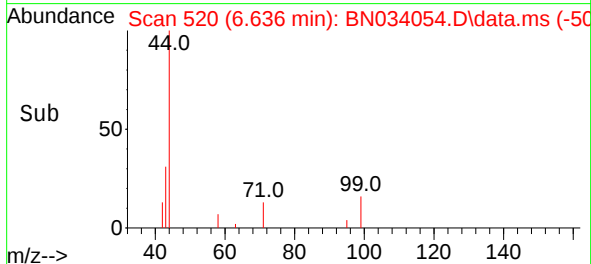
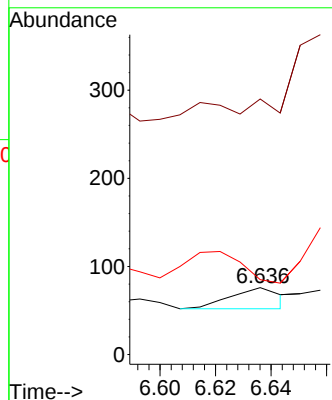
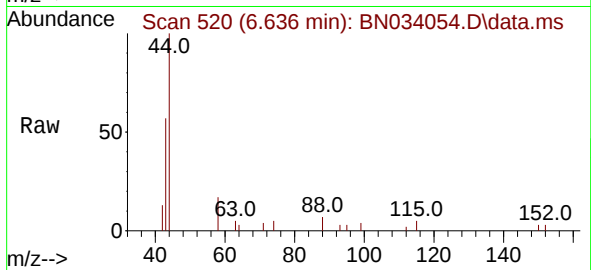




#5
Phenol-d6
Concen: 0.001 ng
RT: 6.636 min Scan# 51
Delta R.T. 0.001 min
Lab File: BN034054.D
Acq: 19 Sep 2024 17:40

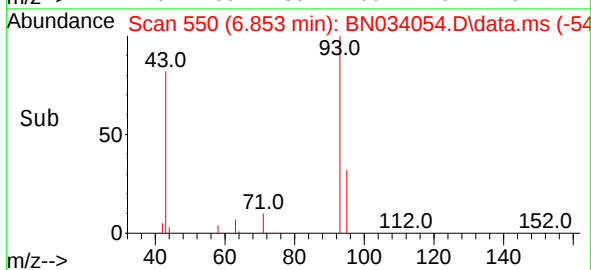
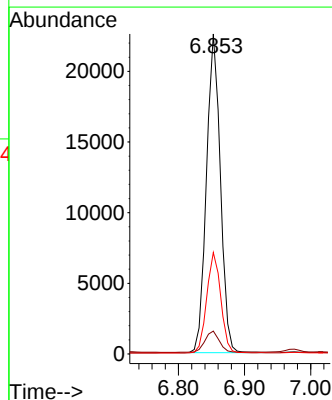
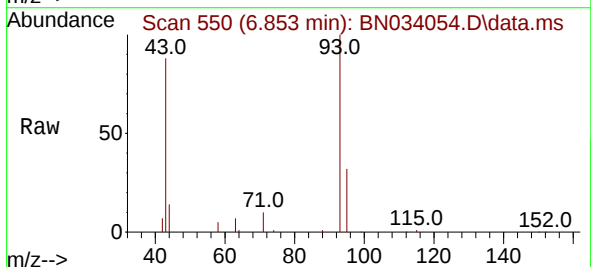
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240910

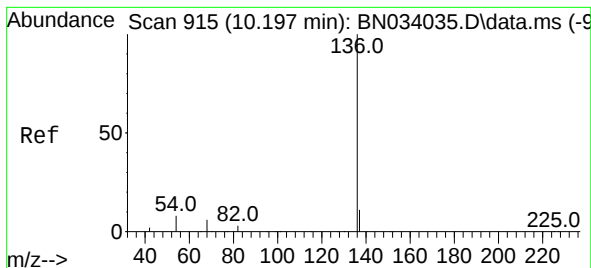
Tgt Ion: 99 Resp: 30
Ion Ratio Lower Upper
99 100
42 0.0 17.8 26.8#
71 0.0 26.2 39.2#



#6
bis(2-Chloroethyl)ether
Concen: 1.854 ng
RT: 6.853 min Scan# 550
Delta R.T. -0.028 min
Lab File: BN034054.D
Acq: 19 Sep 2024 17:40

Tgt Ion: 93 Resp: 32923
Ion Ratio Lower Upper
93 100
63 6.9 67.3 100.9#
95 31.7 26.8 40.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.191 min Scan# 91

Delta R.T. -0.006 min

Lab File: BN034054.D

Acq: 19 Sep 2024 17:40

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-HYD-20240910

Tgt Ion:136 Resp: 17348

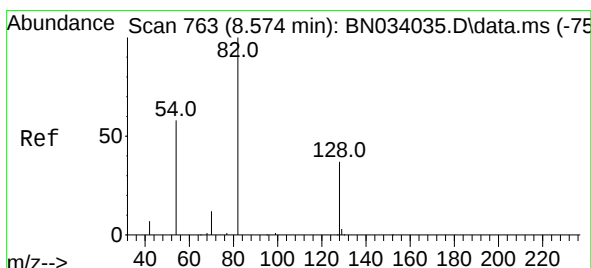
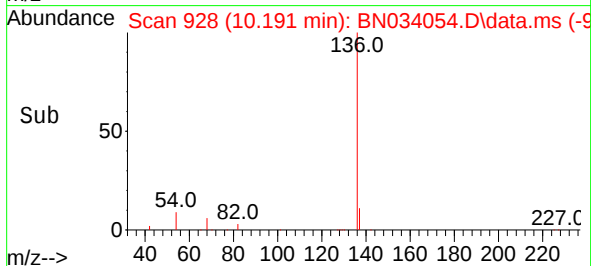
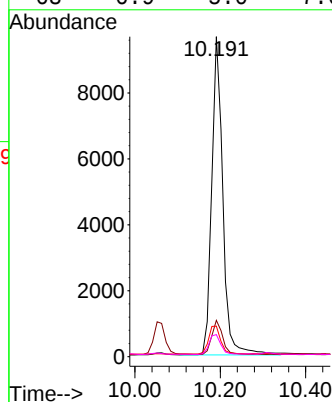
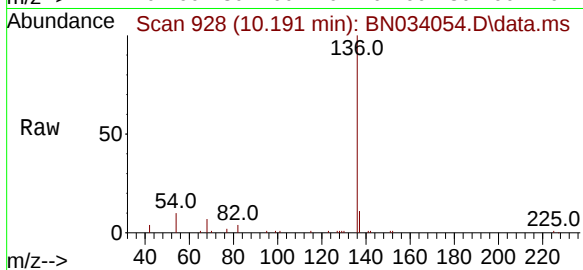
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 9.6 6.8 10.2

68 6.9 5.0 7.6



#8

Nitrobenzene-d5

Concen: 0.257 ng

RT: 8.579 min Scan# 777

Delta R.T. 0.005 min

Lab File: BN034054.D

Acq: 19 Sep 2024 17:40

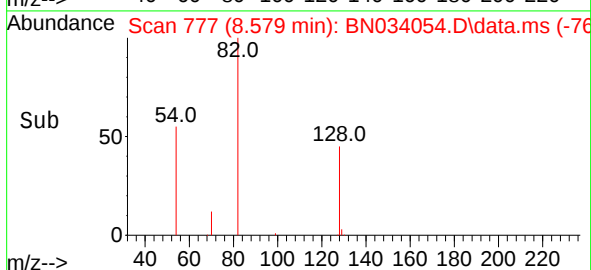
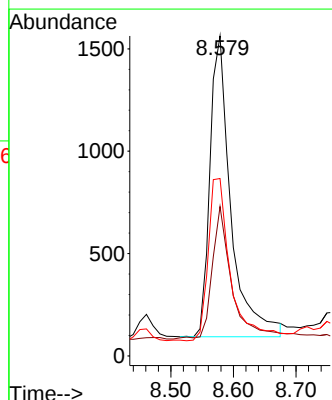
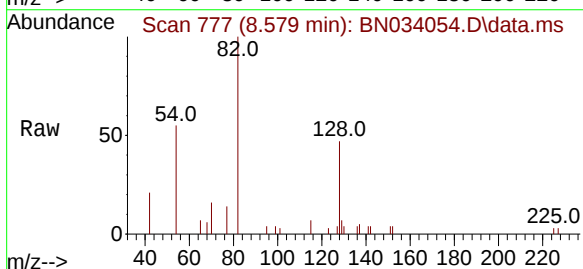
Tgt Ion: 82 Resp: 3415

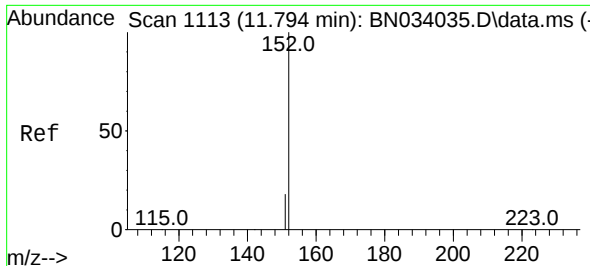
Ion Ratio Lower Upper

82 100

128 46.7 31.4 47.2

54 55.5 47.4 71.0





#11

2-Methylnaphthalene-d10

Concen: 0.038 ng

RT: 11.795 min Scan# 1113

Delta R.T. 0.001 min

Lab File: BN034054.D

Acq: 19 Sep 2024 17:40

Instrument :

BNA_N

ClientSampleId :

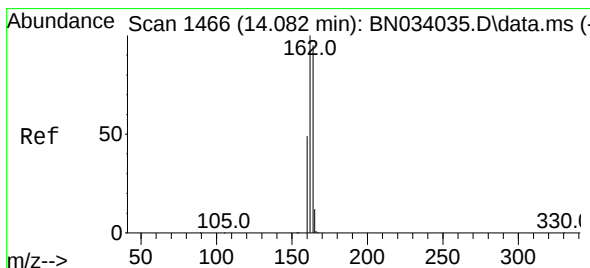
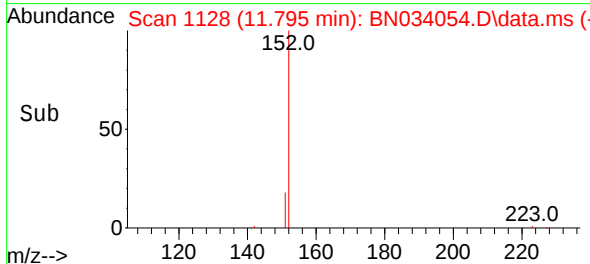
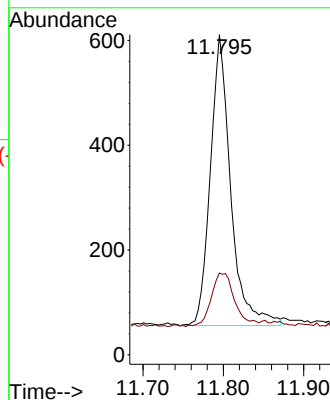
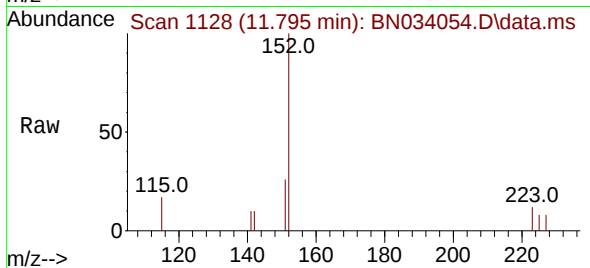
BPOW6-8-HYD-20240910

Tgt Ion:152 Resp: 976

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.083 min Scan# 1481

Delta R.T. 0.001 min

Lab File: BN034054.D

Acq: 19 Sep 2024 17:40

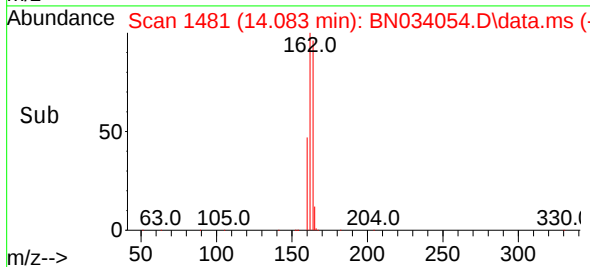
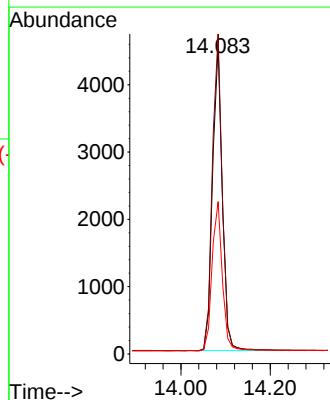
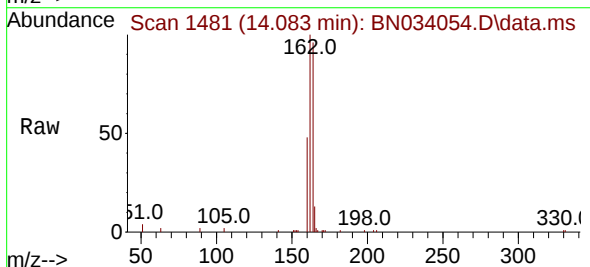
Tgt Ion:164 Resp: 6888

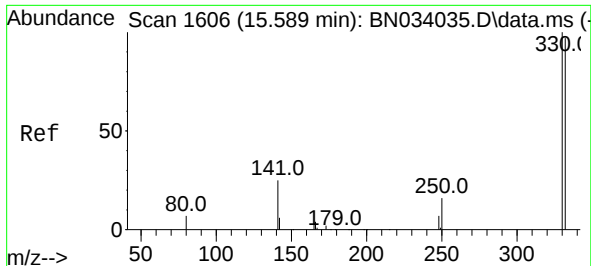
Ion Ratio Lower Upper

164 100

162 103.8 84.2 126.2

160 49.4 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.329 ng

RT: 15.592 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN034054.D

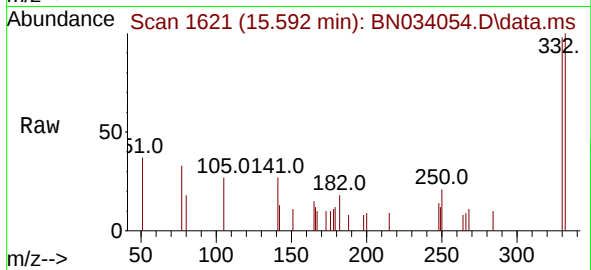
Acq: 19 Sep 2024 17:40

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BPOW6-8-HYD-20240910



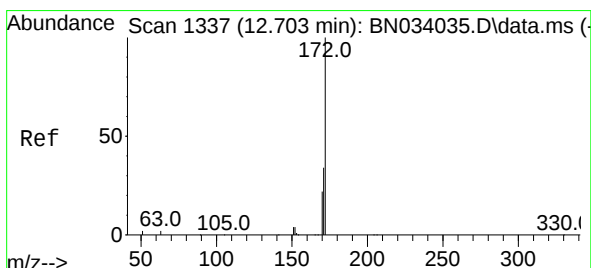
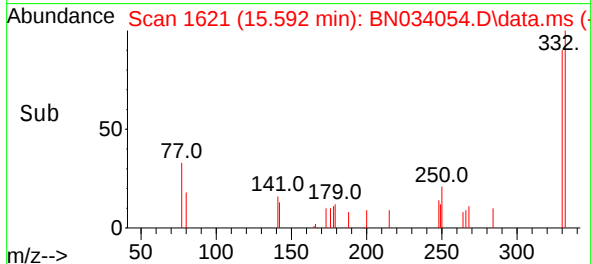
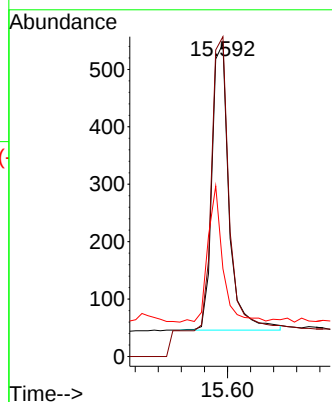
Tgt Ion:330 Resp: 1027

Ion Ratio Lower Upper

330 100

332 104.4 77.4 116.0

141 41.2 35.9 53.9



#15

2-Fluorobiphenyl

Concen: 0.291 ng

RT: 12.693 min Scan# 1351

Delta R.T. -0.009 min

Lab File: BN034054.D

Acq: 19 Sep 2024 17:40

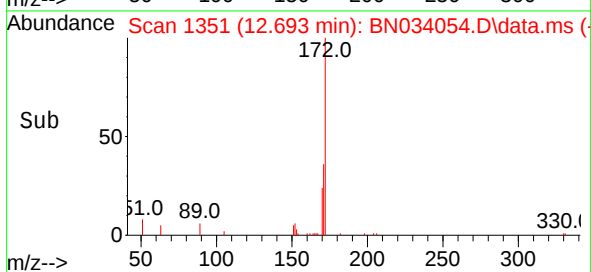
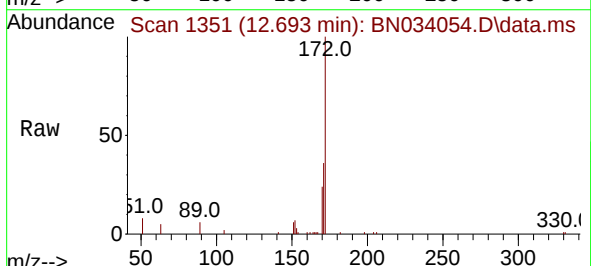
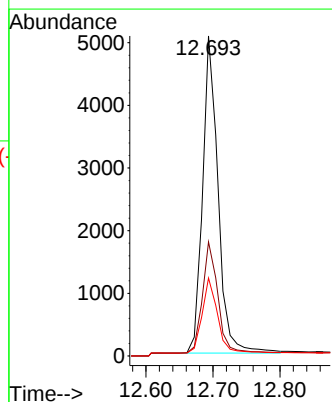
Tgt Ion:172 Resp: 8142

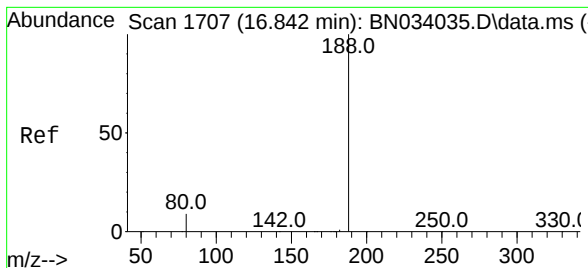
Ion Ratio Lower Upper

172 100

171 35.6 27.3 40.9

170 24.4 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 11

Delta R.T. -0.009 min

Lab File: BN034054.D

Acq: 19 Sep 2024 17:40

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-HYD-20240910

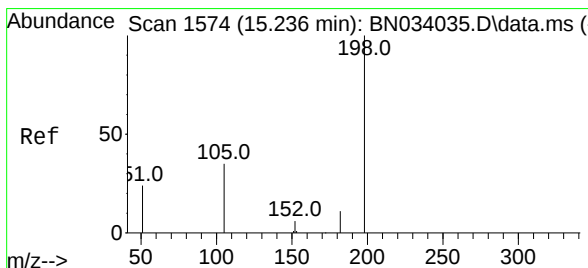
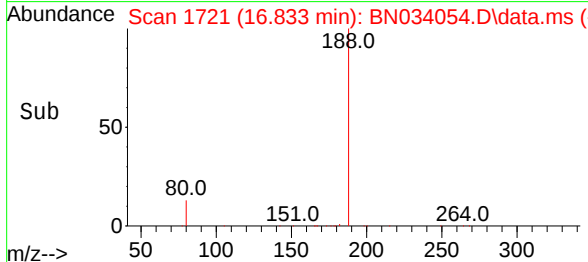
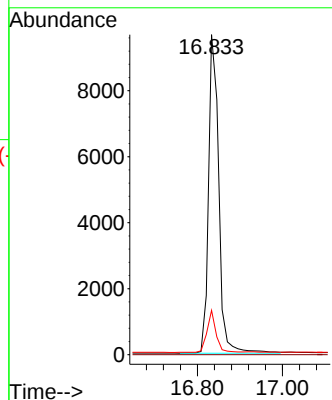
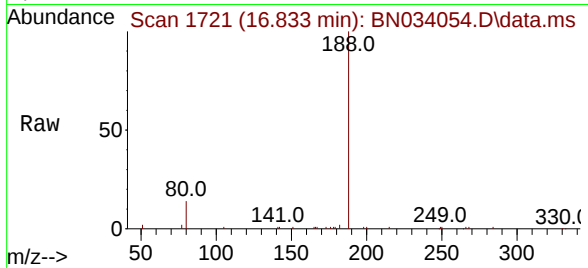
Tgt Ion:188 Resp: 16089

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.142 ng

RT: 15.227 min Scan# 1588

Delta R.T. -0.009 min

Lab File: BN034054.D

Acq: 19 Sep 2024 17:40

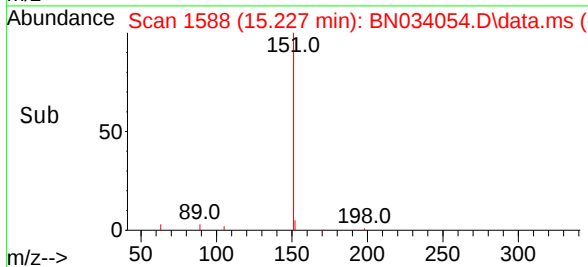
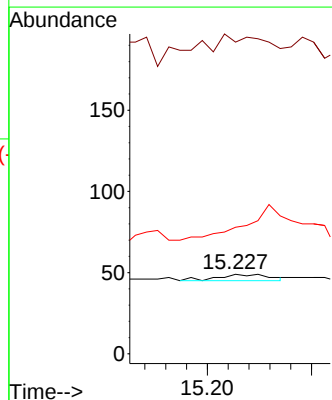
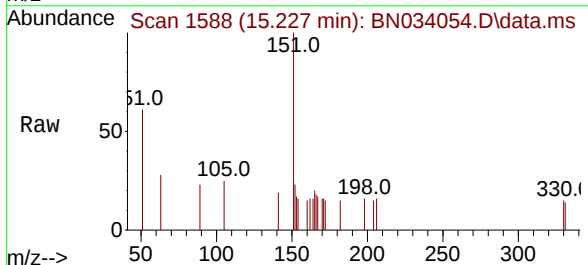
Tgt Ion:198 Resp: 13

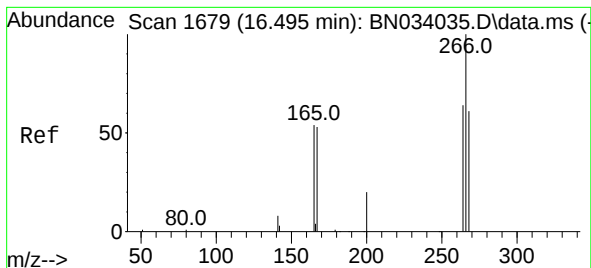
Ion Ratio Lower Upper

198 100

51 391.8 106.4 159.6#

105 159.2 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.034 ng

RT: 16.498 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN034054.D

Acq: 19 Sep 2024 17:40

Instrument :

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ClientSampleId :

BPOW6-8-HYD-20240910

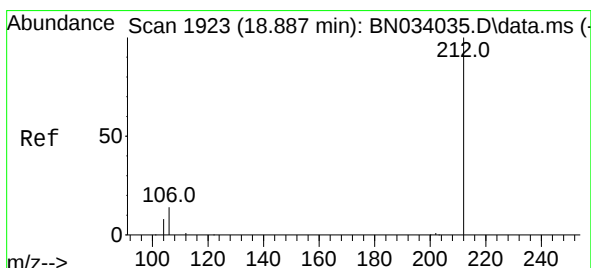
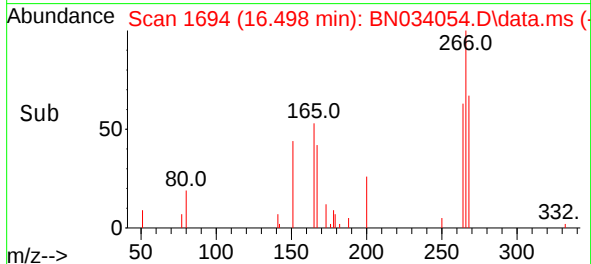
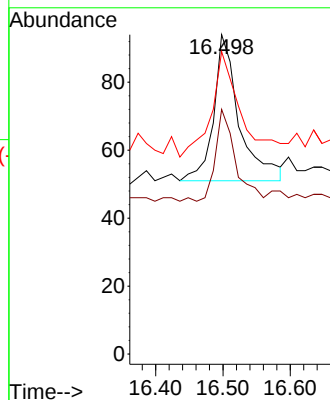
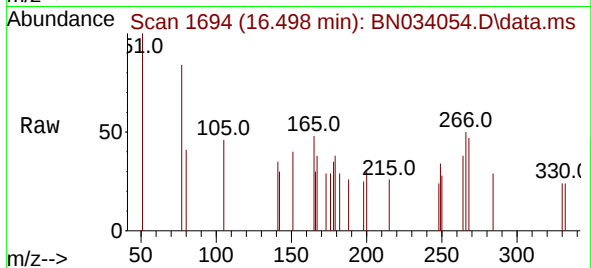
Tgt Ion:266 Resp: 114

Ion Ratio Lower Upper

266 100

264 49.1 50.2 75.2#

268 81.6 51.0 76.4#



#27

Fluoranthene-d10

Concen: 0.346 ng

RT: 18.885 min Scan# 1937

Delta R.T. -0.001 min

Lab File: BN034054.D

Acq: 19 Sep 2024 17:40

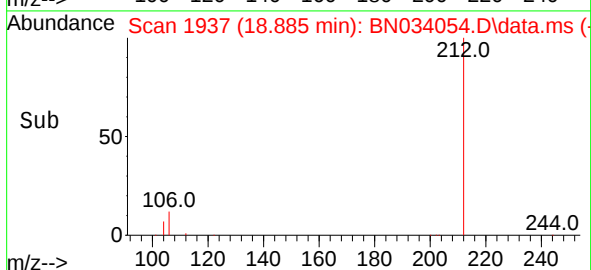
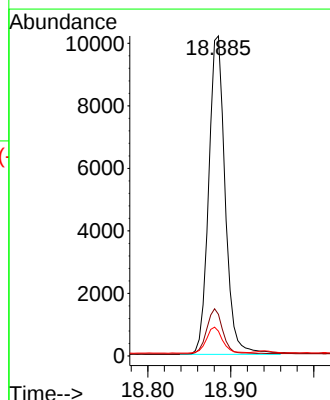
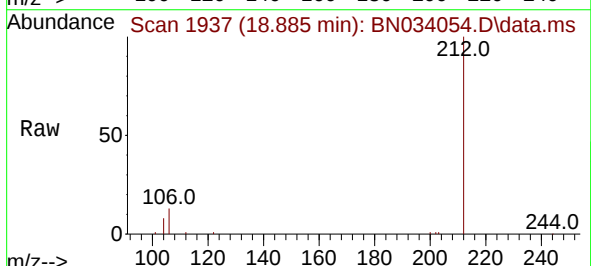
Tgt Ion:212 Resp: 14052

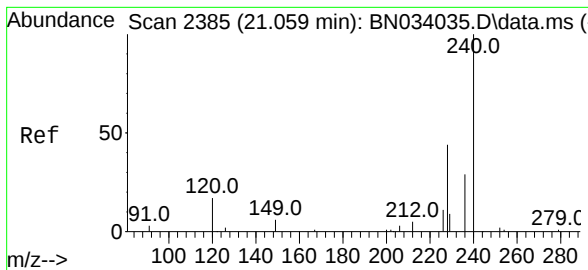
Ion Ratio Lower Upper

212 100

106 14.0 13.4 20.2

104 7.9 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.062 min Scan# 2400

Delta R.T. 0.003 min

Lab File: BN034054.D

Acq: 19 Sep 2024 17:40

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-HYD-20240910

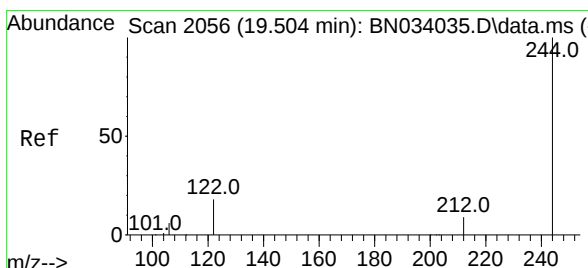
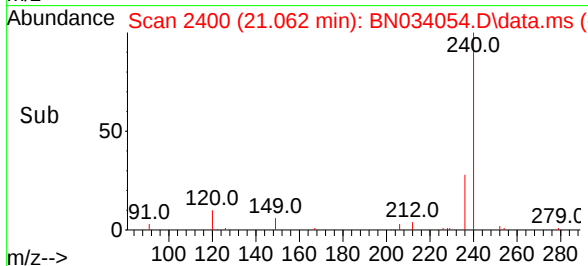
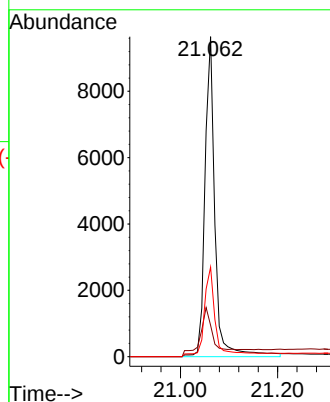
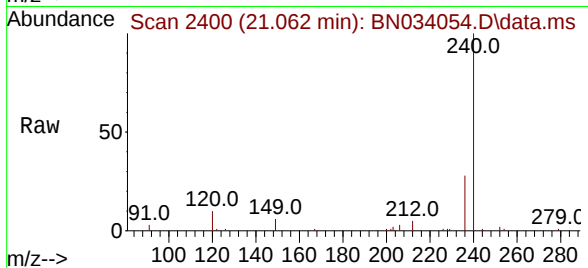
Tgt Ion:240 Resp: 13143

Ion Ratio Lower Upper

240 100

120 9.8 13.5 20.3#

236 28.0 23.4 35.0



#31

Terphenyl-d14

Concen: 0.472 ng

RT: 19.503 min Scan# 2070

Delta R.T. -0.001 min

Lab File: BN034054.D

Acq: 19 Sep 2024 17:40

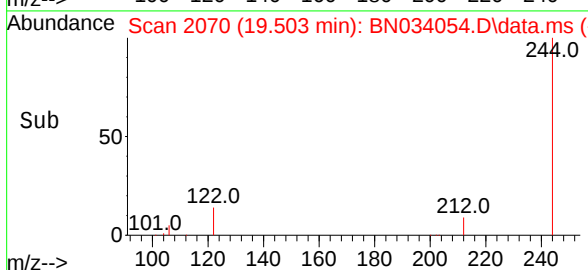
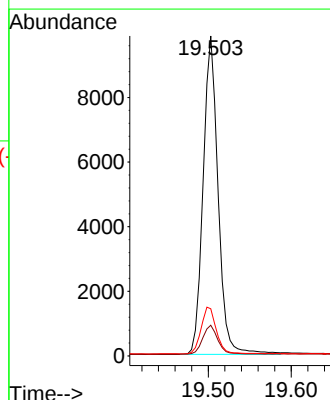
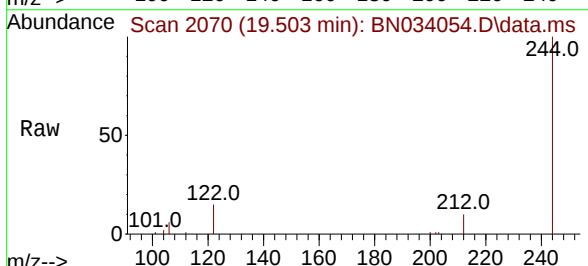
Tgt Ion:244 Resp: 12401

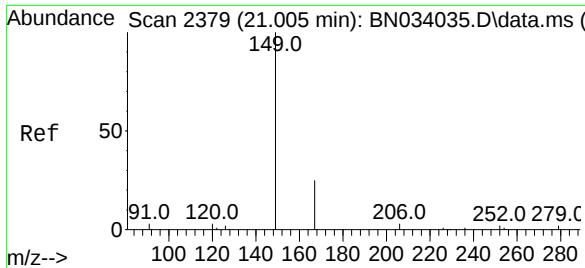
Ion Ratio Lower Upper

244 100

212 9.6 7.8 11.6

122 14.8 14.8 22.2#

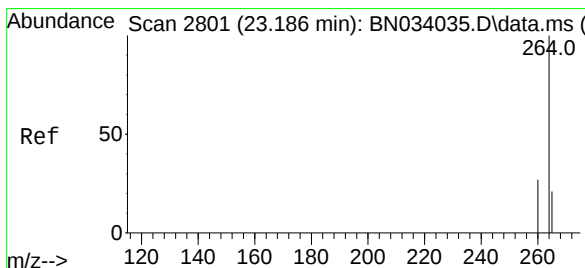
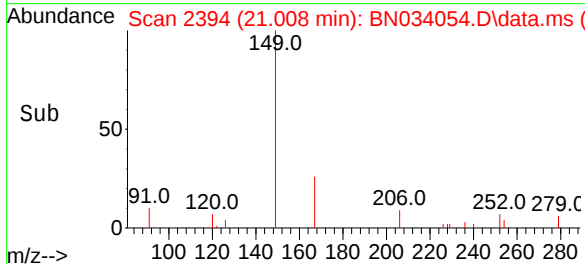
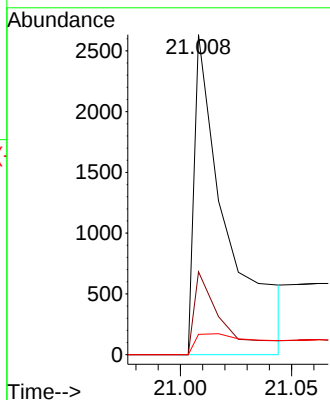
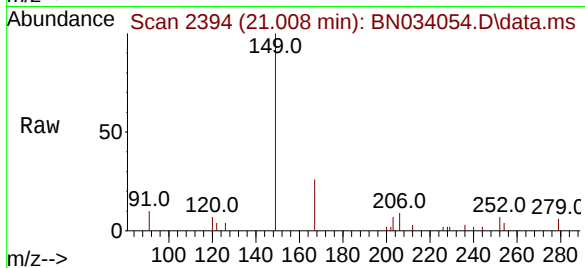




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.149 ng
 RT: 21.008 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN034054.D
 Acq: 19 Sep 2024 17:40

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-8-HYD-20240910

Tgt Ion:149 Resp: 2587
 Ion Ratio Lower Upper
 149 100
 167 23.6 19.9 29.9
 279 12.3 4.6 6.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.186 min Scan# 2817
 Delta R.T. 0.000 min
 Lab File: BN034054.D
 Acq: 19 Sep 2024 17:40

Tgt Ion:264 Resp: 11902
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.7 32.5
 265 64.0 52.1 78.1

