

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
 Data File : BN036316.D
 Acq On : 06 Feb 2025 02:34
 Operator : RC/JU
 Sample : Q1283-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB192-HYD-20250131

Quant Time: Feb 06 03:28:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 01:04:09 2025
 Response via : Initial Calibration

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

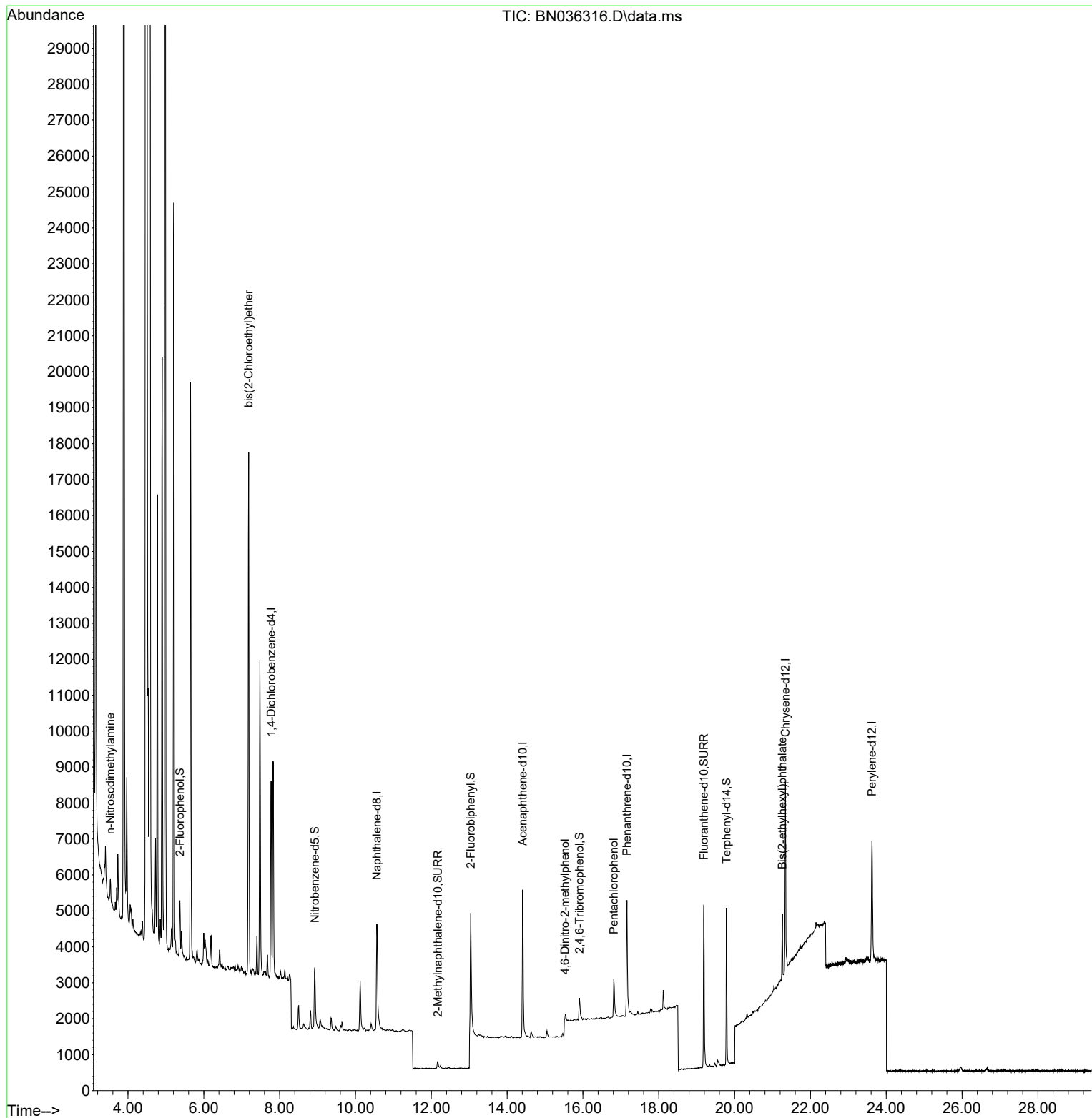
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2355	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5280	0.400	ng	# 0.00
13) Acenaphthene-d10	14.409	164	2768	0.400	ng	0.00
19) Phenanthrene-d10	17.161	188	5326	0.400	ng	# 0.00
29) Chrysene-d12	21.339	240	5009	0.400	ng	0.00
35) Perylene-d12	23.622	264	4931	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	760	0.124	ng	0.00
5) Phenol-d6	6.952	99	16	0.002	ng	0.00
8) Nitrobenzene-d5	8.929	82	1971	0.395	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	444	0.062	ng	0.02
14) 2,4,6-Tribromophenol	15.907	330	442	0.249	ng	0.00
15) 2-Fluorobiphenyl	13.040	172	4239	0.343	ng	0.00
27) Fluoranthene-d10	19.187	212	5656	0.410	ng	0.00
31) Terphenyl-d14	19.787	244	4494	0.432	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.535	42	744	0.156	ng	# 24
6) bis(2-Chloroethyl)ether	7.183	93	8390	1.449	ng	# 40
20) 4,6-Dinitro-2-methylph...	15.522	198	55	0.044	ng	# 1
24) Pentachlorophenol	16.813	266	722	0.334	ng	95
34) Bis(2-ethylhexyl)phtha...	21.259	149	1745	0.175	ng	100

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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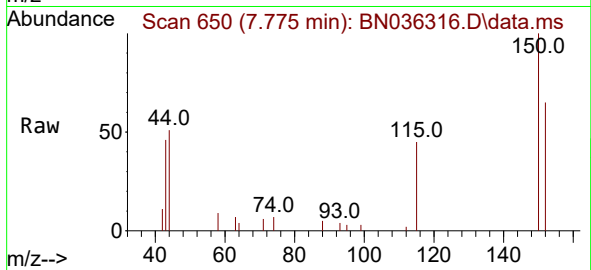
Quant Time: Feb 06 03:28:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
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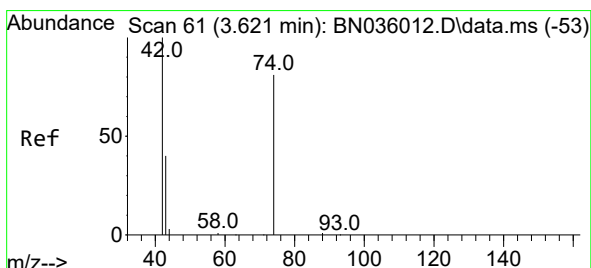
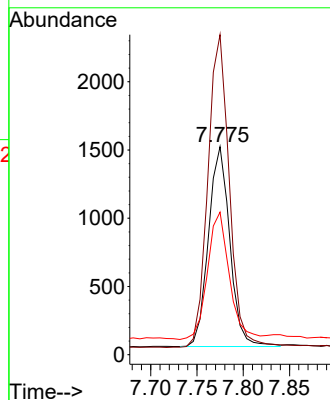
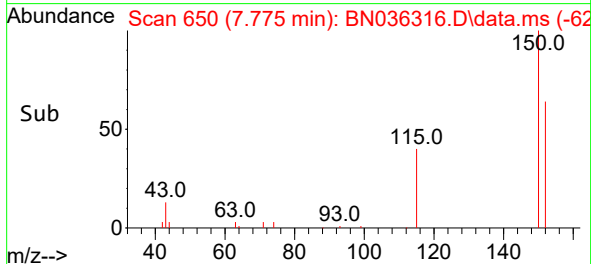


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN036316.D
Acq: 06 Feb 2025 02:34

Instrument :
BNA_N
ClientSampleId :
VPB192-HYD-20250131

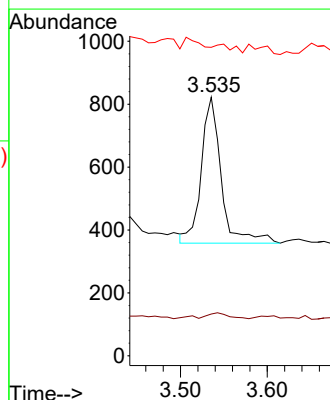
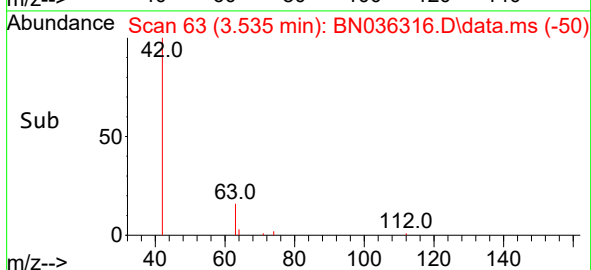
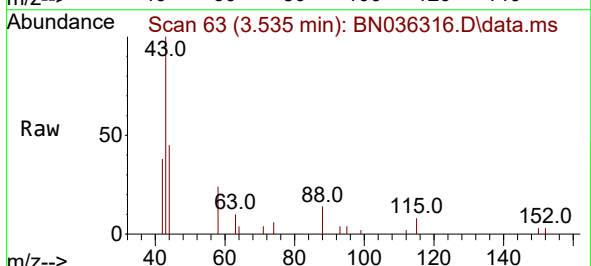


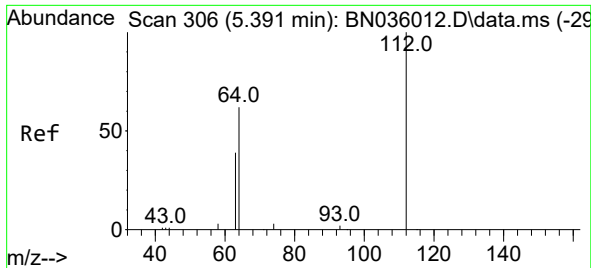
Tgt Ion:152 Resp: 2355
Ion Ratio Lower Upper
152 100
150 153.9 117.4 176.2
115 68.6 51.0 76.4



#3
n-Nitrosodimethylamine
Concen: 0.156 ng
RT: 3.535 min Scan# 63
Delta R.T. -0.058 min
Lab File: BN036316.D
Acq: 06 Feb 2025 02:34

Tgt Ion: 42 Resp: 744
Ion Ratio Lower Upper
42 100
74 4.0 58.1 87.1#
44 0.0 6.2 9.4#





#4

2-Fluorophenol

Concen: 0.124 ng

RT: 5.370 min Scan# 317

Delta R.T. 0.007 min

Lab File: BN036316.D

Acq: 06 Feb 2025 02:34

Instrument :

BNA_N

ClientSampleId :

VPB192-HYD-20250131

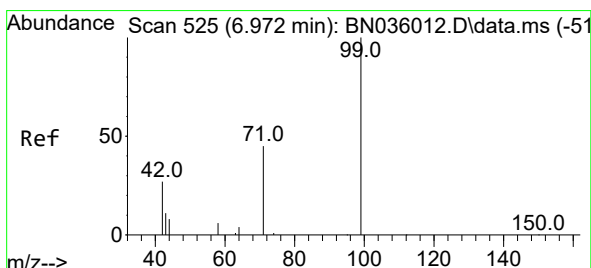
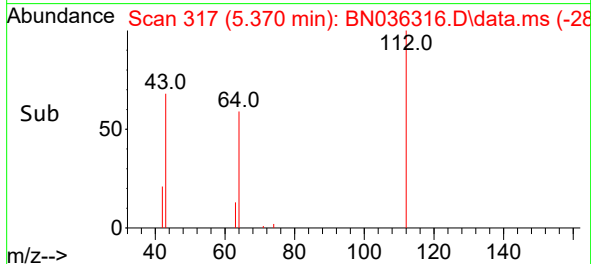
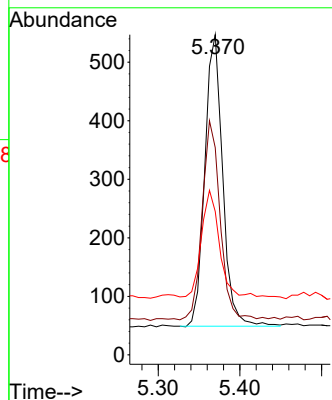
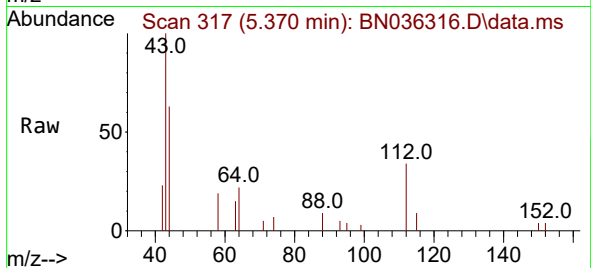
Tgt Ion:112 Resp: 760

Ion Ratio Lower Upper

112 100

64 67.6 50.0 75.0

63 39.9 30.7 46.1



#5

Phenol-d6

Concen: 0.002 ng

RT: 6.952 min Scan# 536

Delta R.T. -0.000 min

Lab File: BN036316.D

Acq: 06 Feb 2025 02:34

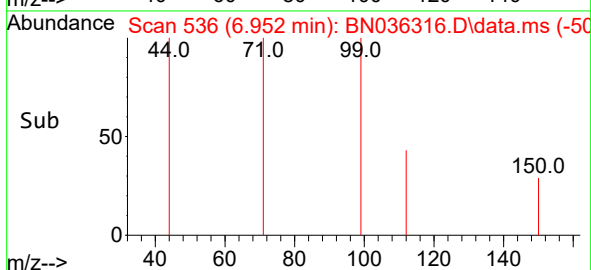
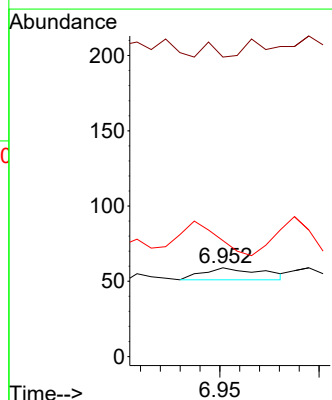
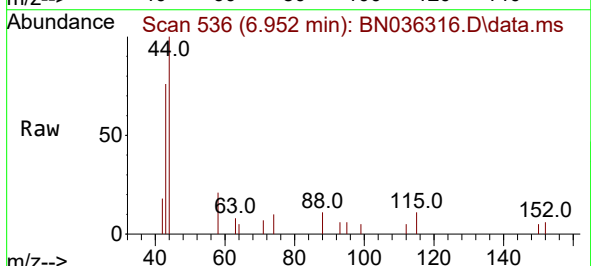
Tgt Ion: 99 Resp: 16

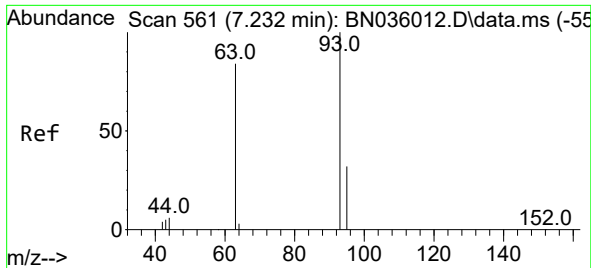
Ion Ratio Lower Upper

99 100

42 43.8 26.8 40.2#

71 0.0 36.6 55.0#

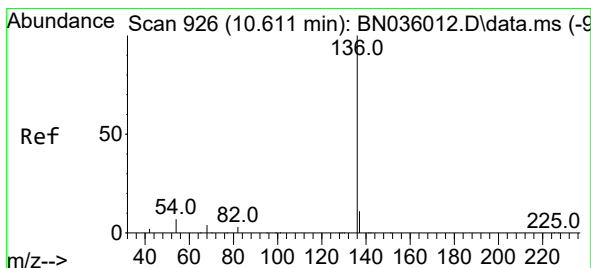
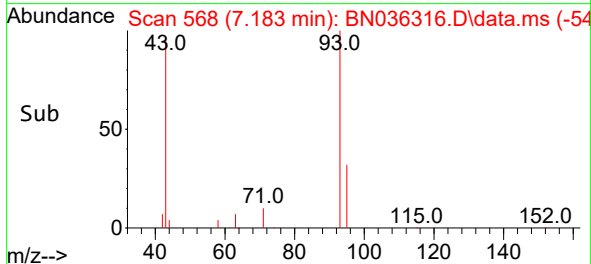
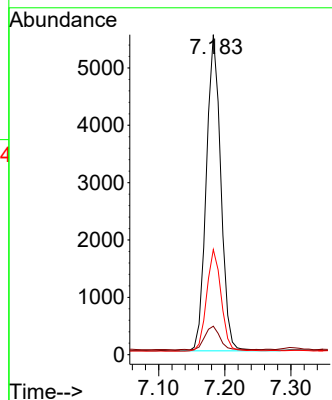
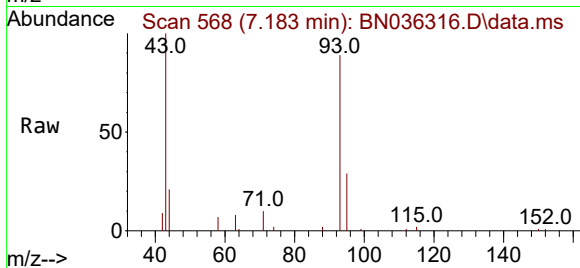




#6
bis(2-Chloroethyl)ether
Concen: 1.449 ng
RT: 7.183 min Scan# 50
Delta R.T. -0.015 min
Lab File: BN036316.D
Acq: 06 Feb 2025 02:34

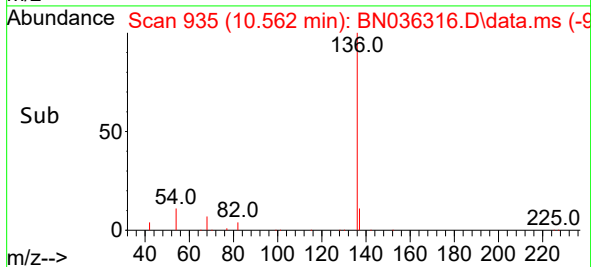
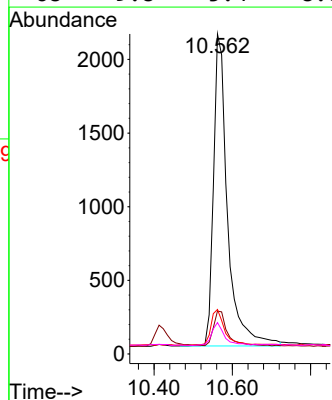
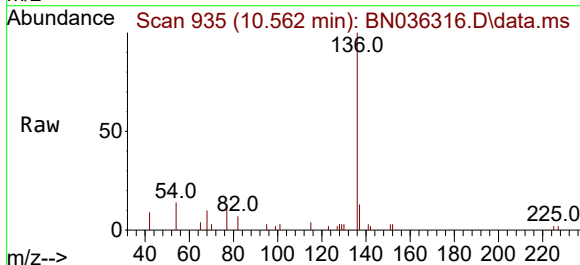
Instrument :
BNA_N
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VPB192-HYD-20250131

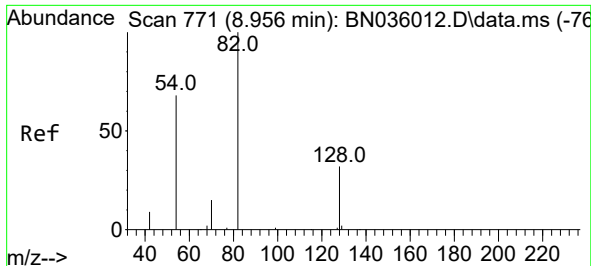
Tgt Ion: 93 Resp: 8390
Ion Ratio Lower Upper
93 100
63 7.8 65.8 98.6#
95 32.1 25.8 38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN036316.D
Acq: 06 Feb 2025 02:34

Tgt Ion:136 Resp: 5280
Ion Ratio Lower Upper
136 100
137 13.4 10.4 15.6
54 13.9 7.7 11.5#
68 9.8 5.4 8.0#

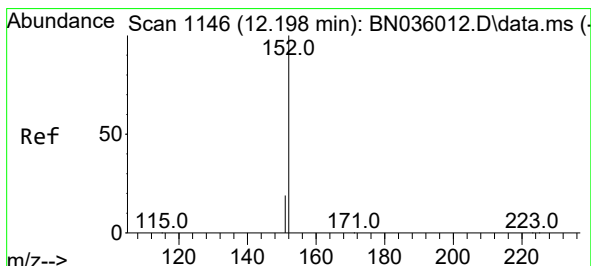
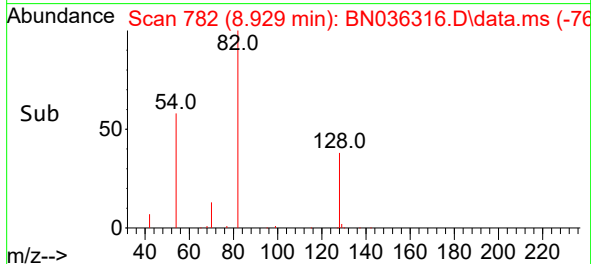
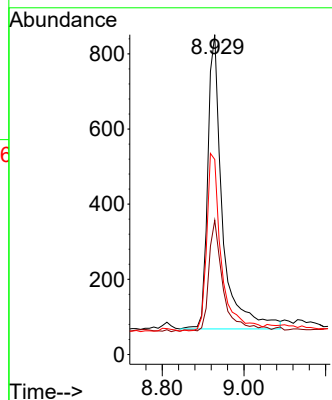
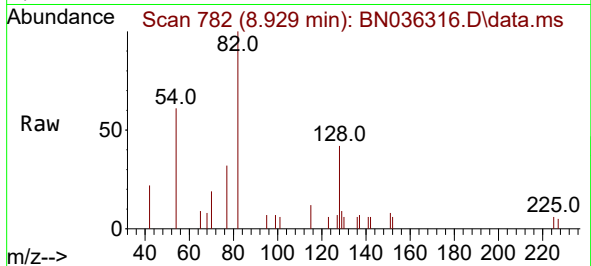




#8
 Nitrobenzene-d5
 Concen: 0.395 ng
 RT: 8.929 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN036316.D
 Acq: 06 Feb 2025 02:34

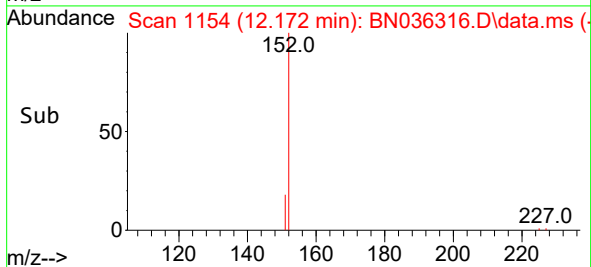
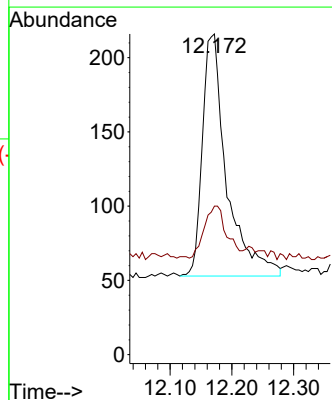
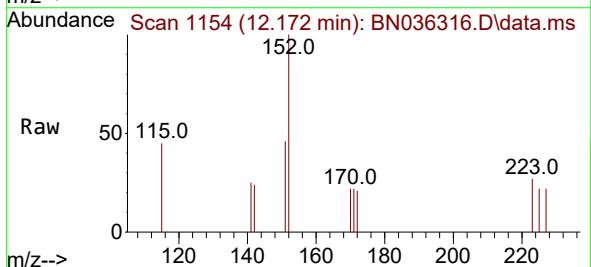
Instrument :
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 VPB192-HYD-20250131

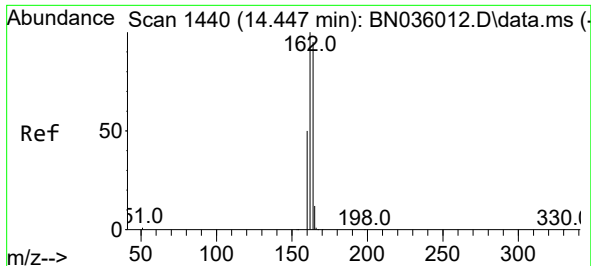
Tgt Ion: 82 Resp: 1971
 Ion Ratio Lower Upper
 82 100
 128 42.0 28.8 43.2
 54 61.0 55.8 83.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.062 ng
 RT: 12.172 min Scan# 1154
 Delta R.T. 0.015 min
 Lab File: BN036316.D
 Acq: 06 Feb 2025 02:34

Tgt Ion: 152 Resp: 444
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.6 25.0

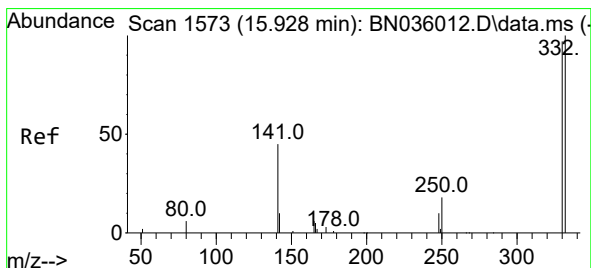
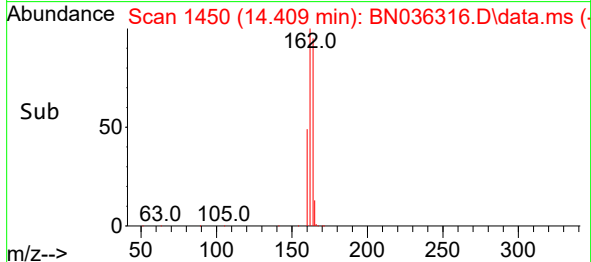
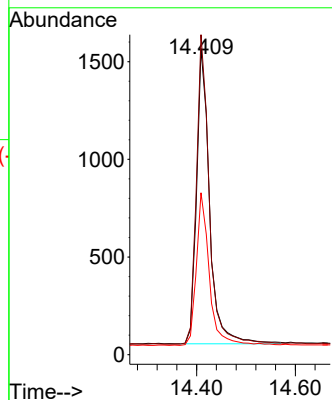
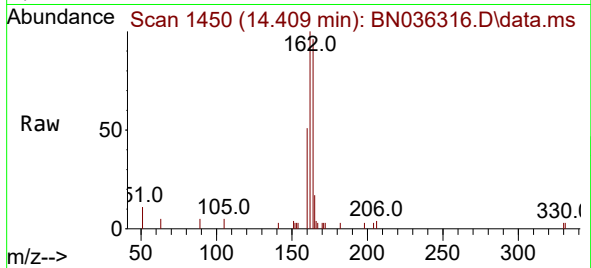




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.409 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036316.D
Acq: 06 Feb 2025 02:34

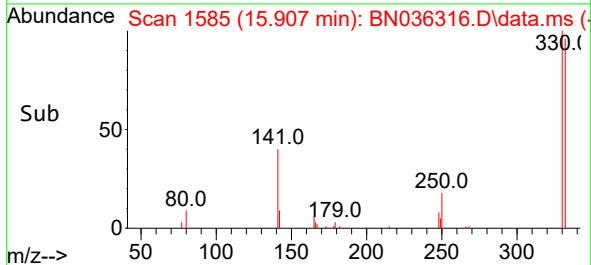
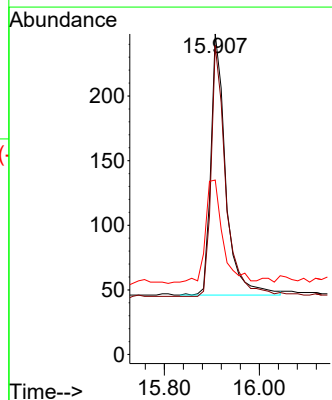
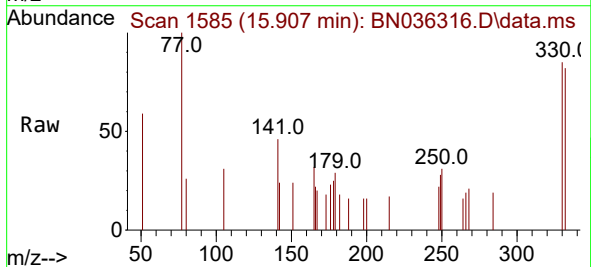
Instrument :
BNA_N
ClientSampleId :
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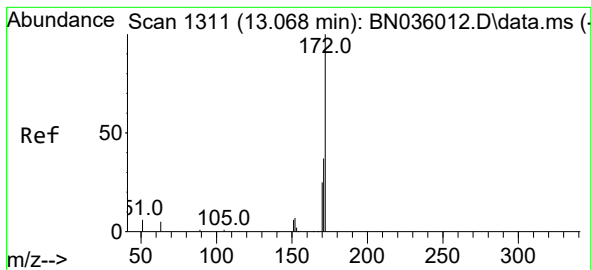
Tgt Ion:164 Resp: 2768
Ion Ratio Lower Upper
164 100
162 104.5 84.1 126.1
160 52.9 43.8 65.8



#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 15.907 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BN036316.D
Acq: 06 Feb 2025 02:34

Tgt Ion:330 Resp: 442
Ion Ratio Lower Upper
330 100
332 95.5 81.0 121.4
141 46.8 36.7 55.1





#15

2-Fluorobiphenyl

Concen: 0.343 ng

RT: 13.040 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN036316.D

Acq: 06 Feb 2025 02:34

Instrument :

BNA_N

ClientSampleId :

VPB192-HYD-20250131

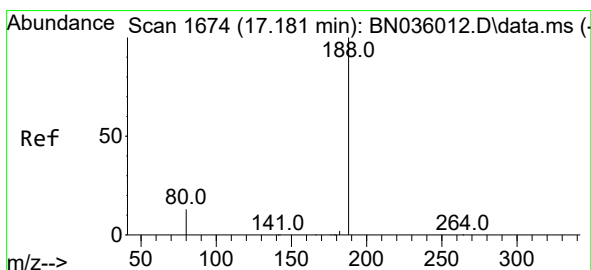
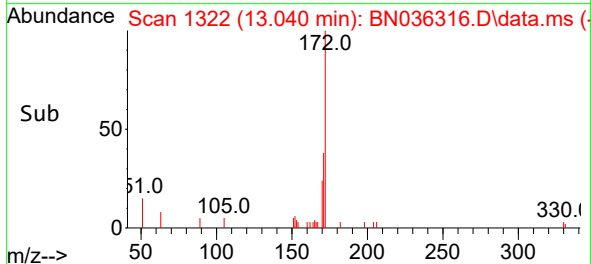
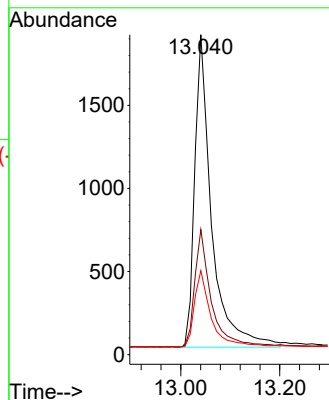
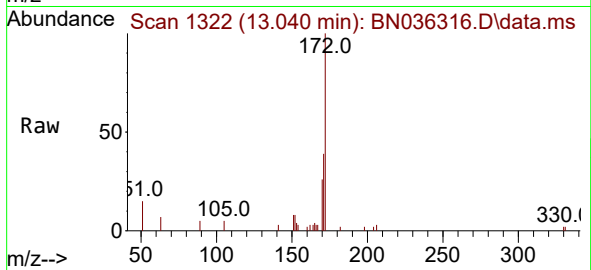
Tgt Ion:172 Resp: 4239

Ion Ratio Lower Upper

172 100

171 39.1 30.9 46.3

170 26.2 21.2 31.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.161 min Scan# 1686

Delta R.T. -0.000 min

Lab File: BN036316.D

Acq: 06 Feb 2025 02:34

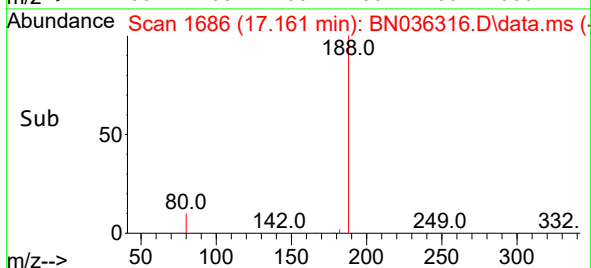
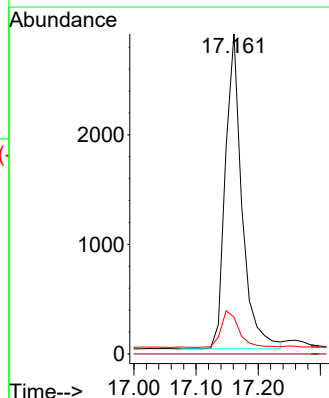
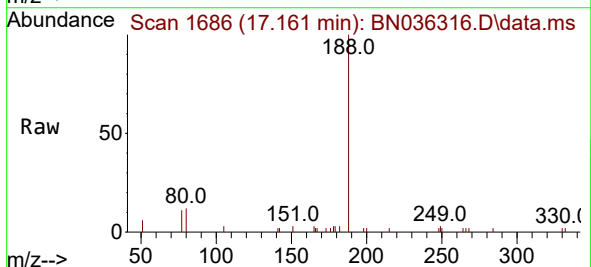
Tgt Ion:188 Resp: 5326

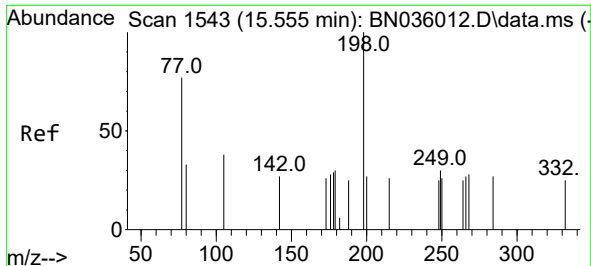
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.5 12.3 18.5#

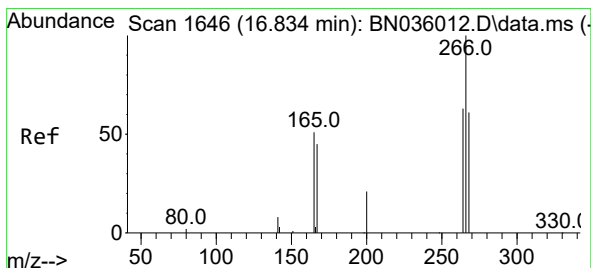
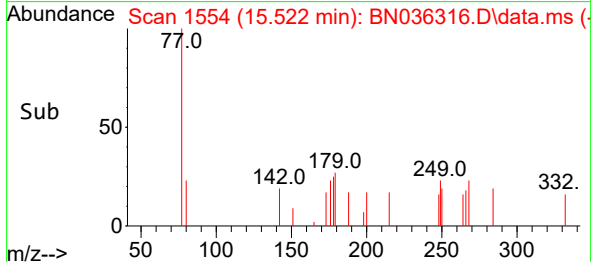
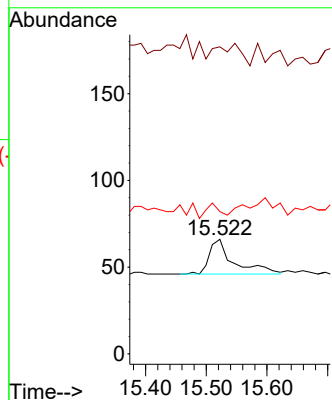
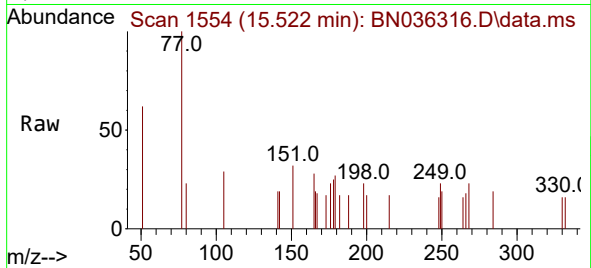




#20
4,6-Dinitro-2-methylphenol
Concen: 0.044 ng
RT: 15.522 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036316.D
Acq: 06 Feb 2025 02:34

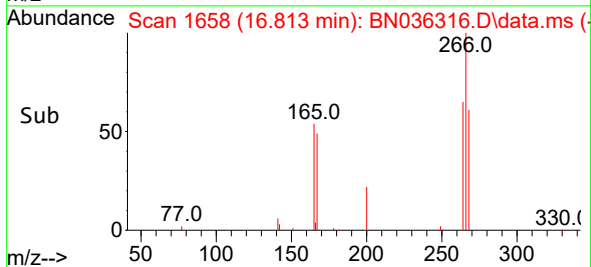
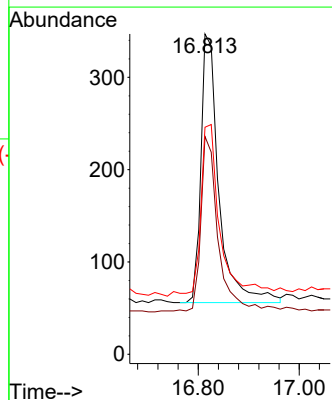
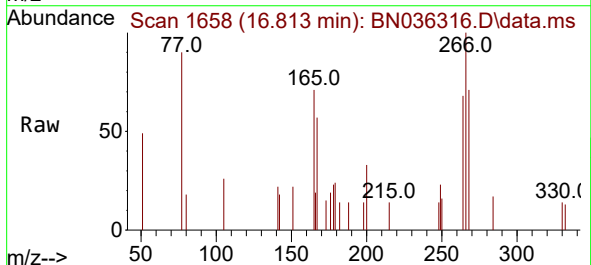
Instrument :
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VPB192-HYD-20250131

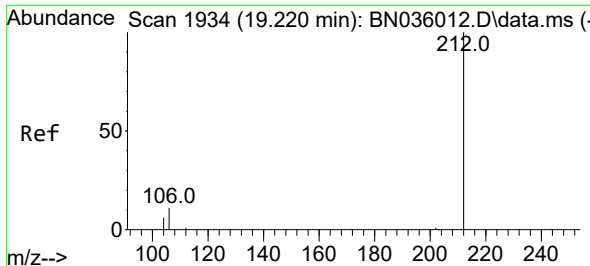
Tgt Ion:198 Resp: 55
Ion Ratio Lower Upper
198 100
51 268.2 68.1 102.1#
105 124.2 46.5 69.7#



#24
Pentachlorophenol
Concen: 0.334 ng
RT: 16.813 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BN036316.D
Acq: 06 Feb 2025 02:34

Tgt Ion:266 Resp: 722
Ion Ratio Lower Upper
266 100
264 64.1 48.2 72.2
268 69.0 51.6 77.4

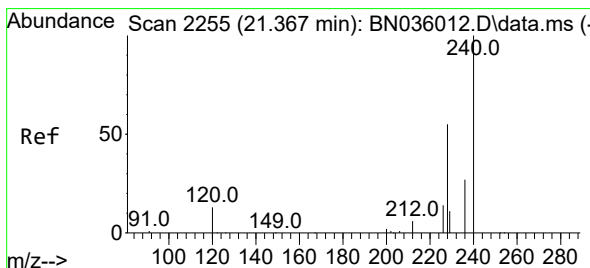
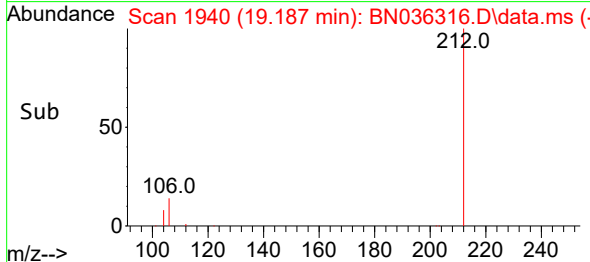
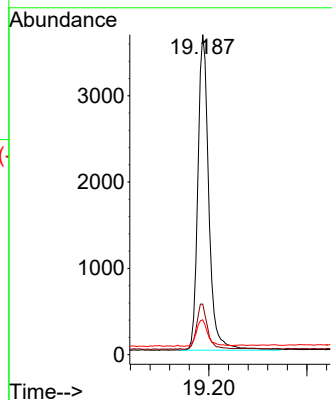
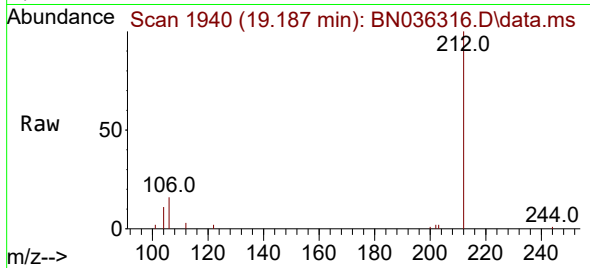




#27
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.187 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN036316.D
Acq: 06 Feb 2025 02:34

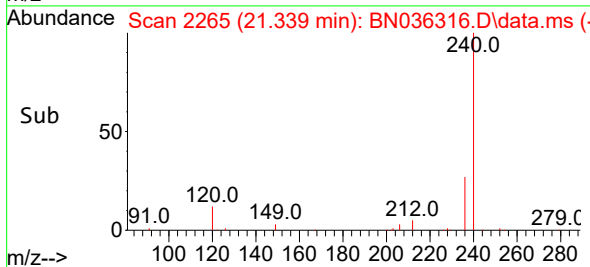
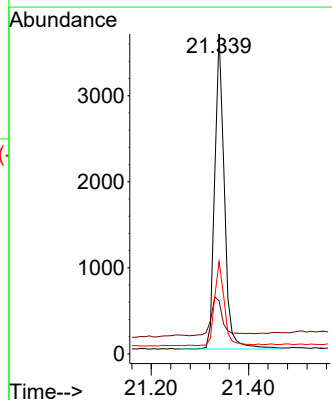
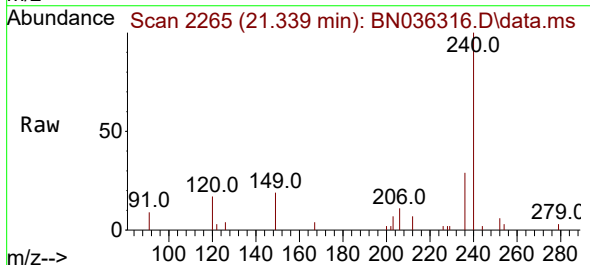
Instrument :
BNA_N
ClientSampleId :
VPB192-HYD-20250131

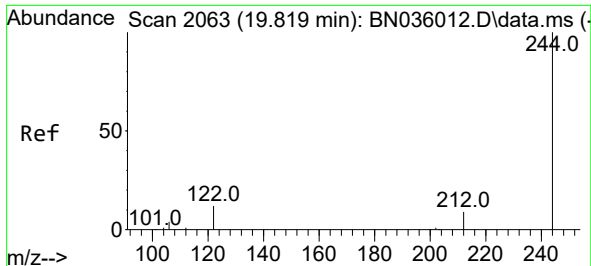
Tgt Ion:212 Resp: 5656
Ion Ratio Lower Upper
212 100
106 14.4 9.7 14.5
104 9.1 6.0 9.0#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.339 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BN036316.D
Acq: 06 Feb 2025 02:34

Tgt Ion:240 Resp: 5009
Ion Ratio Lower Upper
240 100
120 16.6 13.9 20.9
236 28.9 23.7 35.5

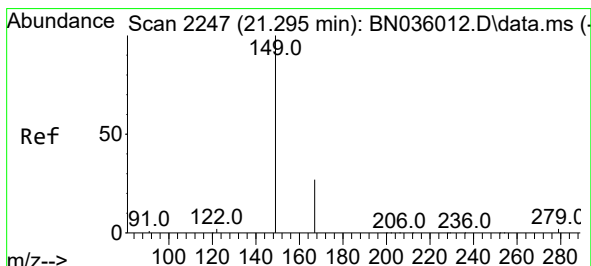
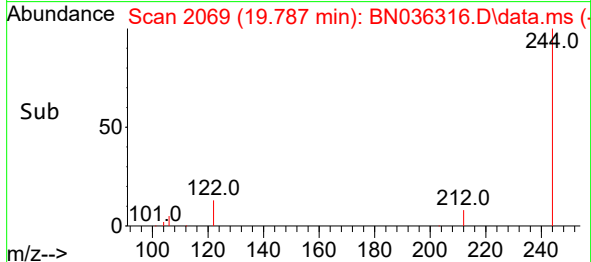
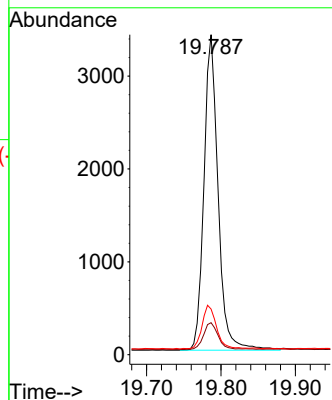
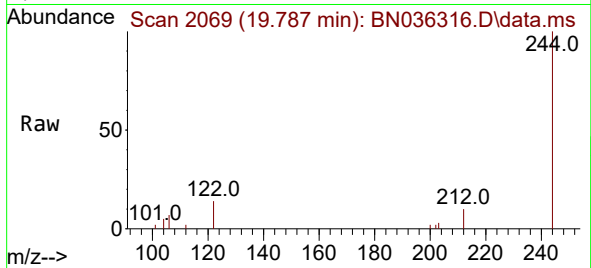




#31
 Terphenyl-d14
 Concen: 0.432 ng
 RT: 19.787 min Scan# 2069
 Delta R.T. -0.005 min
 Lab File: BN036316.D
 Acq: 06 Feb 2025 02:34

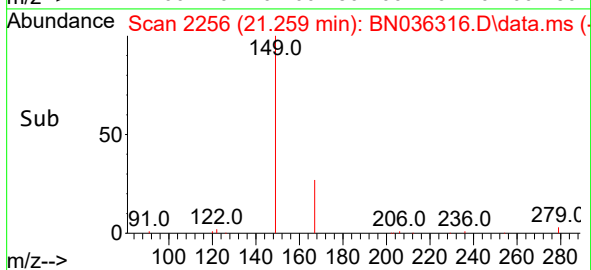
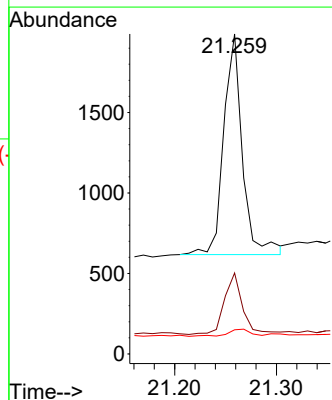
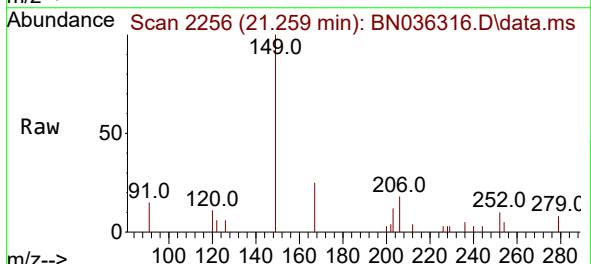
Instrument :
 BNA_N
 ClientSampleId :
 VPB192-HYD-20250131

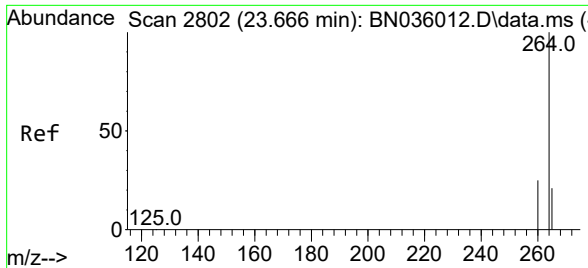
Tgt Ion:244 Resp: 4494
 Ion Ratio Lower Upper
 244 100
 212 10.0 9.1 13.7
 122 14.2 11.3 16.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.175 ng
 RT: 21.259 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: BN036316.D
 Acq: 06 Feb 2025 02:34

Tgt Ion:149 Resp: 1745
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.9 32.9
 279 4.0 3.0 4.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.622 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN036316.D
 Acq: 06 Feb 2025 02:34

Instrument :
 BNA_N
 ClientSampleId :
 VPB192-HYD-20250131

Tgt Ion:264	Resp:	4931
Ion	Ratio	Lower Upper
264	100	
260	25.9	21.8 32.6
265	114.4	56.6 84.8#

