

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
 Data File : BN036306.D
 Acq On : 05 Feb 2025 20:35
 Operator : RC/JU
 Sample : Q1173-06RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB192-HYD-20250122RE

Quant Time: Feb 06 01:06:05 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)

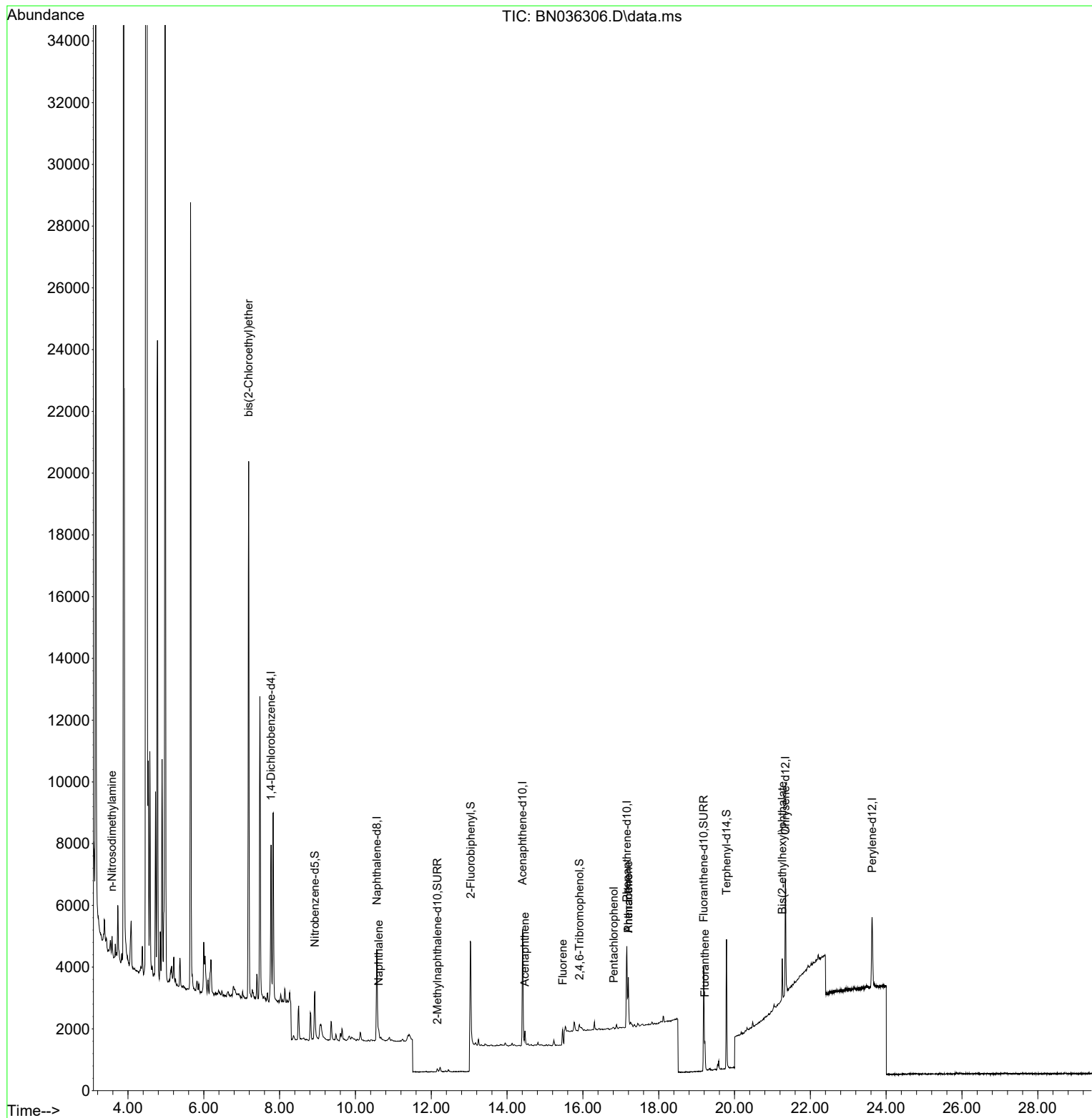
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2111	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	4569	0.400	ng	# 0.00
13) Acenaphthene-d10	14.409	164	2296	0.400	ng	0.00
19) Phenanthrene-d10	17.161	188	4463	0.400	ng	# 0.00
29) Chrysene-d12	21.340	240	3799	0.400	ng	# 0.00
35) Perylene-d12	23.628	264	3362	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	104	0.019	ng	0.00
5) Phenol-d6	6.959	99	26	0.004	ng	0.00
8) Nitrobenzene-d5	8.929	82	1612	0.374	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	198	0.032	ng	0.00
14) 2,4,6-Tribromophenol	15.907	330	104	0.071	ng	0.00
15) 2-Fluorobiphenyl	13.041	172	3370	0.329	ng	0.00
27) Fluoranthene-d10	19.188	212	4073	0.352	ng	0.00
31) Terphenyl-d14	19.787	244	4262	0.540	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.579	42	93	0.022	ng	# 20
6) bis(2-Chloroethyl)ether	7.183	93	9894	1.906	ng	# 41
9) Naphthalene	10.616	128	377	0.028	ng	# 53
17) Acenaphthene	14.473	154	235	0.032	ng	97
18) Fluorene	15.467	166	430	0.046	ng	# 98
24) Pentachlorophenol	16.813	266	50	0.028	ng	# 38
25) Phenanthrene	17.198	178	1709	0.127	ng	100
26) Anthracene	17.198	178	1709	0.140	ng	99
28) Fluoranthene	19.220	202	646	0.041	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.259	149	1330	0.176	ng	96

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

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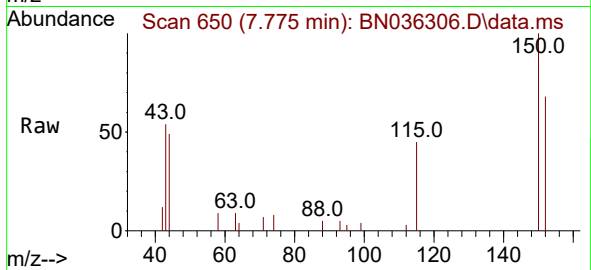
Quant Time: Feb 06 01:06:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
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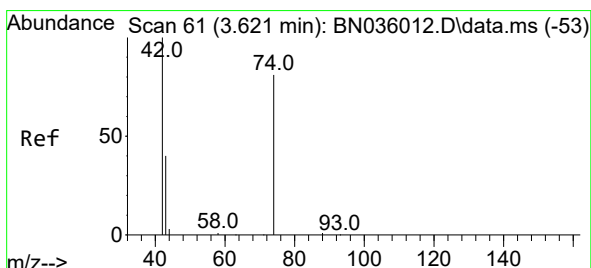
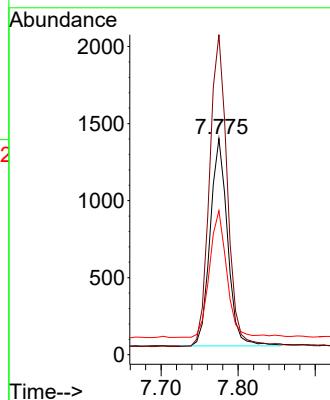
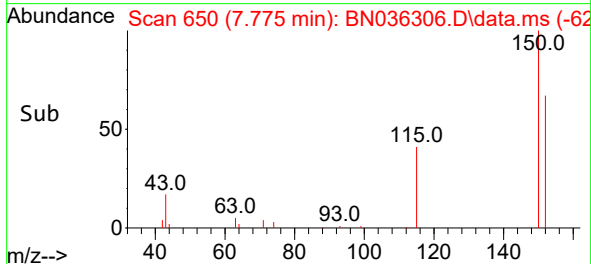


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

Instrument :
BNA_N
ClientSampleId :
VPB192-HYD-20250122RE

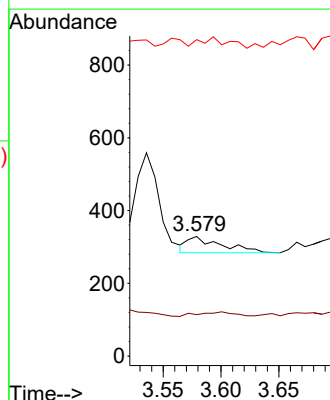
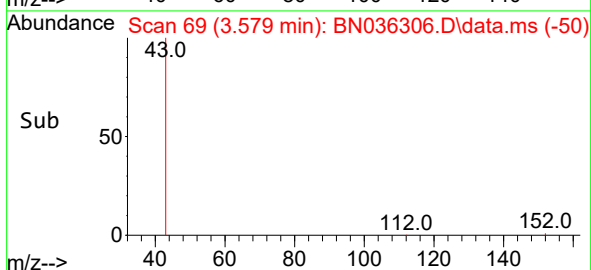
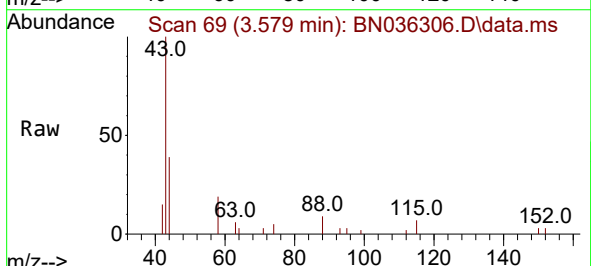


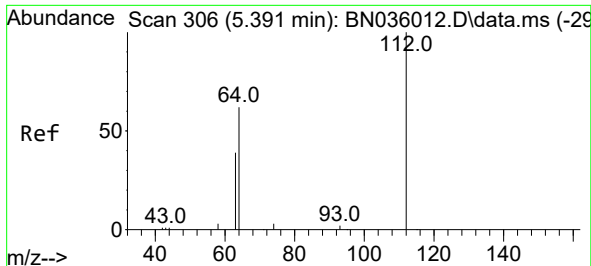
Tgt Ion:152 Resp: 2111
Ion Ratio Lower Upper
152 100
150 148.0 117.4 176.2
115 66.6 51.0 76.4



#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.579 min Scan# 69
Delta R.T. -0.014 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

Tgt Ion: 42 Resp: 93
Ion Ratio Lower Upper
42 100
74 0.0 58.1 87.1#
44 0.0 6.2 9.4#

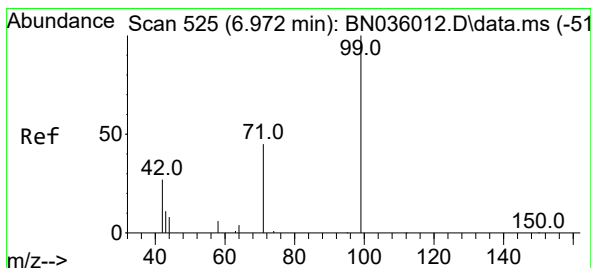
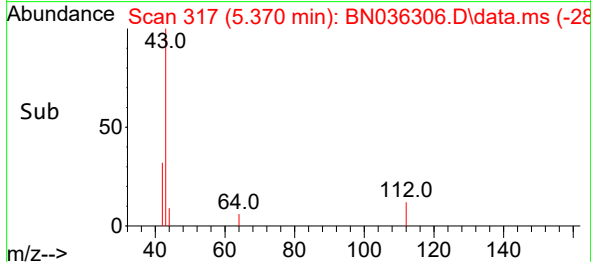
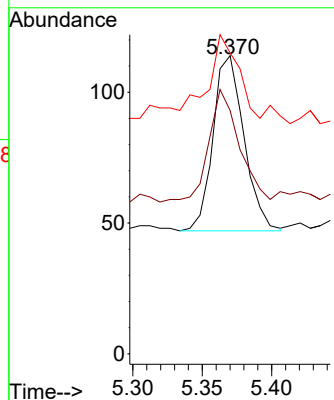
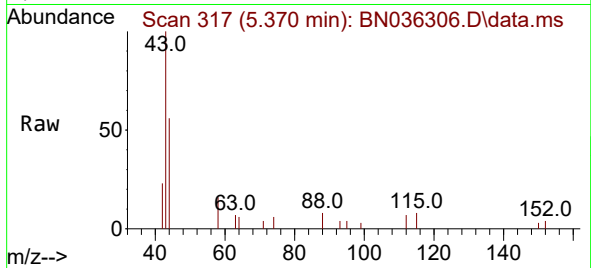




#4
2-Fluorophenol
Concen: 0.019 ng
RT: 5.370 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

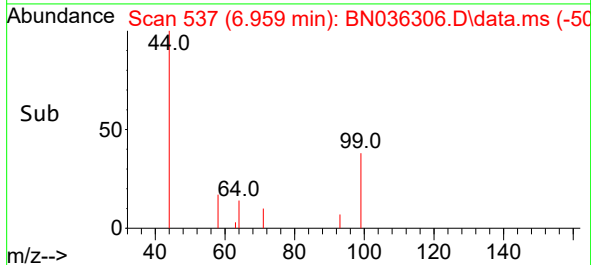
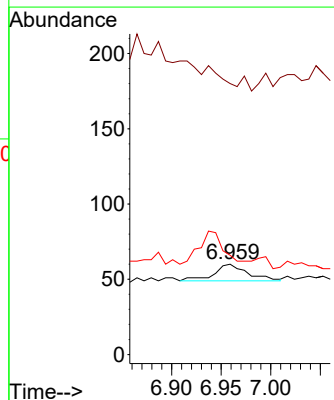
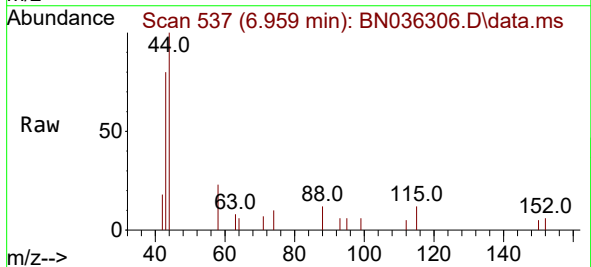
Instrument :
BNA_N
ClientSampleId :
VPB192-HYD-20250122RE

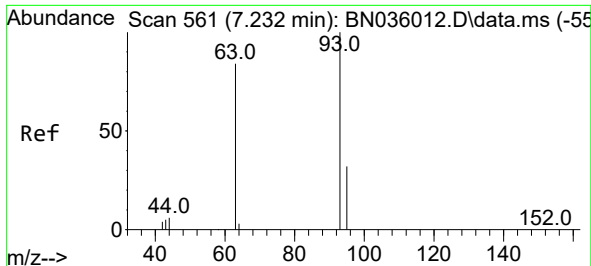
Tgt Ion:112 Resp: 104
Ion Ratio Lower Upper
112 100
64 60.6 50.0 75.0
63 52.9 30.7 46.1#



#5
Phenol-d6
Concen: 0.004 ng
RT: 6.959 min Scan# 537
Delta R.T. 0.007 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

Tgt Ion: 99 Resp: 26
Ion Ratio Lower Upper
99 100
42 0.0 26.8 40.2#
71 0.0 36.6 55.0#

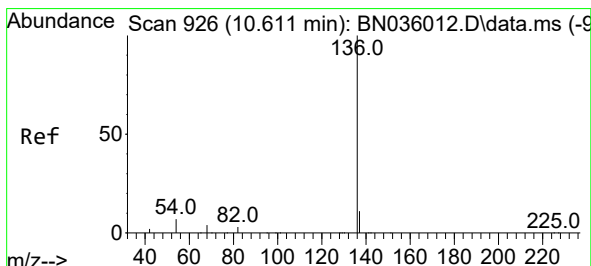
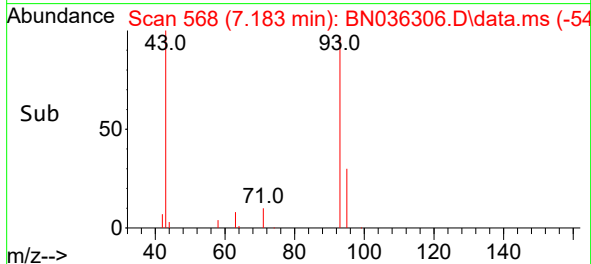
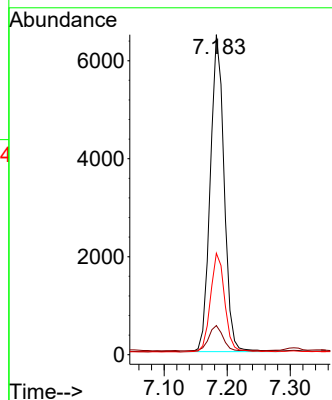
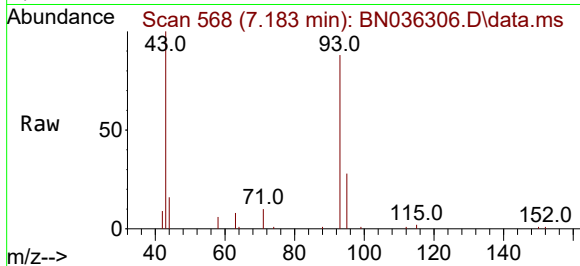




#6
bis(2-Chloroethyl)ether
Concen: 1.906 ng
RT: 7.183 min Scan# 501
Delta R.T. -0.014 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

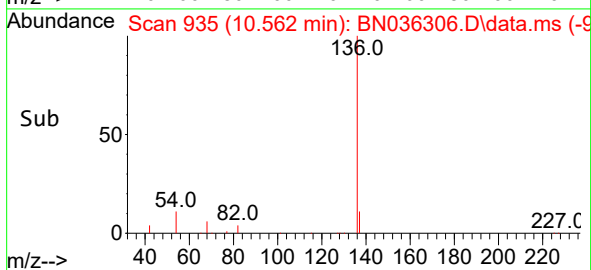
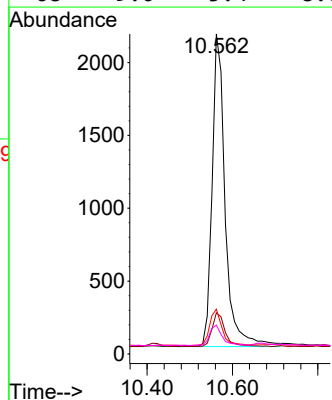
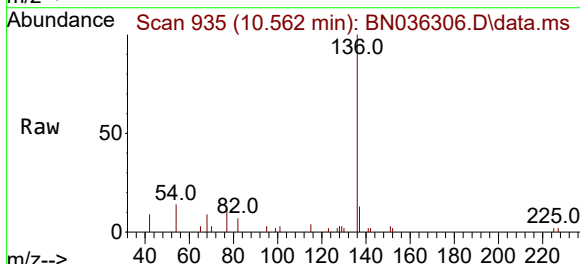
Instrument :
BNA_N
ClientSampleId :
VPB192-HYD-20250122RE

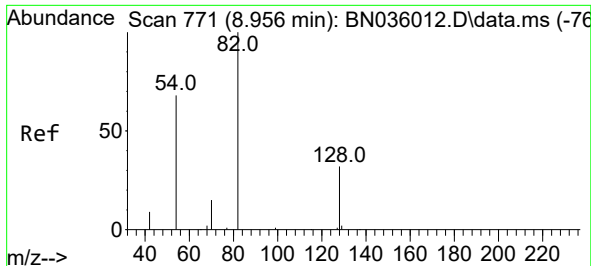
Tgt Ion: 93 Resp: 9894
Ion Ratio Lower Upper
93 100
63 8.2 65.8 98.6#
95 32.0 25.8 38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

Tgt Ion:136 Resp: 4569
Ion Ratio Lower Upper
136 100
137 12.8 10.4 15.6
54 14.0 7.7 11.5#
68 9.0 5.4 8.0#

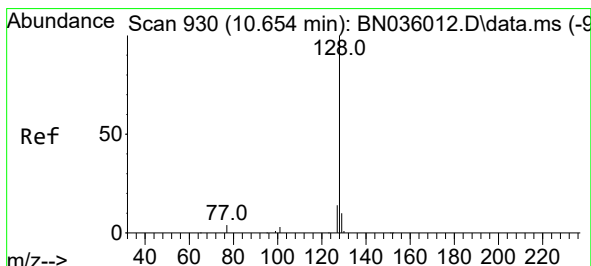
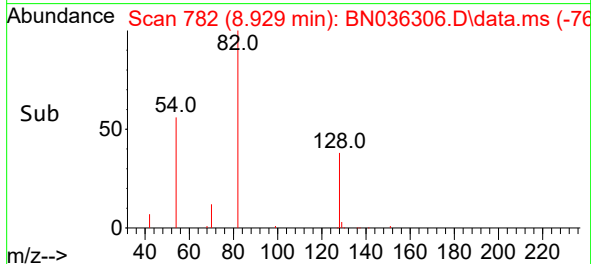
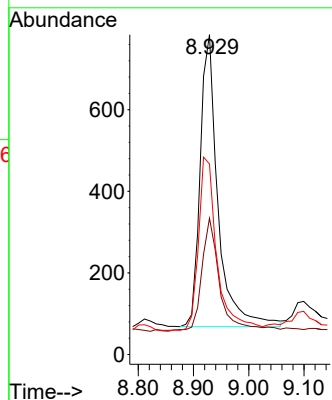
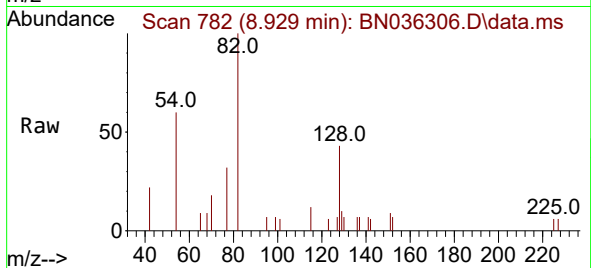




#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.929 min Scan# 771
Delta R.T. -0.000 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

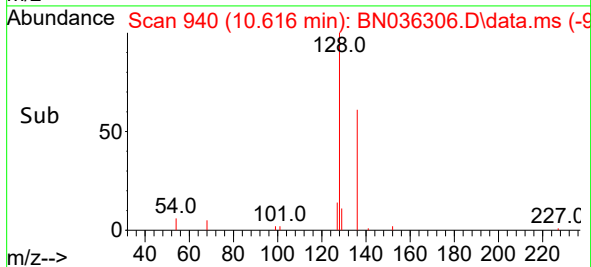
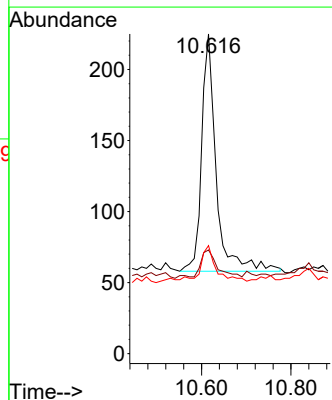
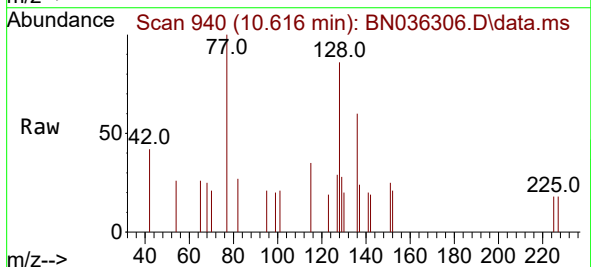
Instrument :
BNA_N
ClientSampleId :
VPB192-HYD-20250122RE

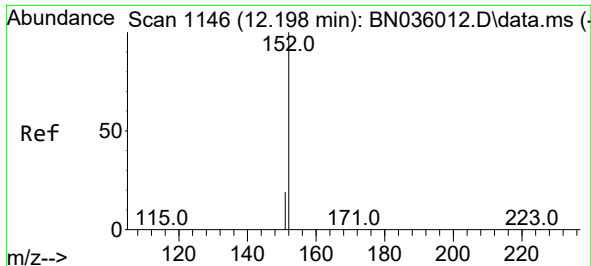
Tgt Ion: 82 Resp: 1612
Ion Ratio Lower Upper
82 100
128 42.6 28.8 43.2
54 59.6 55.8 83.8



#9
Naphthalene
Concen: 0.028 ng
RT: 10.616 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

Tgt Ion: 128 Resp: 377
Ion Ratio Lower Upper
128 100
129 32.4 9.4 14.2#
127 33.8 12.6 19.0#

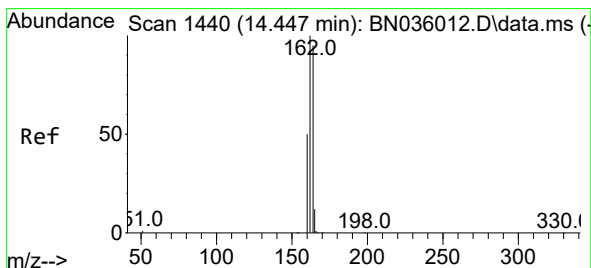
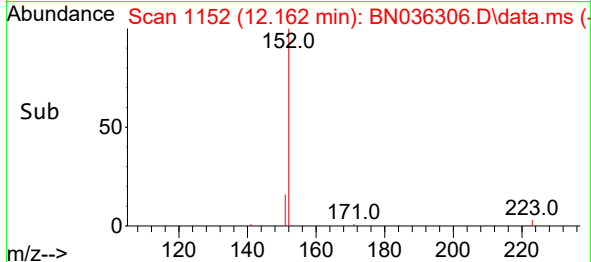
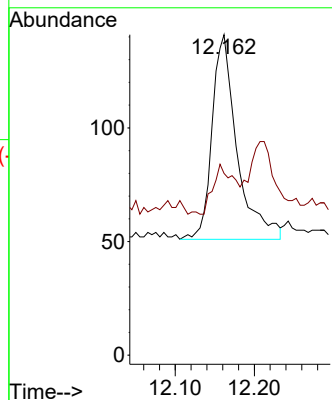
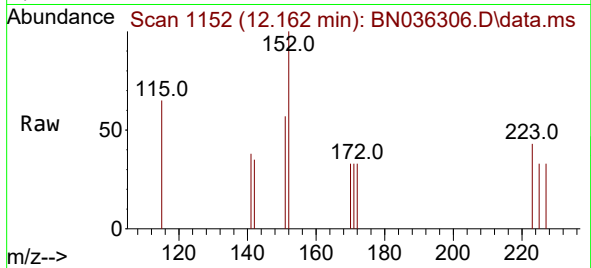




#11
2-Methylnaphthalene-d10
Concen: 0.032 ng
RT: 12.162 min Scan# 1152
Delta R.T. 0.005 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

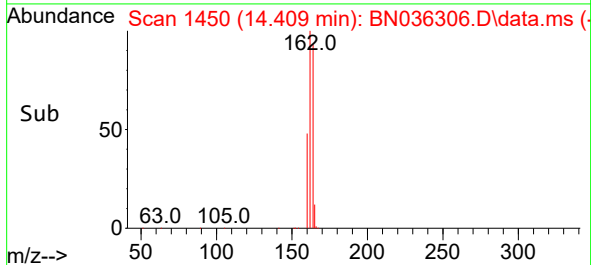
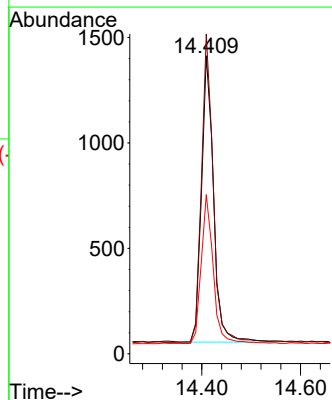
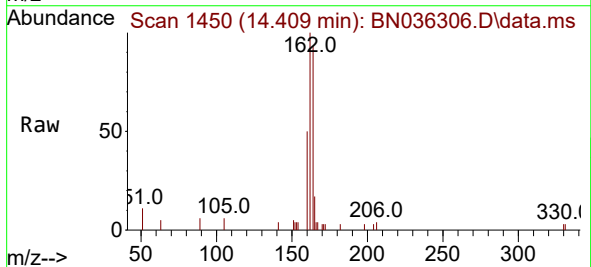
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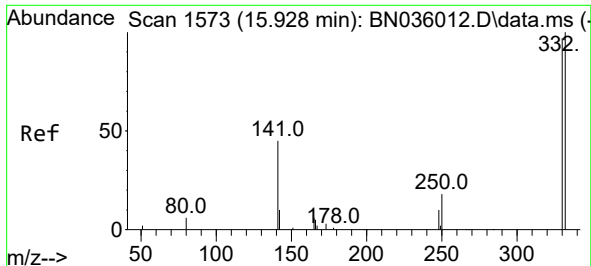
Tgt Ion:152 Resp: 198
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.409 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

Tgt Ion:164 Resp: 2296
Ion Ratio Lower Upper
164 100
162 107.3 84.1 126.1
160 53.4 43.8 65.8

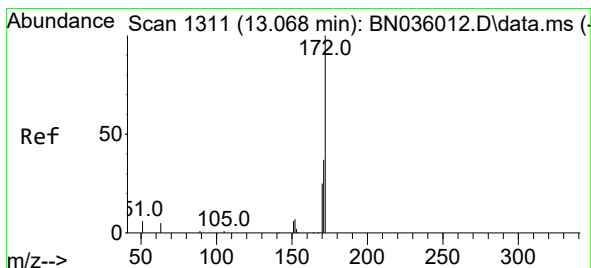
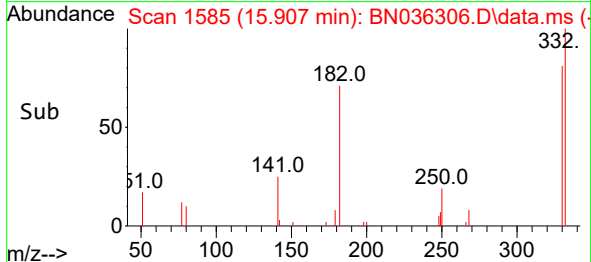
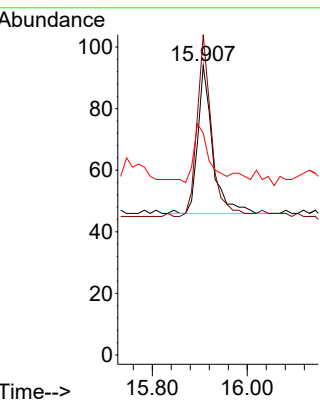
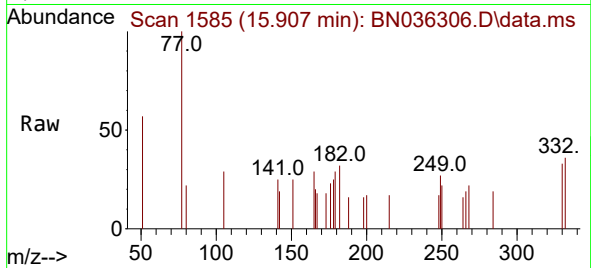




#14
2,4,6-Tribromophenol
Concen: 0.071 ng
RT: 15.907 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

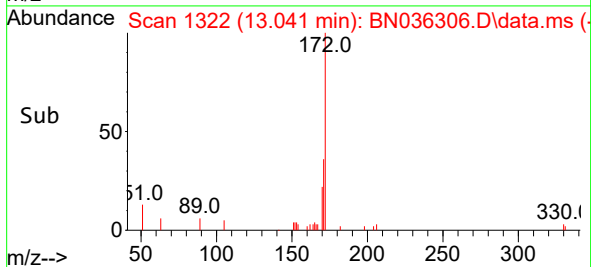
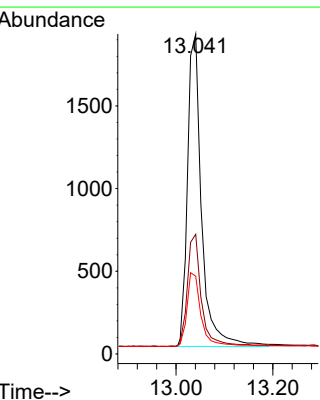
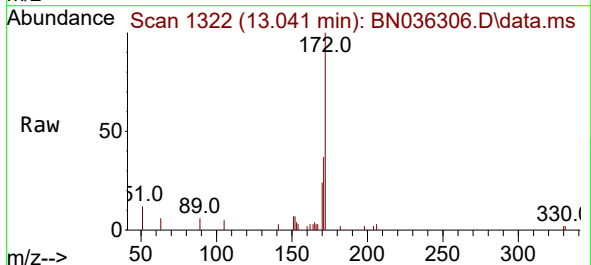
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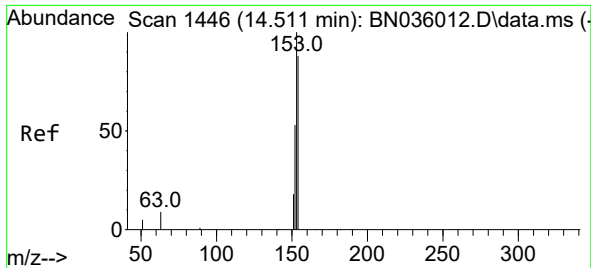
Tgt Ion:330 Resp: 104
Ion Ratio Lower Upper
330 100
332 120.2 81.0 121.4
141 40.4 36.7 55.1



#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.041 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

Tgt Ion:172 Resp: 3370
Ion Ratio Lower Upper
172 100
171 37.4 30.9 46.3
170 24.3 21.2 31.8

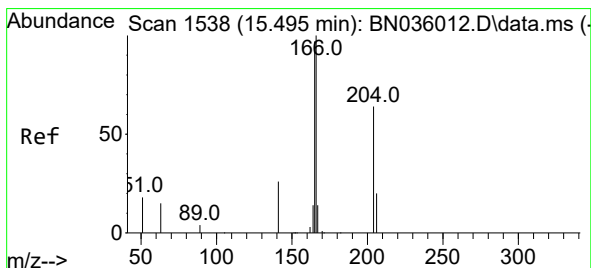
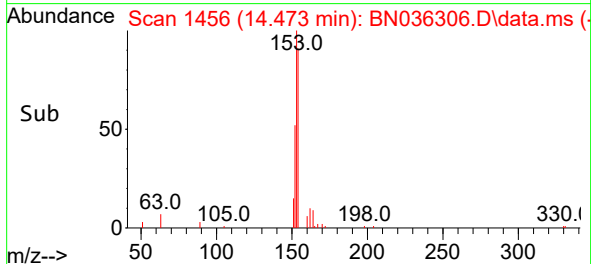
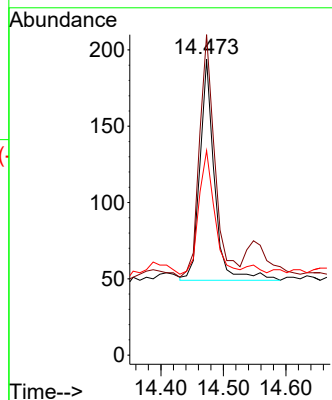
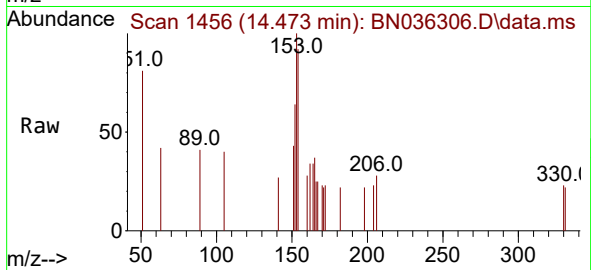




#17
Acenaphthene
Concen: 0.032 ng
RT: 14.473 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

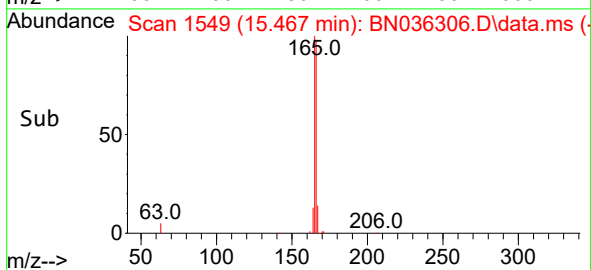
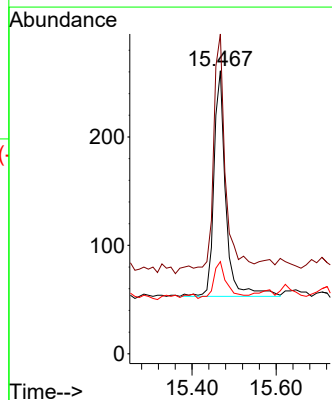
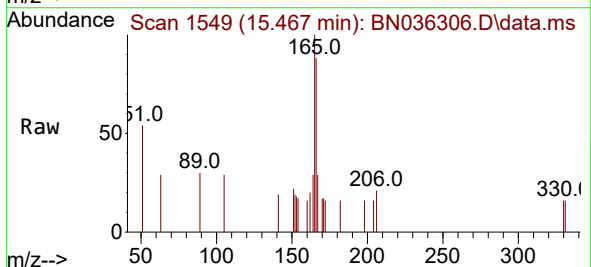
Instrument :
BNA_N
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VPB192-HYD-20250122RE

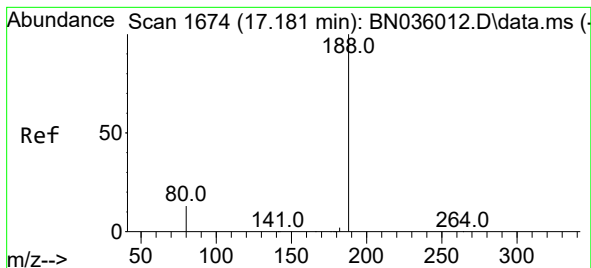
Tgt Ion:154 Resp: 235
Ion Ratio Lower Upper
154 100
153 116.2 88.9 133.3
152 60.4 48.1 72.1



#18
Fluorene
Concen: 0.046 ng
RT: 15.467 min Scan# 1549
Delta R.T. 0.011 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

Tgt Ion:166 Resp: 430
Ion Ratio Lower Upper
166 100
165 97.7 78.5 117.7
167 17.2 10.7 16.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.161 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN036306.D

Acq: 05 Feb 2025 20:35

Instrument :

BNA_N

ClientSampleId :

VPB192-HYD-20250122RE

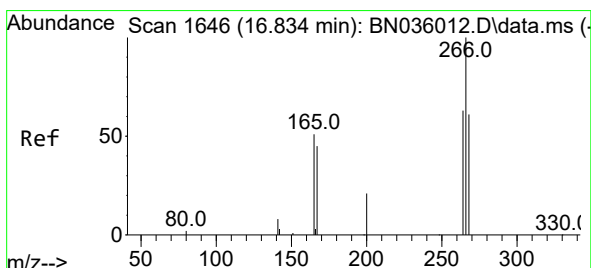
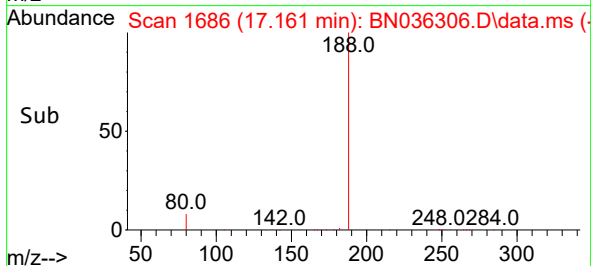
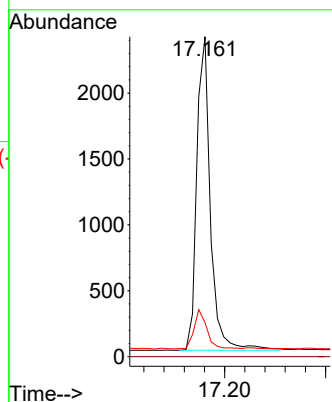
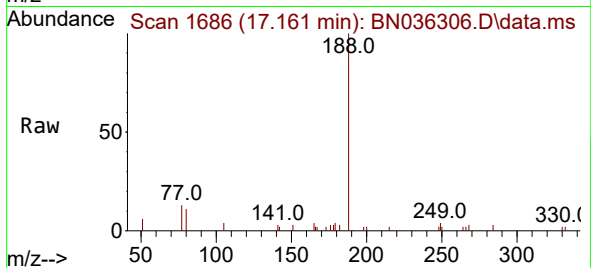
Tgt Ion:188 Resp: 4463

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 12.3 18.5#



#24

Pentachlorophenol

Concen: 0.028 ng

RT: 16.813 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BN036306.D

Acq: 05 Feb 2025 20:35

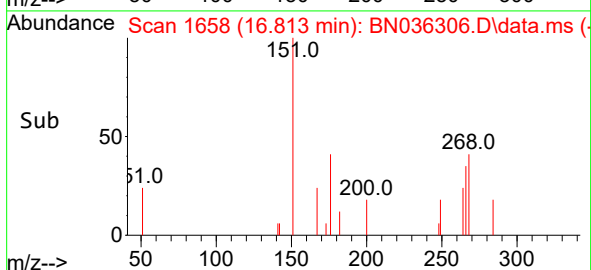
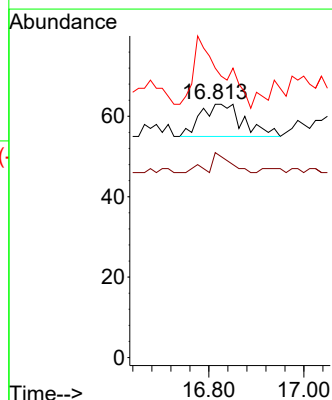
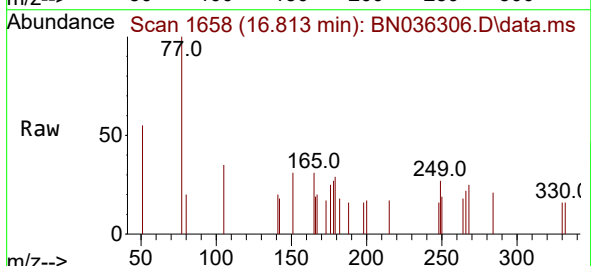
Tgt Ion:266 Resp: 50

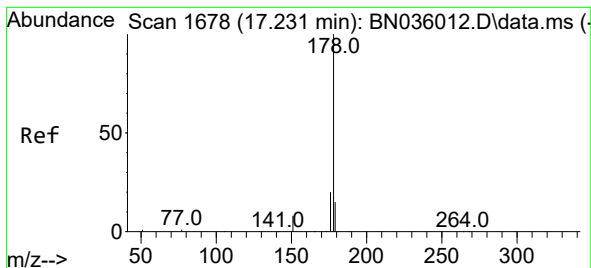
Ion Ratio Lower Upper

266 100

264 30.0 48.2 72.2#

268 0.0 51.6 77.4#





#25

Phenanthrene

Concen: 0.127 ng

RT: 17.198 min Scan# 1689

Delta R.T. -0.000 min

Lab File: BN036306.D

Acq: 05 Feb 2025 20:35

Instrument :

BNA_N

ClientSampleId :

VPB192-HYD-20250122RE

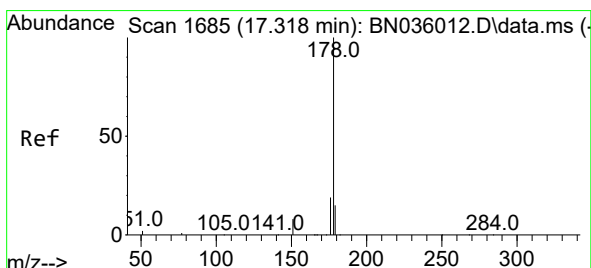
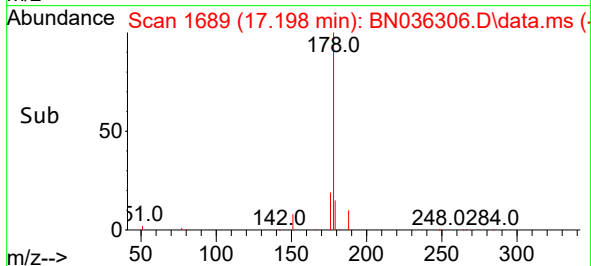
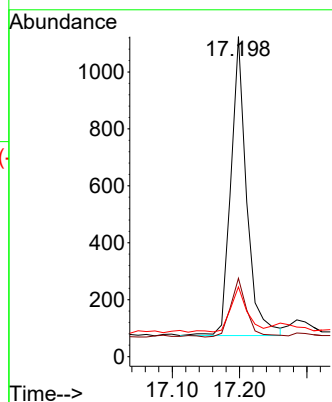
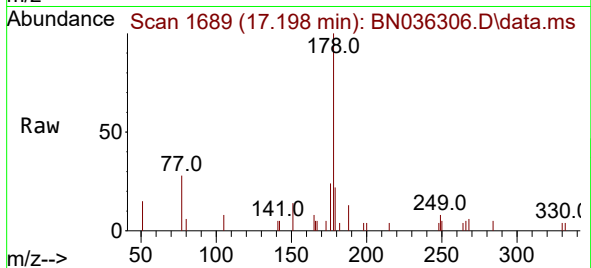
Tgt Ion:178 Resp: 1709

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

179 15.4 12.4 18.6



#26

Anthracene

Concen: 0.140 ng

RT: 17.198 min Scan# 1689

Delta R.T. -0.087 min

Lab File: BN036306.D

Acq: 05 Feb 2025 20:35

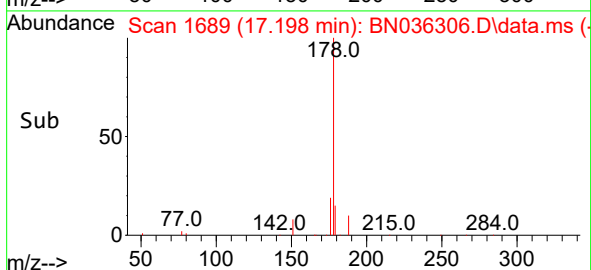
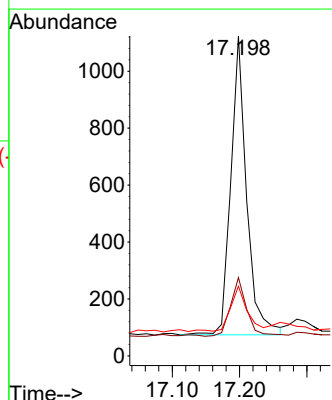
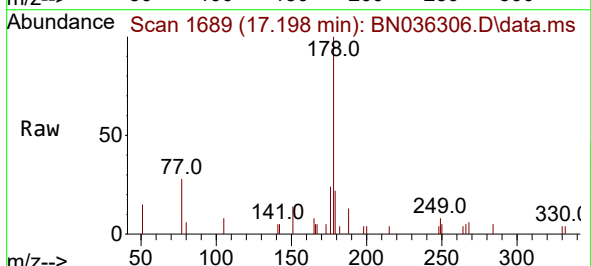
Tgt Ion:178 Resp: 1709

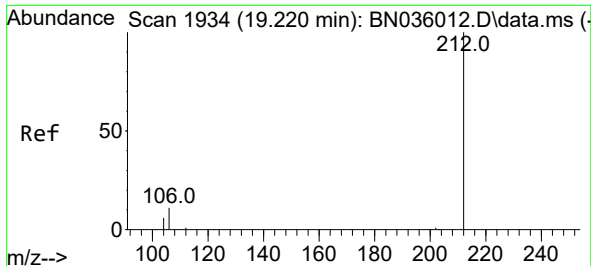
Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

179 15.3 12.0 18.0

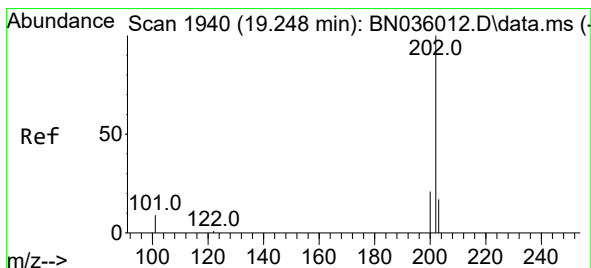
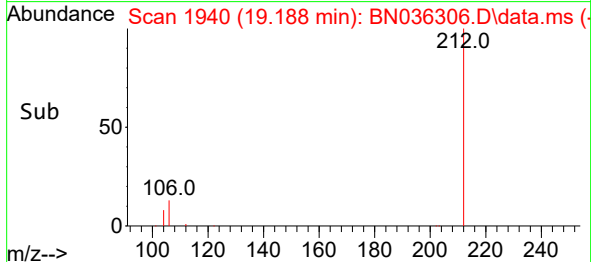
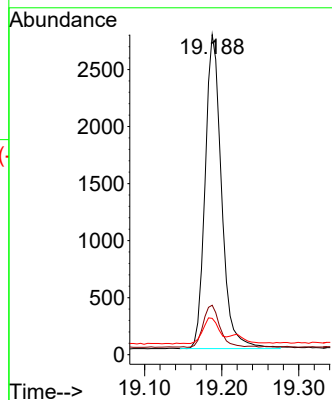
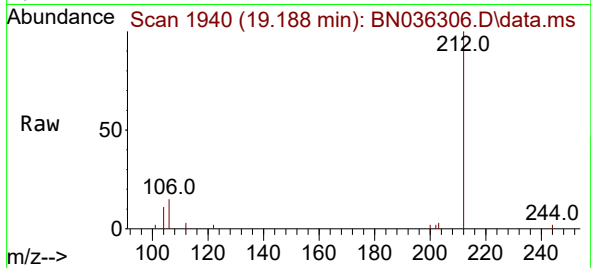




#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.188 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

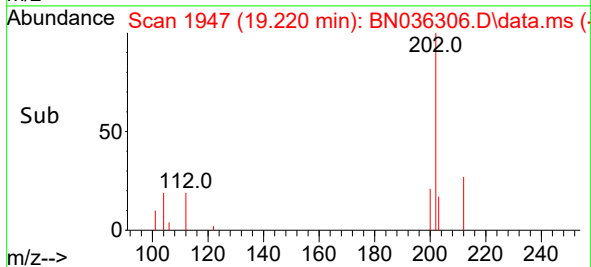
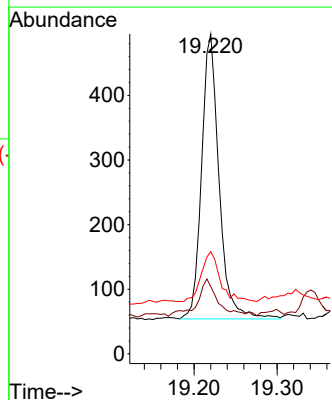
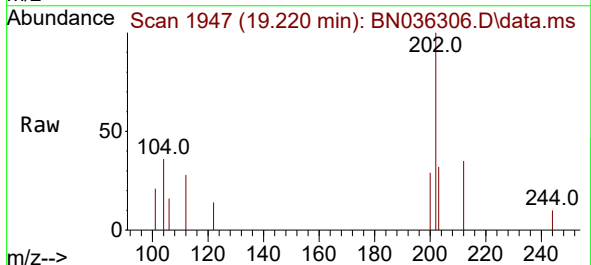
Instrument :
BNA_N
ClientSampleId :
VPB192-HYD-20250122RE

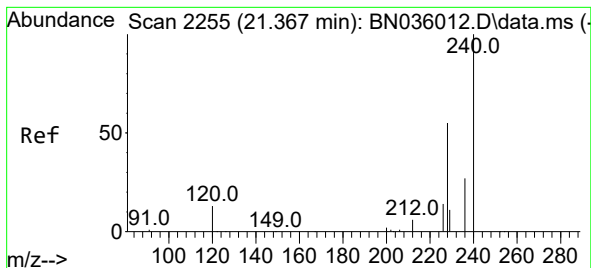
Tgt Ion:212 Resp: 4073
Ion Ratio Lower Upper
212 100
106 13.6 9.7 14.5
104 7.9 6.0 9.0



#28
Fluoranthene
Concen: 0.041 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN036306.D
Acq: 05 Feb 2025 20:35

Tgt Ion:202 Resp: 646
Ion Ratio Lower Upper
202 100
101 15.8 7.6 11.4#
203 19.5 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.340 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036306.D

Acq: 05 Feb 2025 20:35

Instrument :

BNA_N

ClientSampleId :

VPB192-HYD-20250122RE

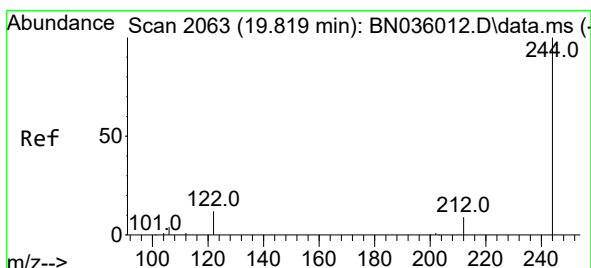
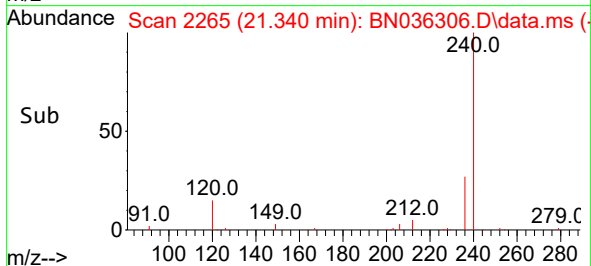
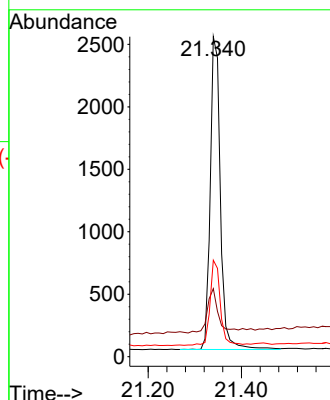
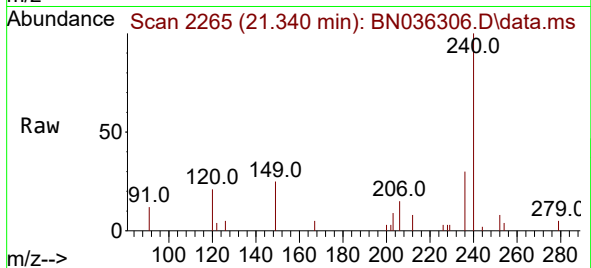
Tgt Ion:240 Resp: 3799

Ion Ratio Lower Upper

240 100

120 21.2 13.9 20.9#

236 30.2 23.7 35.5



#31

Terphenyl-d14

Concen: 0.540 ng

RT: 19.787 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BN036306.D

Acq: 05 Feb 2025 20:35

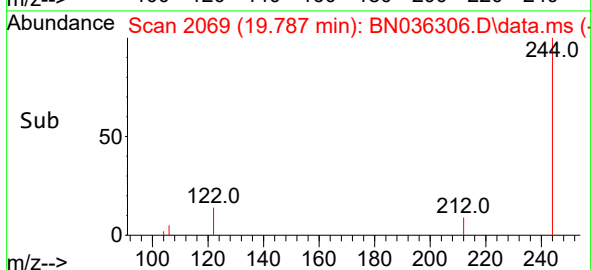
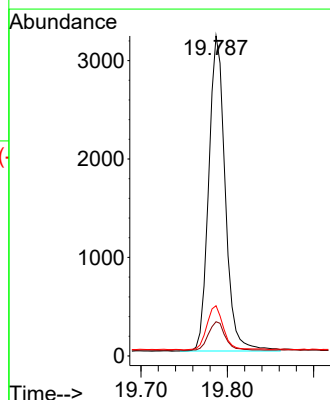
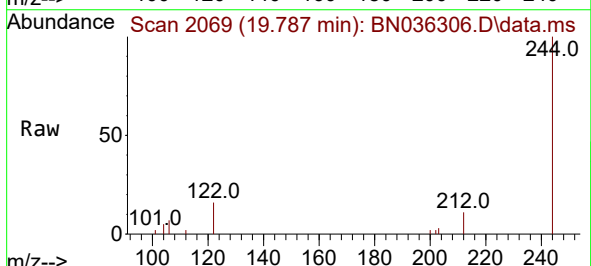
Tgt Ion:244 Resp: 4262

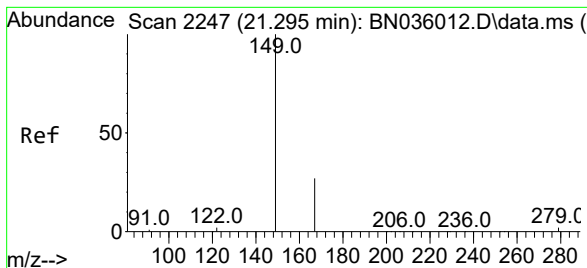
Ion Ratio Lower Upper

244 100

212 10.7 9.1 13.7

122 15.7 11.3 16.9





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.176 ng

RT: 21.259 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036306.D

Acq: 05 Feb 2025 20:35

Instrument :

BNA_N

ClientSampleId :

VPB192-HYD-20250122RE

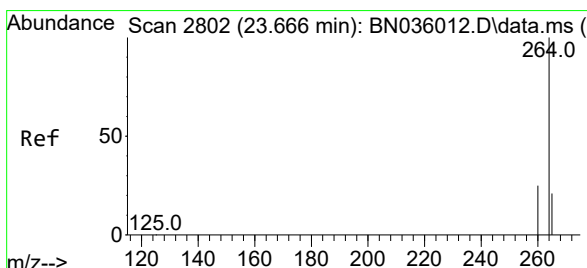
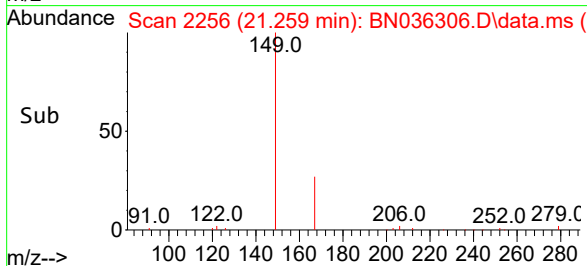
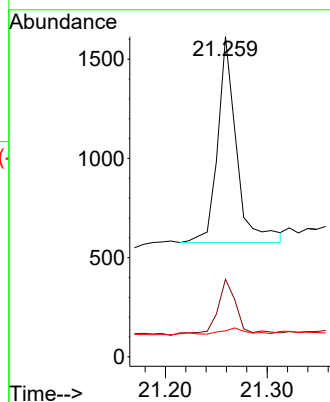
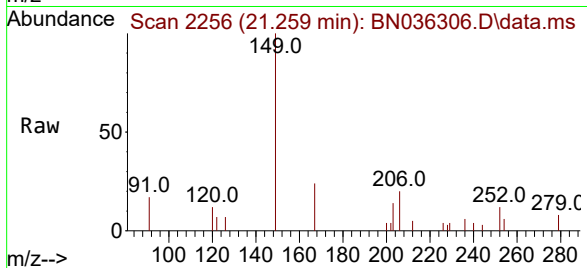
Tgt Ion:149 Resp: 1330

Ion Ratio Lower Upper

149 100

167 29.5 21.9 32.9

279 3.8 3.0 4.6



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.628 min Scan# 2802

Delta R.T. -0.000 min

Lab File: BN036306.D

Acq: 05 Feb 2025 20:35

Tgt Ion:264 Resp: 3362

Ion Ratio Lower Upper

264 100

260 27.4 21.8 32.6

265 144.5 56.6 84.8#

