

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010625\
 Data File : BN035891.D
 Acq On : 06 Jan 2025 11:17
 Operator : RC/JU
 Sample : Q1004-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB190A-HYD-20241231

Quant Time: Jan 06 11:47:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 15:39:17 2025
 Response via : Initial Calibration

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

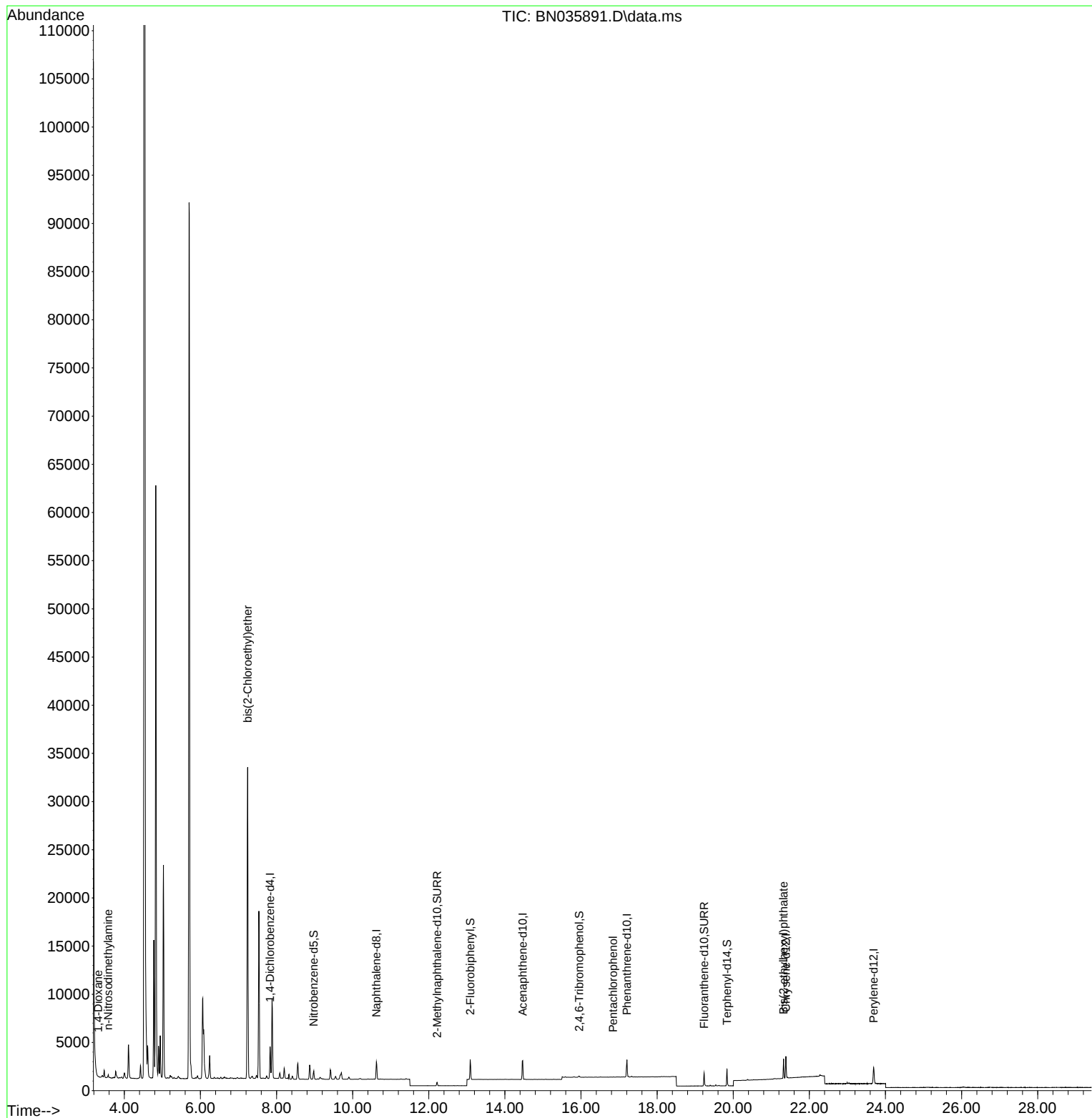
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	1206	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	2348	0.400	ng	0.00
13) Acenaphthene-d10	14.469	164	1163	0.400	ng	0.00
19) Phenanthrene-d10	17.206	188	2323	0.400	ng	0.00
29) Chrysene-d12	21.384	240	2025	0.400	ng	0.00
35) Perylene-d12	23.689	264	2231	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	55	0.019	ng	0.00
5) Phenol-d6	6.979	99	8	0.002	ng	0.00
8) Nitrobenzene-d5	8.977	82	611	0.329	ng	0.00
11) 2-Methylnaphthalene-d10	12.218	152	461	0.147	ng	0.00
14) 2,4,6-Tribromophenol	15.952	330	76	0.136	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	1642	0.322	ng	0.00
27) Fluoranthene-d10	19.234	212	1513	0.262	ng	0.00
31) Terphenyl-d14	19.838	244	1627	0.403	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	35	0.029	ng	# 36
3) n-Nitrosodimethylamine	3.578	42	323	0.155	ng	# 27
6) bis(2-Chloroethyl)ether	7.239	93	16690	5.962	ng	# 44
24) Pentachlorophenol	16.846	266	18	0.023	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.322	149	1738	0.598	ng	97

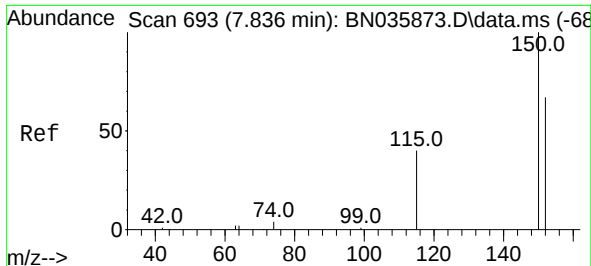
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010625\
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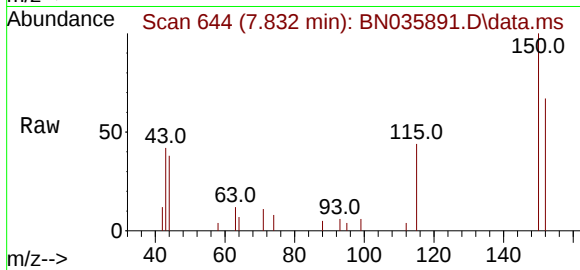
Quant Time: Jan 06 11:47:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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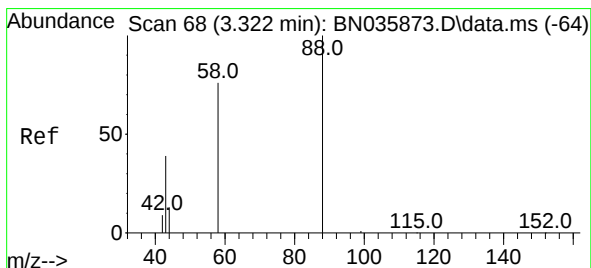
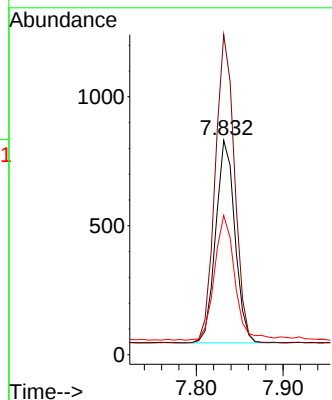
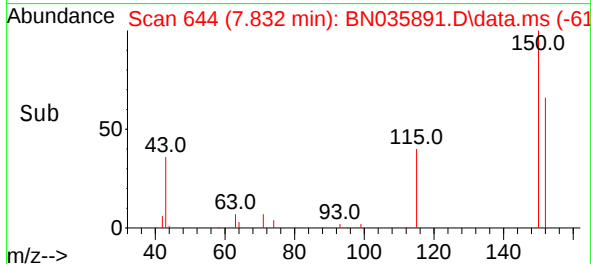


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.832 min Scan# 64
 Delta R.T. -0.004 min
 Lab File: BN035891.D
 Acq: 06 Jan 2025 11:17

Instrument :
 BNA_N
 ClientSampleId :
 VPB190A-HYD-20241231

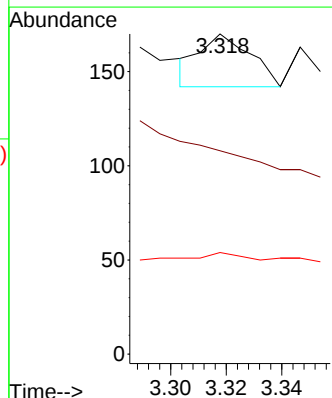
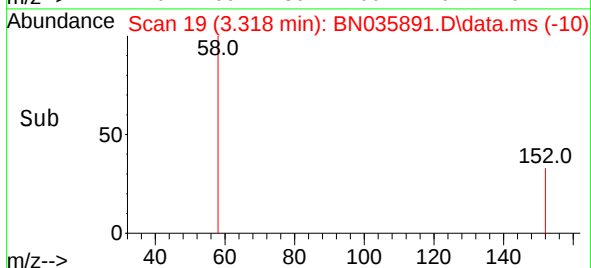
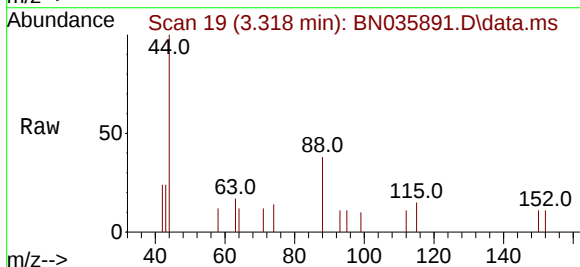


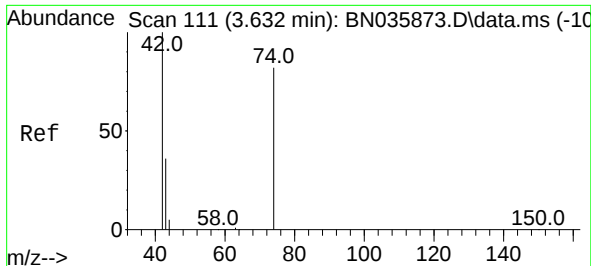
Tgt Ion:152 Resp: 1206
 Ion Ratio Lower Upper
 152 100
 150 149.3 117.8 176.6
 115 65.0 51.0 76.4



#2
 1,4-Dioxane
 Concen: 0.029 ng
 RT: 3.318 min Scan# 19
 Delta R.T. -0.004 min
 Lab File: BN035891.D
 Acq: 06 Jan 2025 11:17

Tgt Ion: 88 Resp: 35
 Ion Ratio Lower Upper
 88 100
 43 0.0 32.7 49.1#
 58 22.9 63.0 94.4#

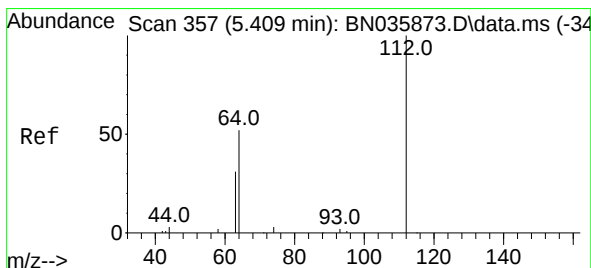
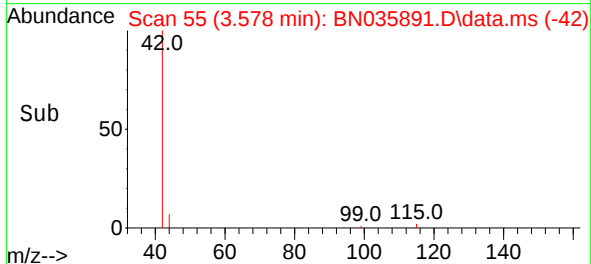
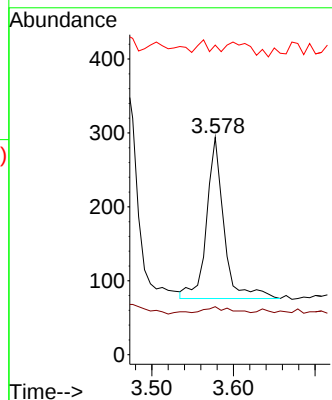
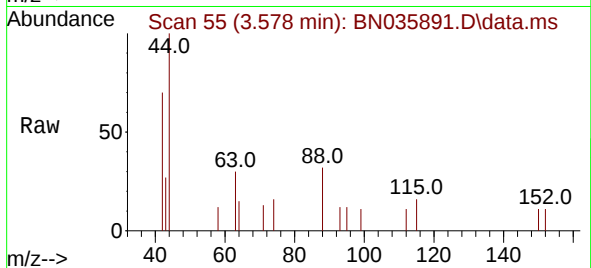




#3
n-Nitrosodimethylamine
Concen: 0.155 ng
RT: 3.578 min Scan# 51
Delta R.T. -0.054 min
Lab File: BN035891.D
Acq: 06 Jan 2025 11:17

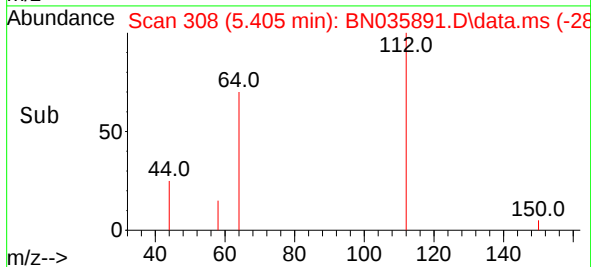
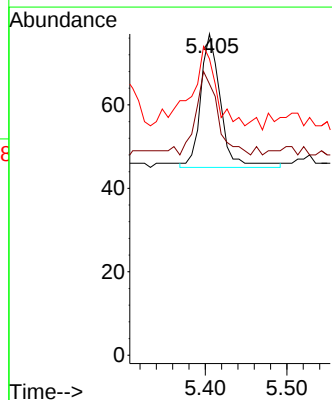
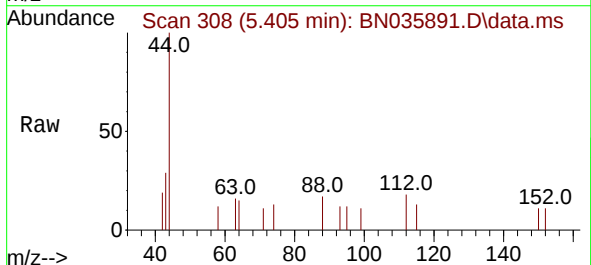
Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20241231

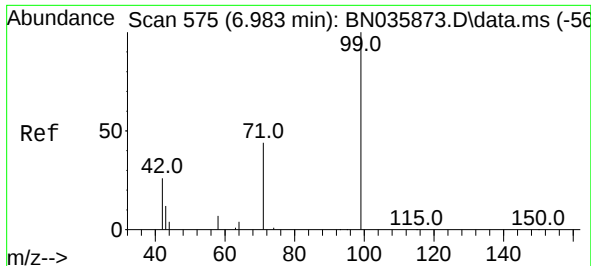
Tgt Ion: 42 Resp: 323
Ion Ratio Lower Upper
42 100
74 8.4 62.2 93.2#
44 5.0 7.1 10.7#



#4
2-Fluorophenol
Concen: 0.019 ng
RT: 5.405 min Scan# 308
Delta R.T. -0.004 min
Lab File: BN035891.D
Acq: 06 Jan 2025 11:17

Tgt Ion: 112 Resp: 55
Ion Ratio Lower Upper
112 100
64 69.1 48.2 72.2
63 74.5 30.0 45.0#

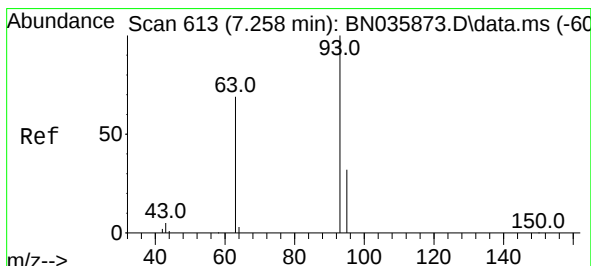
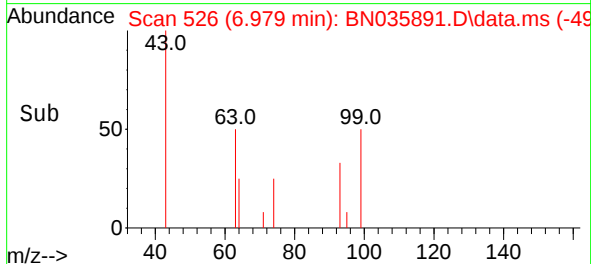
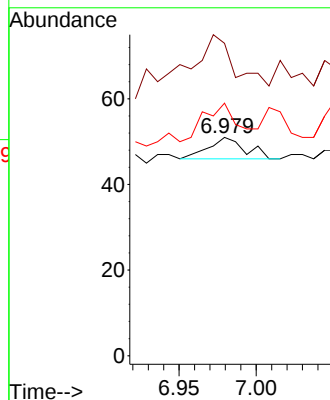
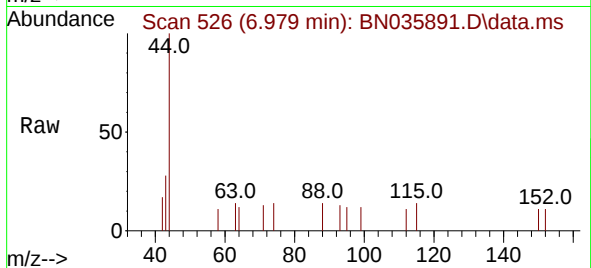




#5
Phenol-d6
Concen: 0.002 ng
RT: 6.979 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN035891.D
Acq: 06 Jan 2025 11:17

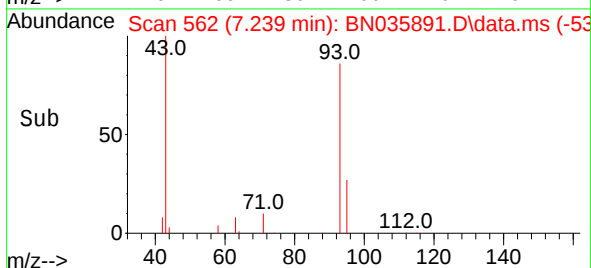
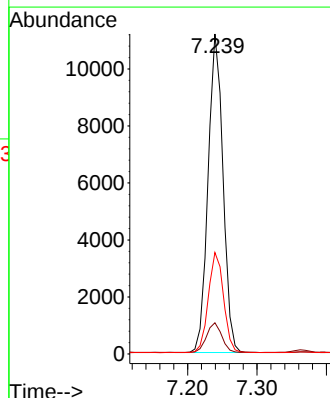
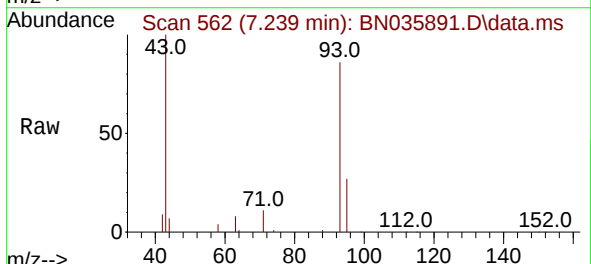
Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20241231

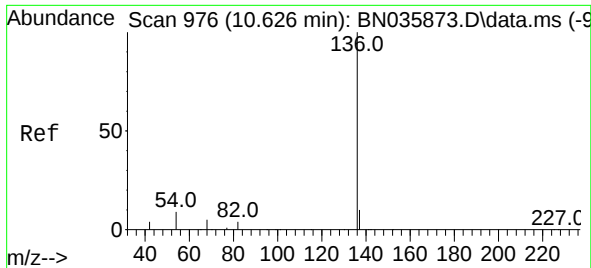
Tgt Ion: 99 Resp: 8
Ion Ratio Lower Upper
99 100
42 437.5 23.5 35.3#
71 250.0 35.5 53.3#



#6
bis(2-Chloroethyl)ether
Concen: 5.962 ng
RT: 7.239 min Scan# 562
Delta R.T. -0.018 min
Lab File: BN035891.D
Acq: 06 Jan 2025 11:17

Tgt Ion: 93 Resp: 16690
Ion Ratio Lower Upper
93 100
63 9.5 62.0 93.0#
95 32.0 25.5 38.3

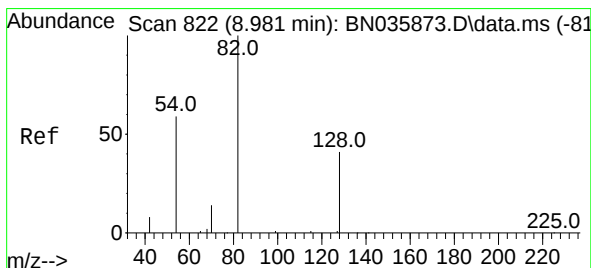
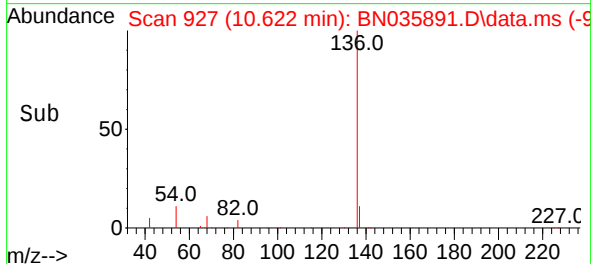
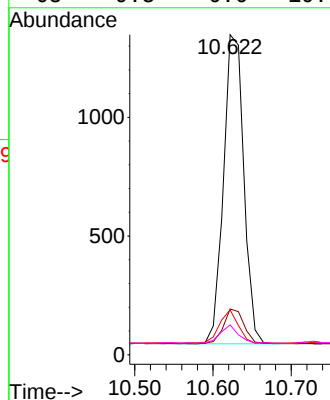
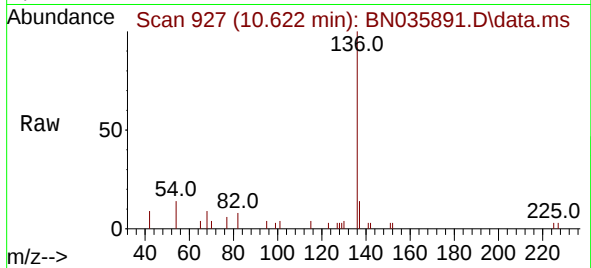




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 91
Delta R.T. -0.004 min
Lab File: BN035891.D
Acq: 06 Jan 2025 11:17

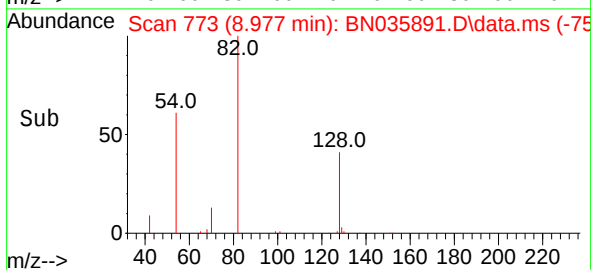
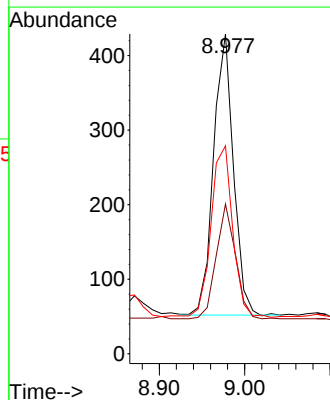
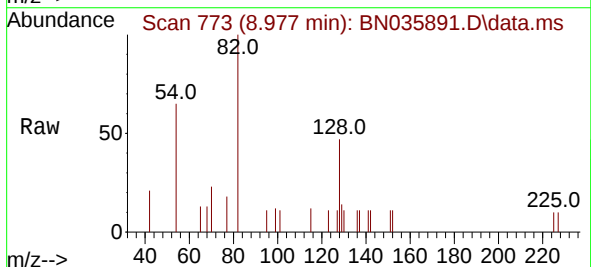
Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20241231

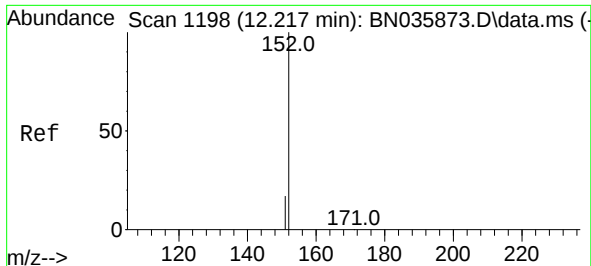
Tgt Ion:	136	Resp:	2348
Ion	Ratio	Lower	Upper
136	100		
137	14.3	10.6	15.8
54	14.0	9.8	14.6
68	9.3	6.6	10.0



#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.977 min Scan# 773
Delta R.T. -0.004 min
Lab File: BN035891.D
Acq: 06 Jan 2025 11:17

Tgt Ion:	82	Resp:	611
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.9	55.3
54	65.0	50.4	75.6





#11

2-Methylnaphthalene-d10

Concen: 0.147 ng

RT: 12.218 min Scan# 1198

Delta R.T. 0.001 min

Lab File: BN035891.D

Acq: 06 Jan 2025 11:17

Instrument :

BNA_N

ClientSampleId :

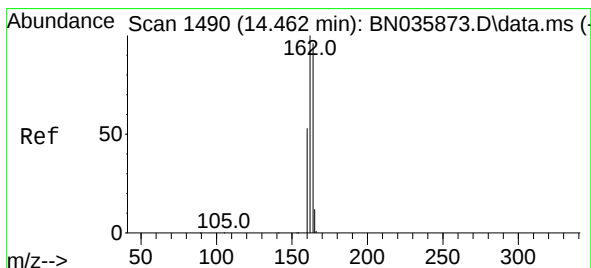
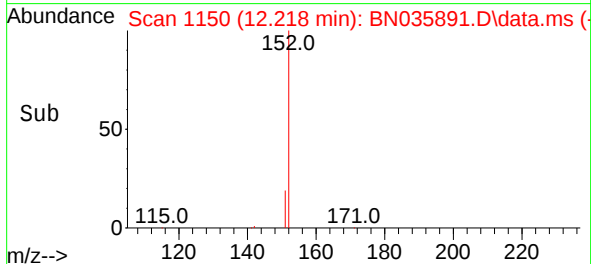
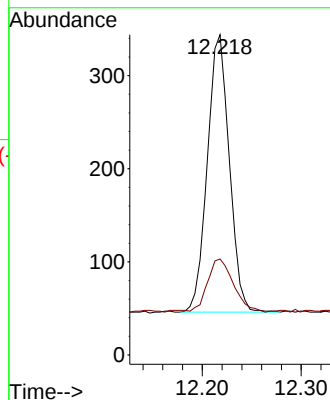
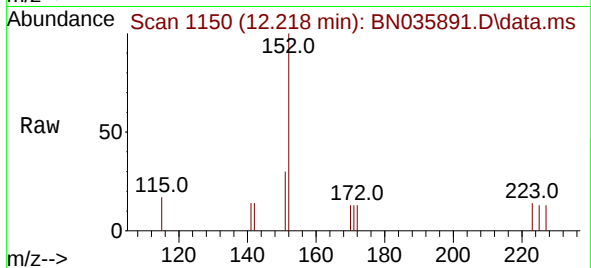
VPB190A-HYD-20241231

Tgt Ion:152 Resp: 461

Ion Ratio Lower Upper

152 100

151 22.6 17.0 25.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.469 min Scan# 1442

Delta R.T. 0.007 min

Lab File: BN035891.D

Acq: 06 Jan 2025 11:17

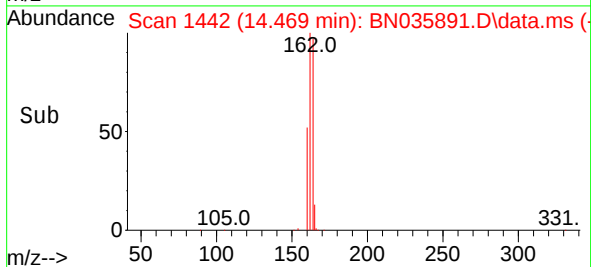
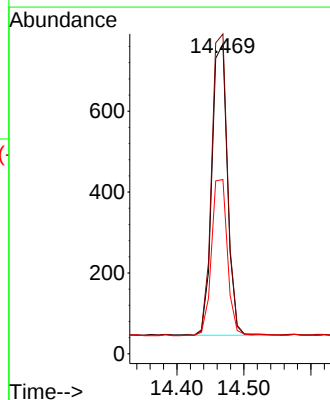
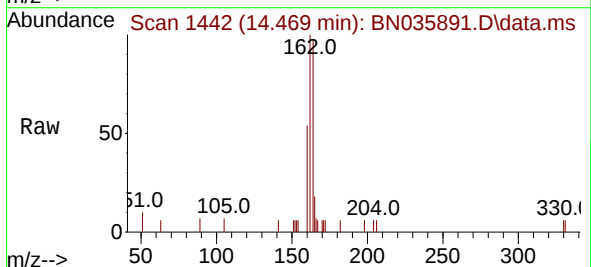
Tgt Ion:164 Resp: 1163

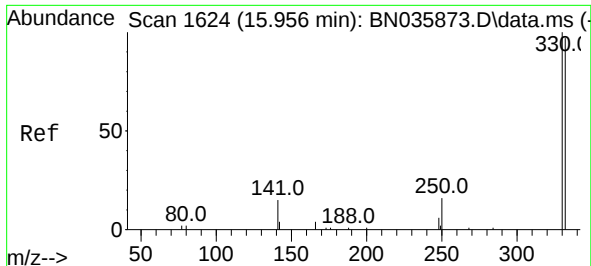
Ion Ratio Lower Upper

164 100

162 103.3 83.1 124.7

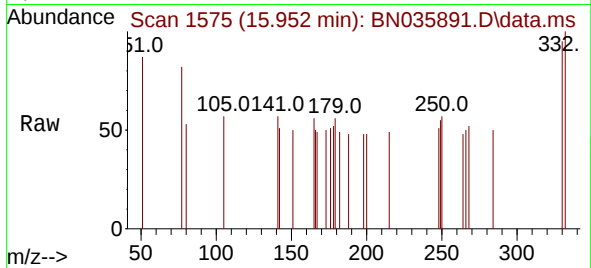
160 56.3 46.0 69.0



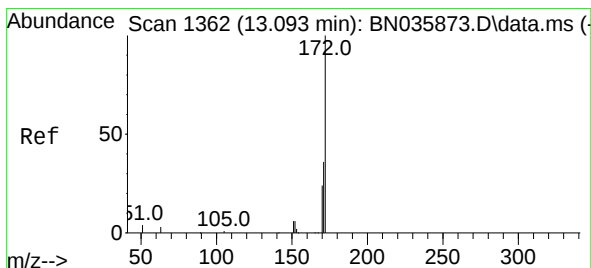
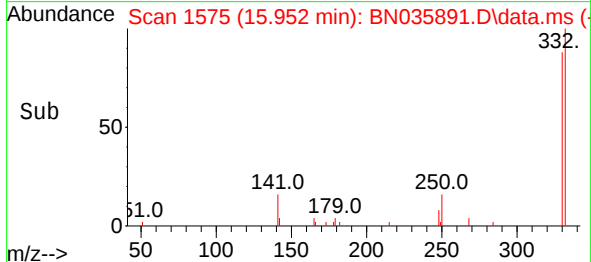
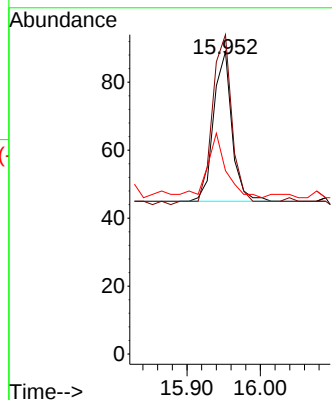


#14
2,4,6-Tribromophenol
Concen: 0.136 ng
RT: 15.952 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN035891.D
Acq: 06 Jan 2025 11:17

Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20241231

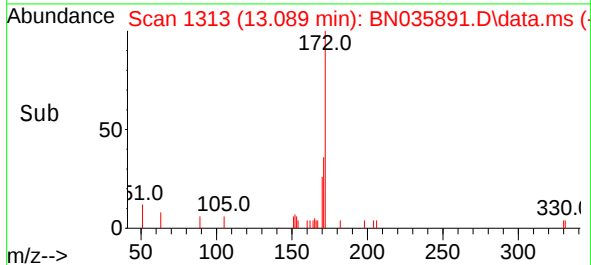
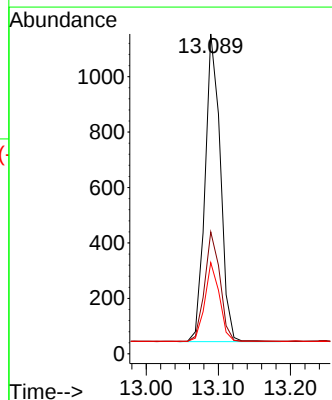
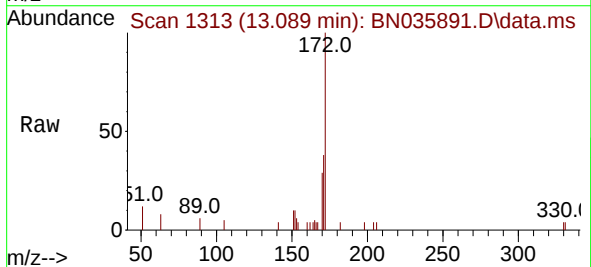


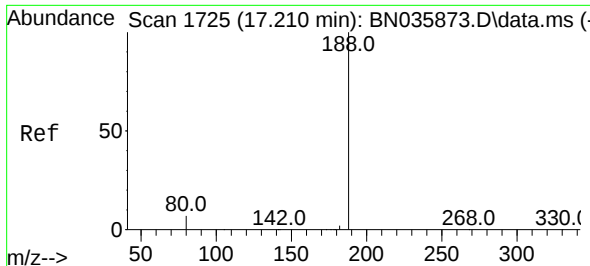
Tgt Ion:330 Resp: 76
Ion Ratio Lower Upper
330 100
332 125.0 77.2 115.8#
141 44.7 31.6 47.4



#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 13.089 min Scan# 1313
Delta R.T. -0.004 min
Lab File: BN035891.D
Acq: 06 Jan 2025 11:17

Tgt Ion:172 Resp: 1642
Ion Ratio Lower Upper
172 100
171 38.1 30.5 45.7
170 28.5 20.8 31.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.206 min Scan# 1

Delta R.T. -0.004 min

Lab File: BN035891.D

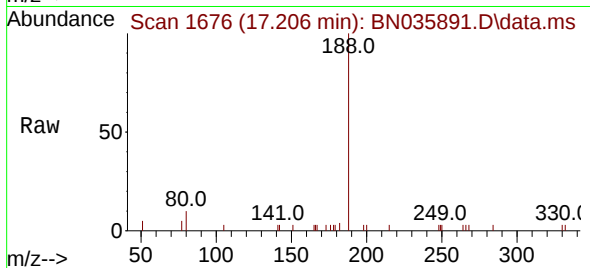
Acq: 06 Jan 2025 11:17

Instrument :

BNA_N

ClientSampleId :

VPB190A-HYD-20241231



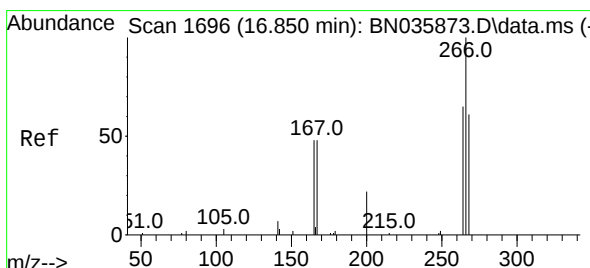
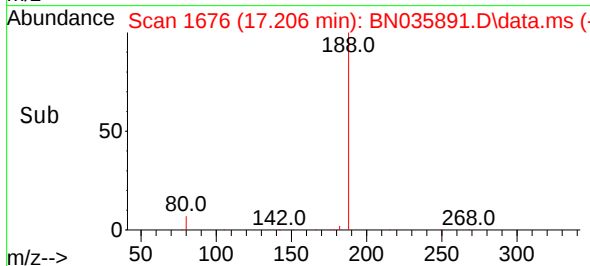
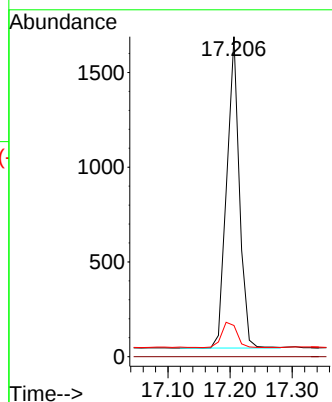
Tgt Ion:188 Resp: 2323

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 7.3 10.9



#24

Pentachlorophenol

Concen: 0.023 ng

RT: 16.846 min Scan# 1647

Delta R.T. -0.004 min

Lab File: BN035891.D

Acq: 06 Jan 2025 11:17

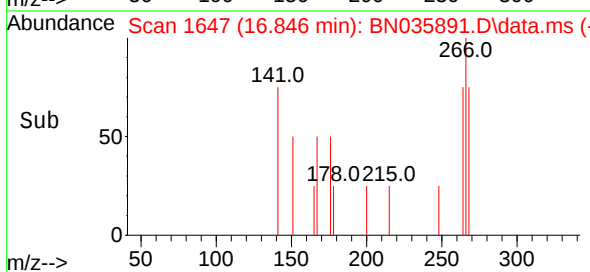
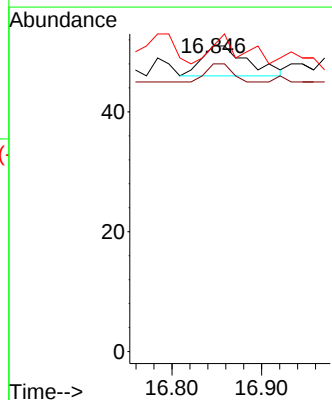
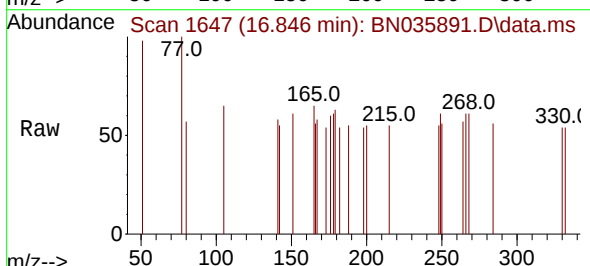
Tgt Ion:266 Resp: 18

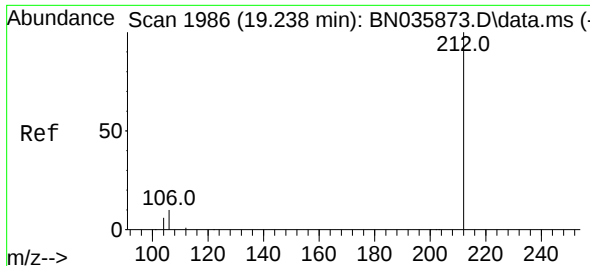
Ion Ratio Lower Upper

266 100

264 33.3 49.9 74.9#

268 77.8 50.2 75.2#

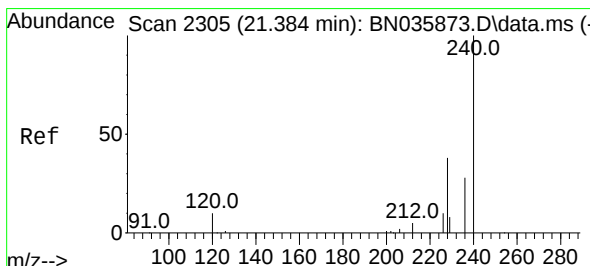
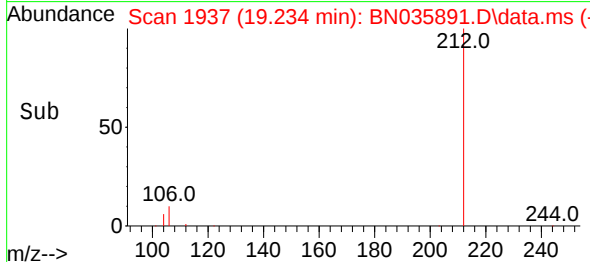
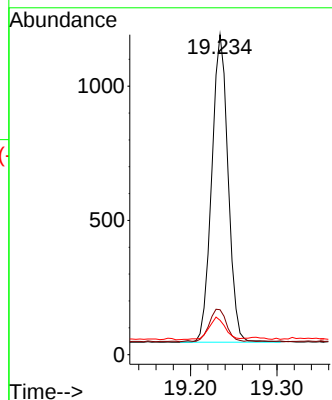
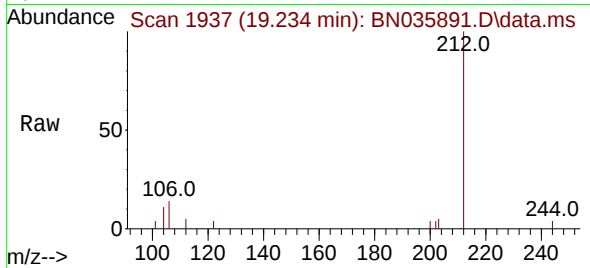




#27
Fluoranthene-d10
Concen: 0.262 ng
RT: 19.234 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN035891.D
Acq: 06 Jan 2025 11:17

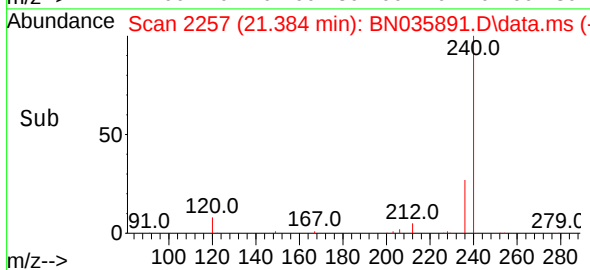
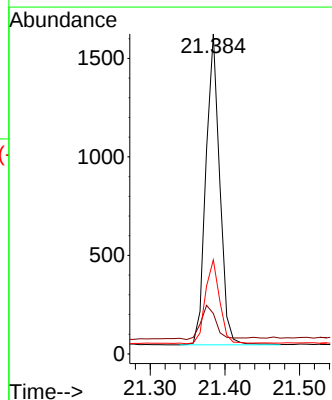
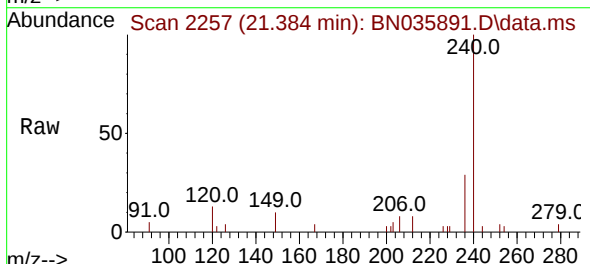
Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20241231

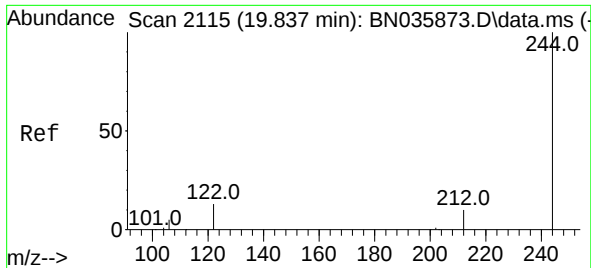
Tgt Ion:212 Resp: 1513
Ion Ratio Lower Upper
212 100
106 11.6 9.0 13.6
104 7.2 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2257
Delta R.T. 0.001 min
Lab File: BN035891.D
Acq: 06 Jan 2025 11:17

Tgt Ion:240 Resp: 2025
Ion Ratio Lower Upper
240 100
120 12.6 11.1 16.7
236 29.4 24.6 36.8

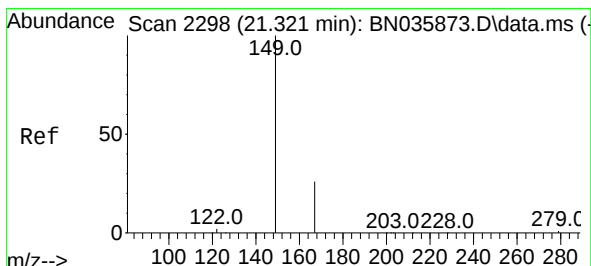
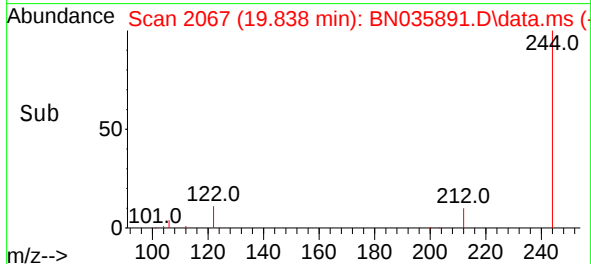
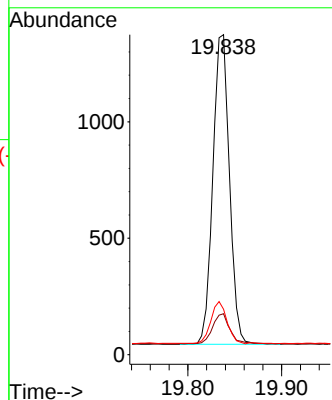
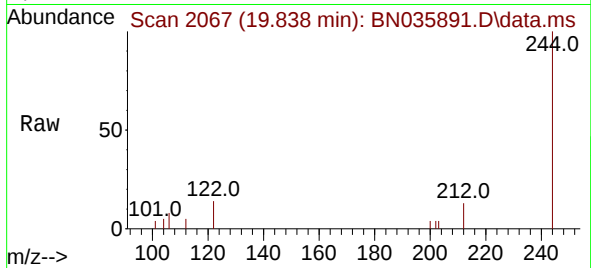




#31
 Terphenyl-d14
 Concen: 0.403 ng
 RT: 19.838 min Scan# 2067
 Delta R.T. 0.001 min
 Lab File: BN035891.D
 Acq: 06 Jan 2025 11:17

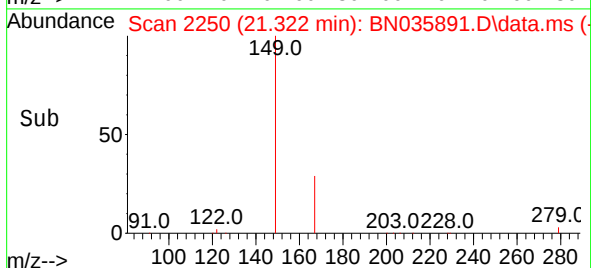
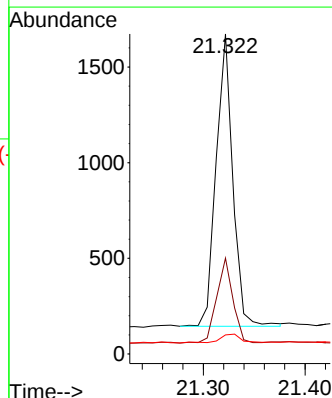
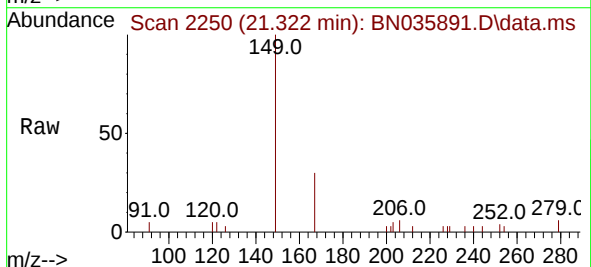
Instrument :
 BNA_N
 ClientSampleId :
 VPB190A-HYD-20241231

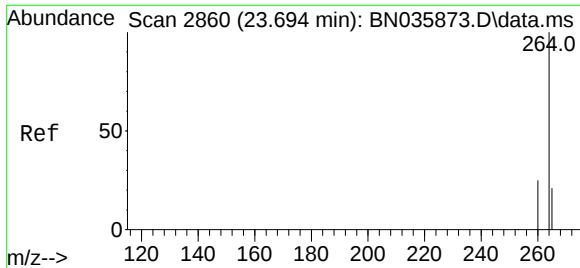
Tgt Ion:	244	Resp:	1627
Ion Ratio	Lower	Upper	
244	100		
212	12.8	10.1	15.1
122	14.2	12.2	18.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.598 ng
 RT: 21.322 min Scan# 2250
 Delta R.T. 0.001 min
 Lab File: BN035891.D
 Acq: 06 Jan 2025 11:17

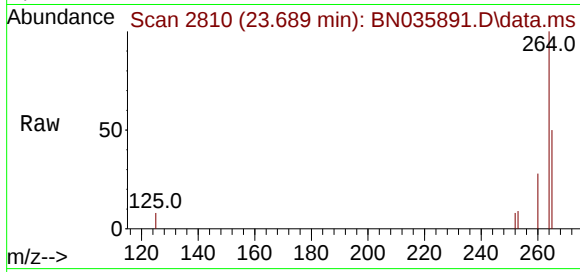
Tgt Ion:	149	Resp:	1738
Ion Ratio	Lower	Upper	
149	100		
167	28.4	21.4	32.0
279	4.1	3.0	4.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.689 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN035891.D
Acq: 06 Jan 2025 11:17

Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20241231



Tgt Ion:264 Resp: 2231

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.7	32.5
265	49.6	33.9	50.9

