

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010625\
 Data File : BN035892.D
 Acq On : 06 Jan 2025 11:52
 Operator : RC/JU
 Sample : Q1004-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190A-GW-803-805

Quant Time: Jan 06 12:16:22 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)

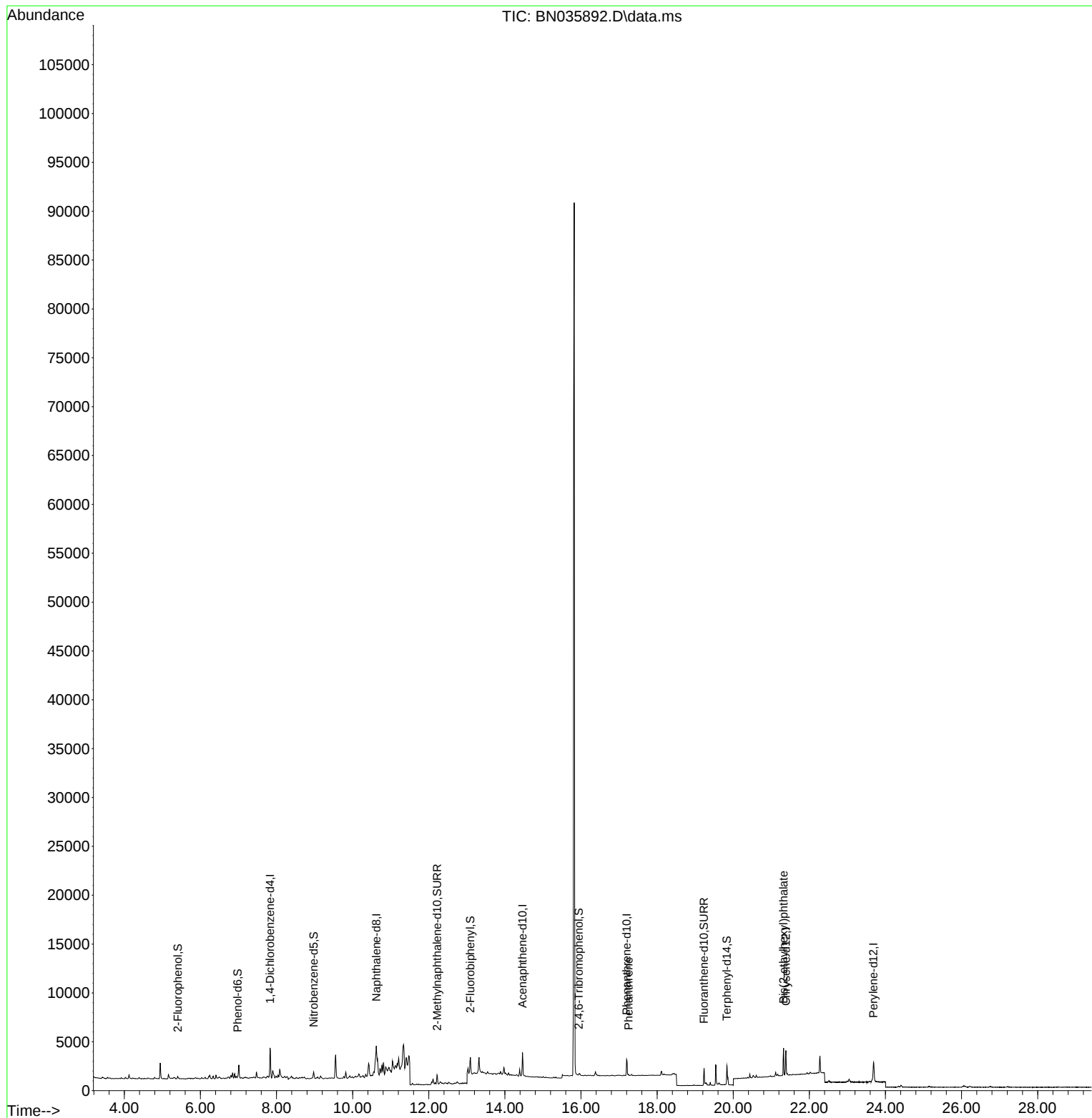
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	1016	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	2057	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	1217	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	2394	0.400	ng	#-0.01
29) Chrysene-d12	21.385	240	2243	0.400	ng	0.00
35) Perylene-d12	23.686	264	2747	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	158	0.063	ng	0.00
5) Phenol-d6	6.979	99	120	0.039	ng	0.00
8) Nitrobenzene-d5	8.977	82	496	0.305	ng	0.00
11) 2-Methylnaphthalene-d10	12.218	152	850	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	89	0.152	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	1359	0.254	ng	0.00
27) Fluoranthene-d10	19.234	212	1917	0.323	ng	0.00
31) Terphenyl-d14	19.834	244	1765	0.395	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.248	178	159	0.023	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.322	149	2495	0.776	ng	# 99

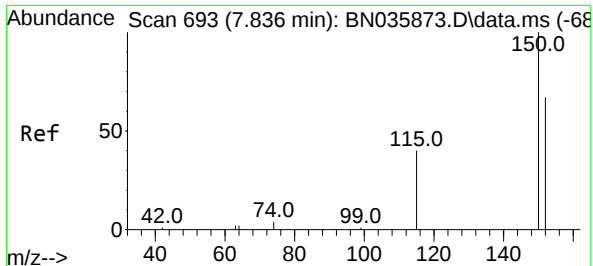
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010625\
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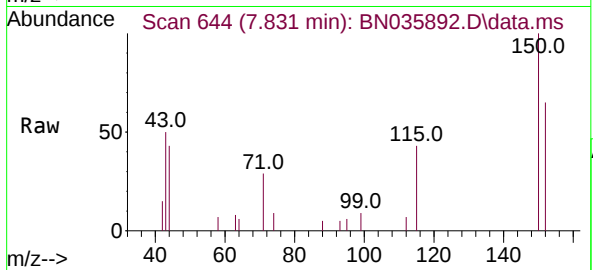
Quant Time: Jan 06 12:16:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration



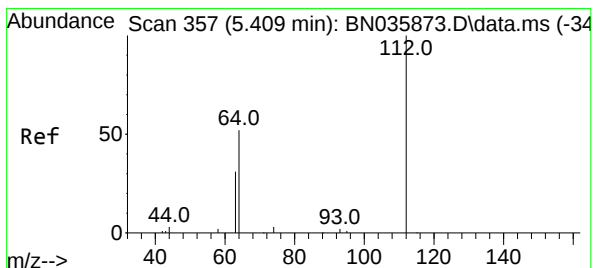
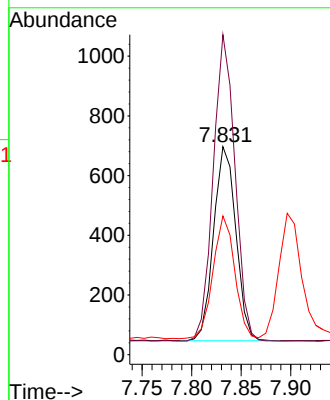
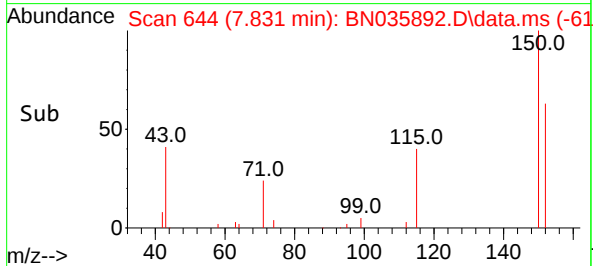


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.831 min Scan# 64
Delta R.T. -0.005 min
Lab File: BN035892.D
Acq: 06 Jan 2025 11:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-803-805

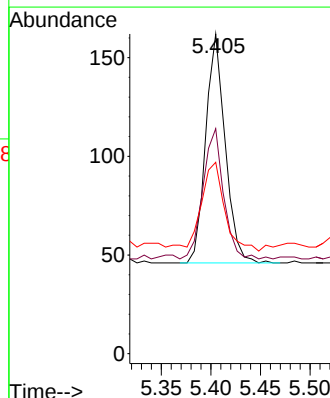
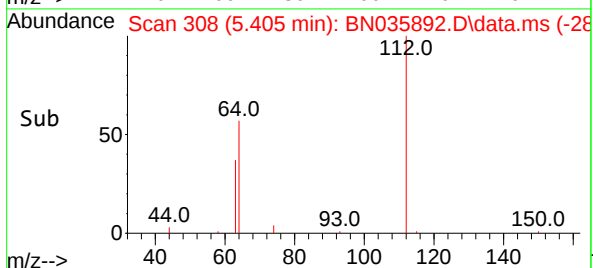
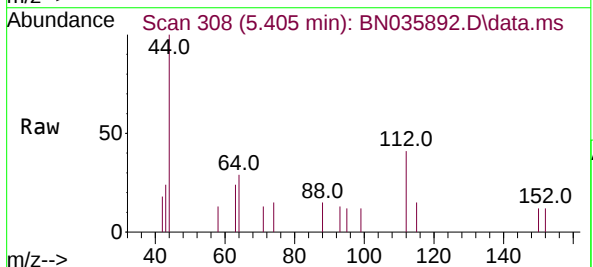


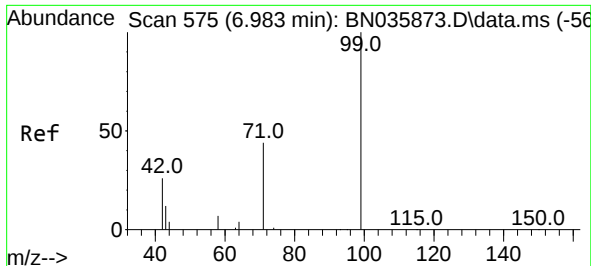
Tgt Ion:152 Resp: 1016
Ion Ratio Lower Upper
152 100
150 153.8 117.8 176.6
115 66.7 51.0 76.4



#4
2-Fluorophenol
Concen: 0.063 ng
RT: 5.405 min Scan# 308
Delta R.T. -0.004 min
Lab File: BN035892.D
Acq: 06 Jan 2025 11:52

Tgt Ion:112 Resp: 158
Ion Ratio Lower Upper
112 100
64 60.1 48.2 72.2
63 45.6 30.0 45.0#

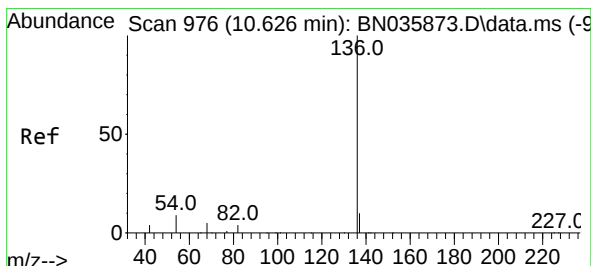
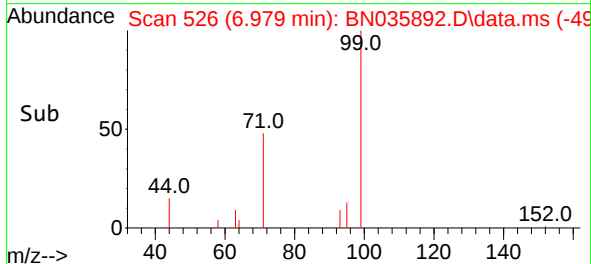
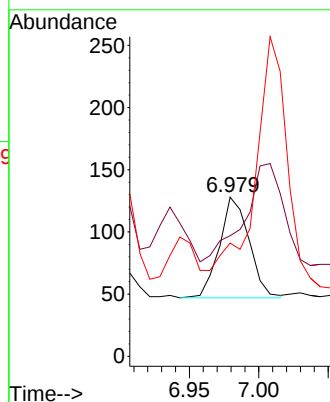
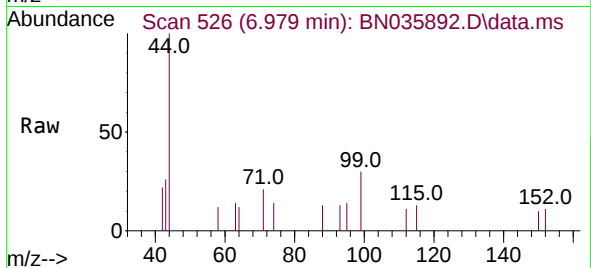




#5
Phenol-d6
Concen: 0.039 ng
RT: 6.979 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN035892.D
Acq: 06 Jan 2025 11:52

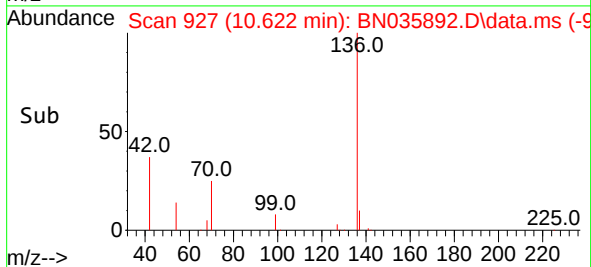
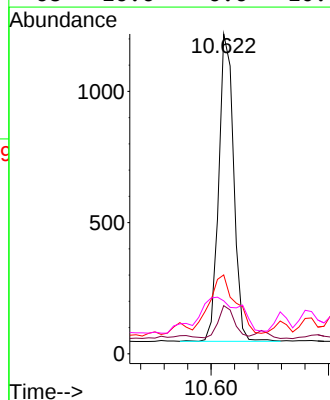
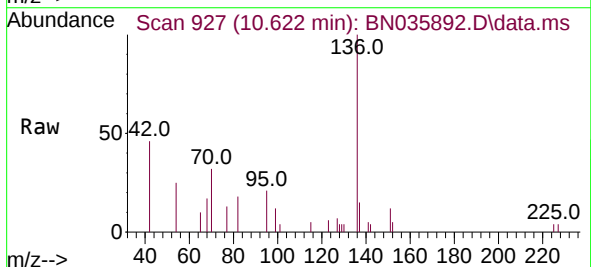
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-803-805

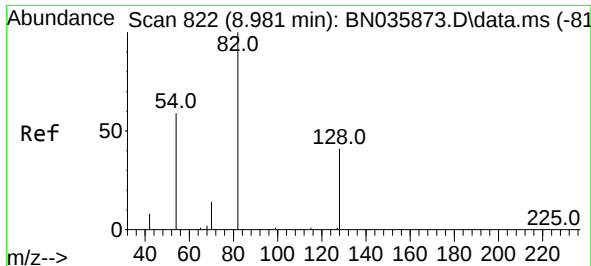
Tgt Ion: 99 Resp: 120
Ion Ratio Lower Upper
99 100
42 0.0 23.5 35.3#
71 0.0 35.5 53.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 927
Delta R.T. -0.004 min
Lab File: BN035892.D
Acq: 06 Jan 2025 11:52

Tgt Ion: 136 Resp: 2057
Ion Ratio Lower Upper
136 100
137 15.1 10.6 15.8
54 24.7 9.8 14.6#
68 16.6 6.6 10.0#

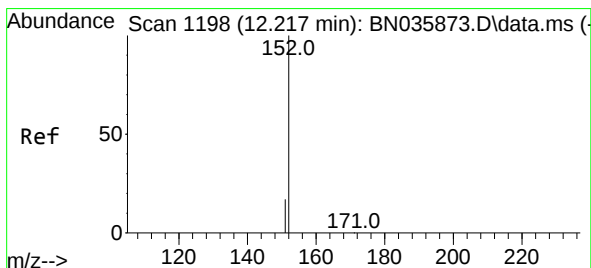
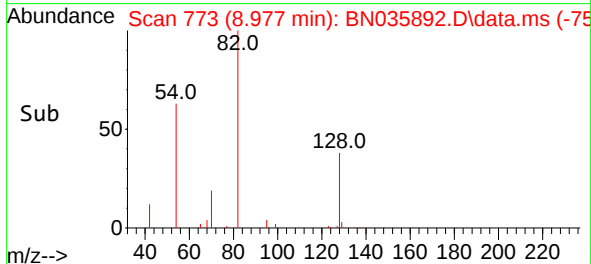
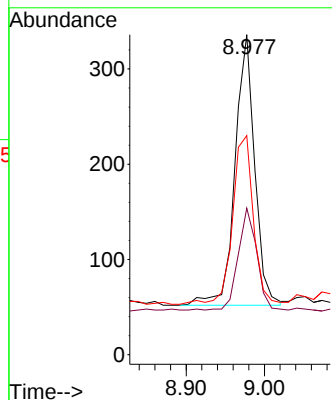
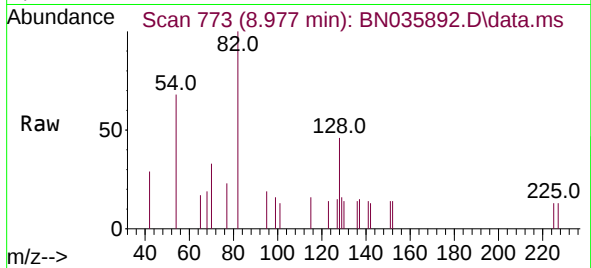




#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.977 min Scan# 71
Delta R.T. -0.004 min
Lab File: BN035892.D
Acq: 06 Jan 2025 11:52

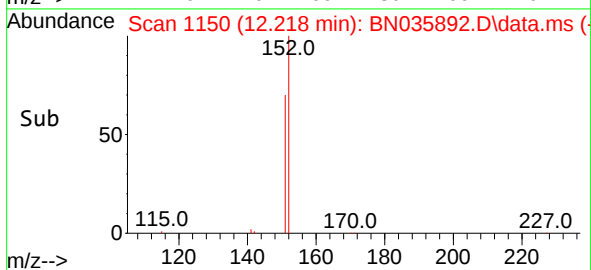
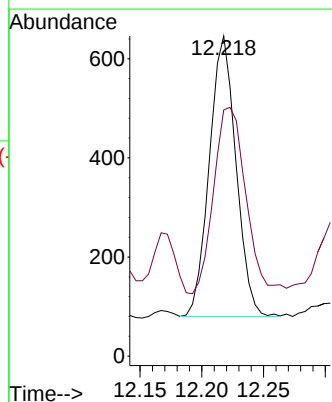
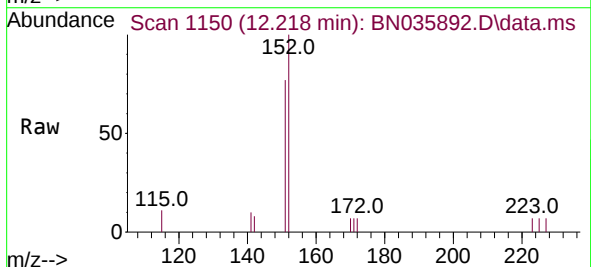
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-803-805

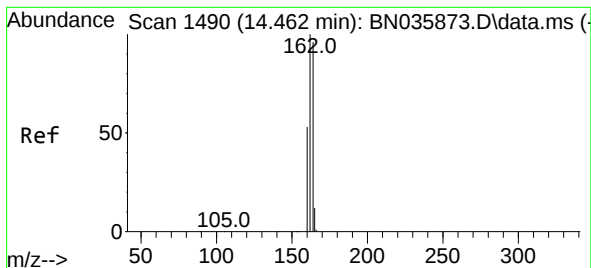
Tgt Ion: 82 Resp: 496
Ion Ratio Lower Upper
82 100
128 45.8 36.9 55.3
54 68.5 50.4 75.6



#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.218 min Scan# 1150
Delta R.T. 0.001 min
Lab File: BN035892.D
Acq: 06 Jan 2025 11:52

Tgt Ion:152 Resp: 850
Ion Ratio Lower Upper
152 100
151 79.8 17.0 25.6#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.463 min Scan# 1490

Delta R.T. 0.001 min

Lab File: BN035892.D

Acq: 06 Jan 2025 11:52

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190A-GW-803-805

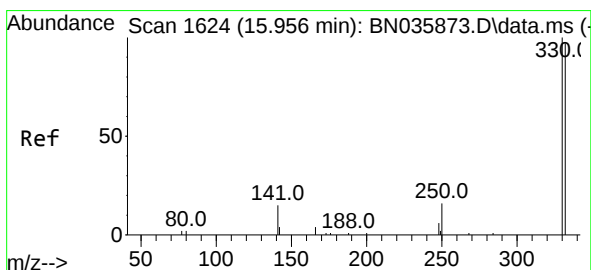
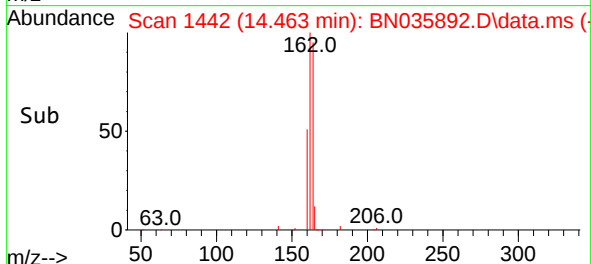
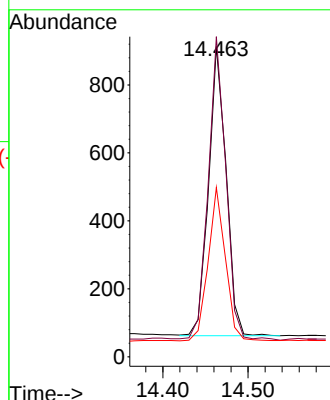
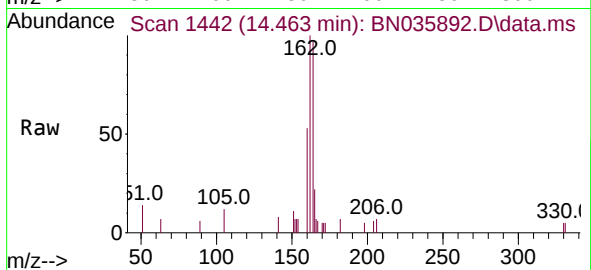
Tgt Ion:164 Resp: 1217

Ion Ratio Lower Upper

164 100

162 103.2 83.1 124.7

160 54.5 46.0 69.0



#14

2,4,6-Tribromophenol

Concen: 0.152 ng

RT: 15.945 min Scan# 1575

Delta R.T. -0.011 min

Lab File: BN035892.D

Acq: 06 Jan 2025 11:52

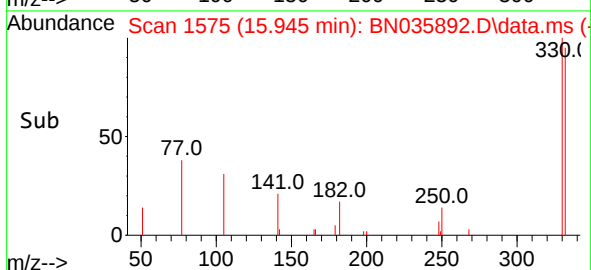
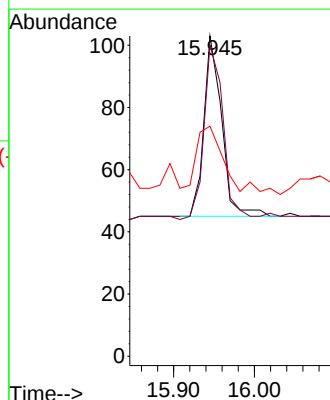
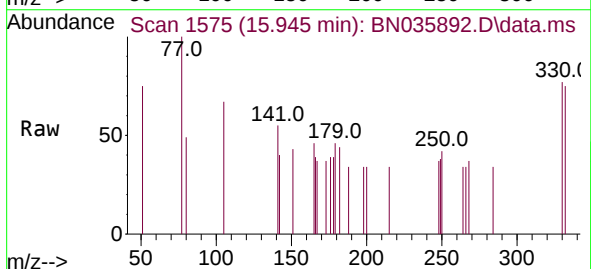
Tgt Ion:330 Resp: 89

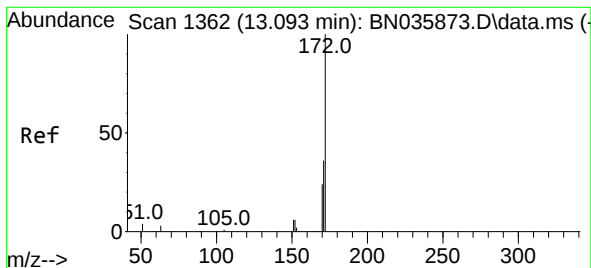
Ion Ratio Lower Upper

330 100

332 104.5 77.2 115.8

141 60.7 31.6 47.4#





#15

2-Fluorobiphenyl

Concen: 0.254 ng

RT: 13.094 min Scan# 1

Delta R.T. 0.001 min

Lab File: BN035892.D

Acq: 06 Jan 2025 11:52

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190A-GW-803-805

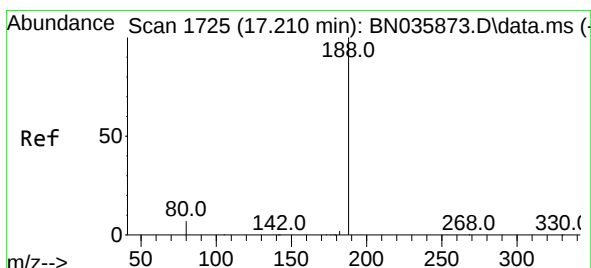
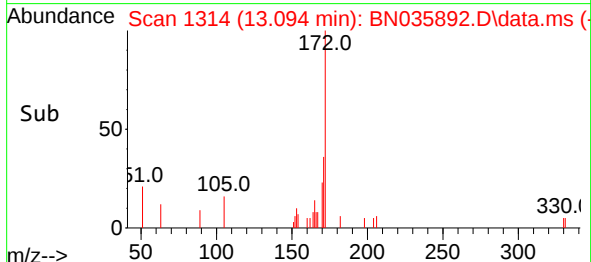
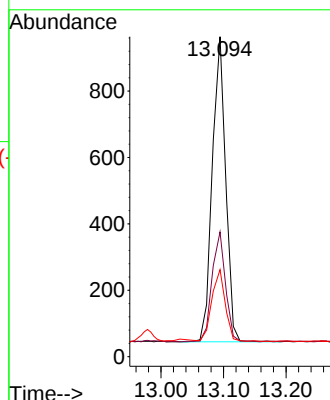
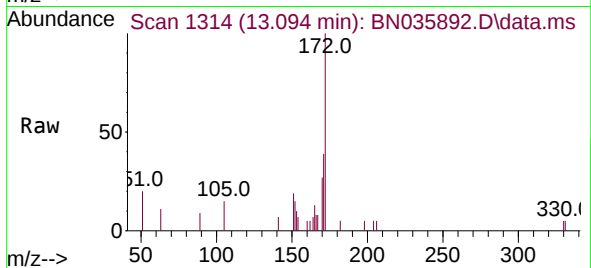
Tgt Ion:172 Resp: 1359

Ion Ratio Lower Upper

172 100

171 39.0 30.5 45.7

170 27.2 20.8 31.2



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.199 min Scan# 1676

Delta R.T. -0.011 min

Lab File: BN035892.D

Acq: 06 Jan 2025 11:52

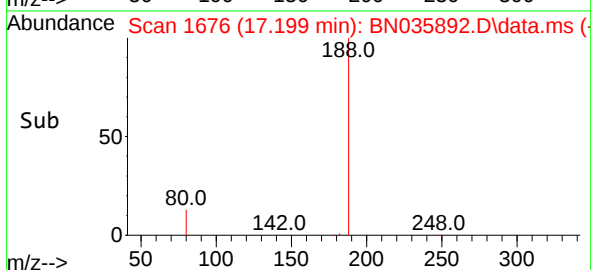
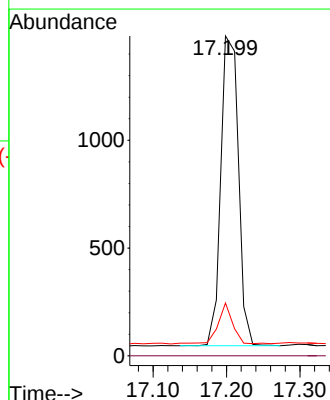
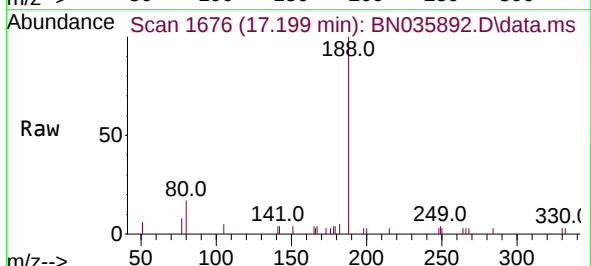
Tgt Ion:188 Resp: 2394

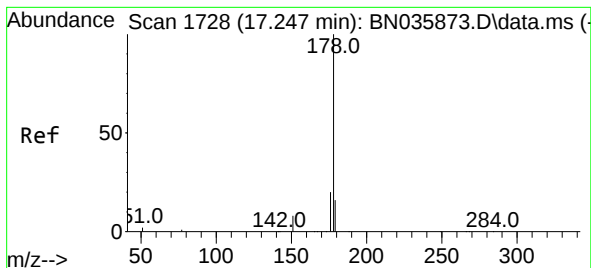
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.5 7.3 10.9#





#25

Phenanthrene

Concen: 0.023 ng

RT: 17.248 min Scan# 1

Delta R.T. 0.001 min

Lab File: BN035892.D

Acq: 06 Jan 2025 11:52

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190A-GW-803-805

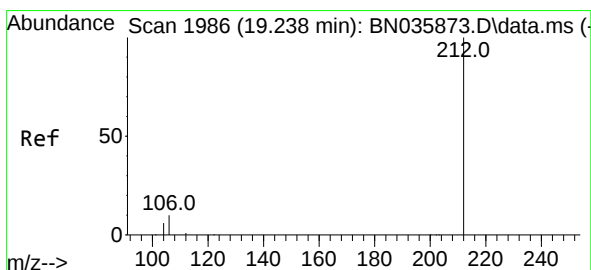
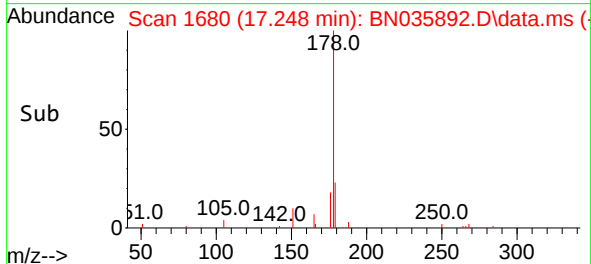
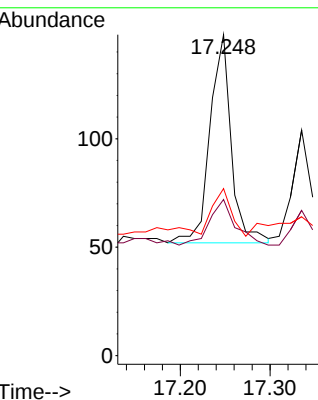
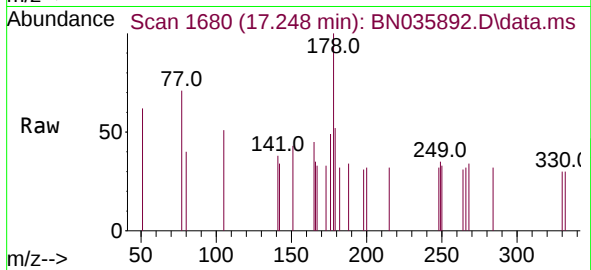
Tgt Ion:178 Resp: 159

Ion Ratio Lower Upper

178 100

176 26.4 15.9 23.9#

179 20.8 12.9 19.3#



#27

Fluoranthene-d10

Concen: 0.323 ng

RT: 19.234 min Scan# 1937

Delta R.T. -0.004 min

Lab File: BN035892.D

Acq: 06 Jan 2025 11:52

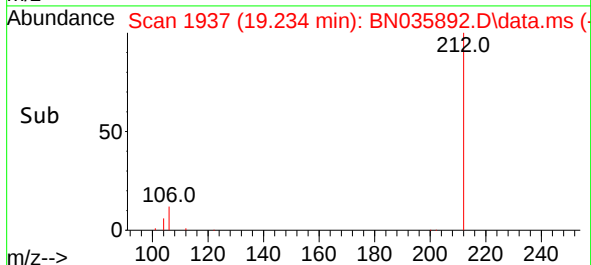
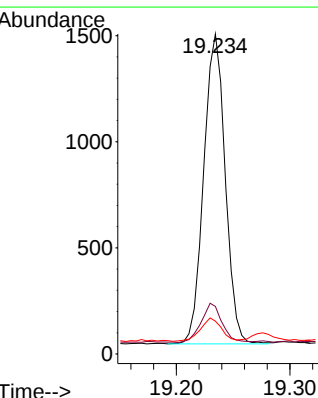
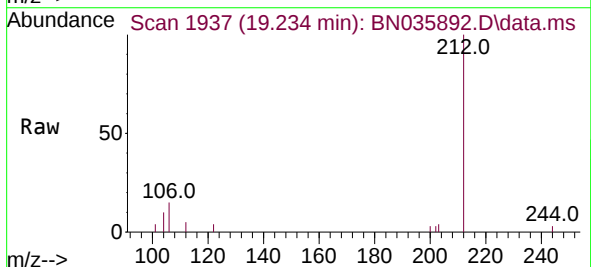
Tgt Ion:212 Resp: 1917

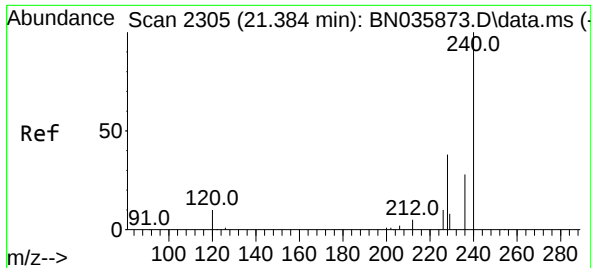
Ion Ratio Lower Upper

212 100

106 12.3 9.0 13.6

104 7.3 5.4 8.2

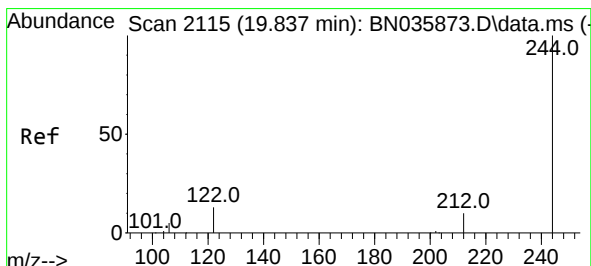
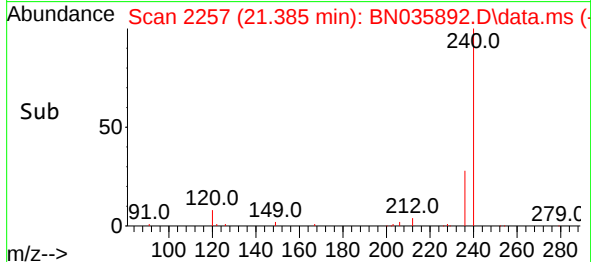
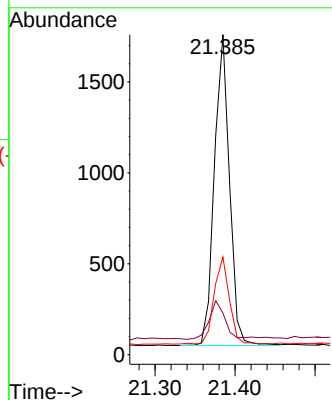
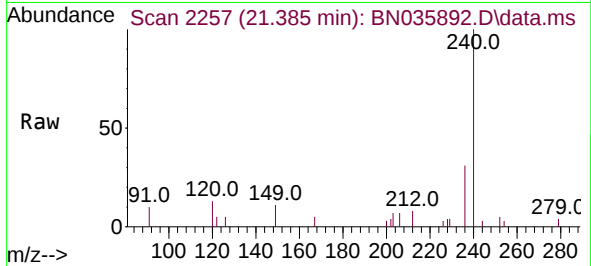




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.385 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN035892.D
Acq: 06 Jan 2025 11:52

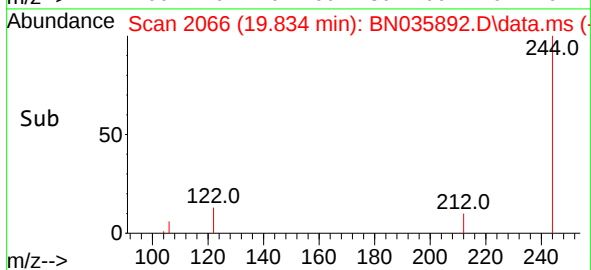
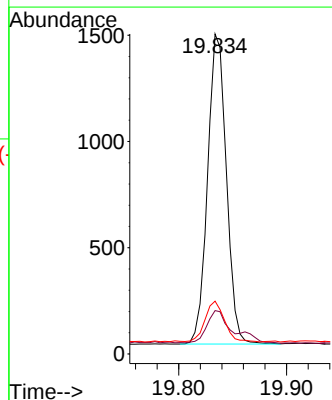
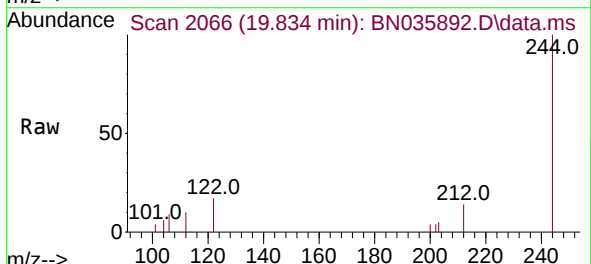
Instrument :
BNA_N
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BP-VPB-190A-GW-803-805

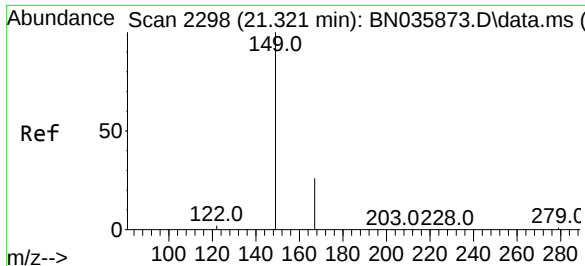
Tgt Ion:240 Resp: 2243
Ion Ratio Lower Upper
240 100
120 13.0 11.1 16.7
236 30.5 24.6 36.8



#31
Terphenyl-d14
Concen: 0.395 ng
RT: 19.834 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BN035892.D
Acq: 06 Jan 2025 11:52

Tgt Ion:244 Resp: 1765
Ion Ratio Lower Upper
244 100
212 13.5 10.1 15.1
122 16.5 12.2 18.4

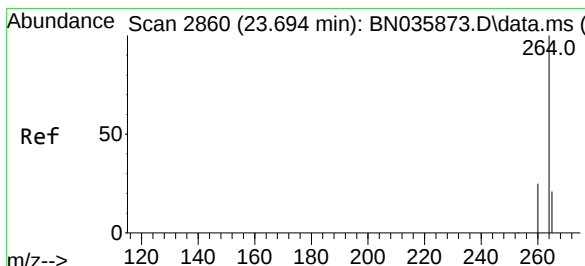
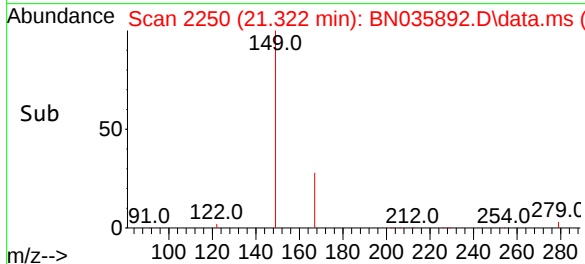
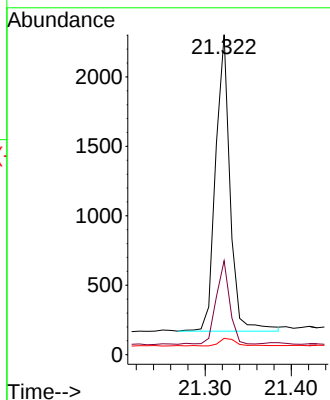
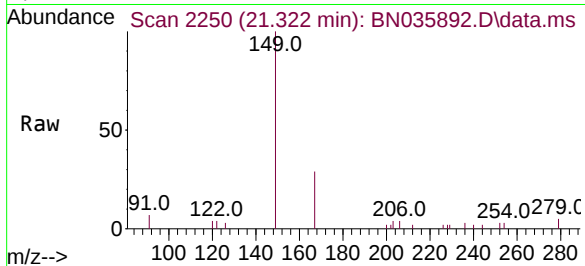




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.776 ng
 RT: 21.322 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BN035892.D
 Acq: 06 Jan 2025 11:52

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190A-GW-803-805

Tgt Ion:149 Resp: 2495
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.4 32.0
 279 2.8 3.0 4.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.686 min Scan# 2809
 Delta R.T. -0.008 min
 Lab File: BN035892.D
 Acq: 06 Jan 2025 11:52

Tgt Ion:264 Resp: 2747
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.7 32.5
 265 49.7 33.9 50.9

