

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011025\
 Data File : BN035909.D
 Acq On : 10 Jan 2025 19:32
 Operator : RC/JU
 Sample : Q1062-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB190A-HYD-20250107

Quant Time: Jan 10 21:47:28 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)

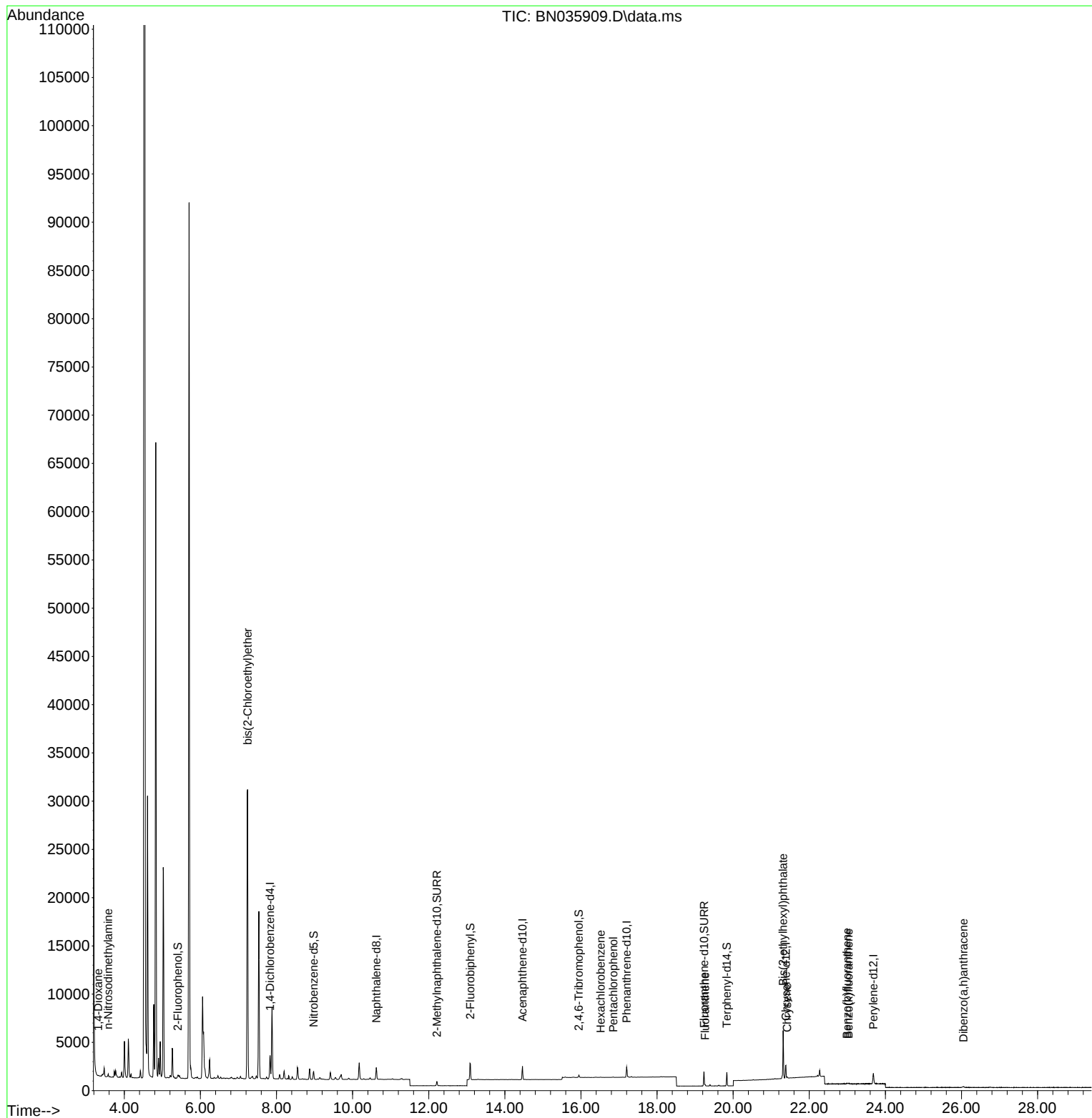
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	817	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1521	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	731	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	1449	0.400	ng	#-0.01
29) Chrysene-d12	21.385	240	1298	0.400	ng	0.00
35) Perylene-d12	23.683	264	1410	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	144	0.072	ng	0.00
5) Phenol-d6	6.979	99	16	0.006	ng	0.00
8) Nitrobenzene-d5	8.977	82	617	0.512	ng	0.00
11) 2-Methylnaphthalene-d10	12.213	152	564	0.277	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	135	0.385	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	1521	0.474	ng	0.00
27) Fluoranthene-d10	19.234	212	1655	0.460	ng	0.00
31) Terphenyl-d14	19.834	244	1311	0.507	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	23	0.028	ng	# 1
3) n-Nitrosodimethylamine	3.578	42	251	0.177	ng	# 25
6) bis(2-Chloroethyl)ether	7.239	93	15654	8.254	ng	# 45
22) Hexachlorobenzene	16.516	284	28	0.021	ng	# 90
24) Pentachlorophenol	16.851	266	19	0.040	ng	# 76
28) Fluoranthene	19.262	202	113	0.023	ng	# 96
33) Chrysene	21.421	228	111	0.023	ng	# 46
34) Bis(2-ethylhexyl)phtha...	21.313	149	4439	2.384	ng	96
37) Benzo(b)fluoranthene	22.991	252	116	0.024	ng	# 1
38) Benzo(k)fluoranthene	23.034	252	104	0.022	ng	# 1
40) Dibenzo(a,h)anthracene	26.052	278	89	0.020	ng	# 1

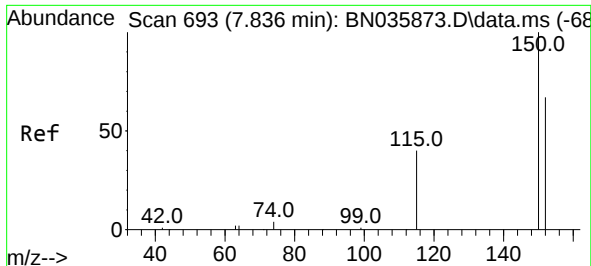
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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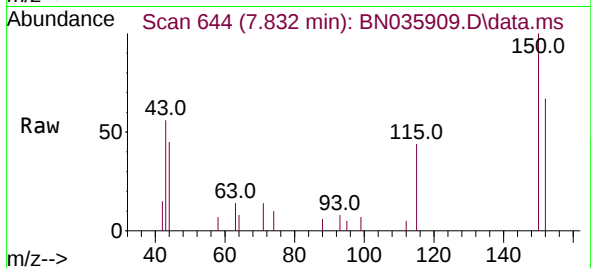
Quant Time: Jan 10 21:47:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
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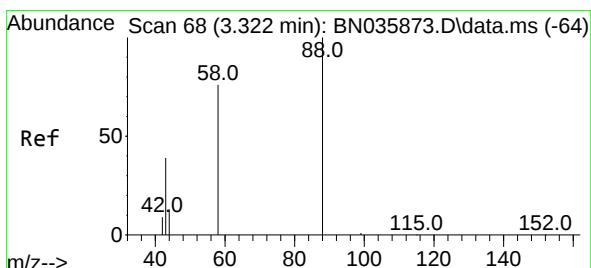
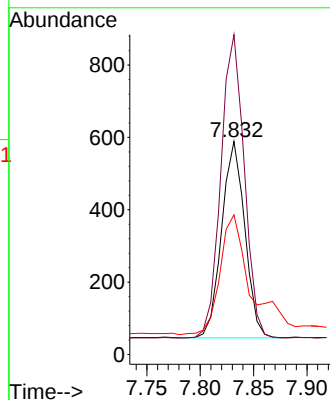
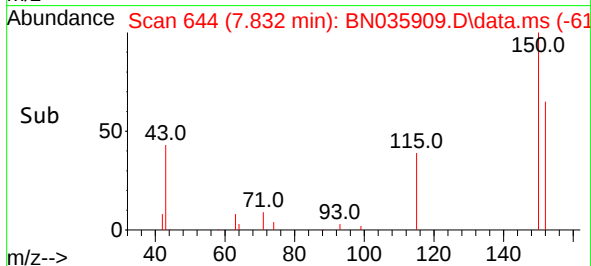


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.832 min Scan# 64
 Delta R.T. -0.005 min
 Lab File: BN035909.D
 Acq: 10 Jan 2025 19:32

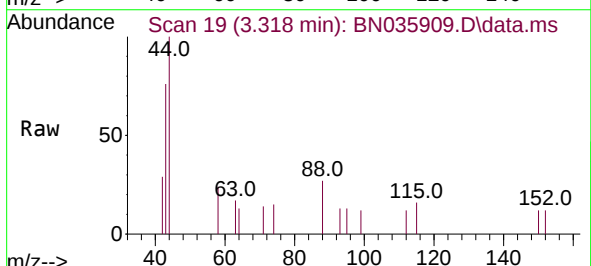
Instrument :
 BNA_N
 ClientSampleId :
 VPB190A-HYD-20250107



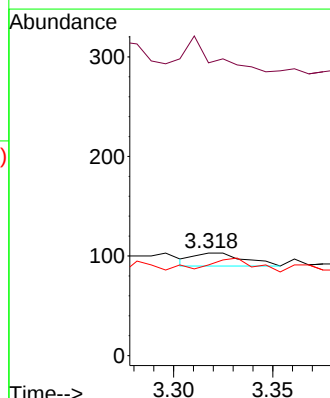
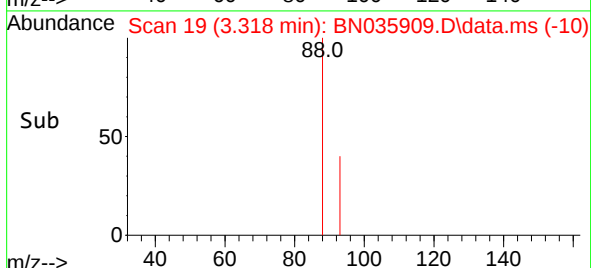
Tgt Ion:152 Resp: 817
 Ion Ratio Lower Upper
 152 100
 150 150.1 117.8 176.6
 115 65.5 51.0 76.4

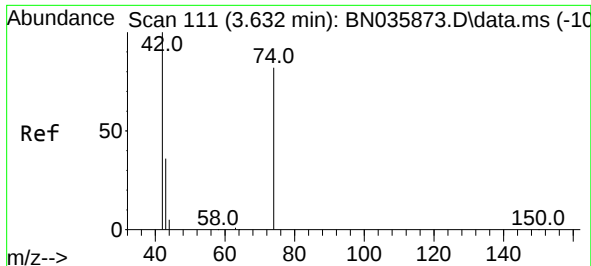


#2
 1,4-Dioxane
 Concen: 0.028 ng
 RT: 3.318 min Scan# 19
 Delta R.T. -0.004 min
 Lab File: BN035909.D
 Acq: 10 Jan 2025 19:32



Tgt Ion: 88 Resp: 23
 Ion Ratio Lower Upper
 88 100
 43 143.5 32.7 49.1#
 58 0.0 63.0 94.4#

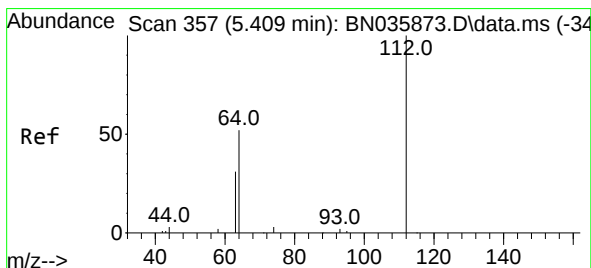
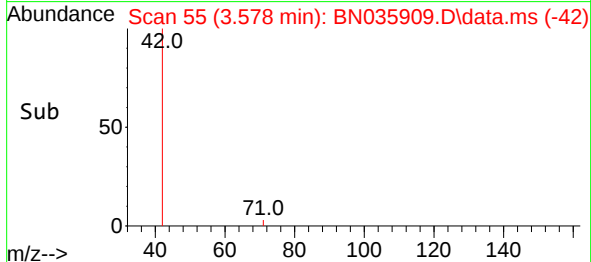
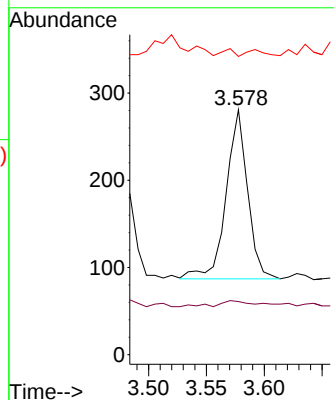
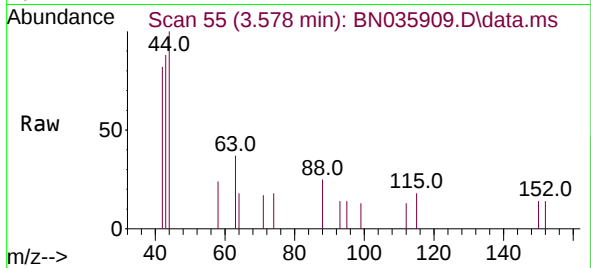




#3
n-Nitrosodimethylamine
Concen: 0.177 ng
RT: 3.578 min Scan# 51
Delta R.T. -0.055 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

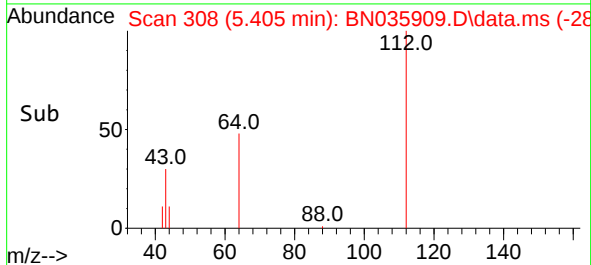
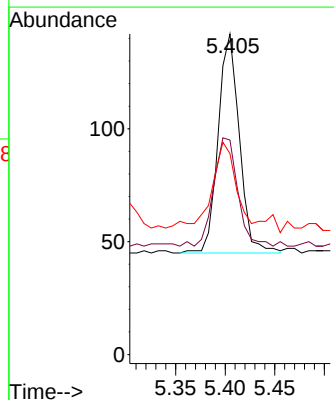
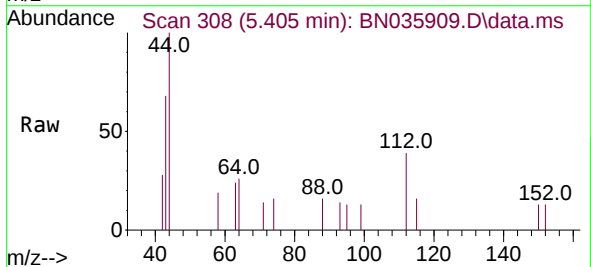
Instrument :
BNA_N
ClientSampleId :
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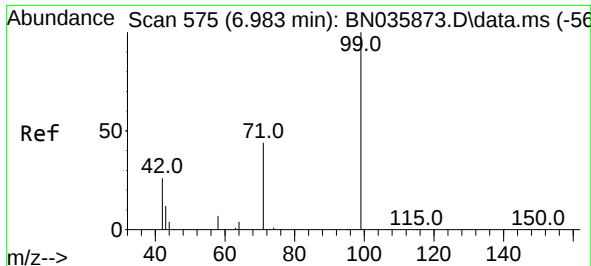
Tgt Ion: 42 Resp: 251
Ion Ratio Lower Upper
42 100
74 7.6 62.2 93.2#
44 0.0 7.1 10.7#



#4
2-Fluorophenol
Concen: 0.072 ng
RT: 5.405 min Scan# 308
Delta R.T. -0.004 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion: 112 Resp: 144
Ion Ratio Lower Upper
112 100
64 56.9 48.2 72.2
63 44.4 30.0 45.0

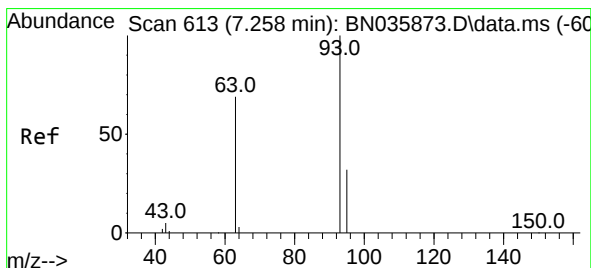
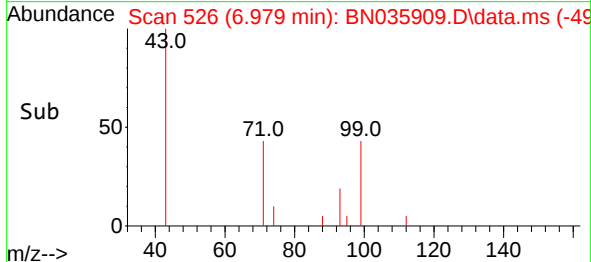
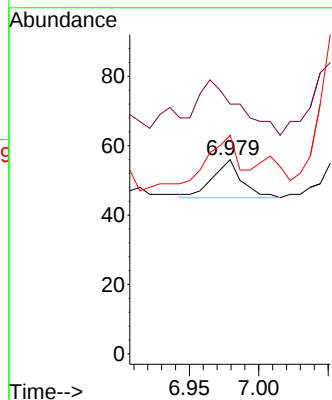
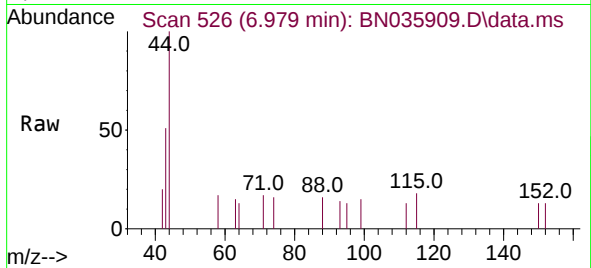




#5
Phenol-d6
Concen: 0.006 ng
RT: 6.979 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

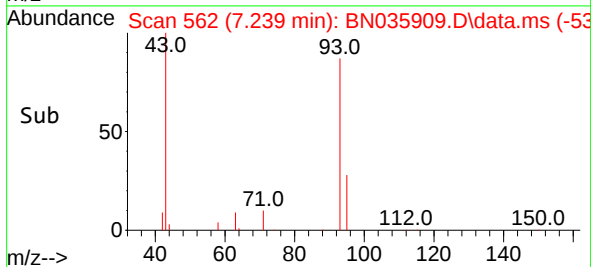
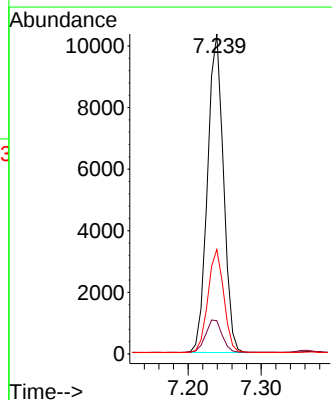
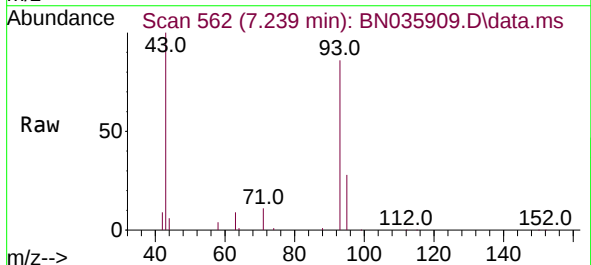
Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20250107

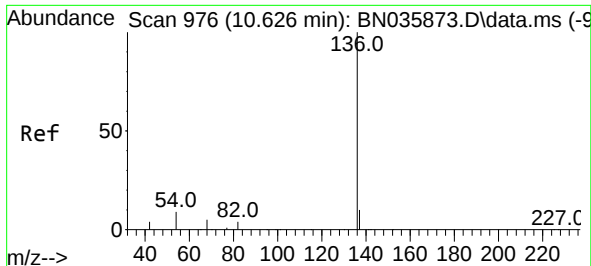
Tgt Ion: 99 Resp: 16
Ion Ratio Lower Upper
99 100
42 193.8 23.5 35.3#
71 156.3 35.5 53.3#



#6
bis(2-Chloroethyl)ether
Concen: 8.254 ng
RT: 7.239 min Scan# 562
Delta R.T. -0.018 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion: 93 Resp: 15654
Ion Ratio Lower Upper
93 100
63 10.6 62.0 93.0#
95 32.1 25.5 38.3

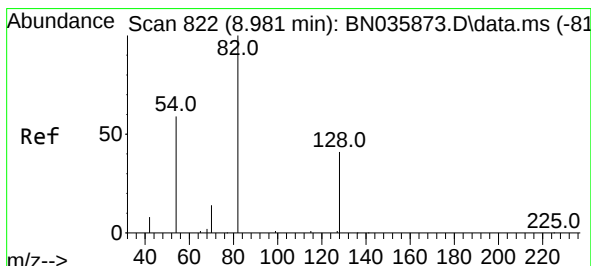
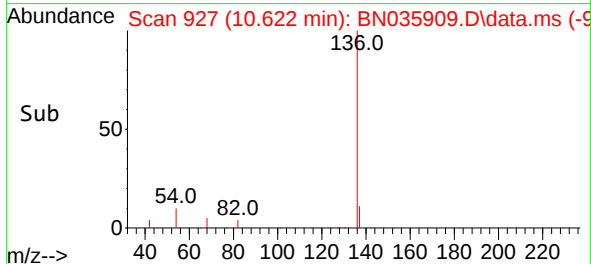
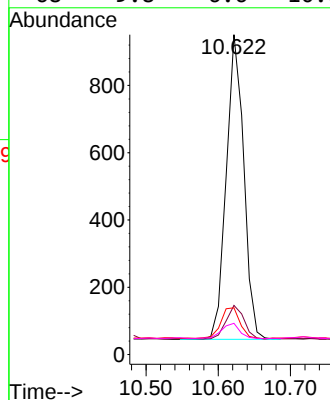
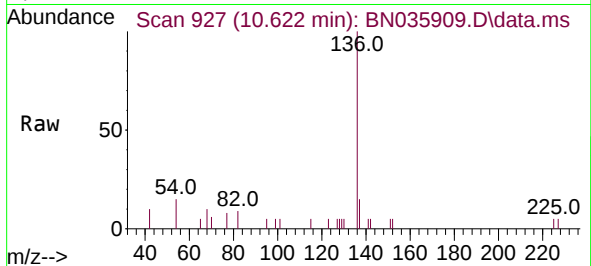




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 91
Delta R.T. -0.004 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

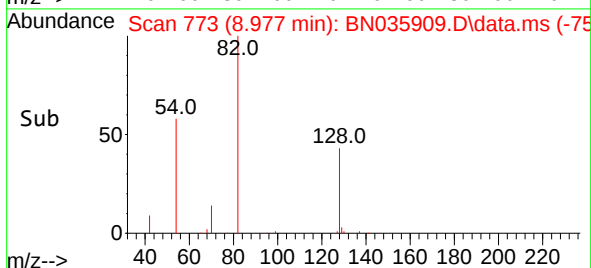
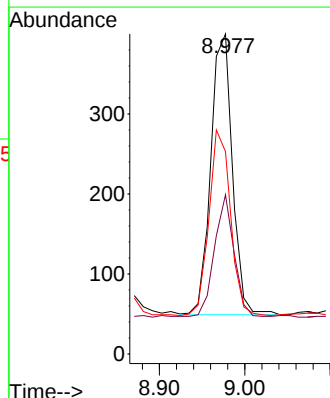
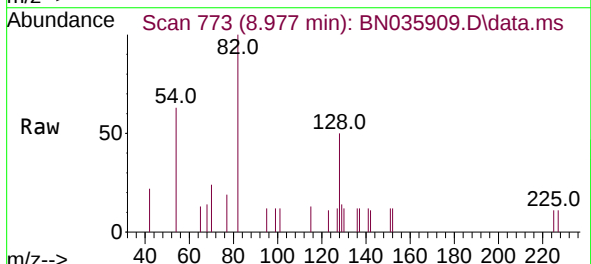
Instrument :
BNA_N
ClientSampleId :
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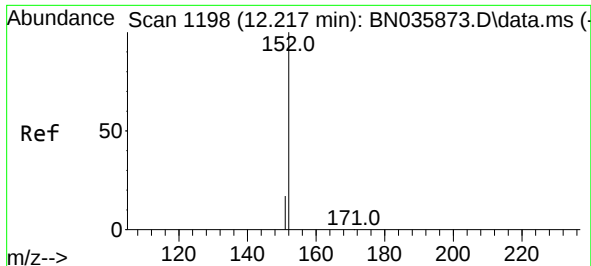
Tgt Ion:	136	Resp:	1521
Ion	Ratio	Lower	Upper
136	100		
137	15.4	10.6	15.8
54	14.6	9.8	14.6
68	9.8	6.6	10.0



#8
Nitrobenzene-d5
Concen: 0.512 ng
RT: 8.977 min Scan# 773
Delta R.T. -0.004 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:	82	Resp:	617
Ion	Ratio	Lower	Upper
82	100		
128	49.8	36.9	55.3
54	63.2	50.4	75.6

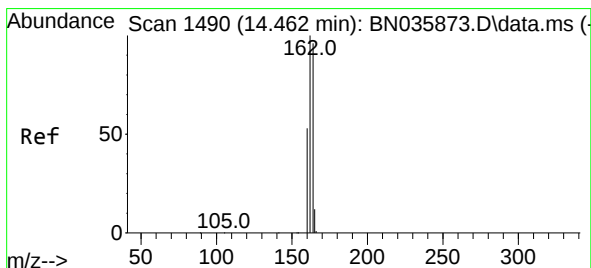
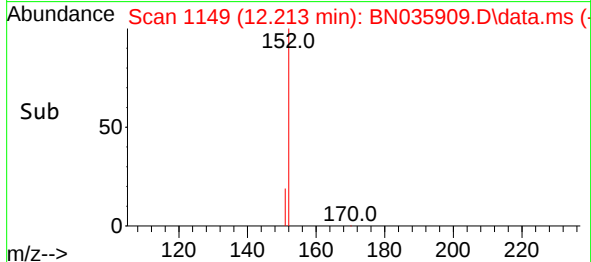
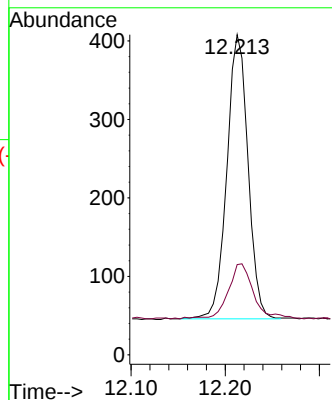
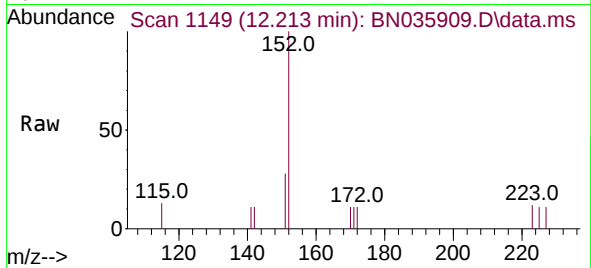




#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.213 min Scan# 1198
Delta R.T. -0.004 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

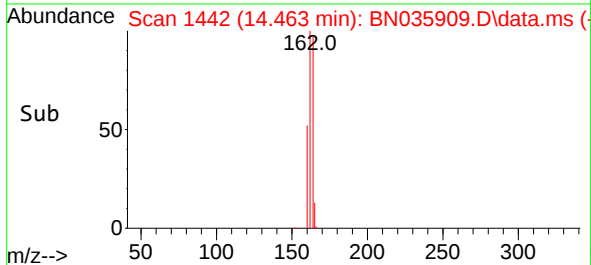
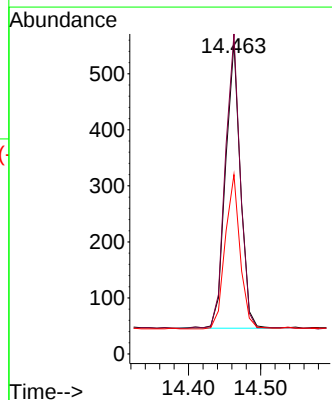
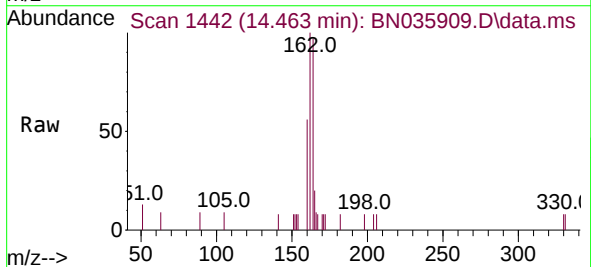
Instrument :
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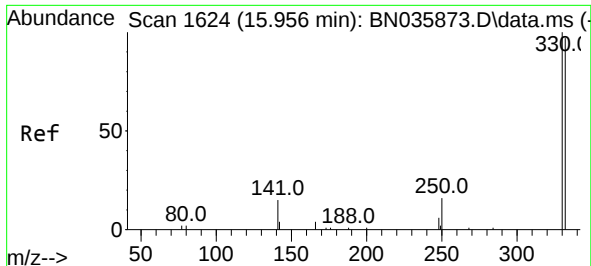
Tgt Ion:152 Resp: 564
Ion Ratio Lower Upper
152 100
151 23.2 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1442
Delta R.T. 0.001 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:164 Resp: 731
Ion Ratio Lower Upper
164 100
162 102.7 83.1 124.7
160 57.6 46.0 69.0

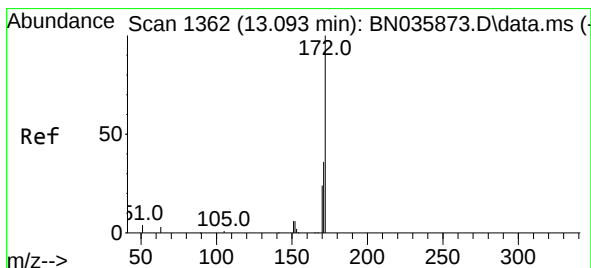
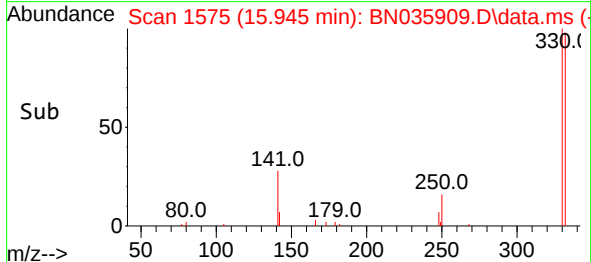
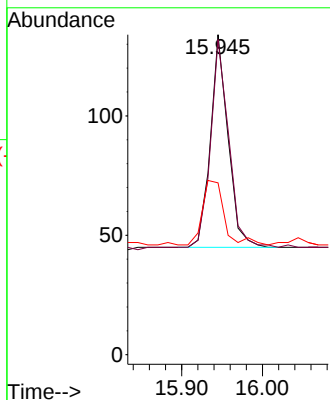
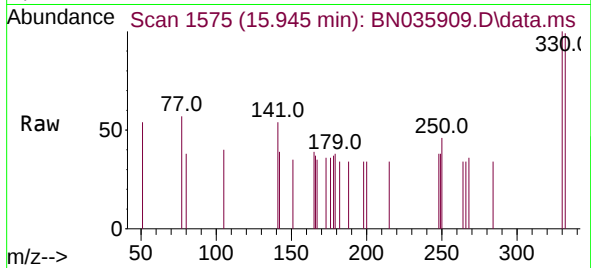




#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 15.945 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

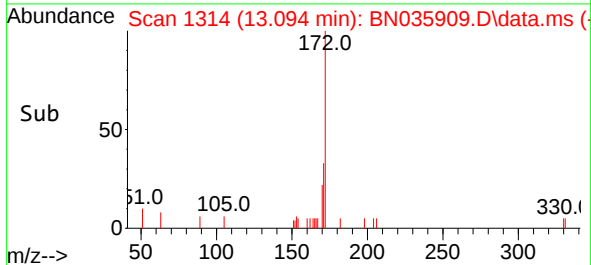
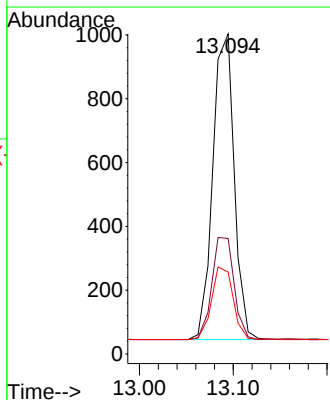
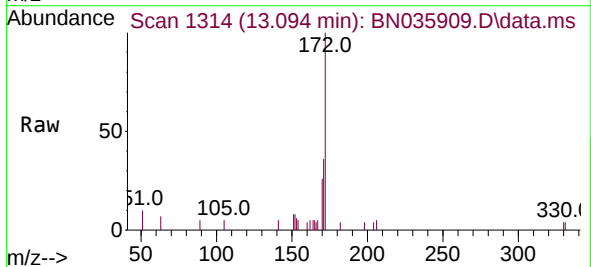
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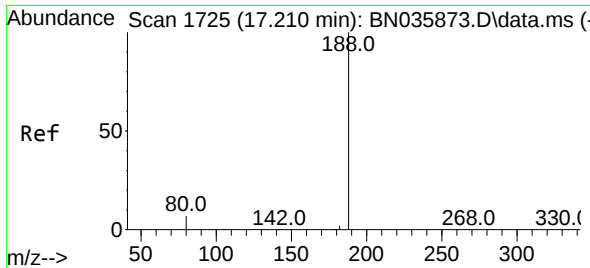
Tgt Ion:330 Resp: 135
Ion Ratio Lower Upper
330 100
332 108.9 77.2 115.8
141 37.8 31.6 47.4



#15
2-Fluorobiphenyl
Concen: 0.474 ng
RT: 13.094 min Scan# 1314
Delta R.T. 0.001 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:172 Resp: 1521
Ion Ratio Lower Upper
172 100
171 36.1 30.5 45.7
170 25.6 20.8 31.2

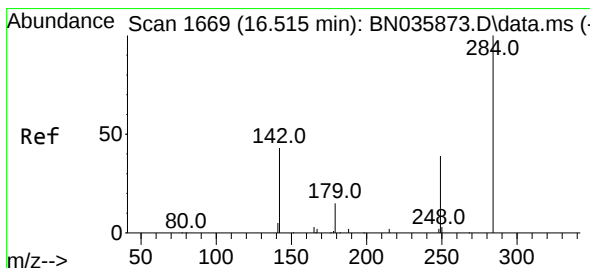
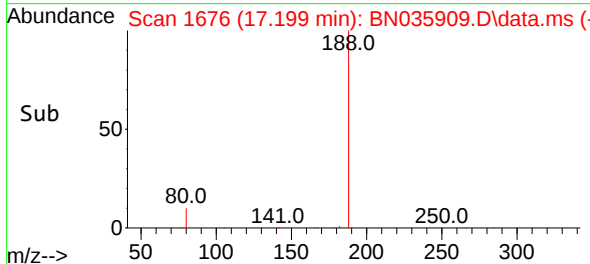
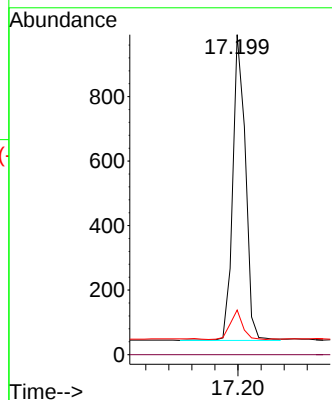
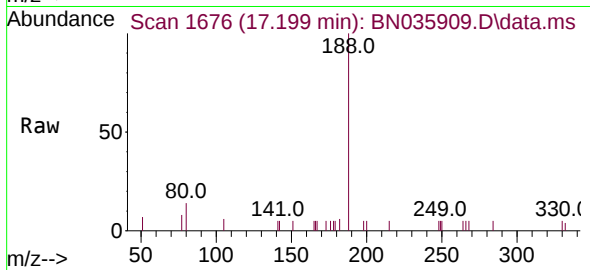




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.199 min Scan# 1676
Delta R.T. -0.011 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

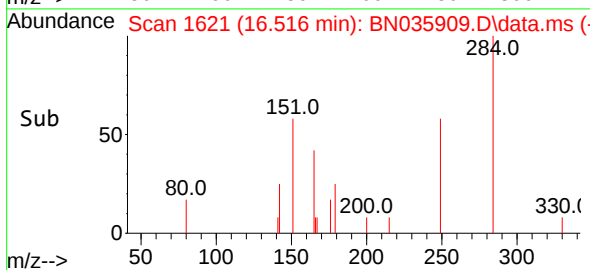
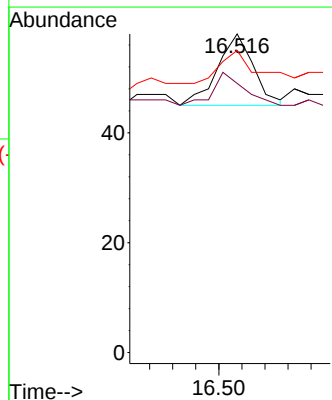
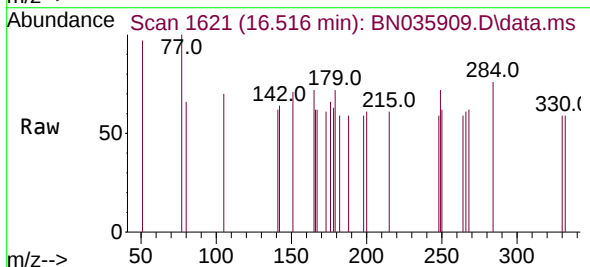
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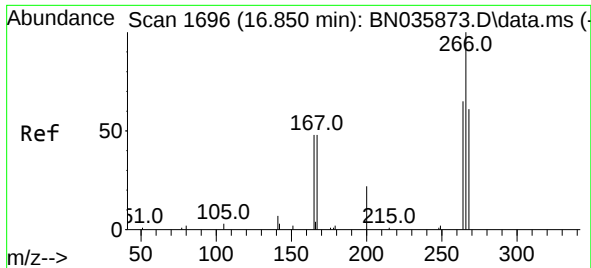
Tgt Ion:188 Resp: 1449
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 7.3 10.9#



#22
Hexachlorobenzene
Concen: 0.021 ng
RT: 16.516 min Scan# 1621
Delta R.T. 0.001 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:284 Resp: 28
Ion Ratio Lower Upper
284 100
142 39.3 31.4 47.0
249 46.4 27.8 41.8#

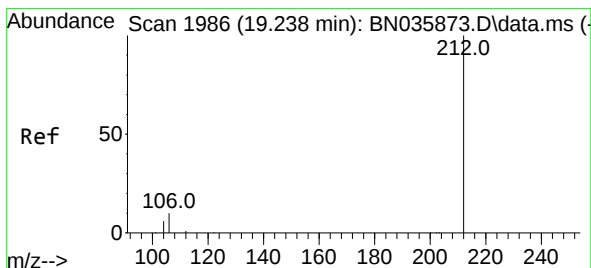
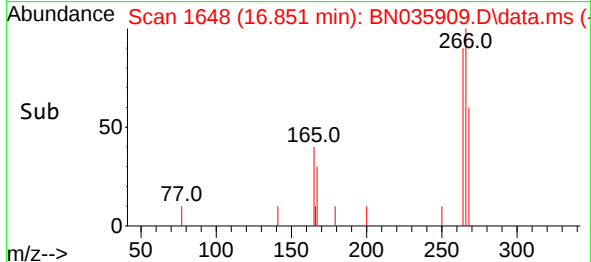
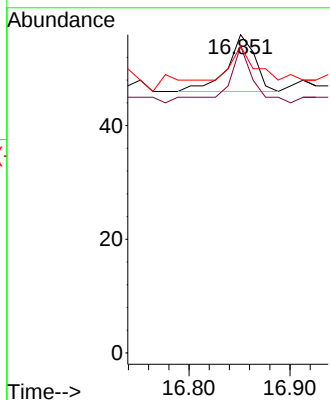
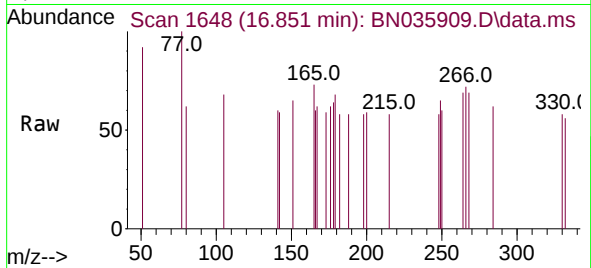




#24
 Pentachlorophenol
 Concen: 0.040 ng
 RT: 16.851 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BN035909.D
 Acq: 10 Jan 2025 19:32

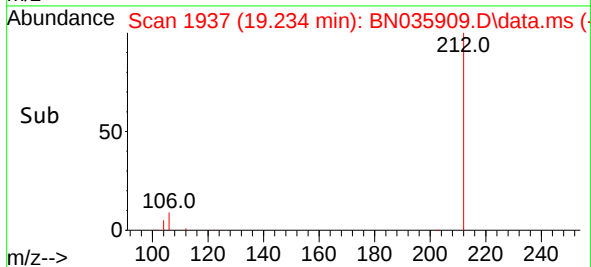
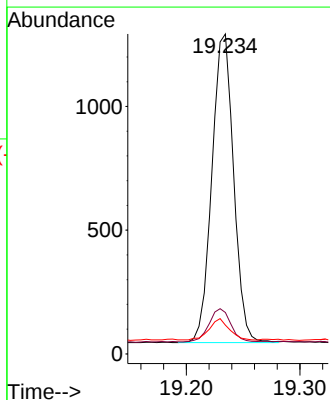
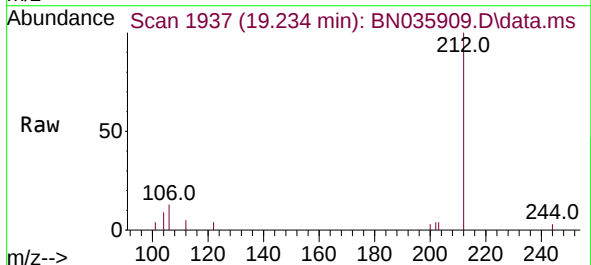
Instrument :
 BNA_N
 ClientSampleId :
 VPB190A-HYD-20250107

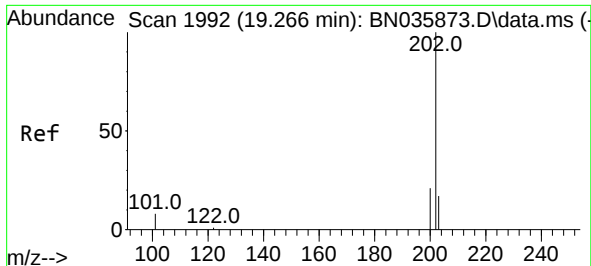
Tgt Ion:266 Resp: 19
 Ion Ratio Lower Upper
 266 100
 264 89.5 49.9 74.9#
 268 52.6 50.2 75.2



#27
 Fluoranthene-d10
 Concen: 0.460 ng
 RT: 19.234 min Scan# 1937
 Delta R.T. -0.004 min
 Lab File: BN035909.D
 Acq: 10 Jan 2025 19:32

Tgt Ion:212 Resp: 1655
 Ion Ratio Lower Upper
 212 100
 106 10.8 9.0 13.6
 104 6.3 5.4 8.2

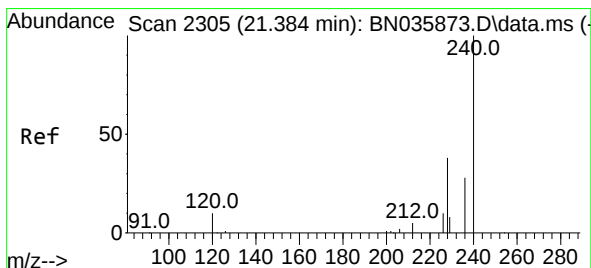
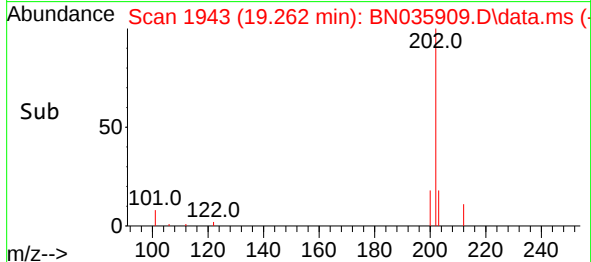
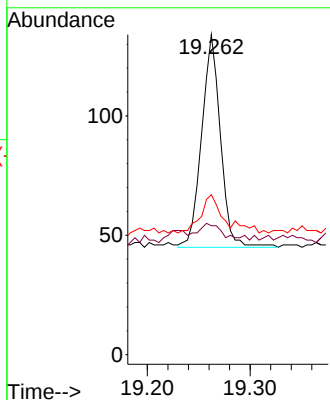
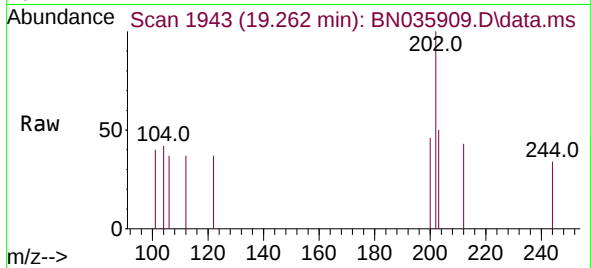




#28
Fluoranthene
Concen: 0.023 ng
RT: 19.262 min Scan# 1992
Delta R.T. -0.004 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

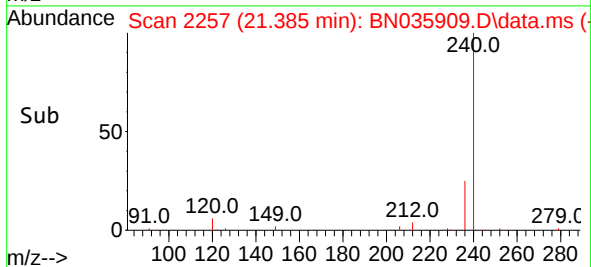
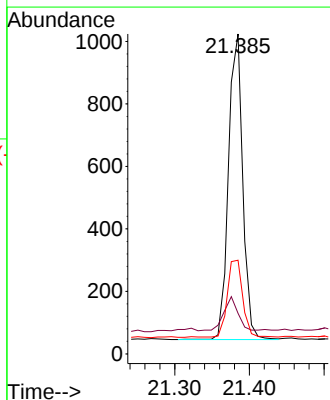
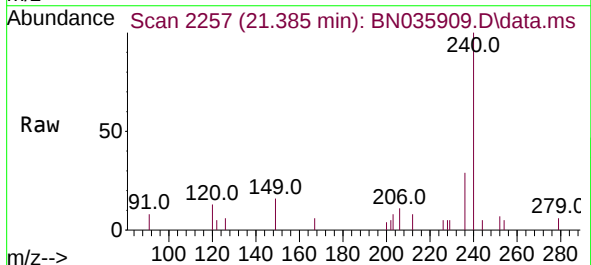
Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20250107

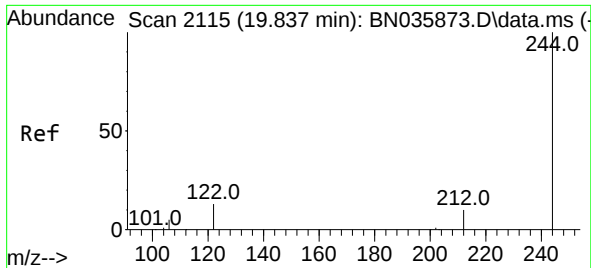
Tgt Ion:202 Resp: 113
Ion Ratio Lower Upper
202 100
101 7.1 7.2 10.8#
203 18.6 13.9 20.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.385 min Scan# 2257
Delta R.T. 0.001 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:240 Resp: 1298
Ion Ratio Lower Upper
240 100
120 12.7 11.1 16.7
236 29.3 24.6 36.8

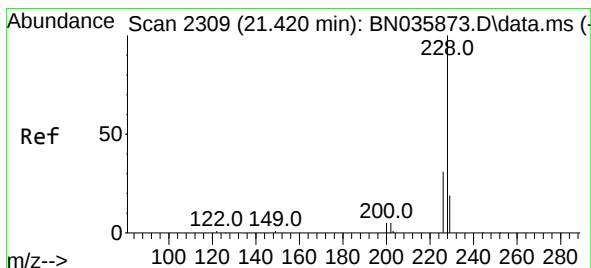
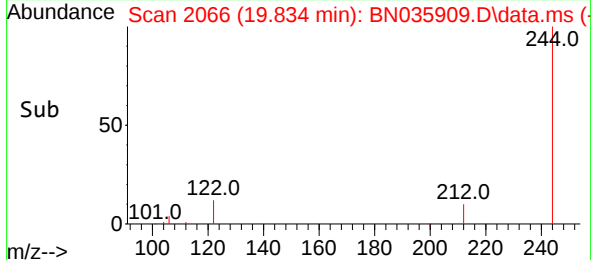
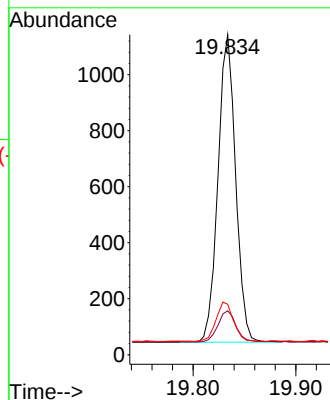
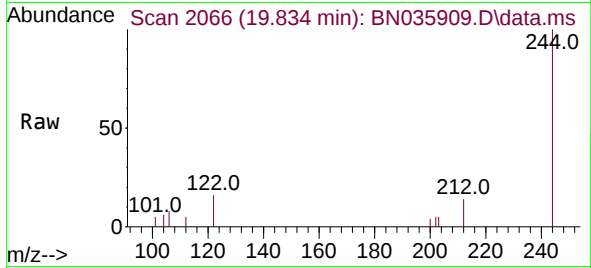




#31
 Terphenyl-d14
 Concen: 0.507 ng
 RT: 19.834 min Scan# 2066
 Delta R.T. -0.004 min
 Lab File: BN035909.D
 Acq: 10 Jan 2025 19:32

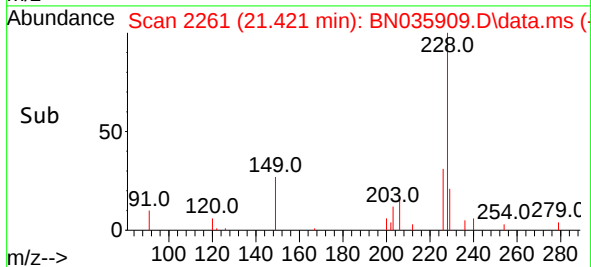
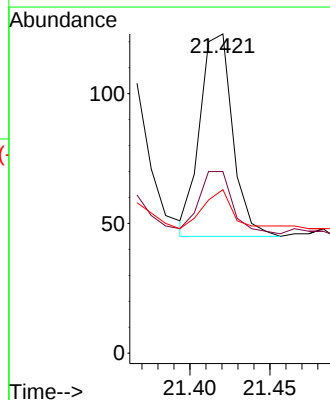
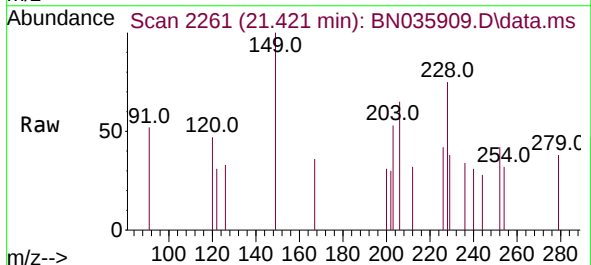
Instrument :
 BNA_N
 ClientSampleId :
 VPB190A-HYD-20250107

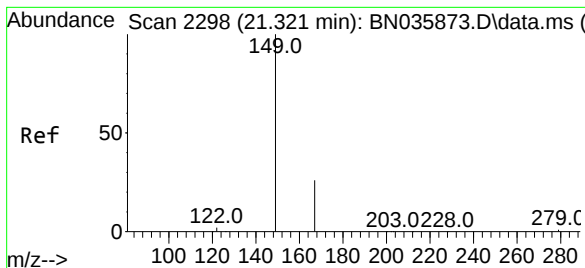
Tgt Ion:244	Resp:	1311
Ion Ratio	Lower	Upper
244	100	
212	13.7	10.1 15.1
122	15.7	12.2 18.4



#33
 Chrysene
 Concen: 0.023 ng
 RT: 21.421 min Scan# 2261
 Delta R.T. 0.001 min
 Lab File: BN035909.D
 Acq: 10 Jan 2025 19:32

Tgt Ion:228	Resp:	111
Ion Ratio	Lower	Upper
228	100	
226	56.9	25.2 37.8#
229	51.2	16.0 24.0#

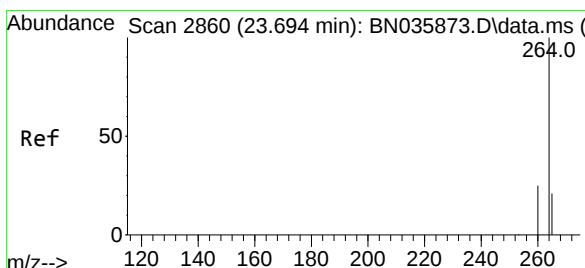
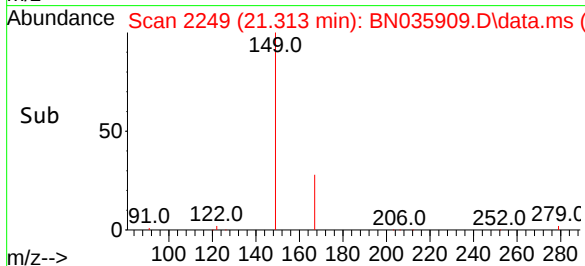
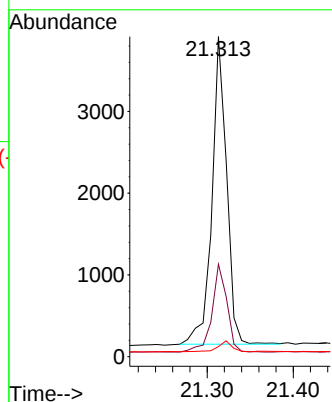
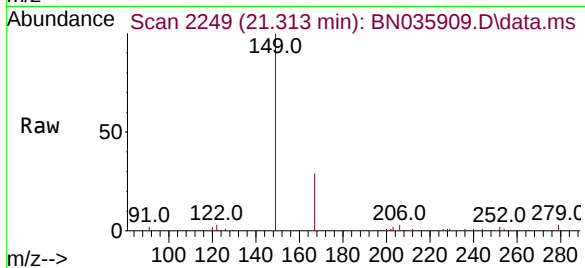




#34
Bis(2-ethylhexyl)phthalate
Concen: 2.384 ng
RT: 21.313 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

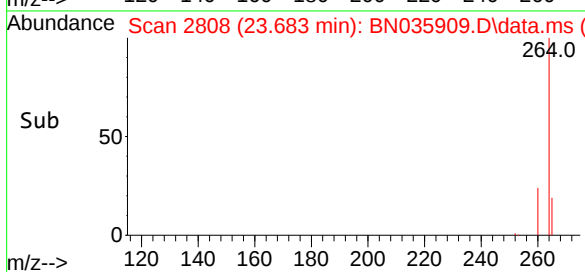
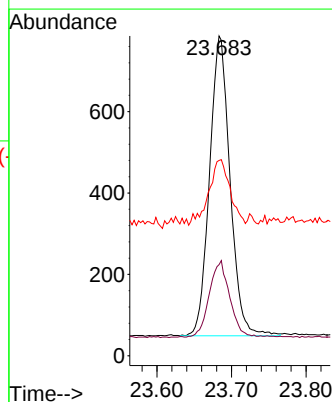
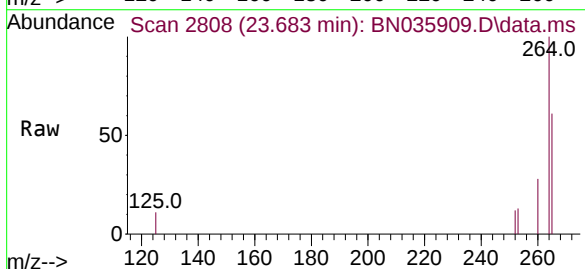
Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20250107

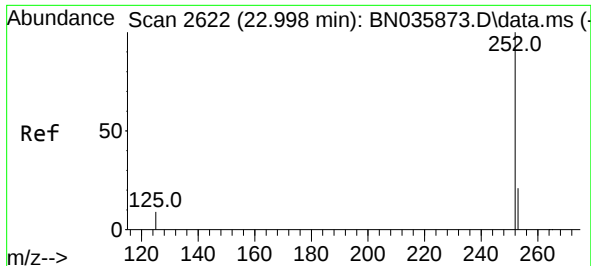
Tgt Ion:149 Resp: 4439
Ion Ratio Lower Upper
149 100
167 29.1 21.4 32.0
279 3.3 3.0 4.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2808
Delta R.T. -0.011 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:264 Resp: 1410
Ion Ratio Lower Upper
264 100
260 28.5 21.7 32.5
265 61.1 33.9 50.9#

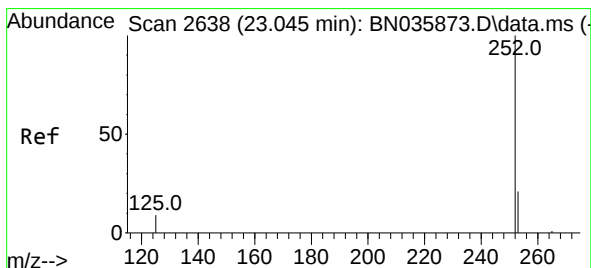
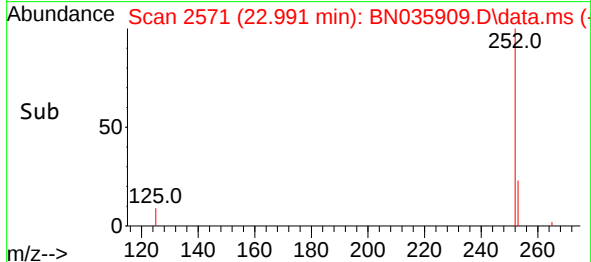
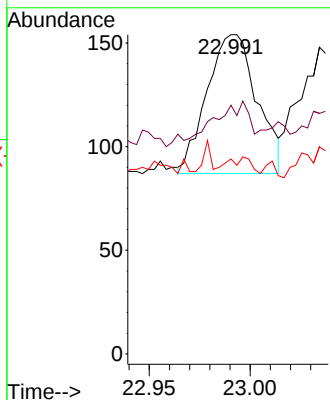
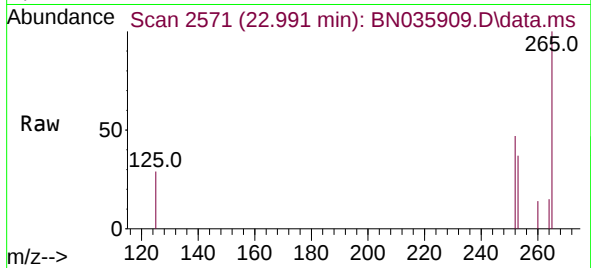




#37
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 22.991 min Scan# 2116
Delta R.T. -0.008 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

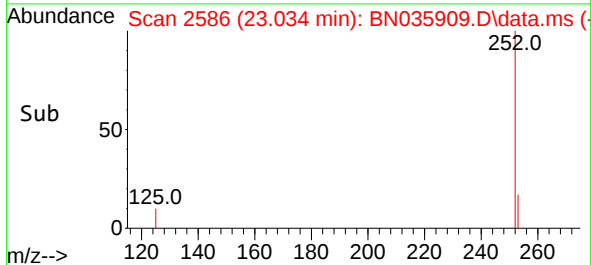
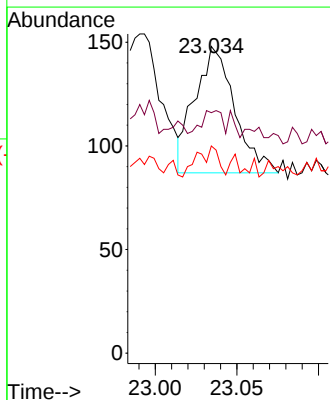
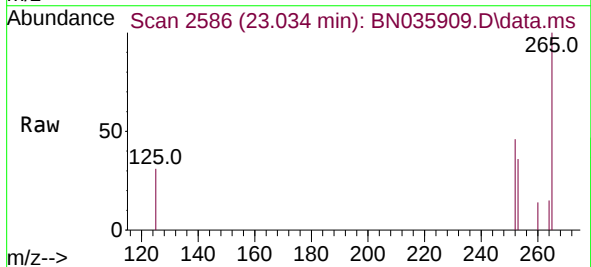
Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20250107

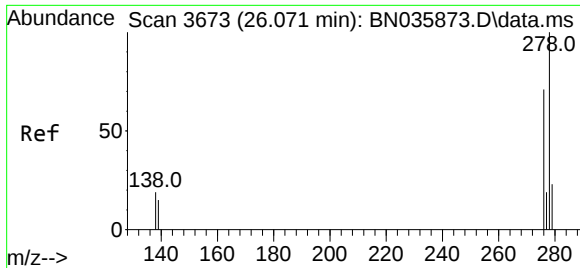
Tgt Ion:252 Resp: 116
Ion Ratio Lower Upper
252 100
253 77.9 20.1 30.1#
125 61.0 9.9 14.9#



#38
Benzo(k)fluoranthene
Concen: 0.022 ng
RT: 23.034 min Scan# 2586
Delta R.T. -0.011 min
Lab File: BN035909.D
Acq: 10 Jan 2025 19:32

Tgt Ion:252 Resp: 104
Ion Ratio Lower Upper
252 100
253 78.4 20.5 30.7#
125 67.6 10.6 16.0#





#40

Dibenzo(a,h)anthracene

Concen: 0.020 ng

RT: 26.052 min Scan# 30

Delta R.T. -0.019 min

Lab File: BN035909.D

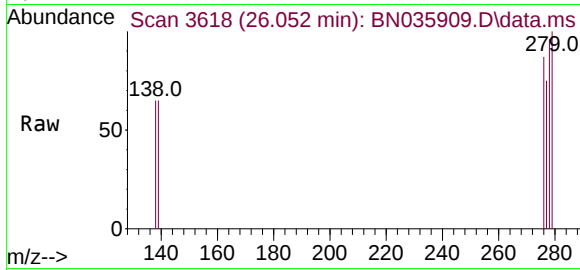
Acq: 10 Jan 2025 19:32

Instrument :

BNA_N

ClientSampleId :

VPB190A-HYD-20250107



Tgt Ion:278 Resp: 89

Ion	Ratio	Lower	Upper
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278	100		
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139	67.9	15.9	23.9#
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279	103.7	23.0	34.4#
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