

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010725\
 Data File : BN035899.D
 Acq On : 07 Jan 2025 16:44
 Operator : RC/JU
 Sample : Q1022-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190A-GW-838-840

Quant Time: Jan 07 17:10:00 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)

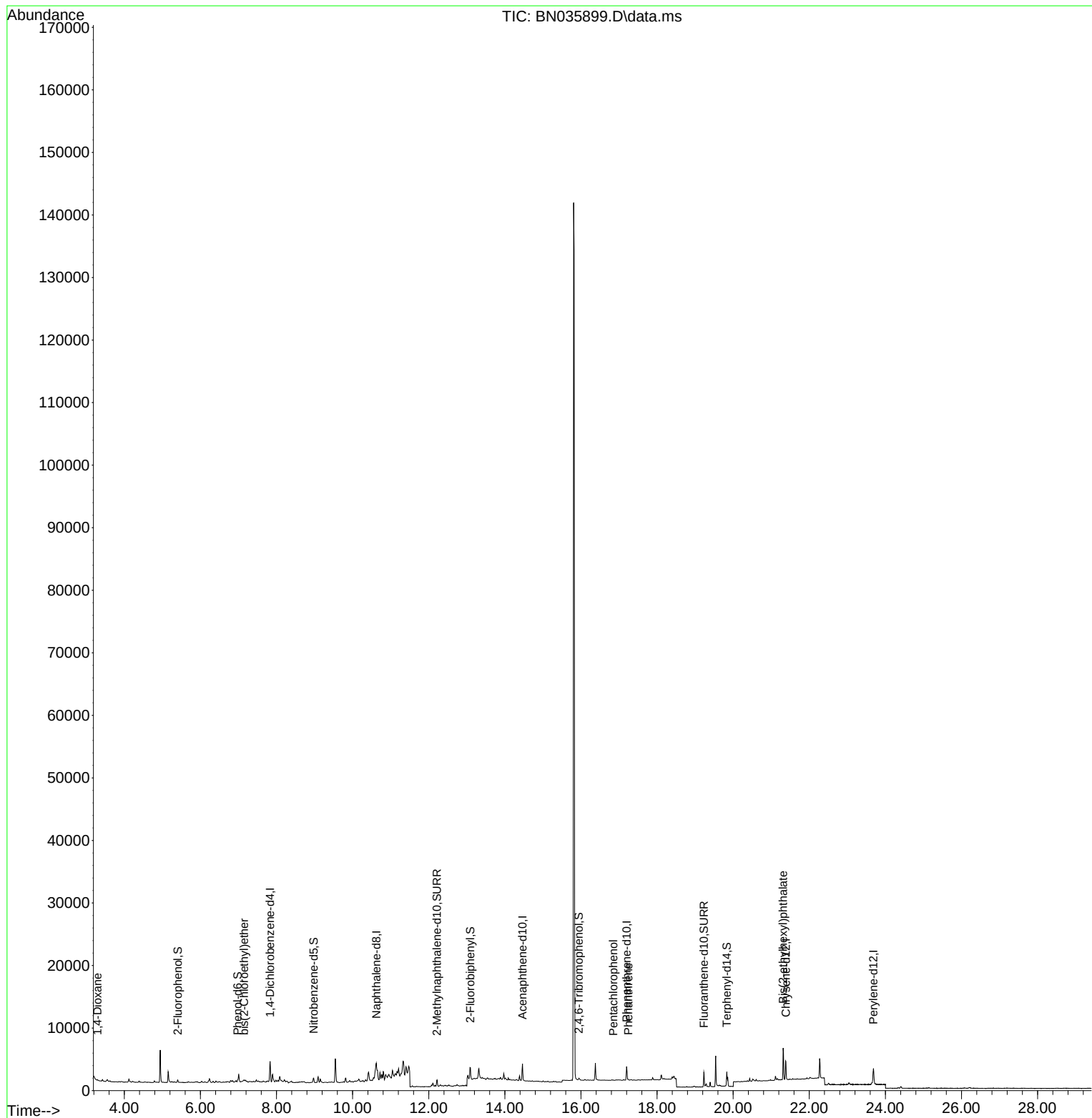
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	1117	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	2226	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	1401	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	2790	0.400	ng	#-0.01
29) Chrysene-d12	21.385	240	2866	0.400	ng	0.00
35) Perylene-d12	23.686	264	3458	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	313	0.114	ng	0.00
5) Phenol-d6	6.979	99	262	0.077	ng	0.00
8) Nitrobenzene-d5	8.977	82	602	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.213	152	1010	0.339	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	158	0.235	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	1613	0.262	ng	0.00
27) Fluoranthene-d10	19.230	212	2540	0.367	ng	0.00
31) Terphenyl-d14	19.834	244	1995	0.349	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.296	88	28	0.025	ng	# 1
6) bis(2-Chloroethyl)ether	7.145	93	167	0.064	ng	# 36
24) Pentachlorophenol	16.851	266	25	0.027	ng	# 66
25) Phenanthrene	17.248	178	188	0.023	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.313	149	5042	1.227	ng	98

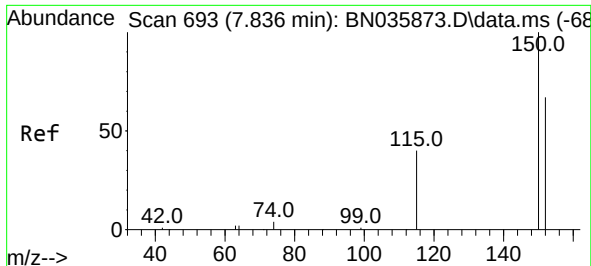
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010725\
Data File : BN035899.D
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BNA_N
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BP-VPB-190A-GW-838-840

Quant Time: Jan 07 17:10:00 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

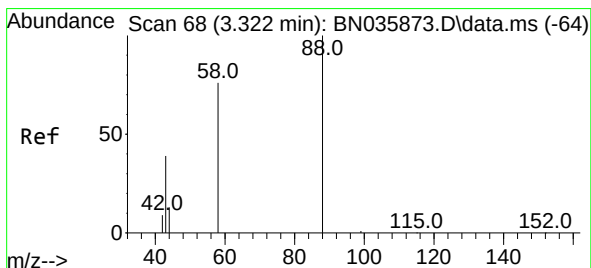
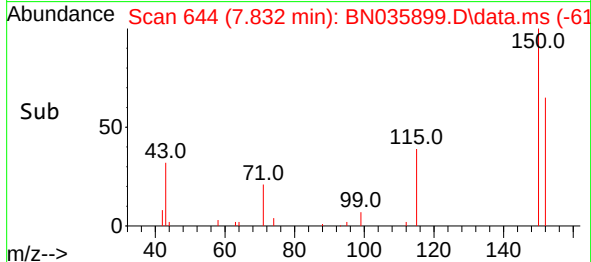
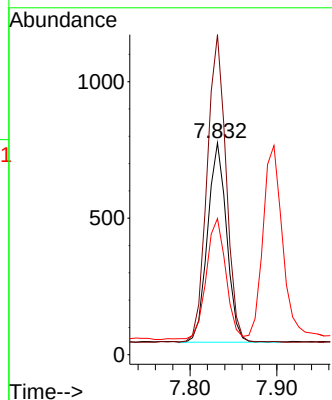
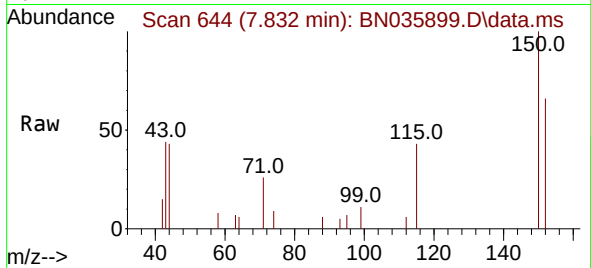




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.832 min Scan# 64
 Delta R.T. -0.004 min
 Lab File: BN035899.D
 Acq: 07 Jan 2025 16:44

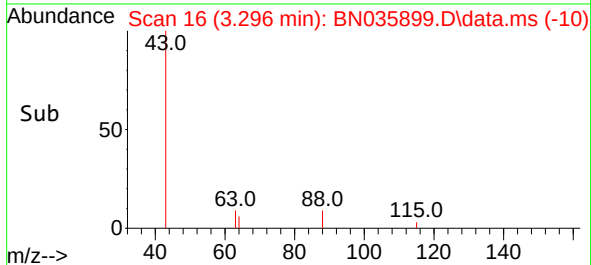
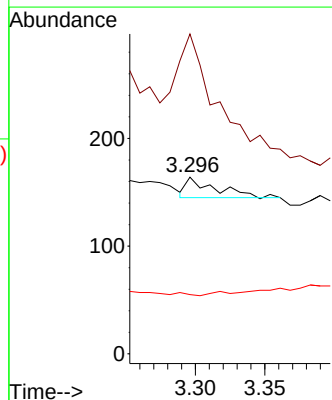
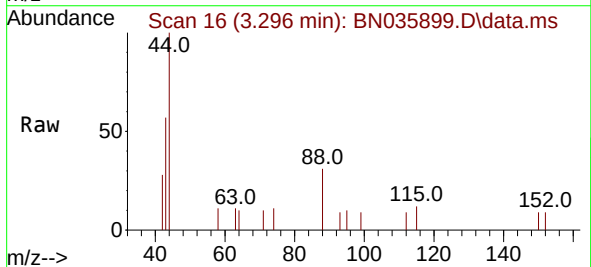
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190A-GW-838-840

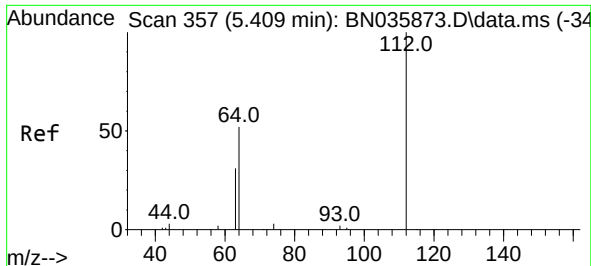
Tgt Ion:152 Resp: 1117
 Ion Ratio Lower Upper
 152 100
 150 151.0 117.8 176.6
 115 64.3 51.0 76.4



#2
 1,4-Dioxane
 Concen: 0.025 ng
 RT: 3.296 min Scan# 16
 Delta R.T. -0.026 min
 Lab File: BN035899.D
 Acq: 07 Jan 2025 16:44

Tgt Ion: 88 Resp: 28
 Ion Ratio Lower Upper
 88 100
 43 732.1 32.7 49.1#
 58 0.0 63.0 94.4#

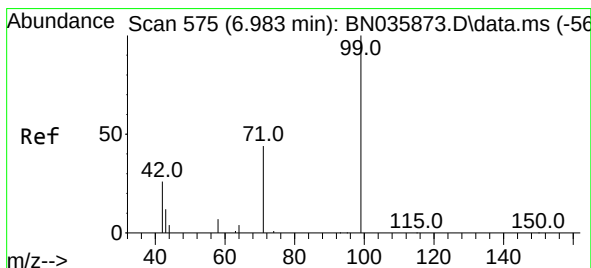
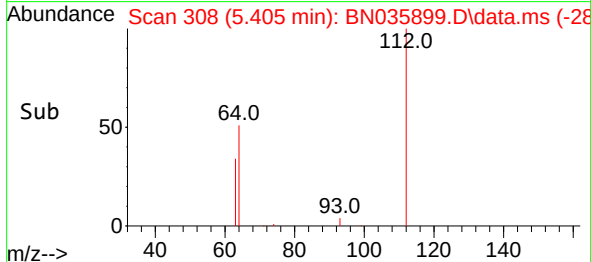
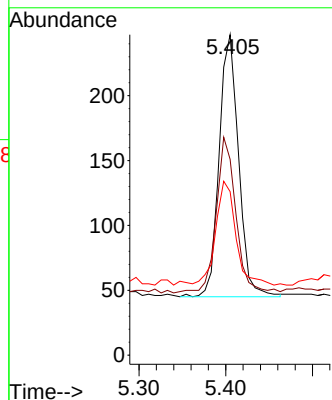
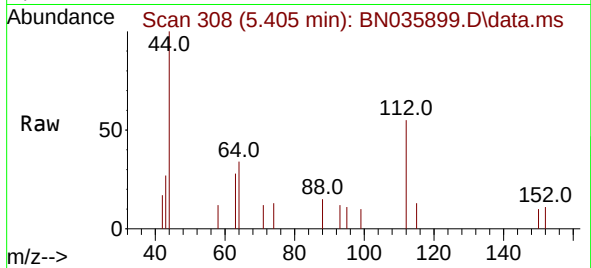




#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.405 min Scan# 308
Delta R.T. -0.004 min
Lab File: BN035899.D
Acq: 07 Jan 2025 16:44

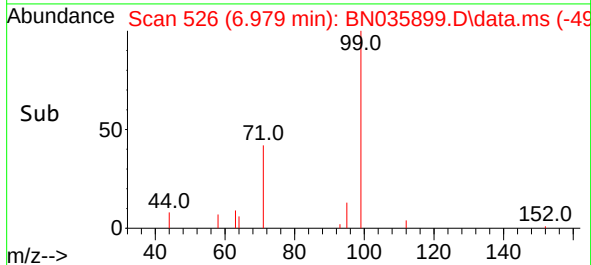
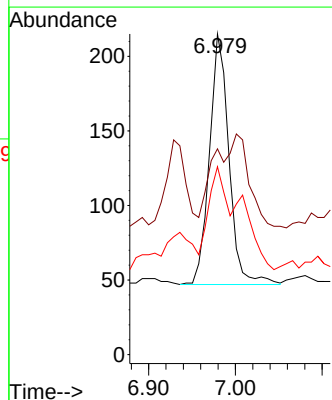
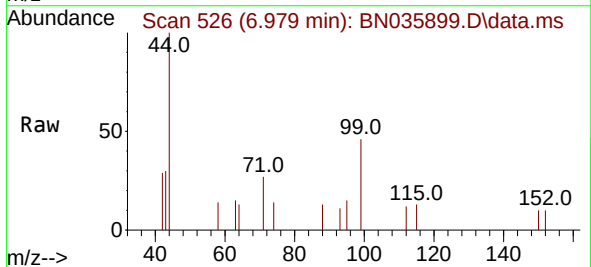
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-838-840

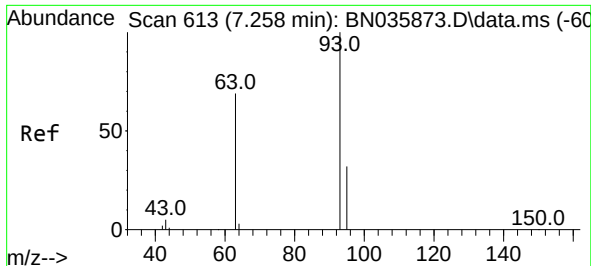
Tgt Ion:112 Resp: 313
Ion Ratio Lower Upper
112 100
64 60.4 48.2 72.2
63 40.9 30.0 45.0



#5
Phenol-d6
Concen: 0.077 ng
RT: 6.979 min Scan# 526
Delta R.T. -0.004 min
Lab File: BN035899.D
Acq: 07 Jan 2025 16:44

Tgt Ion: 99 Resp: 262
Ion Ratio Lower Upper
99 100
42 0.0 23.5 35.3#
71 30.9 35.5 53.3#

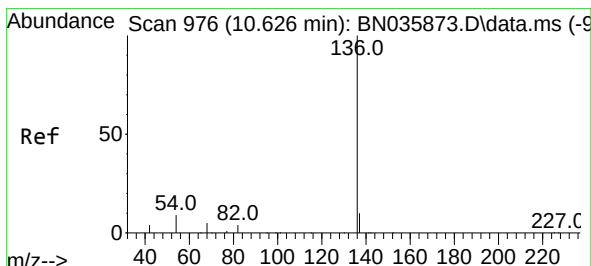
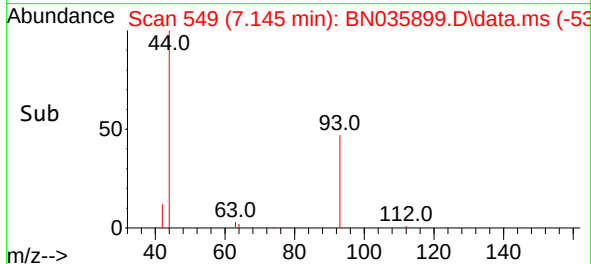
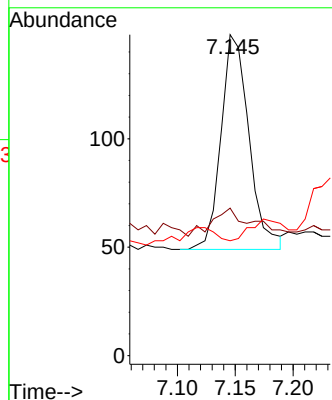
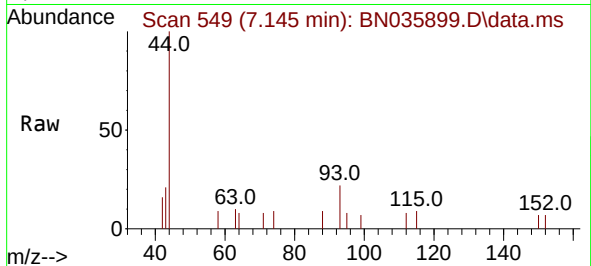




#6
bis(2-Chloroethyl)ether
Concen: 0.064 ng
RT: 7.145 min Scan# 54
Delta R.T. -0.112 min
Lab File: BN035899.D
Acq: 07 Jan 2025 16:44

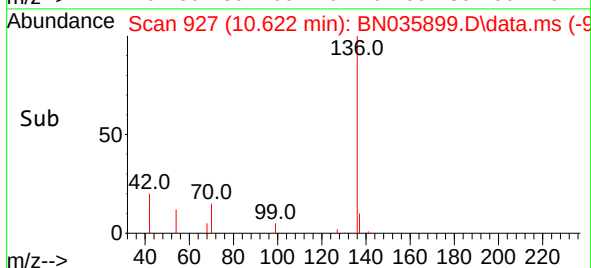
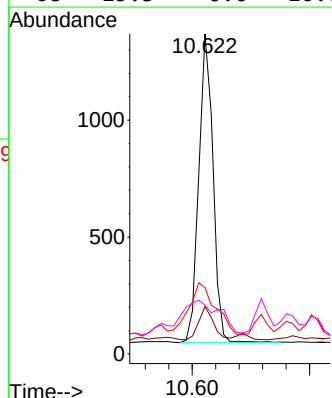
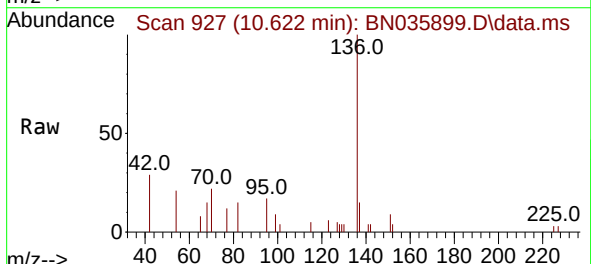
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-838-840

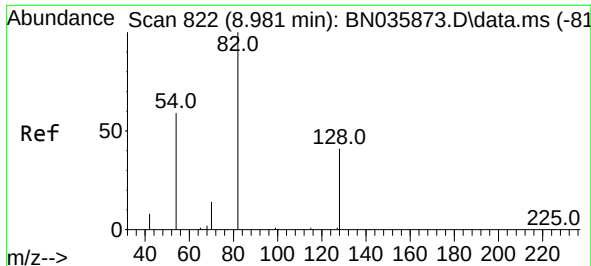
Tgt Ion: 93 Resp: 167
Ion Ratio Lower Upper
93 100
63 19.2 62.0 93.0#
95 0.0 25.5 38.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 927
Delta R.T. -0.004 min
Lab File: BN035899.D
Acq: 07 Jan 2025 16:44

Tgt Ion:136 Resp: 2226
Ion Ratio Lower Upper
136 100
137 14.8 10.6 15.8
54 20.7 9.8 14.6#
68 15.3 6.6 10.0#

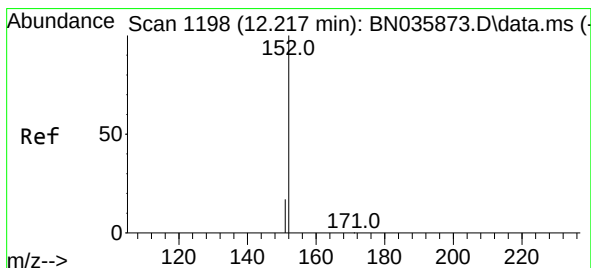
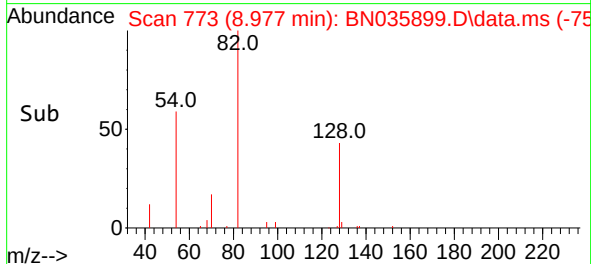
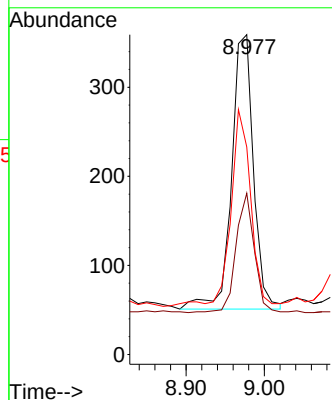
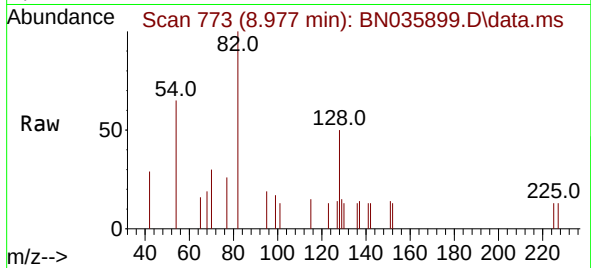




#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 8.977 min Scan# 71
Delta R.T. -0.004 min
Lab File: BN035899.D
Acq: 07 Jan 2025 16:44

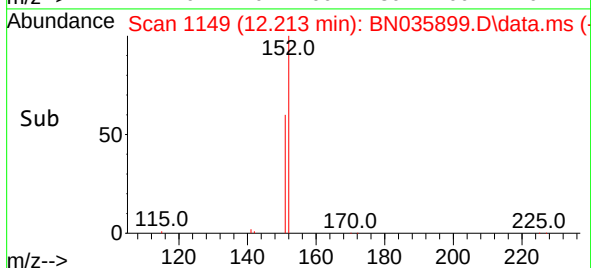
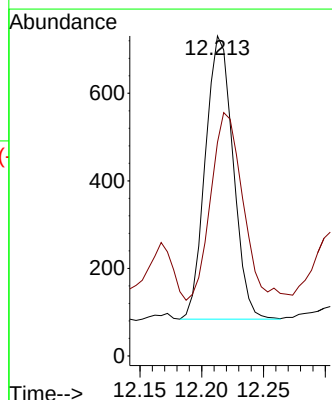
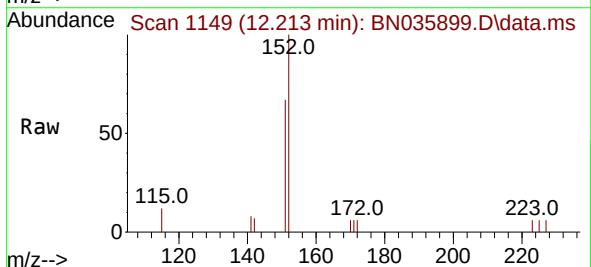
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-838-840

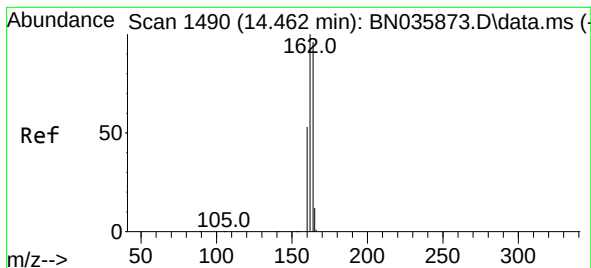
Tgt Ion: 82 Resp: 602
Ion Ratio Lower Upper
82 100
128 50.4 36.9 55.3
54 64.9 50.4 75.6



#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.213 min Scan# 1149
Delta R.T. -0.004 min
Lab File: BN035899.D
Acq: 07 Jan 2025 16:44

Tgt Ion:152 Resp: 1010
Ion Ratio Lower Upper
152 100
151 76.7 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: BN035899.D

Acq: 07 Jan 2025 16:44

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190A-GW-838-840

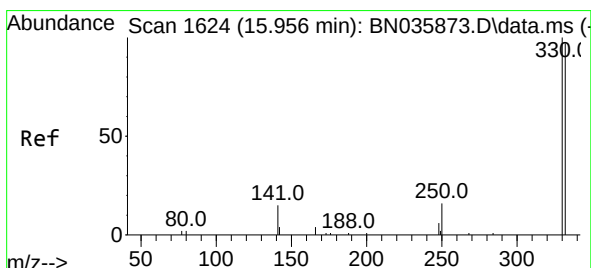
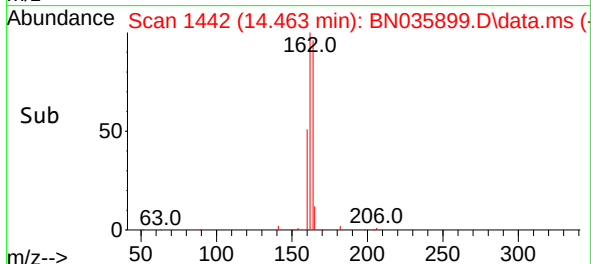
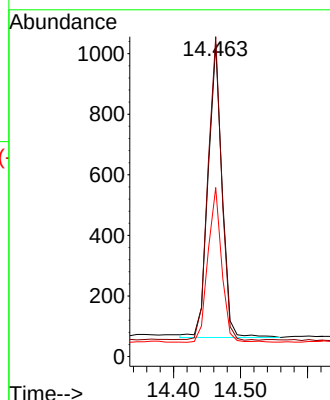
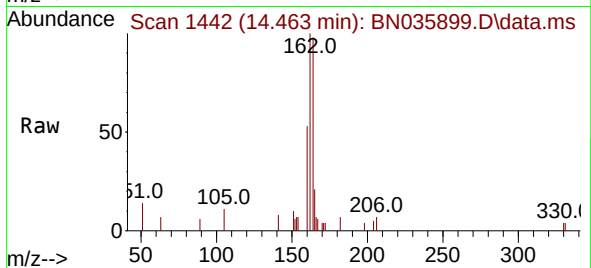
Tgt Ion:164 Resp: 1401

Ion Ratio Lower Upper

164 100

162 102.4 83.1 124.7

160 54.1 46.0 69.0



#14

2,4,6-Tribromophenol

Concen: 0.235 ng

RT: 15.945 min Scan# 1575

Delta R.T. -0.011 min

Lab File: BN035899.D

Acq: 07 Jan 2025 16:44

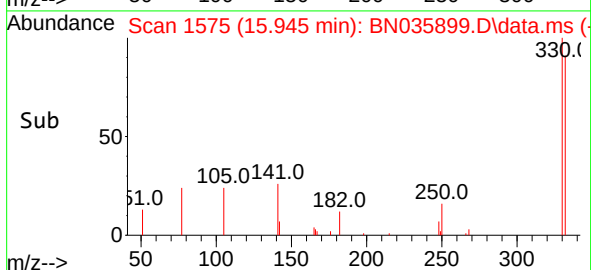
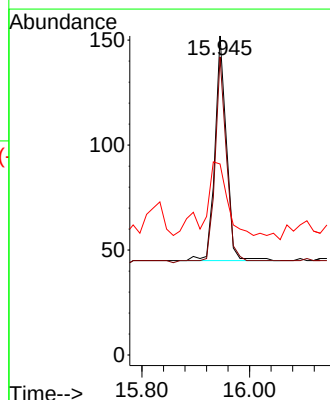
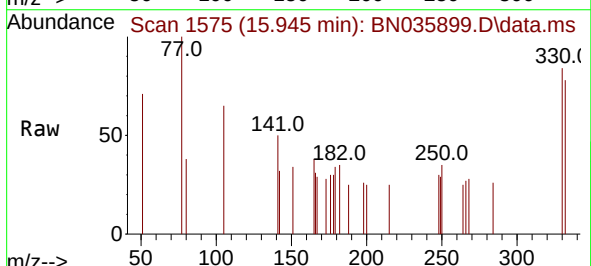
Tgt Ion:330 Resp: 158

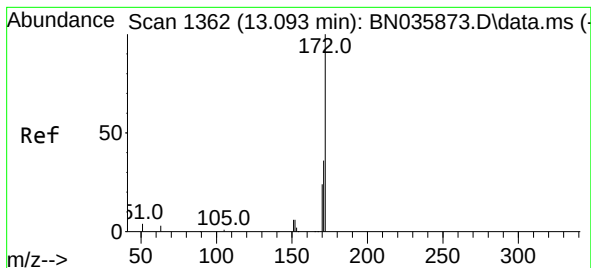
Ion Ratio Lower Upper

330 100

332 93.0 77.2 115.8

141 62.0 31.6 47.4#





#15

2-Fluorobiphenyl

Concen: 0.262 ng

RT: 13.094 min Scan# 1

Delta R.T. 0.001 min

Lab File: BN035899.D

Acq: 07 Jan 2025 16:44

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190A-GW-838-840

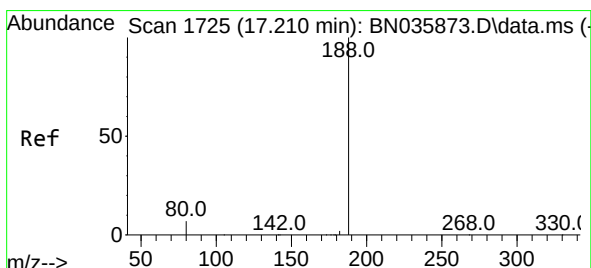
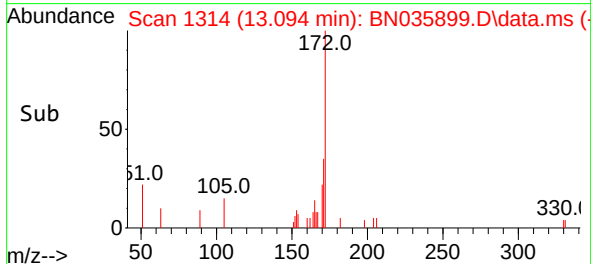
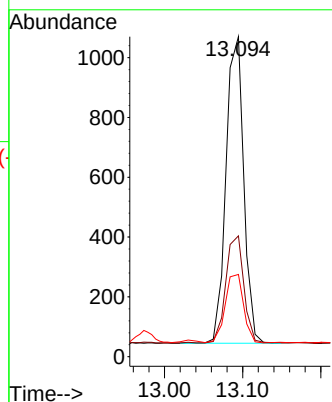
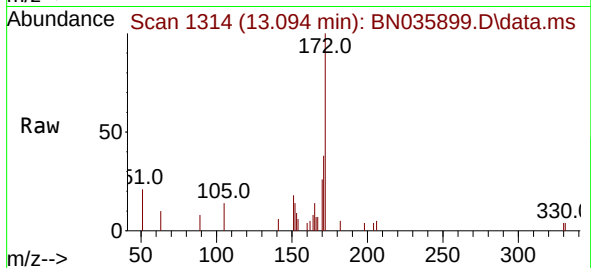
Tgt Ion:172 Resp: 1613

Ion Ratio Lower Upper

172 100

171 37.8 30.5 45.7

170 25.7 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: BN035899.D

Acq: 07 Jan 2025 16:44

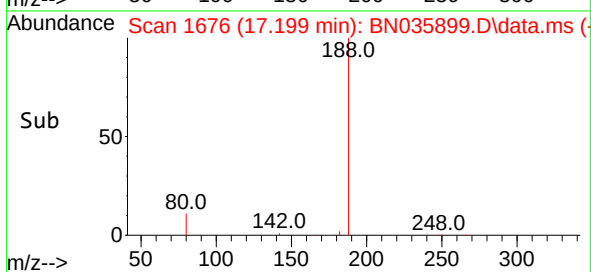
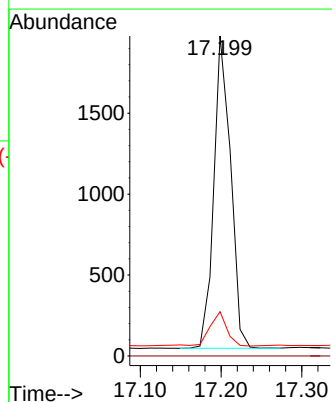
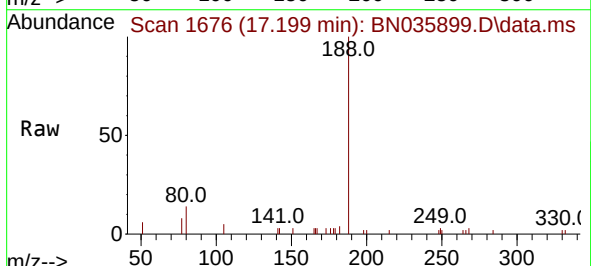
Tgt Ion:188 Resp: 2790

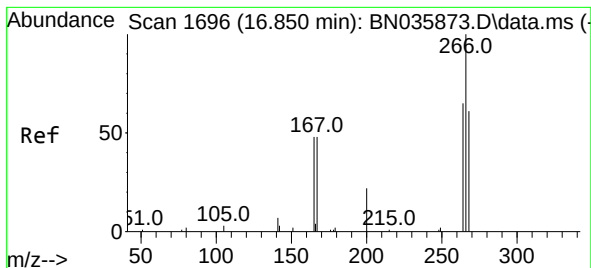
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 7.3 10.9#





#24

Pentachlorophenol

Concen: 0.027 ng

RT: 16.851 min Scan# 1680

Delta R.T. 0.001 min

Lab File: BN035899.D

Acq: 07 Jan 2025 16:44

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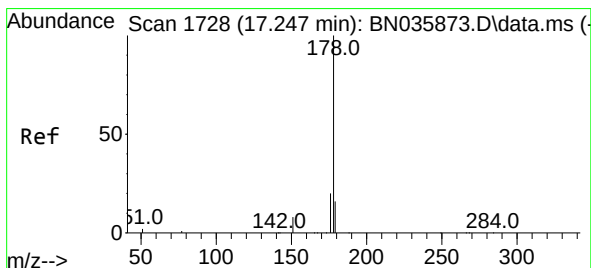
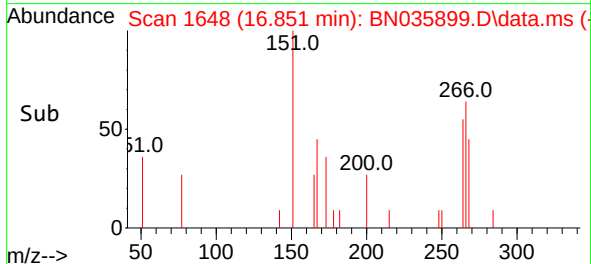
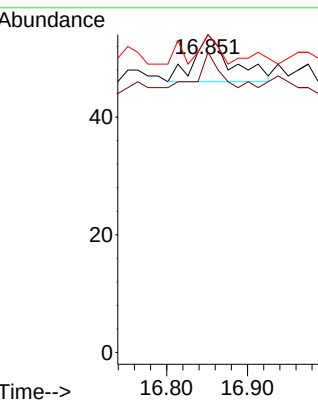
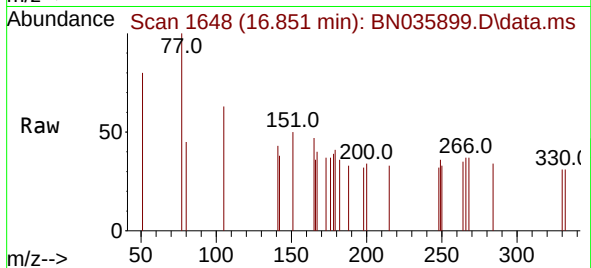
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

264 40.0 49.9 74.9#

268 32.0 50.2 75.2#



#25

Phenanthrene

Concen: 0.023 ng

RT: 17.248 min Scan# 1680

Delta R.T. 0.001 min

Lab File: BN035899.D

Acq: 07 Jan 2025 16:44

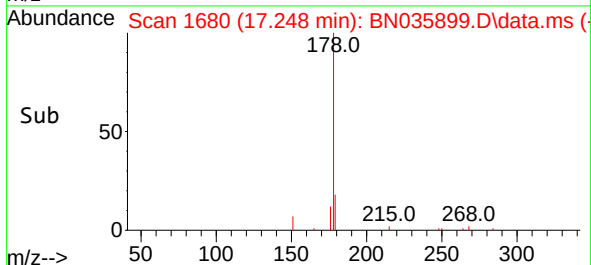
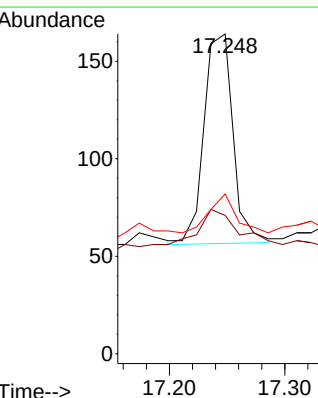
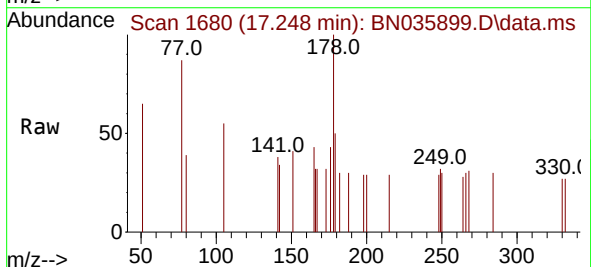
Tgt Ion:178 Resp: 188

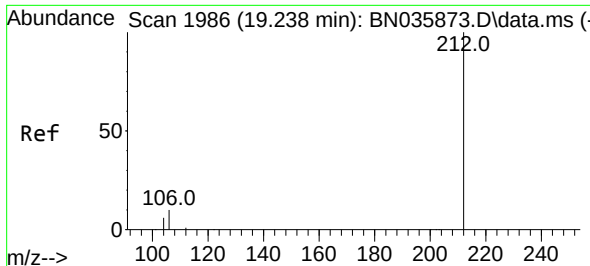
Ion Ratio Lower Upper

178 100

176 27.1 15.9 23.9#

179 18.1 12.9 19.3

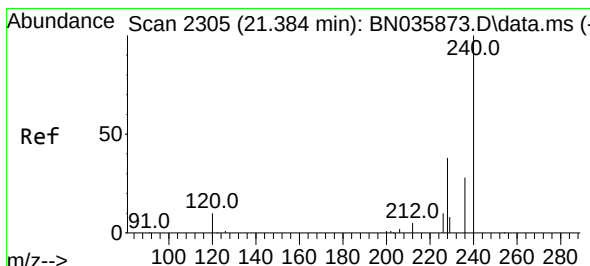
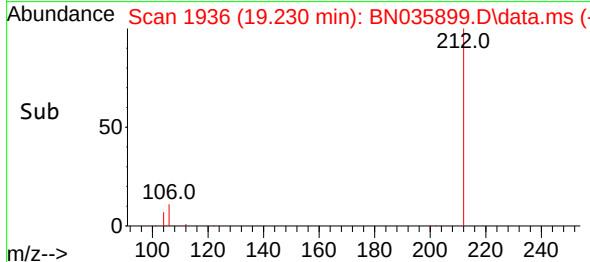
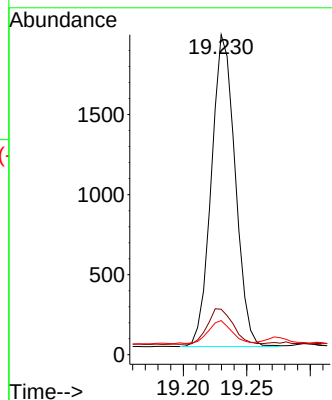
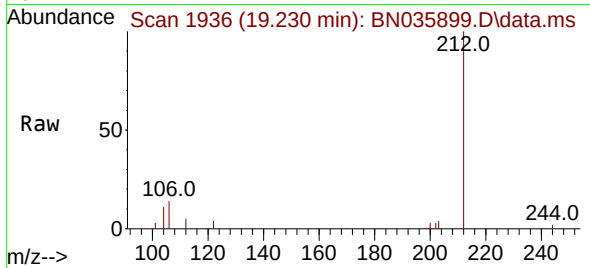




#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.230 min Scan# 1986
Delta R.T. -0.008 min
Lab File: BN035899.D
Acq: 07 Jan 2025 16:44

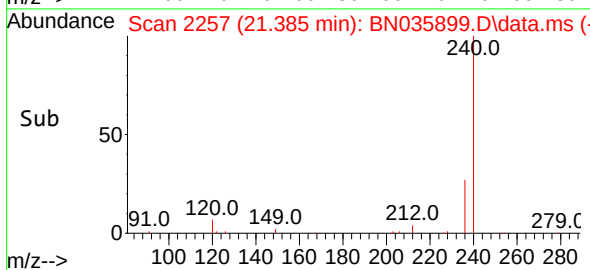
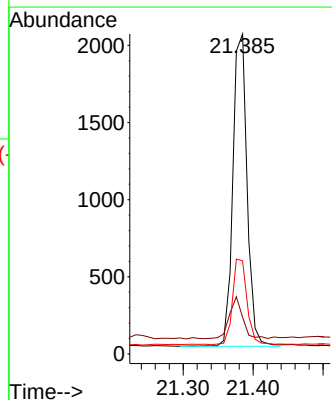
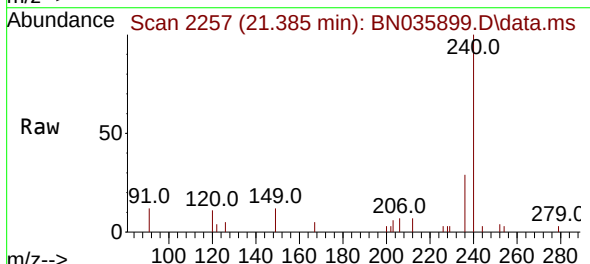
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-838-840

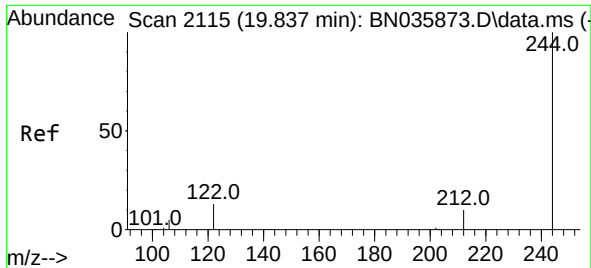
Tgt Ion:212 Resp: 2540
Ion Ratio Lower Upper
212 100
106 12.2 9.0 13.6
104 7.3 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.385 min Scan# 2257
Delta R.T. 0.001 min
Lab File: BN035899.D
Acq: 07 Jan 2025 16:44

Tgt Ion:240 Resp: 2866
Ion Ratio Lower Upper
240 100
120 11.5 11.1 16.7
236 29.1 24.6 36.8

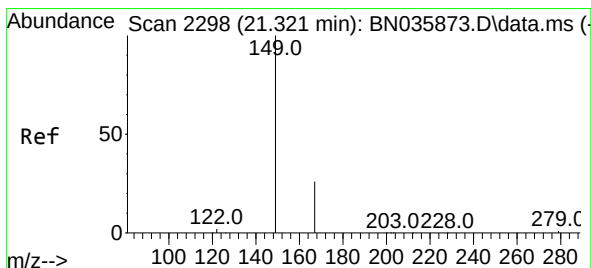
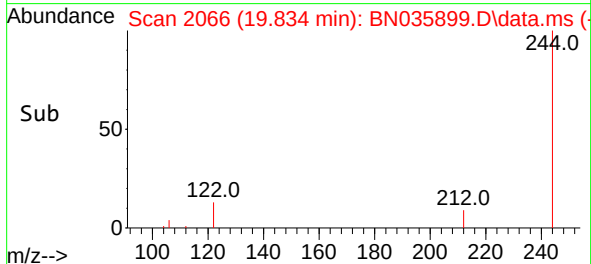
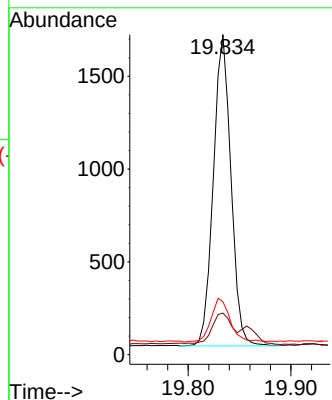
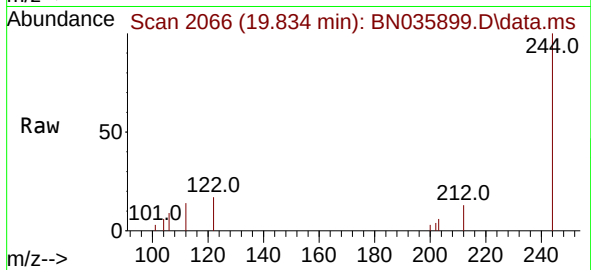




#31
 Terphenyl-d14
 Concen: 0.349 ng
 RT: 19.834 min Scan# 2066
 Delta R.T. -0.004 min
 Lab File: BN035899.D
 Acq: 07 Jan 2025 16:44

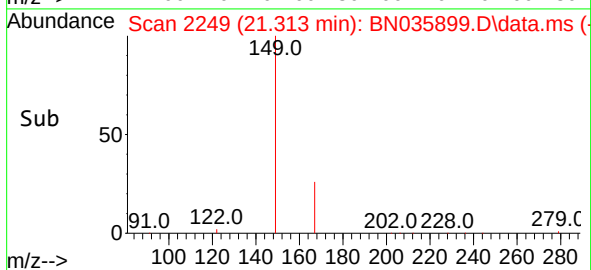
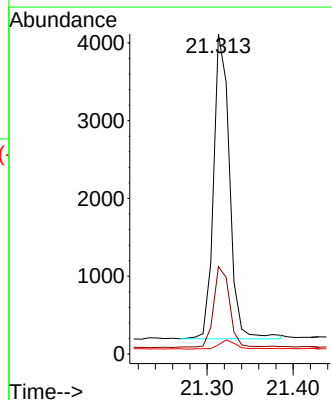
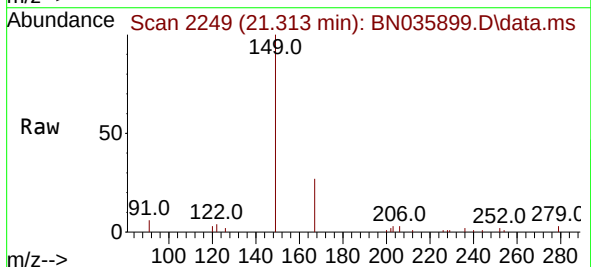
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190A-GW-838-840

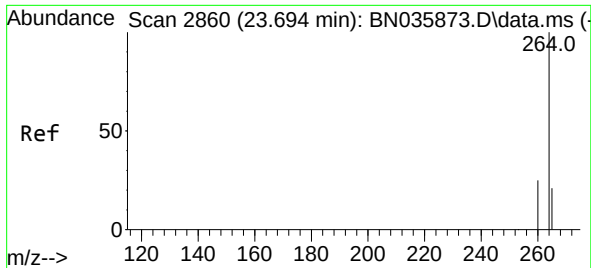
Tgt Ion:244	Resp:	1995
Ion Ratio	Lower	Upper
244	100	
212	13.0	10.1 15.1
122	16.5	12.2 18.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.227 ng
 RT: 21.313 min Scan# 2249
 Delta R.T. -0.008 min
 Lab File: BN035899.D
 Acq: 07 Jan 2025 16:44

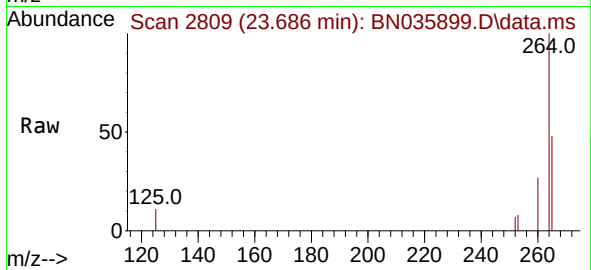
Tgt Ion:149	Resp:	5042
Ion Ratio	Lower	Upper
149	100	
167	25.9	21.4 32.0
279	3.4	3.0 4.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.686 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN035899.D
 Acq: 07 Jan 2025 16:44

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190A-GW-838-840



Tgt Ion:264 Resp: 3458
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.7 32.5
 265 48.0 33.9 50.9

