

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036653.D
 Acq On : 17 Mar 2025 11:01
 Operator : RC/JU
 Sample : Q1559-09DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20250310DL

Quant Time: Mar 17 12:12:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

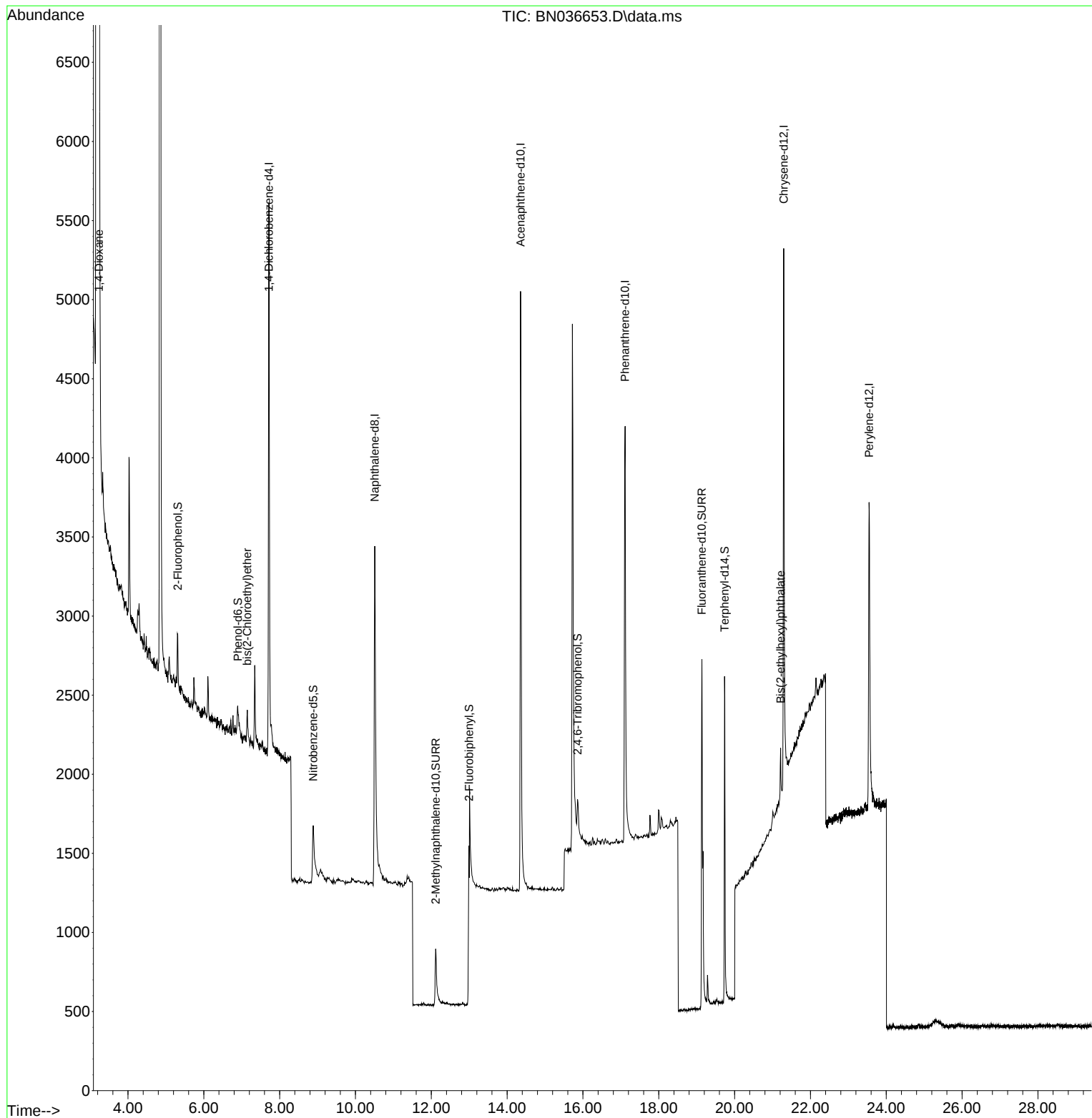
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1807	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4314	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	2680	0.400	ng	-0.01
19) Phenanthrene-d10	17.111	188	5344	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3942	0.400	ng	0.00
35) Perylene-d12	23.549	264	3336	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	271	0.064	ng	0.00
5) Phenol-d6	6.894	99	167	0.032	ng	0.00
8) Nitrobenzene-d5	8.886	82	625	0.133	ng	0.01
11) 2-Methylnaphthalene-d10	12.116	152	915	0.143	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	199	0.164	ng	0.00
15) 2-Fluorobiphenyl	12.993	172	1892	0.121	ng	0.00
27) Fluoranthene-d10	19.136	212	3012	0.220	ng	0.00
31) Terphenyl-d14	19.736	244	2191	0.232	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	5408	2.698	ng	95
6) bis(2-Chloroethyl)ether	7.147	93	161	0.030	ng	84
34) Bis(2-ethylhexyl)phtha...	21.214	149	409	0.042	ng	# 91

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

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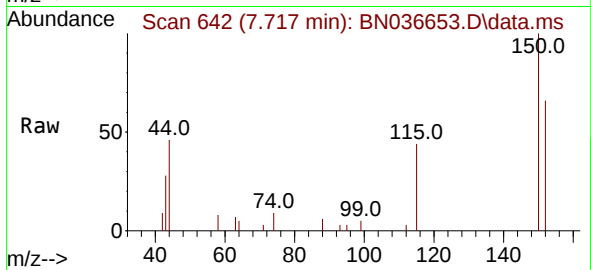
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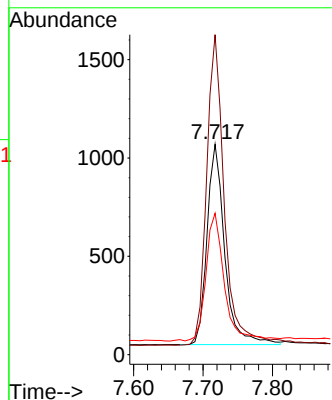
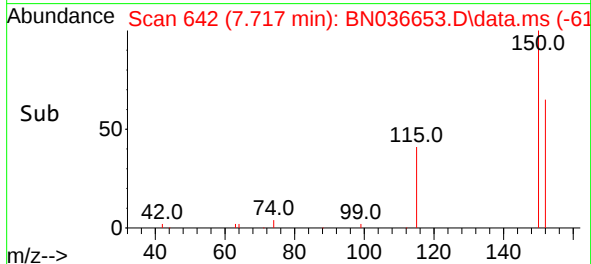


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036653.D
 Acq: 17 Mar 2025 11:01

Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20250310DL

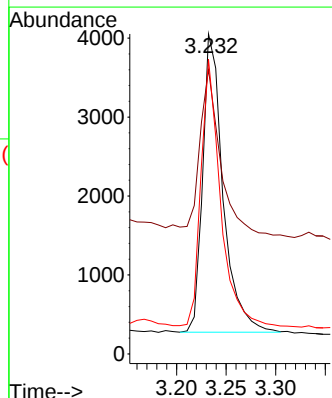
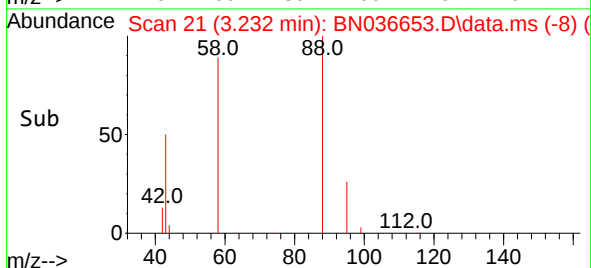
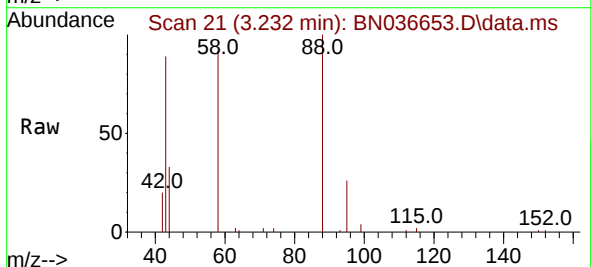


Tgt Ion: 152 Resp: 1807
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.7 185.5
 115 67.2 54.3 81.5



#2
 1,4-Dioxane
 Concen: 2.698 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036653.D
 Acq: 17 Mar 2025 11:01

Tgt Ion: 88 Resp: 5408
 Ion Ratio Lower Upper
 88 100
 43 55.9 37.8 56.8
 58 85.3 67.4 101.2

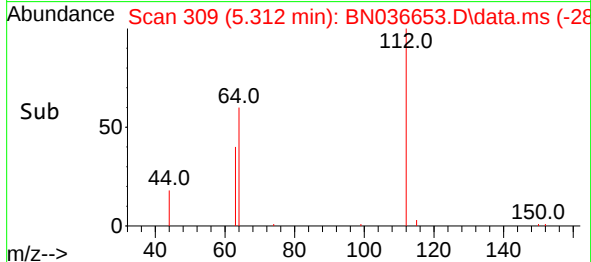
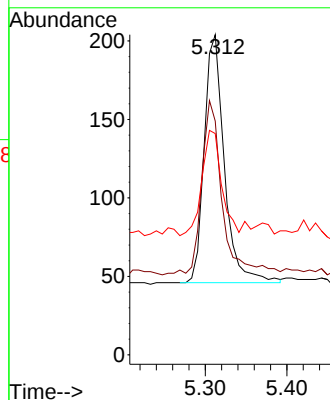
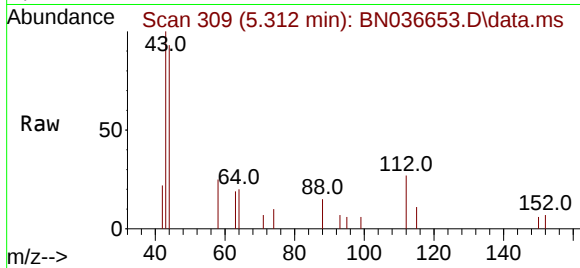




#4
2-Fluorophenol
Concen: 0.064 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036653.D
Acq: 17 Mar 2025 11:01

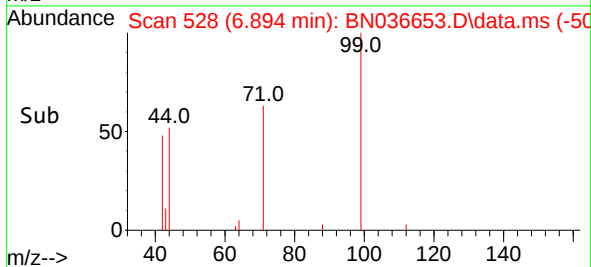
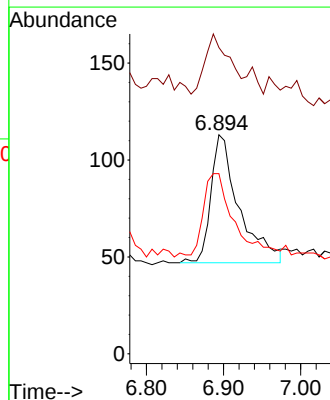
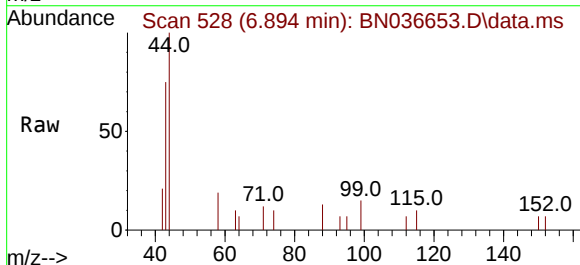
Instrument :
BNA_N
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DUP03-20250310DL

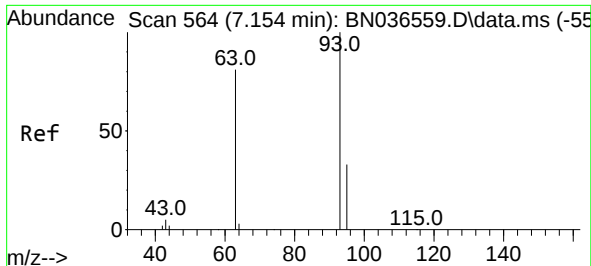
Tgt Ion:112 Resp: 271
Ion Ratio Lower Upper
112 100
64 72.0 53.1 79.7
63 41.3 31.8 47.8



#5
Phenol-d6
Concen: 0.032 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036653.D
Acq: 17 Mar 2025 11:01

Tgt Ion: 99 Resp: 167
Ion Ratio Lower Upper
99 100
42 39.5 26.5 39.7
71 67.7 34.1 51.1#

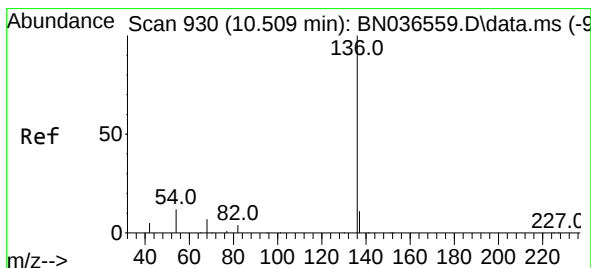
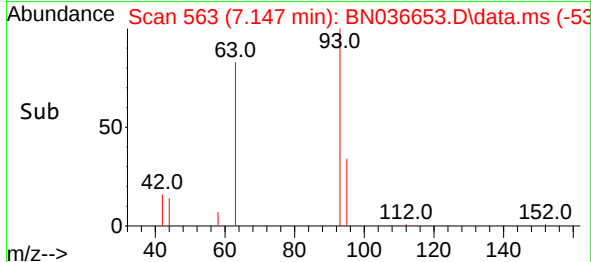
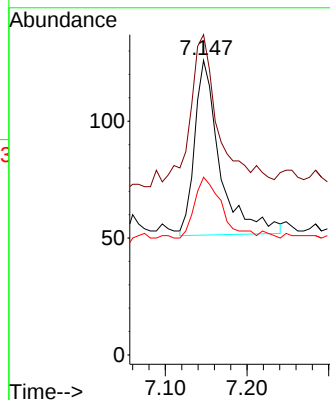
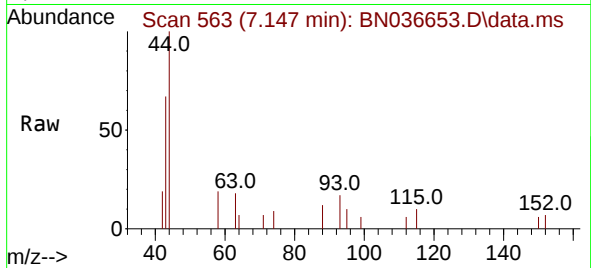




#6
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 7.147 min Scan# 50
Delta R.T. -0.007 min
Lab File: BN036653.D
Acq: 17 Mar 2025 11:01

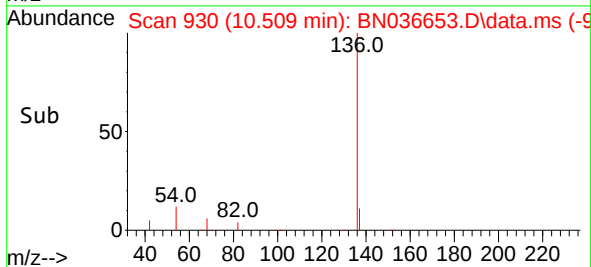
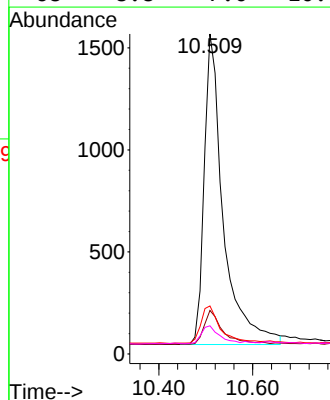
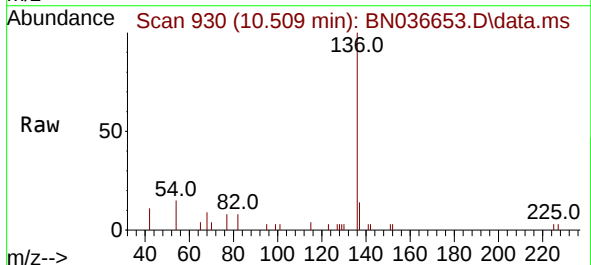
Instrument :
BNA_N
ClientSampleId :
DUP03-20250310DL

Tgt Ion: 93 Resp: 161
Ion Ratio Lower Upper
93 100
63 101.2 67.7 101.5
95 37.3 25.6 38.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036653.D
Acq: 17 Mar 2025 11:01

Tgt Ion:136 Resp: 4314
Ion Ratio Lower Upper
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137 13.6 10.3 15.5
54 15.0 11.5 17.3
68 8.8 7.0 10.4

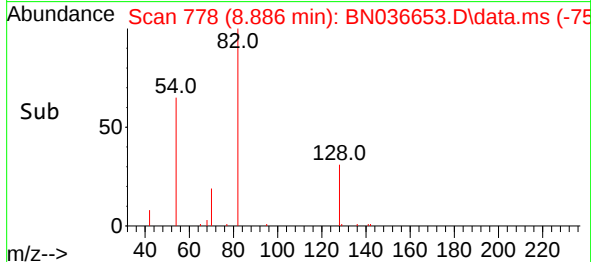
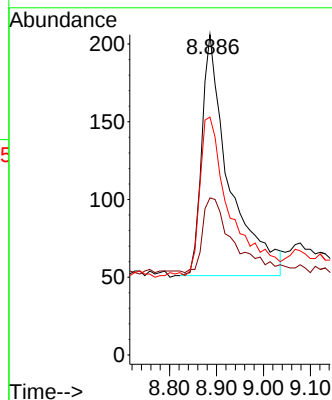
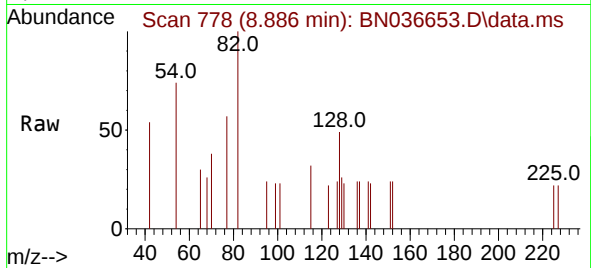




#8
Nitrobenzene-d5
Concen: 0.133 ng
RT: 8.886 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN036653.D
Acq: 17 Mar 2025 11:01

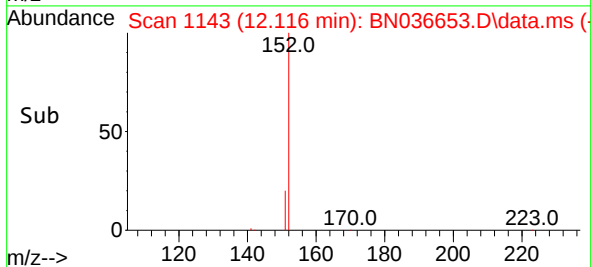
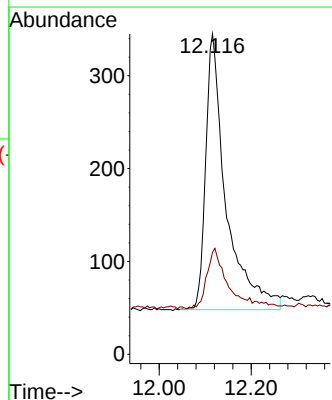
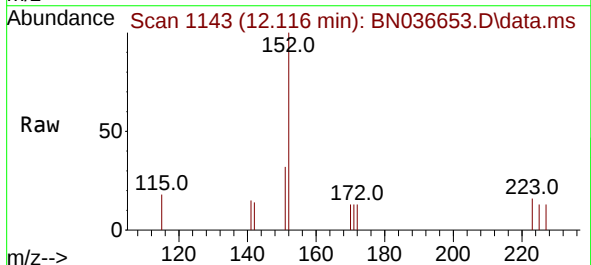
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DUP03-20250310DL

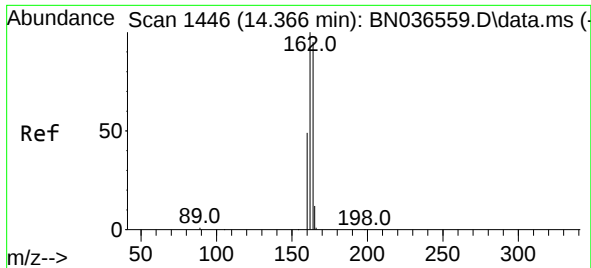
Tgt Ion: 82 Resp: 625
Ion Ratio Lower Upper
82 100
128 49.0 30.6 45.8#
54 74.3 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.143 ng
RT: 12.116 min Scan# 1143
Delta R.T. 0.005 min
Lab File: BN036653.D
Acq: 17 Mar 2025 11:01

Tgt Ion:152 Resp: 915
Ion Ratio Lower Upper
152 100
151 23.6 17.0 25.6

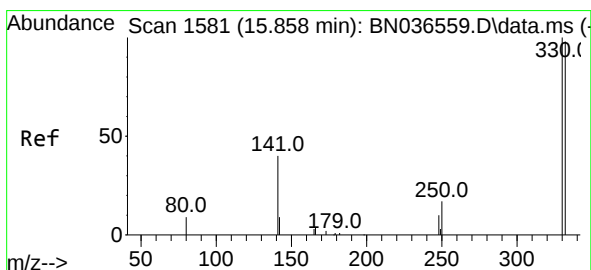
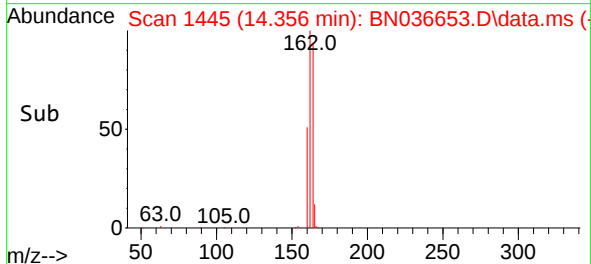
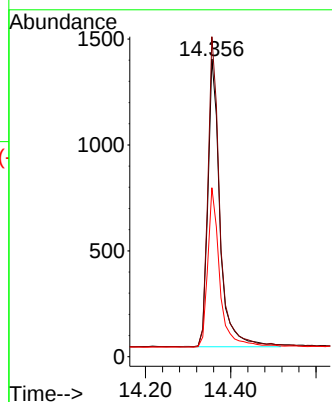
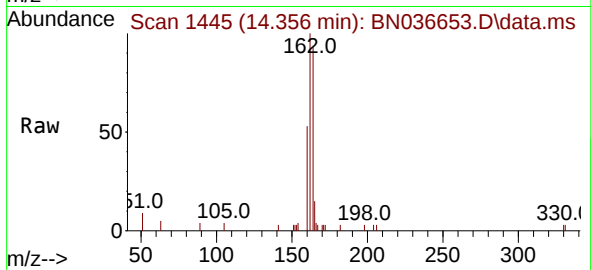




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.356 min Scan# 1445
 Delta R.T. -0.011 min
 Lab File: BN036653.D
 Acq: 17 Mar 2025 11:01

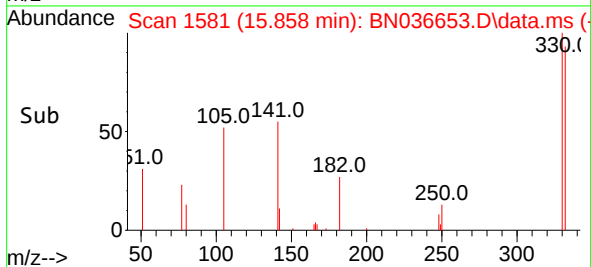
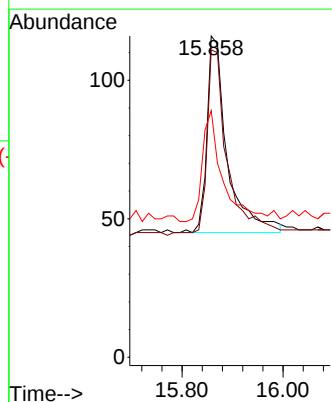
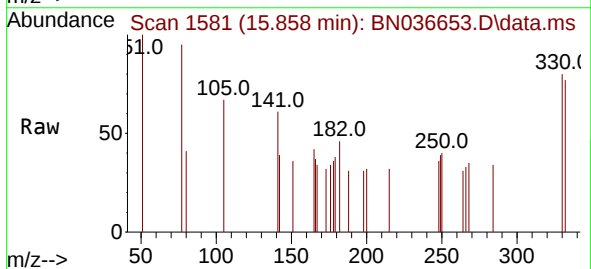
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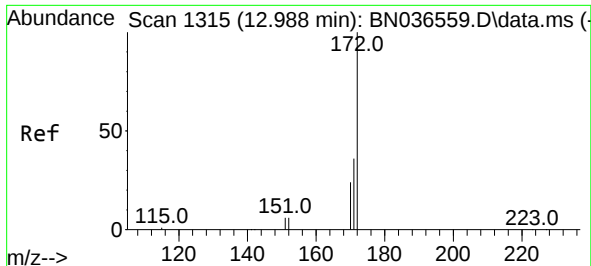
Tgt Ion:164 Resp: 2680
 Ion Ratio Lower Upper
 164 100
 162 107.5 84.2 126.2
 160 56.8 42.2 63.2



#14
 2,4,6-Tribromophenol
 Concen: 0.164 ng
 RT: 15.858 min Scan# 1581
 Delta R.T. 0.000 min
 Lab File: BN036653.D
 Acq: 17 Mar 2025 11:01

Tgt Ion:330 Resp: 199
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.2 112.8
 141 57.8 43.4 65.2

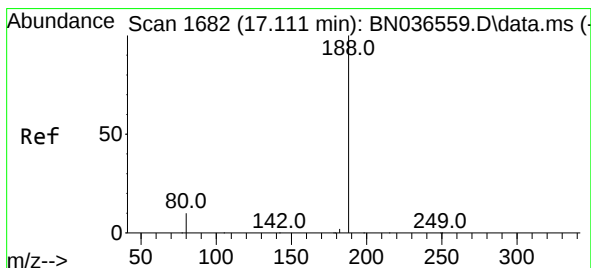
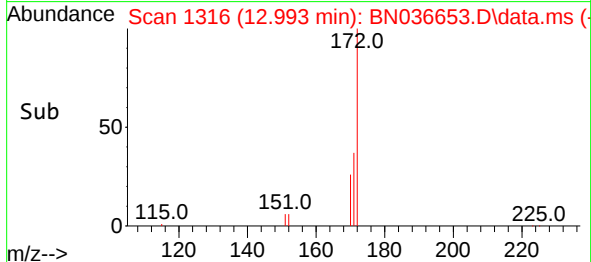
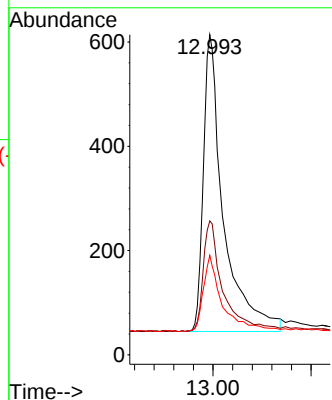
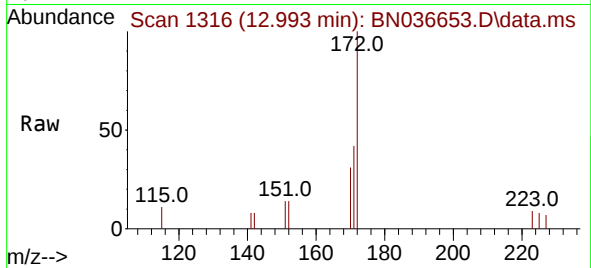




#15
2-Fluorobiphenyl
Concen: 0.121 ng
RT: 12.993 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036653.D
Acq: 17 Mar 2025 11:01

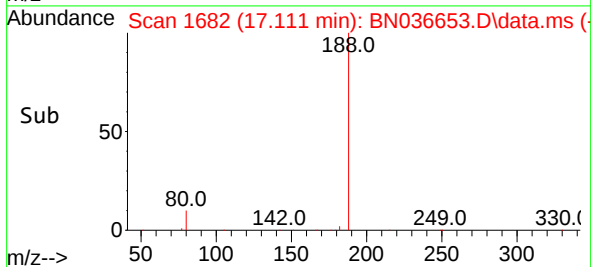
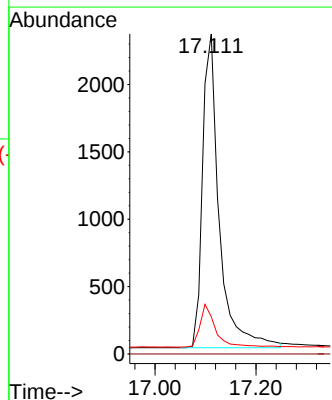
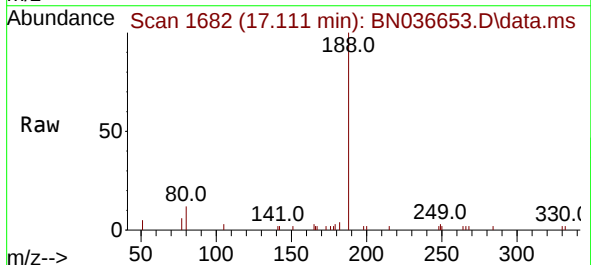
Instrument :
BNA_N
ClientSampleId :
DUP03-20250310DL

Tgt Ion:172 Resp: 1892
Ion Ratio Lower Upper
172 100
171 41.9 29.5 44.3
170 31.1 20.2 30.4#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036653.D
Acq: 17 Mar 2025 11:01

Tgt Ion:188 Resp: 5344
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 8.8 13.2

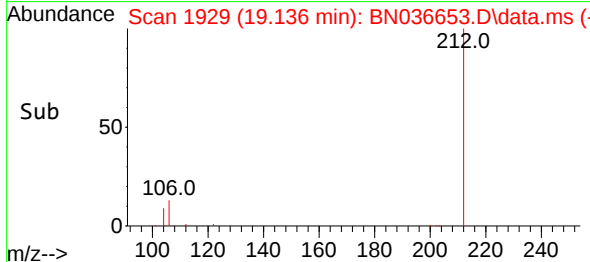
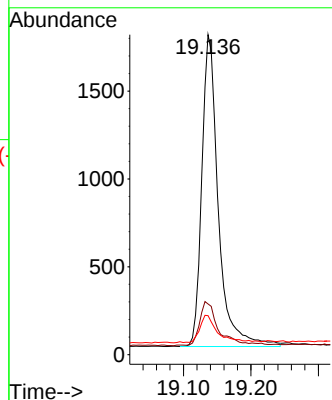
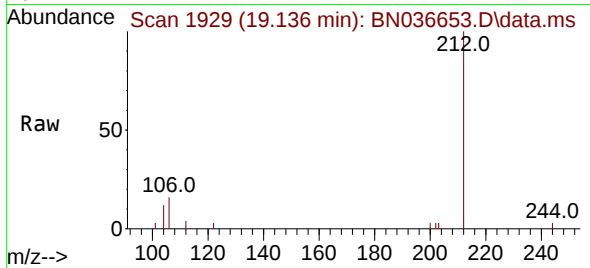




#27
Fluoranthene-d10
Concen: 0.220 ng
RT: 19.136 min Scan# 19
Delta R.T. -0.004 min
Lab File: BN036653.D
Acq: 17 Mar 2025 11:01

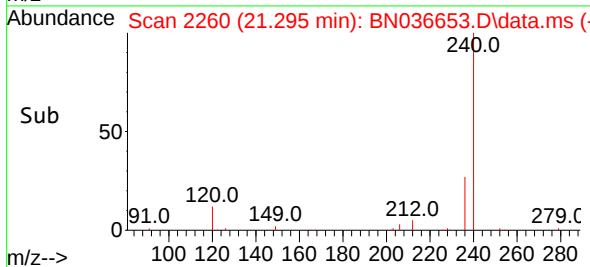
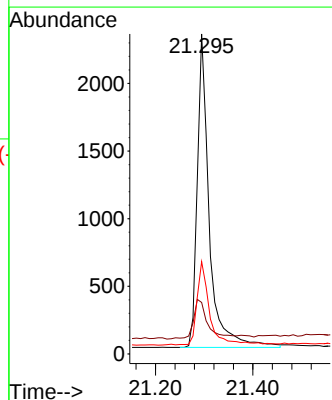
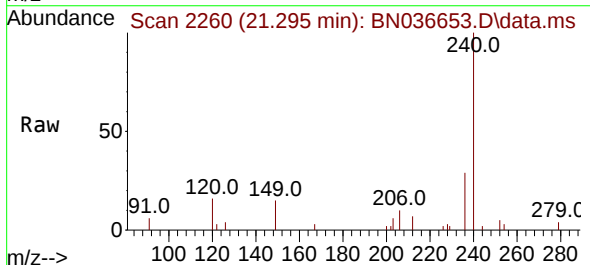
Instrument :
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Tgt Ion:212 Resp: 3012
Ion Ratio Lower Upper
212 100
106 15.8 11.8 17.6
104 9.4 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036653.D
Acq: 17 Mar 2025 11:01

Tgt Ion:240 Resp: 3942
Ion Ratio Lower Upper
240 100
120 16.1 14.6 22.0
236 28.9 24.1 36.1

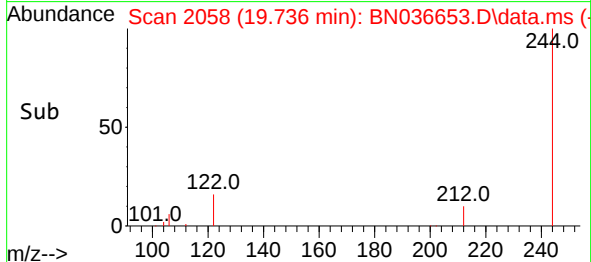
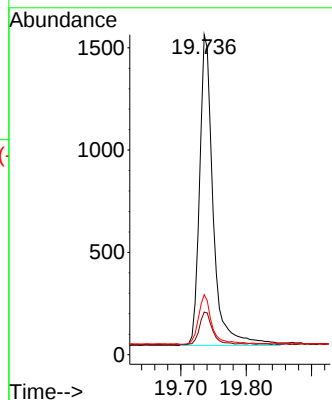
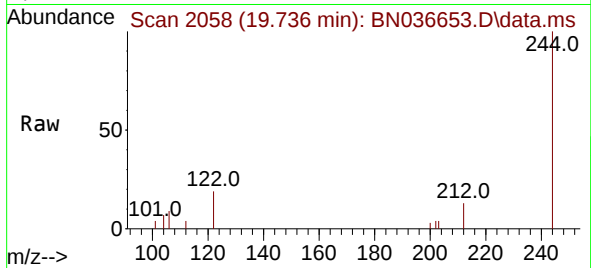




#31
 Terphenyl-d14
 Concen: 0.232 ng
 RT: 19.736 min Scan# 2060
 Delta R.T. -0.009 min
 Lab File: BN036653.D
 Acq: 17 Mar 2025 11:01

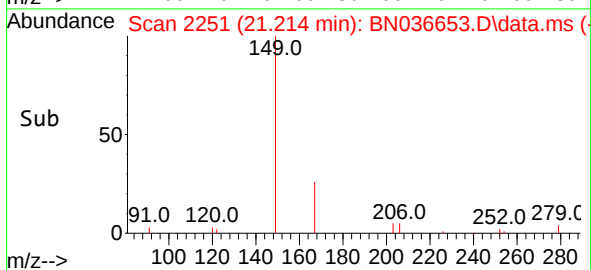
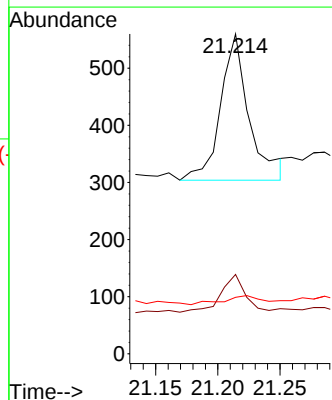
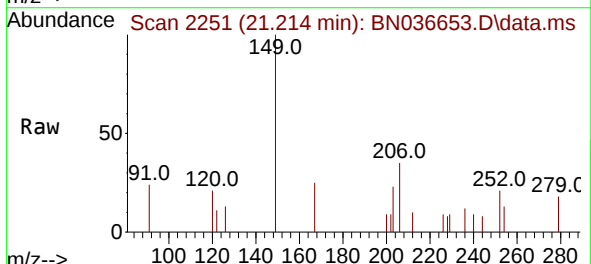
Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20250310DL

Tgt Ion:244 Resp: 2191
 Ion Ratio Lower Upper
 244 100
 212 13.3 9.6 14.4
 122 18.7 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.042 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036653.D
 Acq: 17 Mar 2025 11:01

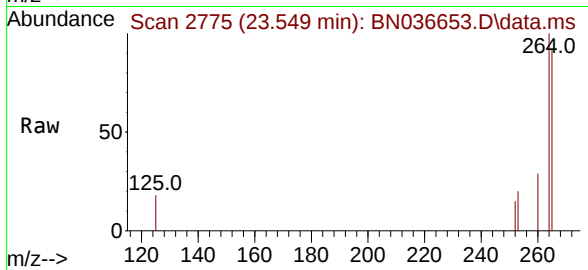
Tgt Ion:149 Resp: 409
 Ion Ratio Lower Upper
 149 100
 167 21.8 20.7 31.1
 279 8.1 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.549 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN036653.D
 Acq: 17 Mar 2025 11:01

Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20250310DL



Tgt Ion:264 Resp: 3336
 Ion Ratio Lower Upper
 264 100
 260 28.7 22.6 33.8
 265 92.1 88.1 132.1

