

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036661.D
 Acq On : 17 Mar 2025 16:07
 Operator : RC/JU
 Sample : Q1582-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20250313

Quant Time: Mar 17 16:55:38 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)

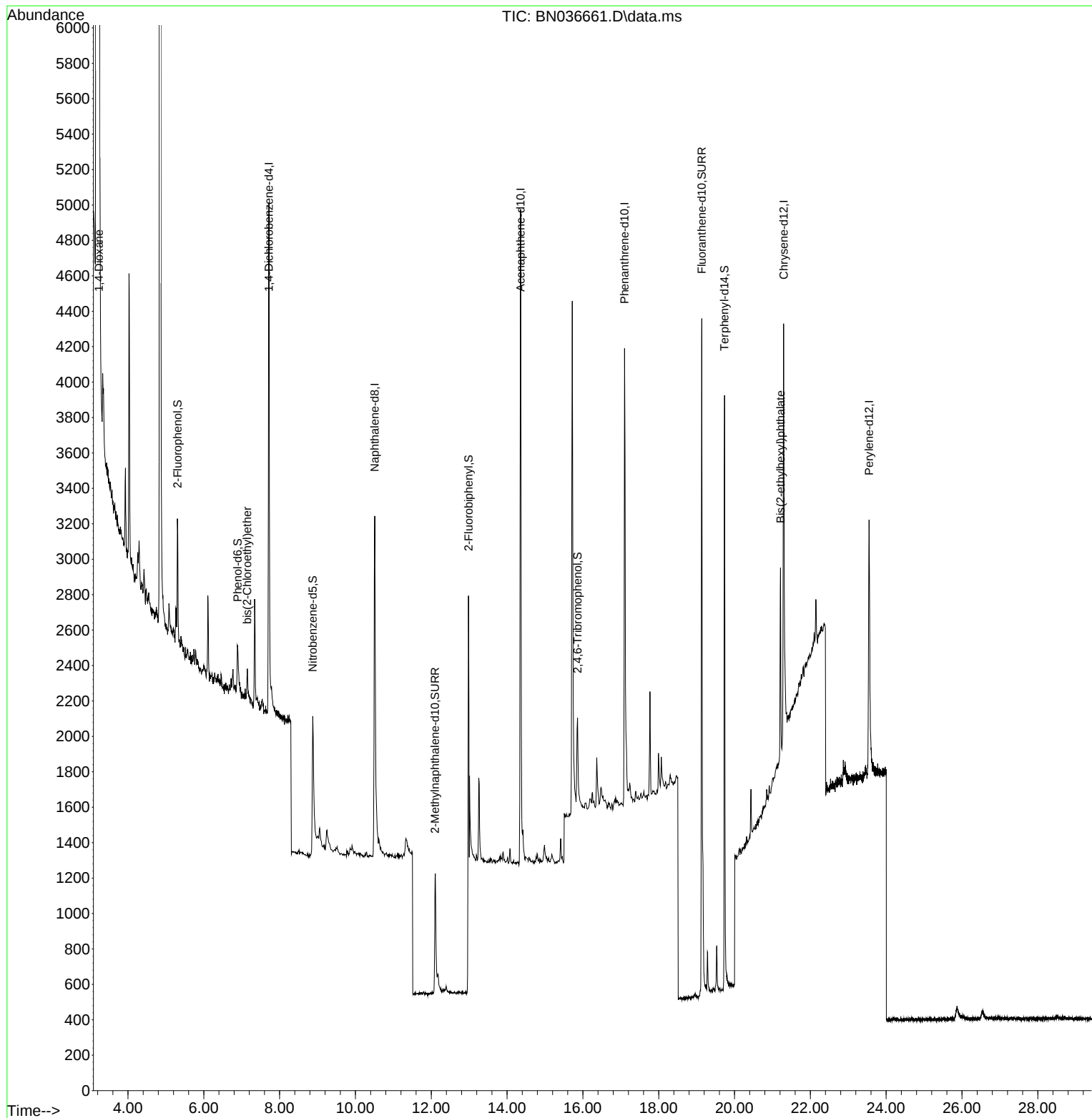
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1480	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	3511	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	2177	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4400	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	2930	0.400	ng	0.00
35) Perylene-d12	23.549	264	2432	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	517	0.150	ng	0.00
5) Phenol-d6	6.894	99	334	0.078	ng	0.00
8) Nitrobenzene-d5	8.875	82	1113	0.291	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	1448	0.277	ng	-0.01
14) 2,4,6-Tribromophenol	15.858	330	381	0.386	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	3451	0.272	ng	0.00
27) Fluoranthene-d10	19.136	212	4972	0.441	ng	0.00
31) Terphenyl-d14	19.736	244	3579	0.510	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	8538	5.200	ng	Qvalue 94
6) bis(2-Chloroethyl)ether	7.147	93	137	0.031	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.214	149	1231	0.170	ng	97

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

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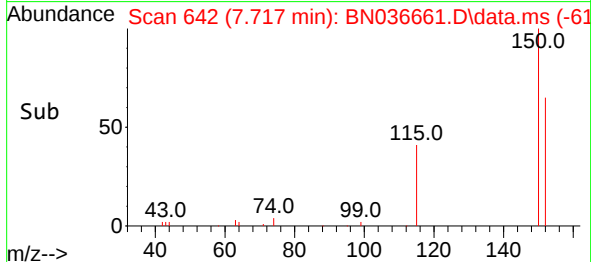
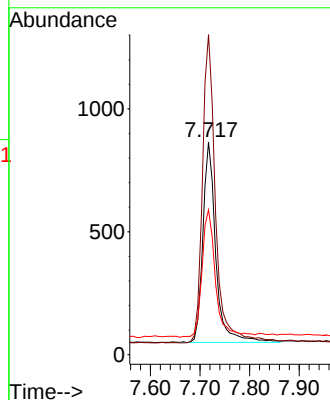
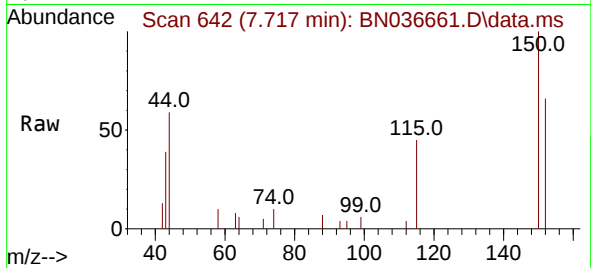




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

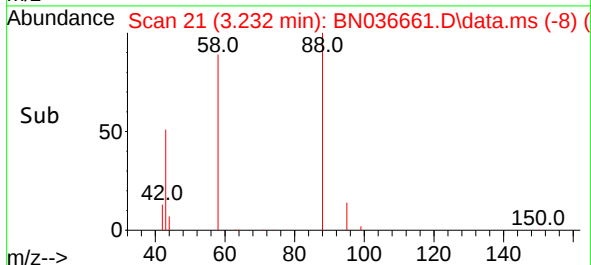
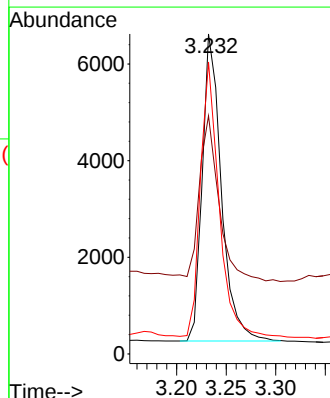
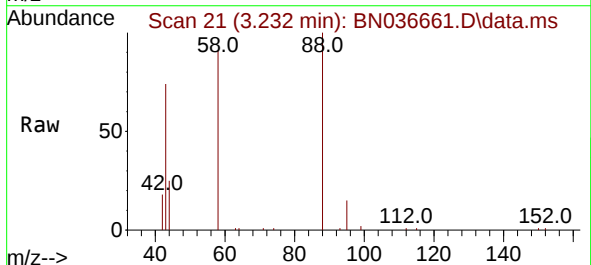
Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313

Tgt Ion:152 Resp: 1480
Ion Ratio Lower Upper
152 100
150 150.5 123.7 185.5
115 68.1 54.3 81.5



#2
1,4-Dioxane
Concen: 5.200 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Tgt Ion: 88 Resp: 8538
Ion Ratio Lower Upper
88 100
43 56.2 37.8 56.8
58 86.3 67.4 101.2

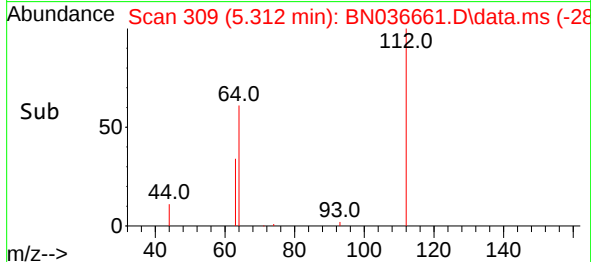
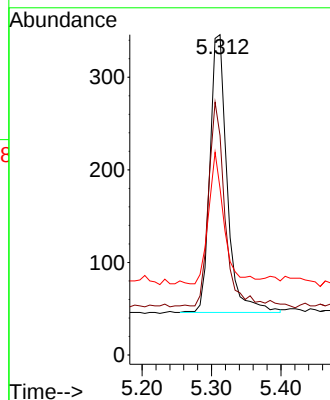
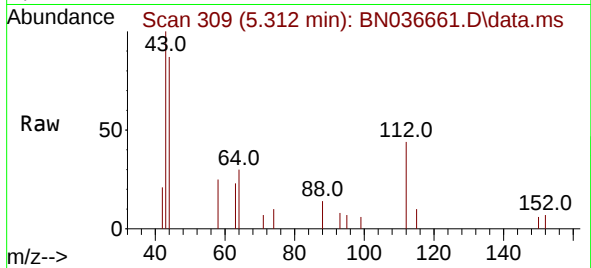




#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

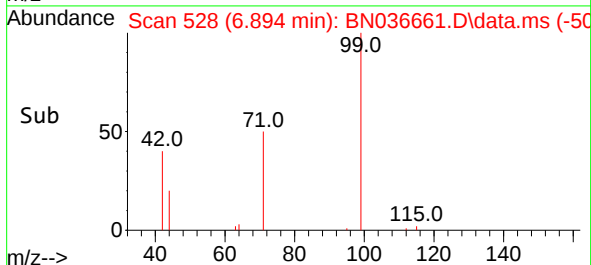
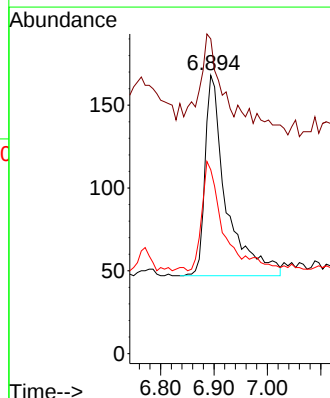
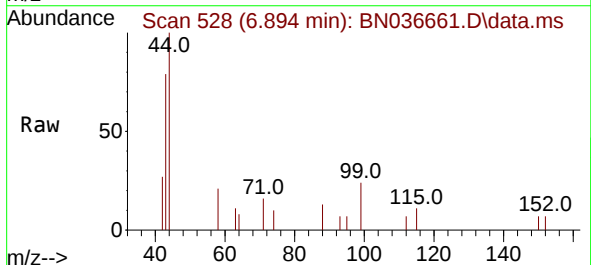
Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313

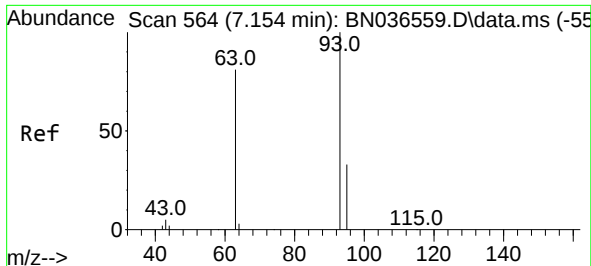
Tgt Ion: 112 Resp: 517
Ion Ratio Lower Upper
112 100
64 68.5 53.1 79.7
63 42.7 31.8 47.8



#5
Phenol-d6
Concen: 0.078 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Tgt Ion: 99 Resp: 334
Ion Ratio Lower Upper
99 100
42 33.5 26.5 39.7
71 55.4 34.1 51.1#

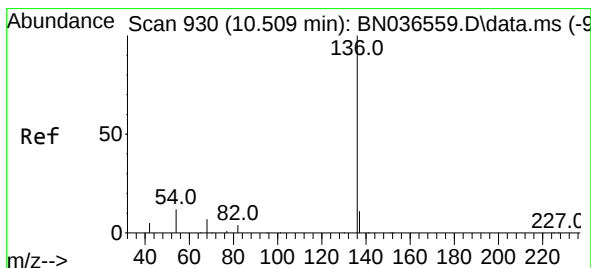
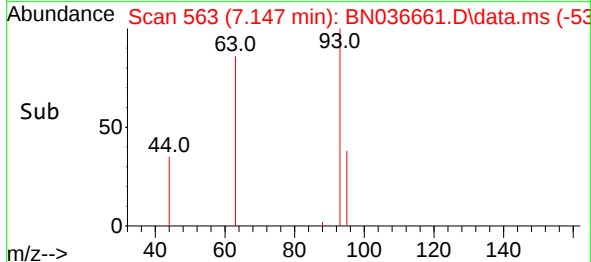
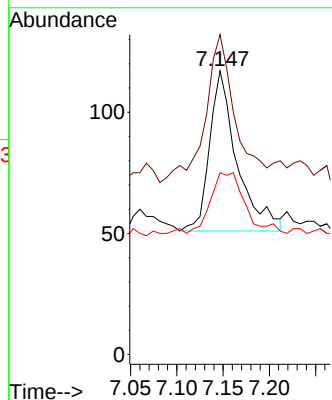
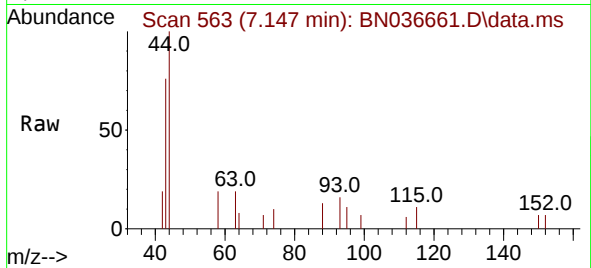




#6
bis(2-Chloroethyl)ether
Concen: 0.031 ng
RT: 7.147 min Scan# 563
Delta R.T. -0.007 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

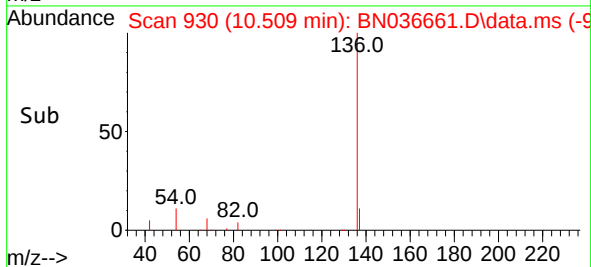
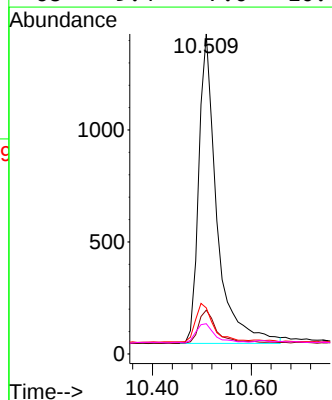
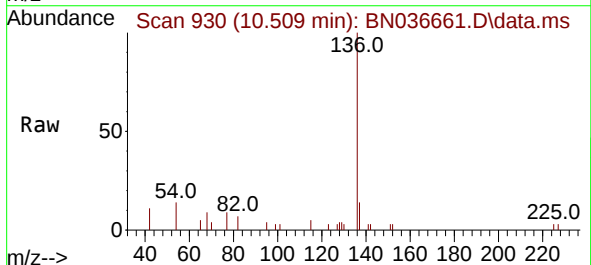
Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313

Tgt Ion: 93 Resp: 137
Ion Ratio Lower Upper
93 100
63 99.3 67.7 101.5
95 46.7 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: BN036661.D
Acq: 17 Mar 2025 16:07

Tgt Ion:136 Resp: 3511
Ion Ratio Lower Upper
136 100
137 13.7 10.3 15.5
54 14.4 11.5 17.3
68 9.4 7.0 10.4

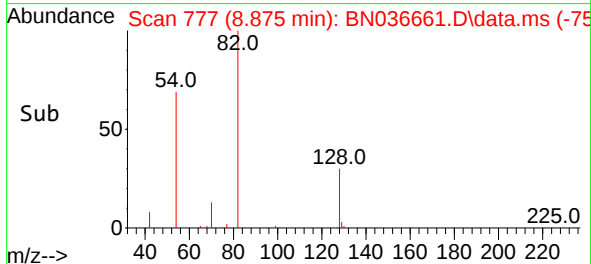
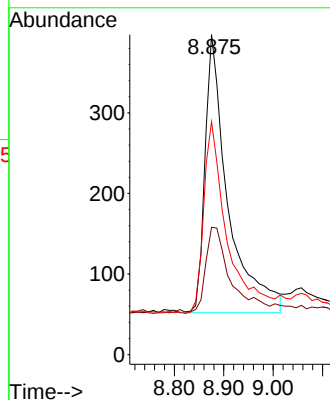
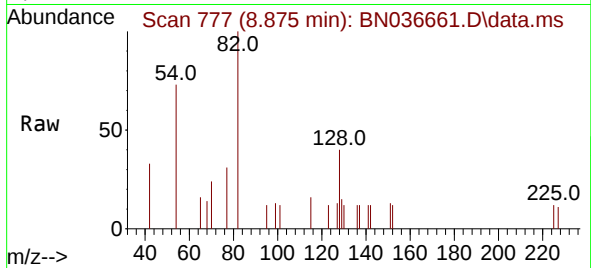




#8
 Nitrobenzene-d5
 Concen: 0.291 ng
 RT: 8.875 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: BN036661.D
 Acq: 17 Mar 2025 16:07

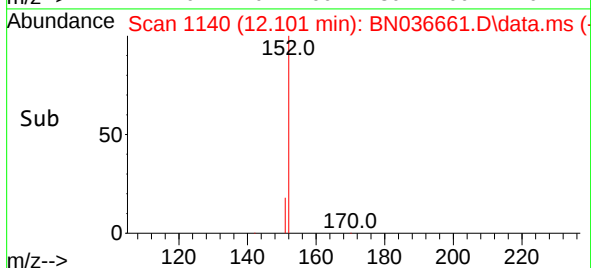
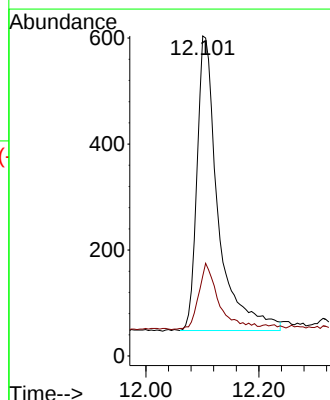
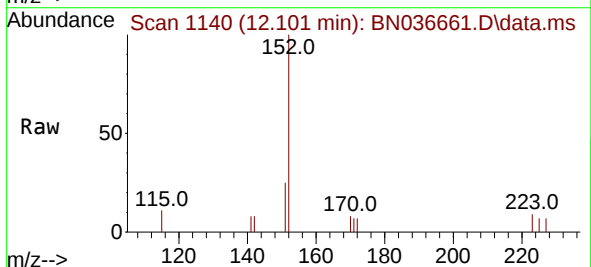
Instrument :
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 ClientSampleId :
 TT180D2-20250313

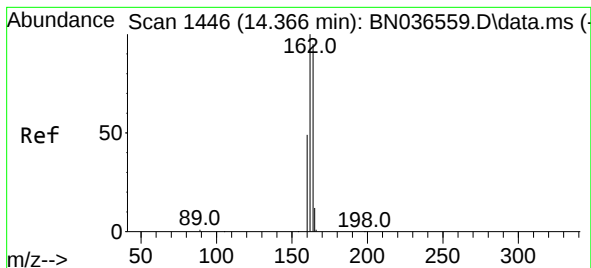
Tgt Ion: 82 Resp: 1113
 Ion Ratio Lower Upper
 82 100
 128 39.8 30.6 45.8
 54 72.8 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.277 ng
 RT: 12.101 min Scan# 1140
 Delta R.T. -0.010 min
 Lab File: BN036661.D
 Acq: 17 Mar 2025 16:07

Tgt Ion: 152 Resp: 1448
 Ion Ratio Lower Upper
 152 100
 151 21.6 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: BN036661.D

Acq: 17 Mar 2025 16:07

Instrument :

BNA_N

ClientSampleId :

TT180D2-20250313

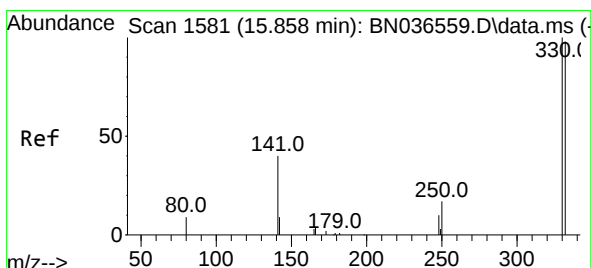
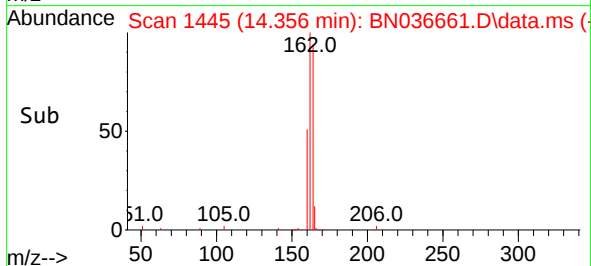
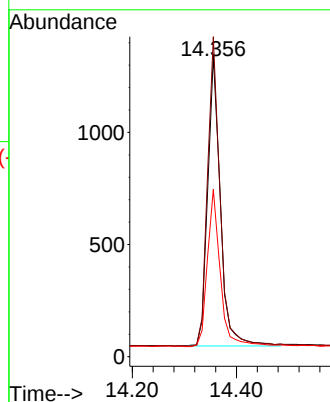
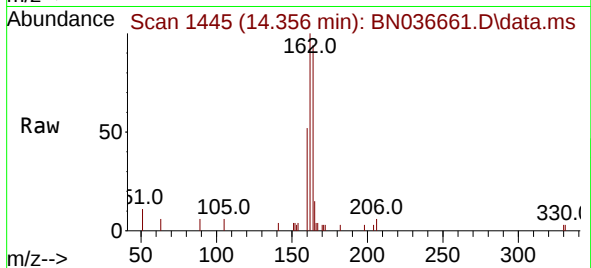
Tgt Ion:164 Resp: 2177

Ion Ratio Lower Upper

164 100

162 106.5 84.2 126.2

160 55.7 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.386 ng

RT: 15.858 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BN036661.D

Acq: 17 Mar 2025 16:07

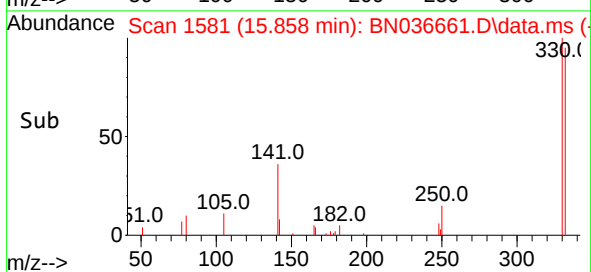
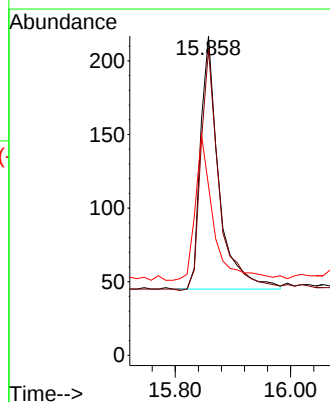
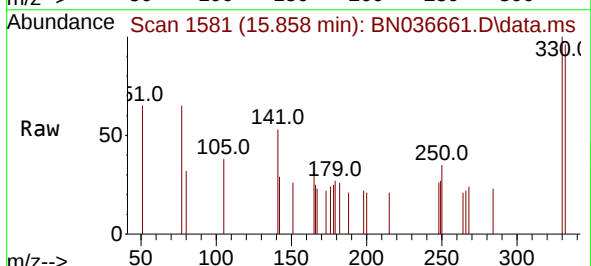
Tgt Ion:330 Resp: 381

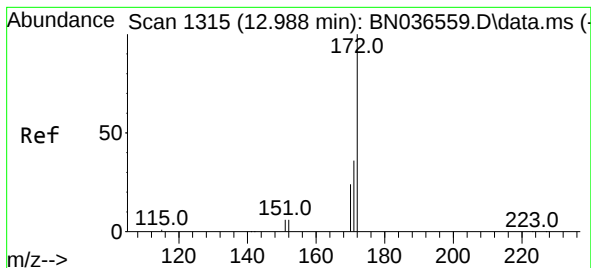
Ion Ratio Lower Upper

330 100

332 97.1 75.2 112.8

141 56.7 43.4 65.2

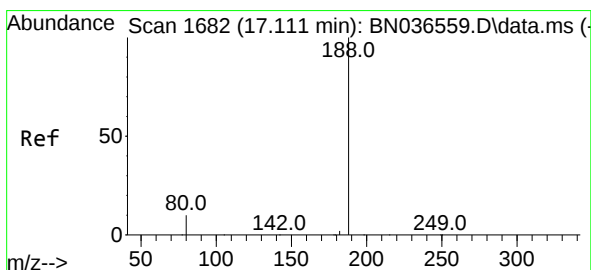
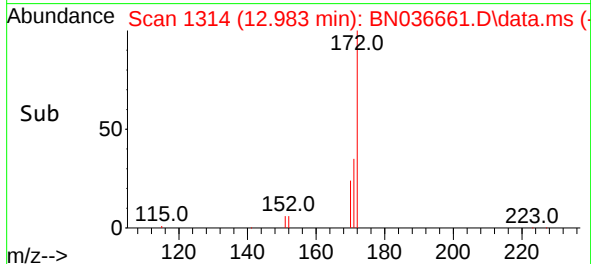
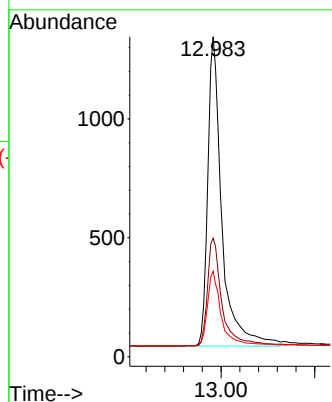
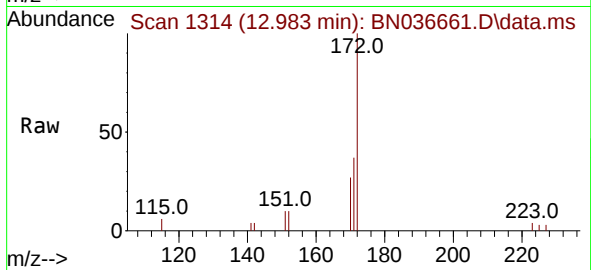




#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 12.983 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

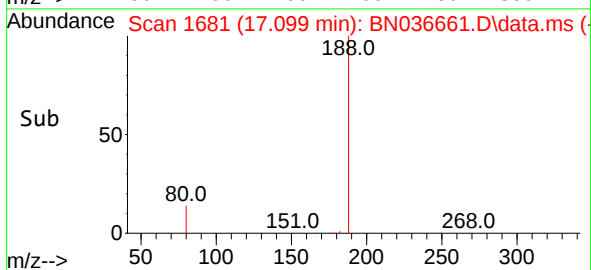
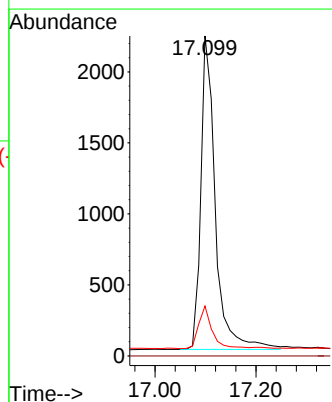
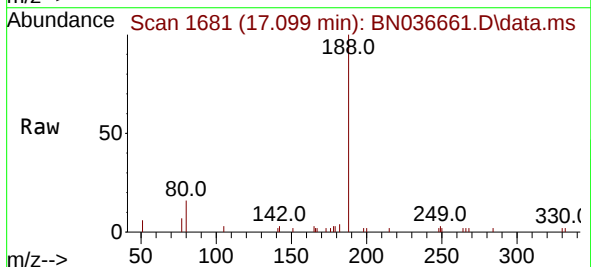
Instrument :
BNA_N
ClientSampleId :
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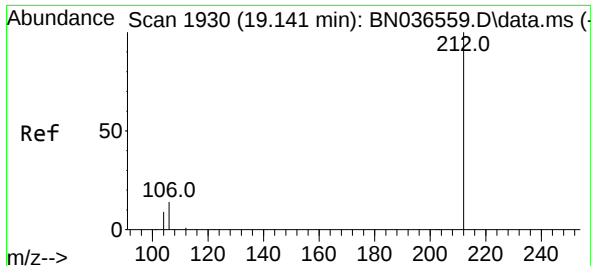
Tgt Ion:172 Resp: 3451
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 26.7 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Tgt Ion:188 Resp: 4400
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.6 8.8 13.2#

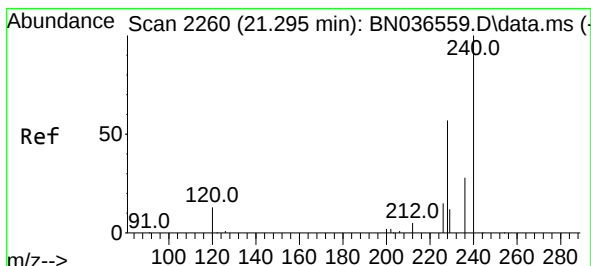
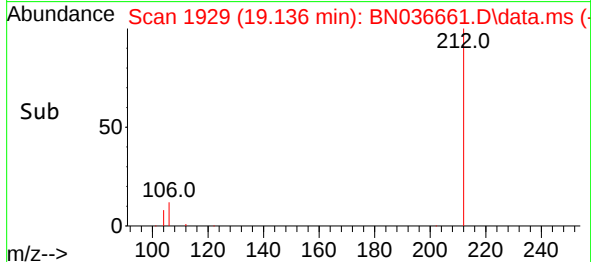
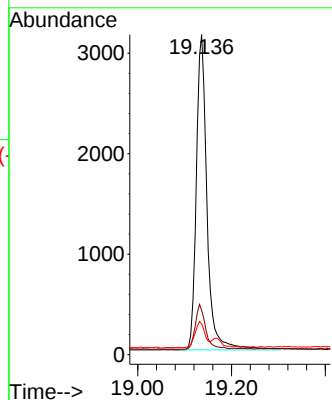
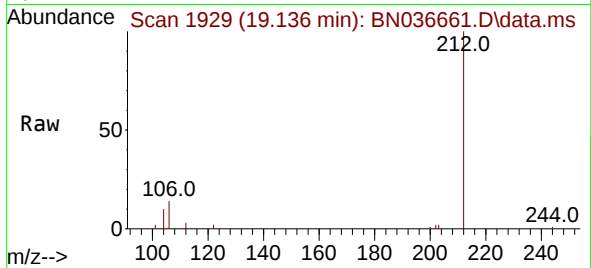




#27
Fluoranthene-d10
Concen: 0.441 ng
RT: 19.136 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

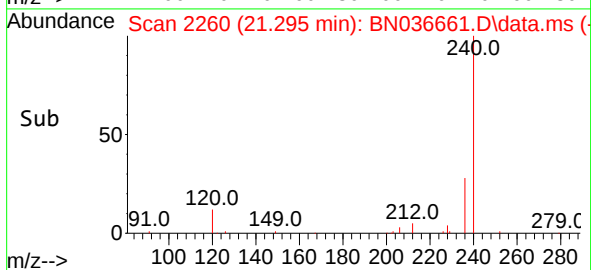
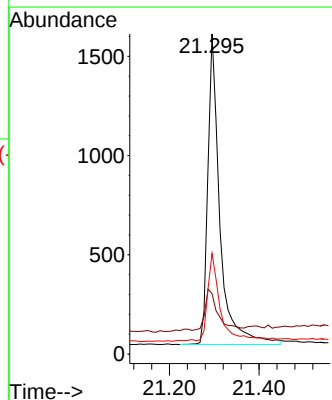
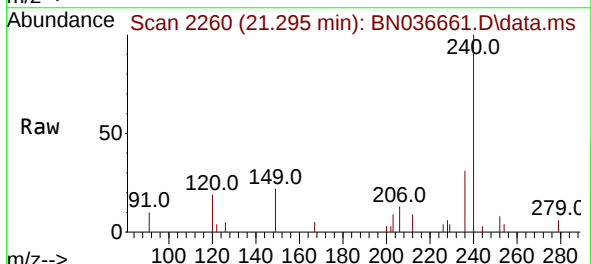
Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313

Tgt Ion:212 Resp: 4972
Ion Ratio Lower Upper
212 100
106 13.6 11.8 17.6
104 7.9 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: BN036661.D
Acq: 17 Mar 2025 16:07

Tgt Ion:240 Resp: 2930
Ion Ratio Lower Upper
240 100
120 18.8 14.6 22.0
236 31.4 24.1 36.1

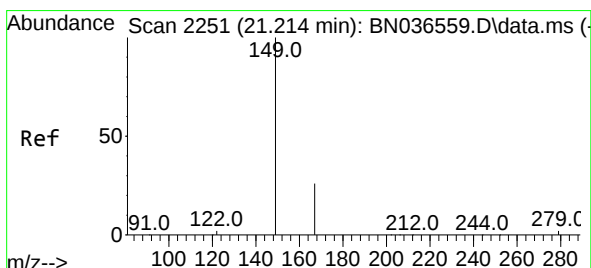
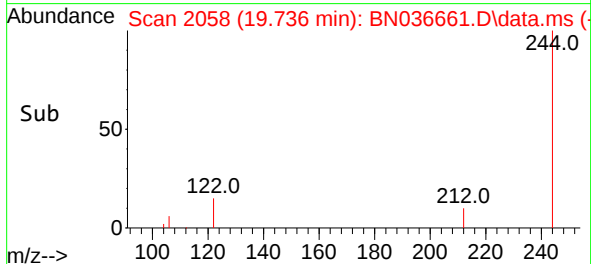
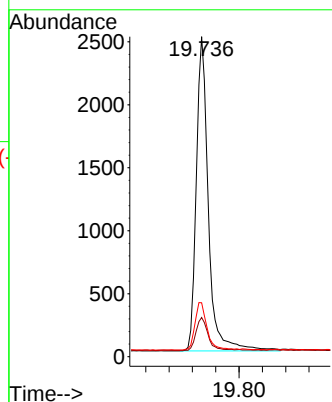
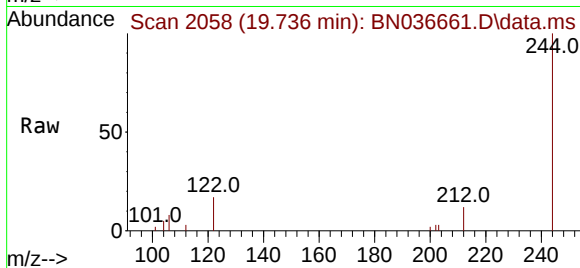




#31
 Terphenyl-d14
 Concen: 0.510 ng
 RT: 19.736 min Scan# 2060
 Delta R.T. -0.009 min
 Lab File: BN036661.D
 Acq: 17 Mar 2025 16:07

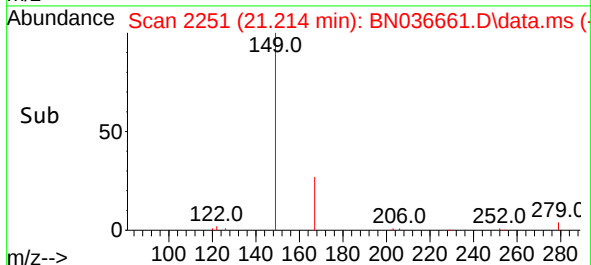
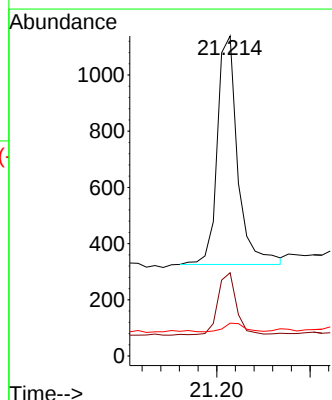
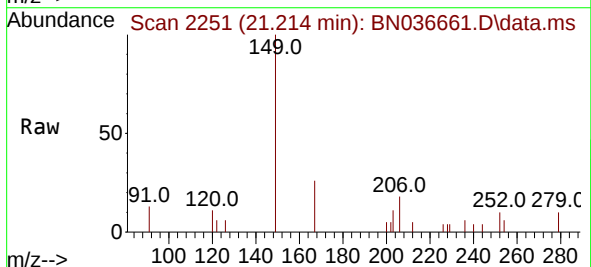
Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20250313

Tgt Ion:244 Resp: 3579
 Ion Ratio Lower Upper
 244 100
 212 12.2 9.6 14.4
 122 16.9 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.170 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036661.D
 Acq: 17 Mar 2025 16:07

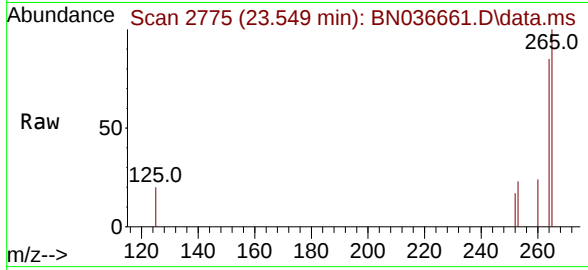
Tgt Ion:149 Resp: 1231
 Ion Ratio Lower Upper
 149 100
 167 24.3 20.7 31.1
 279 3.9 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.549 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN036661.D
 Acq: 17 Mar 2025 16:07

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20250313



Tgt Ion:264 Resp: 2432

Ion	Ratio	Lower	Upper
264	100		
260	28.8	22.6	33.8
265	118.0	88.1	132.1

