

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036760.D
 Acq On : 28 Mar 2025 05:34
 Operator : RC/JU
 Sample : Q1608-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20250319

Quant Time: Mar 28 06:13:56 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)

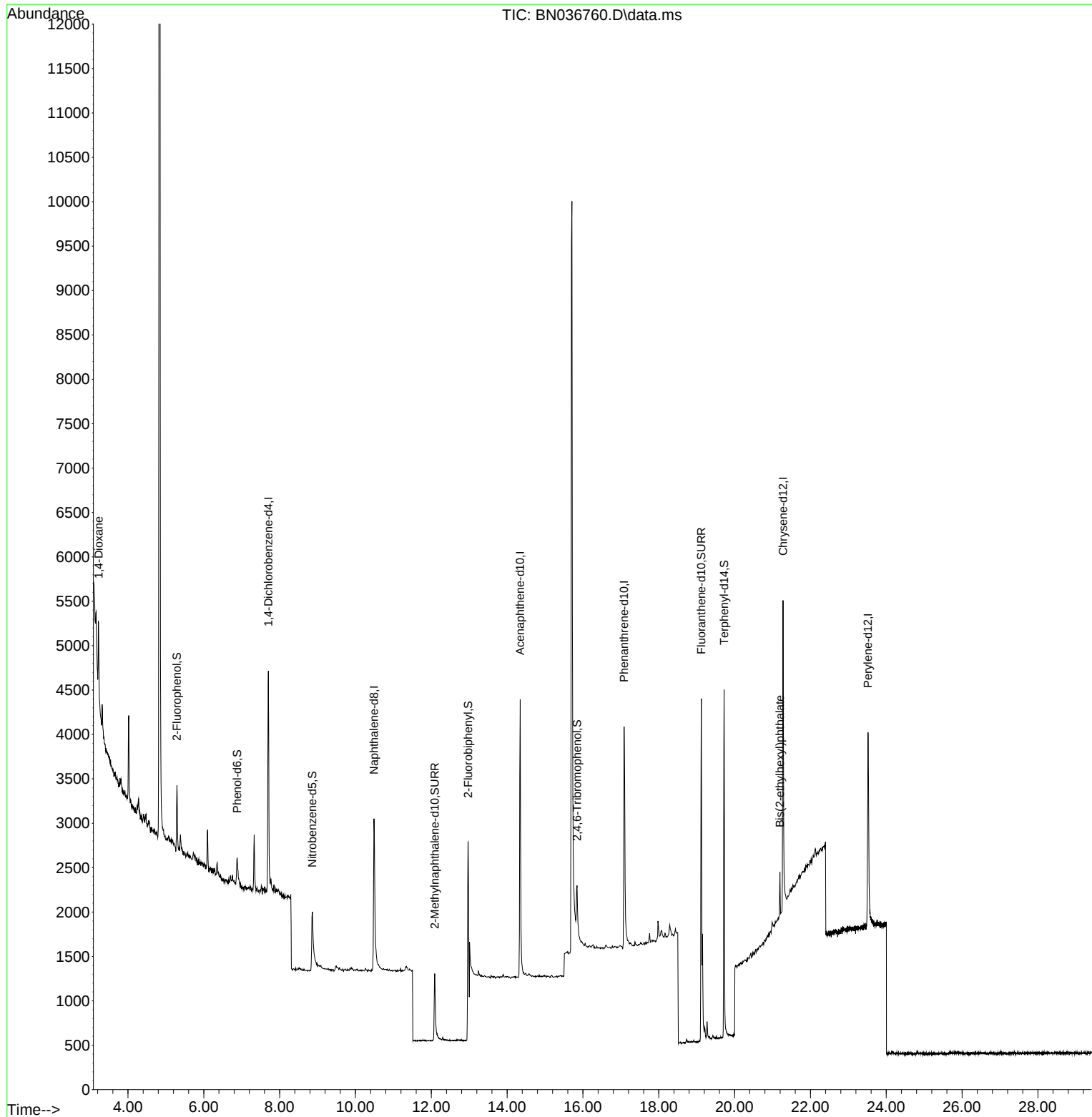
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1354	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3227	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2069	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	4501	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	3749	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3365	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	514	0.163	ng	-0.02
5) Phenol-d6	6.879	99	338	0.087	ng	-0.02
8) Nitrobenzene-d5	8.865	82	1038	0.296	ng	-0.01
11) 2-Methylnaphthalene-d10	12.091	152	1606	0.335	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	439	0.468	ng	-0.01
15) 2-Fluorobiphenyl	12.973	172	4144	0.344	ng	-0.02
27) Fluoranthene-d10	19.122	212	4927	0.427	ng	-0.02
31) Terphenyl-d14	19.722	244	3921	0.437	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	494	0.329	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.196	149	453	0.049	ng	# 96

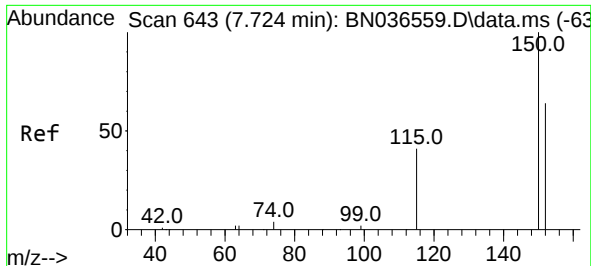
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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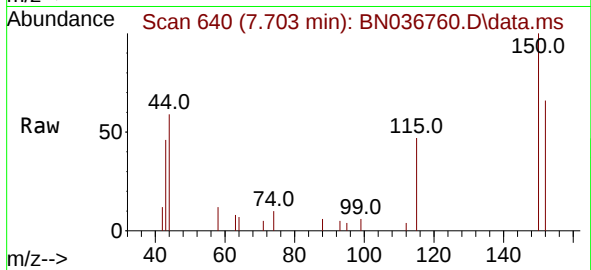
Quant Time: Mar 28 06:13:56 2025
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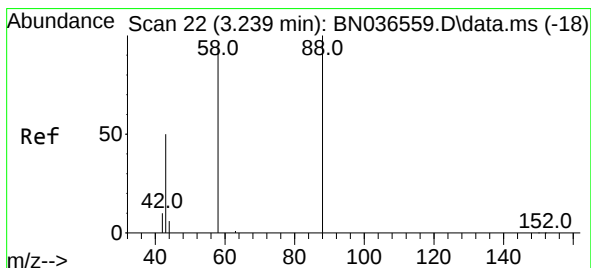
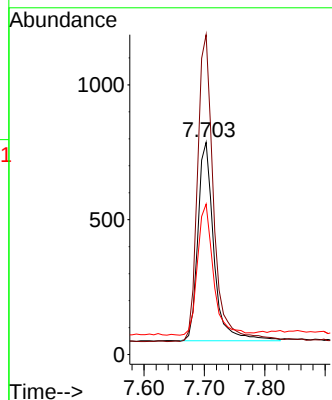
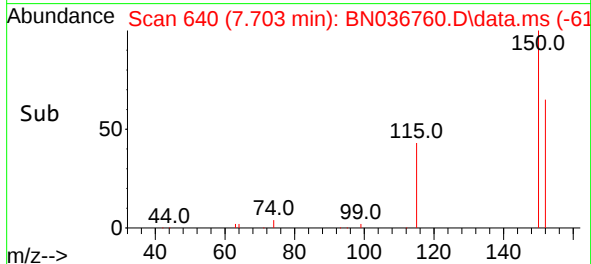


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036760.D
 Acq: 28 Mar 2025 05:34

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20250319

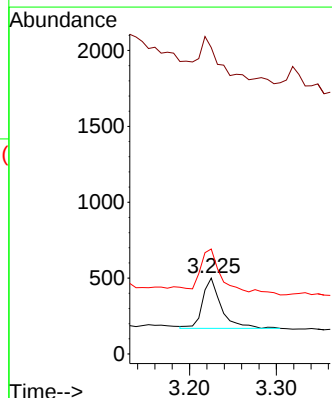
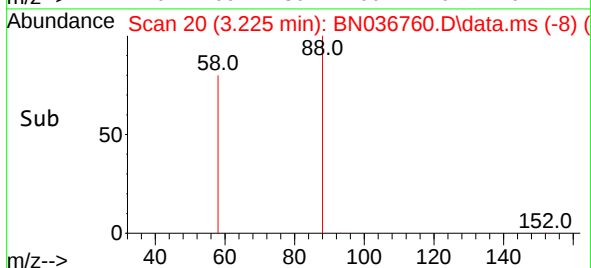
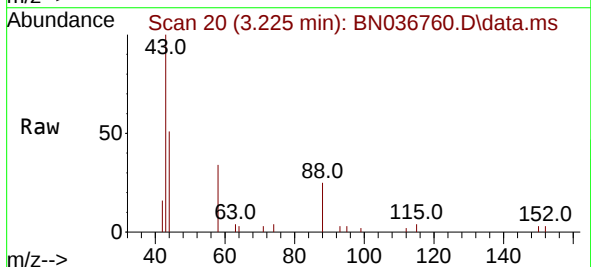


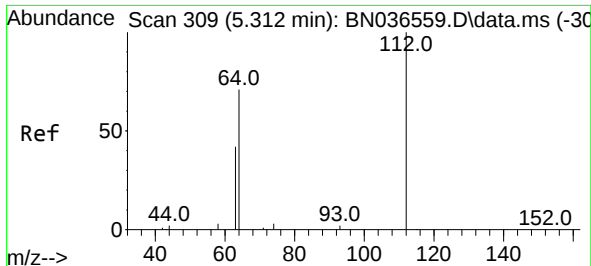
Tgt Ion:152 Resp: 1354
 Ion Ratio Lower Upper
 152 100
 150 150.7 123.7 185.5
 115 70.9 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.329 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036760.D
 Acq: 28 Mar 2025 05:34

Tgt Ion: 88 Resp: 494
 Ion Ratio Lower Upper
 88 100
 43 111.3 37.8 56.8#
 58 86.6 67.4 101.2

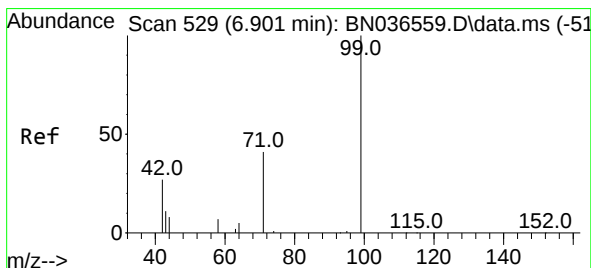
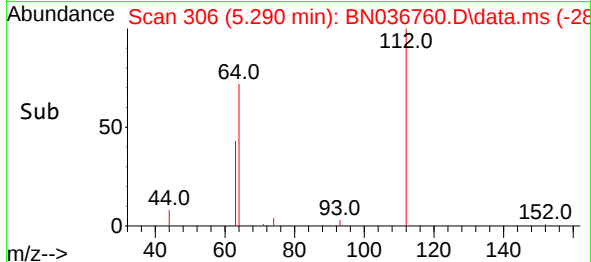
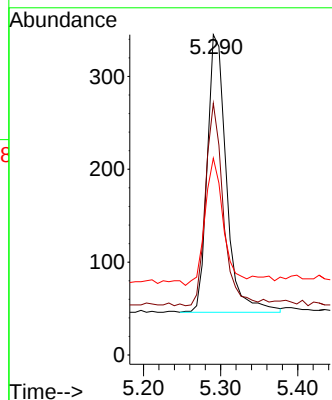
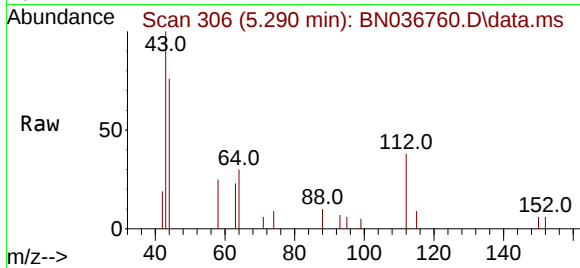




#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

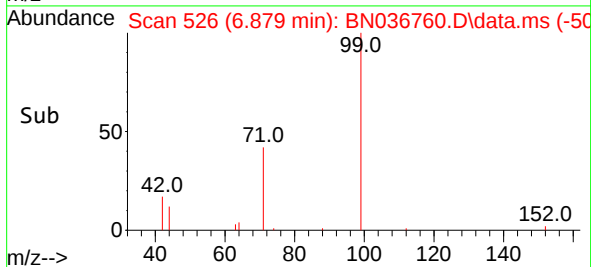
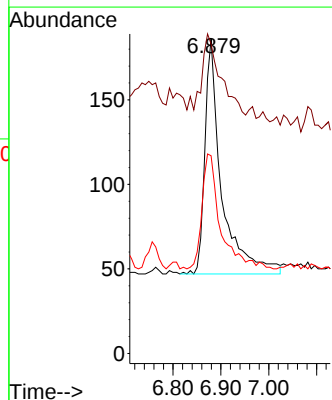
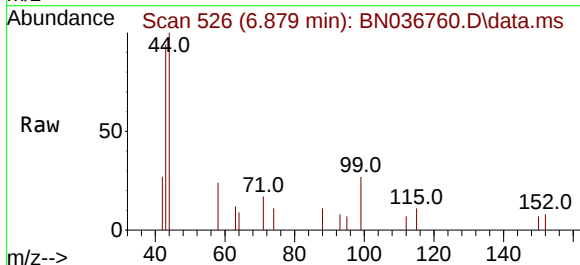
Instrument :
BNA_N
ClientSampleId :
TT161S1-20250319

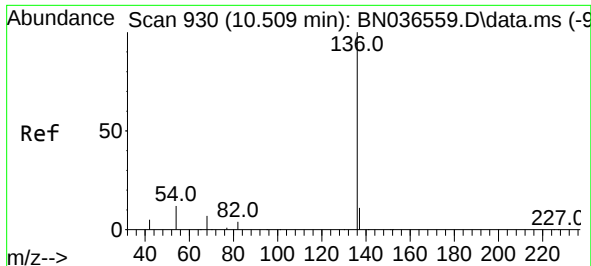
Tgt Ion:112 Resp: 514
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 44.2 31.8 47.8



#5
Phenol-d6
Concen: 0.087 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Tgt Ion: 99 Resp: 338
Ion Ratio Lower Upper
99 100
42 37.3 26.5 39.7
71 53.8 34.1 51.1#

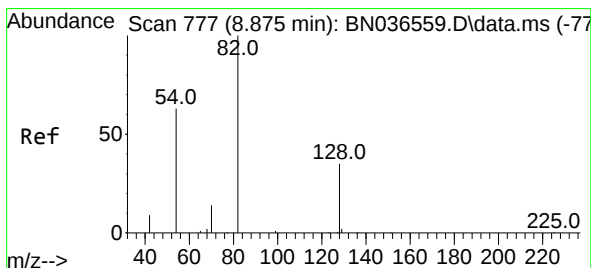
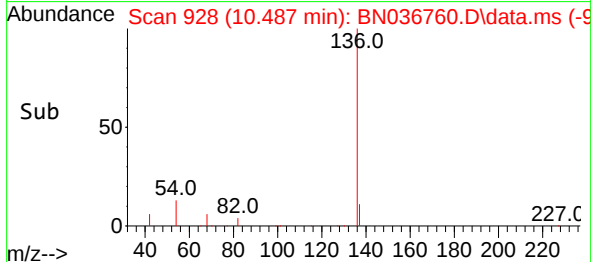
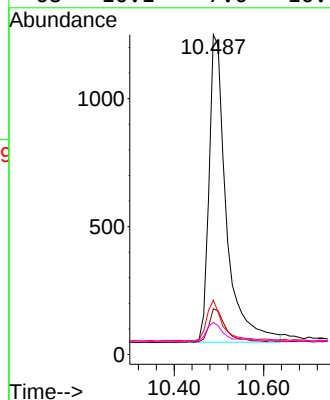
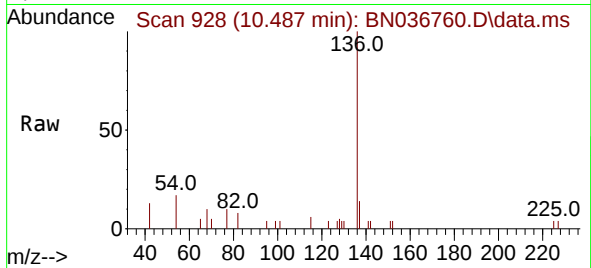




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

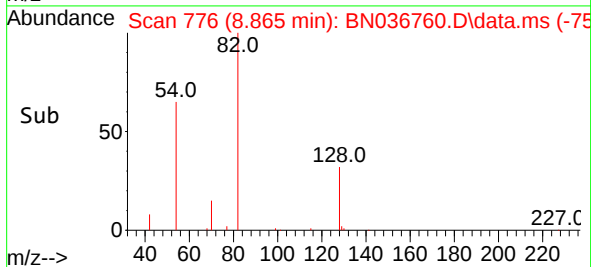
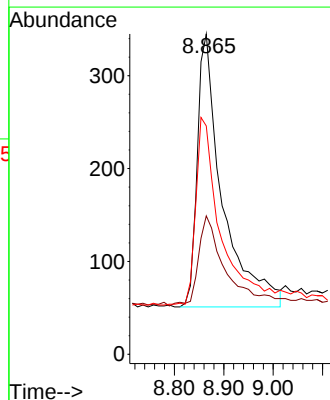
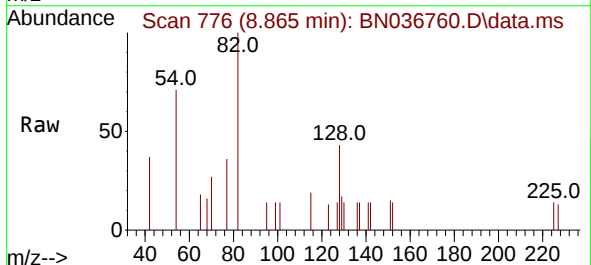
Instrument :
BNA_N
ClientSampleId :
TT161S1-20250319

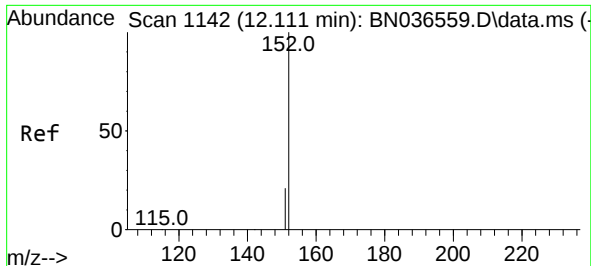
Tgt Ion:136	Resp:	3227
Ion	Ratio	Lower Upper
136	100	
137	14.3	10.3 15.5
54	17.0	11.5 17.3
68	10.1	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Tgt Ion: 82	Resp:	1038
Ion	Ratio	Lower Upper
82	100	
128	43.2	30.6 45.8
54	71.3	52.2 78.4

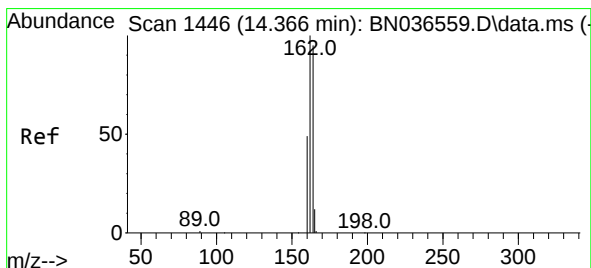
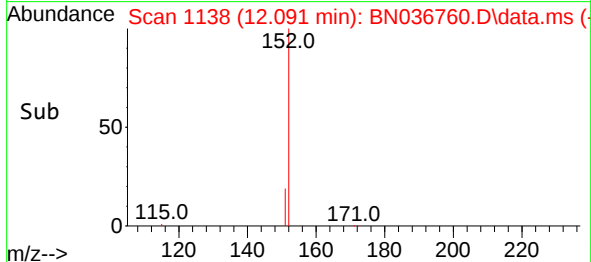
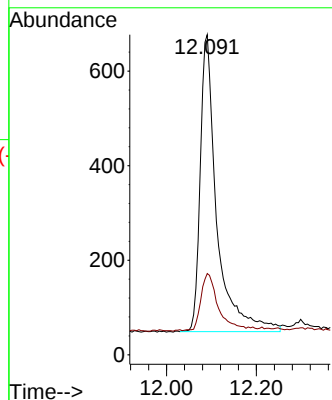
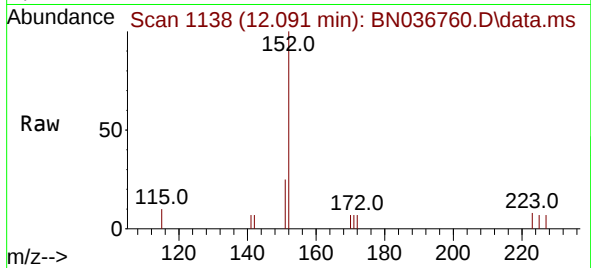




#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.091 min Scan# 1142
Delta R.T. -0.020 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

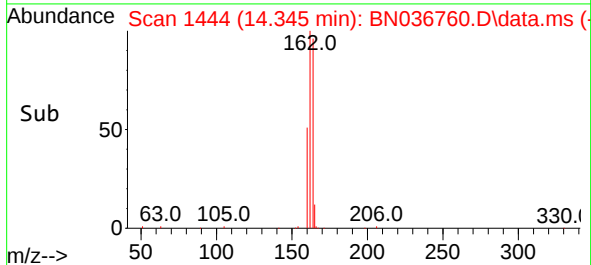
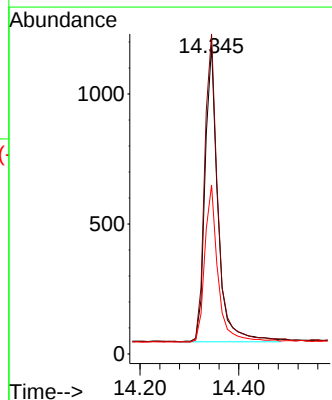
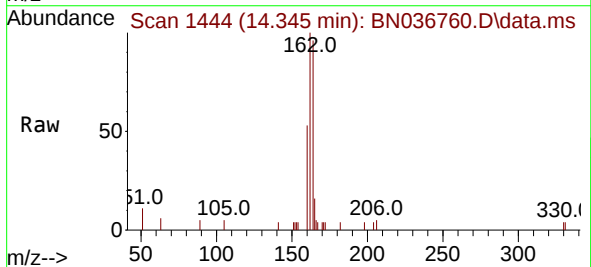
Instrument :
BNA_N
ClientSampleId :
TT161S1-20250319

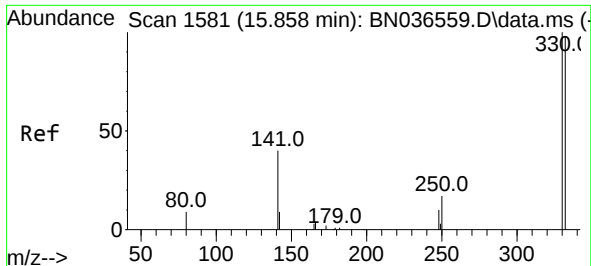
Tgt Ion:152 Resp: 1606
Ion Ratio Lower Upper
152 100
151 20.0 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

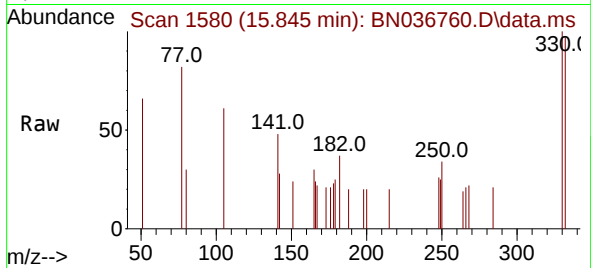
Tgt Ion:164 Resp: 2069
Ion Ratio Lower Upper
164 100
162 103.8 84.2 126.2
160 54.8 42.2 63.2



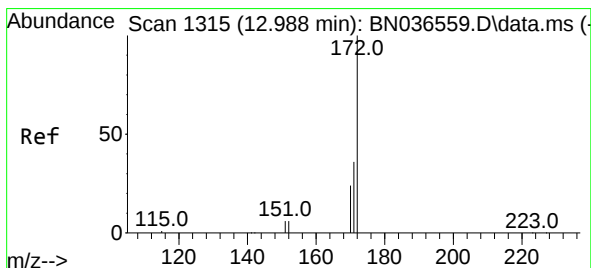
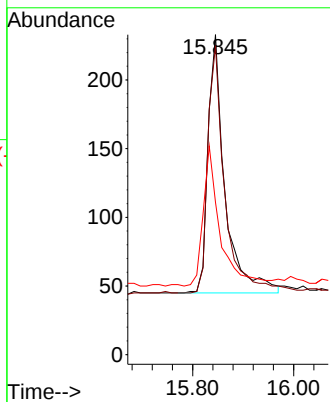
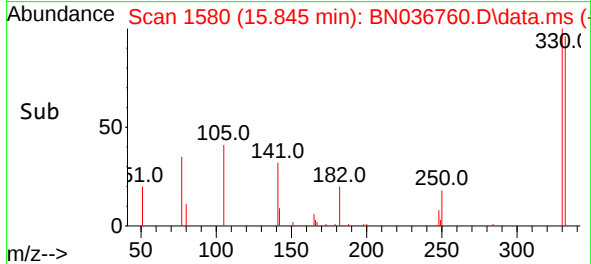


#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Instrument :
BNA_N
ClientSampleId :
TT161S1-20250319

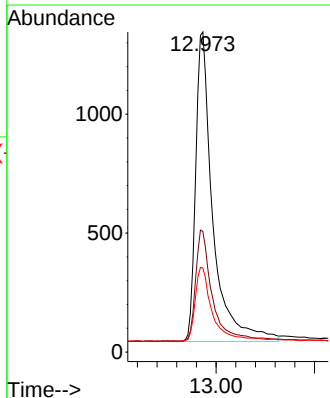
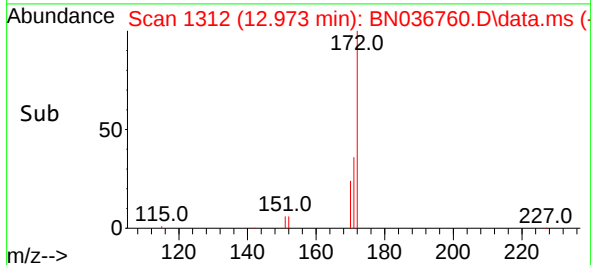
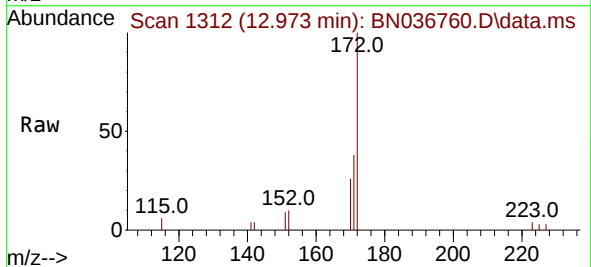


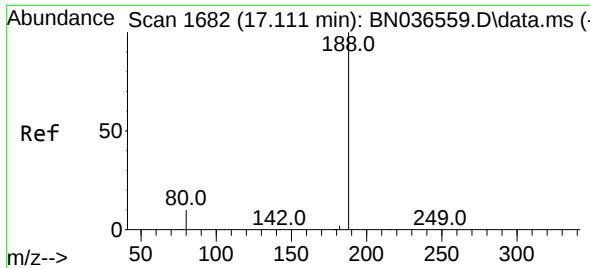
Tgt Ion:330 Resp: 439
Ion Ratio Lower Upper
330 100
332 96.1 75.2 112.8
141 54.7 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.015 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Tgt Ion:172 Resp: 4144
Ion Ratio Lower Upper
172 100
171 37.7 29.5 44.3
170 26.2 20.2 30.4

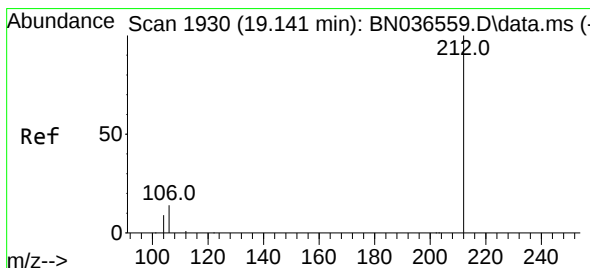
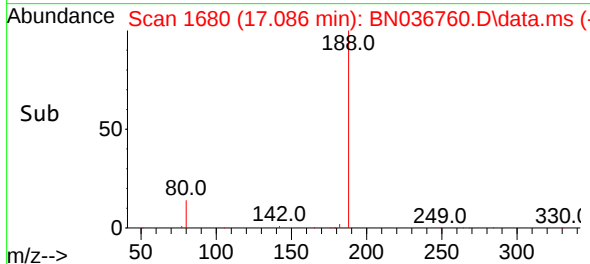
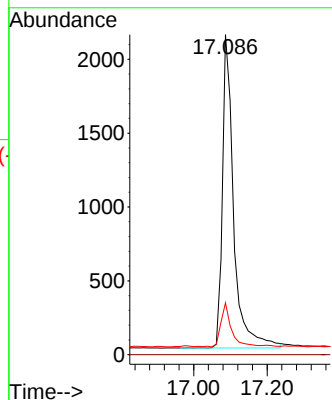
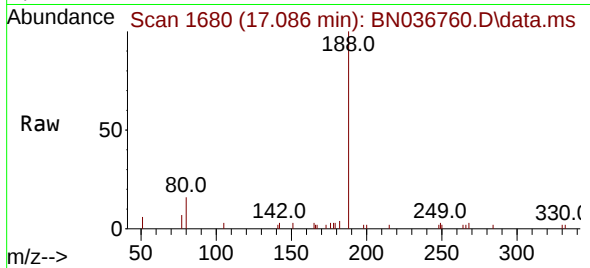




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

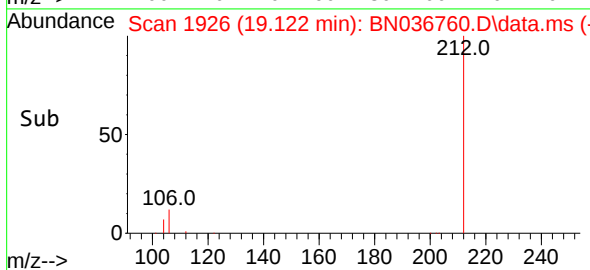
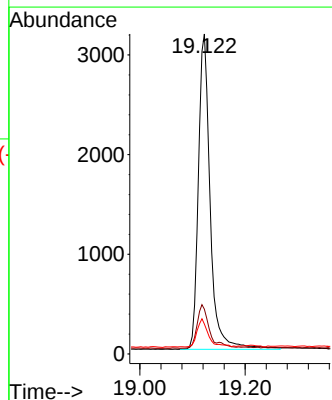
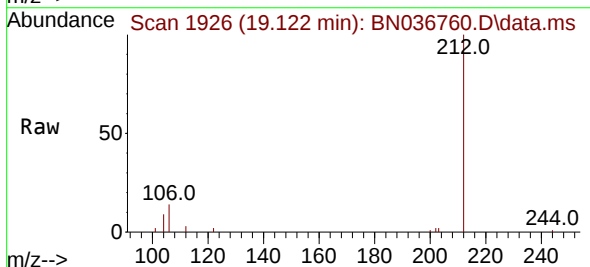
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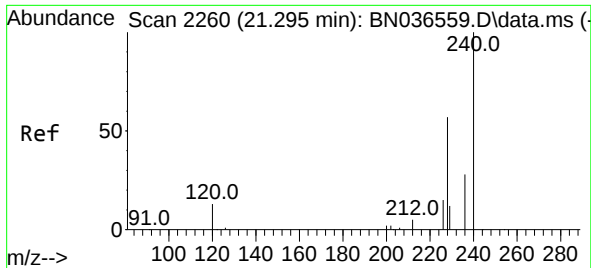
Tgt Ion:188 Resp: 4501
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.2 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.427 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.018 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Tgt Ion:212 Resp: 4927
Ion Ratio Lower Upper
212 100
106 14.5 11.8 17.6
104 8.6 7.3 10.9

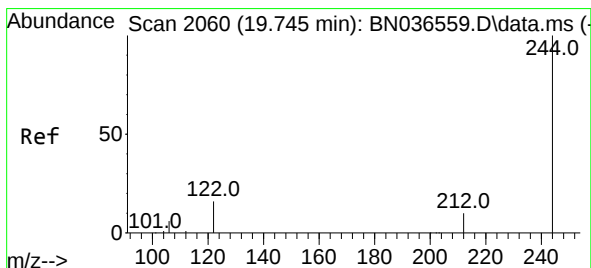
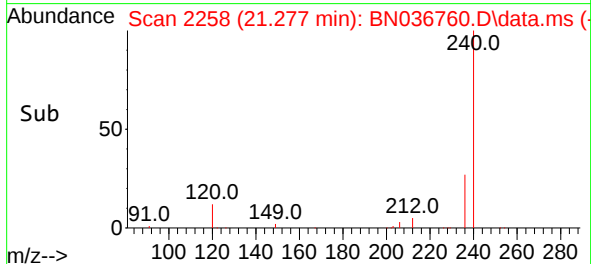
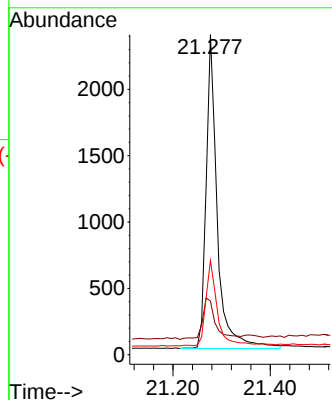
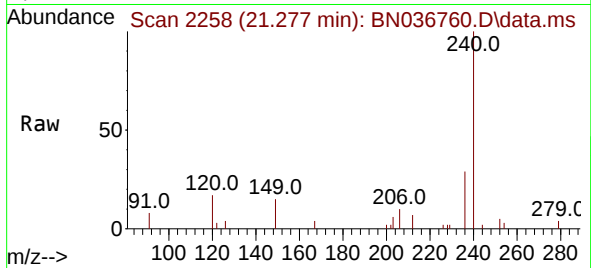




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

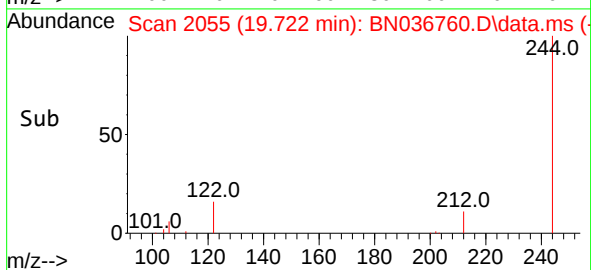
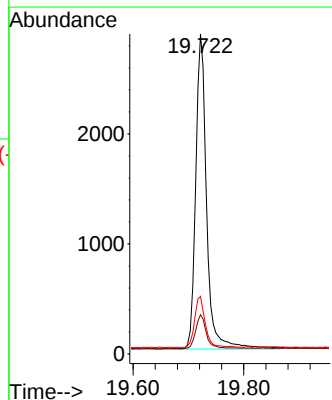
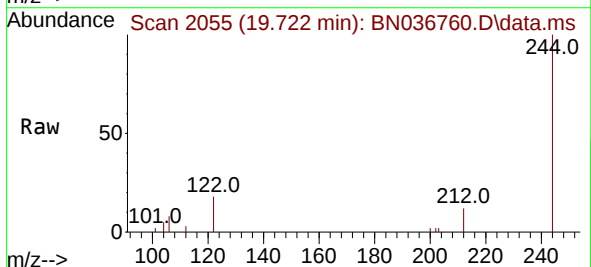
Instrument :
BNA_N
ClientSampleId :
TT161S1-20250319

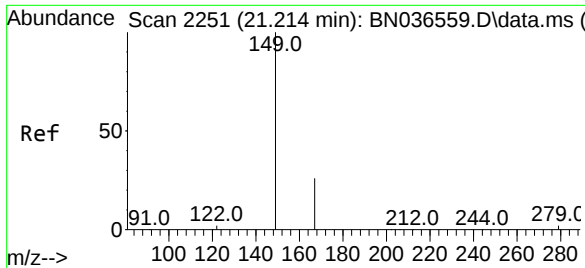
Tgt Ion:240 Resp: 3749
Ion Ratio Lower Upper
240 100
120 16.7 14.6 22.0
236 29.5 24.1 36.1



#31
Terphenyl-d14
Concen: 0.437 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Tgt Ion:244 Resp: 3921
Ion Ratio Lower Upper
244 100
212 12.3 9.6 14.4
122 18.0 13.9 20.9

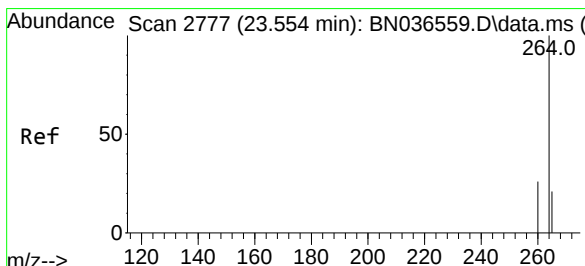
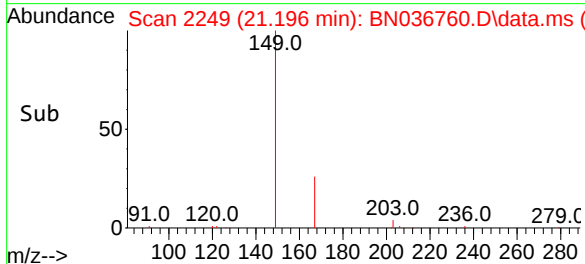
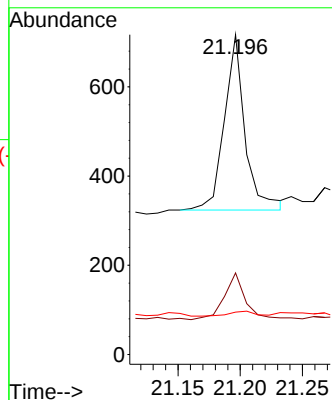
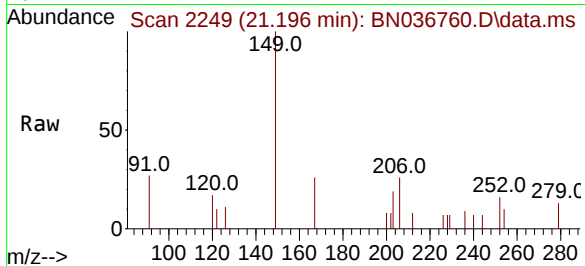




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.049 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036760.D
 Acq: 28 Mar 2025 05:34

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20250319

Tgt Ion:149 Resp: 453
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.7 31.1
 279 3.5 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.519 min Scan# 2765
 Delta R.T. -0.035 min
 Lab File: BN036760.D
 Acq: 28 Mar 2025 05:34

Tgt Ion:264 Resp: 3365
 Ion Ratio Lower Upper
 264 100
 260 27.8 22.6 33.8
 265 85.5 88.1 132.1#

