

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036761.D
 Acq On : 28 Mar 2025 06:10
 Operator : RC/JU
 Sample : Q1608-23
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-20250319

Quant Time: Mar 28 06:38:14 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)

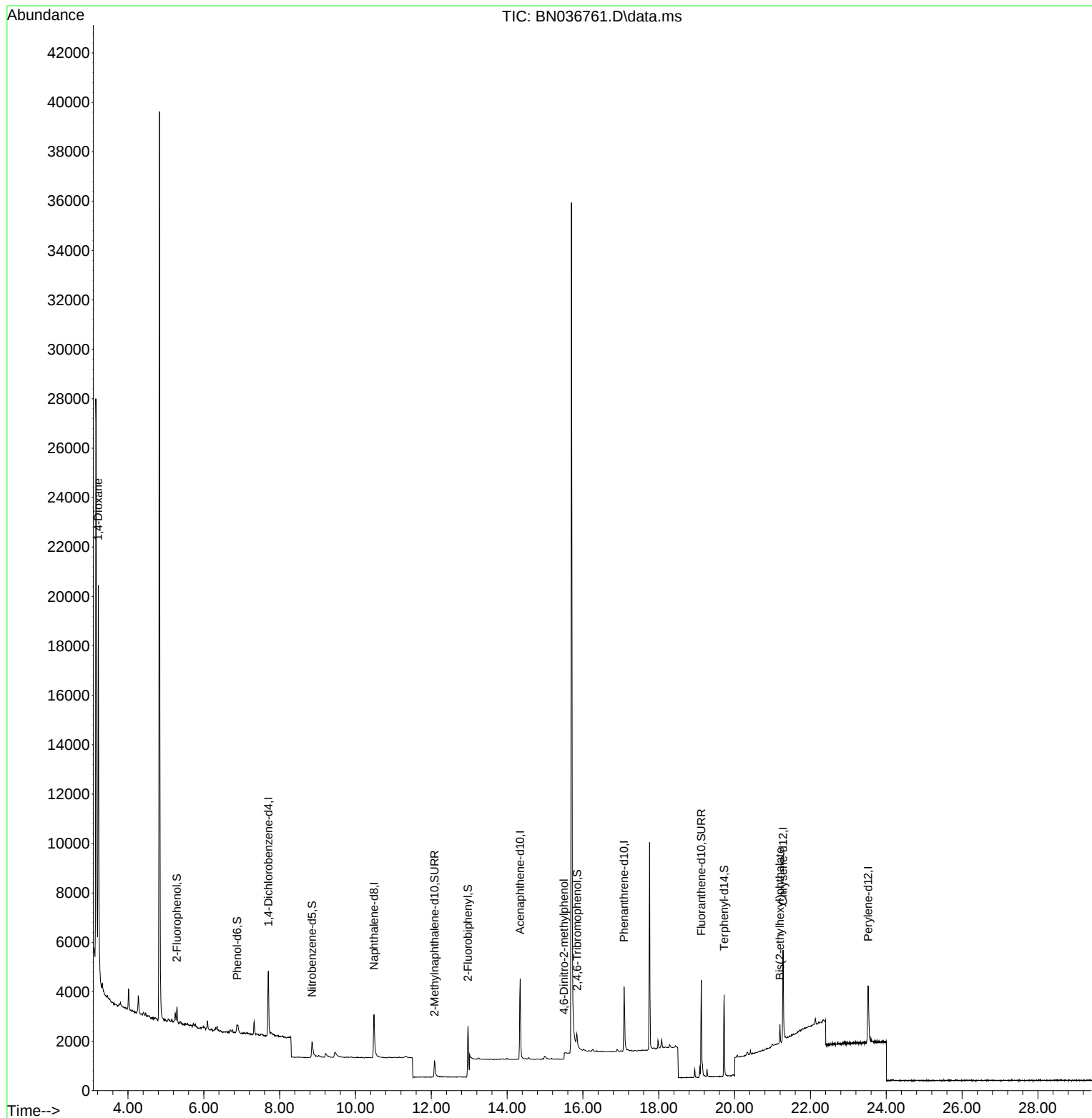
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1268	0.400	ng	-0.02
7) Naphthalene-d8	10.488	136	2959	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	1903	0.400	ng	-0.02
19) Phenanthrene-d10	17.087	188	4076	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	3929	0.400	ng	-0.02
35) Perylene-d12	23.522	264	3627	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	493	0.167	ng	-0.02
5) Phenol-d6	6.879	99	331	0.091	ng	-0.02
8) Nitrobenzene-d5	8.854	82	903	0.281	ng	-0.02
11) 2-Methylnaphthalene-d10	12.086	152	1293	0.294	ng	-0.03
14) 2,4,6-Tribromophenol	15.845	330	357	0.413	ng	-0.01
15) 2-Fluorobiphenyl	12.968	172	3402	0.307	ng	-0.02
27) Fluoranthene-d10	19.123	212	4643	0.444	ng	-0.02
31) Terphenyl-d14	19.722	244	3383	0.359	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	8208	5.835	ng	94
20) 4,6-Dinitro-2-methylph...	15.500	198	1	0.147	ng	# 8
34) Bis(2-ethylhexyl)phtha...	21.196	149	690	0.071	ng	92

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

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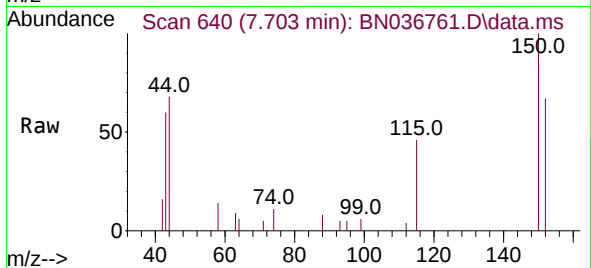
Quant Time: Mar 28 06:38:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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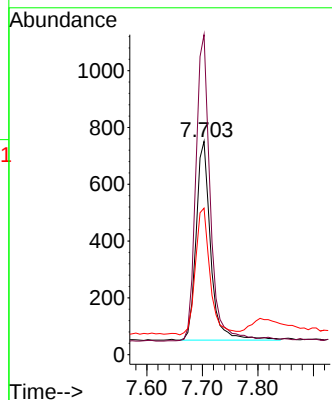
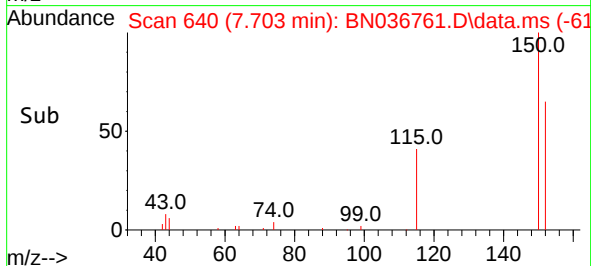


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036761.D
 Acq: 28 Mar 2025 06:10

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-20250319

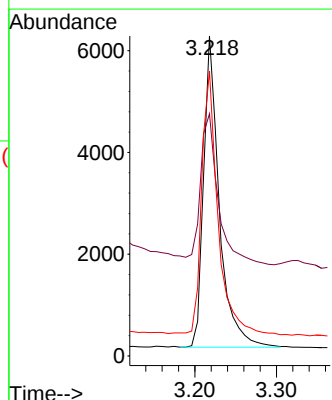
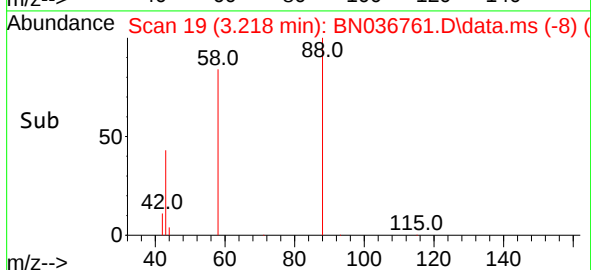
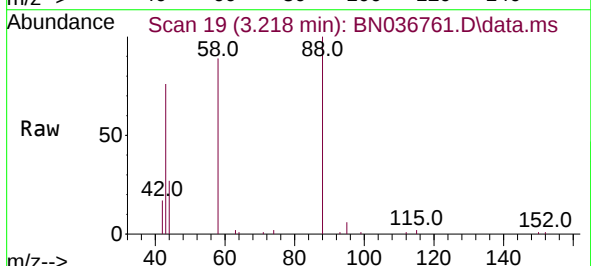


Tgt Ion:152 Resp: 1268
 Ion Ratio Lower Upper
 152 100
 150 150.1 123.7 185.5
 115 68.7 54.3 81.5



#2
 1,4-Dioxane
 Concen: 5.835 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036761.D
 Acq: 28 Mar 2025 06:10

Tgt Ion: 88 Resp: 8208
 Ion Ratio Lower Upper
 88 100
 43 54.9 37.8 56.8
 58 87.5 67.4 101.2

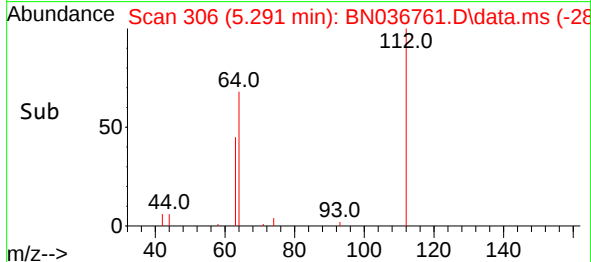
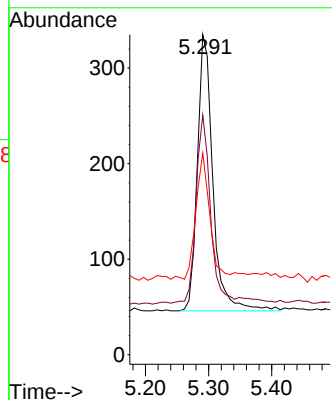
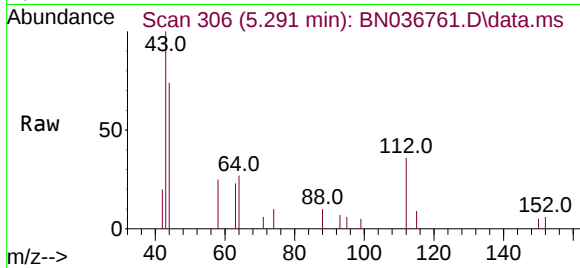




#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.291 min Scan# 309
Delta R.T. -0.021 min
Lab File: BN036761.D
Acq: 28 Mar 2025 06:10

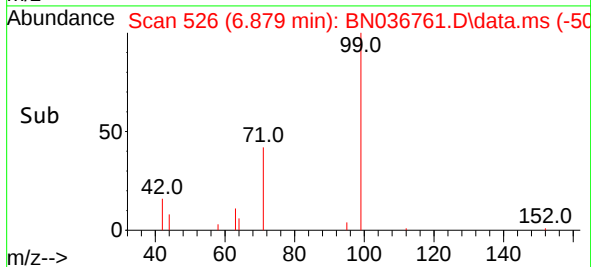
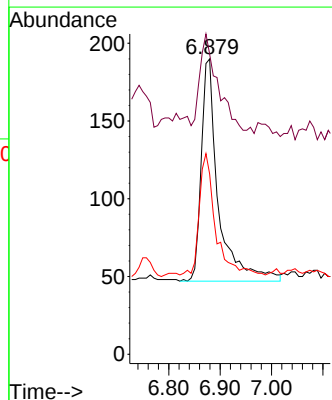
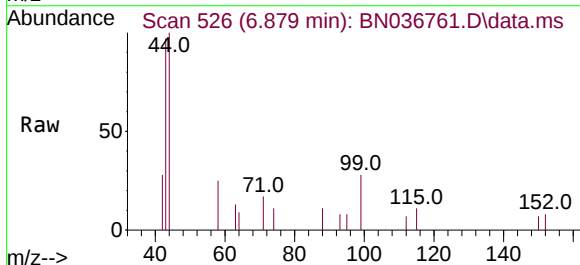
Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319

Tgt Ion:112 Resp: 493
Ion Ratio Lower Upper
112 100
64 62.7 53.1 79.7
63 38.7 31.8 47.8



#5
Phenol-d6
Concen: 0.091 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.021 min
Lab File: BN036761.D
Acq: 28 Mar 2025 06:10

Tgt Ion: 99 Resp: 331
Ion Ratio Lower Upper
99 100
42 47.7 26.5 39.7#
71 51.1 34.1 51.1

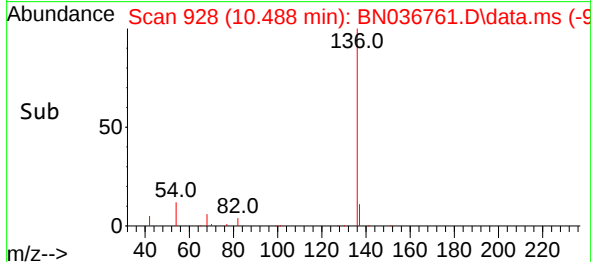
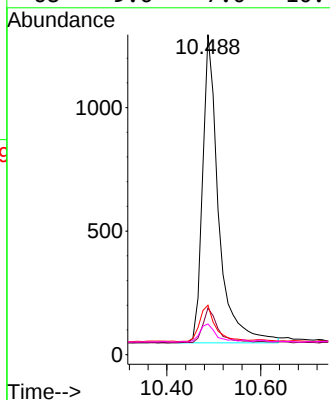
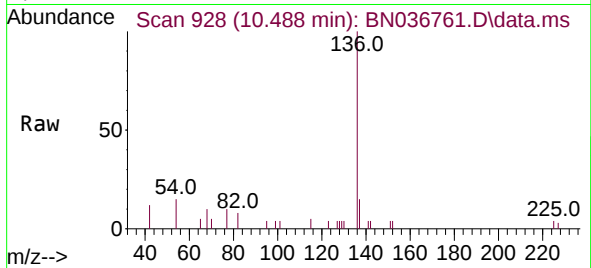




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036761.D
Acq: 28 Mar 2025 06:10

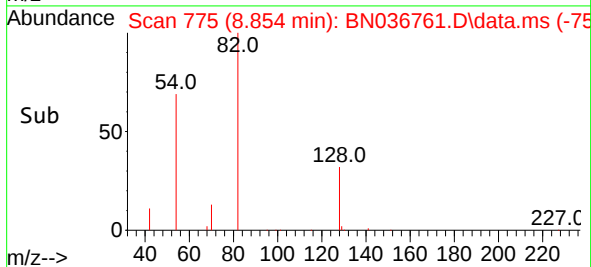
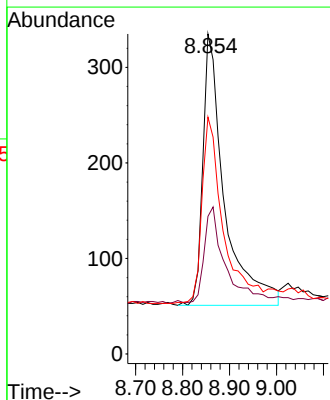
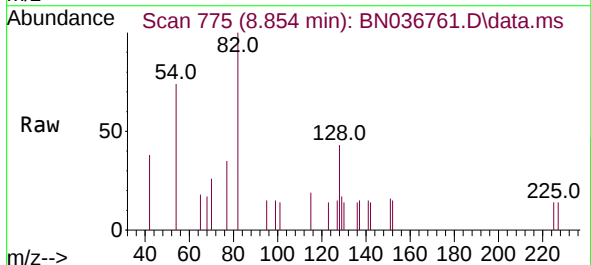
Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319

Tgt Ion:	136	Resp:	2959
Ion	Ratio	Lower	Upper
136	100		
137	14.5	10.3	15.5
54	15.4	11.5	17.3
68	9.6	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036761.D
Acq: 28 Mar 2025 06:10

Tgt Ion:	82	Resp:	903
Ion	Ratio	Lower	Upper
82	100		
128	43.0	30.6	45.8
54	74.0	52.2	78.4

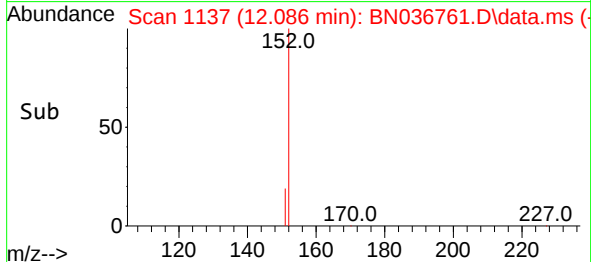
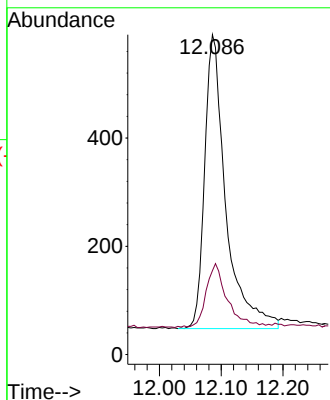
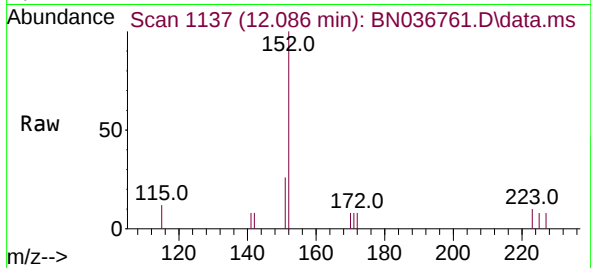




#11
2-Methylnaphthalene-d10
Concen: 0.294 ng
RT: 12.086 min Scan# 1142
Delta R.T. -0.025 min
Lab File: BN036761.D
Acq: 28 Mar 2025 06:10

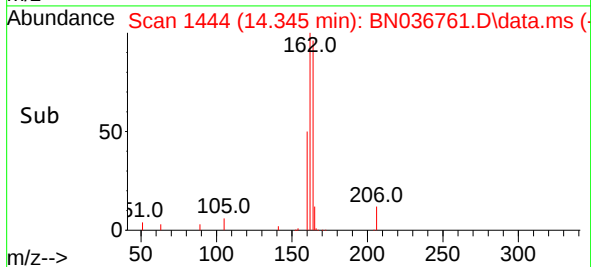
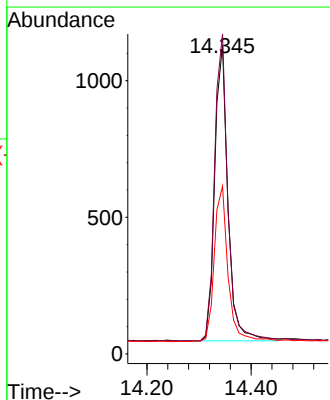
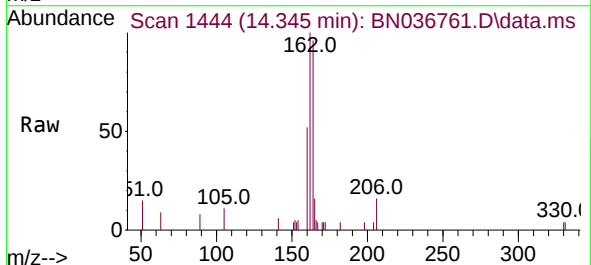
Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319

Tgt Ion:152 Resp: 1293
Ion Ratio Lower Upper
152 100
151 21.8 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: BN036761.D
Acq: 28 Mar 2025 06:10

Tgt Ion:164 Resp: 1903
Ion Ratio Lower Upper
164 100
162 103.6 84.2 126.2
160 54.3 42.2 63.2

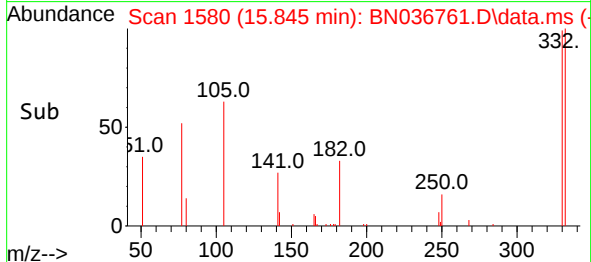
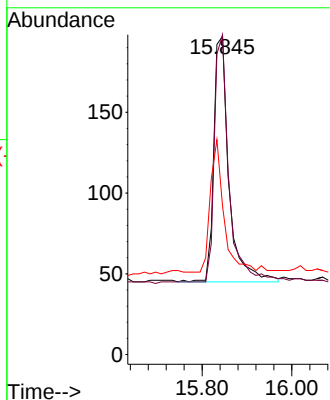
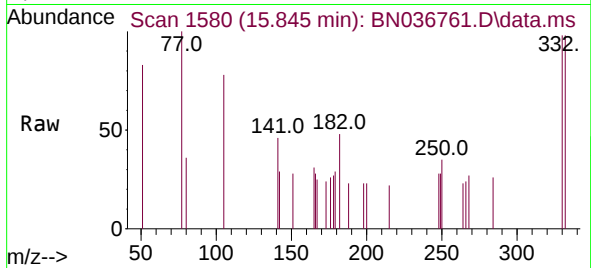




#14
2,4,6-Tribromophenol
Concen: 0.413 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036761.D
Acq: 28 Mar 2025 06:10

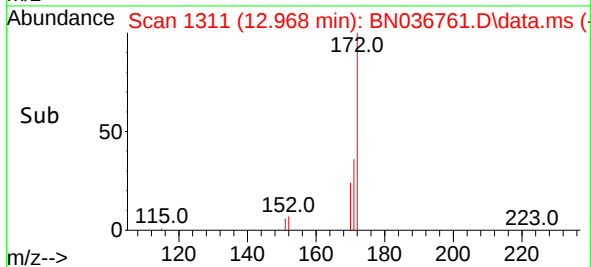
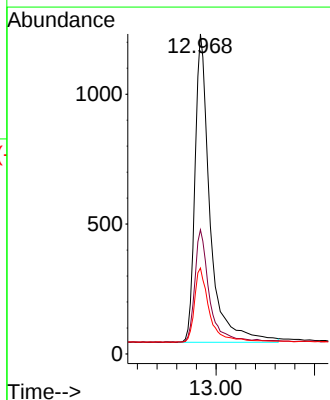
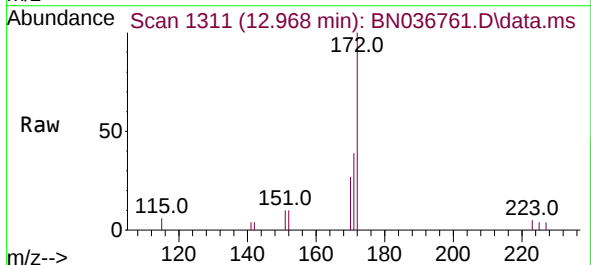
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TT189D2-20250319

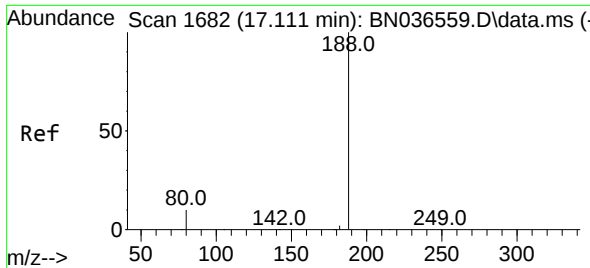
Tgt Ion:330 Resp: 357
Ion Ratio Lower Upper
330 100
332 96.1 75.2 112.8
141 49.0 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.020 min
Lab File: BN036761.D
Acq: 28 Mar 2025 06:10

Tgt Ion:172 Resp: 3402
Ion Ratio Lower Upper
172 100
171 38.8 29.5 44.3
170 26.9 20.2 30.4

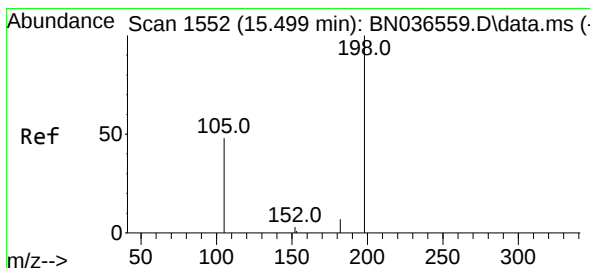
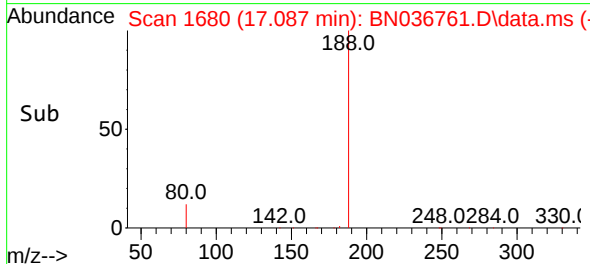
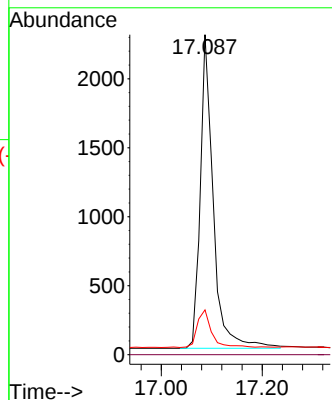
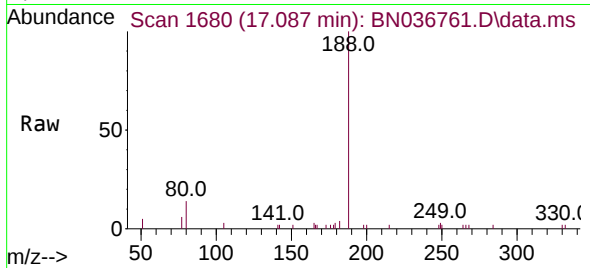




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036761.D
Acq: 28 Mar 2025 06:10

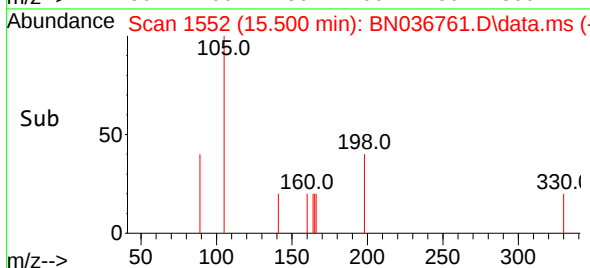
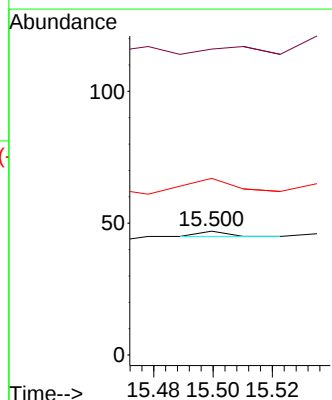
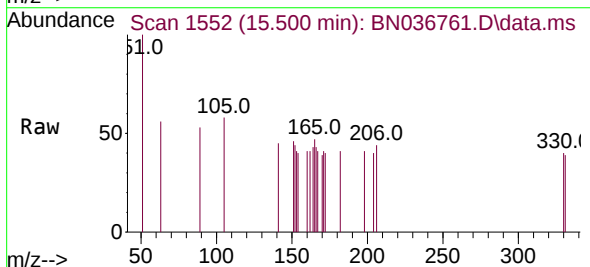
Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319

Tgt Ion:188 Resp: 4076
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.500 min Scan# 1552
Delta R.T. 0.001 min
Lab File: BN036761.D
Acq: 28 Mar 2025 06:10

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 246.8 107.9 161.9#
105 142.6 56.2 84.2#

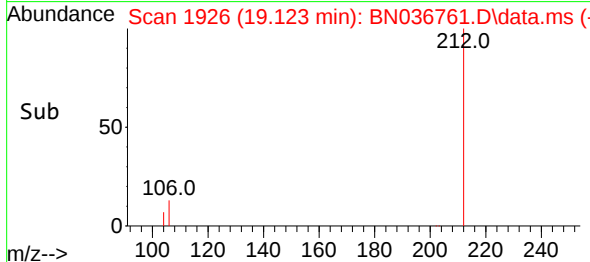
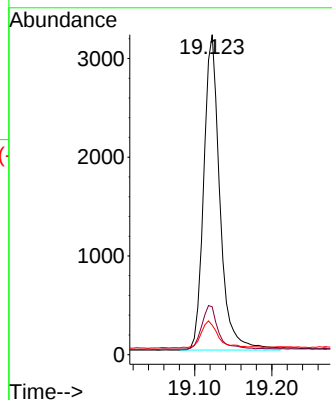
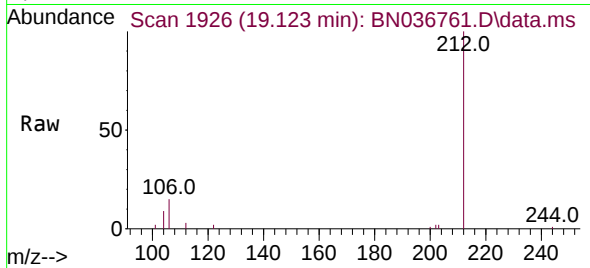




#27
Fluoranthene-d10
Concen: 0.444 ng
RT: 19.123 min Scan# 1930
Delta R.T. -0.018 min
Lab File: BN036761.D
Acq: 28 Mar 2025 06:10

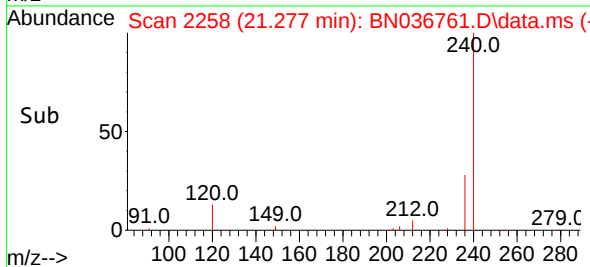
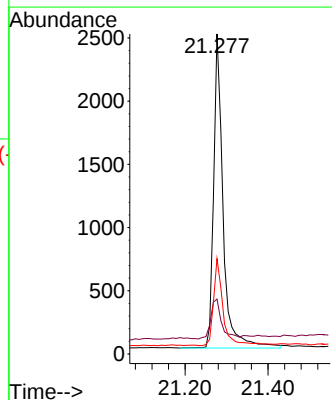
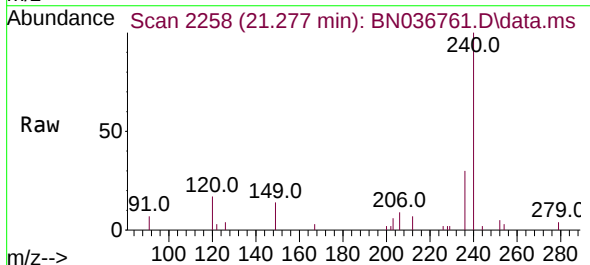
Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319

Tgt Ion:	212	Resp:	4643
Ion Ratio	Lower	Upper	
212	100		
106	13.9	11.8	17.6
104	9.3	7.3	10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036761.D
Acq: 28 Mar 2025 06:10

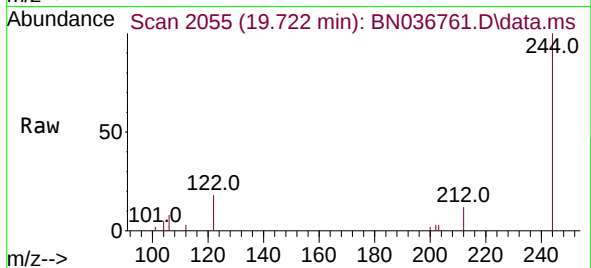
Tgt Ion:	240	Resp:	3929
Ion Ratio	Lower	Upper	
240	100		
120	17.1	14.6	22.0
236	29.8	24.1	36.1



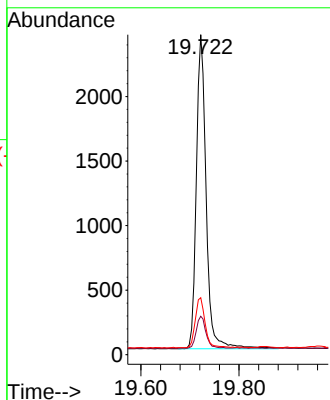
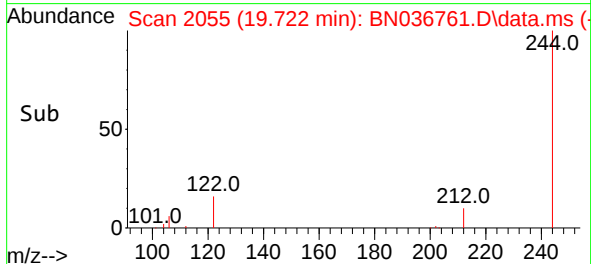


#31
Terphenyl-d14
Concen: 0.359 ng
RT: 19.722 min Scan# 2060
Delta R.T. -0.023 min
Lab File: BN036761.D
Acq: 28 Mar 2025 06:10

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319

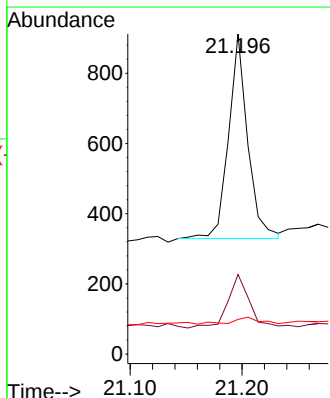
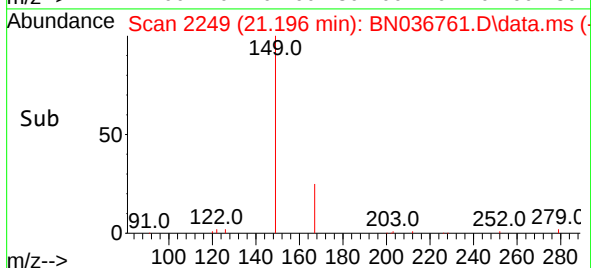
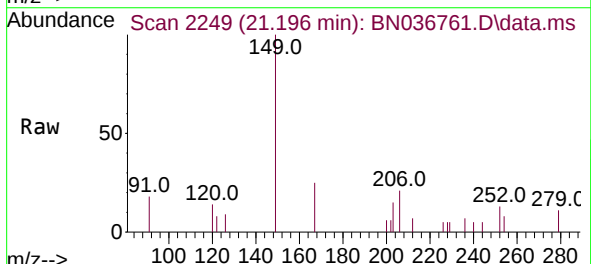


Tgt Ion:244 Resp: 3383
Ion Ratio Lower Upper
244 100
212 12.0 9.6 14.4
122 17.8 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.071 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.018 min
Lab File: BN036761.D
Acq: 28 Mar 2025 06:10

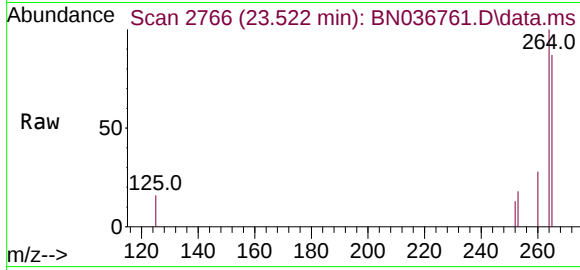
Tgt Ion:149 Resp: 690
Ion Ratio Lower Upper
149 100
167 30.4 20.7 31.1
279 5.1 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.522 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: BN036761.D
 Acq: 28 Mar 2025 06:10

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-20250319



Tgt Ion:264 Resp: 3627
 Ion Ratio Lower Upper
 264 100
 260 27.8 22.6 33.8
 265 87.4 88.1 132.1#

