

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036662.D
 Acq On : 17 Mar 2025 16:43
 Operator : RC/JU
 Sample : Q1582-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20250313

Quant Time: Mar 17 17:51:41 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)

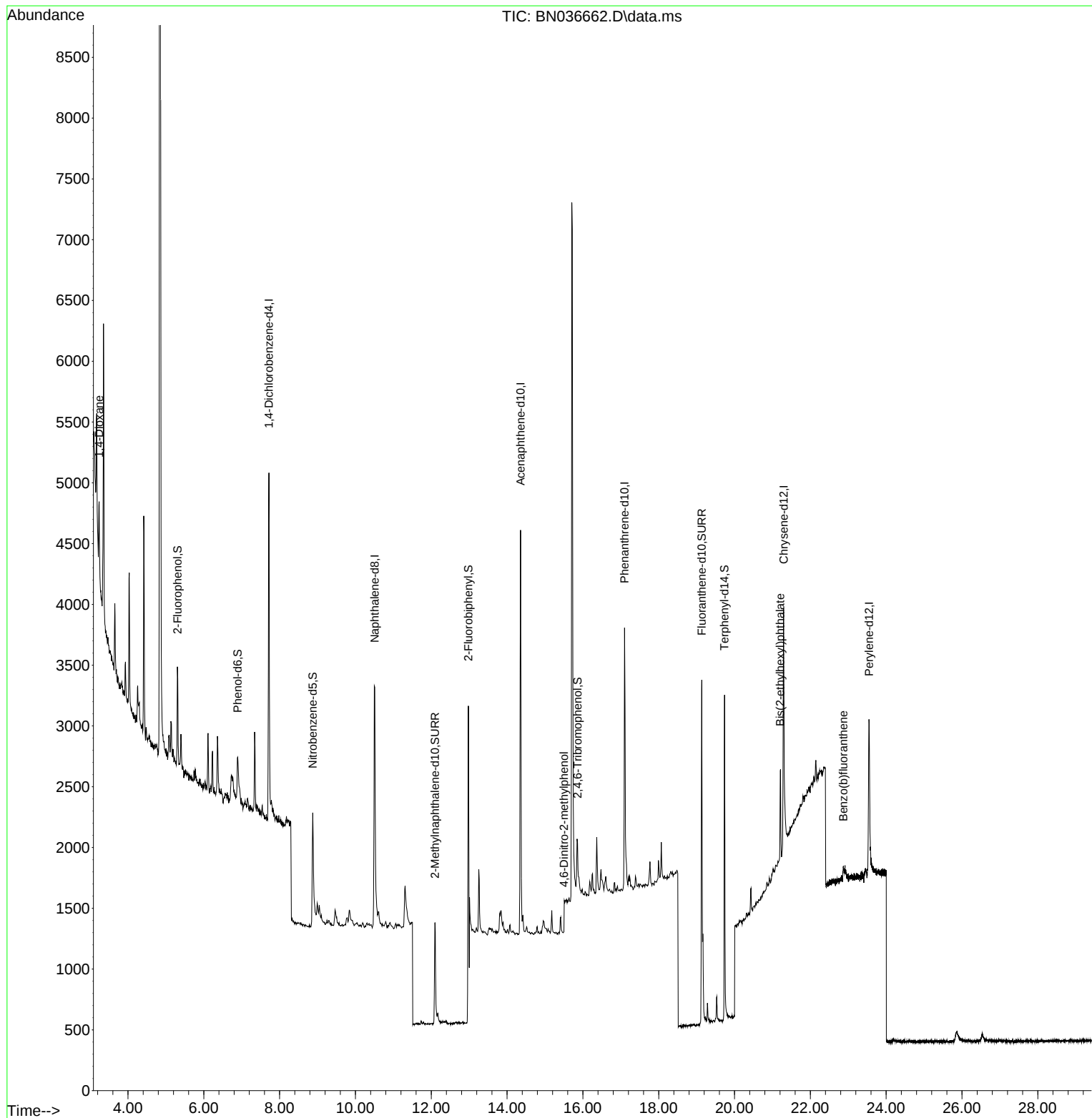
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1471	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	3486	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	1974	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	3397	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	2382	0.400	ng	0.00
35) Perylene-d12	23.548	264	2179	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	592	0.173	ng	0.00
5) Phenol-d6	6.894	99	397	0.094	ng	0.00
8) Nitrobenzene-d5	8.875	82	1160	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	1492	0.288	ng	-0.02
14) 2,4,6-Tribromophenol	15.858	330	308	0.344	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	3792	0.330	ng	-0.01
27) Fluoranthene-d10	19.136	212	3548	0.408	ng	0.00
31) Terphenyl-d14	19.736	244	2614	0.458	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	319	0.195	ng	# 53
20) 4,6-Dinitro-2-methylph...	15.499	198	6	0.153	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	896	0.152	ng	96
37) Benzo(b)fluoranthene	22.873	252	162	0.020	ng	# 1

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

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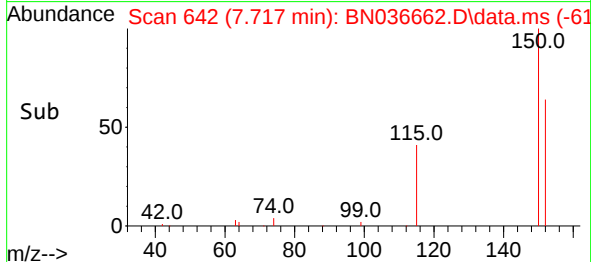
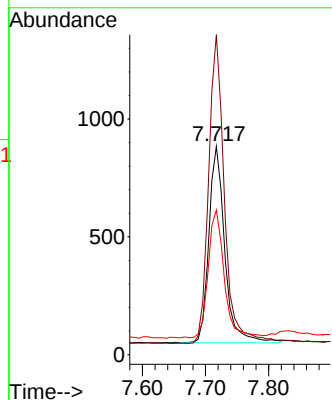
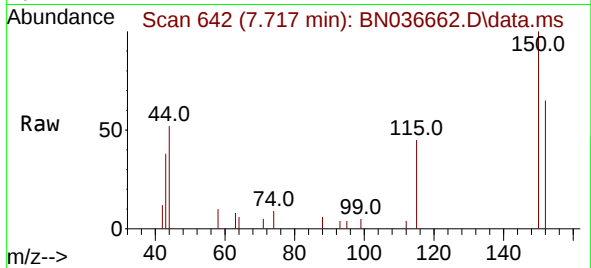




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036662.D
Acq: 17 Mar 2025 16:43

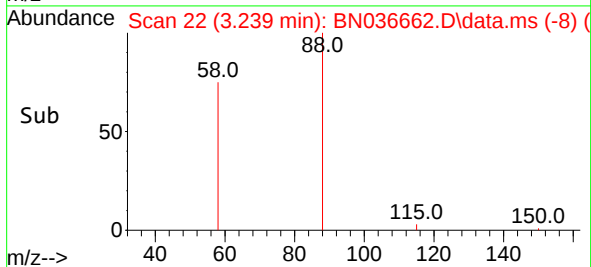
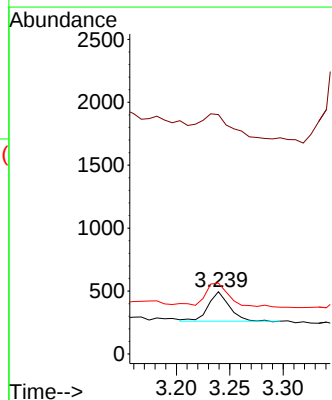
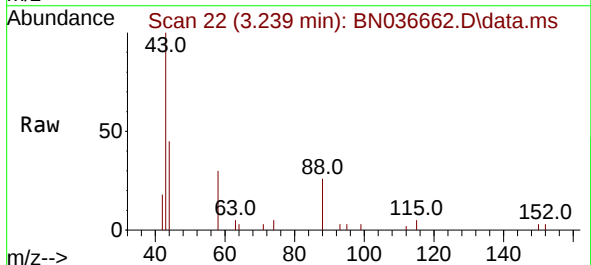
Instrument :
BNA_N
ClientSampleId :
TT180D-20250313

Tgt Ion:152 Resp: 1471
Ion Ratio Lower Upper
152 100
150 153.6 123.7 185.5
115 69.5 54.3 81.5



#2
1,4-Dioxane
Concen: 0.195 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN036662.D
Acq: 17 Mar 2025 16:43

Tgt Ion: 88 Resp: 319
Ion Ratio Lower Upper
88 100
43 120.7 37.8 56.8#
58 94.7 67.4 101.2

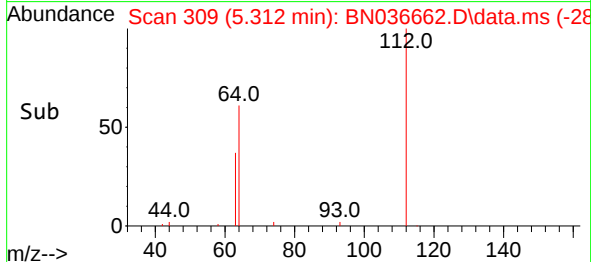
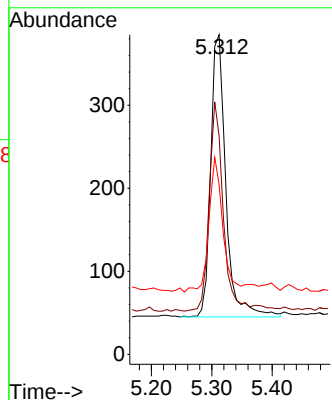
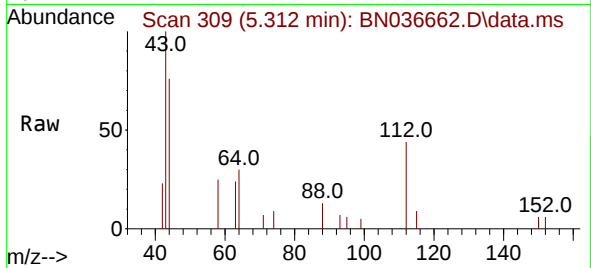




#4
2-Fluorophenol
Concen: 0.173 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036662.D
Acq: 17 Mar 2025 16:43

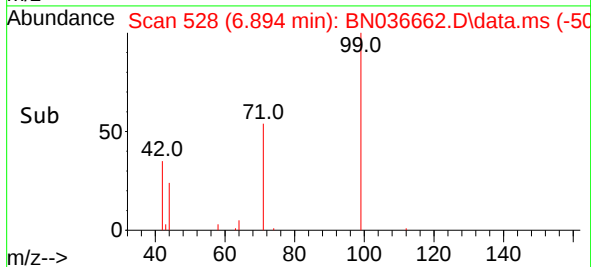
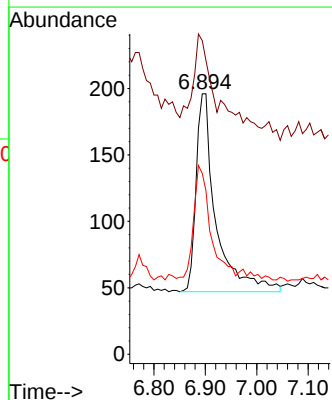
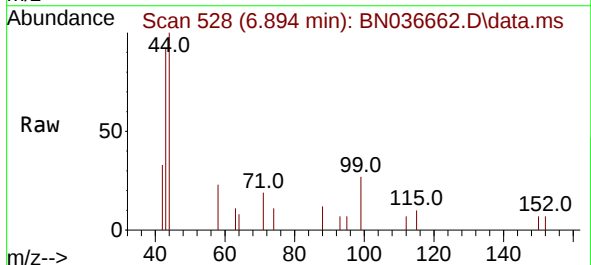
Instrument :
BNA_N
ClientSampleId :
TT180D-20250313

Tgt Ion:112 Resp: 592
Ion Ratio Lower Upper
112 100
64 70.3 53.1 79.7
63 43.4 31.8 47.8



#5
Phenol-d6
Concen: 0.094 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036662.D
Acq: 17 Mar 2025 16:43

Tgt Ion: 99 Resp: 397
Ion Ratio Lower Upper
99 100
42 30.2 26.5 39.7
71 48.1 34.1 51.1

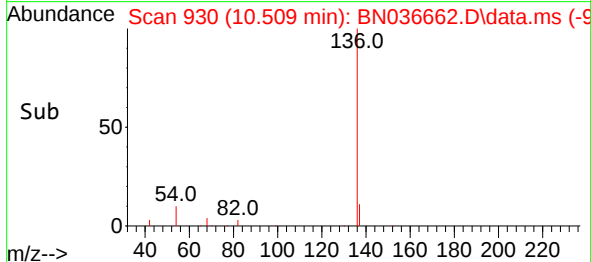
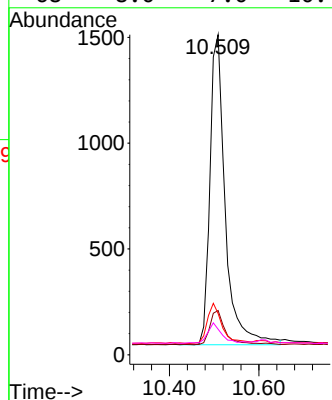
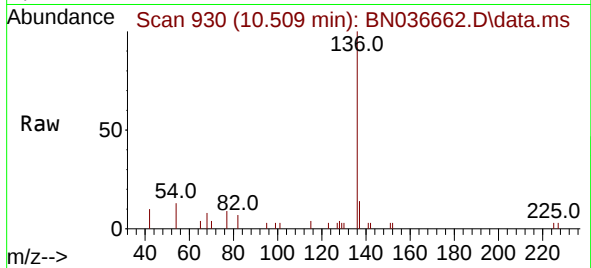




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036662.D
Acq: 17 Mar 2025 16:43

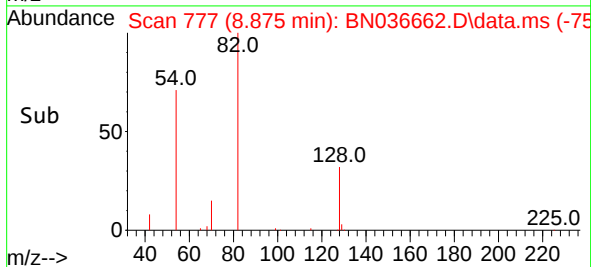
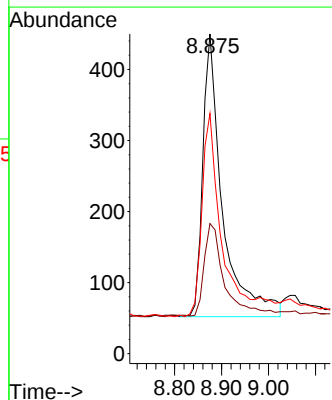
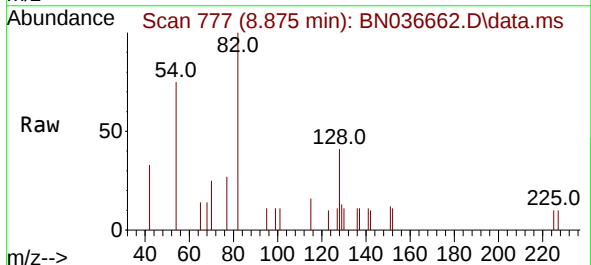
Instrument :
BNA_N
ClientSampleId :
TT180D-20250313

Tgt Ion:	136	Resp:	3486
Ion	Ratio	Lower	Upper
136	100		
137	13.8	10.3	15.5
54	12.9	11.5	17.3
68	8.0	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036662.D
Acq: 17 Mar 2025 16:43

Tgt Ion:	82	Resp:	1160
Ion	Ratio	Lower	Upper
82	100		
128	40.7	30.6	45.8
54	75.1	52.2	78.4

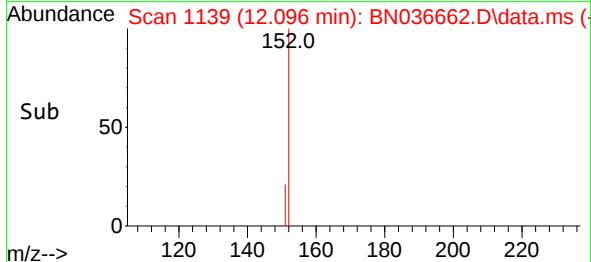
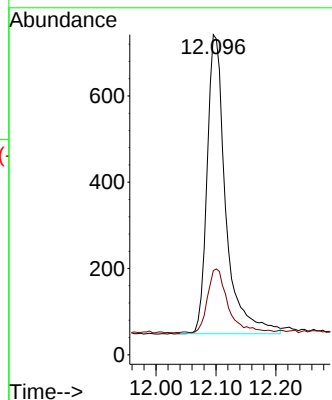
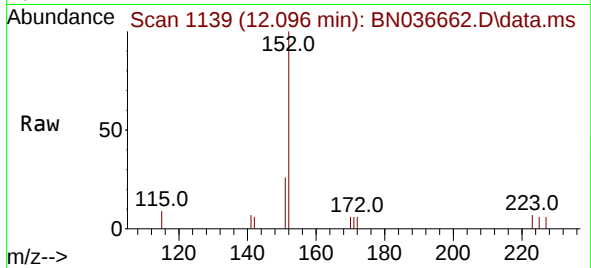




#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.096 min Scan# 1139
Delta R.T. -0.015 min
Lab File: BN036662.D
Acq: 17 Mar 2025 16:43

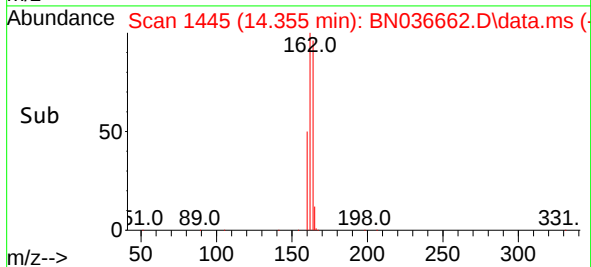
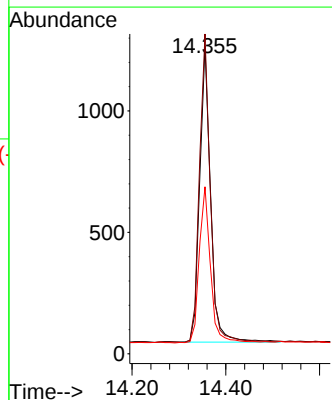
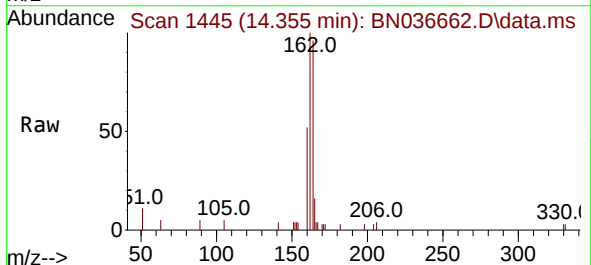
Instrument :
BNA_N
ClientSampleId :
TT180D-20250313

Tgt Ion:152 Resp: 1492
Ion Ratio Lower Upper
152 100
151 23.4 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036662.D
Acq: 17 Mar 2025 16:43

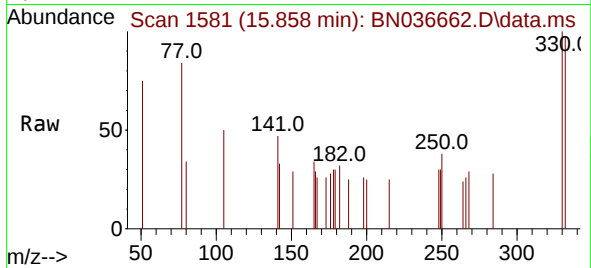
Tgt Ion:164 Resp: 1974
Ion Ratio Lower Upper
164 100
162 103.9 84.2 126.2
160 54.3 42.2 63.2



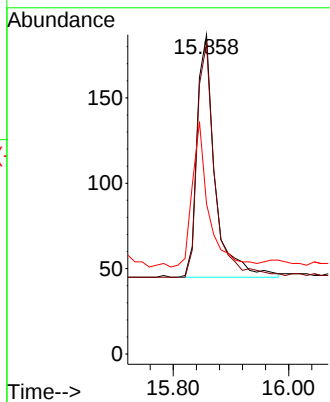
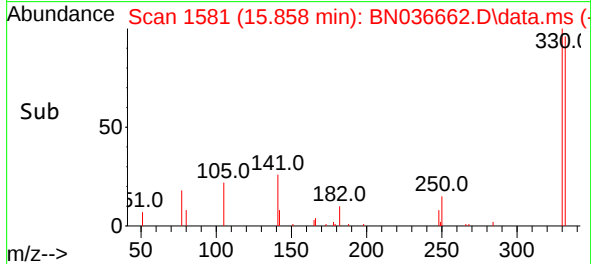


#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036662.D
Acq: 17 Mar 2025 16:43

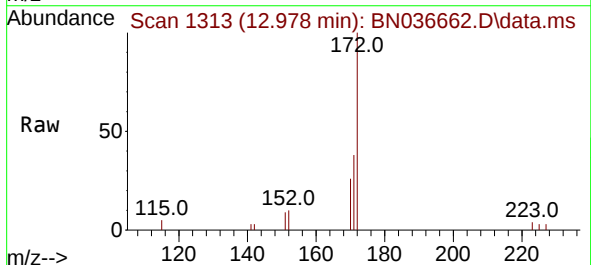
Instrument :
BNA_N
ClientSampleId :
TT180D-20250313



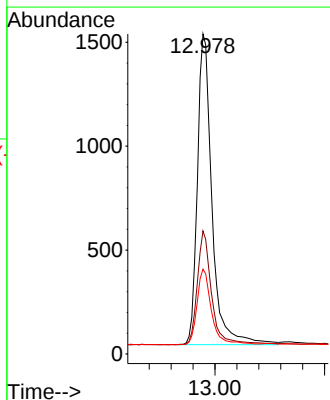
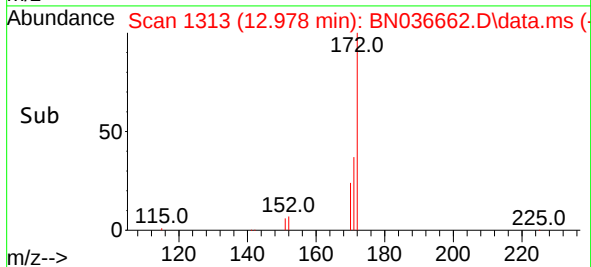
Tgt Ion:330 Resp: 308
Ion Ratio Lower Upper
330 100
332 95.1 75.2 112.8
141 54.5 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN036662.D
Acq: 17 Mar 2025 16:43



Tgt Ion:172 Resp: 3792
Ion Ratio Lower Upper
172 100
171 38.4 29.5 44.3
170 26.5 20.2 30.4

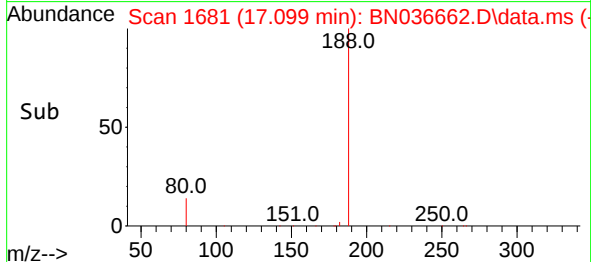
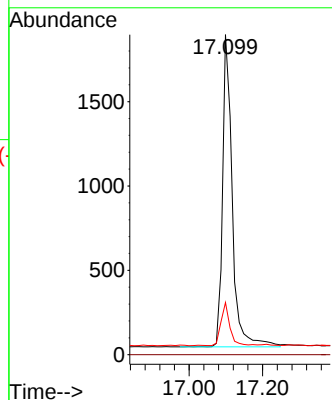
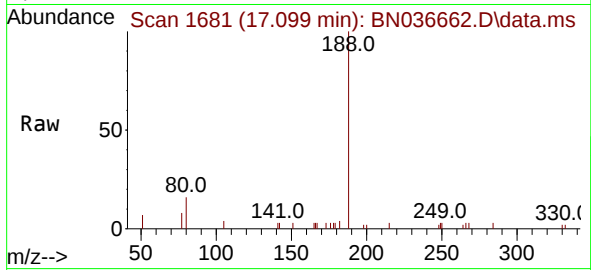




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036662.D
Acq: 17 Mar 2025 16:43

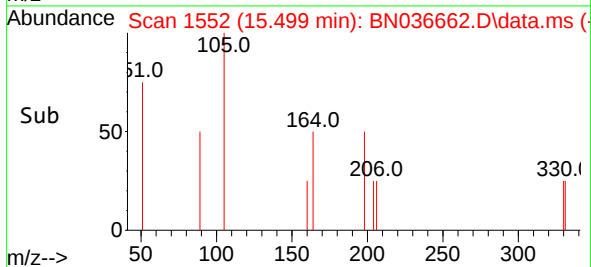
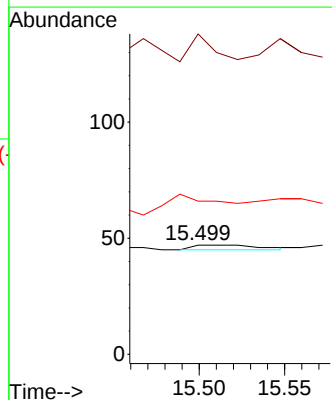
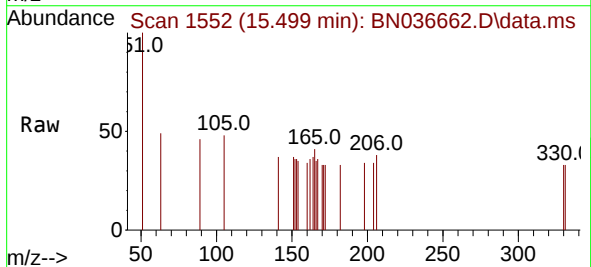
Instrument :
BNA_N
ClientSampleId :
TT180D-20250313

Tgt Ion:188 Resp: 3397
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.3 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.153 ng
RT: 15.499 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BN036662.D
Acq: 17 Mar 2025 16:43

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 293.6 107.9 161.9#
105 140.4 56.2 84.2#

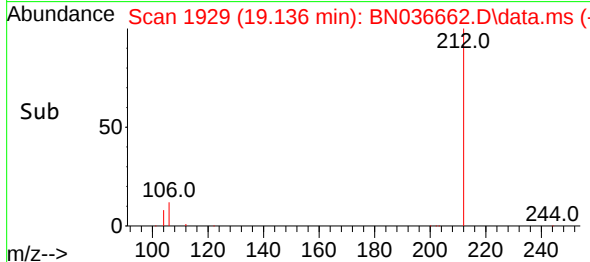
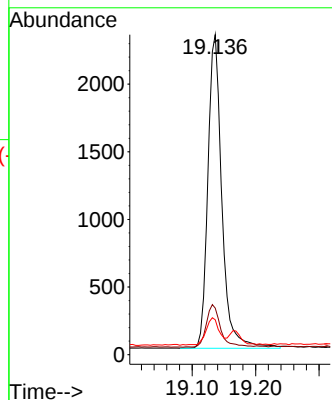
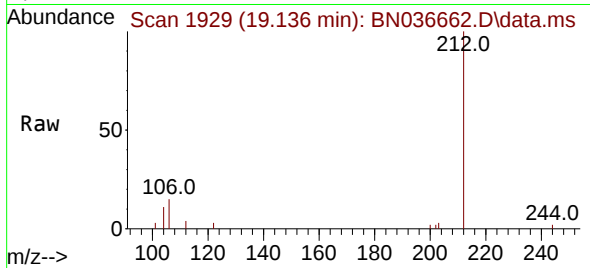




#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.136 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BN036662.D
Acq: 17 Mar 2025 16:43

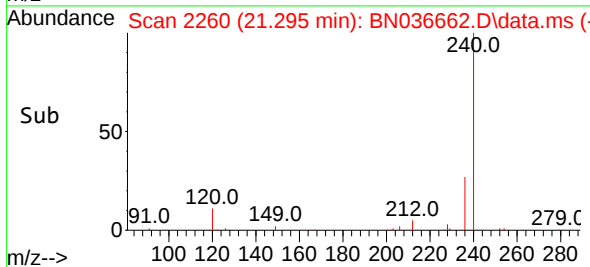
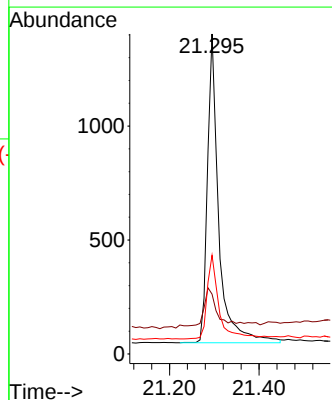
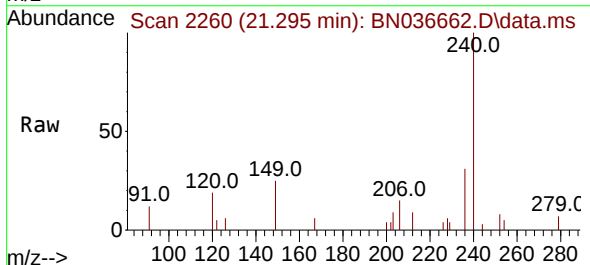
Instrument :
BNA_N
ClientSampleId :
TT180D-20250313

Tgt Ion:212 Resp: 3548
Ion Ratio Lower Upper
212 100
106 13.7 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: BN036662.D
Acq: 17 Mar 2025 16:43

Tgt Ion:240 Resp: 2382
Ion Ratio Lower Upper
240 100
120 18.7 14.6 22.0
236 30.8 24.1 36.1

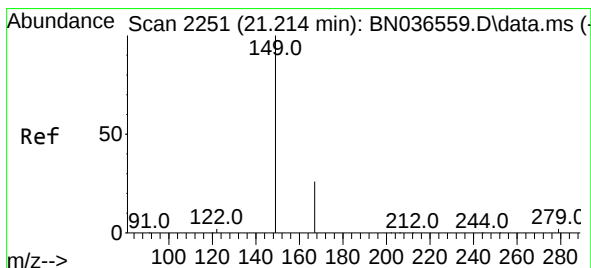
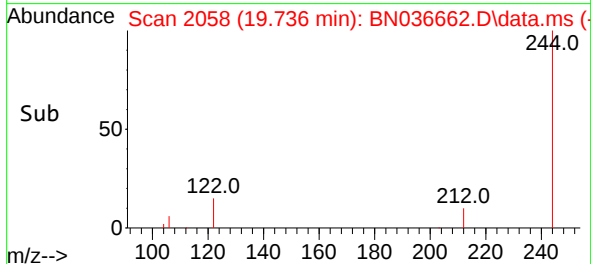
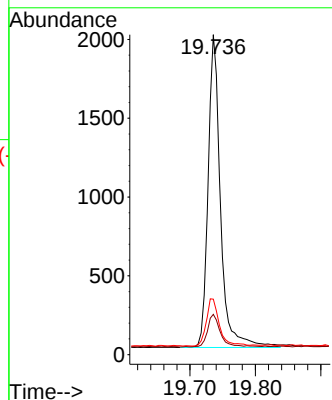
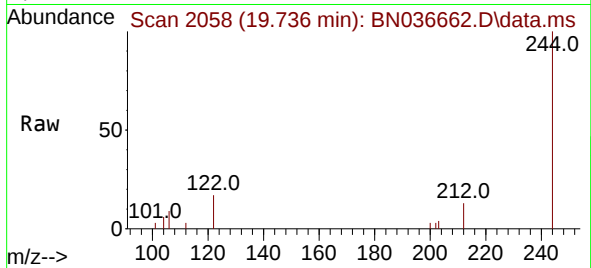




#31
 Terphenyl-d14
 Concen: 0.458 ng
 RT: 19.736 min Scan# 2060
 Delta R.T. -0.009 min
 Lab File: BN036662.D
 Acq: 17 Mar 2025 16:43

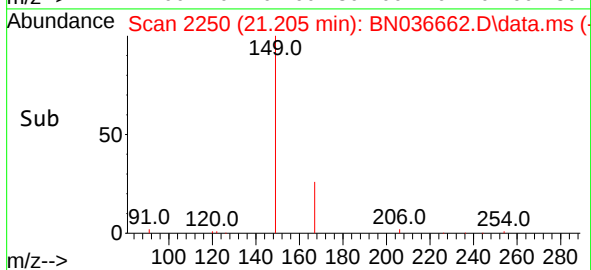
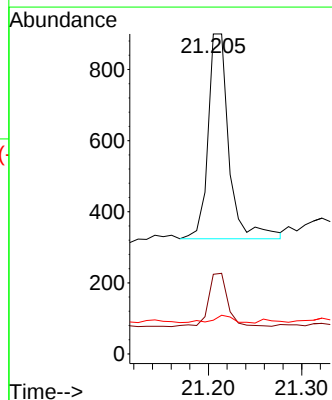
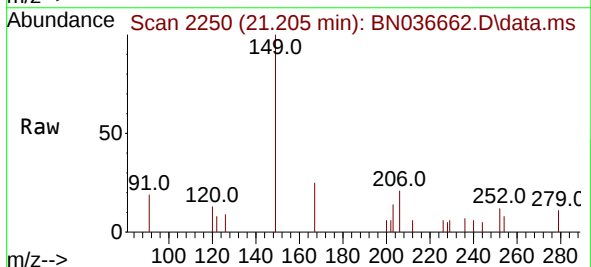
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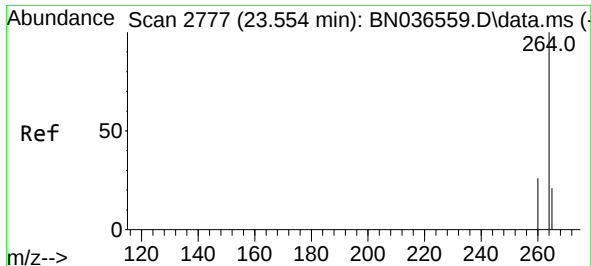
Tgt Ion:244	Resp:	2614
Ion Ratio	Lower	Upper
244	100	
212	12.6	9.6 14.4
122	17.3	13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.152 ng
 RT: 21.205 min Scan# 2250
 Delta R.T. -0.009 min
 Lab File: BN036662.D
 Acq: 17 Mar 2025 16:43

Tgt Ion:149	Resp:	896
Ion Ratio	Lower	Upper
149	100	
167	23.9	20.7 31.1
279	3.8	3.6 5.4

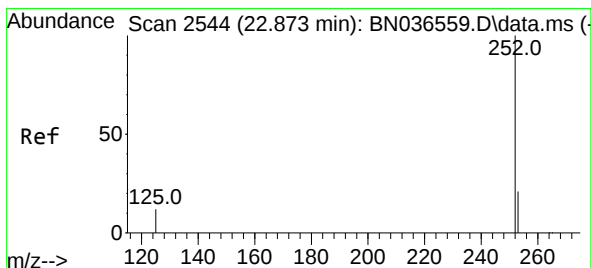
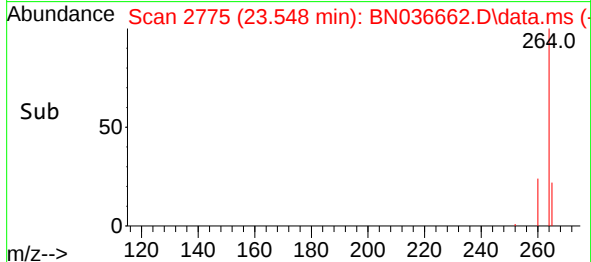
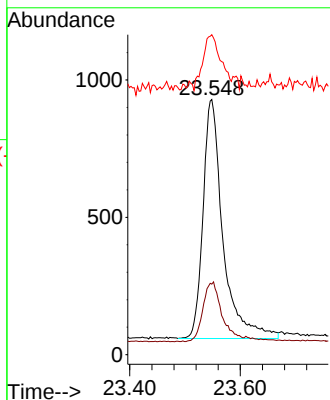
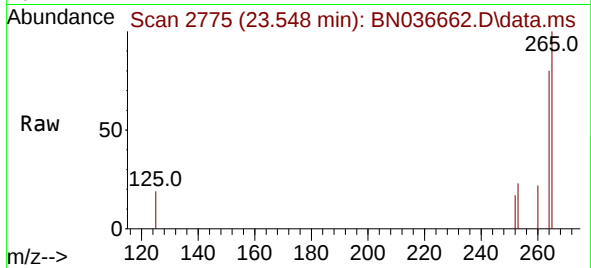




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.548 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN036662.D
 Acq: 17 Mar 2025 16:43

Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20250313

Tgt Ion:264 Resp: 2179
 Ion Ratio Lower Upper
 264 100
 260 27.7 22.6 33.8
 265 125.4 88.1 132.1



#37
 Benzo(b)fluoranthene
 Concen: 0.020 ng
 RT: 22.873 min Scan# 2544
 Delta R.T. 0.000 min
 Lab File: BN036662.D
 Acq: 17 Mar 2025 16:43

Tgt Ion:252 Resp: 162
 Ion Ratio Lower Upper
 252 100
 253 100.4 23.9 35.9#
 125 82.1 17.4 26.2#

