

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036663.D
 Acq On : 17 Mar 2025 17:19
 Operator : RC/JU
 Sample : Q1582-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB02-20250313

Quant Time: Mar 17 17:53:34 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)

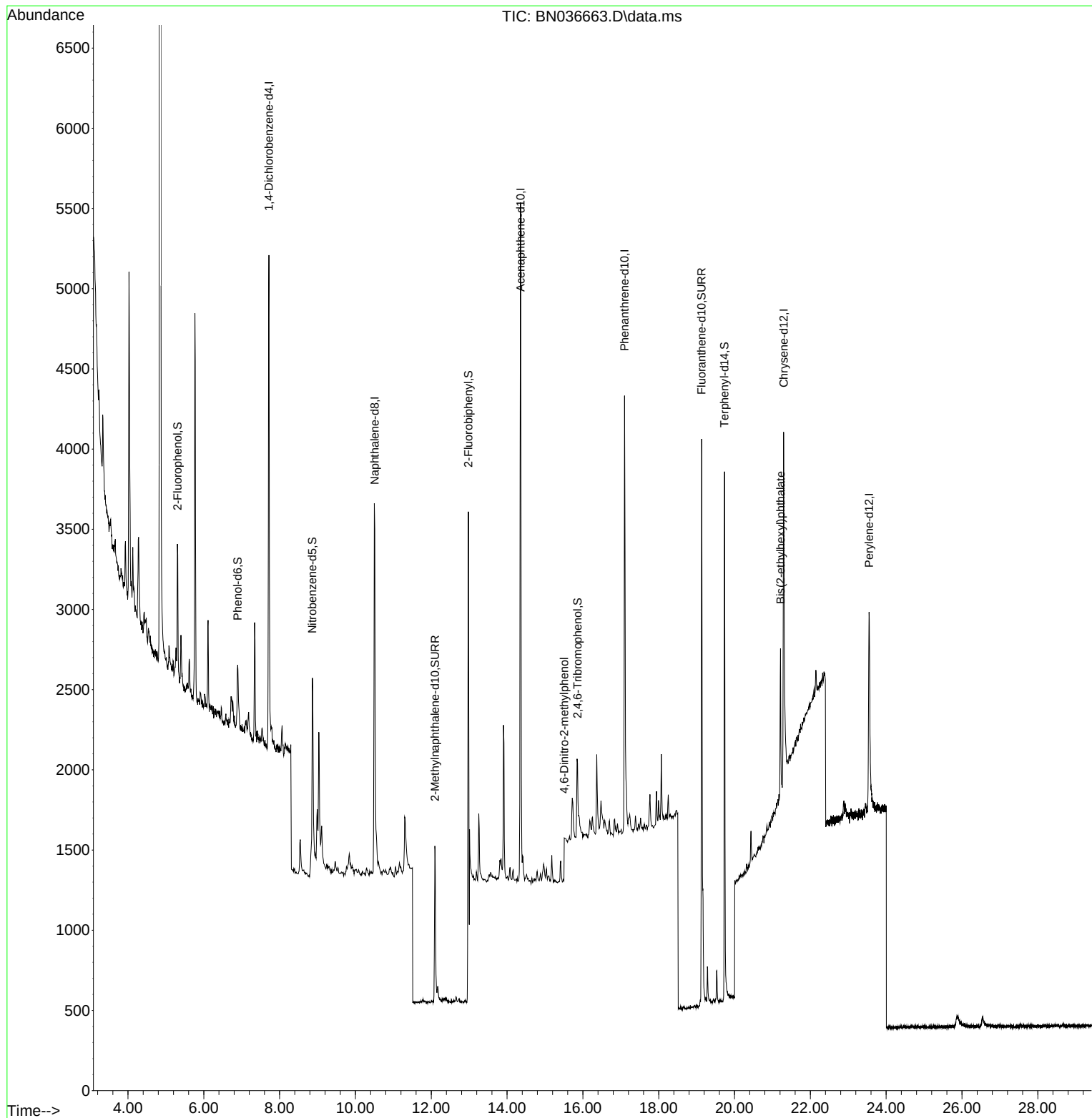
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1550	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	3768	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2232	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4299	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	2706	0.400	ng	0.00
35) Perylene-d12	23.548	264	2307	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	608	0.168	ng	0.00
5) Phenol-d6	6.894	99	417	0.093	ng	0.00
8) Nitrobenzene-d5	8.864	82	1306	0.319	ng	-0.01
11) 2-Methylnaphthalene-d10	12.095	152	1677	0.299	ng	-0.02
14) 2,4,6-Tribromophenol	15.858	330	380	0.375	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	4324	0.333	ng	-0.01
27) Fluoranthene-d10	19.132	212	4706	0.427	ng	0.00
31) Terphenyl-d14	19.736	244	3413	0.526	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.510	198	6	0.151	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	1025	0.153	ng	# 97

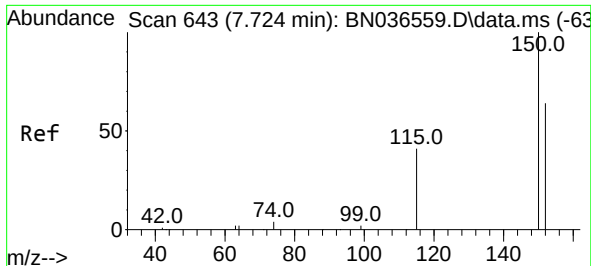
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

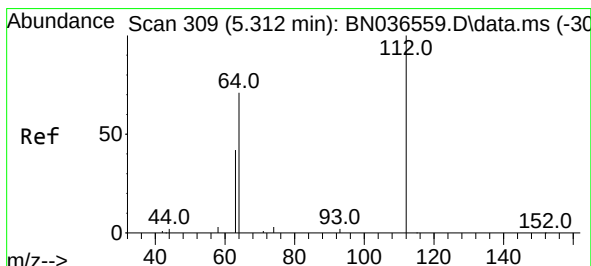
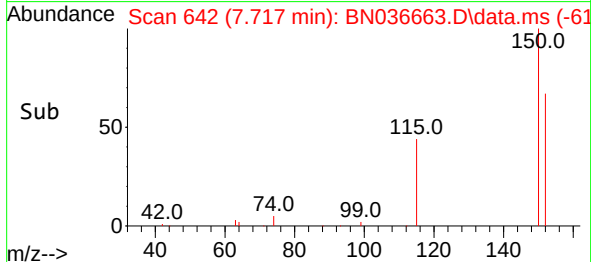
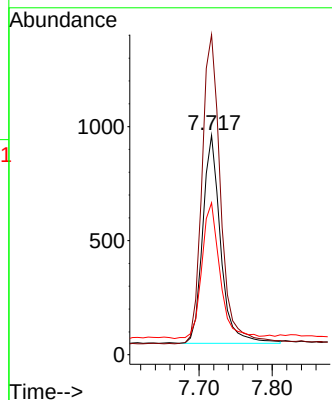
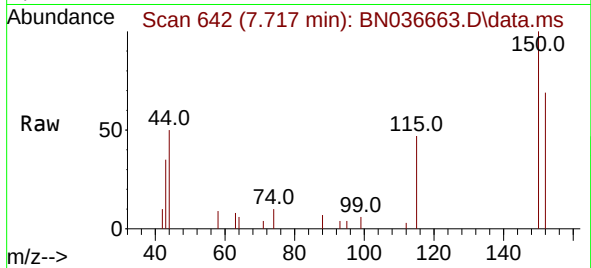




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036663.D
 Acq: 17 Mar 2025 17:19

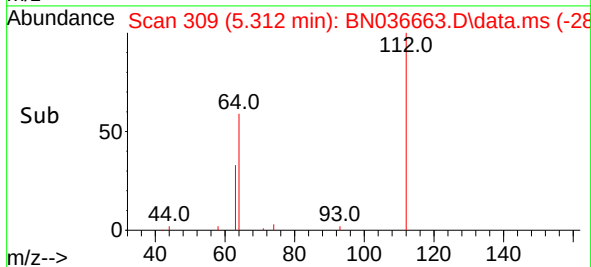
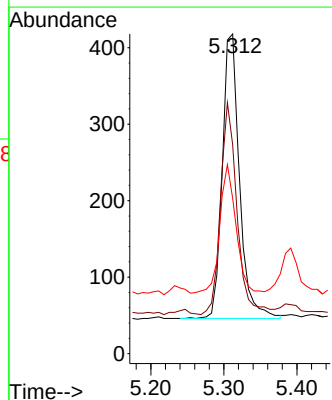
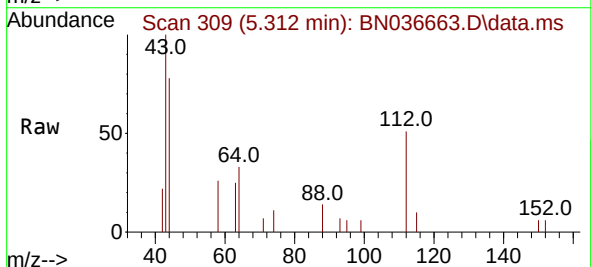
Instrument :
 BNA_N
 ClientSampleId :
 FB02-20250313

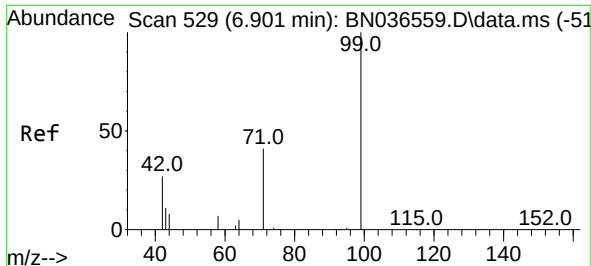
Tgt Ion:152 Resp: 1550
 Ion Ratio Lower Upper
 152 100
 150 145.8 123.7 185.5
 115 69.2 54.3 81.5



#4
 2-Fluorophenol
 Concen: 0.168 ng
 RT: 5.312 min Scan# 309
 Delta R.T. -0.000 min
 Lab File: BN036663.D
 Acq: 17 Mar 2025 17:19

Tgt Ion:112 Resp: 608
 Ion Ratio Lower Upper
 112 100
 64 71.2 53.1 79.7
 63 47.7 31.8 47.8

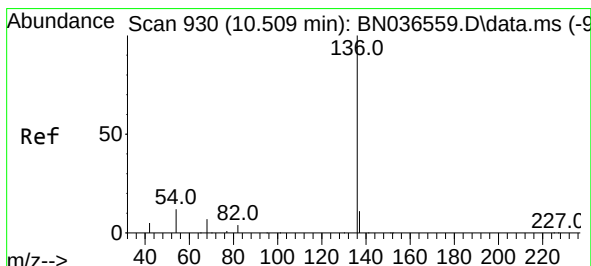
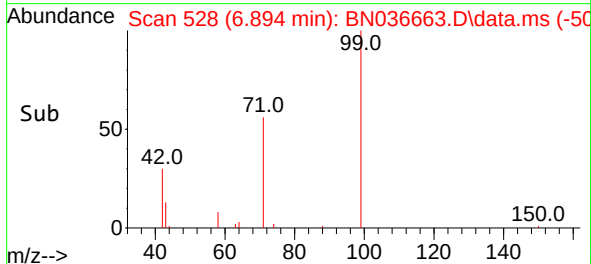
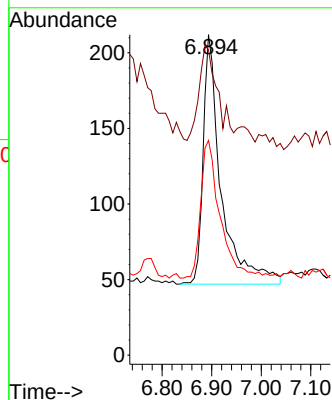
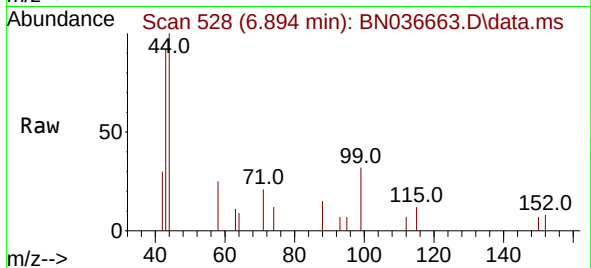




#5
Phenol-d6
Concen: 0.093 ng
RT: 6.894 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036663.D
Acq: 17 Mar 2025 17:19

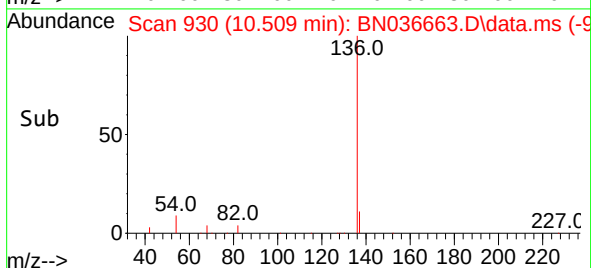
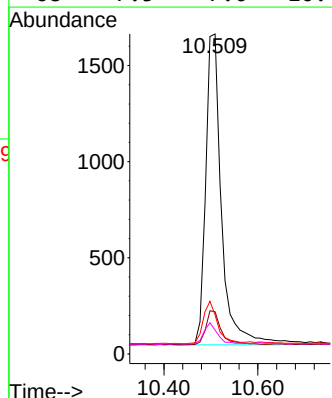
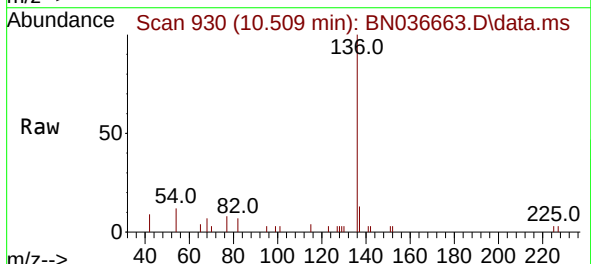
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BNA_N
ClientSampleId :
FB02-20250313

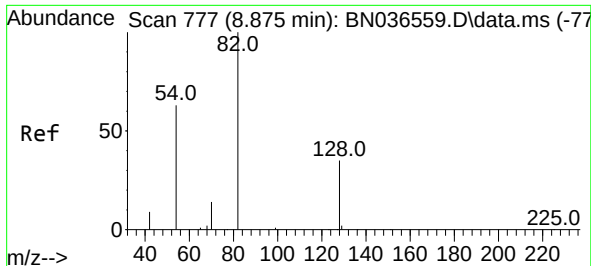
Tgt Ion: 99 Resp: 417
Ion Ratio Lower Upper
99 100
42 38.6 26.5 39.7
71 59.5 34.1 51.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN036663.D
Acq: 17 Mar 2025 17:19

Tgt Ion: 136 Resp: 3768
Ion Ratio Lower Upper
136 100
137 13.2 10.3 15.5
54 12.2 11.5 17.3
68 7.5 7.0 10.4

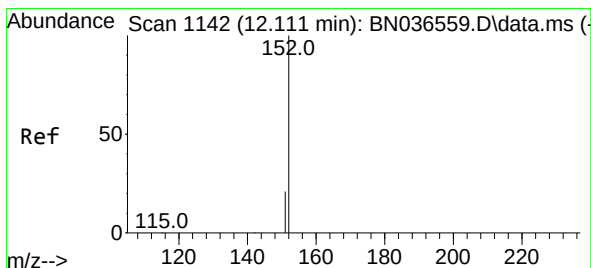
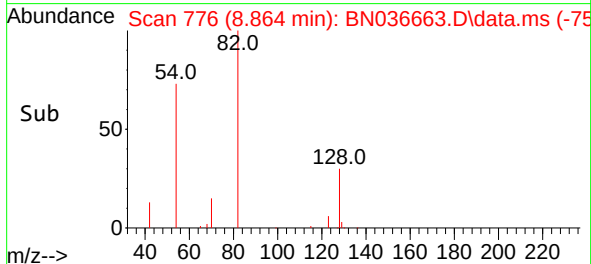
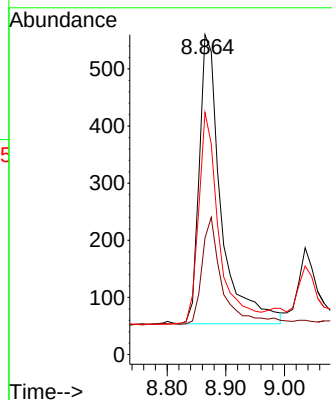
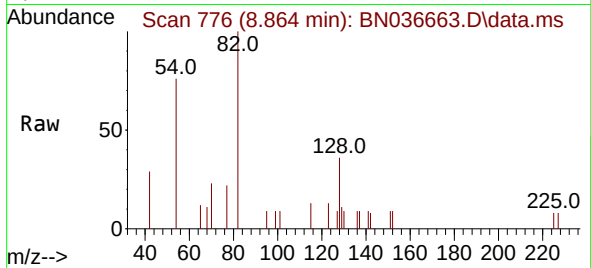




#8
 Nitrobenzene-d5
 Concen: 0.319 ng
 RT: 8.864 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN036663.D
 Acq: 17 Mar 2025 17:19

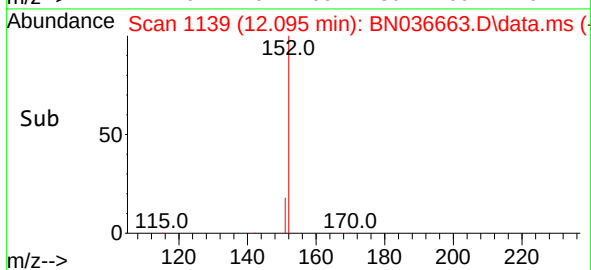
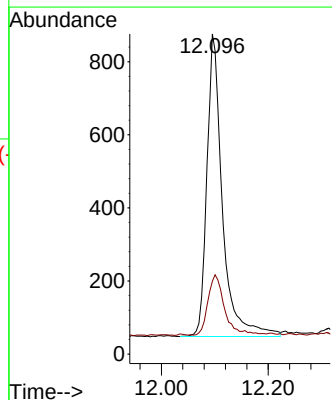
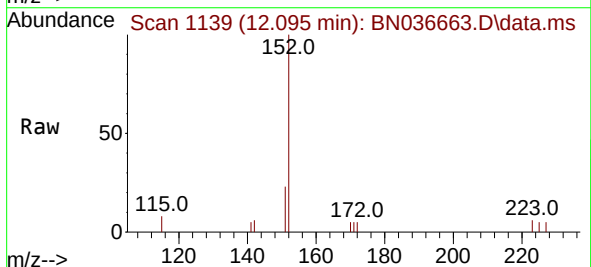
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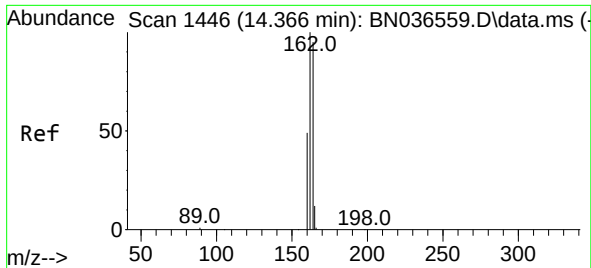
Tgt Ion: 82 Resp: 1306
 Ion Ratio Lower Upper
 82 100
 128 36.4 30.6 45.8
 54 75.7 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.299 ng
 RT: 12.095 min Scan# 1139
 Delta R.T. -0.015 min
 Lab File: BN036663.D
 Acq: 17 Mar 2025 17:19

Tgt Ion: 152 Resp: 1677
 Ion Ratio Lower Upper
 152 100
 151 21.2 17.0 25.6

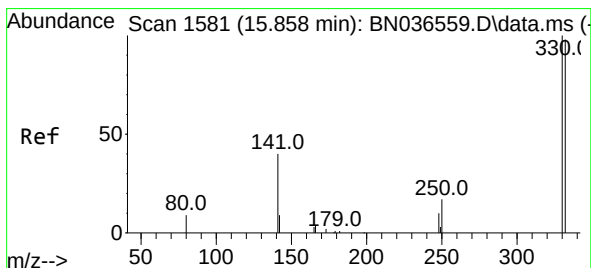
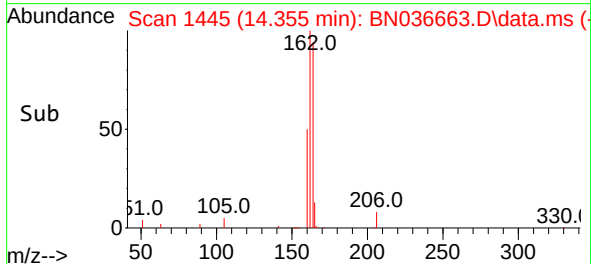
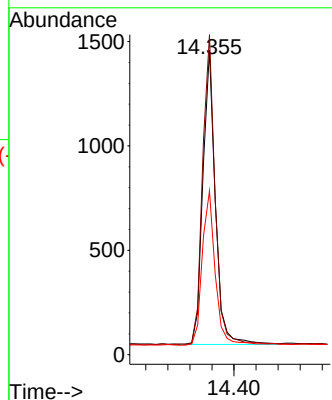
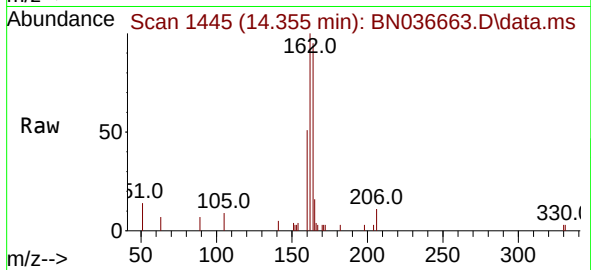




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036663.D
Acq: 17 Mar 2025 17:19

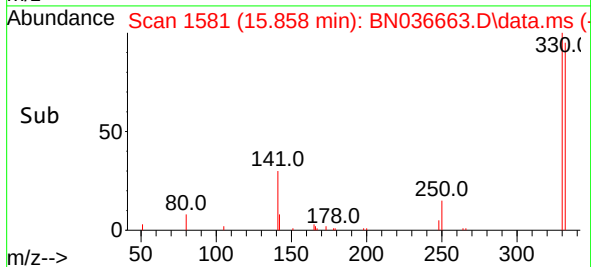
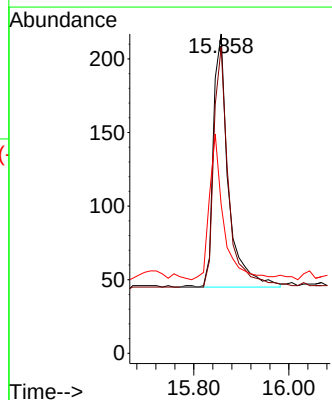
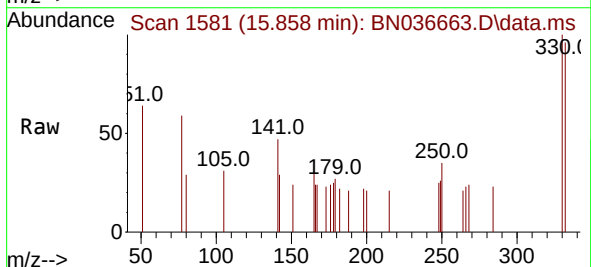
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BNA_N
ClientSampleId :
FB02-20250313

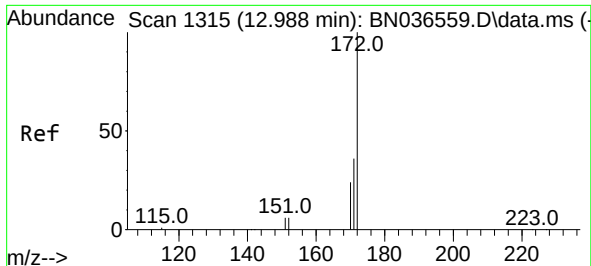
Tgt Ion:164 Resp: 2232
Ion Ratio Lower Upper
164 100
162 105.1 84.2 126.2
160 53.8 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.858 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BN036663.D
Acq: 17 Mar 2025 17:19

Tgt Ion:330 Resp: 380
Ion Ratio Lower Upper
330 100
332 92.1 75.2 112.8
141 54.5 43.4 65.2

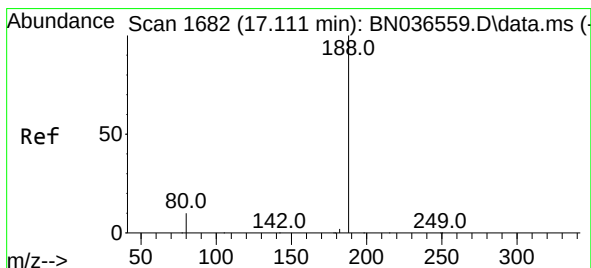
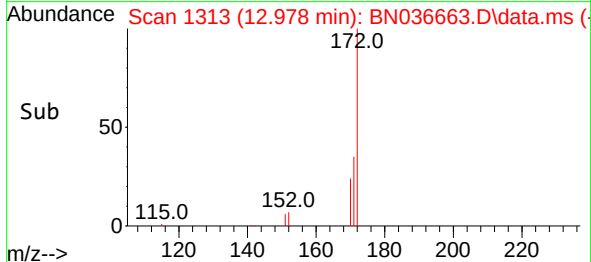
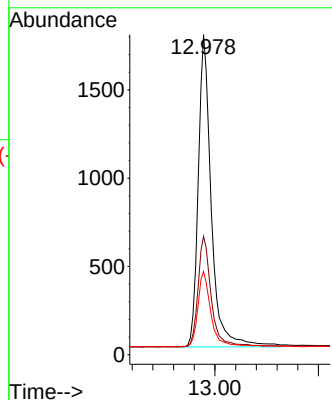
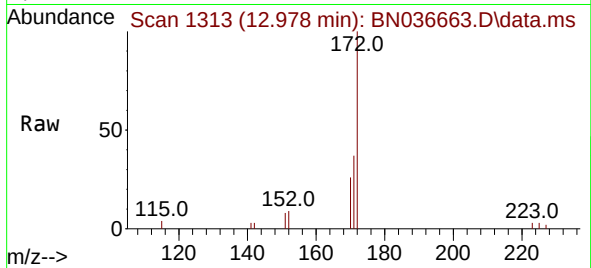




#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 12.978 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN036663.D
Acq: 17 Mar 2025 17:19

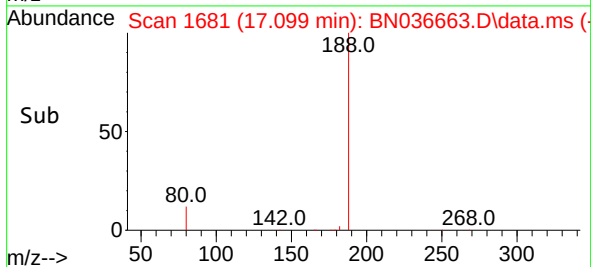
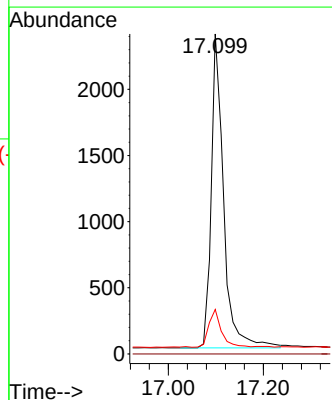
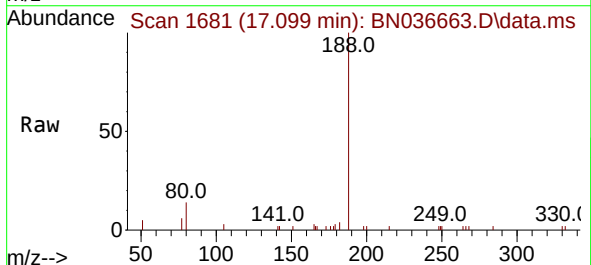
Instrument :
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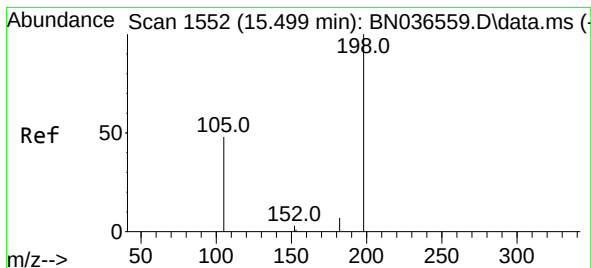
Tgt Ion:172 Resp: 4324
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 26.0 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036663.D
Acq: 17 Mar 2025 17:19

Tgt Ion:188 Resp: 4299
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 8.8 13.2#

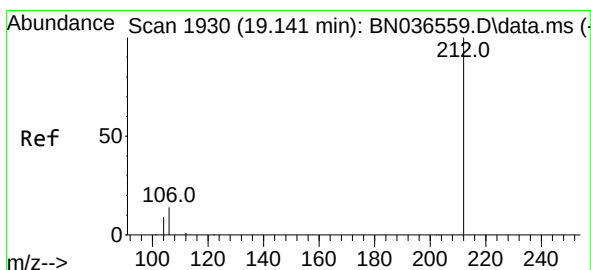
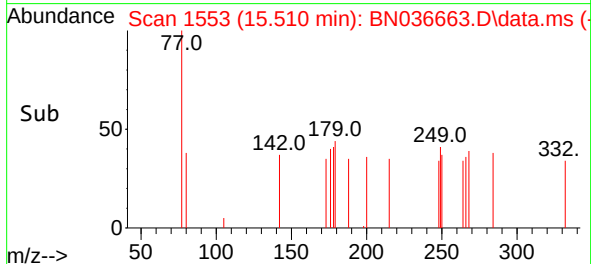
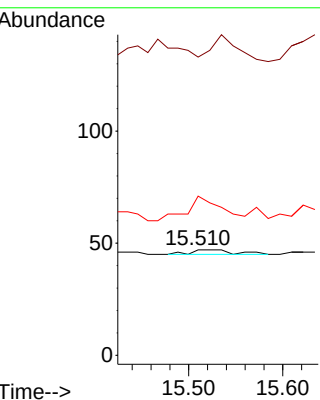
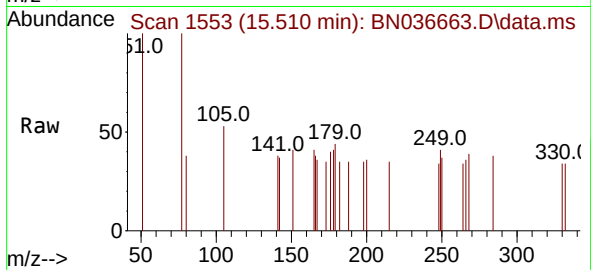




#20
4,6-Dinitro-2-methylphenol
Concen: 0.151 ng
RT: 15.510 min Scan# 1553
Delta R.T. 0.011 min
Lab File: BN036663.D
Acq: 17 Mar 2025 17:19

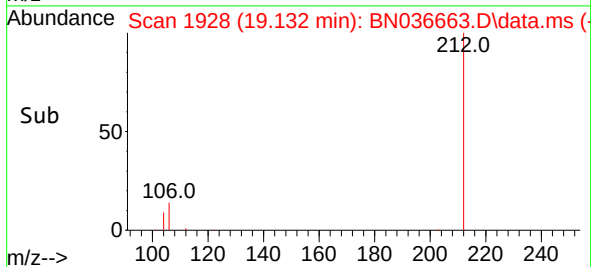
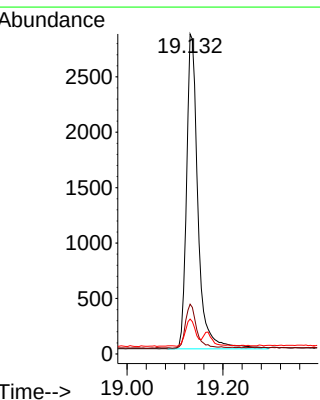
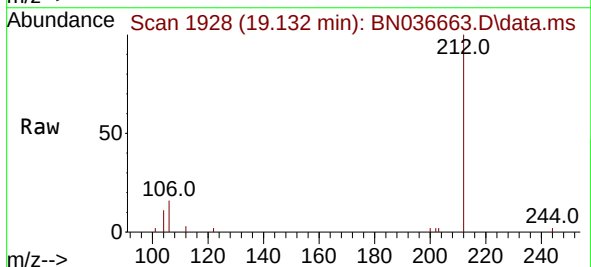
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FB02-20250313

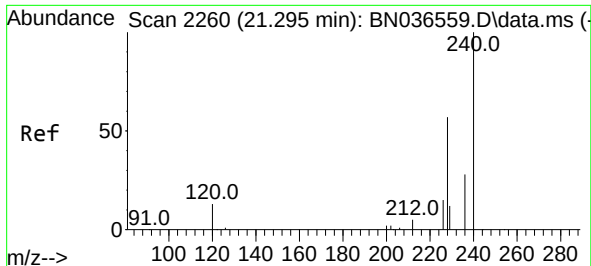
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 283.0 107.9 161.9#
105 151.1 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.427 ng
RT: 19.132 min Scan# 1928
Delta R.T. -0.009 min
Lab File: BN036663.D
Acq: 17 Mar 2025 17:19

Tgt Ion:212 Resp: 4706
Ion Ratio Lower Upper
212 100
106 13.6 11.8 17.6
104 7.9 7.3 10.9

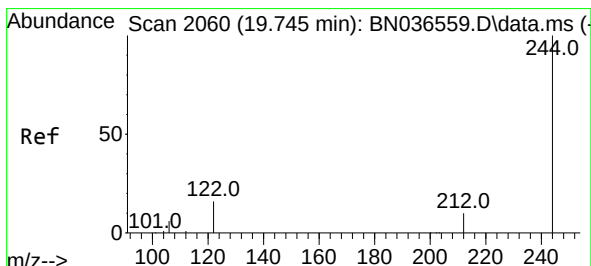
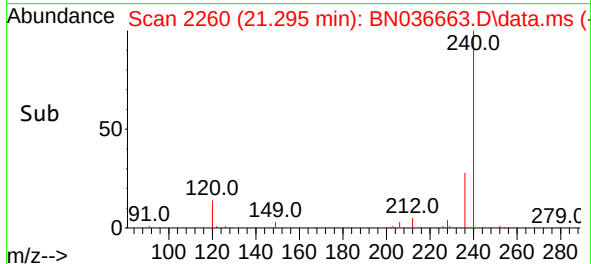
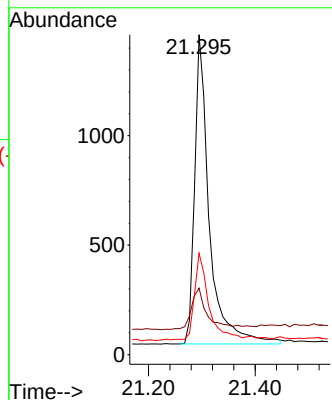
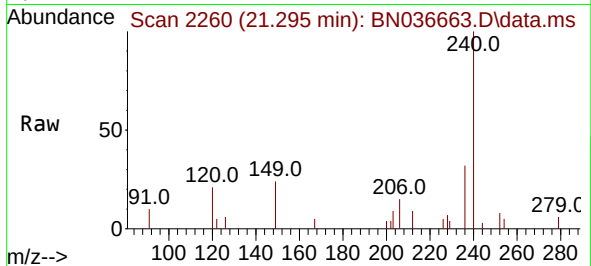




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036663.D
Acq: 17 Mar 2025 17:19

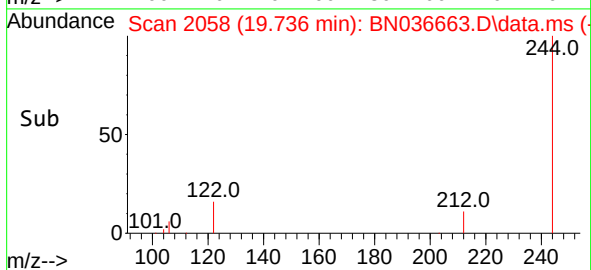
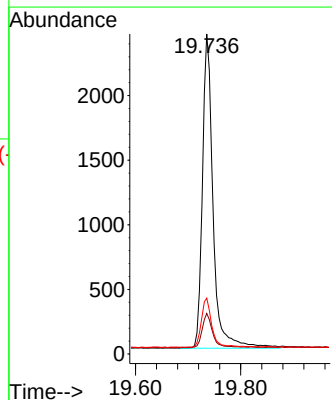
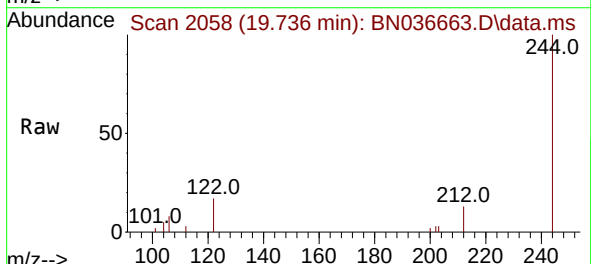
Instrument :
BNA_N
ClientSampleId :
FB02-20250313

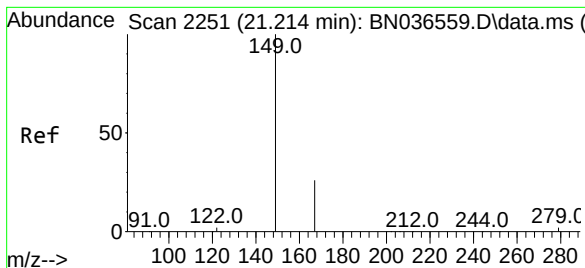
Tgt Ion:240 Resp: 2706
Ion Ratio Lower Upper
240 100
120 20.8 14.6 22.0
236 31.7 24.1 36.1



#31
Terphenyl-d14
Concen: 0.526 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036663.D
Acq: 17 Mar 2025 17:19

Tgt Ion:244 Resp: 3413
Ion Ratio Lower Upper
244 100
212 12.7 9.6 14.4
122 17.5 13.9 20.9

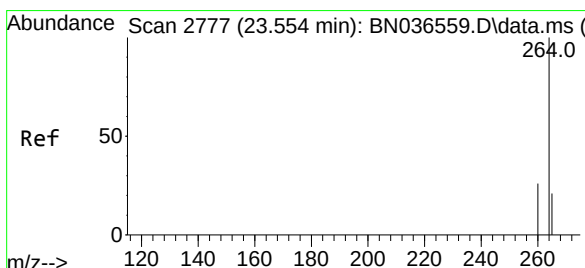
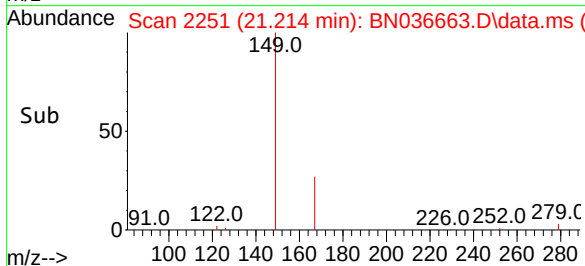
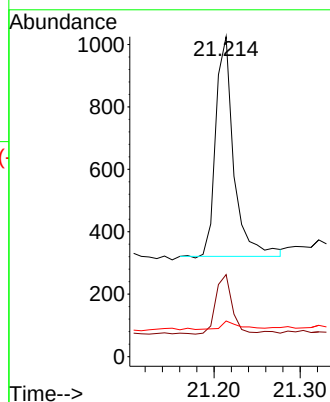
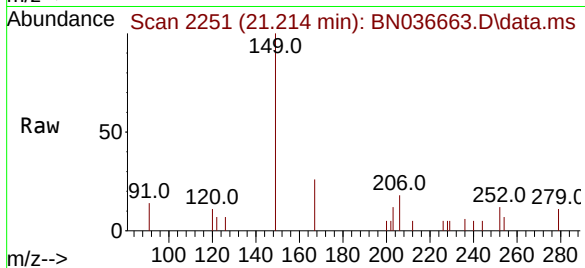




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.153 ng
 RT: 21.214 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN036663.D
 Acq: 17 Mar 2025 17:19

Instrument :
 BNA_N
 ClientSampleId :
 FB02-20250313

Tgt Ion:149 Resp: 1025
 Ion Ratio Lower Upper
 149 100
 167 24.6 20.7 31.1
 279 3.4 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.548 min Scan# 2775
 Delta R.T. -0.006 min
 Lab File: BN036663.D
 Acq: 17 Mar 2025 17:19

Tgt Ion:264 Resp: 2307
 Ion Ratio Lower Upper
 264 100
 260 28.1 22.6 33.8
 265 127.2 88.1 132.1

