

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036759.D
 Acq On : 28 Mar 2025 04:58
 Operator : RC/JU
 Sample : Q1608-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20250319

Quant Time: Mar 28 05:37:35 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)

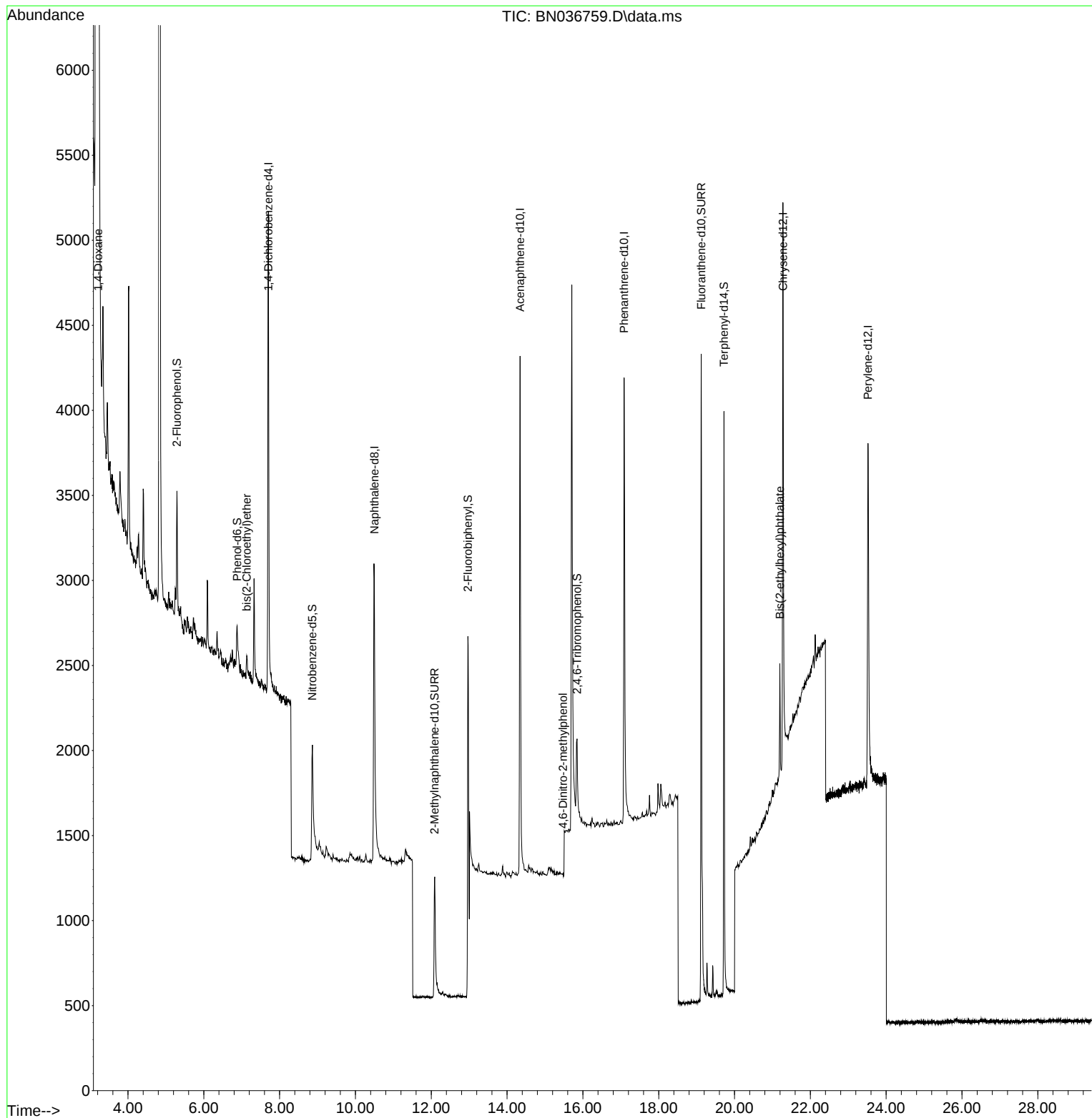
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1526	0.400	ng	-0.02
7) Naphthalene-d8	10.498	136	3415	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2100	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	4518	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	3643	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3268	0.400	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	506	0.142	ng	-0.02
5) Phenol-d6	6.879	99	319	0.073	ng	-0.02
8) Nitrobenzene-d5	8.864	82	1065	0.287	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	1546	0.304	ng	-0.03
14) 2,4,6-Tribromophenol	15.845	330	372	0.390	ng	-0.01
15) 2-Fluorobiphenyl	12.968	172	3790	0.310	ng	-0.02
27) Fluoranthene-d10	19.122	212	4749	0.410	ng	-0.02
31) Terphenyl-d14	19.722	244	3529	0.404	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	6431	3.799	ng	94
6) bis(2-Chloroethyl)ether	7.132	93	103	0.023	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.478	198	1	0.147	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	667	0.074	ng	94

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

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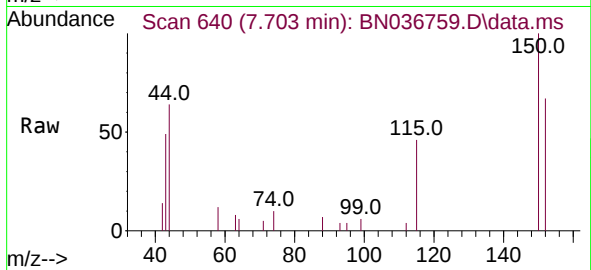
Quant Time: Mar 28 05:37:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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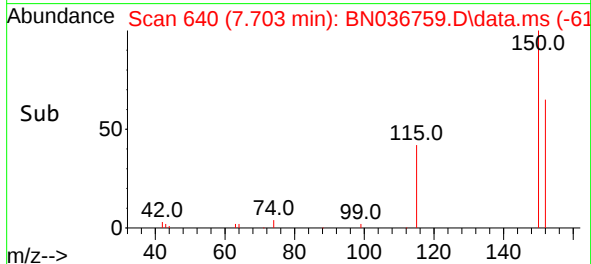
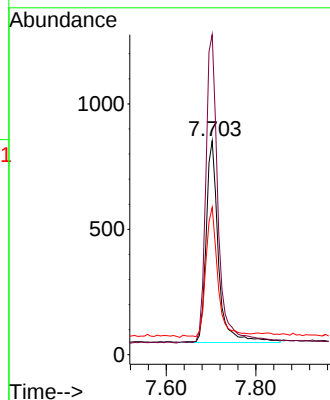
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036759.D
 Acq: 28 Mar 2025 04:58

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20250319



Tgt Ion:152 Resp: 1526

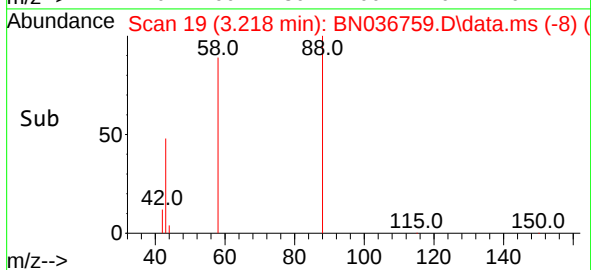
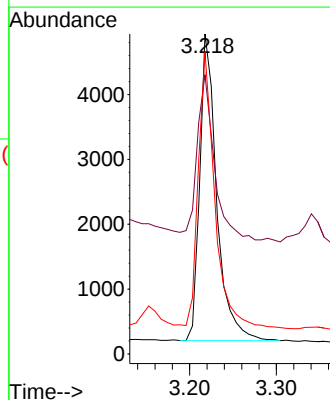
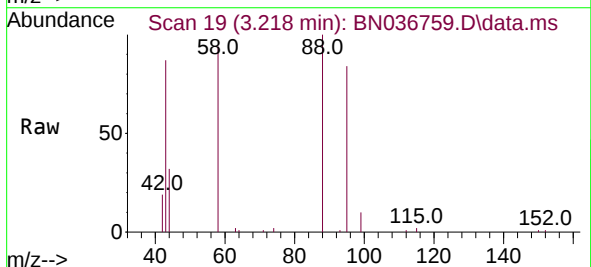
Ion	Ratio	Lower	Upper
152	100		
150	149.6	123.7	185.5
115	68.9	54.3	81.5



#2
 1,4-Dioxane
 Concen: 3.799 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036759.D
 Acq: 28 Mar 2025 04:58

Tgt Ion: 88 Resp: 6431

Ion	Ratio	Lower	Upper
88	100		
43	54.7	37.8	56.8
58	87.9	67.4	101.2

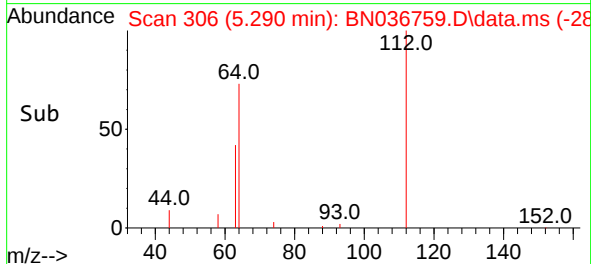
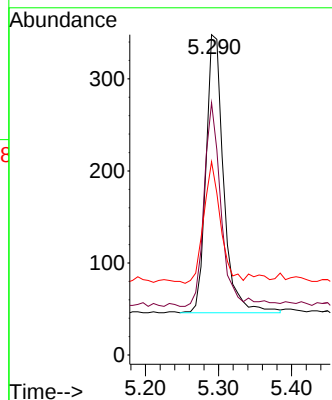
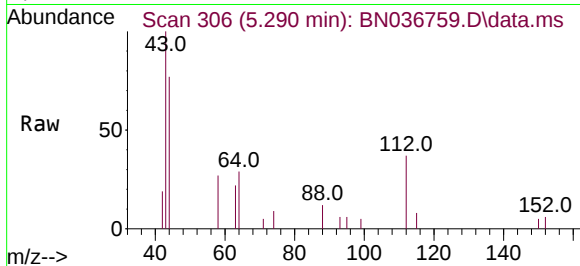




#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036759.D
Acq: 28 Mar 2025 04:58

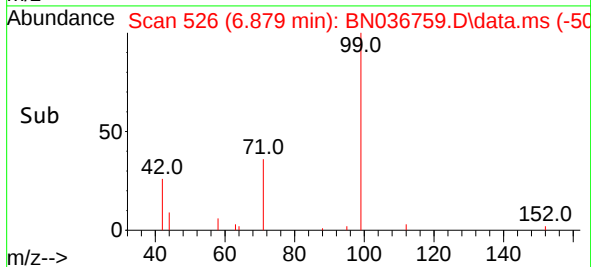
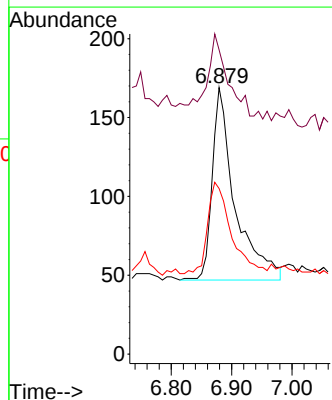
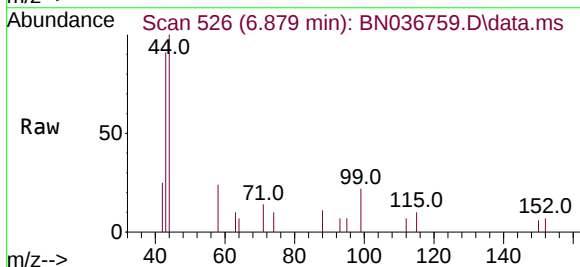
Instrument :
BNA_N
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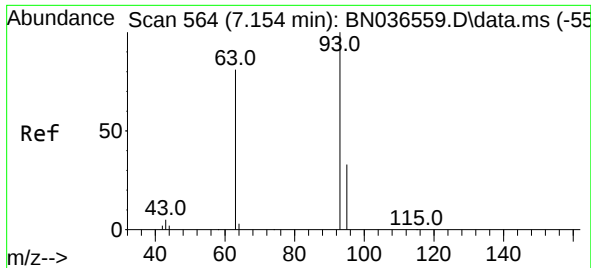
Tgt Ion:112 Resp: 506
Ion Ratio Lower Upper
112 100
64 71.3 53.1 79.7
63 41.5 31.8 47.8



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036759.D
Acq: 28 Mar 2025 04:58

Tgt Ion: 99 Resp: 319
Ion Ratio Lower Upper
99 100
42 37.9 26.5 39.7
71 48.9 34.1 51.1

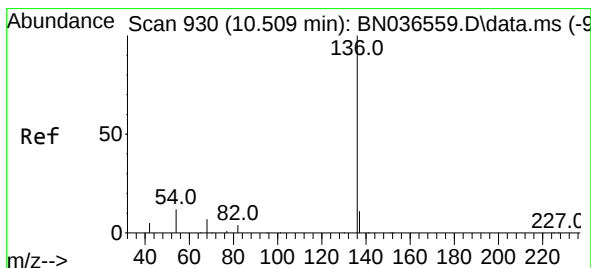
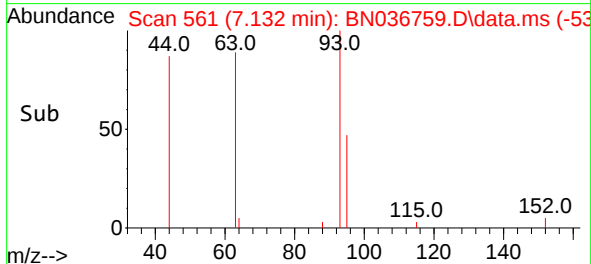
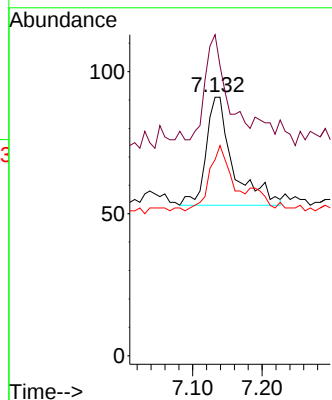
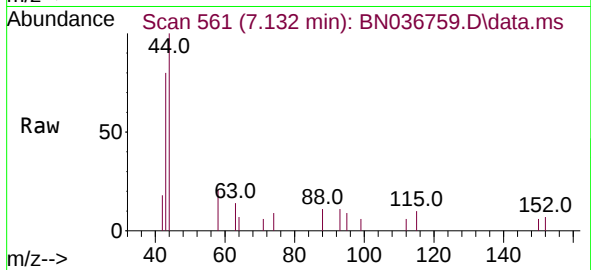




#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.132 min Scan# 501
Delta R.T. -0.022 min
Lab File: BN036759.D
Acq: 28 Mar 2025 04:58

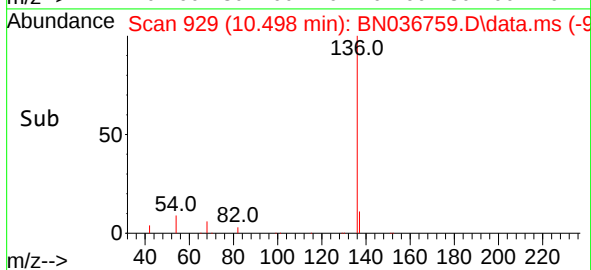
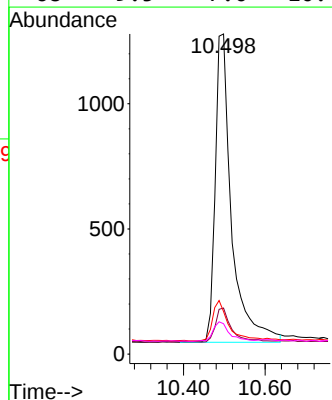
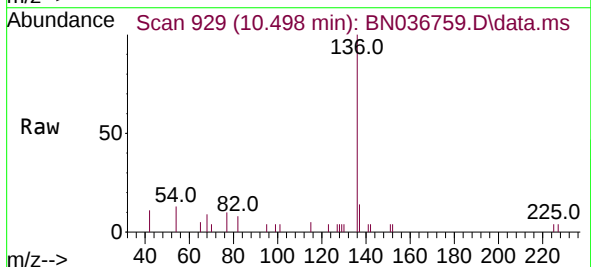
Instrument :
BNA_N
ClientSampleId :
TT101D2-20250319

Tgt Ion: 93 Resp: 103
Ion Ratio Lower Upper
93 100
63 80.6 67.7 101.5
95 49.5 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN036759.D
Acq: 28 Mar 2025 04:58

Tgt Ion: 136 Resp: 3415
Ion Ratio Lower Upper
136 100
137 14.4 10.3 15.5
54 13.3 11.5 17.3
68 9.5 7.0 10.4

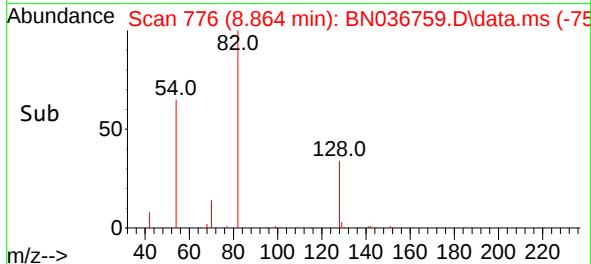
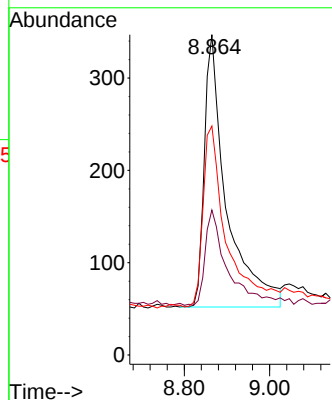
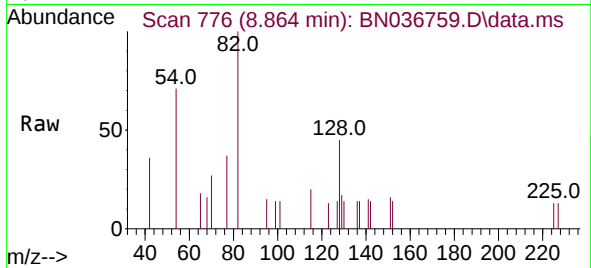




#8
 Nitrobenzene-d5
 Concen: 0.287 ng
 RT: 8.864 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN036759.D
 Acq: 28 Mar 2025 04:58

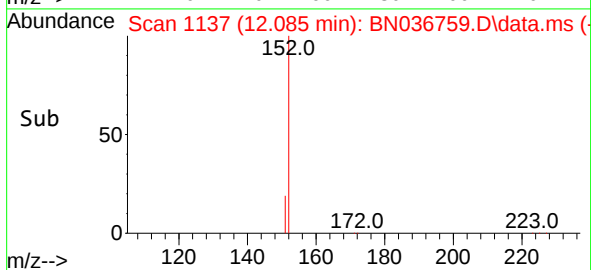
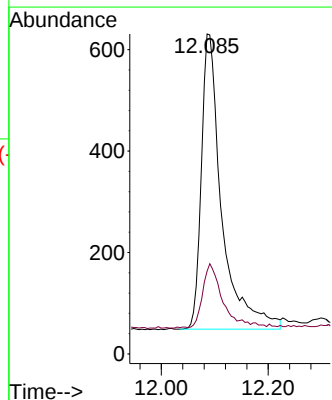
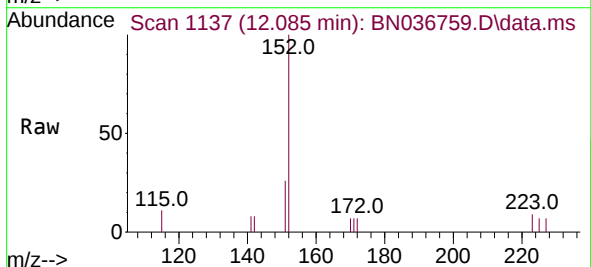
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 ClientSampleId :
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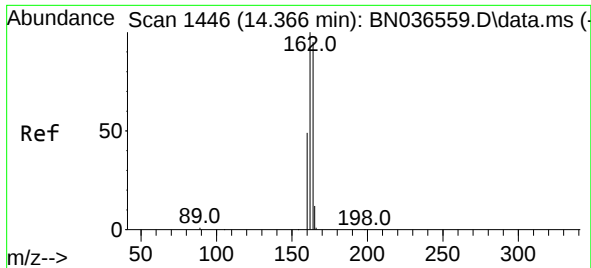
Tgt Ion:	82	Resp:	1065
Ion	Ratio	Lower	Upper
82	100		
128	45.2	30.6	45.8
54	71.5	52.2	78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.304 ng
 RT: 12.085 min Scan# 1137
 Delta R.T. -0.025 min
 Lab File: BN036759.D
 Acq: 28 Mar 2025 04:58

Tgt Ion:	152	Resp:	1546
Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.0	25.6

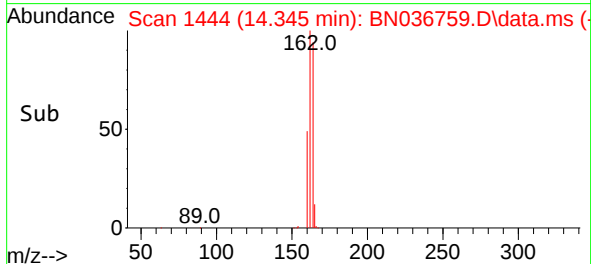
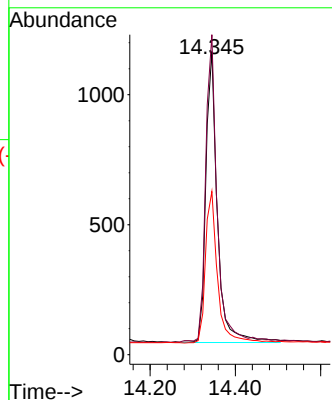
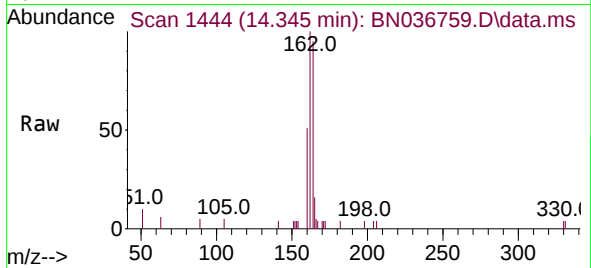




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.345 min Scan# 1444
 Delta R.T. -0.021 min
 Lab File: BN036759.D
 Acq: 28 Mar 2025 04:58

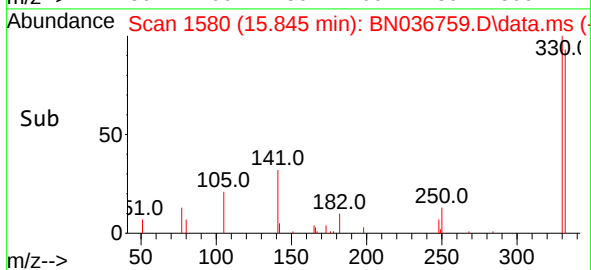
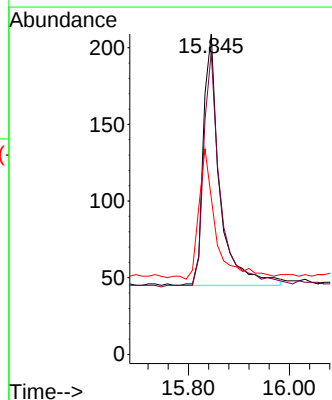
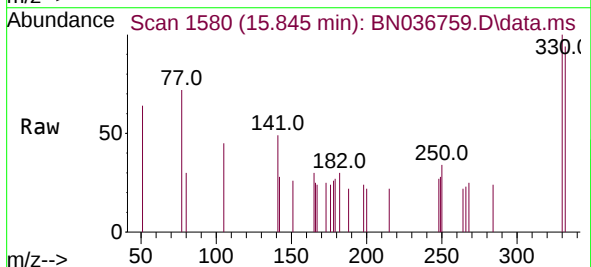
Instrument :
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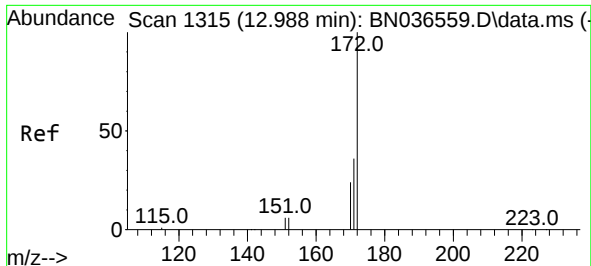
Tgt Ion:164 Resp: 2100
 Ion Ratio Lower Upper
 164 100
 162 105.6 84.2 126.2
 160 53.9 42.2 63.2



#14
 2,4,6-Tribromophenol
 Concen: 0.390 ng
 RT: 15.845 min Scan# 1580
 Delta R.T. -0.012 min
 Lab File: BN036759.D
 Acq: 28 Mar 2025 04:58

Tgt Ion:330 Resp: 372
 Ion Ratio Lower Upper
 330 100
 332 93.8 75.2 112.8
 141 48.9 43.4 65.2

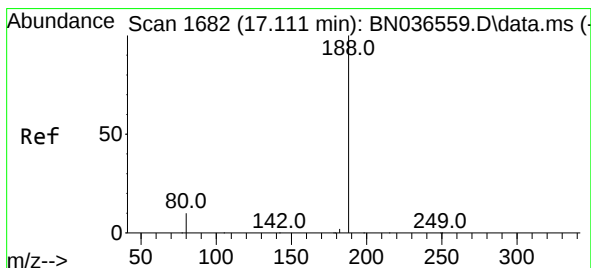
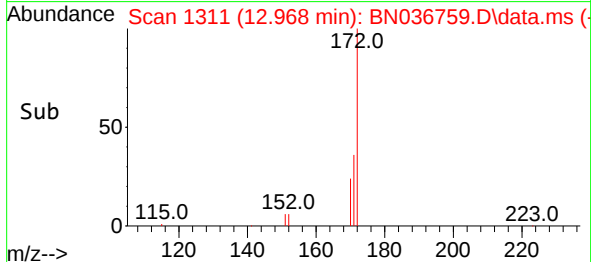
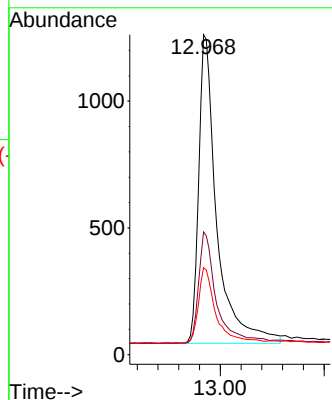
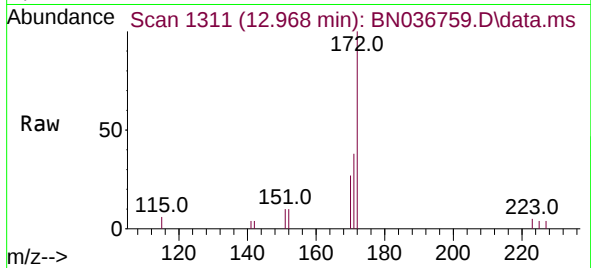




#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN036759.D
Acq: 28 Mar 2025 04:58

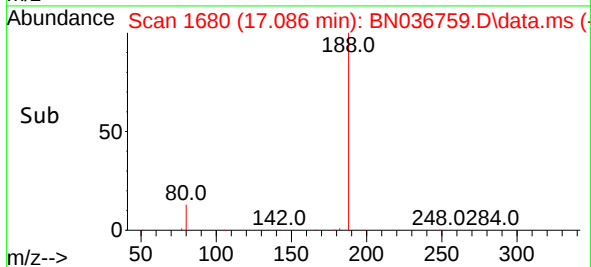
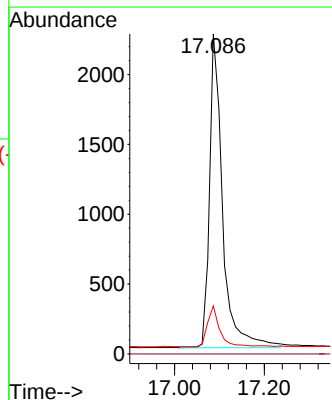
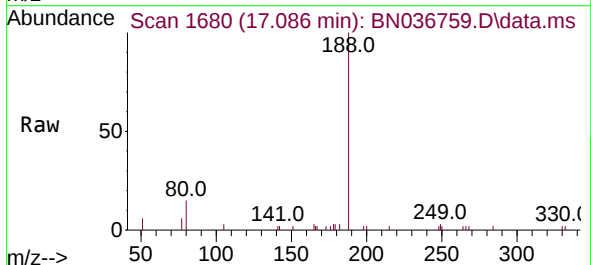
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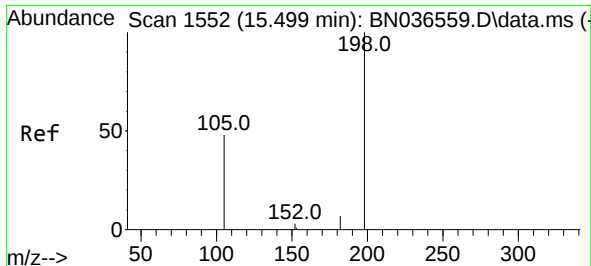
Tgt Ion:172 Resp: 3790
Ion Ratio Lower Upper
172 100
171 38.4 29.5 44.3
170 27.2 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036759.D
Acq: 28 Mar 2025 04:58

Tgt Ion:188 Resp: 4518
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 8.8 13.2#

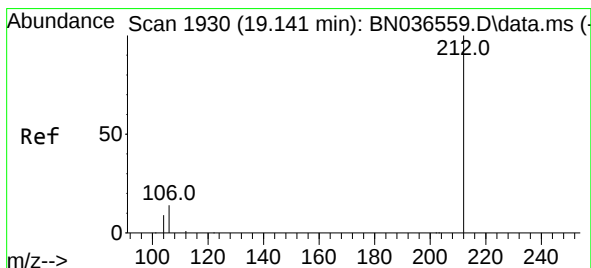
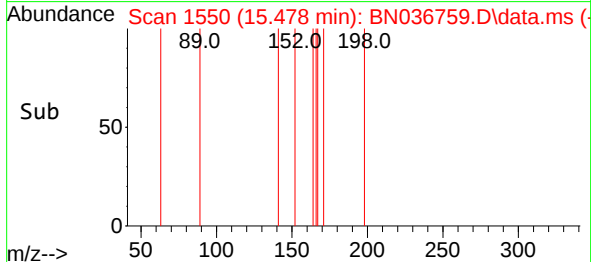
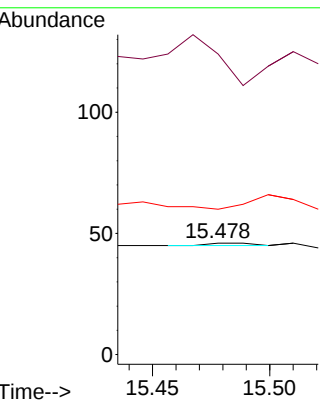
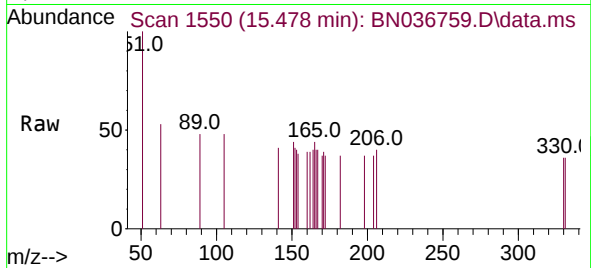




#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.478 min Scan# 1550
Delta R.T. -0.021 min
Lab File: BN036759.D
Acq: 28 Mar 2025 04:58

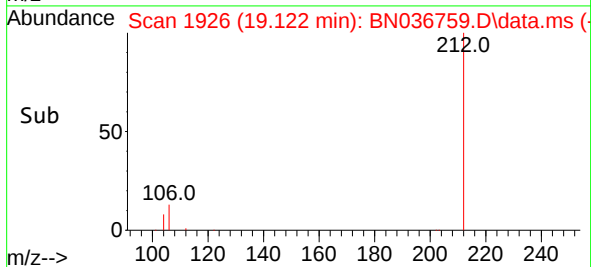
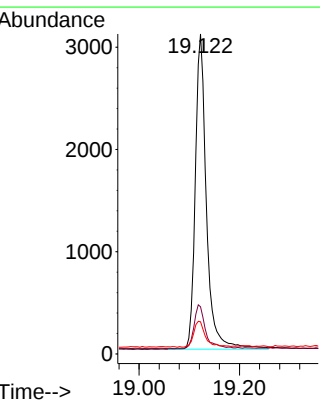
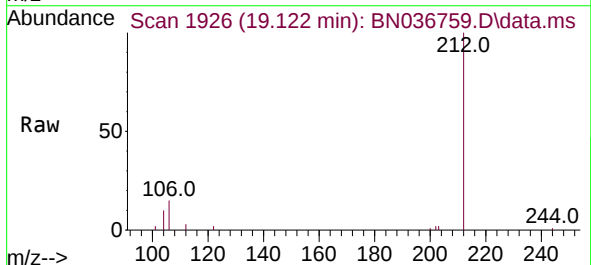
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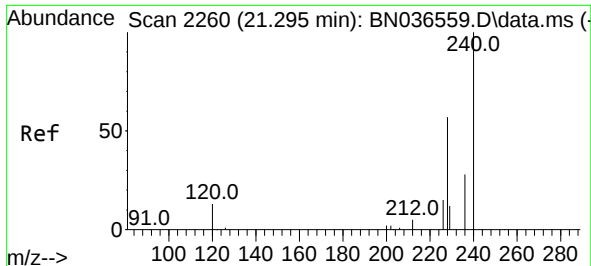
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 269.6 107.9 161.9#
105 130.4 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.019 min
Lab File: BN036759.D
Acq: 28 Mar 2025 04:58

Tgt Ion:212 Resp: 4749
Ion Ratio Lower Upper
212 100
106 14.4 11.8 17.6
104 8.7 7.3 10.9

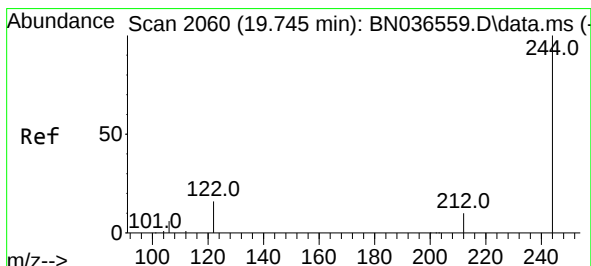
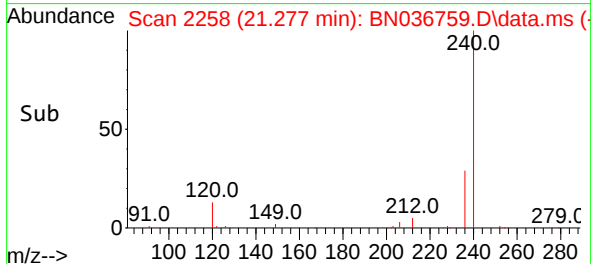
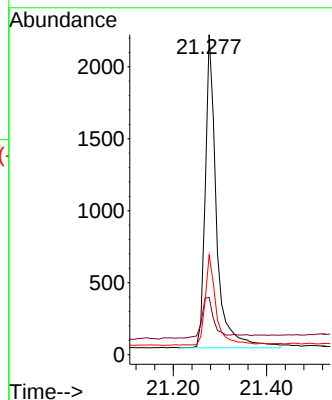
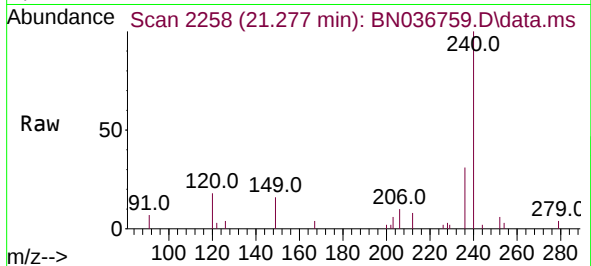




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036759.D
Acq: 28 Mar 2025 04:58

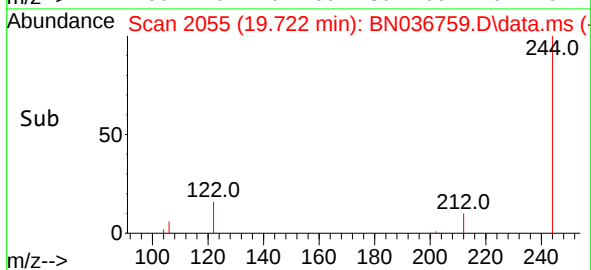
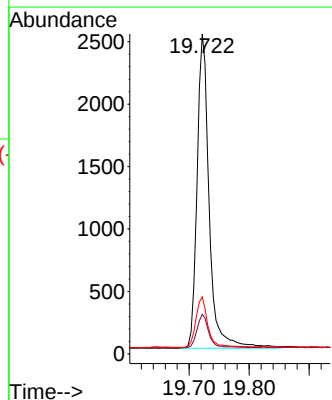
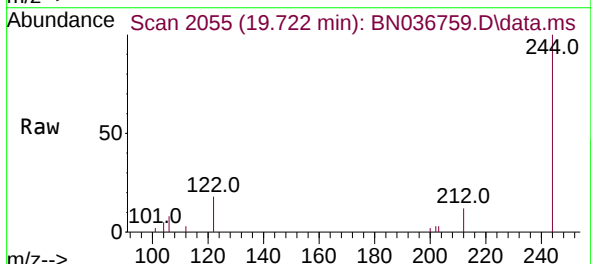
Instrument :
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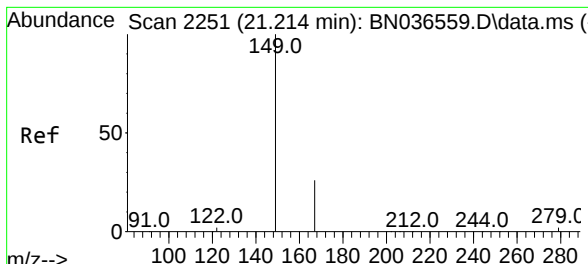
Tgt Ion:240 Resp: 3643
Ion Ratio Lower Upper
240 100
120 17.9 14.6 22.0
236 31.1 24.1 36.1



#31
Terphenyl-d14
Concen: 0.404 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036759.D
Acq: 28 Mar 2025 04:58

Tgt Ion:244 Resp: 3529
Ion Ratio Lower Upper
244 100
212 12.4 9.6 14.4
122 17.8 13.9 20.9

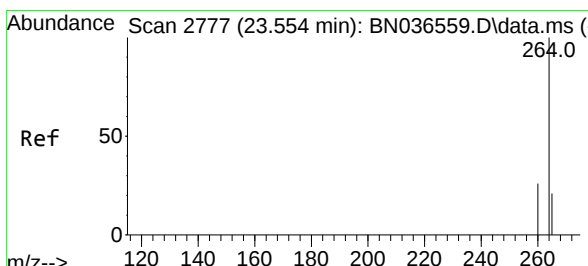
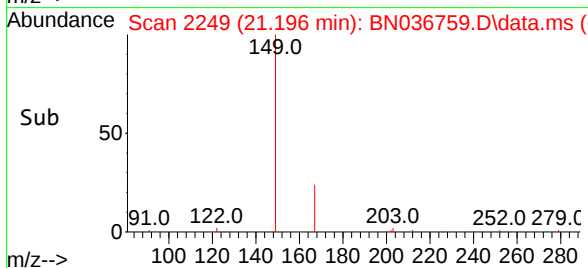
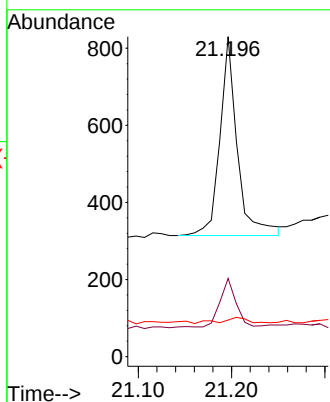
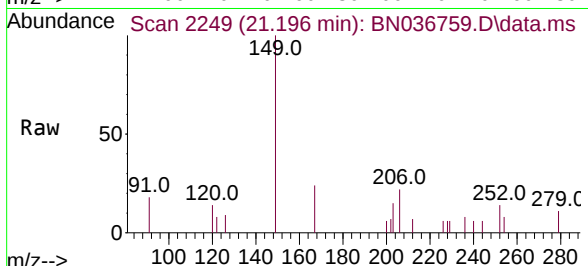




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.074 ng
 RT: 21.196 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN036759.D
 Acq: 28 Mar 2025 04:58

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20250319

Tgt Ion:	149	Resp:	667
Ion	Ratio	Lower	Upper
149	100		
167	22.3	20.7	31.1
279	4.8	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: BN036759.D
 Acq: 28 Mar 2025 04:58

Tgt Ion:	264	Resp:	3268
Ion	Ratio	Lower	Upper
264	100		
260	28.1	22.6	33.8
265	90.6	88.1	132.1

