

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036752.D
 Acq On : 28 Mar 2025 00:03
 Operator : RC/JU
 Sample : Q1608-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20250318

Quant Time: Mar 28 00:59:32 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)

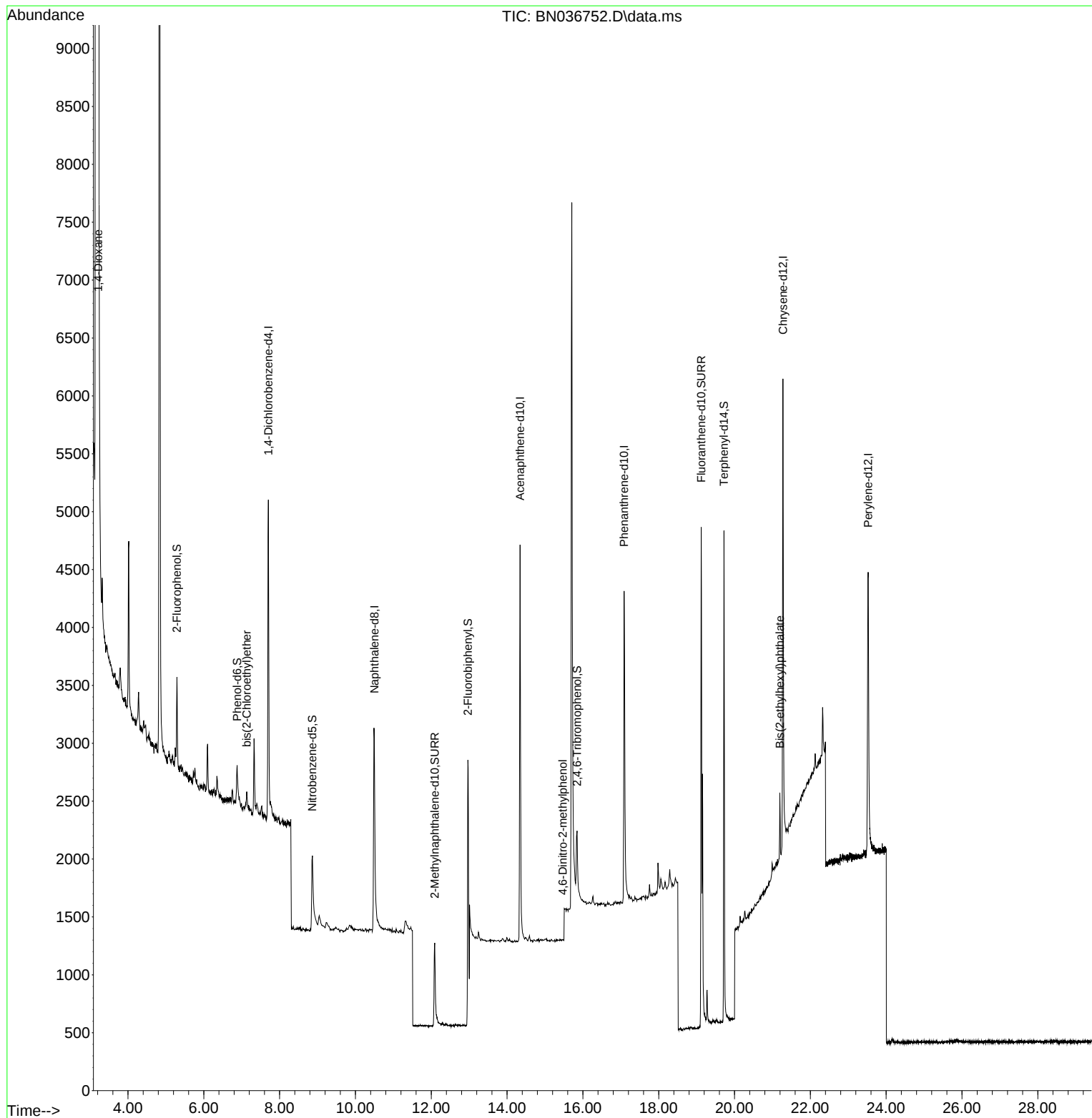
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1467	0.400	ng	-0.02
7) Naphthalene-d8	10.498	136	3369	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2179	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	4845	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4336	0.400	ng	-0.02
35) Perylene-d12	23.525	264	3908	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	574	0.168	ng	-0.02
5) Phenol-d6	6.879	99	375	0.089	ng	-0.02
8) Nitrobenzene-d5	8.864	82	991	0.270	ng	-0.01
11) 2-Methylnaphthalene-d10	12.091	152	1454	0.290	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	413	0.418	ng	-0.01
15) 2-Fluorobiphenyl	12.968	172	3905	0.308	ng	-0.02
27) Fluoranthene-d10	19.122	212	5284	0.426	ng	-0.02
31) Terphenyl-d14	19.722	244	4362	0.420	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	5556	3.414	ng	95
6) bis(2-Chloroethyl)ether	7.132	93	117	0.027	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.467	198	2	0.147	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	571	0.053	ng	96

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

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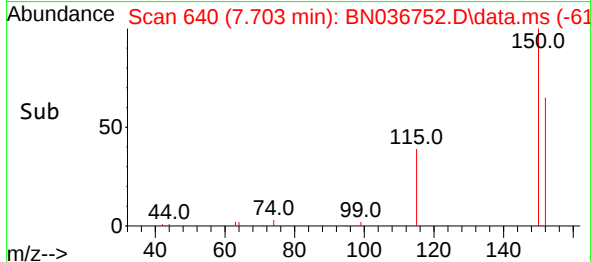
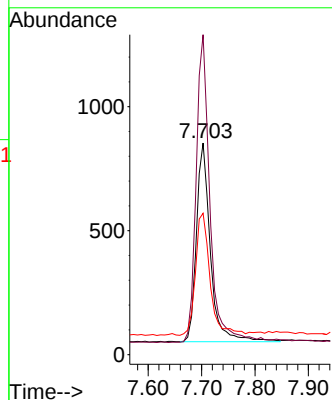
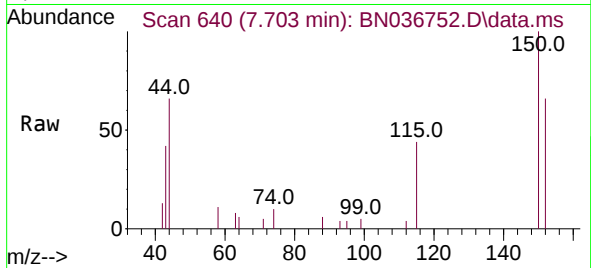




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036752.D
 Acq: 28 Mar 2025 00:03

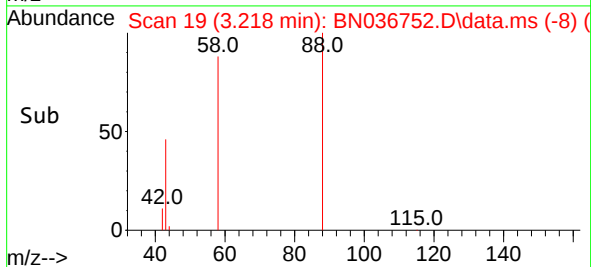
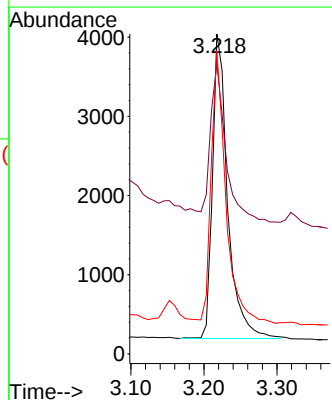
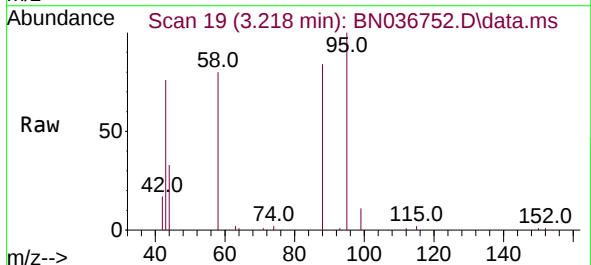
Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20250318

Tgt Ion:152 Resp: 1467
 Ion Ratio Lower Upper
 152 100
 150 151.2 123.7 185.5
 115 66.8 54.3 81.5



#2
 1,4-Dioxane
 Concen: 3.414 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036752.D
 Acq: 28 Mar 2025 00:03

Tgt Ion: 88 Resp: 5556
 Ion Ratio Lower Upper
 88 100
 43 53.8 37.8 56.8
 58 86.2 67.4 101.2

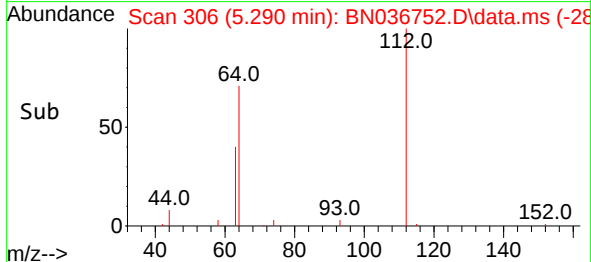
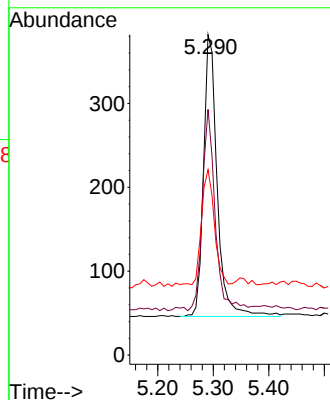
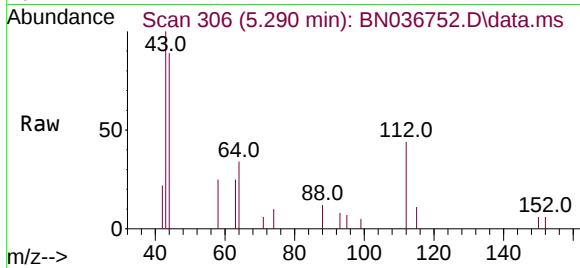




#4
2-Fluorophenol
Concen: 0.168 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036752.D
Acq: 28 Mar 2025 00:03

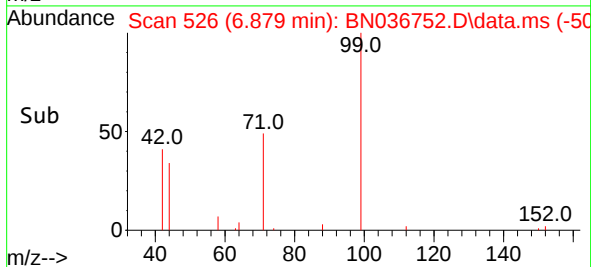
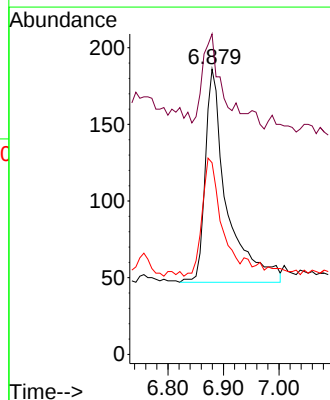
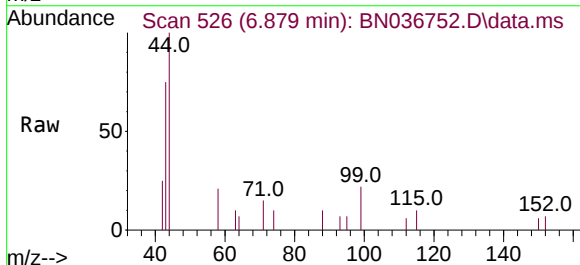
Instrument :
BNA_N
ClientSampleId :
RE132D7-20250318

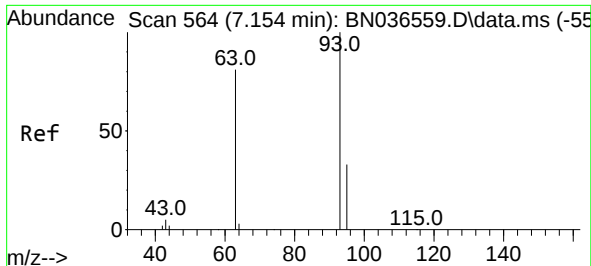
Tgt Ion:112 Resp: 574
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 39.0 31.8 47.8



#5
Phenol-d6
Concen: 0.089 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036752.D
Acq: 28 Mar 2025 00:03

Tgt Ion: 99 Resp: 375
Ion Ratio Lower Upper
99 100
42 34.1 26.5 39.7
71 49.1 34.1 51.1

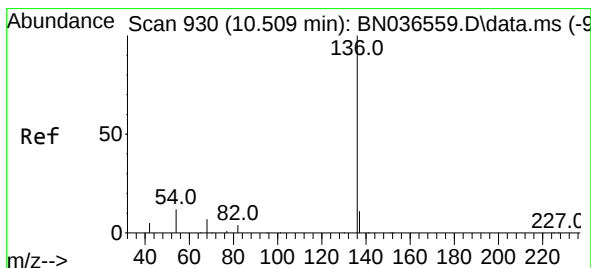
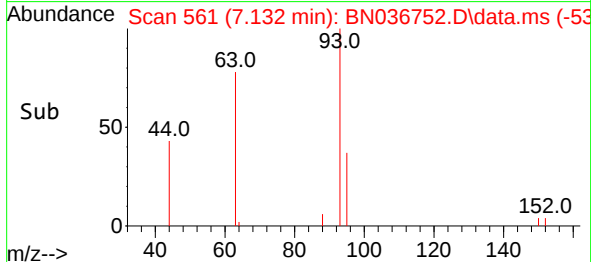
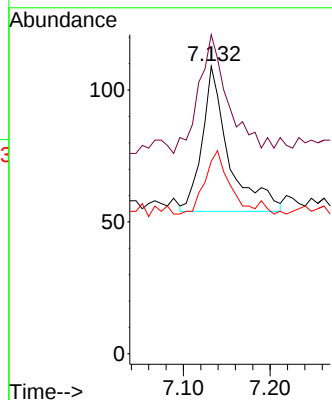
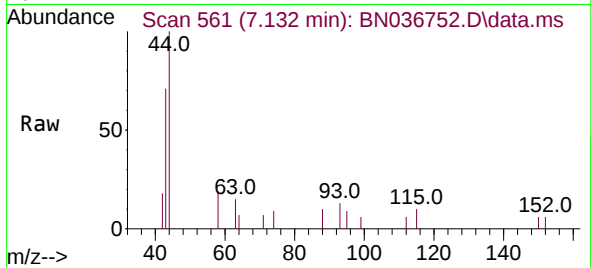




#6
bis(2-Chloroethyl)ether
Concen: 0.027 ng
RT: 7.132 min Scan# 501
Delta R.T. -0.022 min
Lab File: BN036752.D
Acq: 28 Mar 2025 00:03

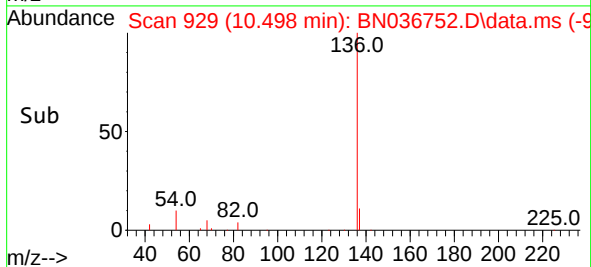
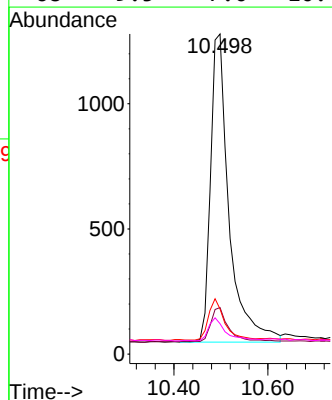
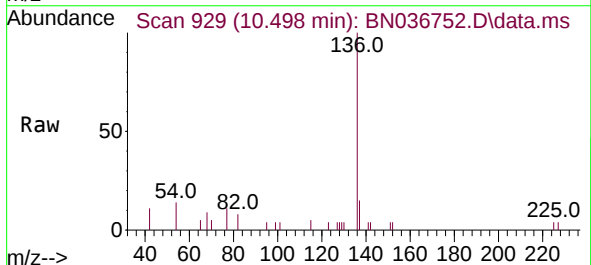
Instrument :
BNA_N
ClientSampleId :
RE132D7-20250318

Tgt Ion: 93 Resp: 117
Ion Ratio Lower Upper
93 100
63 92.3 67.7 101.5
95 40.2 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: BN036752.D
Acq: 28 Mar 2025 00:03

Tgt Ion:136 Resp: 3369
Ion Ratio Lower Upper
136 100
137 14.5 10.3 15.5
54 14.1 11.5 17.3
68 9.5 7.0 10.4

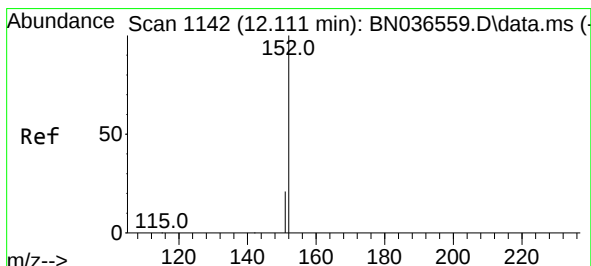
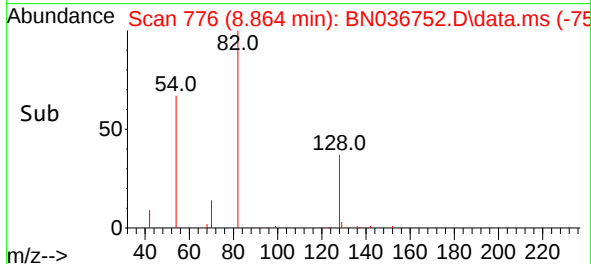
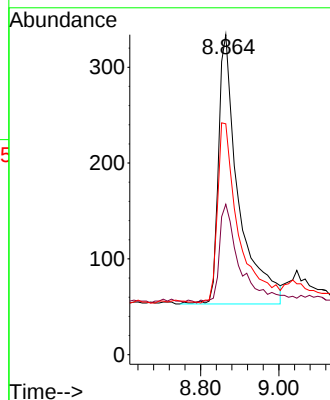
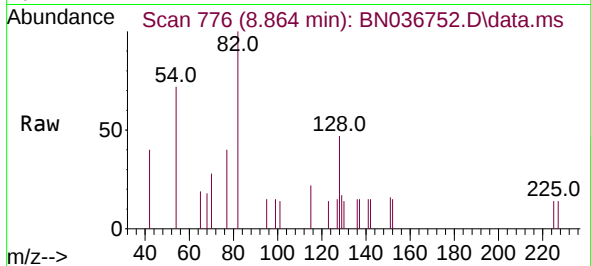




#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.864 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN036752.D
Acq: 28 Mar 2025 00:03

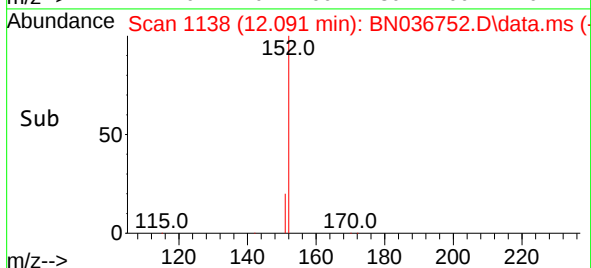
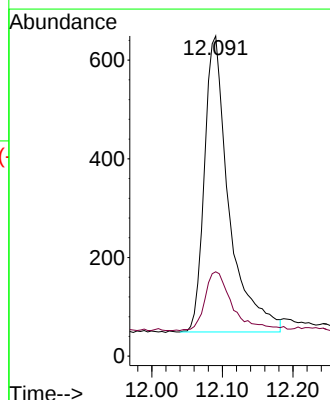
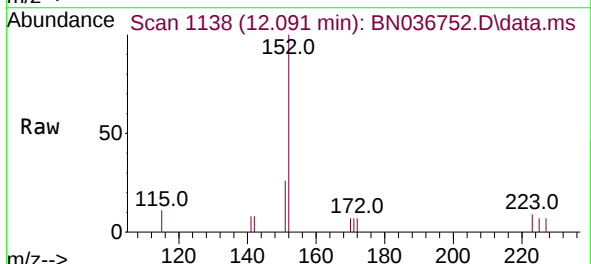
Instrument :
BNA_N
ClientSampleId :
RE132D7-20250318

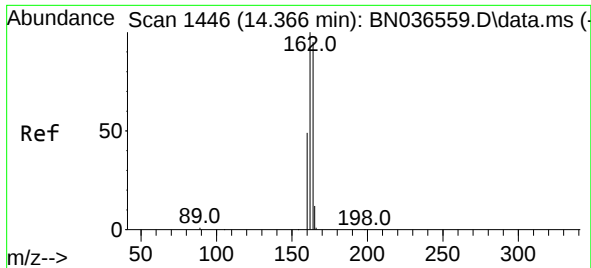
Tgt Ion: 82 Resp: 991
Ion Ratio Lower Upper
82 100
128 47.0 30.6 45.8#
54 72.2 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.091 min Scan# 1138
Delta R.T. -0.020 min
Lab File: BN036752.D
Acq: 28 Mar 2025 00:03

Tgt Ion: 152 Resp: 1454
Ion Ratio Lower Upper
152 100
151 22.2 17.0 25.6

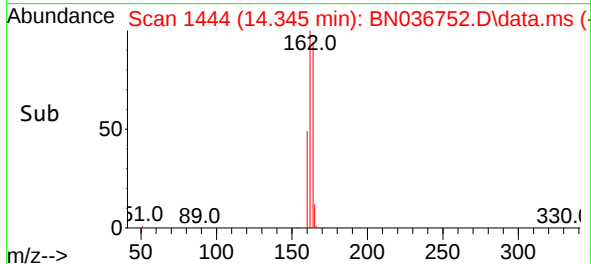
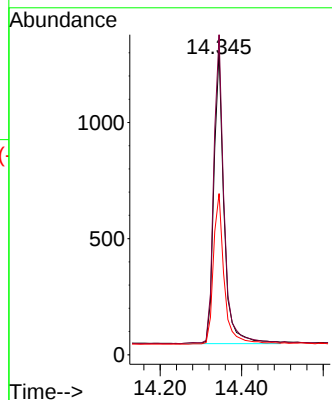
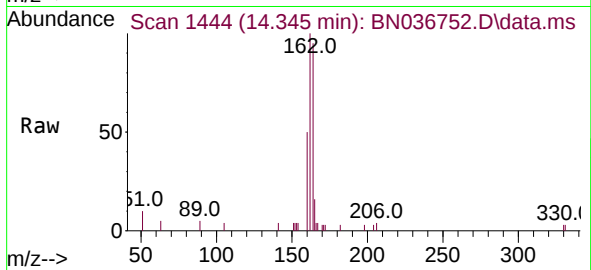




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036752.D
Acq: 28 Mar 2025 00:03

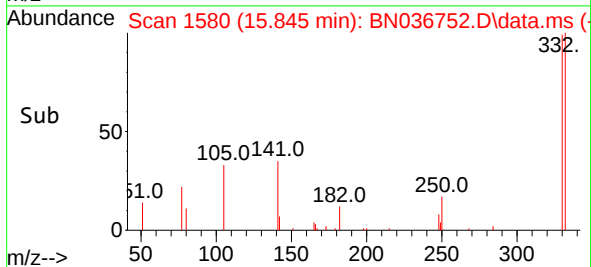
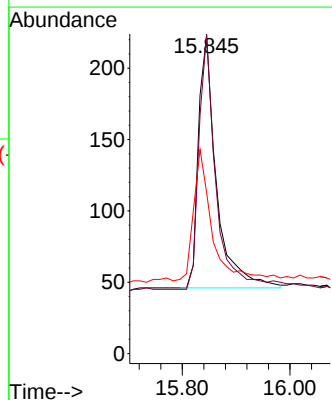
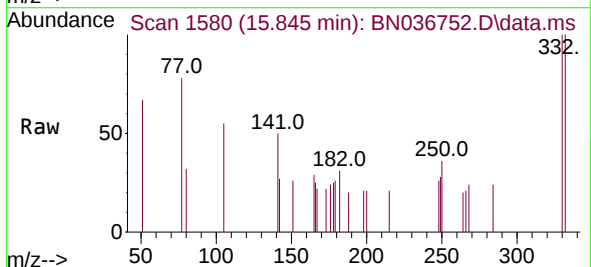
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BNA_N
ClientSampleId :
RE132D7-20250318

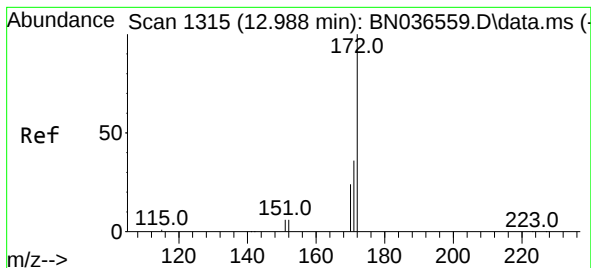
Tgt Ion:164 Resp: 2179
Ion Ratio Lower Upper
164 100
162 105.7 84.2 126.2
160 53.2 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.418 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BN036752.D
Acq: 28 Mar 2025 00:03

Tgt Ion:330 Resp: 413
Ion Ratio Lower Upper
330 100
332 96.6 75.2 112.8
141 53.3 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.308 ng

RT: 12.968 min Scan# 11

Delta R.T. -0.020 min

Lab File: BN036752.D

Acq: 28 Mar 2025 00:03

Instrument :

BNA_N

ClientSampleId :

RE132D7-20250318

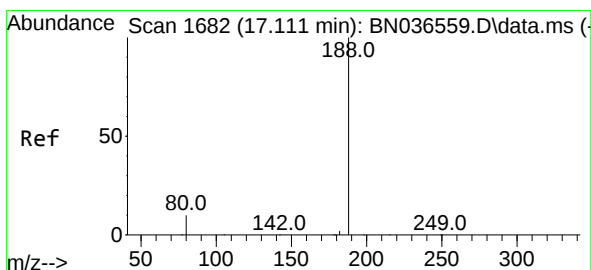
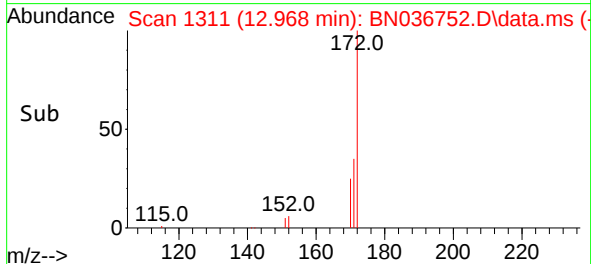
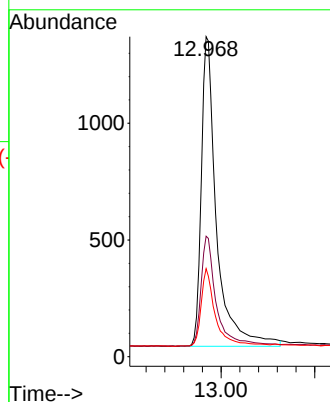
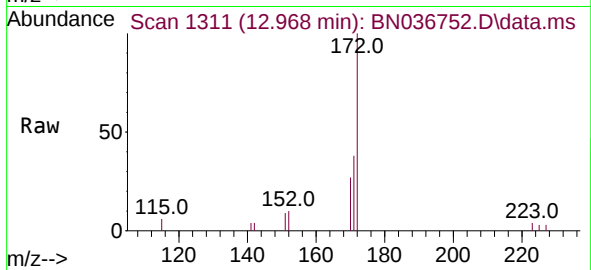
Tgt Ion:172 Resp: 3905

Ion Ratio Lower Upper

172 100

171 37.6 29.5 44.3

170 27.5 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: BN036752.D

Acq: 28 Mar 2025 00:03

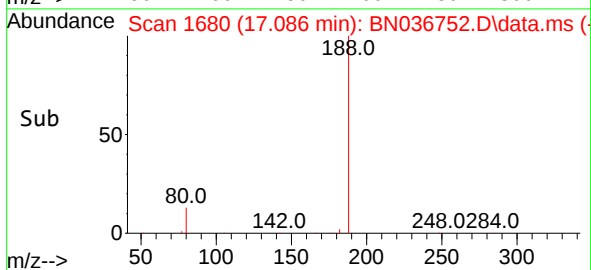
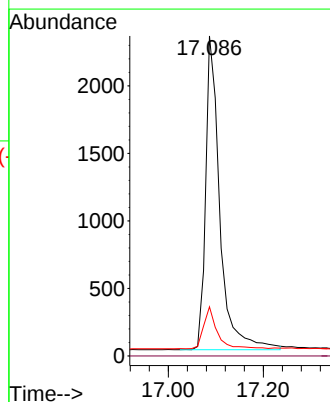
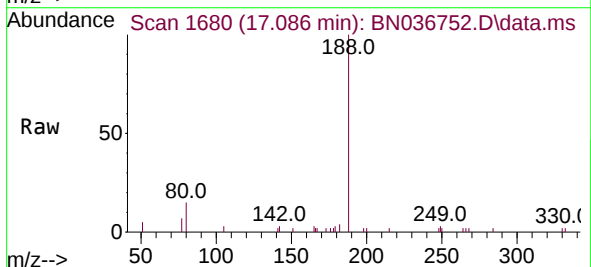
Tgt Ion:188 Resp: 4845

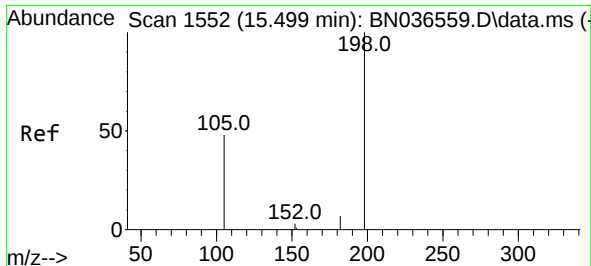
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.4 8.8 13.2#

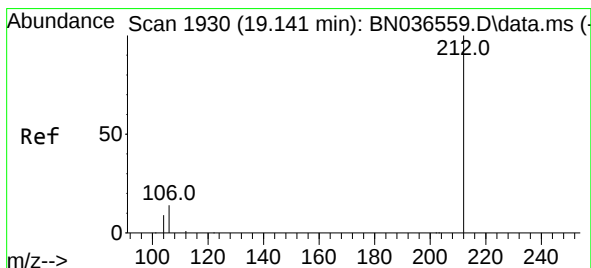
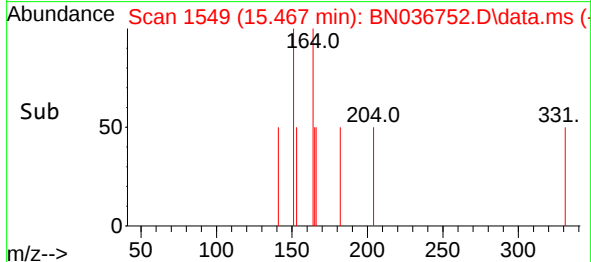
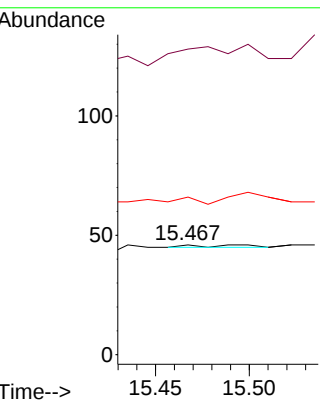
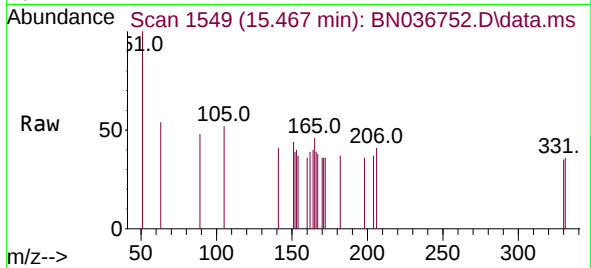




#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.467 min Scan# 11
Delta R.T. -0.032 min
Lab File: BN036752.D
Acq: 28 Mar 2025 00:03

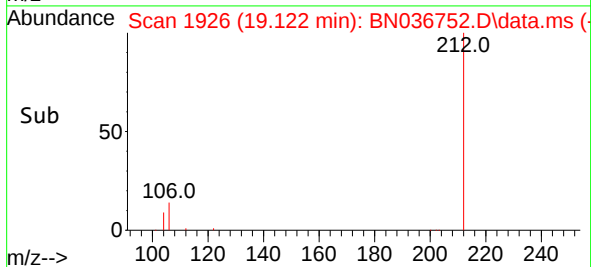
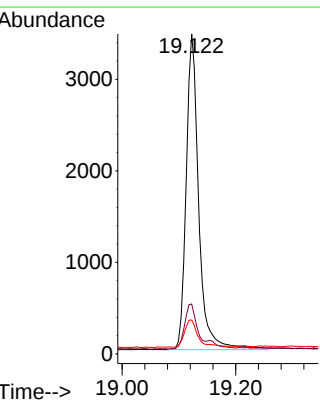
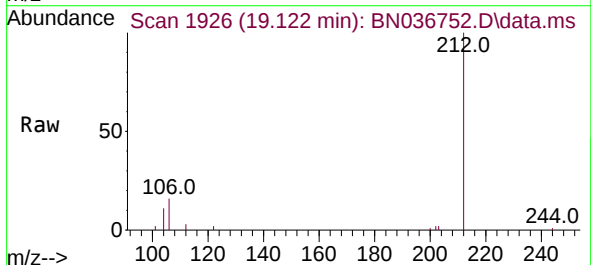
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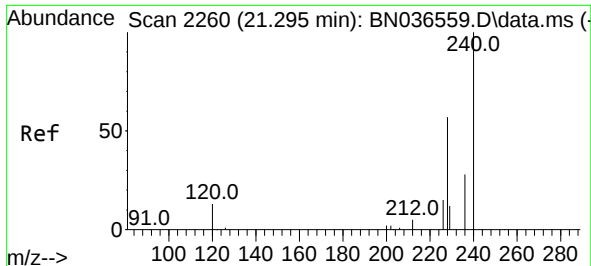
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 278.3 107.9 161.9#
105 143.5 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.426 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.019 min
Lab File: BN036752.D
Acq: 28 Mar 2025 00:03

Tgt Ion:212 Resp: 5284
Ion Ratio Lower Upper
212 100
106 13.9 11.8 17.6
104 9.4 7.3 10.9

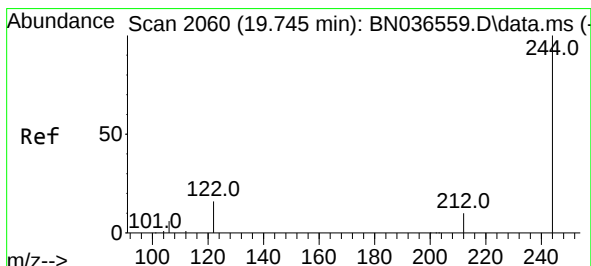
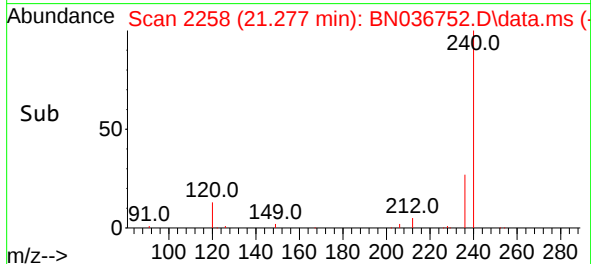
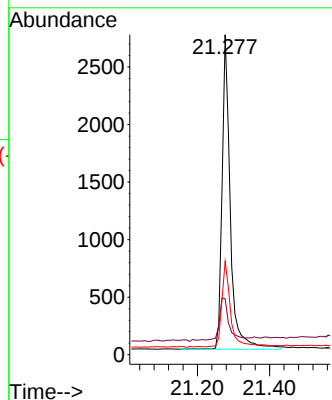
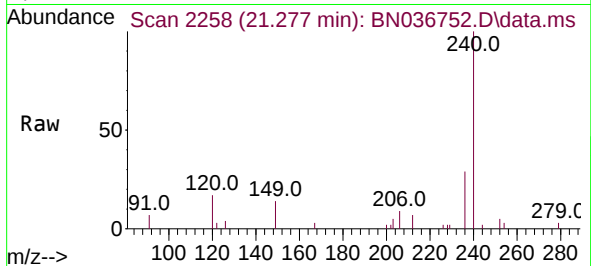




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036752.D
Acq: 28 Mar 2025 00:03

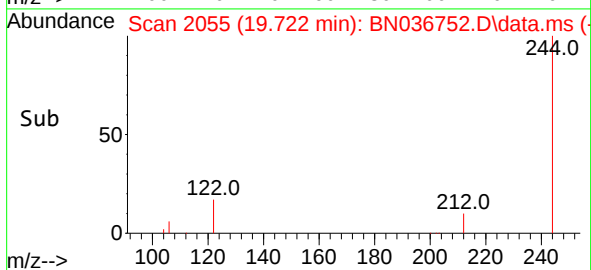
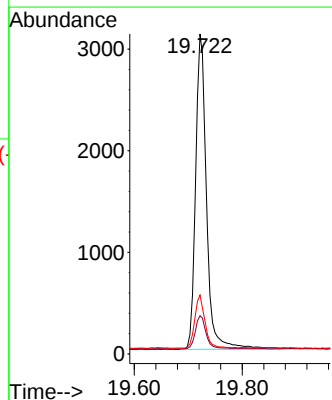
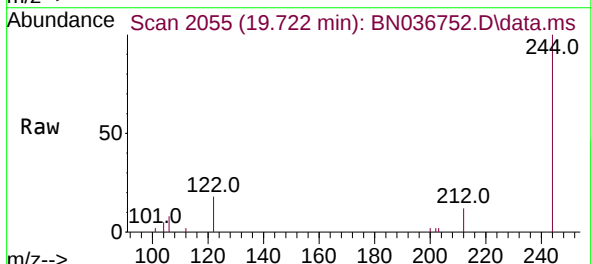
Instrument :
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RE132D7-20250318

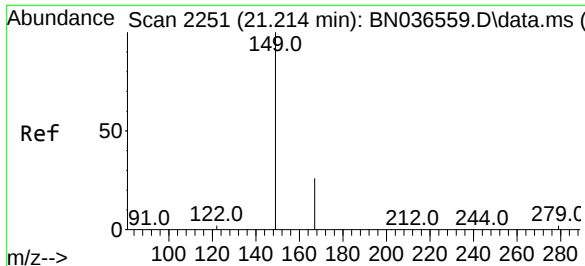
Tgt Ion:240 Resp: 4336
Ion Ratio Lower Upper
240 100
120 17.5 14.6 22.0
236 29.2 24.1 36.1



#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036752.D
Acq: 28 Mar 2025 00:03

Tgt Ion:244 Resp: 4362
Ion Ratio Lower Upper
244 100
212 11.9 9.6 14.4
122 18.4 13.9 20.9

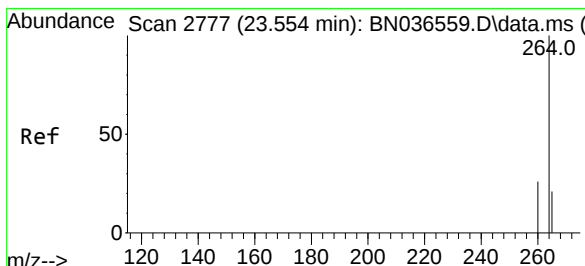
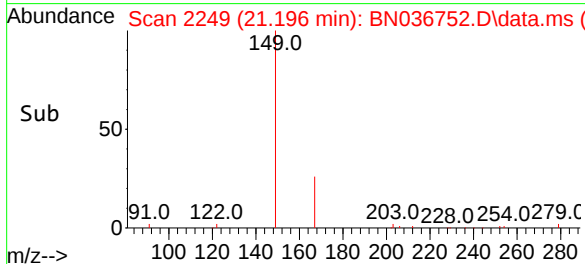
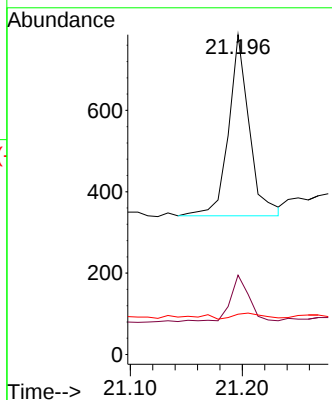
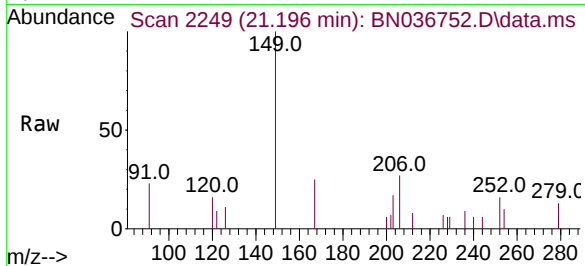




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.053 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036752.D
 Acq: 28 Mar 2025 00:03

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20250318

Tgt Ion:149 Resp: 571
 Ion Ratio Lower Upper
 149 100
 167 23.3 20.7 31.1
 279 4.7 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.525 min Scan# 2767
 Delta R.T. -0.029 min
 Lab File: BN036752.D
 Acq: 28 Mar 2025 00:03

Tgt Ion:264 Resp: 3908
 Ion Ratio Lower Upper
 264 100
 260 27.4 22.6 33.8
 265 86.7 88.1 132.1#

