

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036733.D
 Acq On : 27 Mar 2025 12:14
 Operator : RC/JU
 Sample : Q1621-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250320

Quant Time: Mar 27 19:15:02 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)

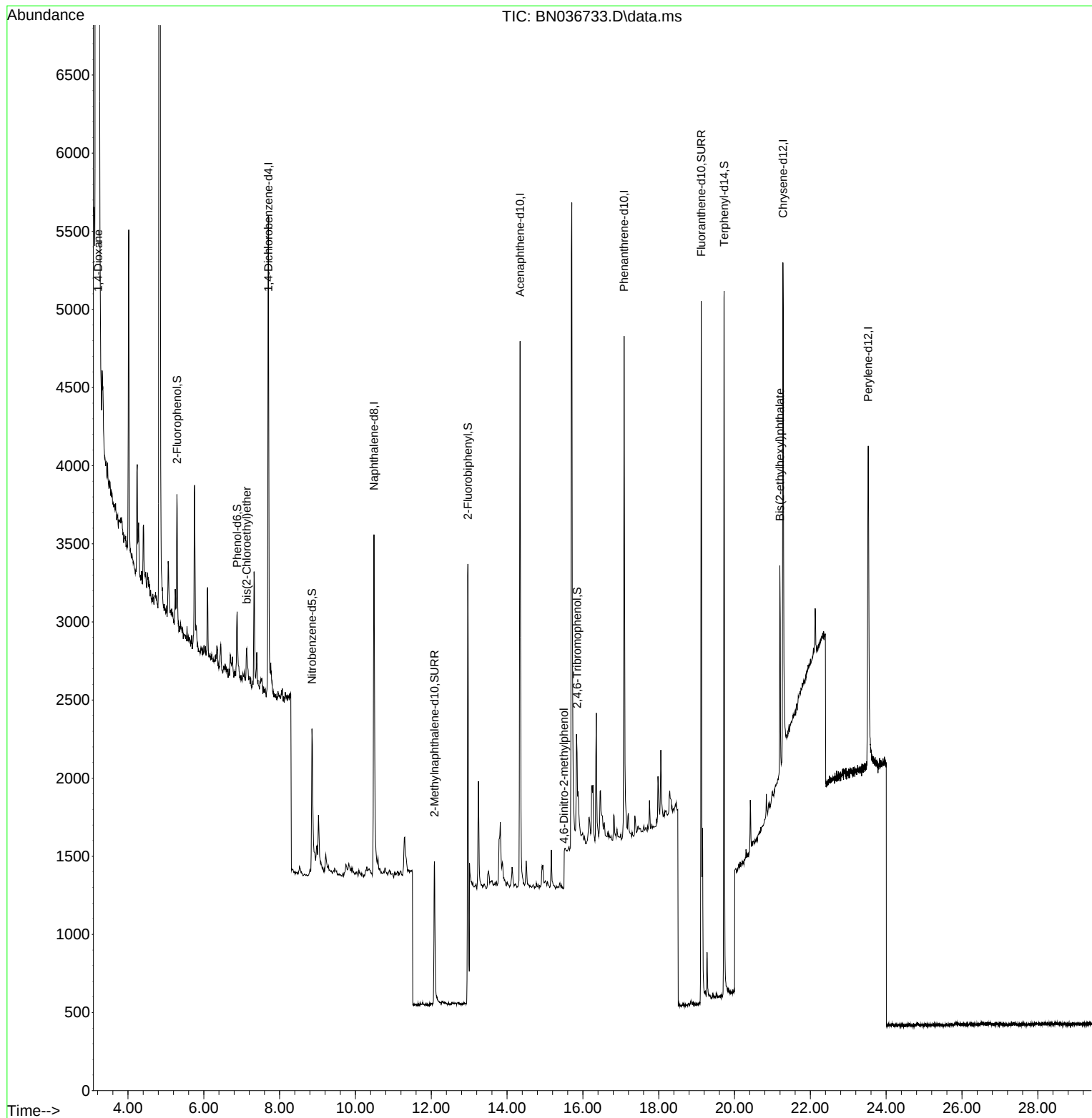
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1492	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3351	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2085	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	4625	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	3861	0.400	ng	-0.02
35) Perylene-d12	23.528	264	3367	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	612	0.176	ng	-0.01
5) Phenol-d6	6.879	99	426	0.099	ng	-0.02
8) Nitrobenzene-d5	8.854	82	1085	0.298	ng	-0.02
11) 2-Methylnaphthalene-d10	12.086	152	1517	0.304	ng	-0.03
14) 2,4,6-Tribromophenol	15.845	330	443	0.468	ng	-0.01
15) 2-Fluorobiphenyl	12.968	172	3963	0.327	ng	-0.02
27) Fluoranthene-d10	19.122	212	5217	0.440	ng	-0.02
31) Terphenyl-d14	19.726	244	4563	0.493	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	11914	7.198	ng	98
6) bis(2-Chloroethyl)ether	7.132	93	162	0.036	ng	# 78
20) 4,6-Dinitro-2-methylph...	15.499	198	5	0.150	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	1392	0.146	ng	96

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

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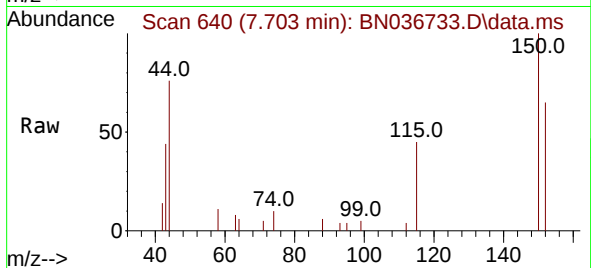
Quant Time: Mar 27 19:15:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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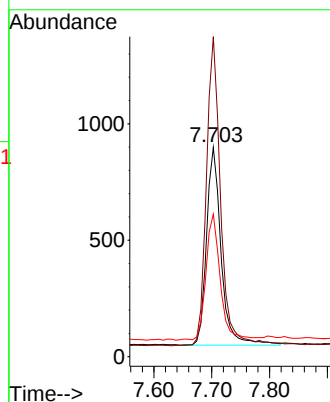
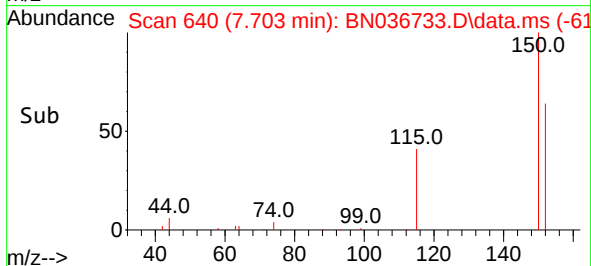


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036733.D
 Acq: 27 Mar 2025 12:14

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250320

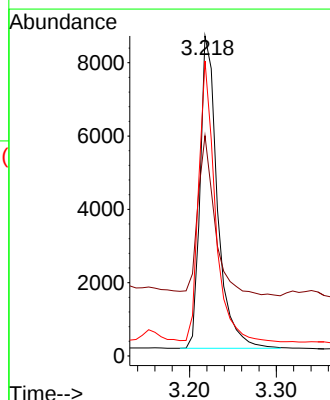
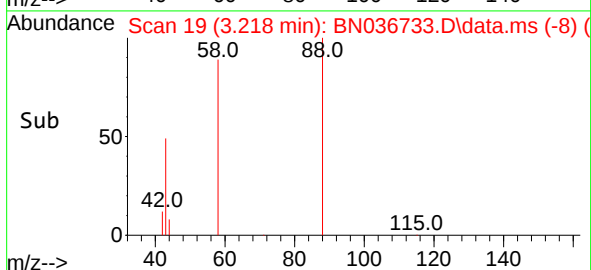
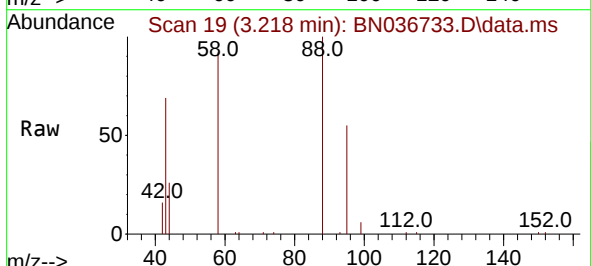


Tgt Ion:152 Resp: 1492
 Ion Ratio Lower Upper
 152 100
 150 152.8 123.7 185.5
 115 68.1 54.3 81.5



#2
 1,4-Dioxane
 Concen: 7.198 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036733.D
 Acq: 27 Mar 2025 12:14

Tgt Ion: 88 Resp: 11914
 Ion Ratio Lower Upper
 88 100
 43 50.5 37.8 56.8
 58 85.4 67.4 101.2

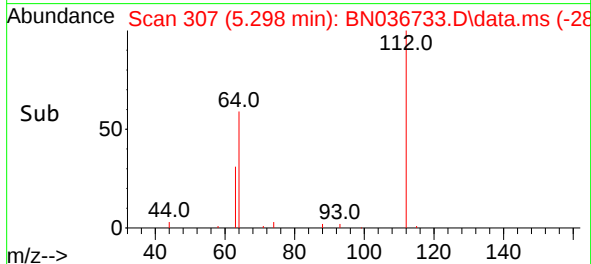
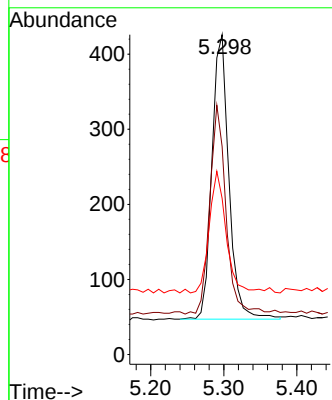
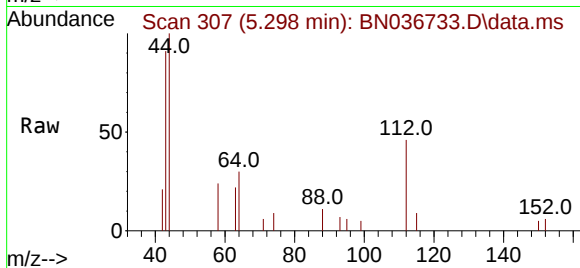




#4
2-Fluorophenol
Concen: 0.176 ng
RT: 5.298 min Scan# 309
Delta R.T. -0.014 min
Lab File: BN036733.D
Acq: 27 Mar 2025 12:14

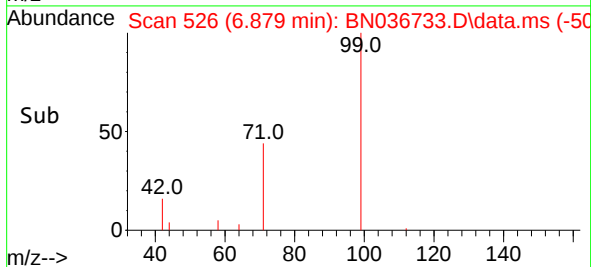
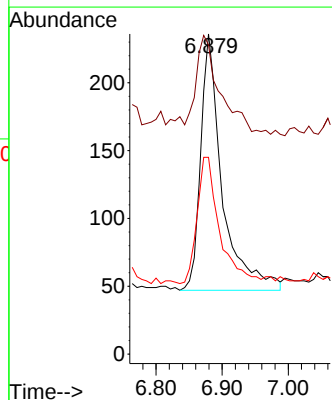
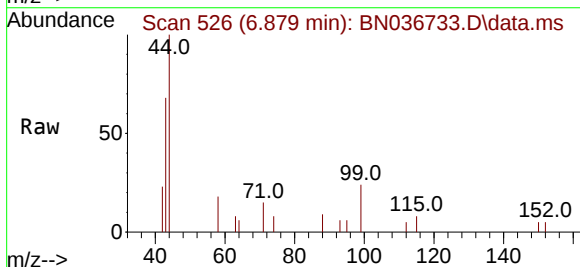
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250320

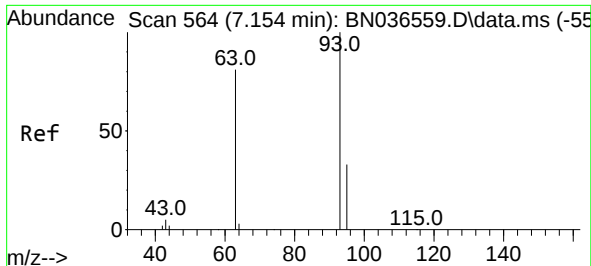
Tgt Ion:112 Resp: 612
Ion Ratio Lower Upper
112 100
64 70.1 53.1 79.7
63 41.8 31.8 47.8



#5
Phenol-d6
Concen: 0.099 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036733.D
Acq: 27 Mar 2025 12:14

Tgt Ion: 99 Resp: 426
Ion Ratio Lower Upper
99 100
42 46.2 26.5 39.7#
71 51.4 34.1 51.1#

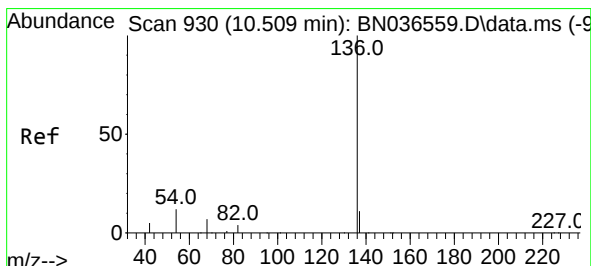
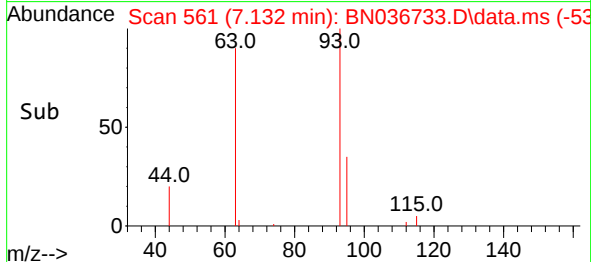
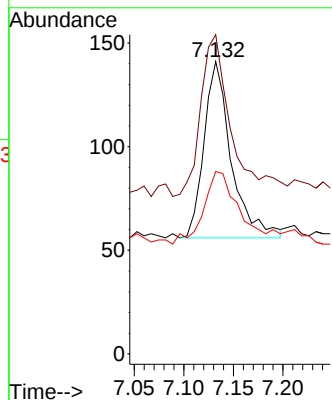
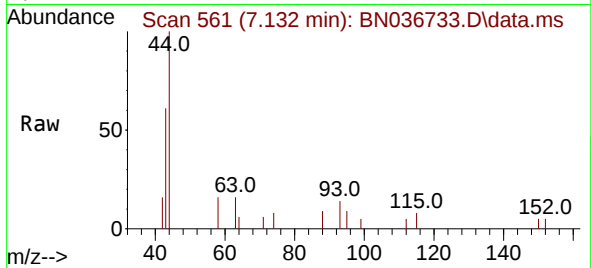




#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.132 min Scan# 501
Delta R.T. -0.022 min
Lab File: BN036733.D
Acq: 27 Mar 2025 12:14

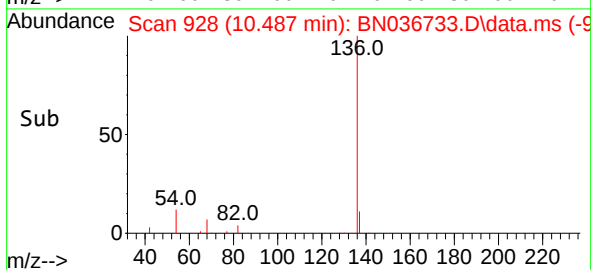
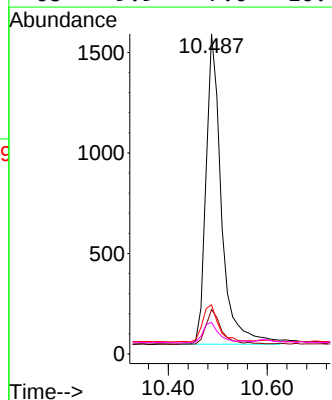
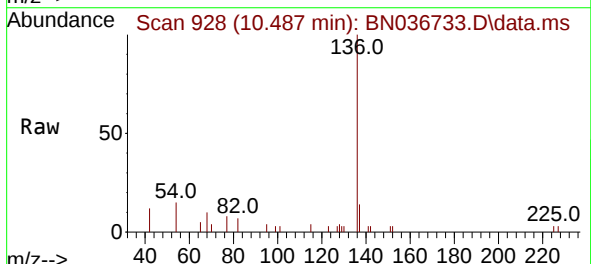
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250320

Tgt Ion: 93 Resp: 162
Ion Ratio Lower Upper
93 100
63 104.3 67.7 101.5#
95 45.1 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036733.D
Acq: 27 Mar 2025 12:14

Tgt Ion:136 Resp: 3351
Ion Ratio Lower Upper
136 100
137 13.8 10.3 15.5
54 15.3 11.5 17.3
68 9.9 7.0 10.4

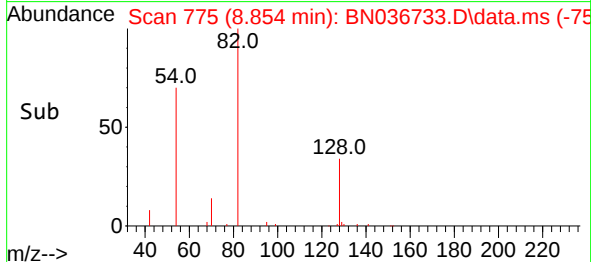
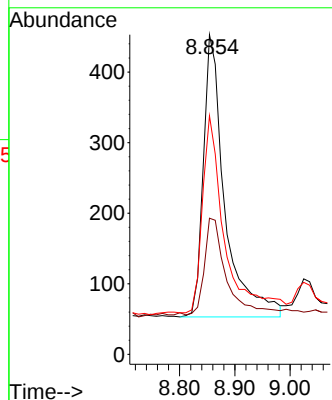
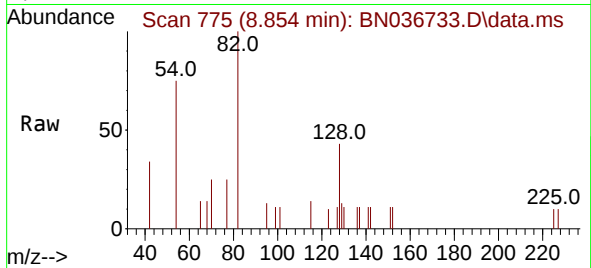




#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.854 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN036733.D
Acq: 27 Mar 2025 12:14

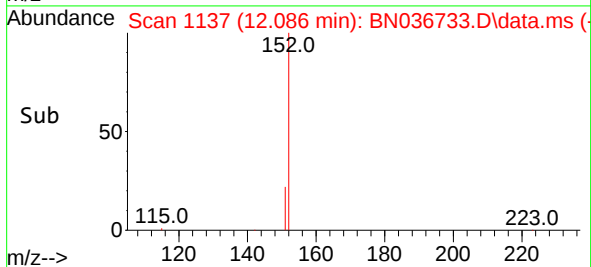
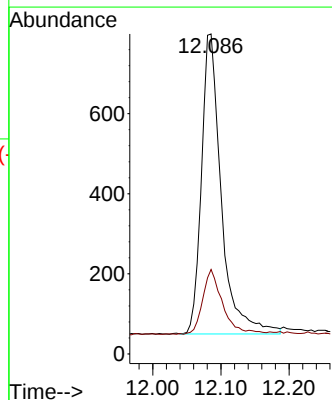
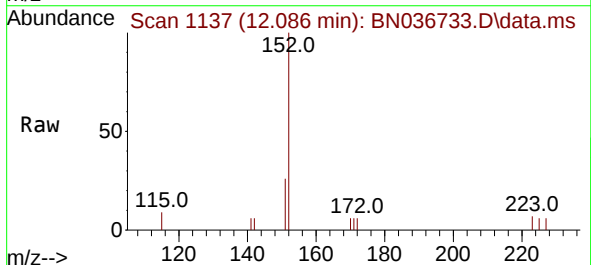
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250320

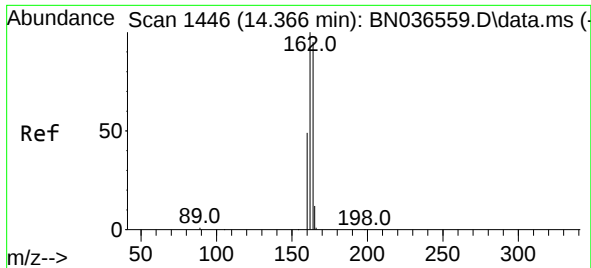
Tgt Ion: 82 Resp: 1085
Ion Ratio Lower Upper
82 100
128 42.6 30.6 45.8
54 74.6 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.086 min Scan# 1137
Delta R.T. -0.025 min
Lab File: BN036733.D
Acq: 27 Mar 2025 12:14

Tgt Ion: 152 Resp: 1517
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.6

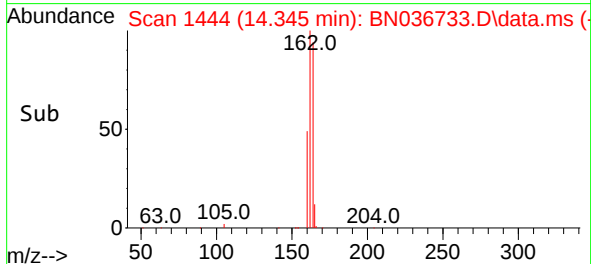
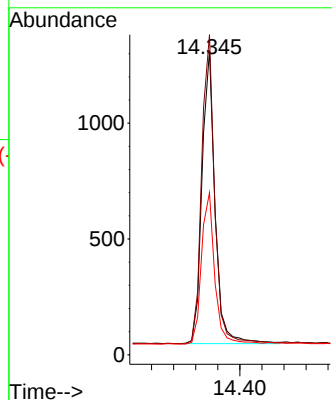
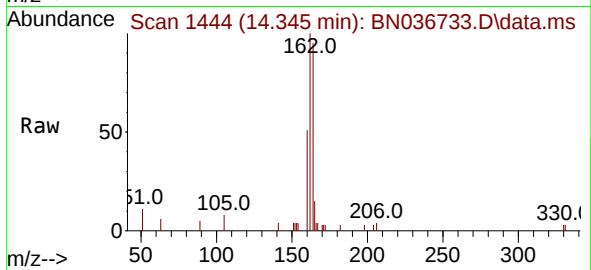




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036733.D
Acq: 27 Mar 2025 12:14

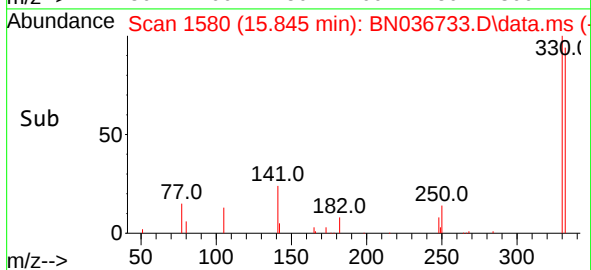
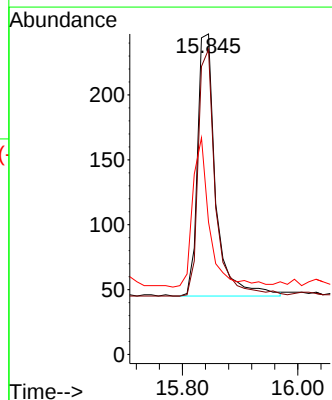
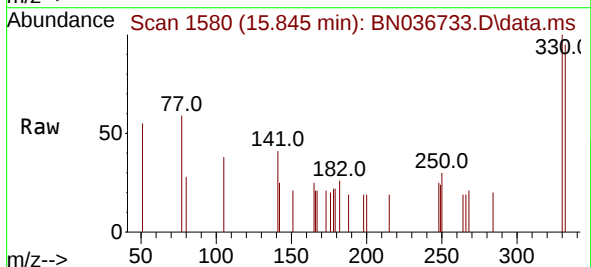
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250320

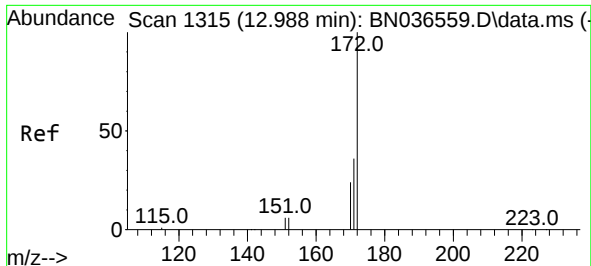
Tgt Ion:164 Resp: 2085
Ion Ratio Lower Upper
164 100
162 105.3 84.2 126.2
160 53.3 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BN036733.D
Acq: 27 Mar 2025 12:14

Tgt Ion:330 Resp: 443
Ion Ratio Lower Upper
330 100
332 90.3 75.2 112.8
141 53.5 43.4 65.2

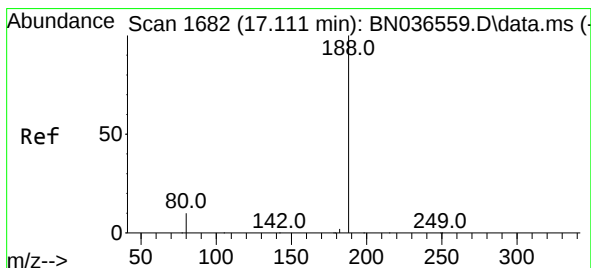
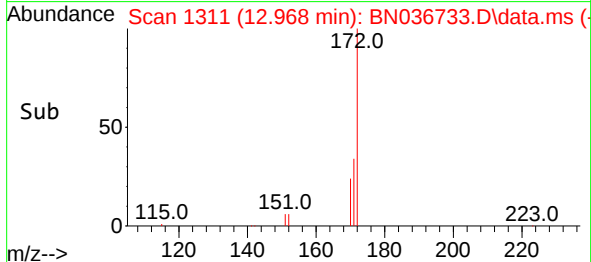
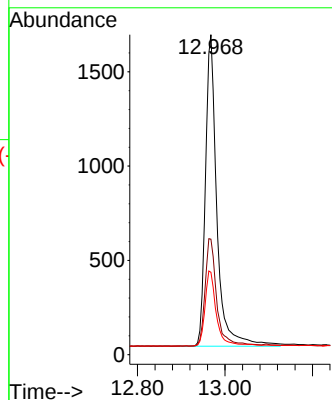
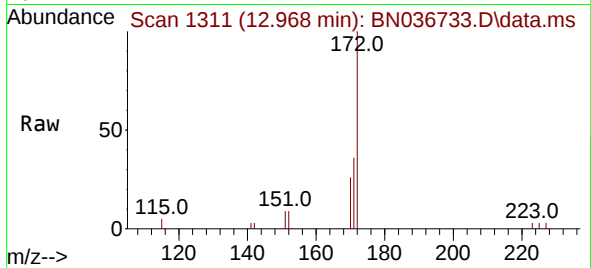




#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN036733.D
Acq: 27 Mar 2025 12:14

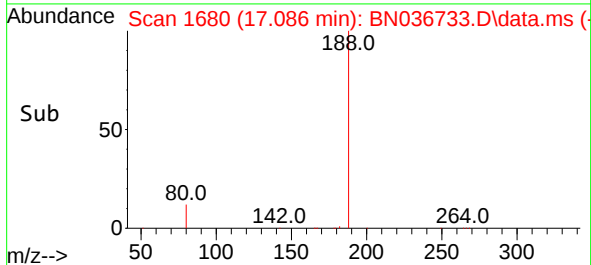
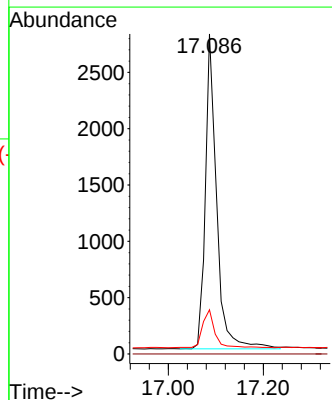
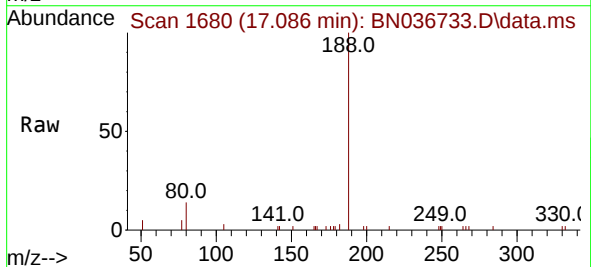
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ClientSampleId :
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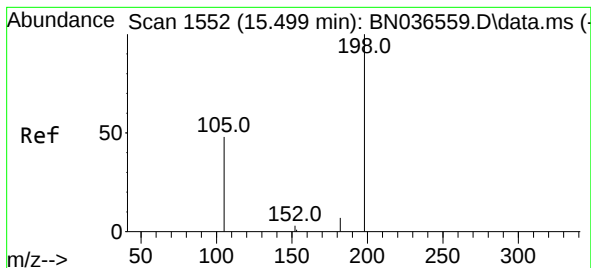
Tgt Ion:	172	Resp:	3963
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.5	44.3
170	25.8	20.2	30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036733.D
Acq: 27 Mar 2025 12:14

Tgt Ion:	188	Resp:	4625
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.8	8.8	13.2

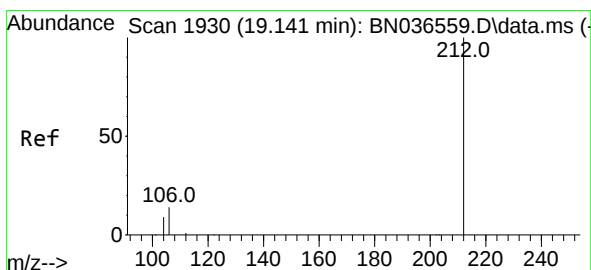
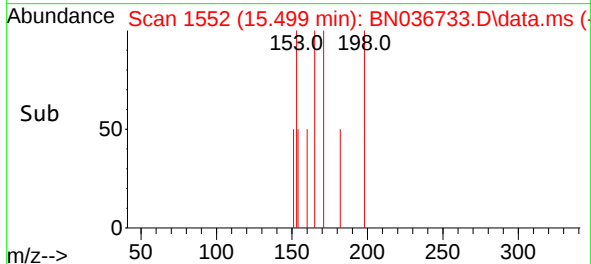
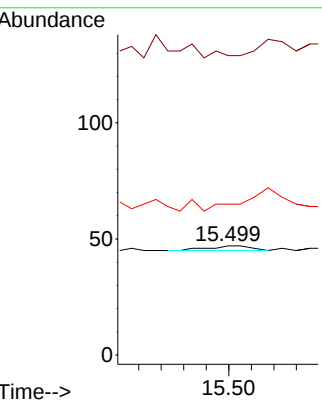
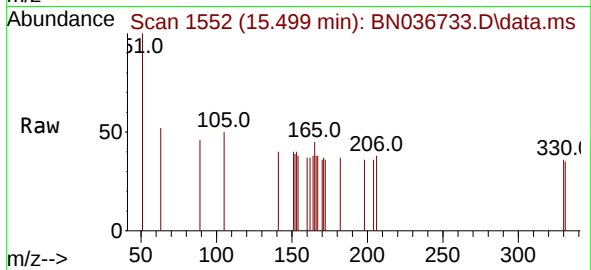




#20
4,6-Dinitro-2-methylphenol
Concen: 0.150 ng
RT: 15.499 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036733.D
Acq: 27 Mar 2025 12:14

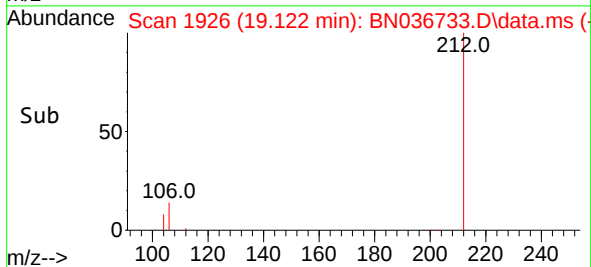
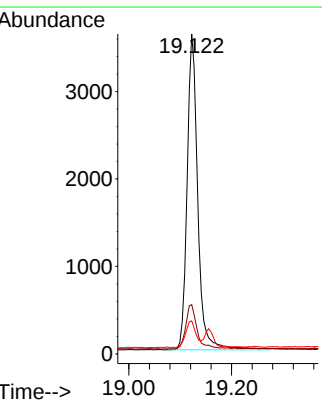
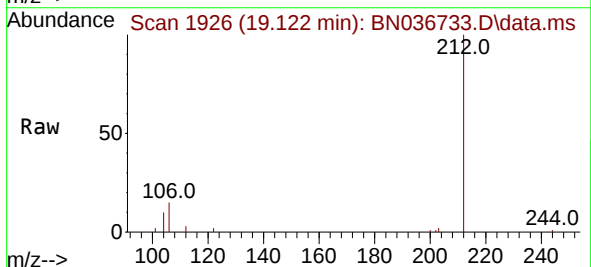
Instrument :
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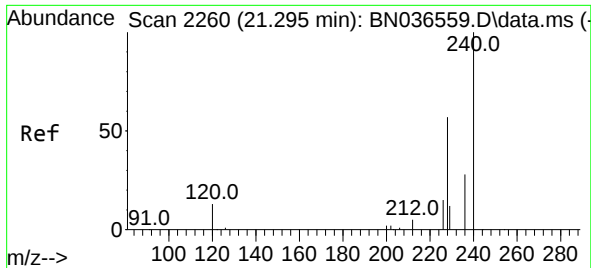
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 274.5 107.9 161.9#
105 138.3 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.440 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.018 min
Lab File: BN036733.D
Acq: 27 Mar 2025 12:14

Tgt Ion:212 Resp: 5217
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.6
104 8.2 7.3 10.9

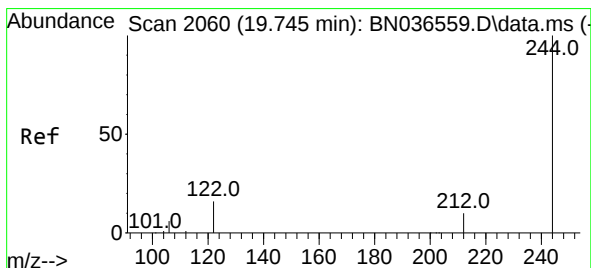
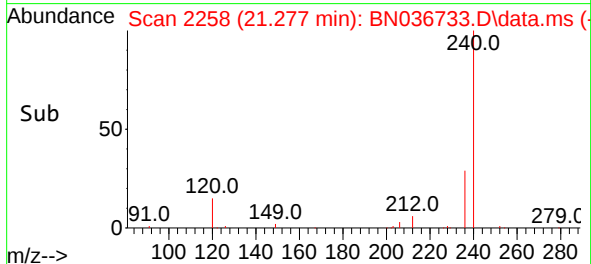
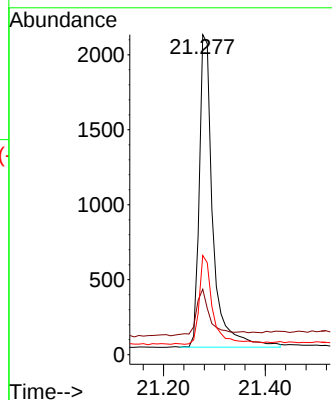
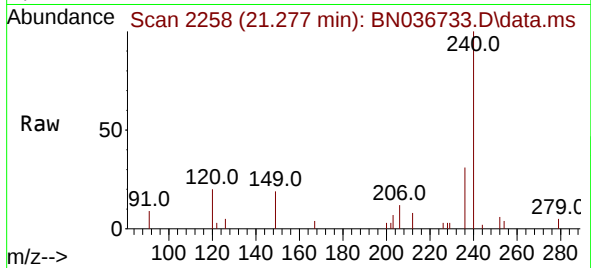




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036733.D
Acq: 27 Mar 2025 12:14

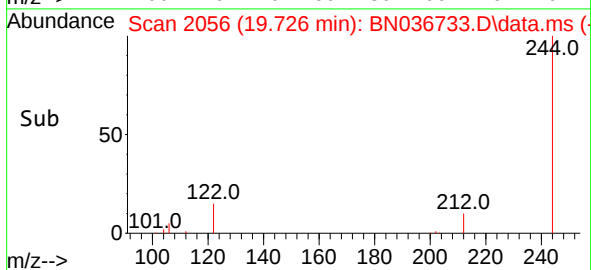
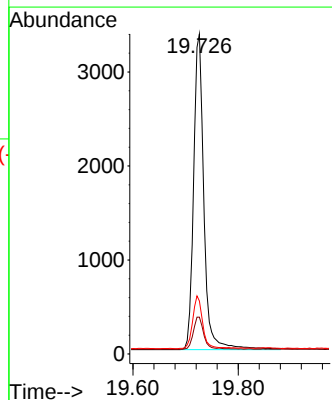
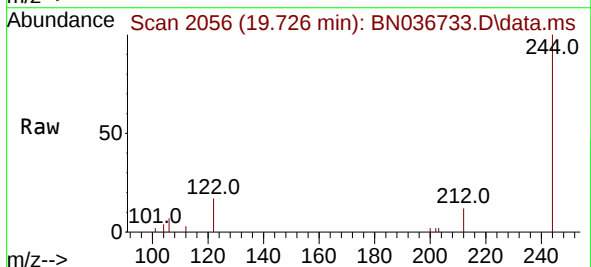
Instrument :
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RW5-SP100-20250320

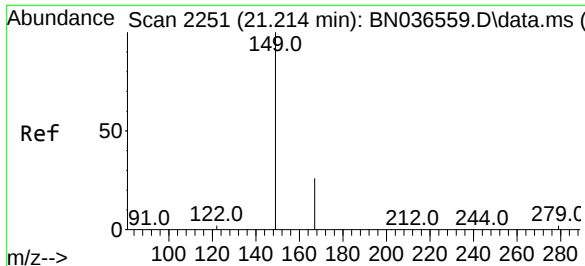
Tgt Ion:240 Resp: 3861
Ion Ratio Lower Upper
240 100
120 20.4 14.6 22.0
236 31.0 24.1 36.1



#31
Terphenyl-d14
Concen: 0.493 ng
RT: 19.726 min Scan# 2056
Delta R.T. -0.018 min
Lab File: BN036733.D
Acq: 27 Mar 2025 12:14

Tgt Ion:244 Resp: 4563
Ion Ratio Lower Upper
244 100
212 11.5 9.6 14.4
122 16.6 13.9 20.9

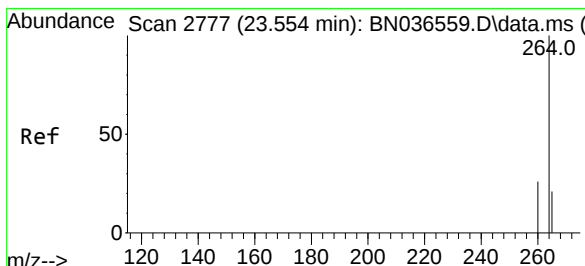
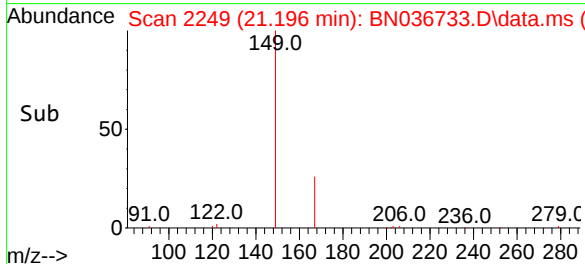
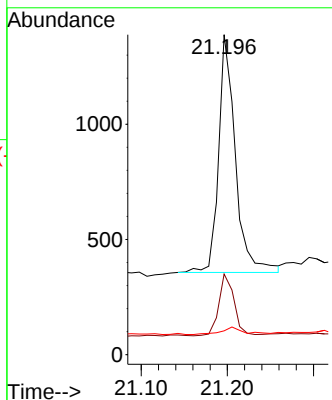
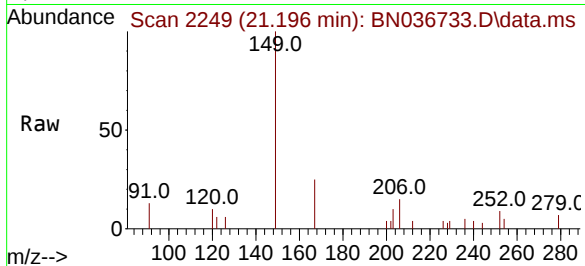




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.146 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036733.D
 Acq: 27 Mar 2025 12:14

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250320

Tgt Ion:149 Resp: 1392
 Ion Ratio Lower Upper
 149 100
 167 23.7 20.7 31.1
 279 4.3 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.528 min Scan# 2768
 Delta R.T. -0.026 min
 Lab File: BN036733.D
 Acq: 27 Mar 2025 12:14

Tgt Ion:264 Resp: 3367
 Ion Ratio Lower Upper
 264 100
 260 27.8 22.6 33.8
 265 99.3 88.1 132.1

