

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037052.D
 Acq On : 19 May 2025 19:16
 Operator : RC/JU
 Sample : Q2051-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250514

Quant Time: May 19 23:46:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

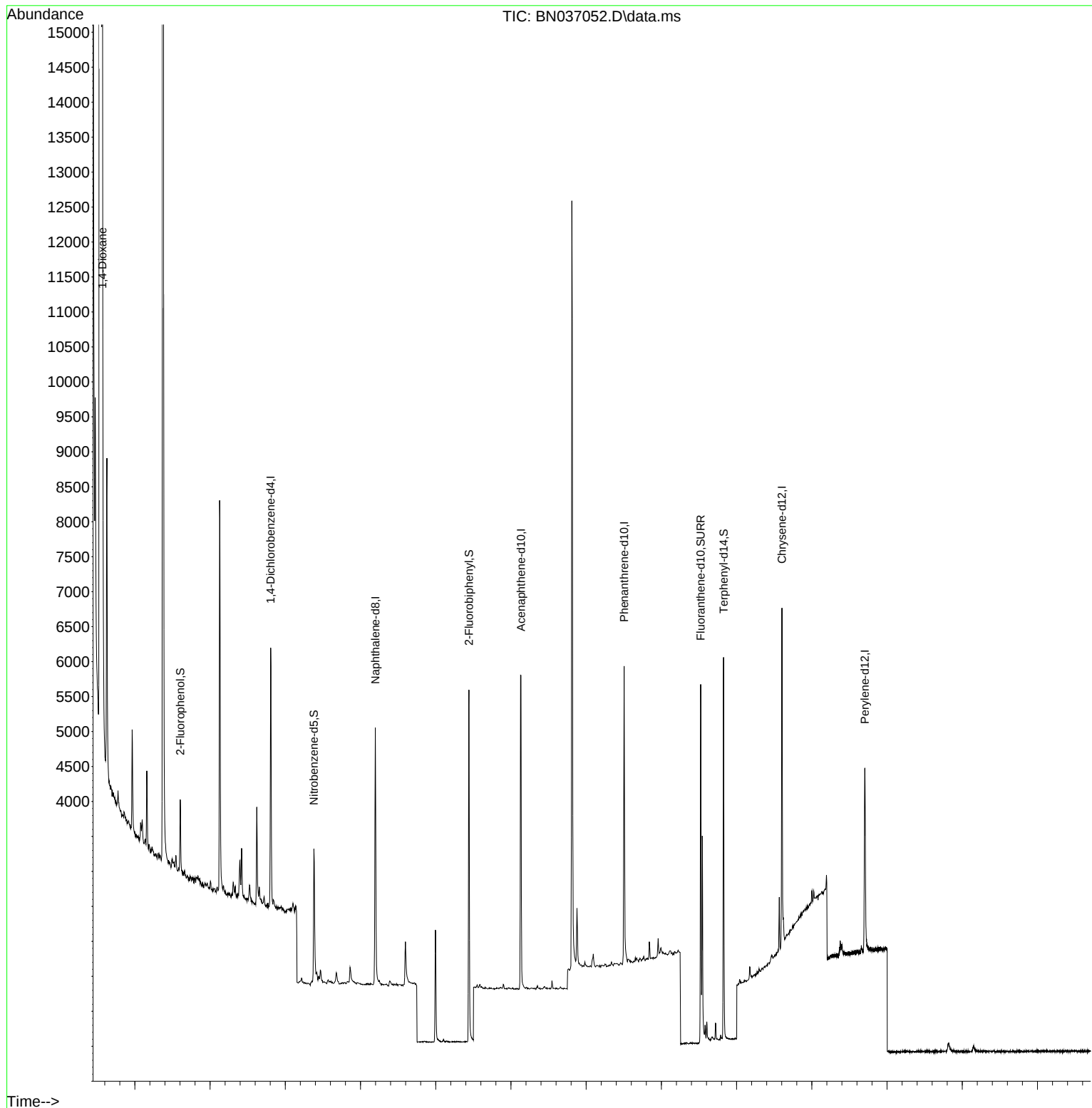
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1826	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4828	0.400	ng	#-0.01
13) Acenaphthene-d10	14.267	164	2874	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	5711	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	4467	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	3746	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	728	0.152	ng	0.00
5) Phenol-d6	6.795	99	487	0.081	ng	0.00
8) Nitrobenzene-d5	8.760	82	1855	0.353	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2366	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	461	0.365	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	4997	0.380	ng	0.00
27) Fluoranthene-d10	19.045	212	5904	0.377	ng	0.00
31) Terphenyl-d14	19.653	244	5080	0.532	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.133	88	9091	4.057	ng	Qvalue 95
6) bis(2-Chloroethyl)ether	7.048	93	144	0.026	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.135	149	775	0.075	ng	# 94

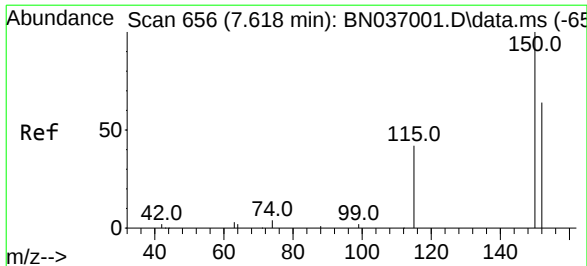
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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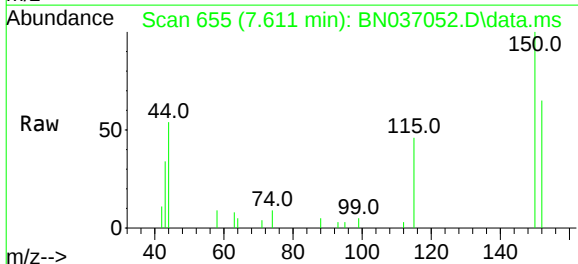
Quant Time: May 19 23:46:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
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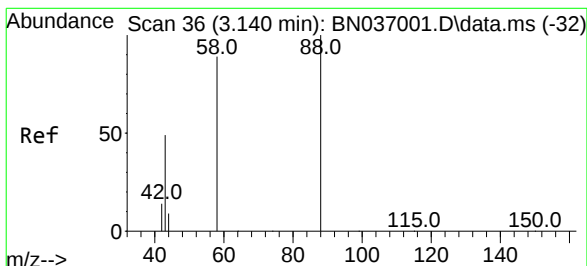
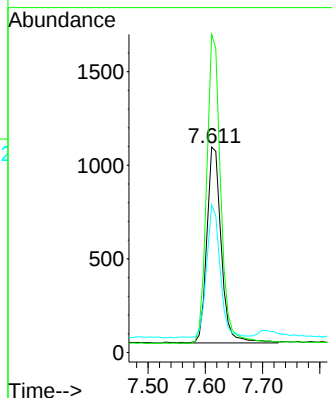
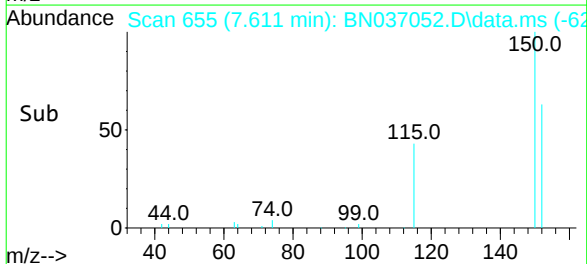


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 65
 Delta R.T. -0.007 min
 Lab File: BN037052.D
 Acq: 19 May 2025 19:16

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250514

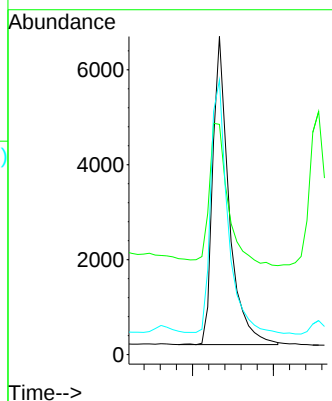
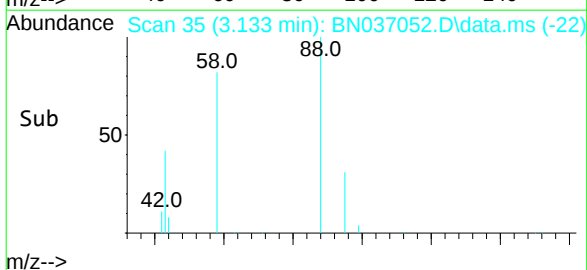
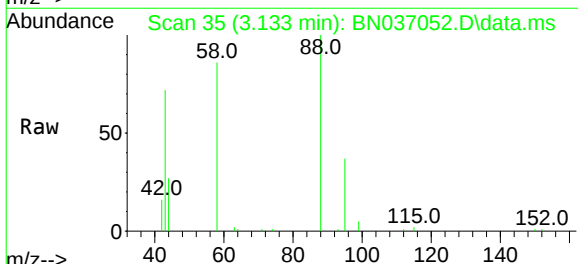


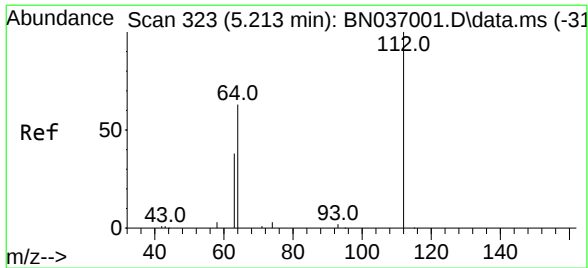
Tgt Ion: 152 Resp: 1826
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.9 185.9
 115 71.9 55.8 83.8



#2
 1,4-Dioxane
 Concen: 4.057 ng
 RT: 3.133 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN037052.D
 Acq: 19 May 2025 19:16

Tgt Ion: 88 Resp: 9091
 Ion Ratio Lower Upper
 88 100
 43 53.7 37.4 56.0
 58 84.8 68.8 103.2

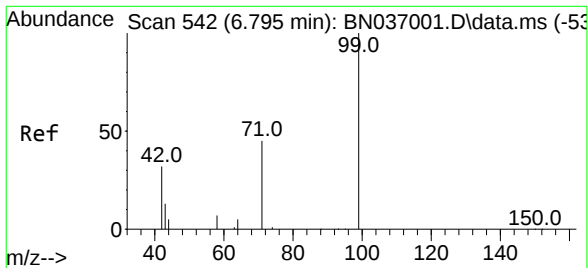
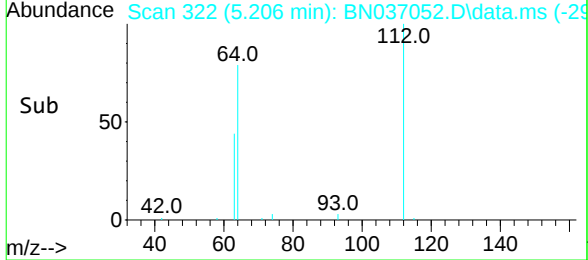
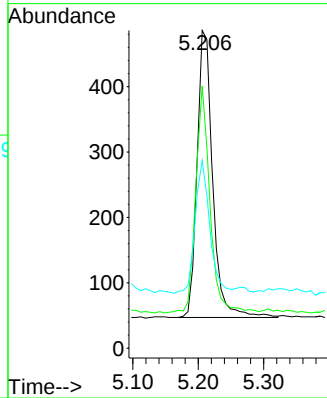
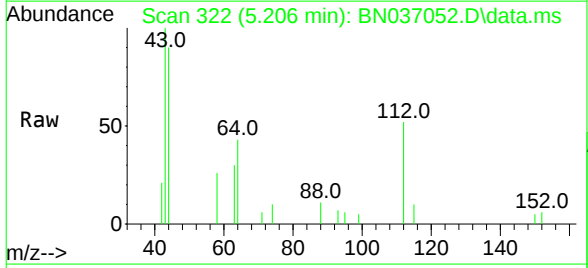




#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.206 min Scan# 32
Delta R.T. -0.007 min
Lab File: BN037052.D
Acq: 19 May 2025 19:16

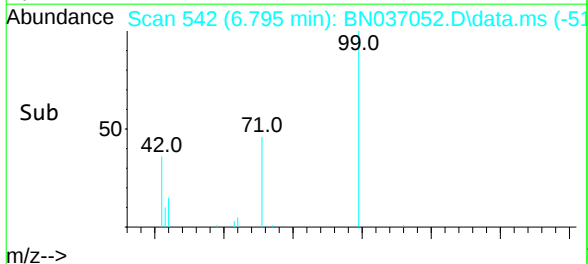
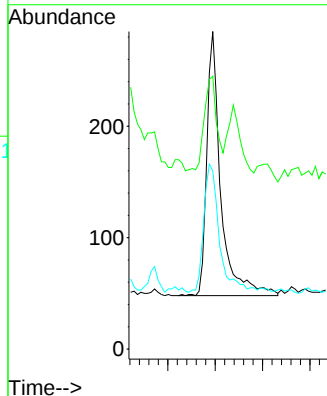
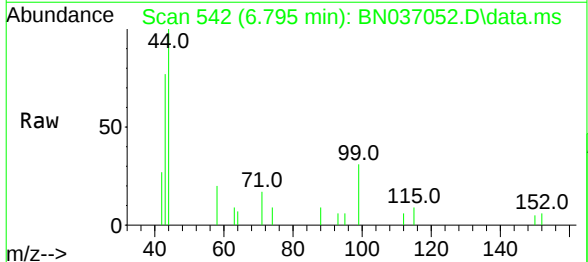
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250514

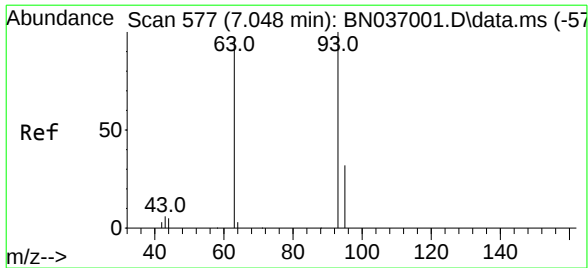
Tgt Ion:	112	Resp:	728
Ion	Ratio	Lower	Upper
112	100		
64	72.4	55.7	83.5
63	43.1	34.6	51.8



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.795 min Scan# 542
Delta R.T. -0.000 min
Lab File: BN037052.D
Acq: 19 May 2025 19:16

Tgt Ion:	99	Resp:	487
Ion	Ratio	Lower	Upper
99	100		
42	34.3	29.3	43.9
71	54.0	35.7	53.5

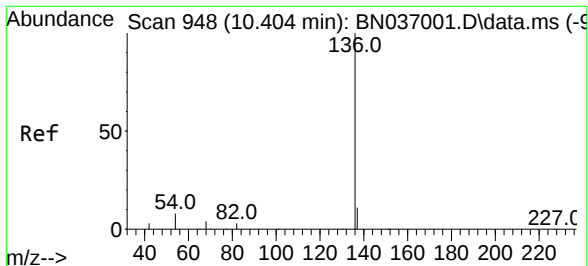
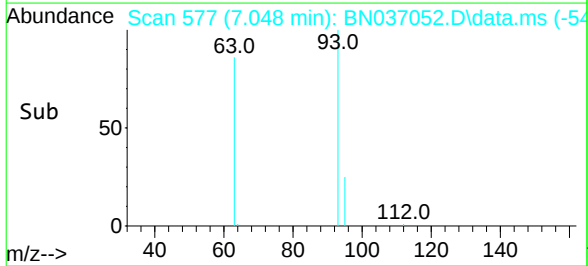
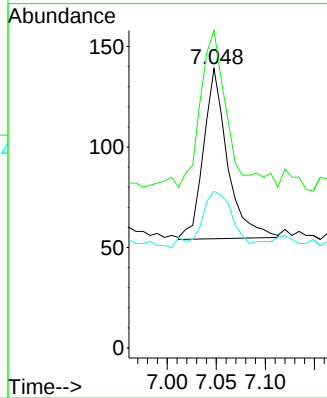
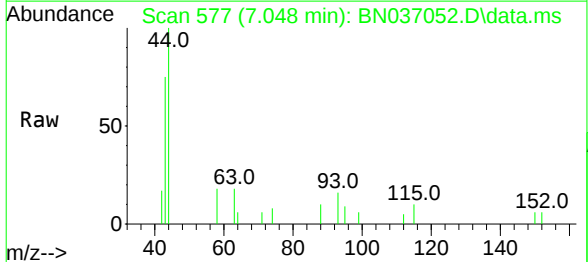




#6
bis(2-Chloroethyl)ether
Concen: 0.026 ng
RT: 7.048 min Scan# 57
Delta R.T. 0.000 min
Lab File: BN037052.D
Acq: 19 May 2025 19:16

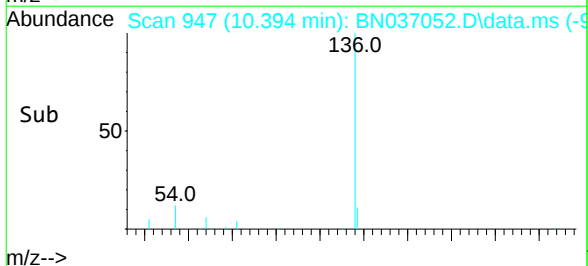
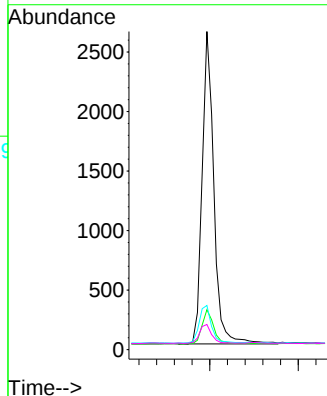
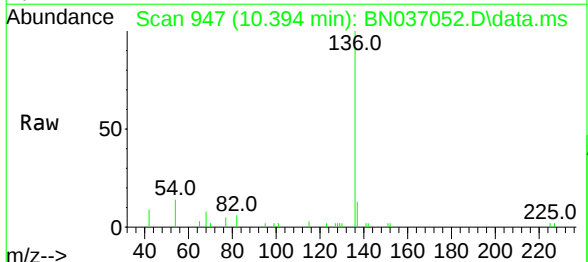
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250514

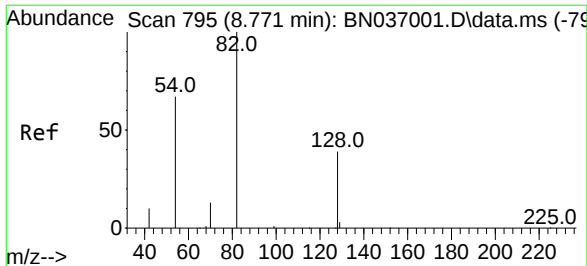
Tgt Ion:	93	Resp:	144
Ion	Ratio	Lower	Upper
93	100		
63	104.9	70.1	105.1
95	43.1	26.2	39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037052.D
Acq: 19 May 2025 19:16

Tgt Ion:	136	Resp:	4828
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.4	15.6
54	13.9	8.5	12.7
68	7.9	5.1	7.7

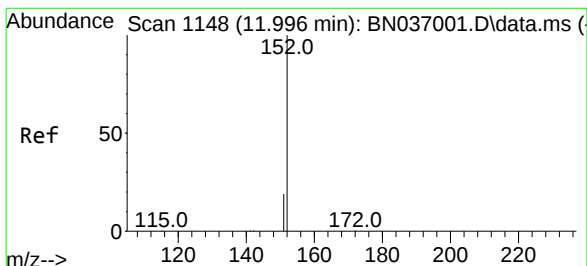
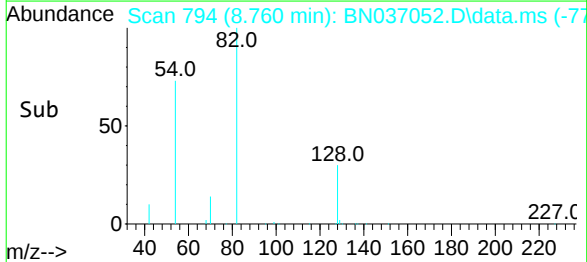
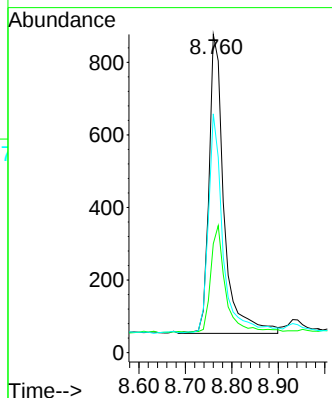
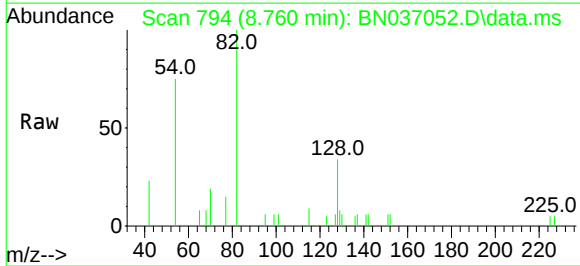




#8
 Nitrobenzene-d5
 Concen: 0.353 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BN037052.D
 Acq: 19 May 2025 19:16

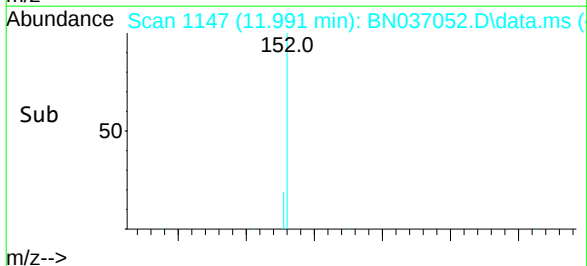
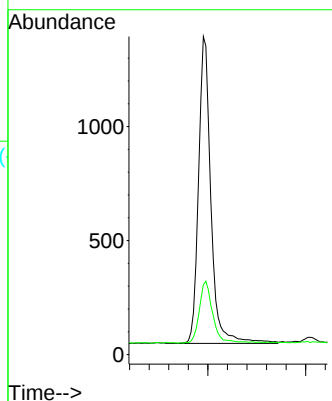
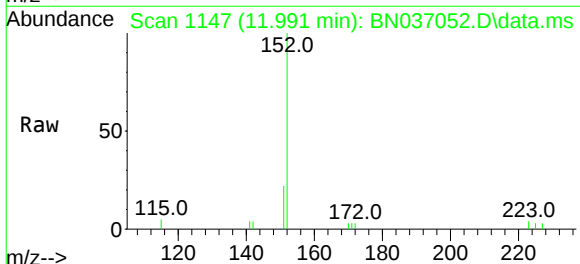
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250514

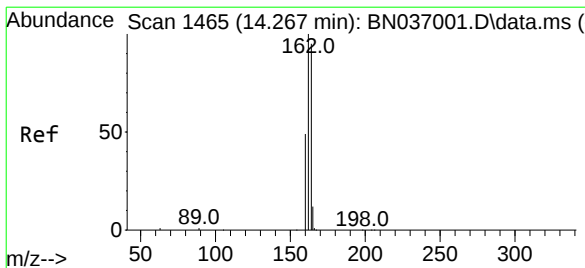
Tgt Ion:	82	Resp:	1855
Ion	Ratio	Lower	Upper
82	100		
128	34.2	34.0	51.0
54	75.0	55.0	82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.348 ng
 RT: 11.991 min Scan# 1147
 Delta R.T. -0.005 min
 Lab File: BN037052.D
 Acq: 19 May 2025 19:16

Tgt Ion:	152	Resp:	2366
Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.5	26.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.267 min Scan# 14

Delta R.T. 0.000 min

Lab File: BN037052.D

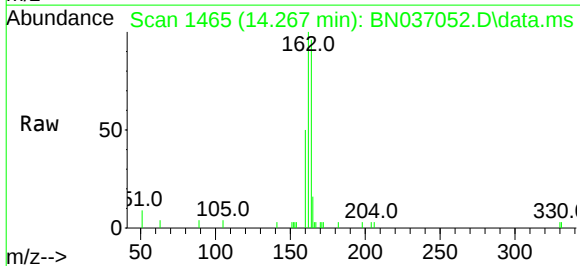
Acq: 19 May 2025 19:16

Instrument :

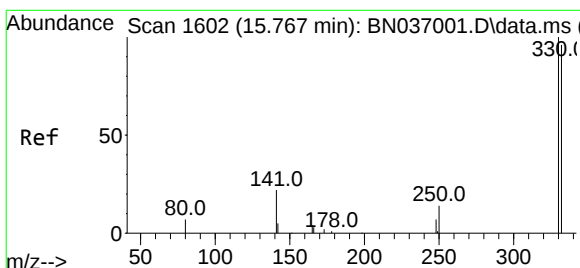
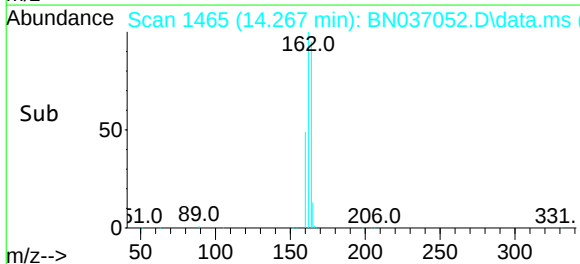
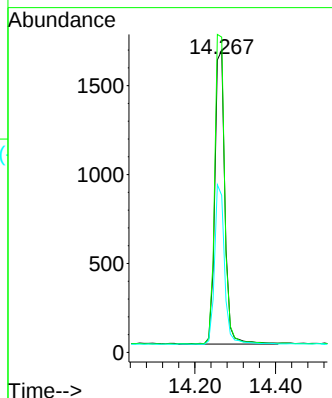
BNA_N

ClientSampleId :

RW7-SP100-20250514



Tgt Ion:	164	Resp:	2874
Ion	Ratio	Lower	Upper
164	100		
162	104.4	84.2	126.4
160	52.0	42.6	63.8



#14

2,4,6-Tribromophenol

Concen: 0.365 ng

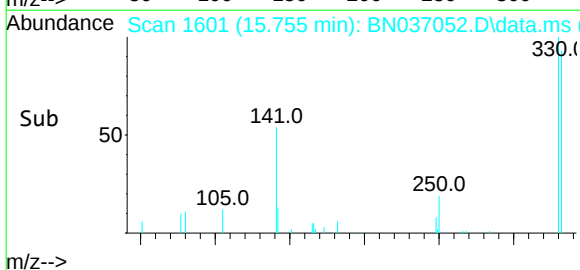
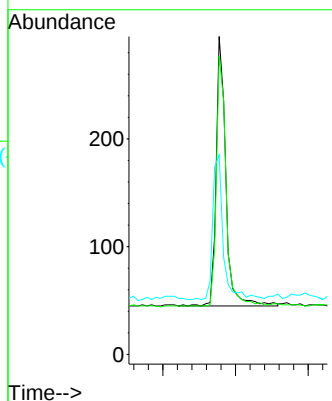
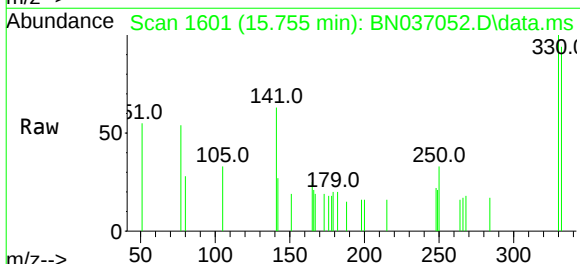
RT: 15.755 min Scan# 1601

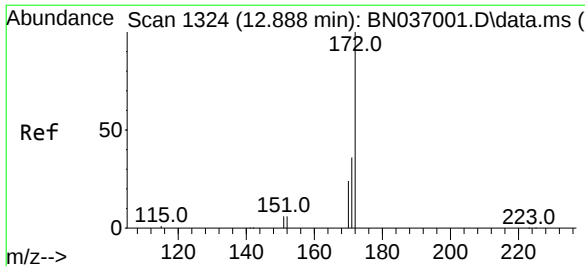
Delta R.T. -0.012 min

Lab File: BN037052.D

Acq: 19 May 2025 19:16

Tgt Ion:	330	Resp:	461
Ion	Ratio	Lower	Upper
330	100		
332	92.4	73.8	110.8
141	58.4	43.9	65.9





#15

2-Fluorobiphenyl

Concen: 0.380 ng

RT: 12.883 min Scan# 13

Delta R.T. -0.005 min

Lab File: BN037052.D

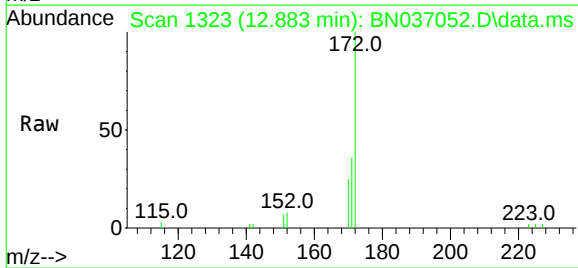
Acq: 19 May 2025 19:16

Instrument :

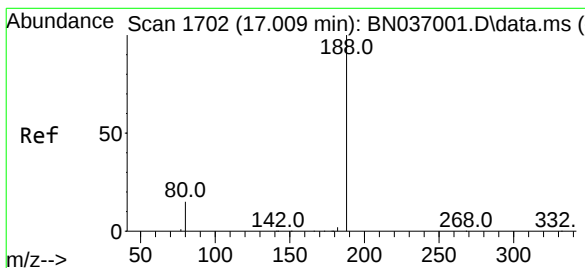
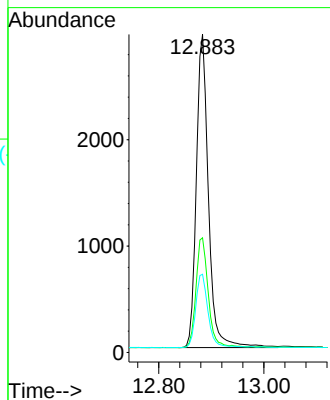
BNA_N

ClientSampleId :

RW7-SP100-20250514



Tgt Ion:	172	Resp:	4997
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.2	43.8
170	24.6	20.5	30.7



#19

Phenanthrene-d10

Concen: 0.400 ng

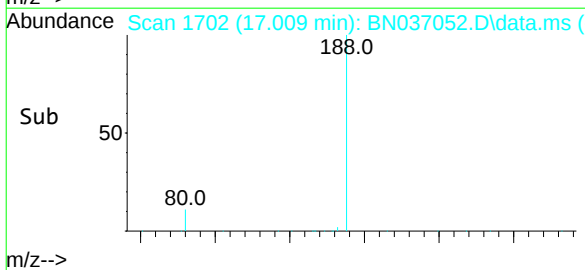
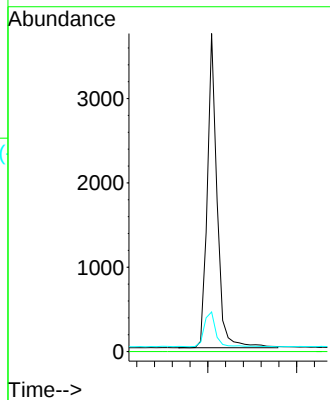
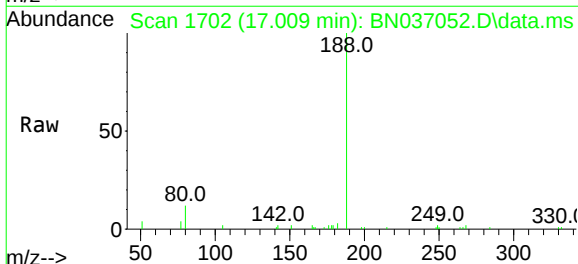
RT: 17.009 min Scan# 1702

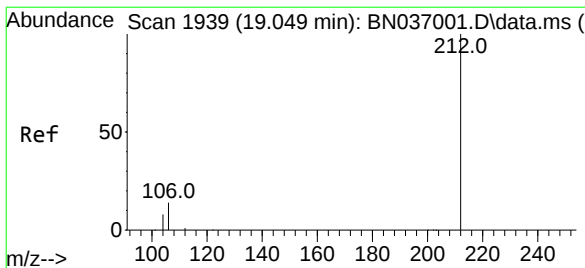
Delta R.T. 0.000 min

Lab File: BN037052.D

Acq: 19 May 2025 19:16

Tgt Ion:	188	Resp:	5711
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.5	13.4	20.0





#27

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.045 min Scan# 19

Delta R.T. -0.005 min

Lab File: BN037052.D

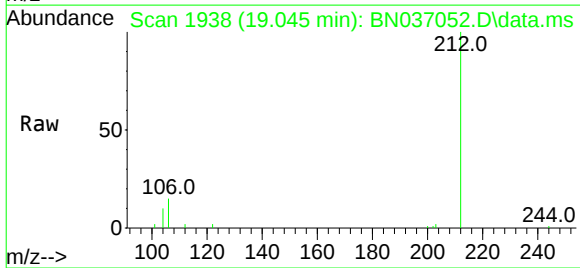
Acq: 19 May 2025 19:16

Instrument :

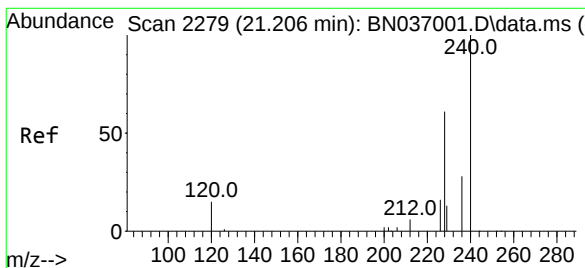
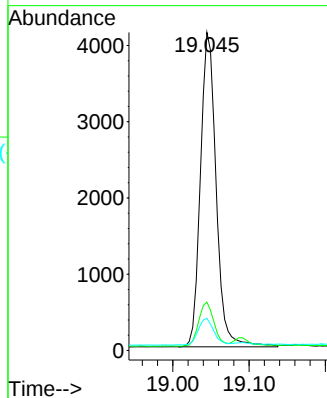
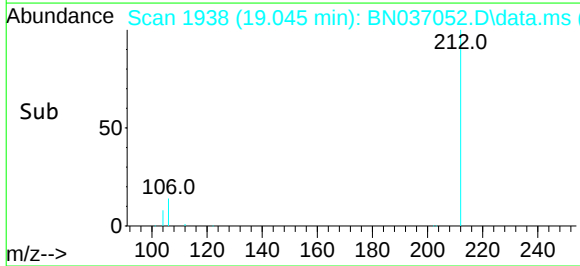
BNA_N

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Tgt Ion:	212	Resp:	5904
Ion Ratio	Lower	Upper	
212	100		
106	13.7	11.3	16.9
104	8.5	6.7	10.1



#29

Chrysene-d12

Concen: 0.400 ng

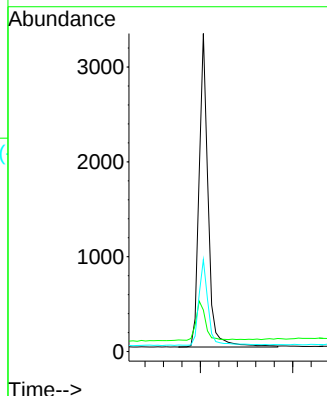
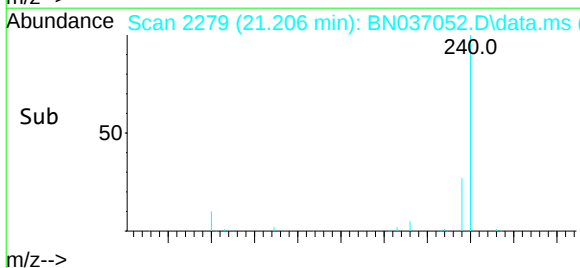
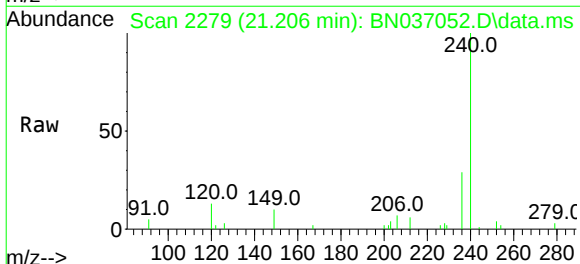
RT: 21.206 min Scan# 2279

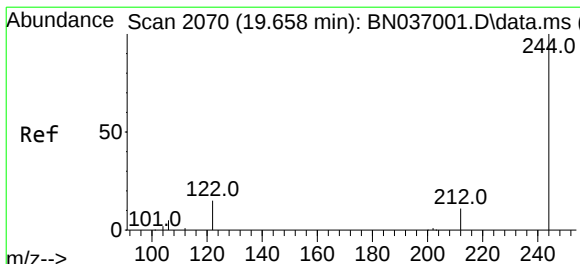
Delta R.T. 0.000 min

Lab File: BN037052.D

Acq: 19 May 2025 19:16

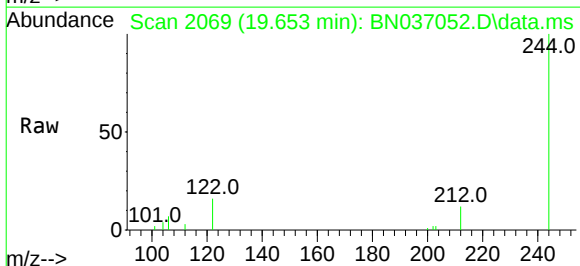
Tgt Ion:	240	Resp:	4467
Ion Ratio	Lower	Upper	
240	100		
120	13.1	15.1	22.7#
236	28.9	24.0	36.0



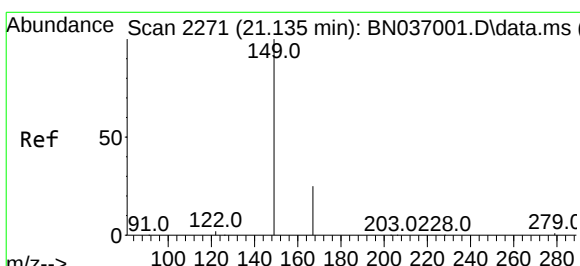
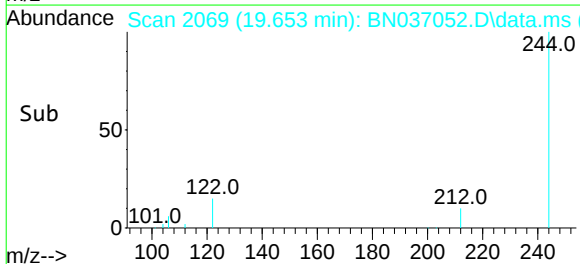
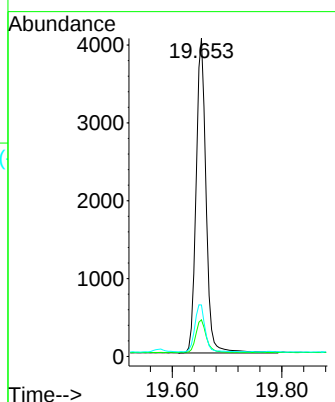


#31
 Terphenyl-d14
 Concen: 0.532 ng
 RT: 19.653 min Scan# 2069
 Delta R.T. -0.005 min
 Lab File: BN037052.D
 Acq: 19 May 2025 19:16

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250514

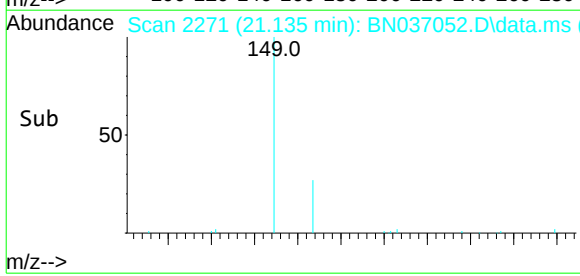
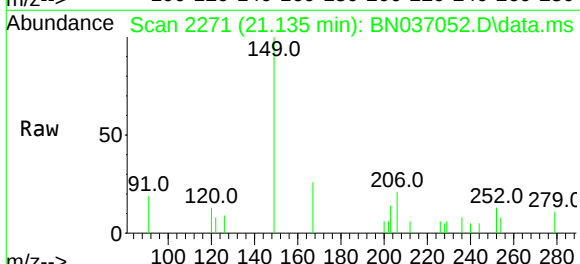
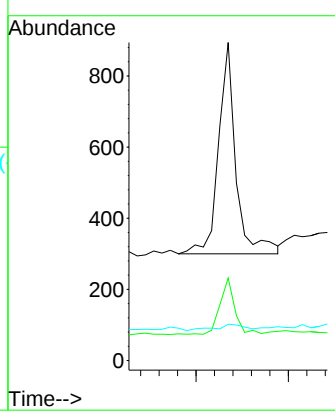


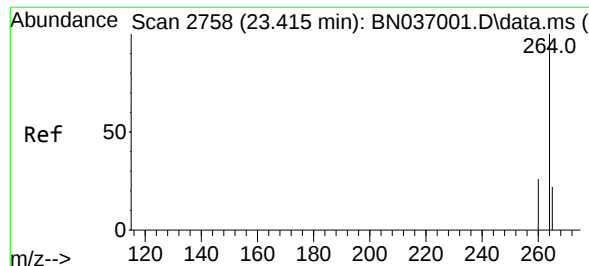
Tgt Ion:	244	Resp:	5080
Ion	Ratio	Lower	Upper
244	100		
212	11.5	9.7	14.5
122	16.2	13.4	20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.135 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BN037052.D
 Acq: 19 May 2025 19:16

Tgt Ion:	149	Resp:	775
Ion	Ratio	Lower	Upper
149	100		
167	22.5	20.6	30.8
279	5.0	2.6	3.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.409 min Scan# 27

Delta R.T. -0.006 min

Lab File: BN037052.D

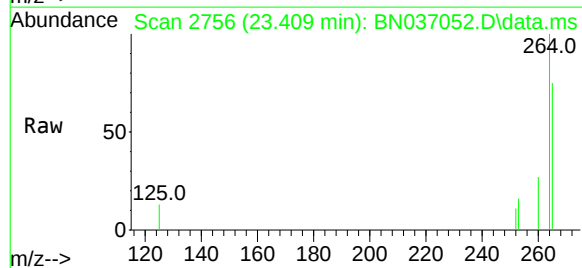
Acq: 19 May 2025 19:16

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250514



Tgt Ion:264 Resp: 3746

Ion Ratio Lower Upper

264 100

260 26.9 21.9 32.9

265 74.8 51.6 77.4

