

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037044.D
 Acq On : 19 May 2025 14:26
 Operator : RC/JU
 Sample : Q2064-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-90-20250514

Quant Time: May 19 15:01:10 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)

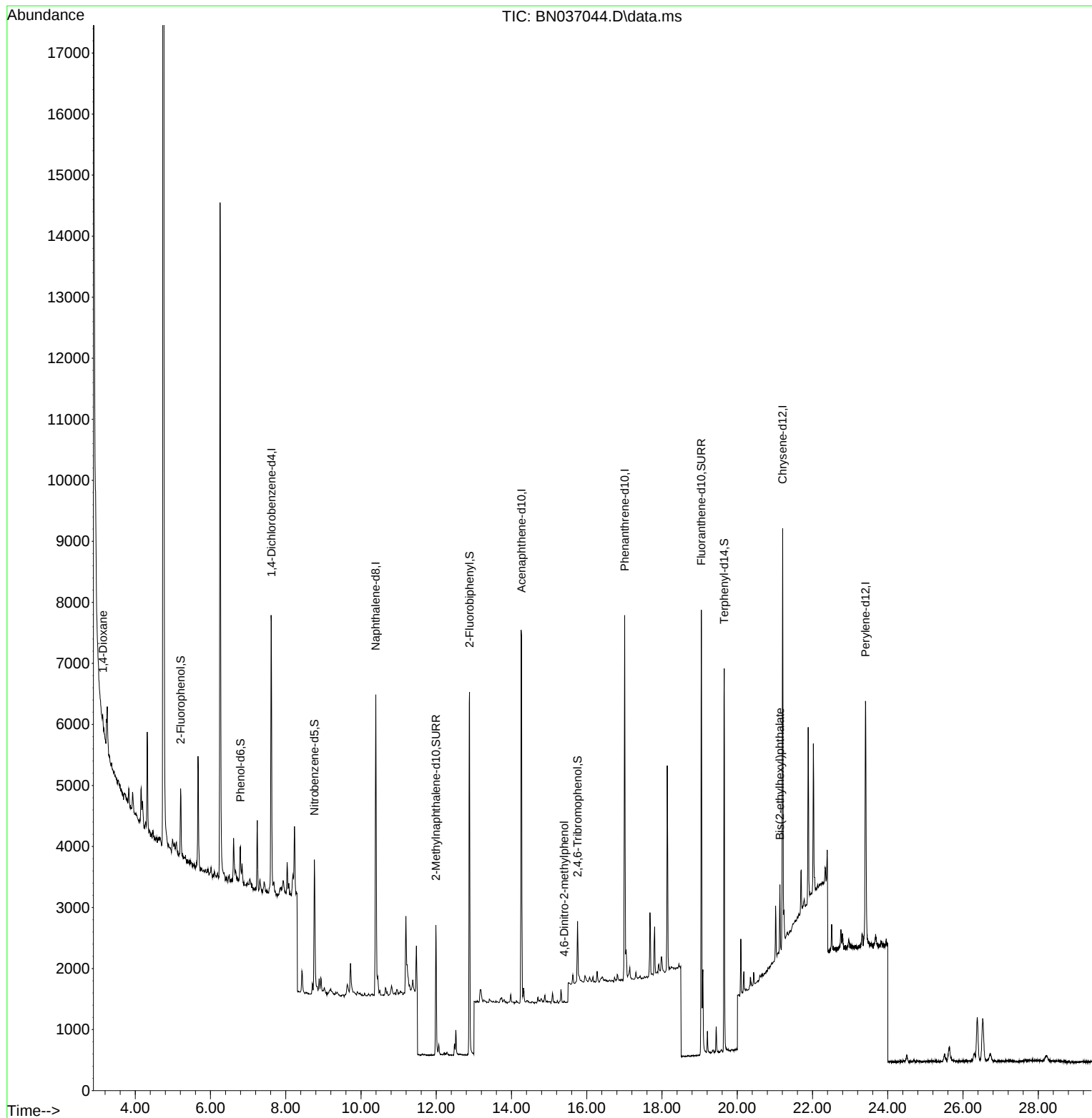
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2321	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	6299	0.400	ng	#-0.01
13) Acenaphthene-d10	14.267	164	3791	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	7488	0.400	ng	# 0.00
29) Chrysene-d12	21.207	240	5983	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	5445	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	817	0.134	ng	0.00
5) Phenol-d6	6.795	99	576	0.076	ng	0.00
8) Nitrobenzene-d5	8.760	82	2065	0.301	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2981	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	511	0.307	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	5728	0.330	ng	0.00
27) Fluoranthene-d10	19.045	212	7940	0.387	ng	0.00
31) Terphenyl-d14	19.653	244	5970	0.467	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.141	88	150	0.053	ng	# 48
20) 4,6-Dinitro-2-methylph...	15.400	198	3	0.026	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.135	149	1011	0.073	ng	99

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

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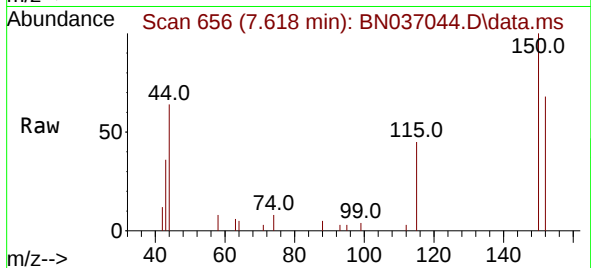
Quant Time: May 19 15:01:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



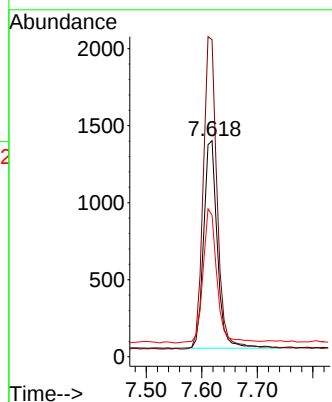
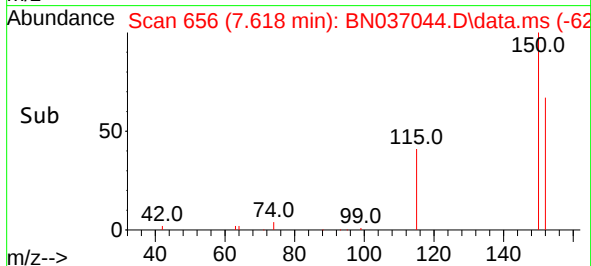


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.618 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037044.D
 Acq: 19 May 2025 14:26

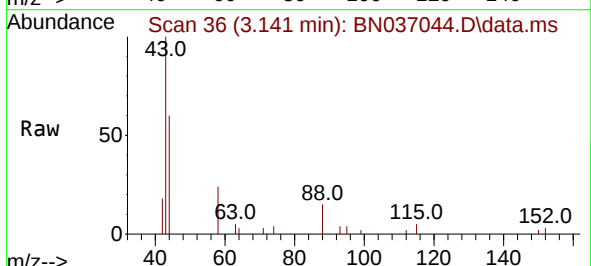
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-90-20250514



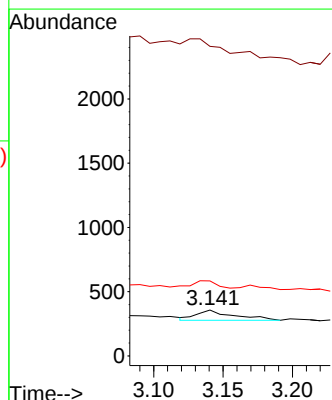
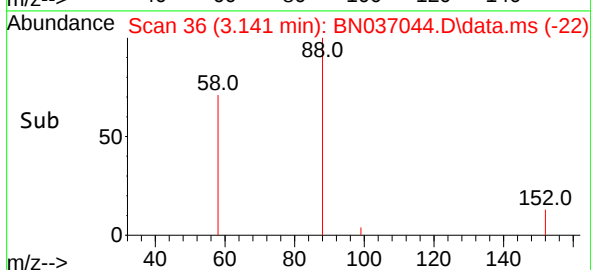
Tgt Ion:152 Resp: 2321
 Ion Ratio Lower Upper
 152 100
 150 146.7 123.9 185.9
 115 65.6 55.8 83.8

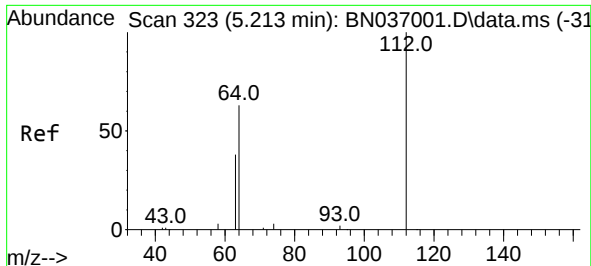


#2
 1,4-Dioxane
 Concen: 0.053 ng
 RT: 3.141 min Scan# 36
 Delta R.T. 0.001 min
 Lab File: BN037044.D
 Acq: 19 May 2025 14:26



Tgt Ion: 88 Resp: 150
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.4 56.0#
 58 47.3 68.8 103.2#





#4

2-Fluorophenol

Concen: 0.134 ng

RT: 5.206 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN037044.D

Acq: 19 May 2025 14:26

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-90-20250514

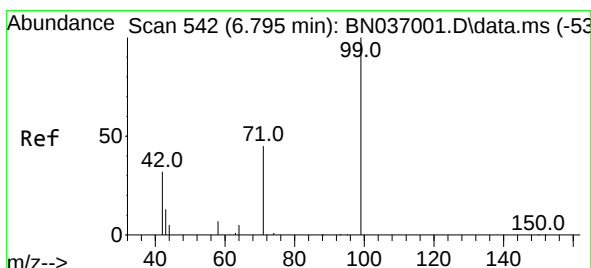
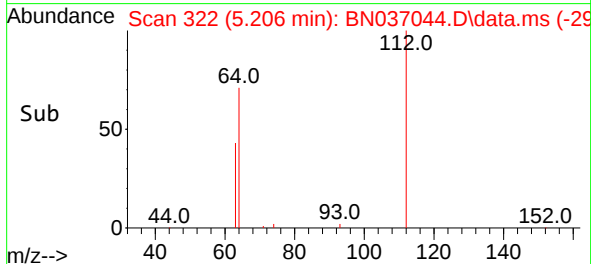
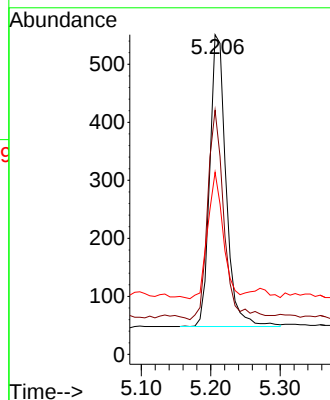
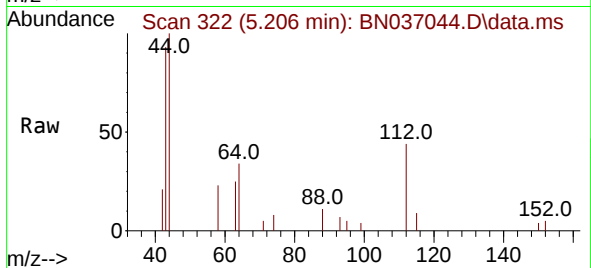
Tgt Ion:112 Resp: 817

Ion Ratio Lower Upper

112 100

64 72.8 55.7 83.5

63 41.0 34.6 51.8



#5

Phenol-d6

Concen: 0.076 ng

RT: 6.795 min Scan# 542

Delta R.T. -0.000 min

Lab File: BN037044.D

Acq: 19 May 2025 14:26

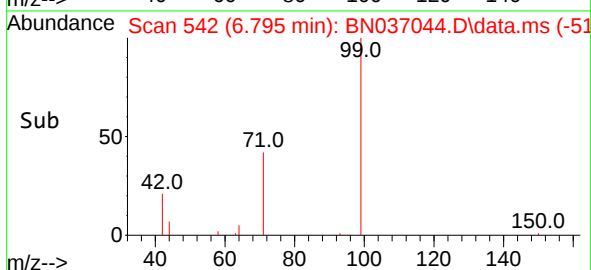
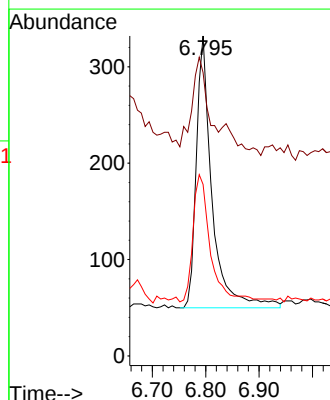
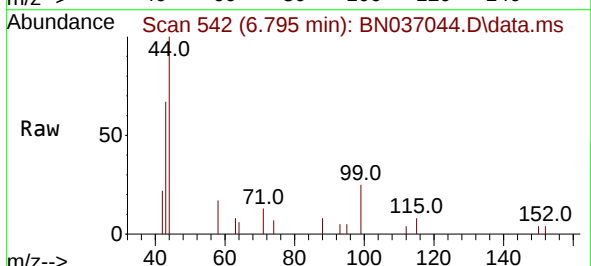
Tgt Ion: 99 Resp: 576

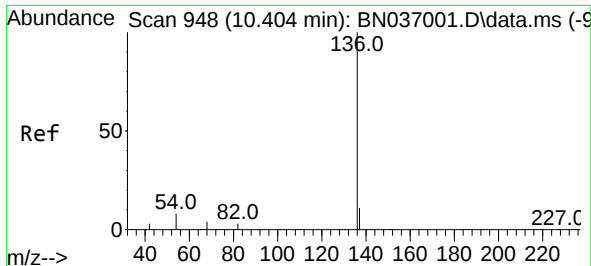
Ion Ratio Lower Upper

99 100

42 31.4 29.3 43.9

71 52.8 35.7 53.5

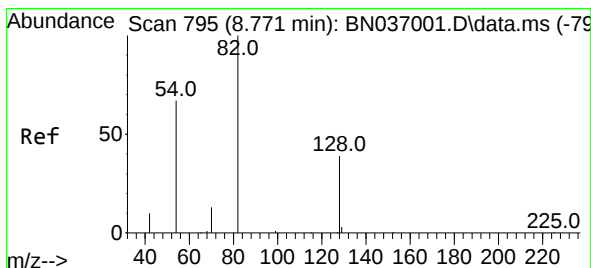
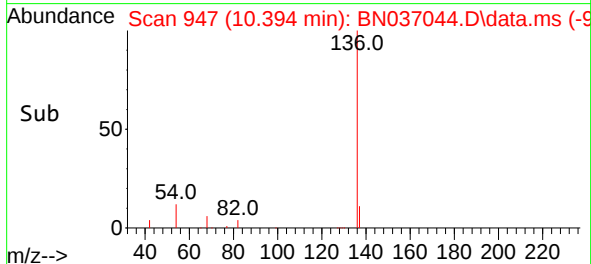
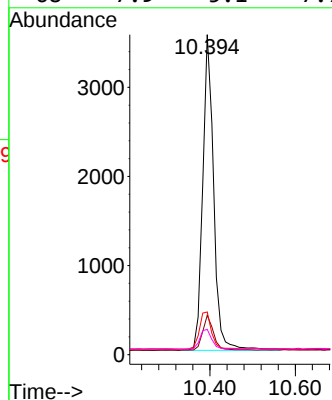
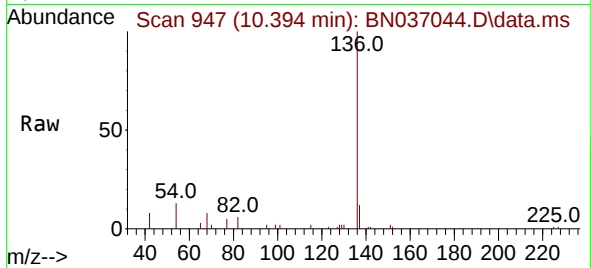




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037044.D
Acq: 19 May 2025 14:26

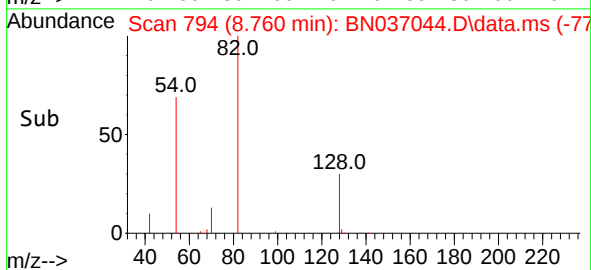
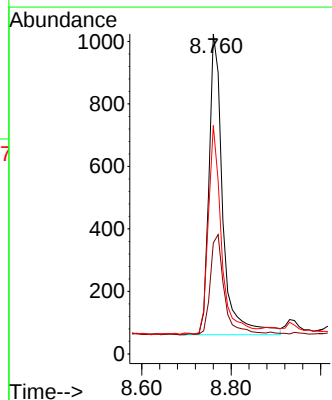
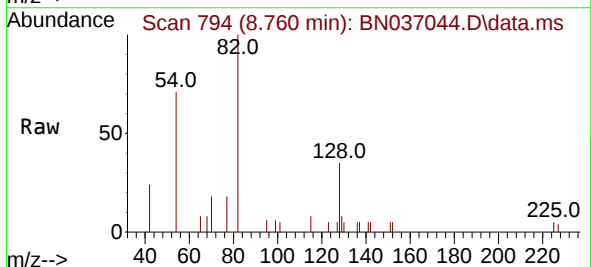
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-90-20250514

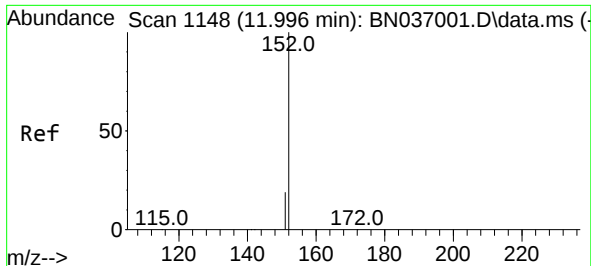
Tgt Ion:	136	Resp:	6299
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.4	15.6
54	13.3	8.5	12.7#
68	7.9	5.1	7.7#



#8
Nitrobenzene-d5
Concen: 0.301 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037044.D
Acq: 19 May 2025 14:26

Tgt Ion:	82	Resp:	2065
Ion	Ratio	Lower	Upper
82	100		
128	34.7	34.0	51.0
54	71.4	55.0	82.4

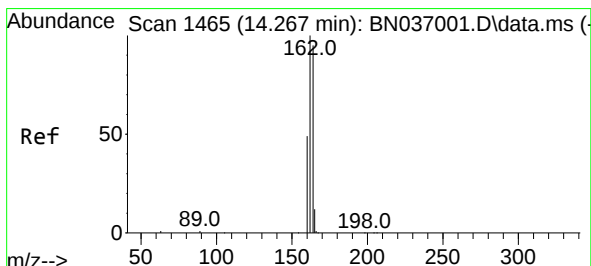
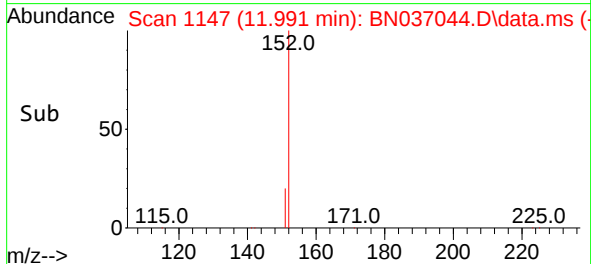
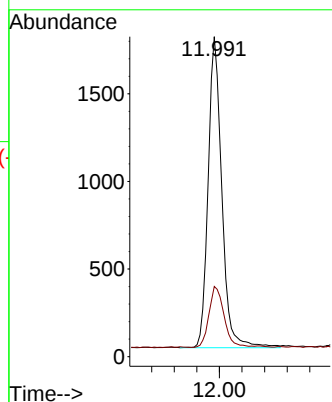
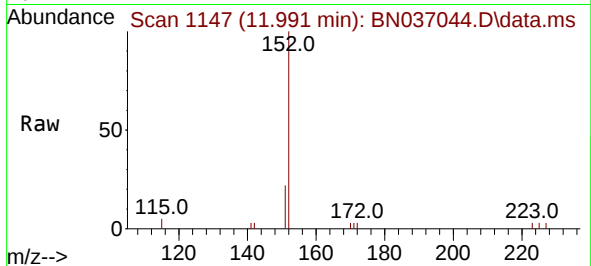




#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037044.D
Acq: 19 May 2025 14:26

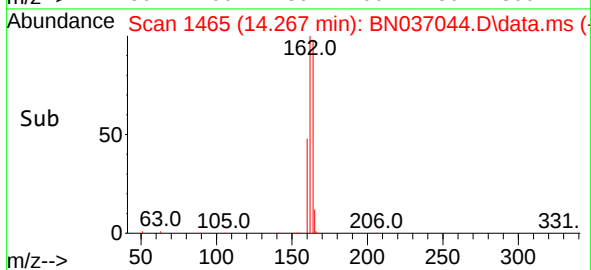
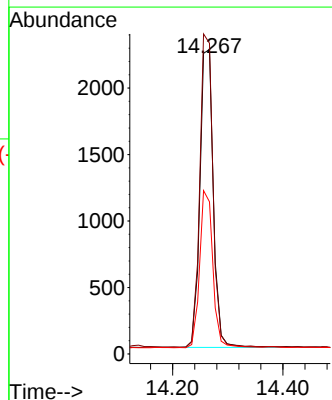
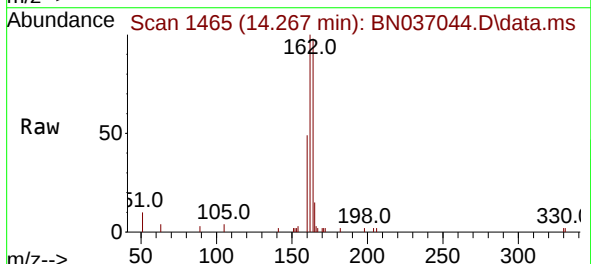
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-90-20250514

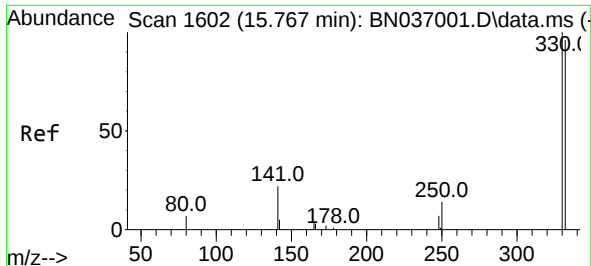
Tgt Ion:152 Resp: 2981
Ion Ratio Lower Upper
152 100
151 21.6 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN037044.D
Acq: 19 May 2025 14:26

Tgt Ion:164 Resp: 3791
Ion Ratio Lower Upper
164 100
162 102.1 84.2 126.4
160 50.0 42.6 63.8

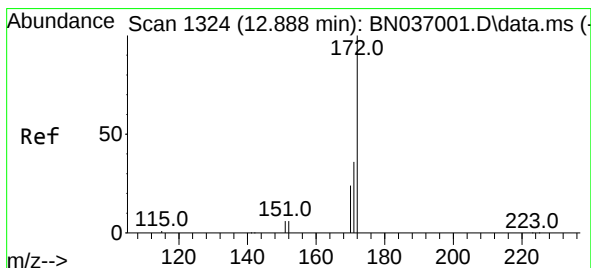
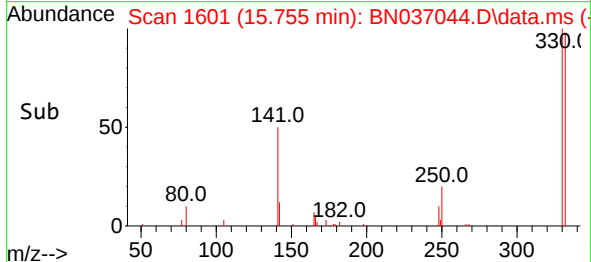
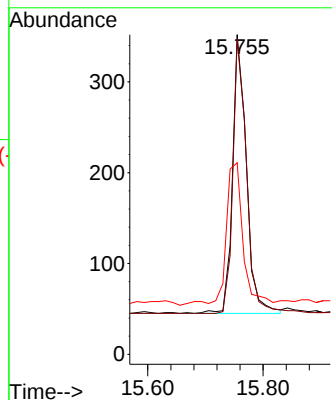
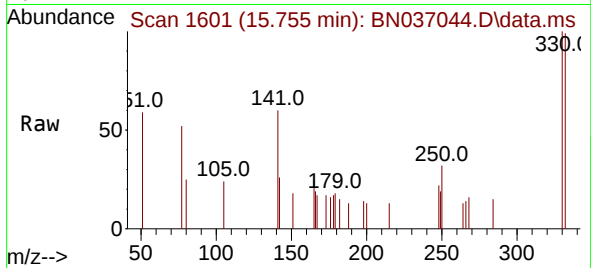




#14
2,4,6-Tribromophenol
Concen: 0.307 ng
RT: 15.755 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037044.D
Acq: 19 May 2025 14:26

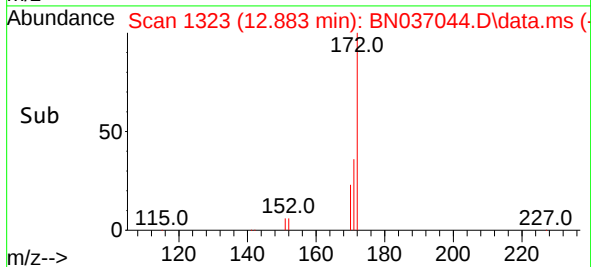
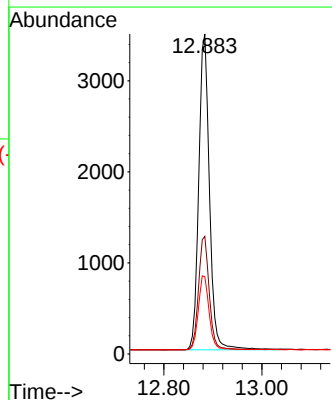
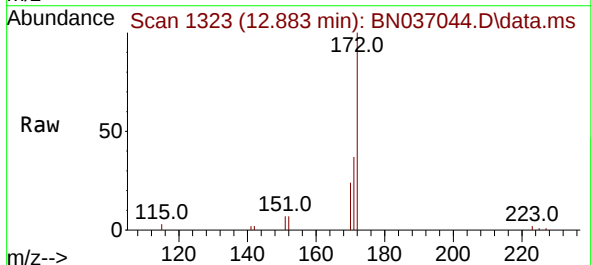
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-90-20250514

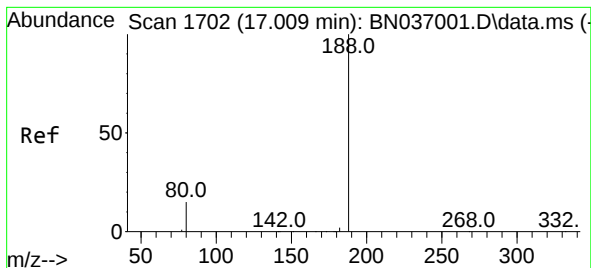
Tgt Ion:330 Resp: 511
Ion Ratio Lower Upper
330 100
332 97.8 73.8 110.8
141 63.2 43.9 65.9



#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.883 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BN037044.D
Acq: 19 May 2025 14:26

Tgt Ion:172 Resp: 5728
Ion Ratio Lower Upper
172 100
171 36.8 29.2 43.8
170 24.2 20.5 30.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN037044.D

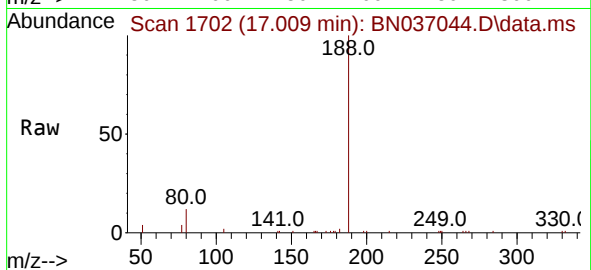
Acq: 19 May 2025 14:26

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-90-20250514



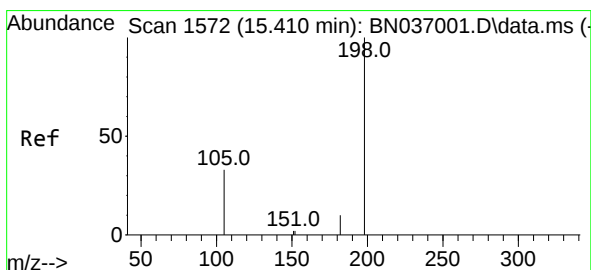
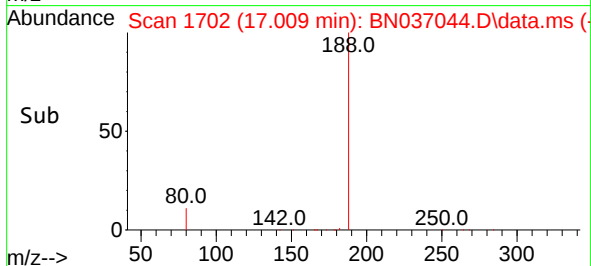
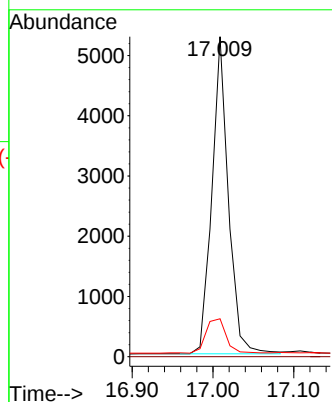
Tgt Ion:188 Resp: 7488

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 13.4 20.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.026 ng

RT: 15.400 min Scan# 1571

Delta R.T. -0.010 min

Lab File: BN037044.D

Acq: 19 May 2025 14:26

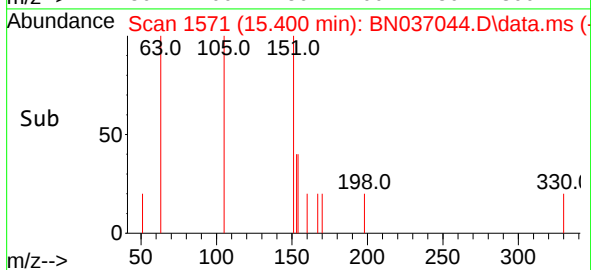
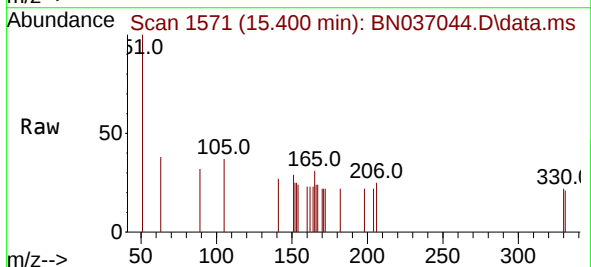
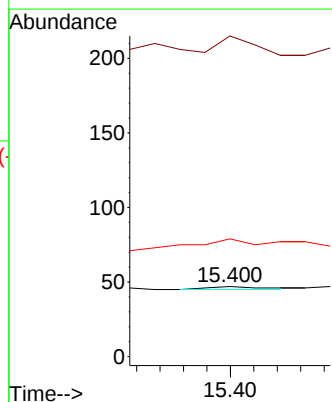
Tgt Ion:198 Resp: 3

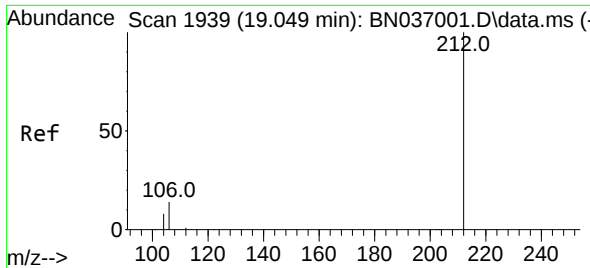
Ion Ratio Lower Upper

198 100

51 457.4 87.8 131.6#

105 168.1 44.2 66.4#

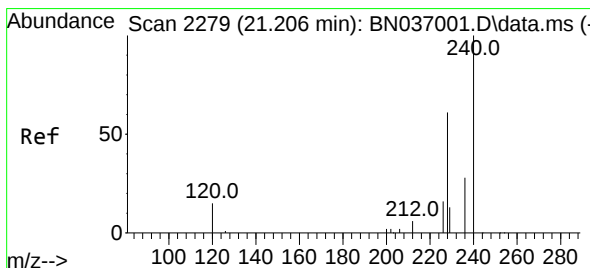
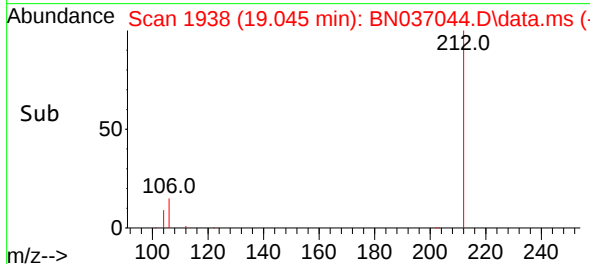
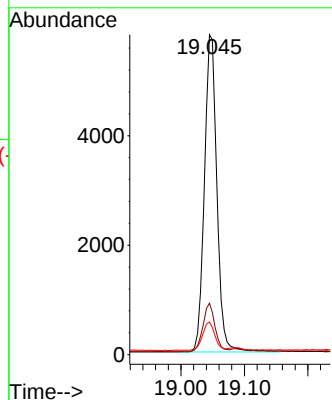
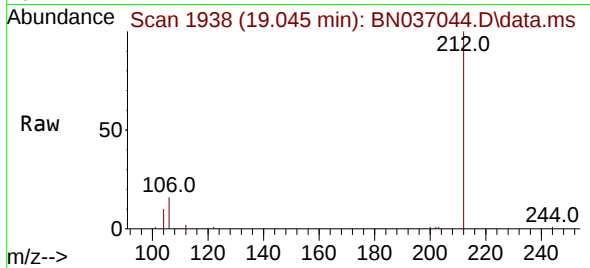




#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037044.D
Acq: 19 May 2025 14:26

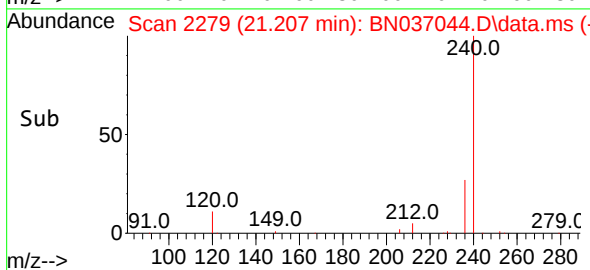
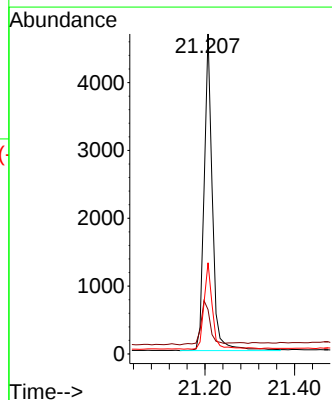
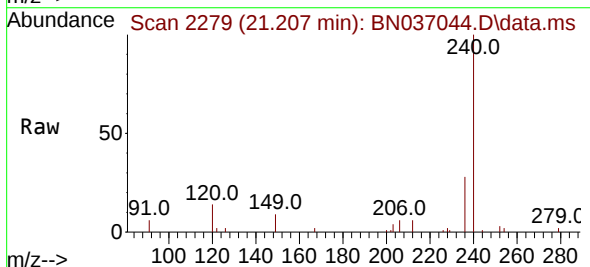
Instrument :
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RW8-SP100-90-20250514

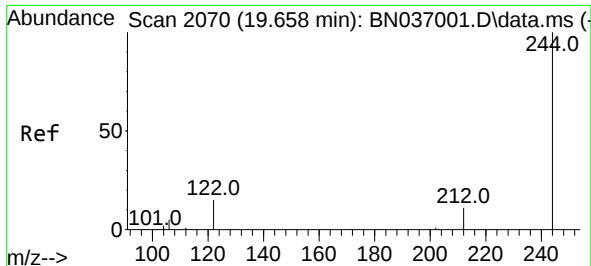
Tgt Ion:212 Resp: 7940
Ion Ratio Lower Upper
212 100
106 14.5 11.3 16.9
104 8.6 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.207 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BN037044.D
Acq: 19 May 2025 14:26

Tgt Ion:240 Resp: 5983
Ion Ratio Lower Upper
240 100
120 13.8 15.1 22.7#
236 28.5 24.0 36.0

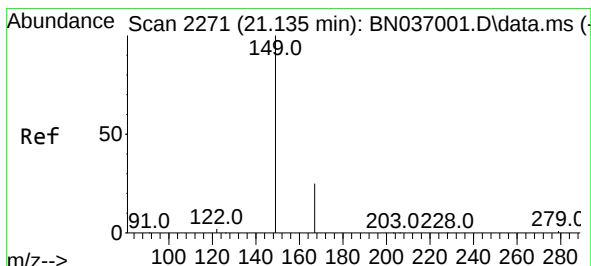
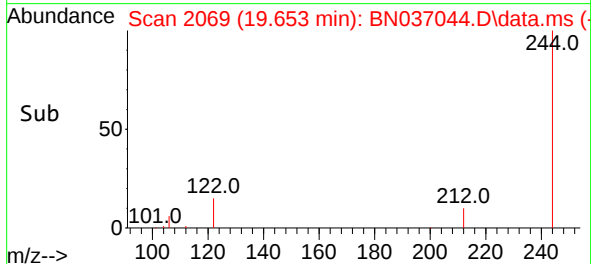
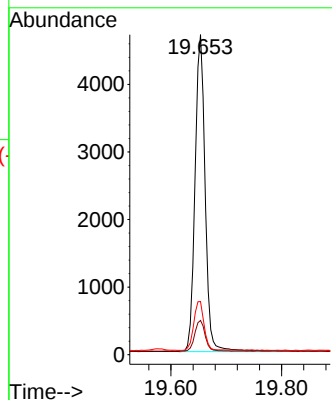
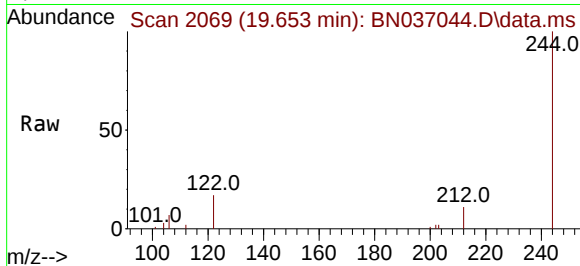




#31
 Terphenyl-d14
 Concen: 0.467 ng
 RT: 19.653 min Scan# 2070
 Delta R.T. -0.005 min
 Lab File: BN037044.D
 Acq: 19 May 2025 14:26

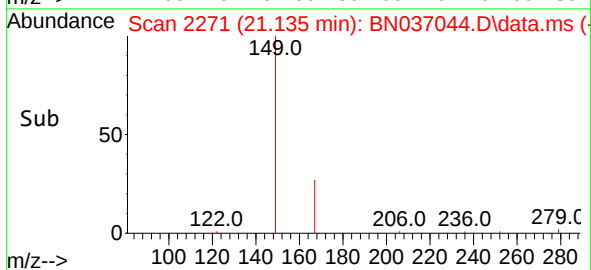
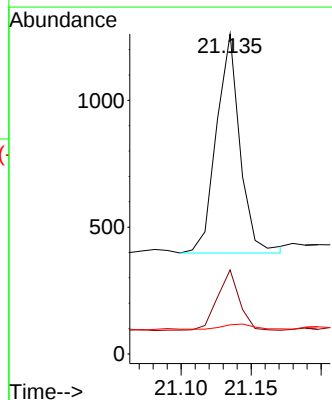
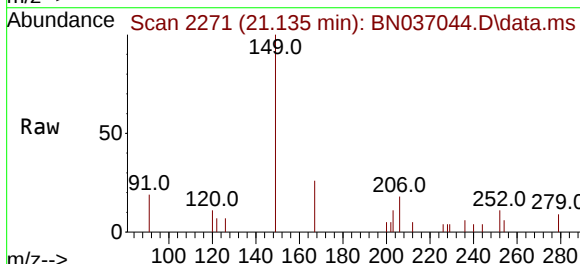
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-90-20250514

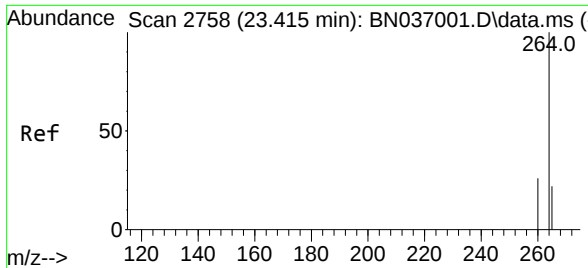
Tgt Ion:244 Resp: 5970
 Ion Ratio Lower Upper
 244 100
 212 10.7 9.7 14.5
 122 16.6 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.073 ng
 RT: 21.135 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BN037044.D
 Acq: 19 May 2025 14:26

Tgt Ion:149 Resp: 1011
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.6 30.8
 279 3.0 2.6 3.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.409 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037044.D
Acq: 19 May 2025 14:26

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-90-20250514

Tgt Ion:	264	Resp:	5445
Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.9	32.9
265	65.6	51.6	77.4

