

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
 Data File : BN034162.D
 Acq On : 23 Sep 2024 12:30
 Operator : JU/RC
 Sample : P4116-13DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20240917DL

Quant Time: Sep 23 13:06:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

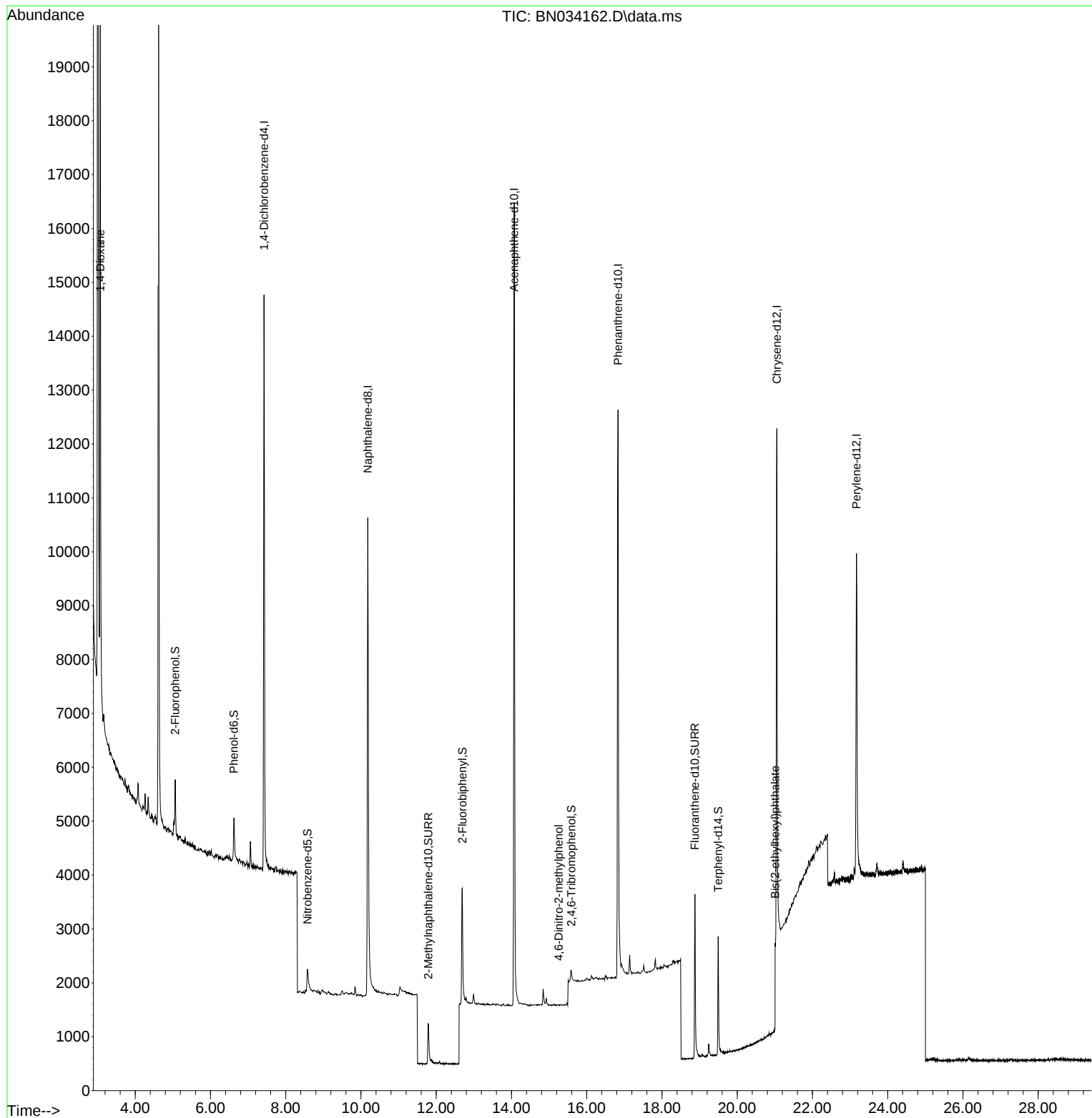
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5245	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	14346	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	8894	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	18090	0.400	ng	0.00
29) Chrysene-d12	21.053	240	11026	0.400	ng	0.00
35) Perylene-d12	23.171	264	9134	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.061	112	789	0.053	ng	-0.01
5) Phenol-d6	6.622	99	916	0.053	ng	-0.01
8) Nitrobenzene-d5	8.578	82	660	0.060	ng	0.00
11) 2-Methylnaphthalene-d10	11.787	152	1453	0.069	ng	0.00
14) 2,4,6-Tribromophenol	15.592	330	197	0.049	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	2792	0.077	ng	0.00
27) Fluoranthene-d10	18.876	212	3885	0.085	ng	-0.01
31) Terphenyl-d14	19.494	244	2475	0.112	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	7670	1.170	ng	# 82
20) 4,6-Dinitro-2-methylph...	15.259	198	6	0.140	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	751	0.052	ng	# 95

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

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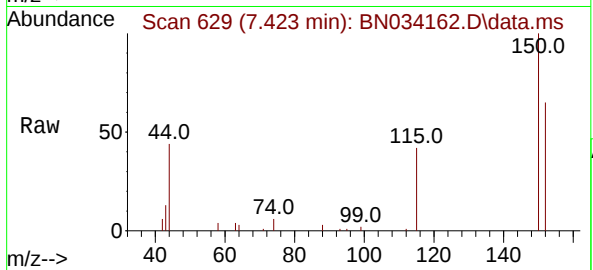
Quant Time: Sep 23 13:06:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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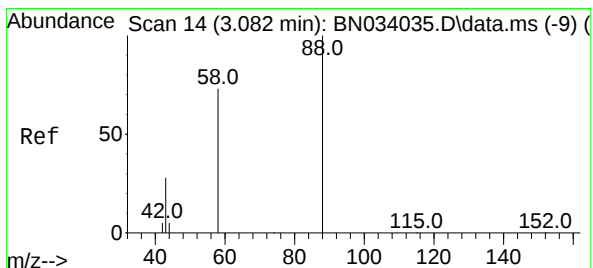
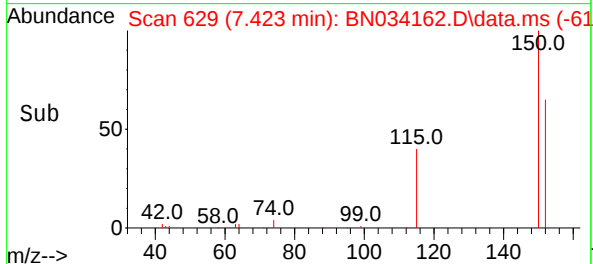
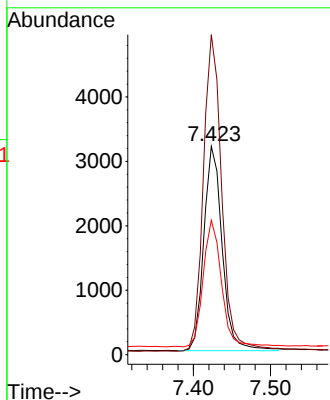


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

Instrument :
BNA_N
ClientSampleId :
RE125D1-20240917DL

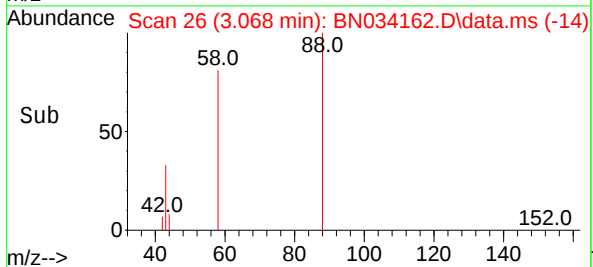
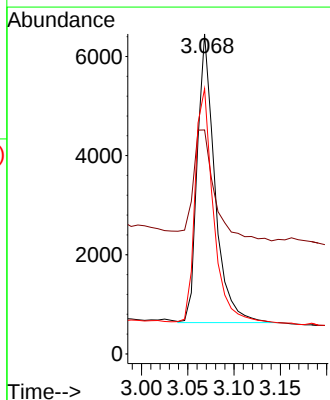
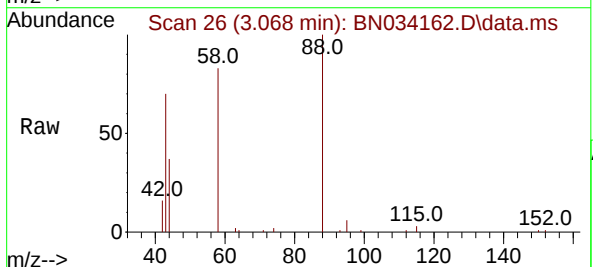


Tgt Ion:152 Resp: 5245
Ion Ratio Lower Upper
152 100
150 153.6 124.6 187.0
115 64.5 50.0 75.0



#2
1,4-Dioxane
Concen: 1.170 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

Tgt Ion: 88 Resp: 7670
Ion Ratio Lower Upper
88 100
43 46.8 25.8 38.8#
58 85.5 58.8 88.2

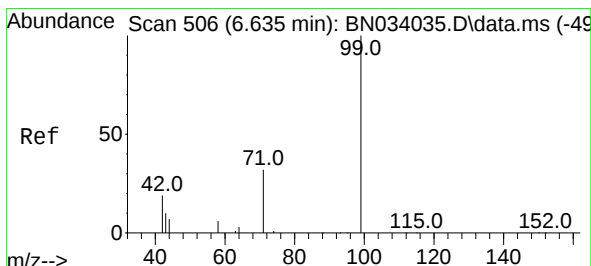
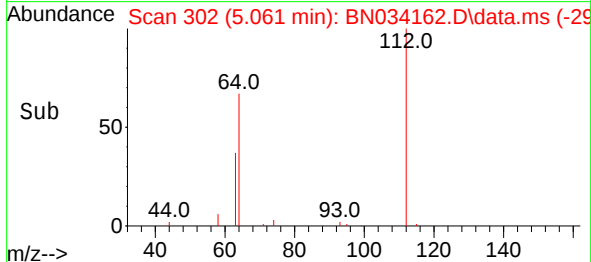
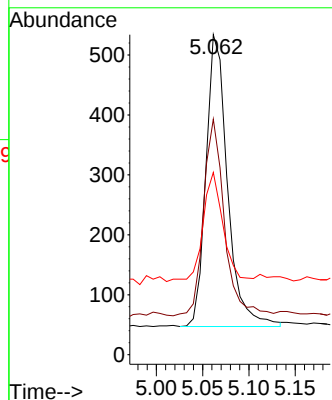
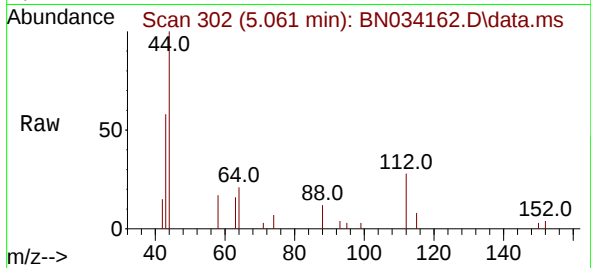




#4
2-Fluorophenol
Concen: 0.053 ng
RT: 5.061 min Scan# 302
Delta R.T. -0.013 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

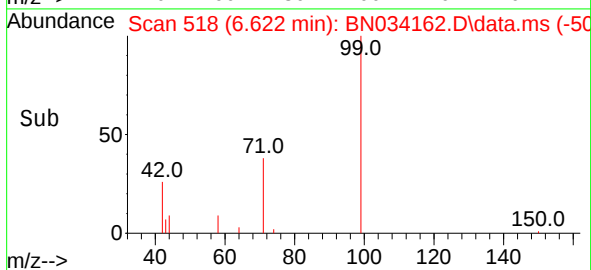
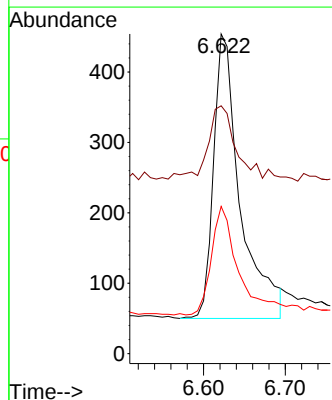
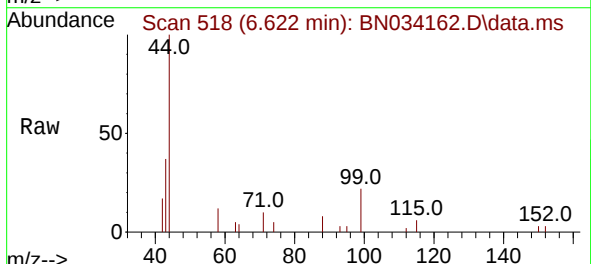
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240917DL

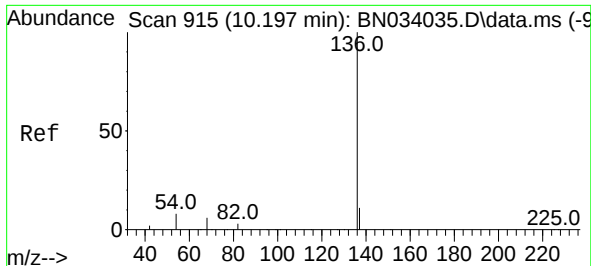
Tgt Ion:112 Resp: 789
Ion Ratio Lower Upper
112 100
64 65.1 48.6 72.8
63 33.6 25.6 38.4



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.622 min Scan# 518
Delta R.T. -0.013 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

Tgt Ion: 99 Resp: 916
Ion Ratio Lower Upper
99 100
42 27.4 17.8 26.8#
71 38.6 26.2 39.2

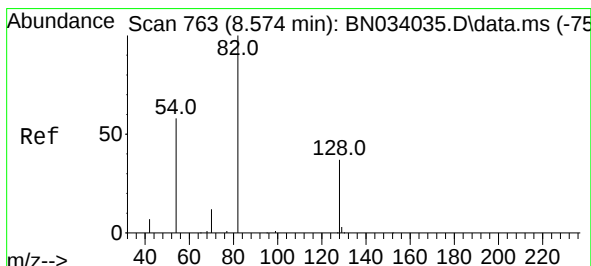
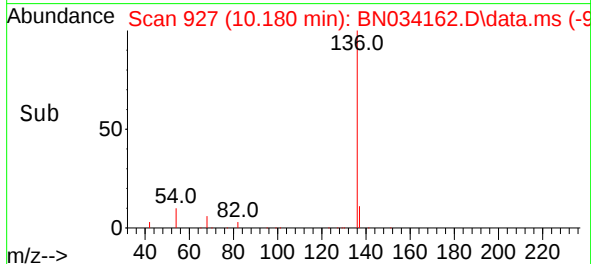
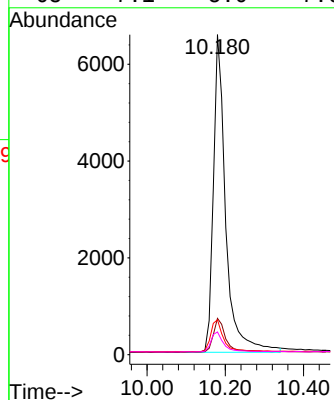
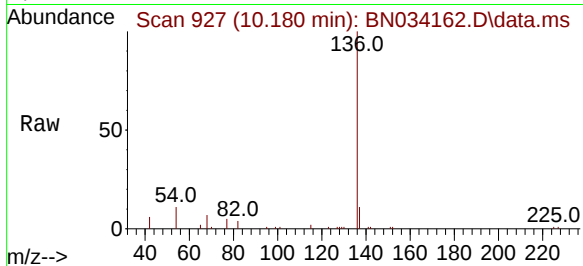




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

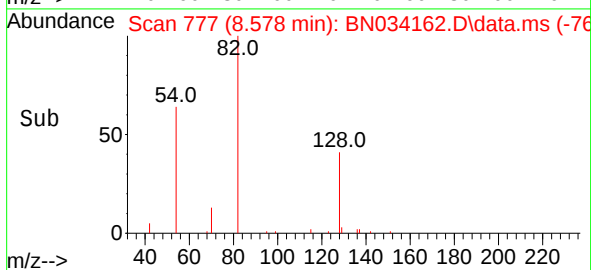
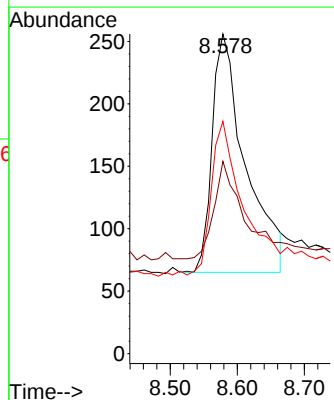
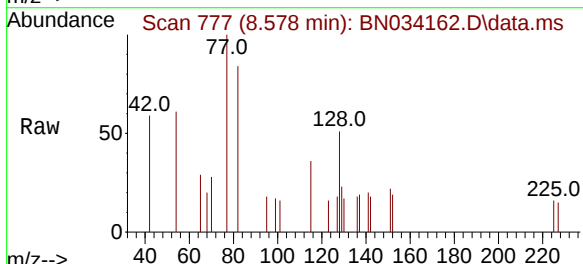
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240917DL

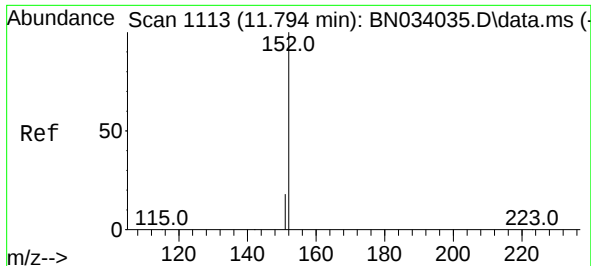
Tgt Ion:136	Resp:	14346
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	10.9	6.8 10.2#
68	7.1	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.060 ng
RT: 8.578 min Scan# 777
Delta R.T. 0.004 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

Tgt Ion: 82	Resp:	660
Ion Ratio	Lower	Upper
82	100	
128	60.2	31.4 47.2#
54	72.7	47.4 71.0#

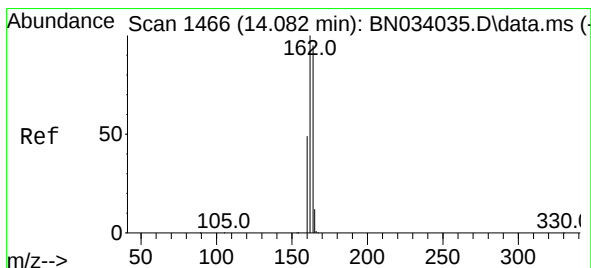
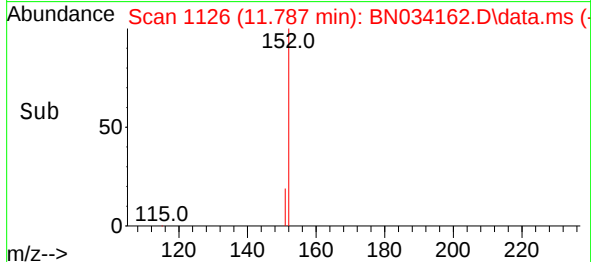
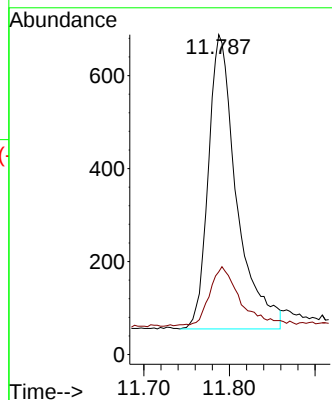
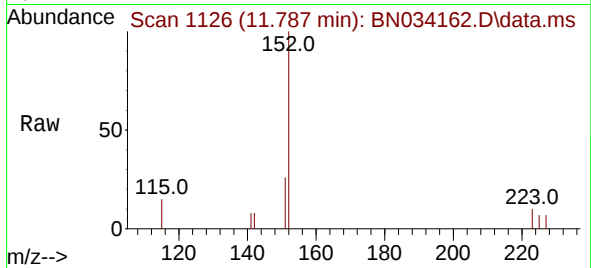




#11
2-Methylnaphthalene-d10
Concen: 0.069 ng
RT: 11.787 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

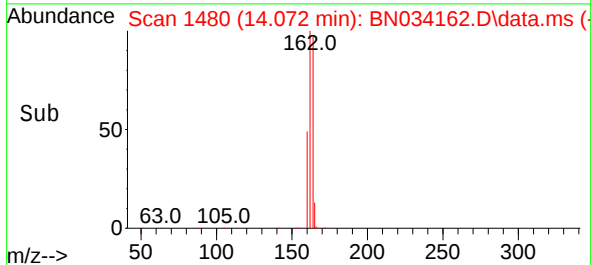
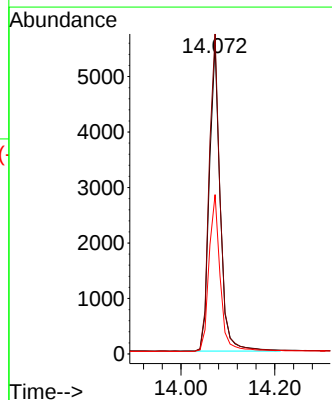
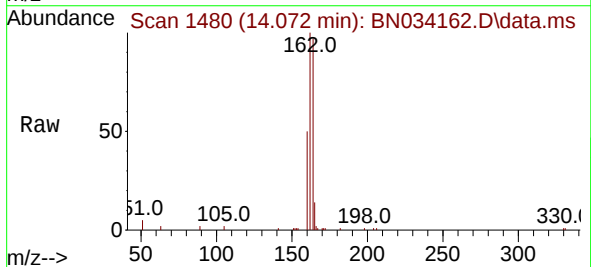
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240917DL

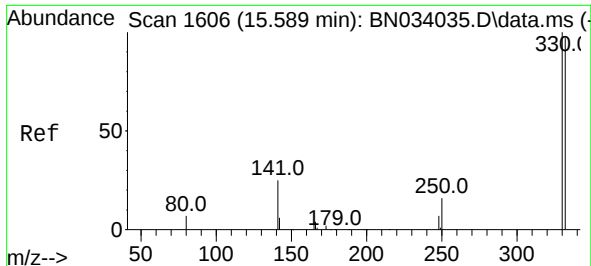
Tgt Ion:152 Resp: 1453
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

Tgt Ion:164 Resp: 8894
Ion Ratio Lower Upper
164 100
162 103.5 84.2 126.2
160 51.5 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.049 ng

RT: 15.592 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN034162.D

Acq: 23 Sep 2024 12:30

Instrument :

BNA_N

ClientSampleId :

RE125D1-20240917DL

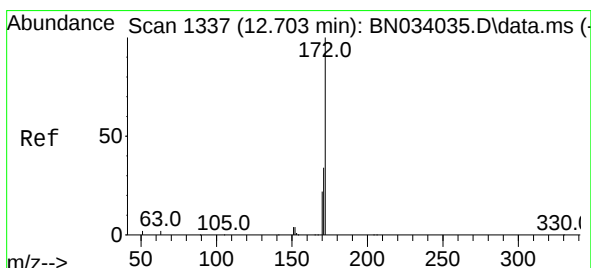
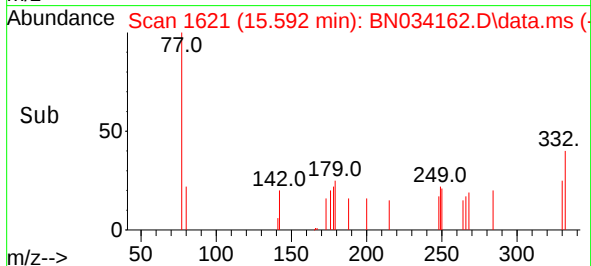
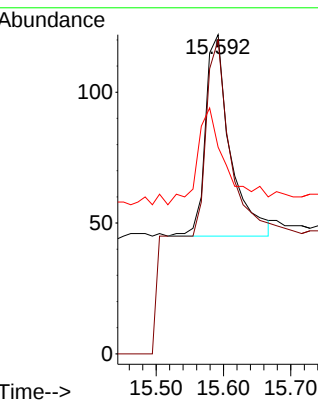
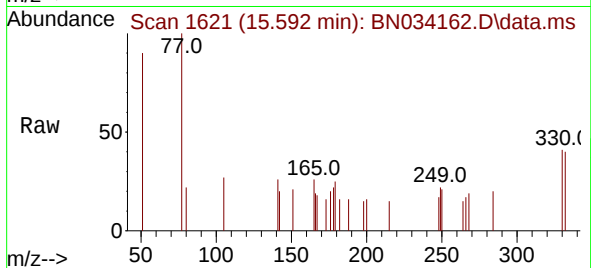
Tgt Ion:330 Resp: 197

Ion Ratio Lower Upper

330 100

332 93.9 77.4 116.0

141 55.3 35.9 53.9#



#15

2-Fluorobiphenyl

Concen: 0.077 ng

RT: 12.693 min Scan# 1351

Delta R.T. -0.009 min

Lab File: BN034162.D

Acq: 23 Sep 2024 12:30

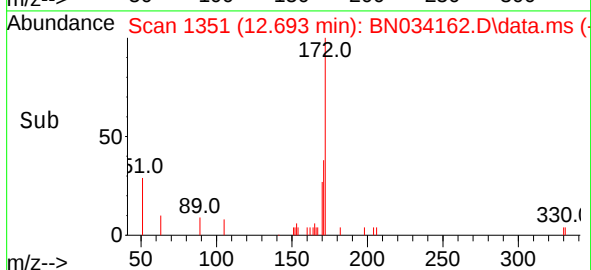
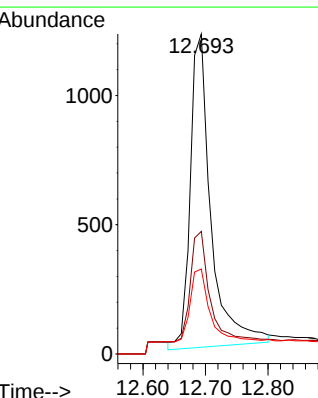
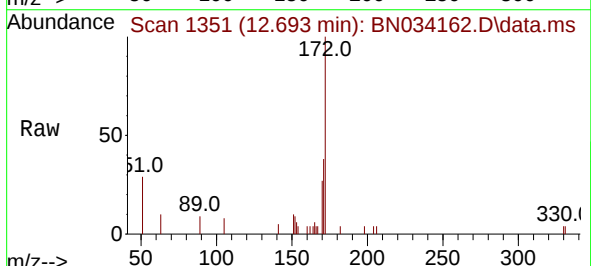
Tgt Ion:172 Resp: 2792

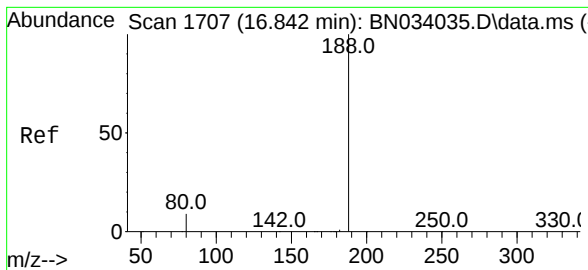
Ion Ratio Lower Upper

172 100

171 38.3 27.3 40.9

170 26.6 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 11

Delta R.T. -0.009 min

Lab File: BN034162.D

Acq: 23 Sep 2024 12:30

Instrument :

BNA_N

ClientSampleId :

RE125D1-20240917DL

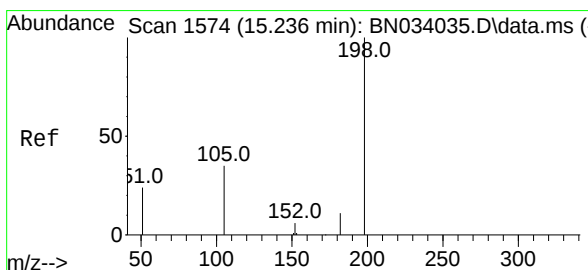
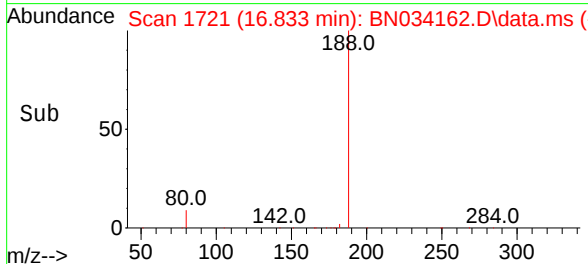
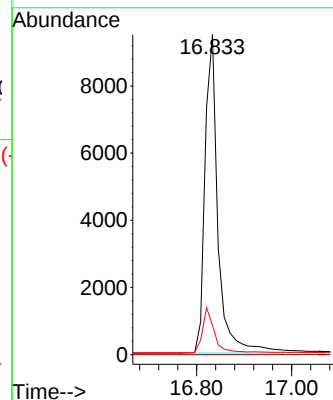
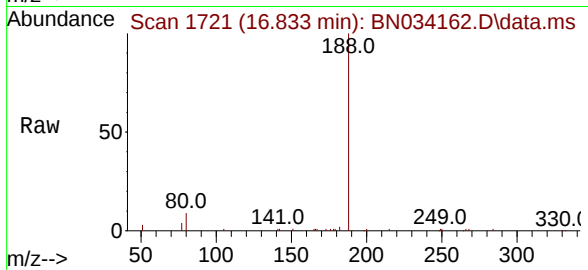
Tgt Ion:188 Resp: 18090

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 15.259 min Scan# 1591

Delta R.T. 0.023 min

Lab File: BN034162.D

Acq: 23 Sep 2024 12:30

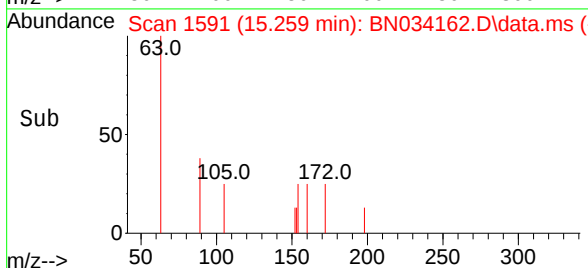
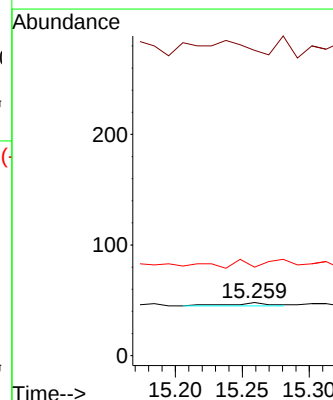
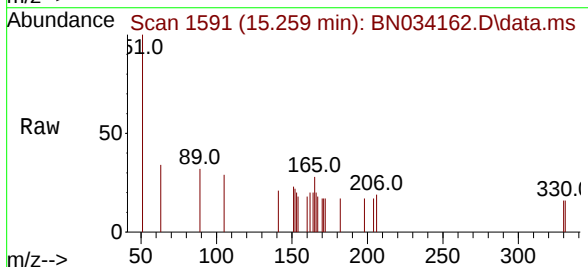
Tgt Ion:198 Resp: 6

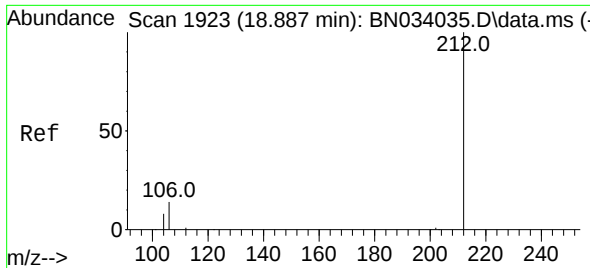
Ion Ratio Lower Upper

198 100

51 575.0 106.4 159.6#

105 166.7 38.5 57.7#

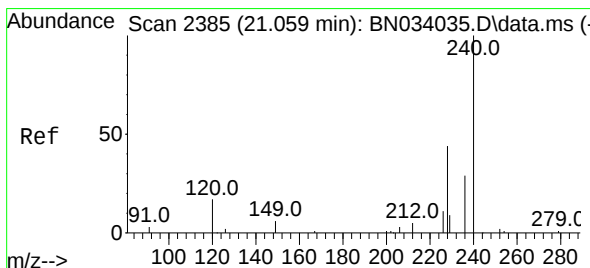
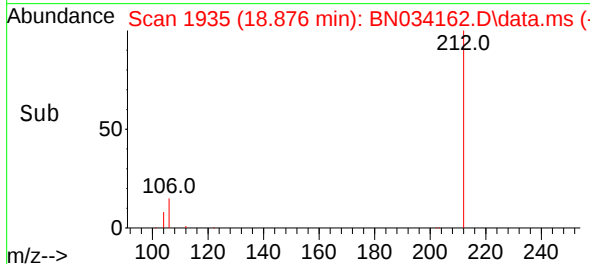
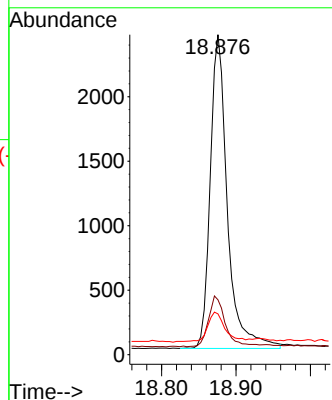
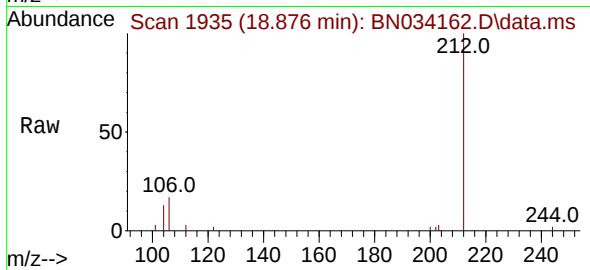




#27
Fluoranthene-d10
Concen: 0.085 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

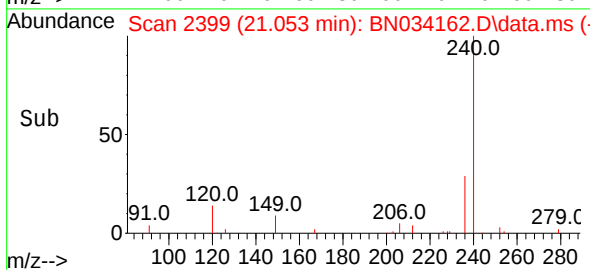
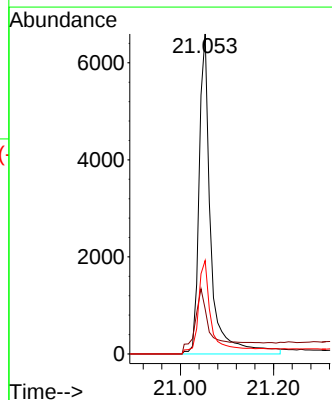
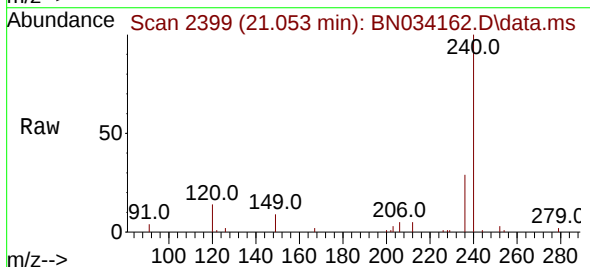
Instrument :
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RE125D1-20240917DL

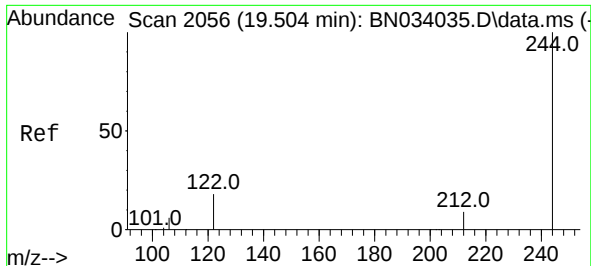
Tgt Ion:212 Resp: 3885
Ion Ratio Lower Upper
212 100
106 16.2 13.4 20.2
104 10.1 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN034162.D
Acq: 23 Sep 2024 12:30

Tgt Ion:240 Resp: 11026
Ion Ratio Lower Upper
240 100
120 14.0 13.5 20.3
236 29.2 23.4 35.0

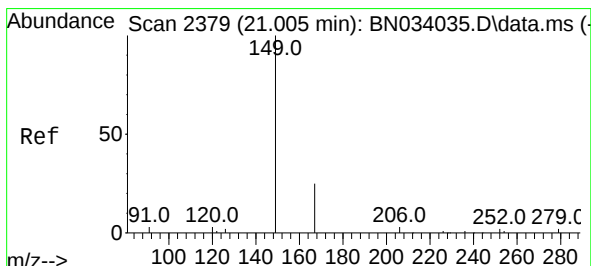
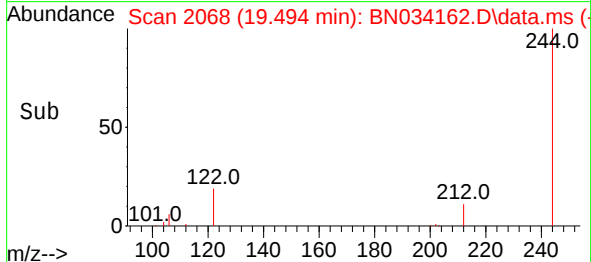
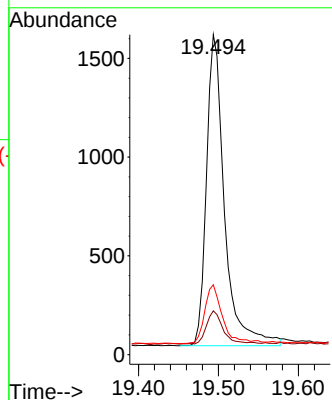
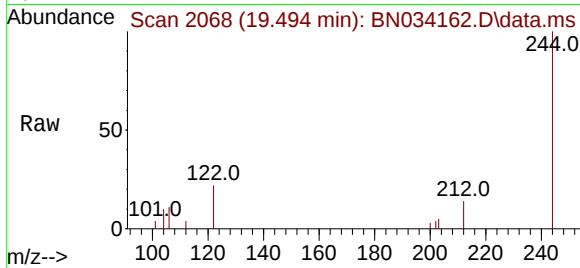




#31
 Terphenyl-d14
 Concen: 0.112 ng
 RT: 19.494 min Scan# 2056
 Delta R.T. -0.011 min
 Lab File: BN034162.D
 Acq: 23 Sep 2024 12:30

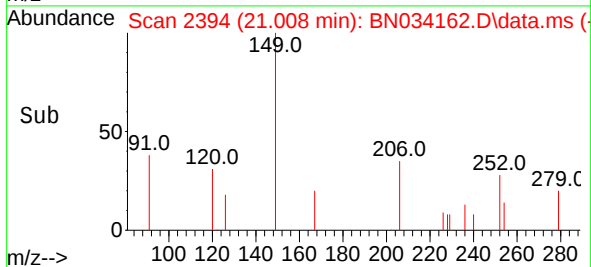
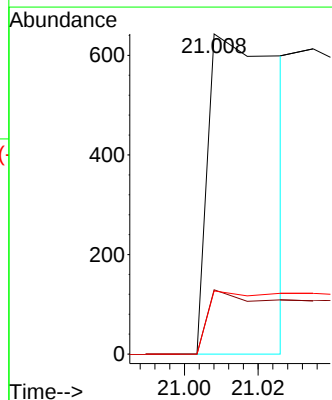
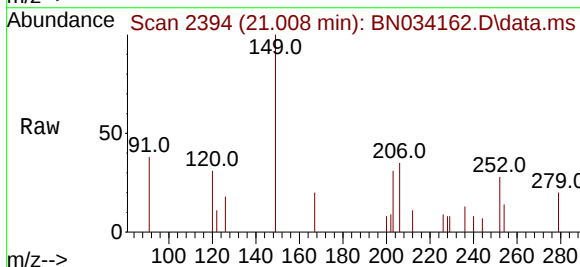
Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20240917DL

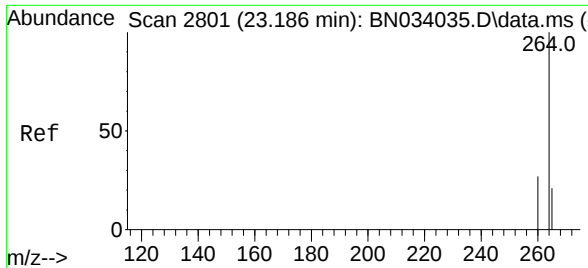
Tgt Ion:244 Resp: 2475
 Ion Ratio Lower Upper
 244 100
 212 13.7 7.8 11.6#
 122 21.9 14.8 22.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.052 ng
 RT: 21.008 min Scan# 2394
 Delta R.T. 0.003 min
 Lab File: BN034162.D
 Acq: 23 Sep 2024 12:30

Tgt Ion:149 Resp: 751
 Ion Ratio Lower Upper
 149 100
 167 26.1 19.9 29.9
 279 0.0 4.6 6.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.171 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BN034162.D
 Acq: 23 Sep 2024 12:30

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20240917DL

Tgt Ion:	264	Resp:	9134
Ion Ratio	Lower	Upper	
264	100		
260	27.0	21.7	32.5
265	77.0	52.1	78.1

