

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052824\
 Data File : BN031680.D
 Acq On : 28 May 2024 17:44
 Operator : MA/JU
 Sample : P2529-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-191D1-GW-20240516

Quant Time: May 28 18:50:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

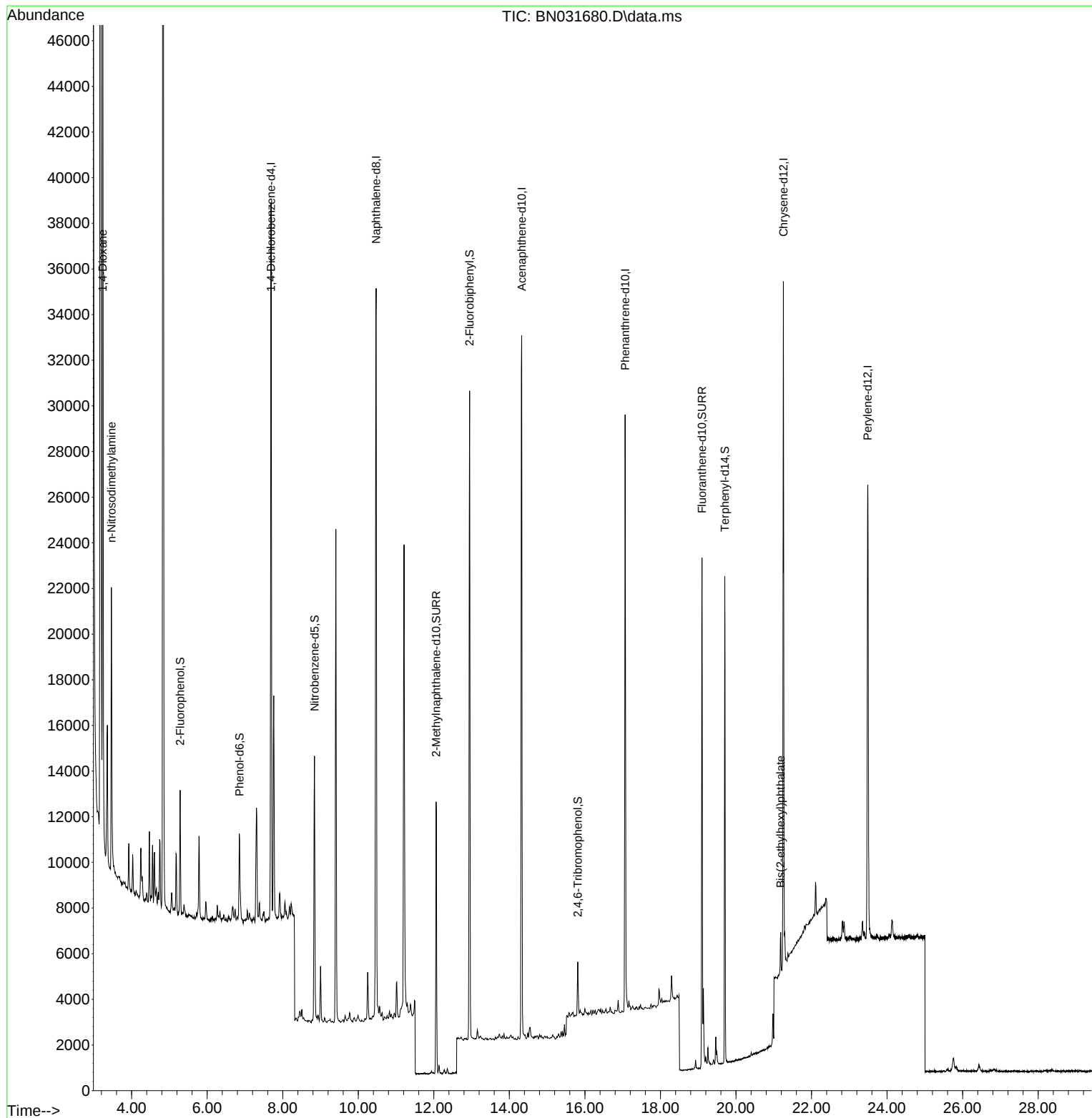
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	15044	0.400	ng	-0.03
7) Naphthalene-d8	10.474	136	45316	0.400	ng	#-0.02
13) Acenaphthene-d10	14.328	164	19289	0.400	ng	-0.02
19) Phenanthrene-d10	17.066	188	33687	0.400	ng	-0.03
29) Chrysene-d12	21.256	240	26434	0.400	ng	-0.02
35) Perylene-d12	23.490	264	27666	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	4269	0.100	ng	-0.01
5) Phenol-d6	6.859	99	3339	0.058	ng	-0.01
8) Nitrobenzene-d5	8.841	82	9743	0.300	ng	-0.02
11) 2-Methylnaphthalene-d10	12.062	152	16016	0.219	ng	-0.03
14) 2,4,6-Tribromophenol	15.812	330	1251	0.171	ng	-0.03
15) 2-Fluorobiphenyl	12.948	172	25630	0.345	ng	-0.03
27) Fluoranthene-d10	19.100	212	24404	0.261	ng	-0.02
31) Terphenyl-d14	19.704	244	19788	0.306	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.233	88	25273	1.366	ng	# 88
3) n-Nitrosodimethylamine	3.464	42	1627	0.089	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.184	149	1931	0.032	ng	# 99

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

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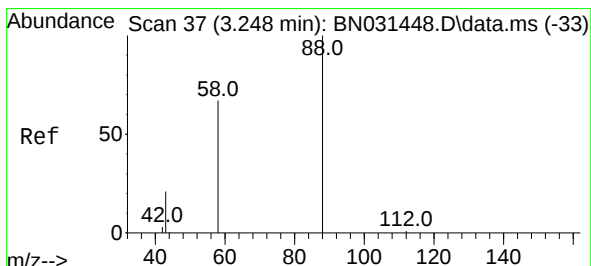
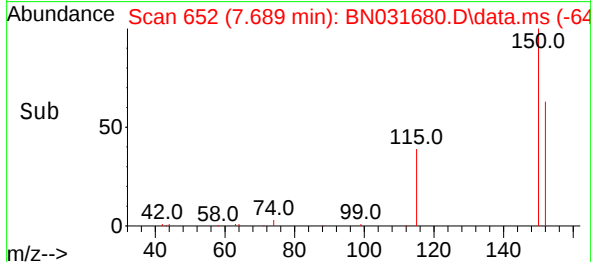
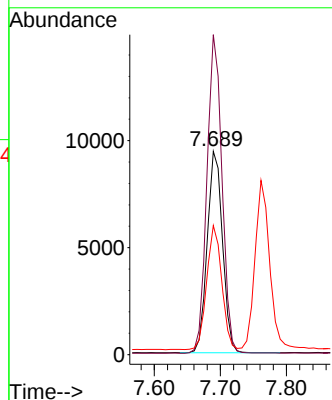
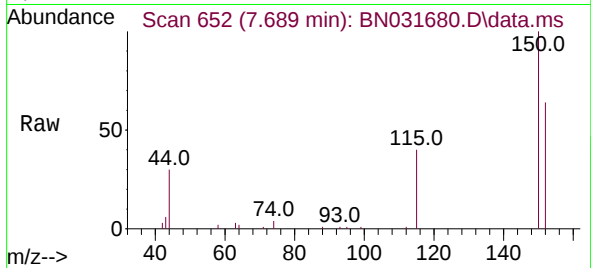




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN031680.D
Acq: 28 May 2024 17:44

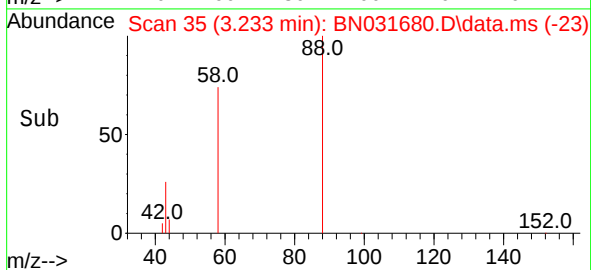
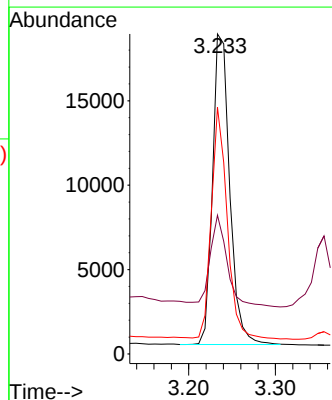
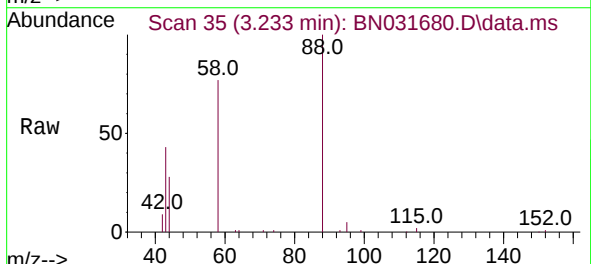
Instrument :
BNA_N
ClientSampleId :
BP-TT-191D1-GW-20240516

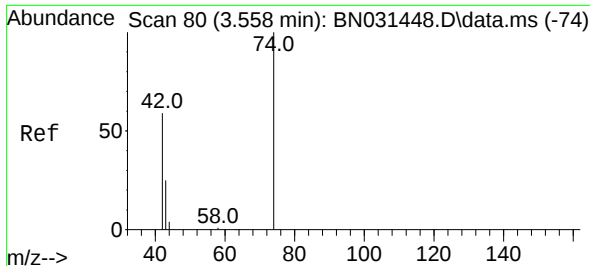
Tgt Ion:152 Resp: 15044
Ion Ratio Lower Upper
152 100
150 157.3 119.3 178.9
115 63.5 54.8 82.2



#2
1,4-Dioxane
Concen: 1.366 ng
RT: 3.233 min Scan# 35
Delta R.T. -0.015 min
Lab File: BN031680.D
Acq: 28 May 2024 17:44

Tgt Ion: 88 Resp: 25273
Ion Ratio Lower Upper
88 100
43 29.5 39.0 58.6#
58 68.8 54.9 82.3





#3

n-Nitrosodimethylamine

Concen: 0.089 ng

RT: 3.464 min Scan# 61

Delta R.T. -0.094 min

Lab File: BN031680.D

Acq: 28 May 2024 17:44

Instrument :

BNA_N

ClientSampleId :

BP-TT-191D1-GW-20240516

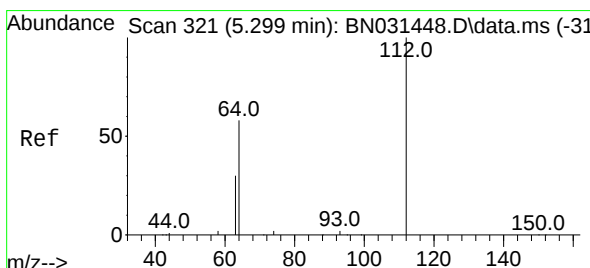
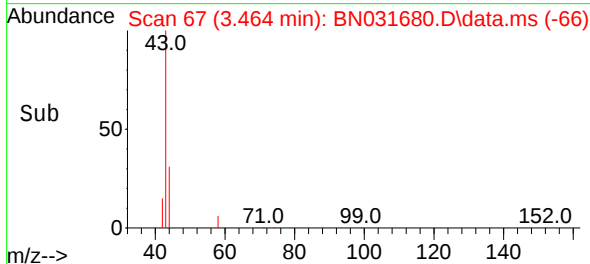
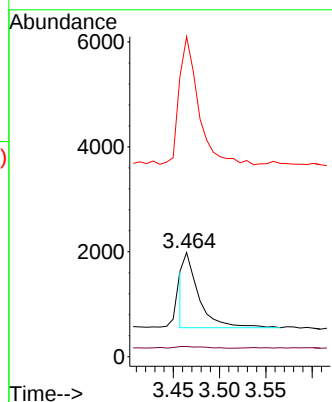
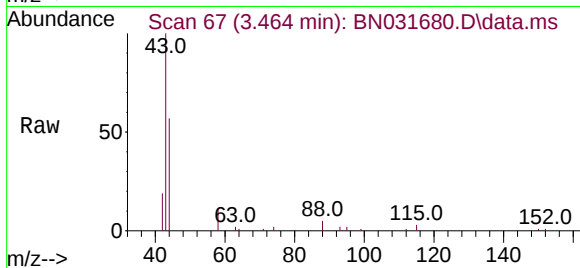
Tgt Ion: 42 Resp: 1627

Ion Ratio Lower Upper

42 100

74 0.0 126.4 189.6#

44 162.9 6.9 10.3#



#4

2-Fluorophenol

Concen: 0.100 ng

RT: 5.284 min Scan# 319

Delta R.T. -0.015 min

Lab File: BN031680.D

Acq: 28 May 2024 17:44

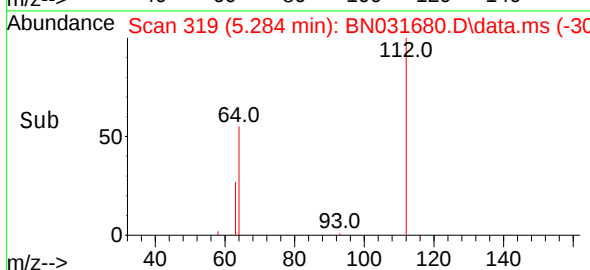
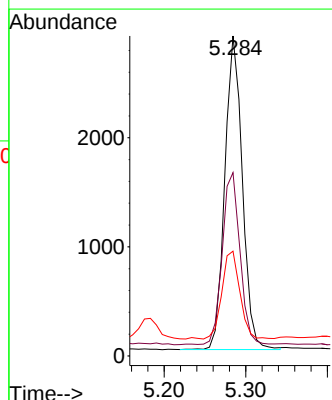
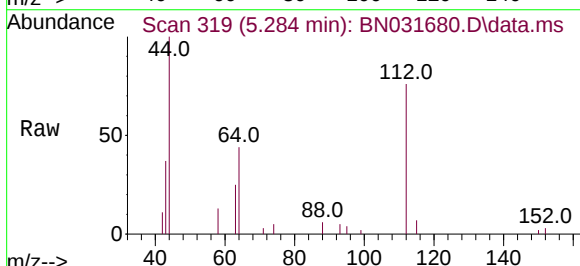
Tgt Ion: 112 Resp: 4269

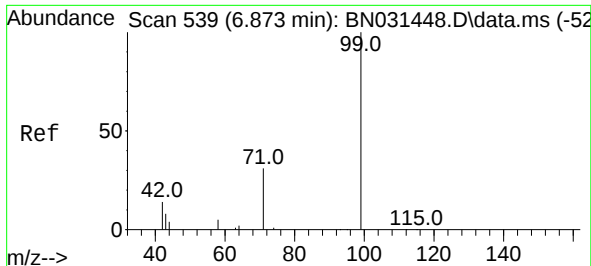
Ion Ratio Lower Upper

112 100

64 55.9 44.0 66.0

63 29.0 22.2 33.4

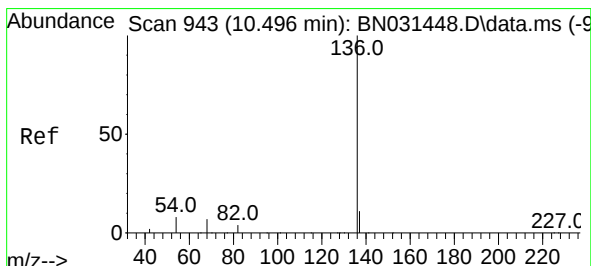
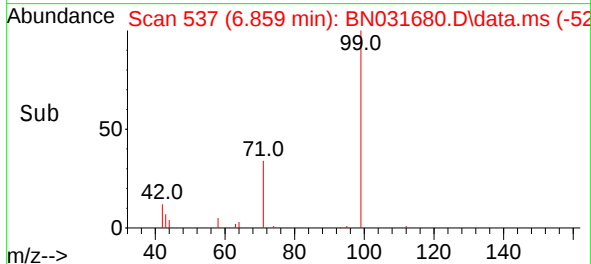
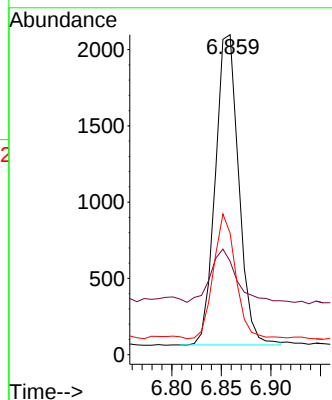
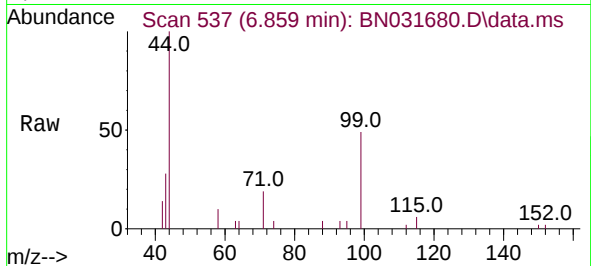




#5
Phenol-d6
Concen: 0.058 ng
RT: 6.859 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN031680.D
Acq: 28 May 2024 17:44

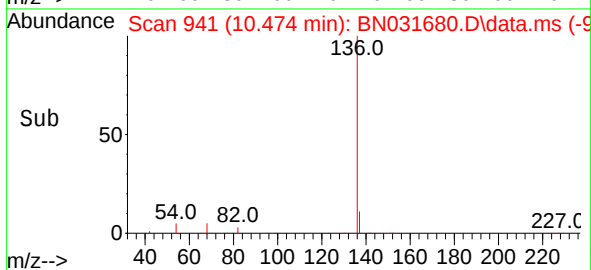
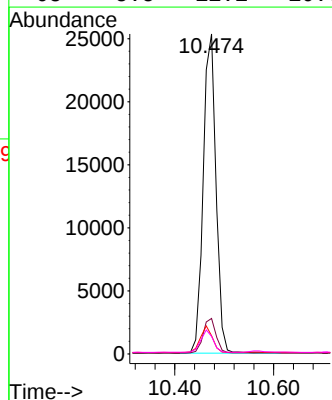
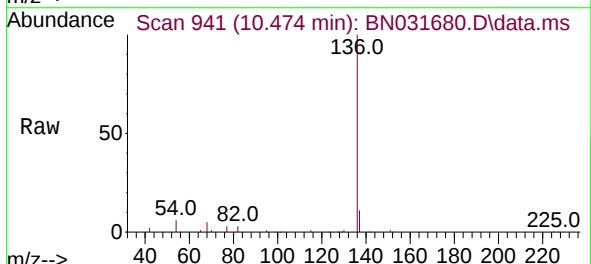
Instrument :
BNA_N
ClientSampleId :
BP-TT-191D1-GW-20240516

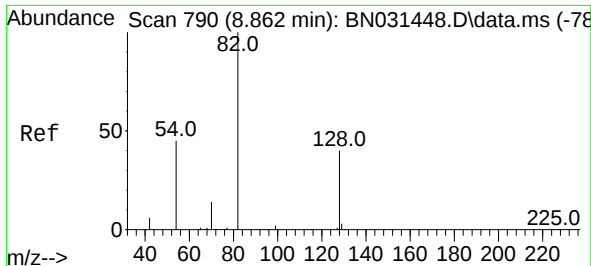
Tgt Ion: 99 Resp: 3339
Ion Ratio Lower Upper
99 100
42 19.0 13.5 20.3
71 38.1 26.1 39.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.474 min Scan# 941
Delta R.T. -0.022 min
Lab File: BN031680.D
Acq: 28 May 2024 17:44

Tgt Ion: 136 Resp: 45316
Ion Ratio Lower Upper
136 100
137 11.1 10.1 15.1
54 5.7 10.5 15.7#
68 5.5 11.1 16.7#

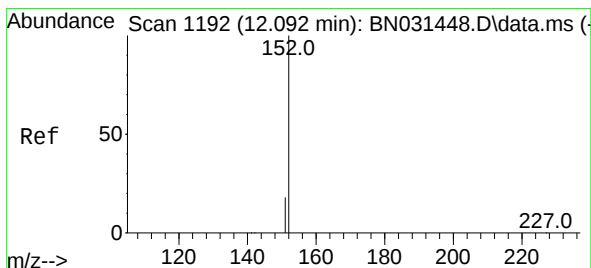
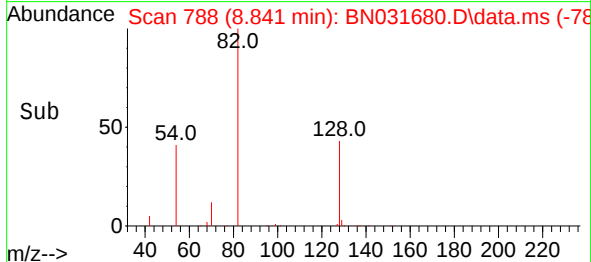
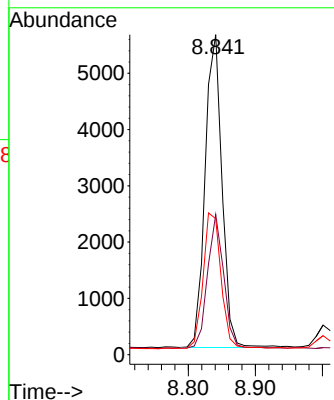
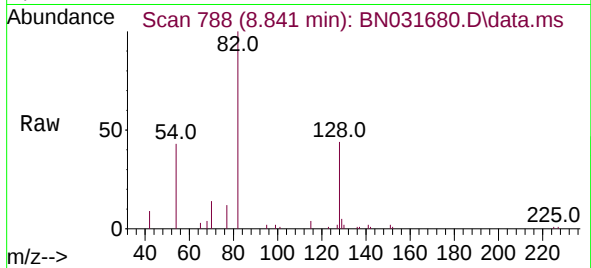




#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.841 min Scan# 71
Delta R.T. -0.022 min
Lab File: BN031680.D
Acq: 28 May 2024 17:44

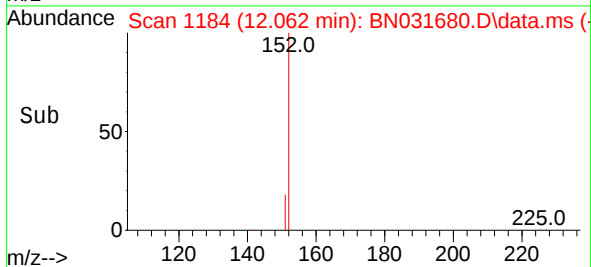
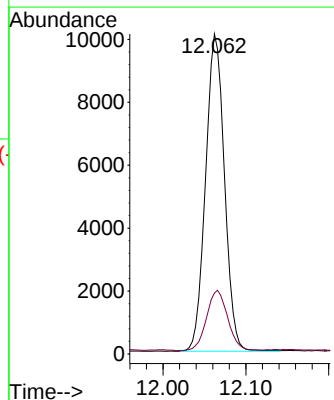
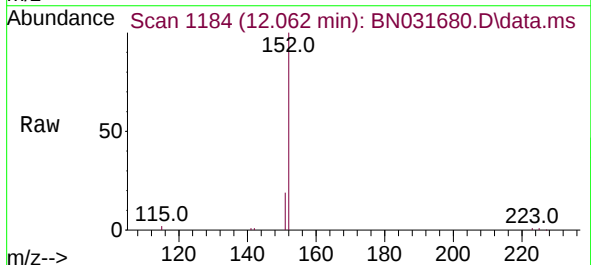
Instrument :
BNA_N
ClientSampleId :
BP-TT-191D1-GW-20240516

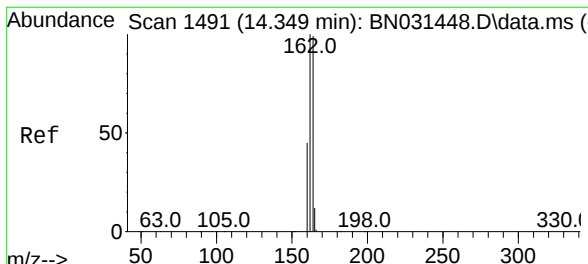
Tgt Ion: 82 Resp: 9743
Ion Ratio Lower Upper
82 100
128 43.8 29.0 43.6#
54 42.5 37.2 55.8



#11
2-Methylnaphthalene-d10
Concen: 0.219 ng
RT: 12.062 min Scan# 1184
Delta R.T. -0.030 min
Lab File: BN031680.D
Acq: 28 May 2024 17:44

Tgt Ion:152 Resp: 16016
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0

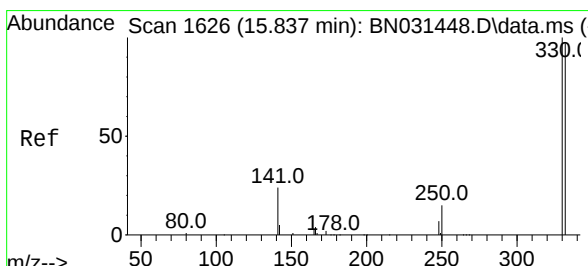
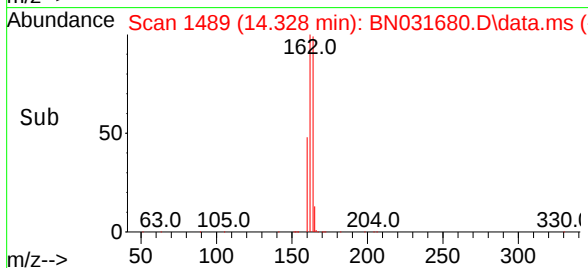
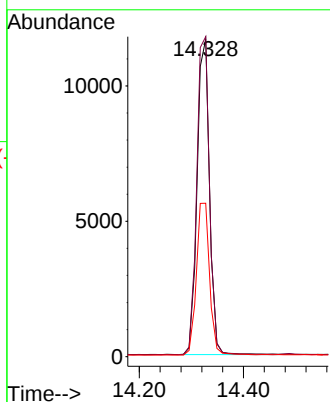
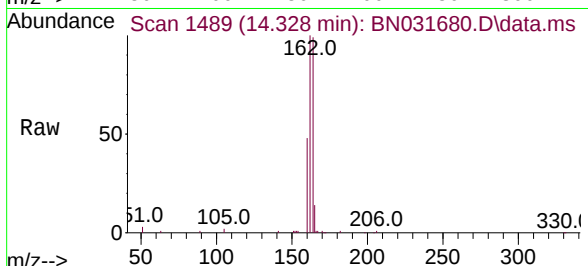




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.328 min Scan# 1491
 Delta R.T. -0.022 min
 Lab File: BN031680.D
 Acq: 28 May 2024 17:44

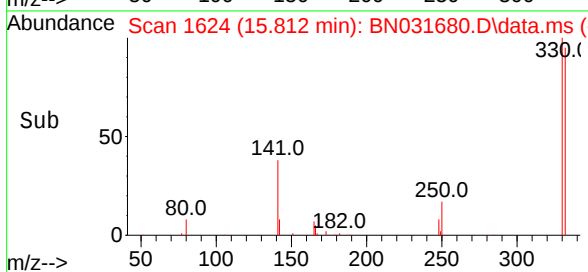
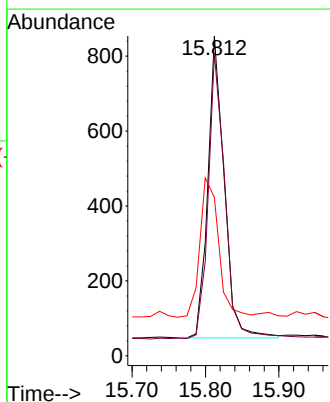
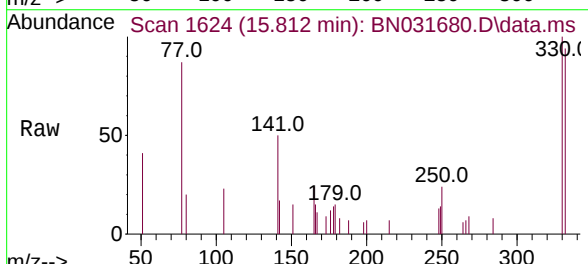
Instrument : BNA_N
 ClientSampleId : BP-TT-191D1-GW-20240516

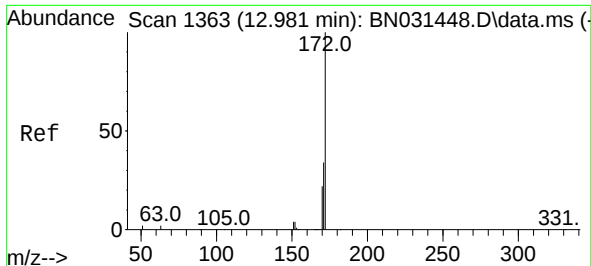
Tgt Ion:	164	Resp:	19289
Ion Ratio	Lower	Upper	
164	100		
162	100.8	81.2	121.8
160	48.4	37.0	55.6



#14
 2,4,6-Tribromophenol
 Concen: 0.171 ng
 RT: 15.812 min Scan# 1624
 Delta R.T. -0.025 min
 Lab File: BN031680.D
 Acq: 28 May 2024 17:44

Tgt Ion:	330	Resp:	1251
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.6	114.8
141	52.4	37.0	55.4





#15

2-Fluorobiphenyl

Concen: 0.345 ng

RT: 12.948 min Scan# 1360

Delta R.T. -0.032 min

Lab File: BN031680.D

Acq: 28 May 2024 17:44

Instrument :

BNA_N

ClientSampleId :

BP-TT-191D1-GW-20240516

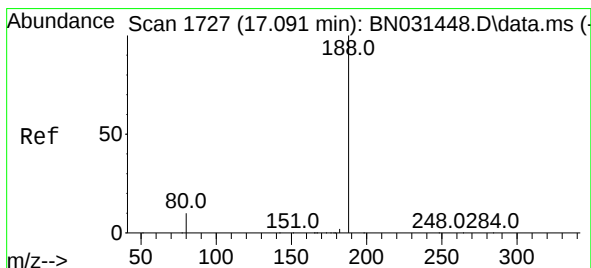
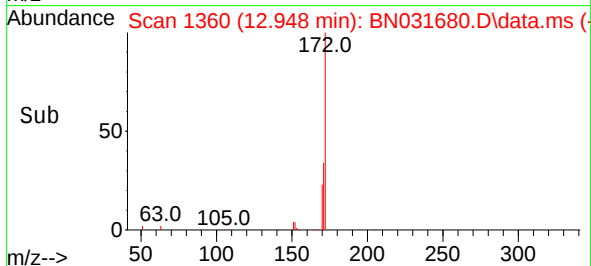
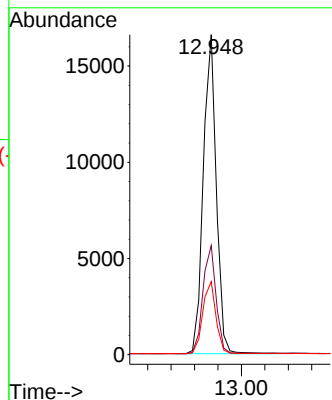
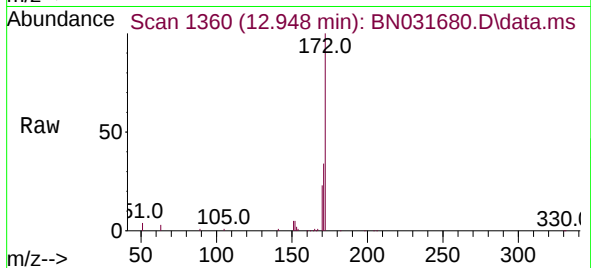
Tgt Ion:172 Resp: 25630

Ion Ratio Lower Upper

172 100

171 34.1 27.8 41.8

170 22.8 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.066 min Scan# 1725

Delta R.T. -0.025 min

Lab File: BN031680.D

Acq: 28 May 2024 17:44

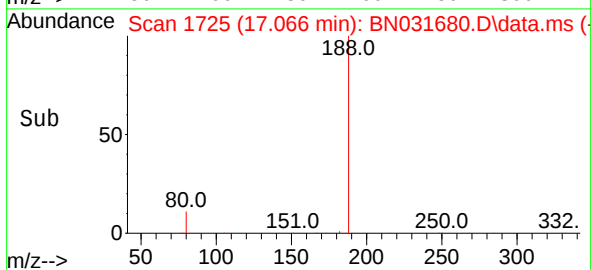
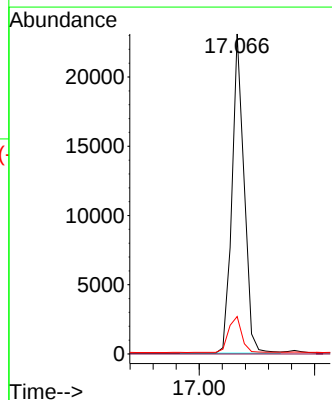
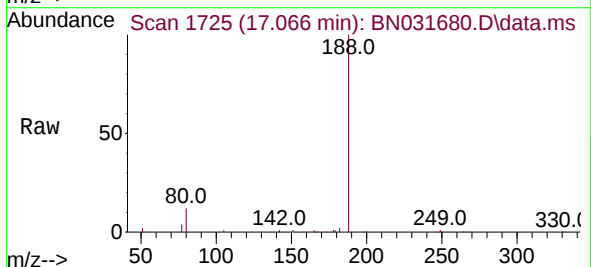
Tgt Ion:188 Resp: 33687

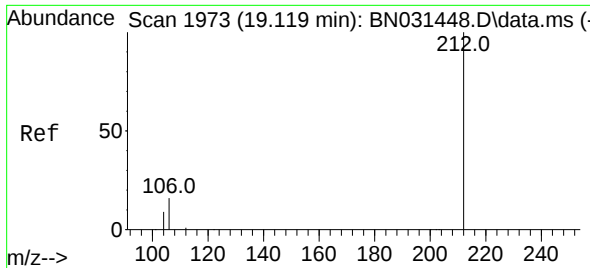
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 9.6 14.4

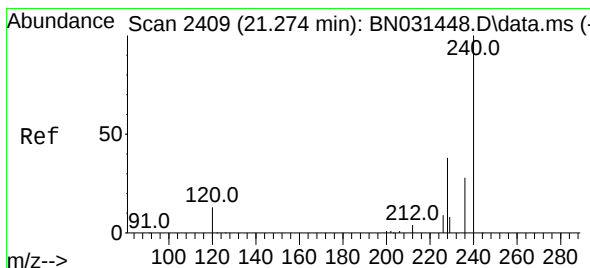
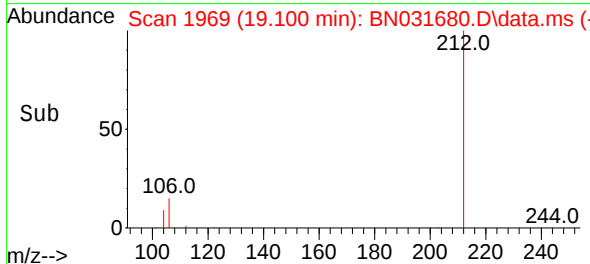
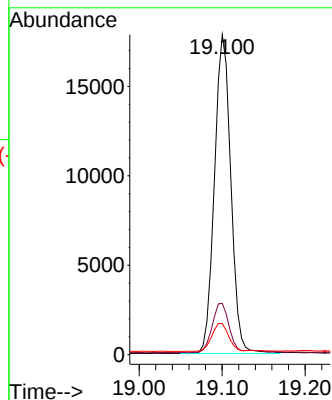
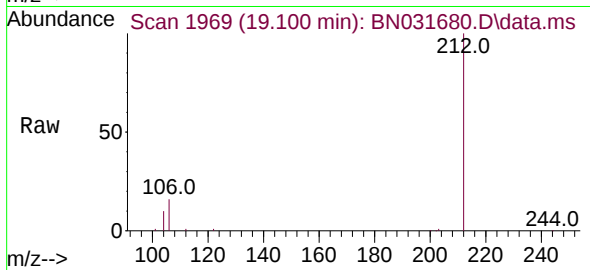




#27
Fluoranthene-d10
Concen: 0.261 ng
RT: 19.100 min Scan# 1969
Delta R.T. -0.019 min
Lab File: BN031680.D
Acq: 28 May 2024 17:44

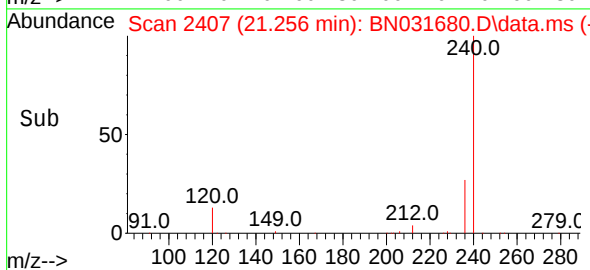
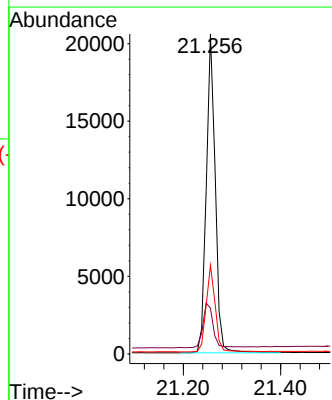
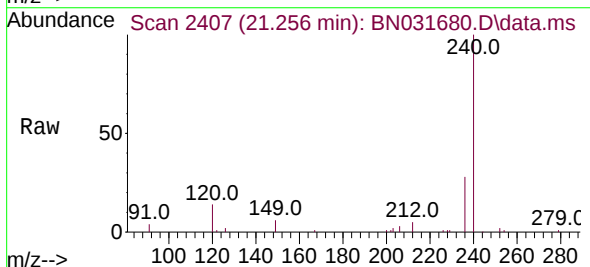
Instrument :
BNA_N
ClientSampleId :
BP-TT-191D1-GW-20240516

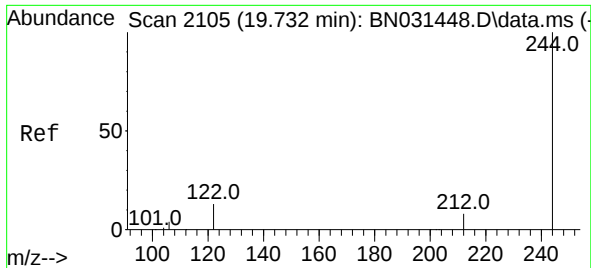
Tgt Ion:212 Resp: 24404
Ion Ratio Lower Upper
212 100
106 16.0 12.0 18.0
104 9.4 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.256 min Scan# 2407
Delta R.T. -0.018 min
Lab File: BN031680.D
Acq: 28 May 2024 17:44

Tgt Ion:240 Resp: 26434
Ion Ratio Lower Upper
240 100
120 14.3 11.4 17.2
236 27.7 22.2 33.4

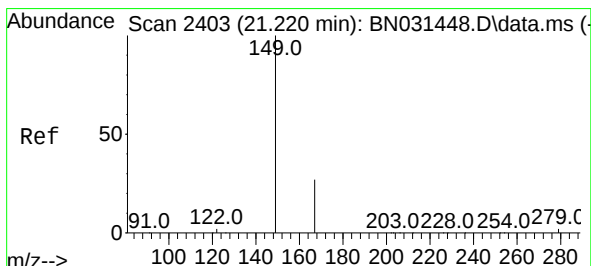
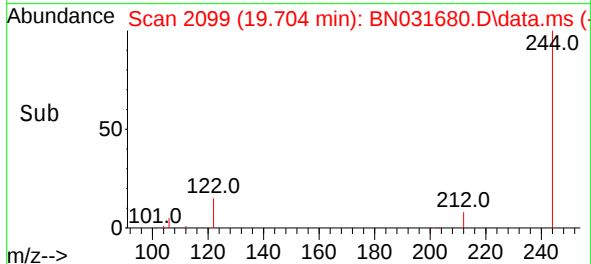
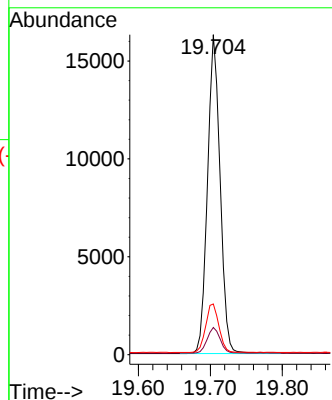
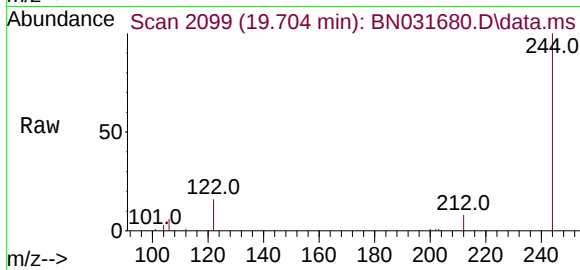




#31
 Terphenyl-d14
 Concen: 0.306 ng
 RT: 19.704 min Scan# 2099
 Delta R.T. -0.028 min
 Lab File: BN031680.D
 Acq: 28 May 2024 17:44

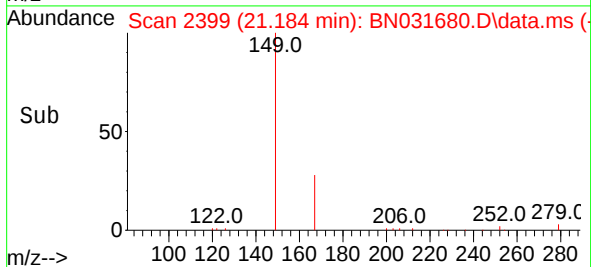
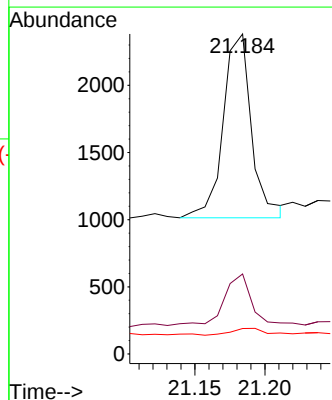
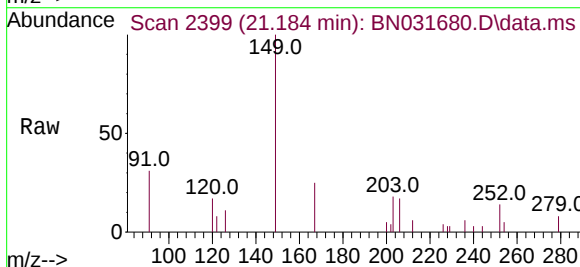
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-191D1-GW-20240516

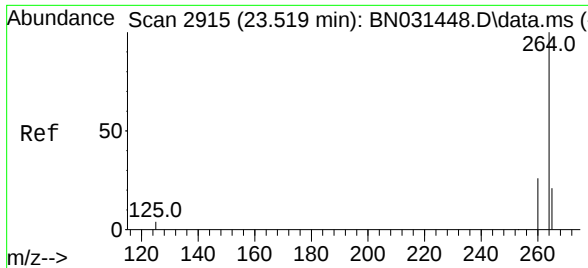
Tgt Ion:244 Resp: 19788
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 15.8 11.4 17.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.032 ng
 RT: 21.184 min Scan# 2399
 Delta R.T. -0.036 min
 Lab File: BN031680.D
 Acq: 28 May 2024 17:44

Tgt Ion:149 Resp: 1931
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.1 33.1
 279 4.8 2.7 4.1#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.490 min Scan# 20
 Delta R.T. -0.029 min
 Lab File: BN031680.D
 Acq: 28 May 2024 17:44

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-191D1-GW-20240516

Tgt Ion:264	Resp:	27666
Ion Ratio	Lower	Upper
264	100	
260	25.1	20.6 31.0
265	50.1	24.0 36.0#

