

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025653.D
 Acq On : 27 May 2023 20:00
 Operator : CG/JU
 Sample : 02880-19
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20230519

Quant Time: May 29 00:54:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

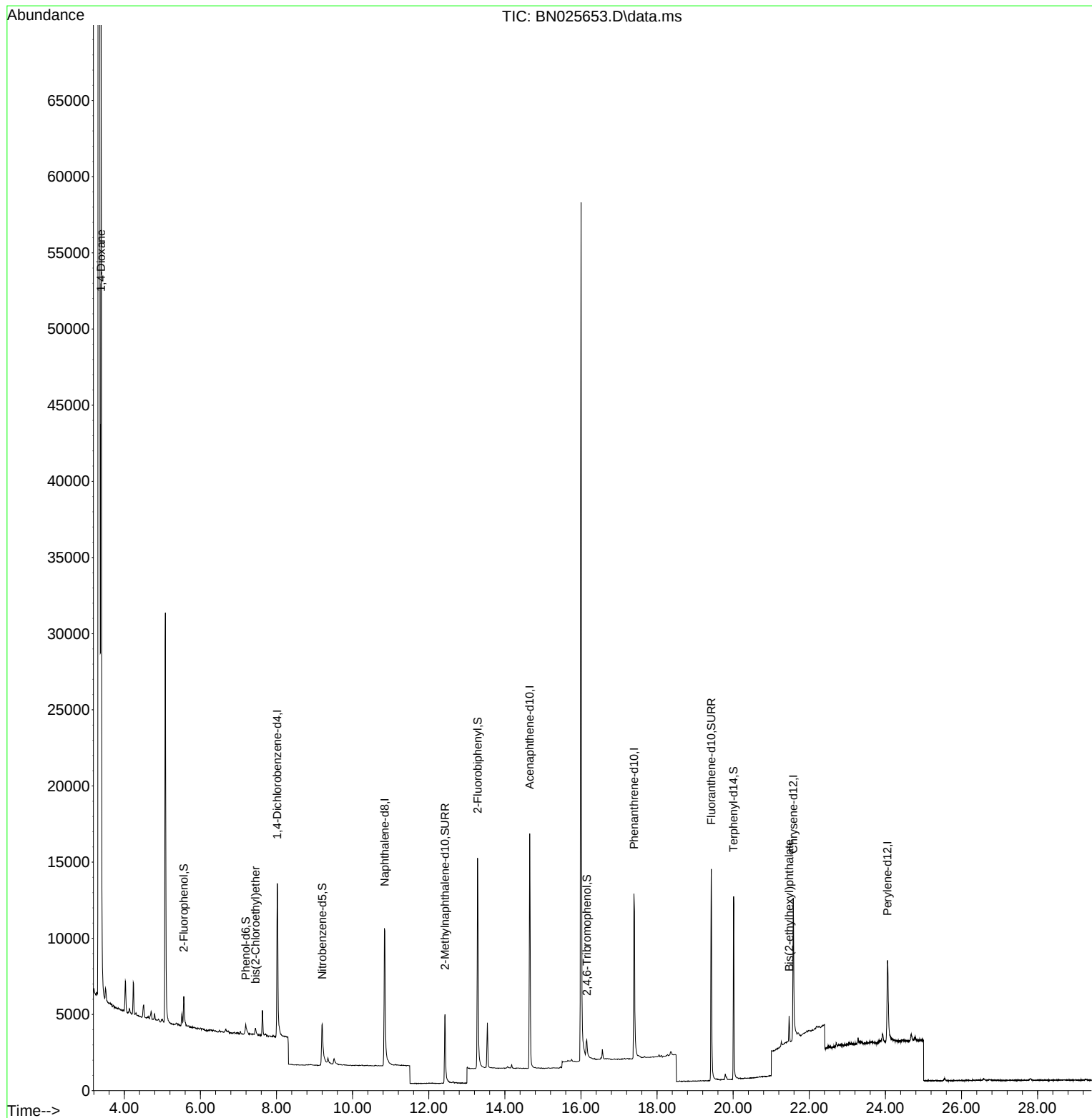
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5946	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	16211	0.400	ng	0.01
13) Acenaphthene-d10	14.651	164	9450	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	19329	0.400	ng	0.00
29) Chrysene-d12	21.578	240	11061	0.400	ng	0.00
35) Perylene-d12	24.057	264	9890	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	2069	0.136	ng	0.00
5) Phenol-d6	7.189	99	1120	0.061	ng	0.01
8) Nitrobenzene-d5	9.202	82	4152	0.306	ng	0.01
11) 2-Methylnaphthalene-d10	12.426	152	8247	0.357	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	847	0.443	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	13973	0.358	ng	0.00
27) Fluoranthene-d10	19.425	212	17364	0.397	ng	0.00
31) Terphenyl-d14	20.011	244	12347	0.510	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	35576	5.167	ng	98
6) bis(2-Chloroethyl)ether	7.449	93	539	0.029	ng	93
34) Bis(2-ethylhexyl)phtha...	21.471	149	1814	0.072	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025653.D
Acq On : 27 May 2023 20:00
Operator : CG/JU
Sample : 02880-19
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE137-20230519

Quant Time: May 29 00:54:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration

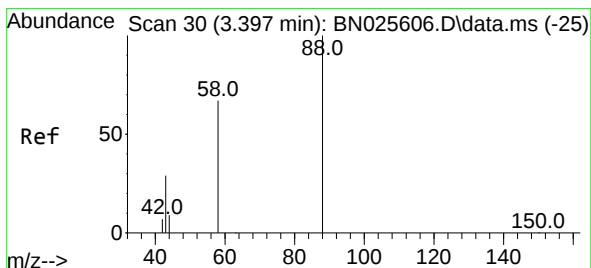
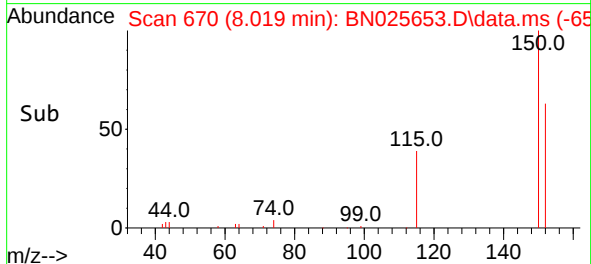
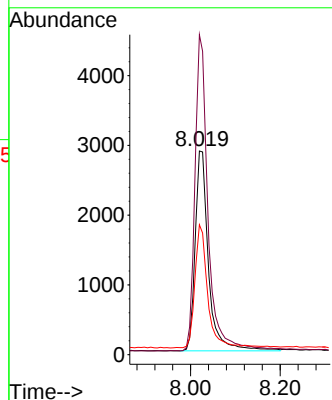
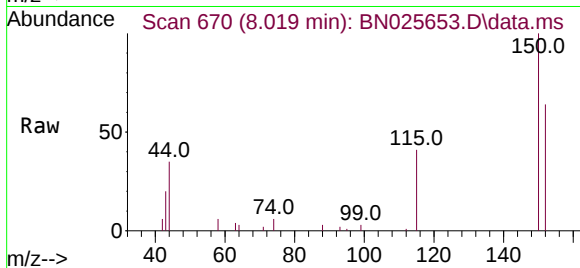




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.019 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025653.D
 Acq: 27 May 2023 20:00

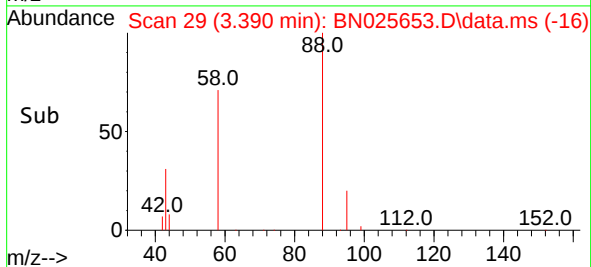
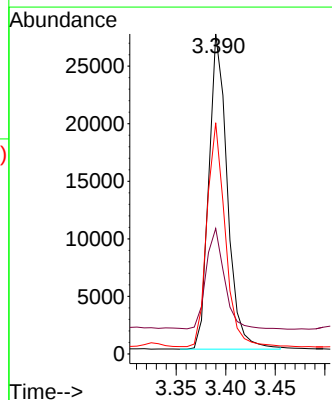
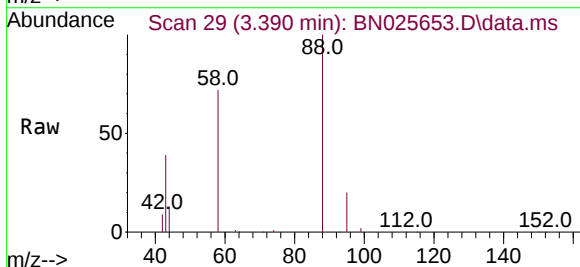
Instrument :
 BNA_N
 ClientSampleId :
 RE137-20230519

Tgt Ion:152 Resp: 5946
 Ion Ratio Lower Upper
 152 100
 150 157.1 121.0 181.6
 115 63.8 48.5 72.7



#2
 1,4-Dioxane
 Concen: 5.167 ng
 RT: 3.390 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN025653.D
 Acq: 27 May 2023 20:00

Tgt Ion: 88 Resp: 35576
 Ion Ratio Lower Upper
 88 100
 43 31.4 26.5 39.7
 58 69.8 56.8 85.2

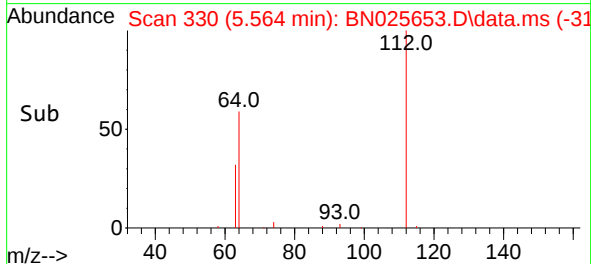
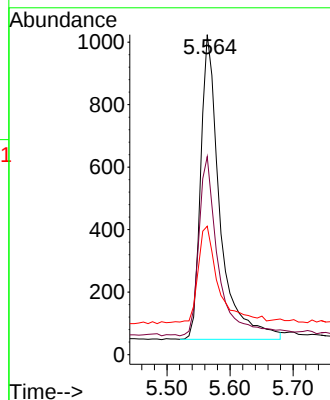
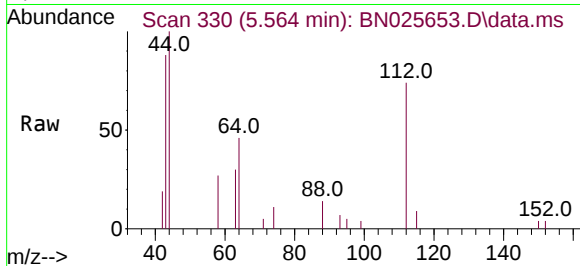




#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

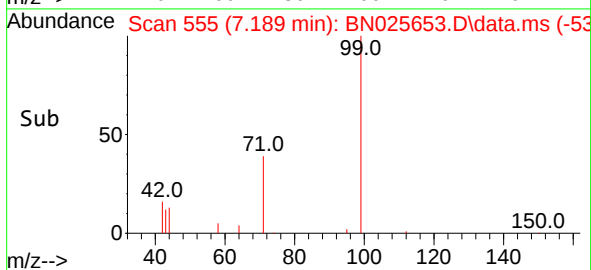
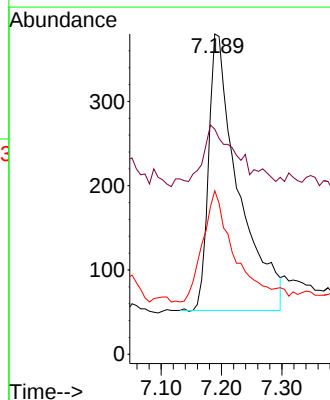
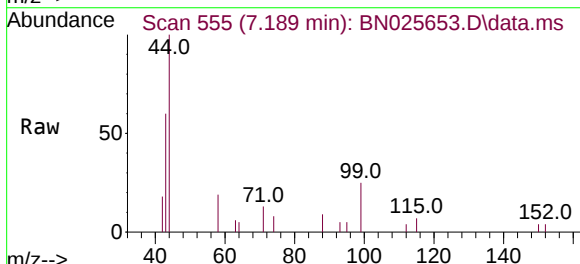
Instrument :
BNA_N
ClientSampleId :
RE137-20230519

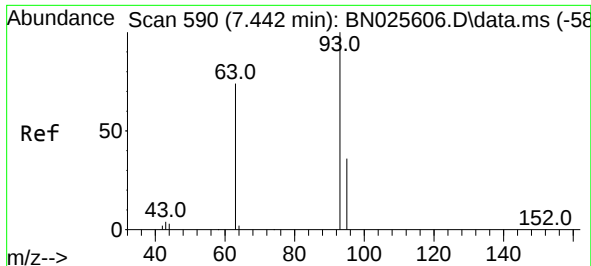
Tgt Ion:	112	Resp:	2069
Ion	Ratio	Lower	Upper
112	100		
64	59.0	45.7	68.5
63	34.8	26.2	39.2



#5
Phenol-d6
Concen: 0.061 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

Tgt Ion:	99	Resp:	1120
Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.1	25.7
71	42.5	29.3	43.9

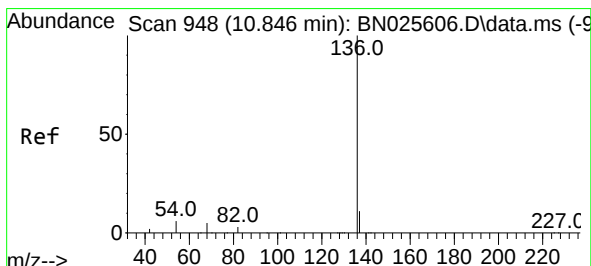
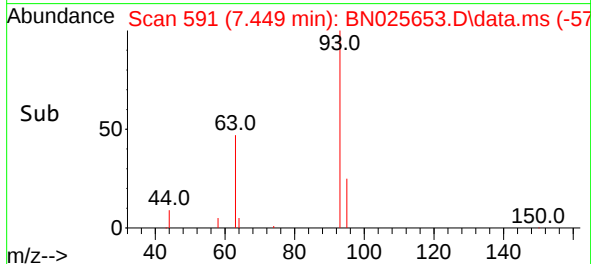
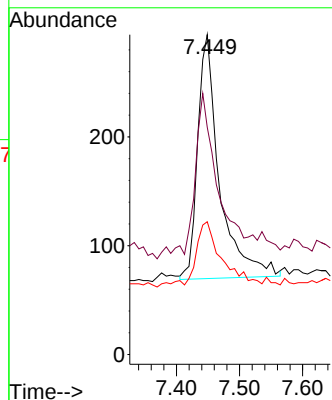
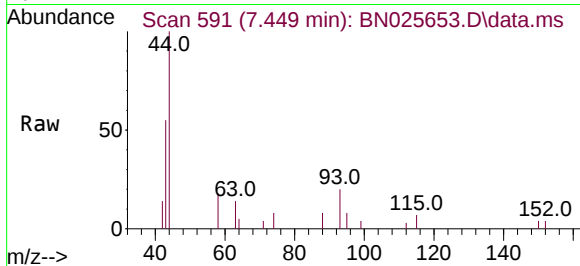




#6
bis(2-Chloroethyl)ether
Concen: 0.029 ng
RT: 7.449 min Scan# 591
Delta R.T. 0.014 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

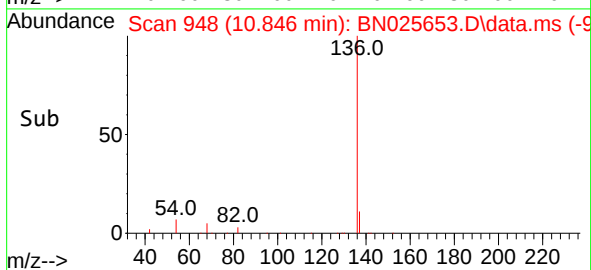
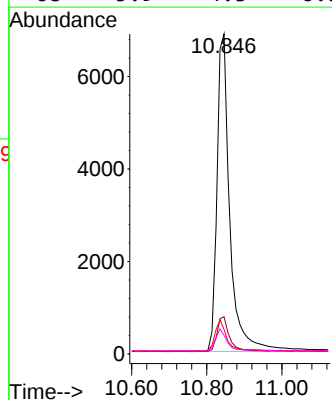
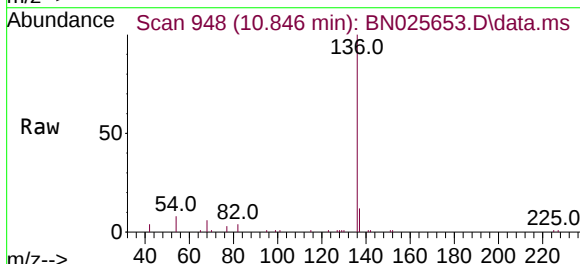
Instrument :
BNA_N
ClientSampleId :
RE137-20230519

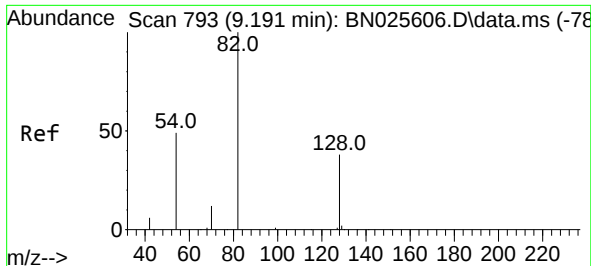
Tgt Ion: 93 Resp: 539
Ion Ratio Lower Upper
93 100
63 66.2 49.1 73.7
95 33.2 22.6 33.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

Tgt Ion: 136 Resp: 16211
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 7.6 5.4 8.0
68 5.9 4.3 6.5

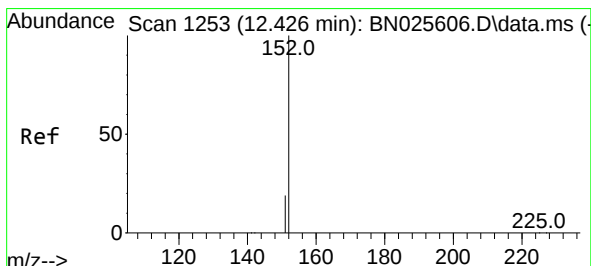
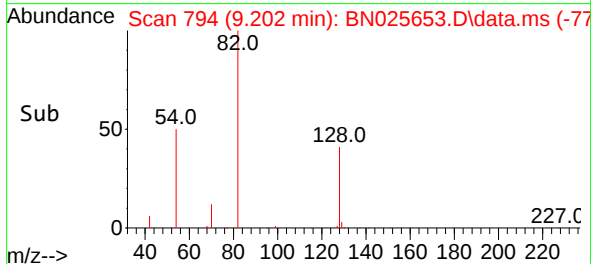
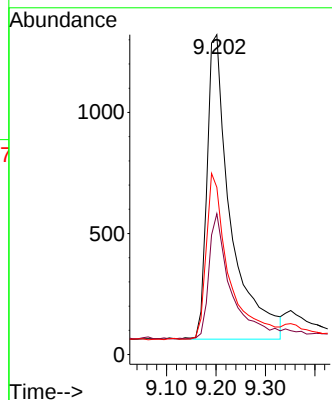
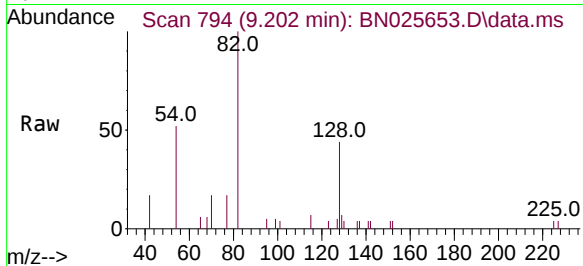




#8
 Nitrobenzene-d5
 Concen: 0.306 ng
 RT: 9.202 min Scan# 794
 Delta R.T. 0.011 min
 Lab File: BN025653.D
 Acq: 27 May 2023 20:00

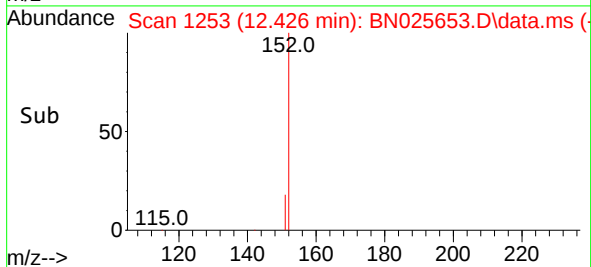
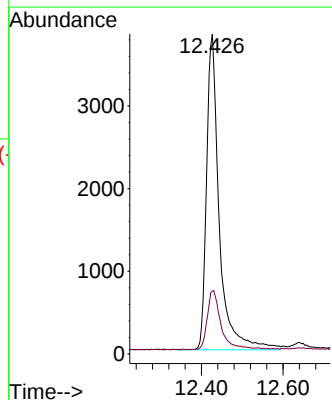
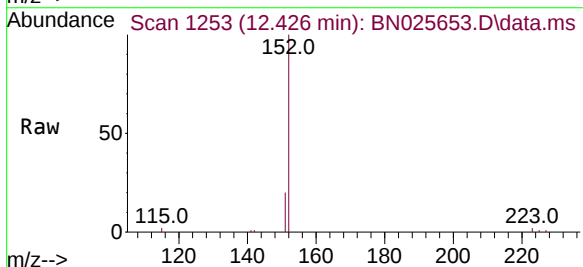
Instrument :
 BNA_N
 ClientSampleId :
 RE137-20230519

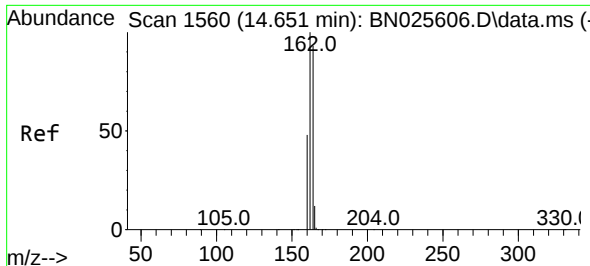
Tgt Ion: 82 Resp: 4152
 Ion Ratio Lower Upper
 82 100
 128 44.1 32.5 48.7
 54 52.3 40.6 60.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.357 ng
 RT: 12.426 min Scan# 1253
 Delta R.T. 0.004 min
 Lab File: BN025653.D
 Acq: 27 May 2023 20:00

Tgt Ion: 152 Resp: 8247
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.1 24.1

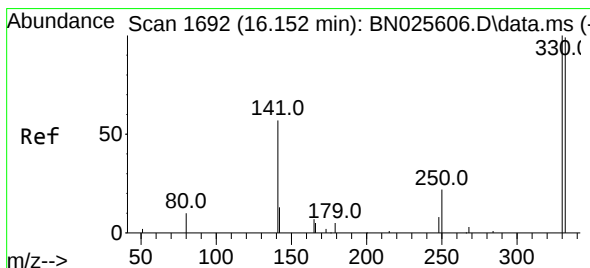
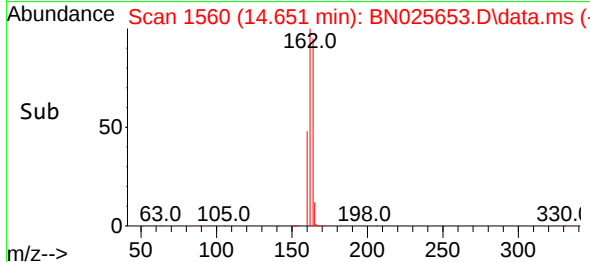
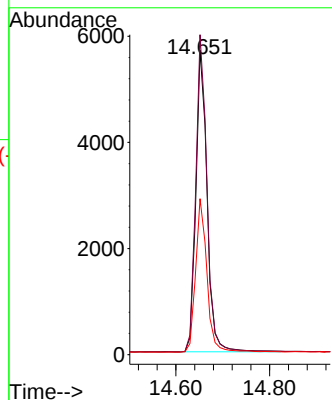
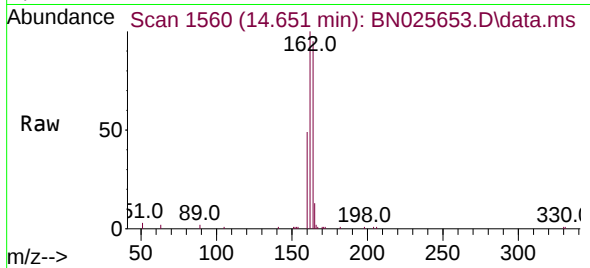




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

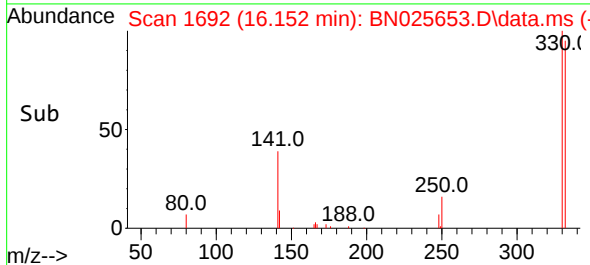
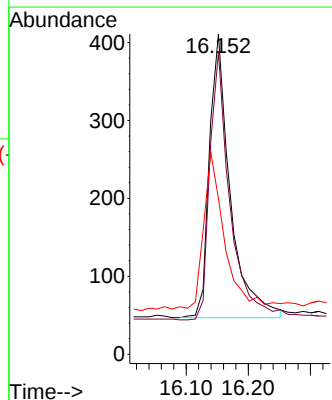
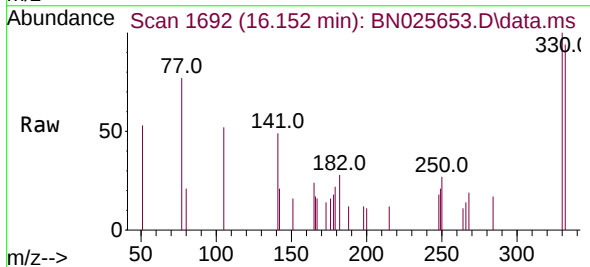
Instrument :
BNA_N
ClientSampleId :
RE137-20230519

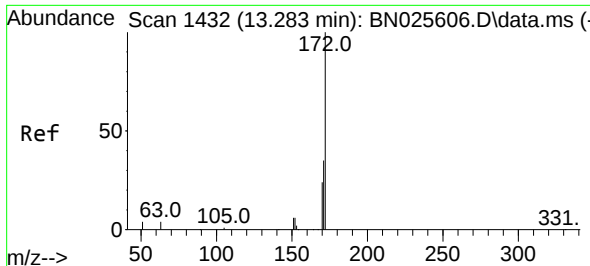
Tgt Ion:164 Resp: 9450
Ion Ratio Lower Upper
164 100
162 105.1 86.4 129.6
160 51.2 41.9 62.9



#14
2,4,6-Tribromophenol
Concen: 0.443 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

Tgt Ion:330 Resp: 847
Ion Ratio Lower Upper
330 100
332 90.8 80.0 120.0
141 55.8 45.8 68.6

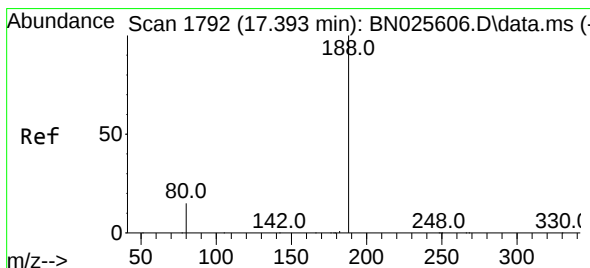
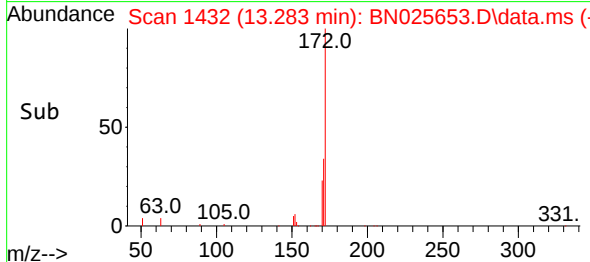
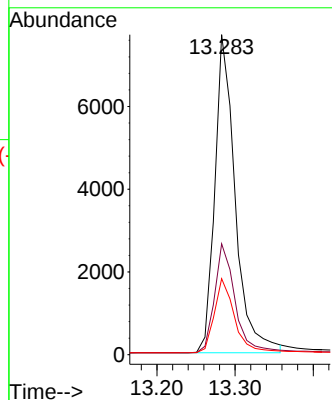
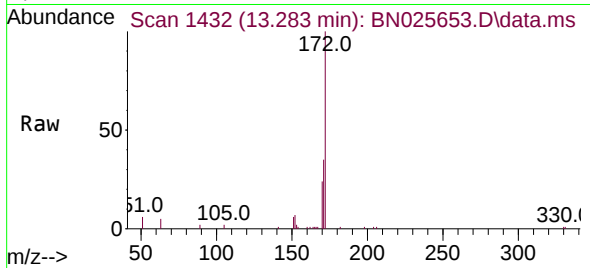




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

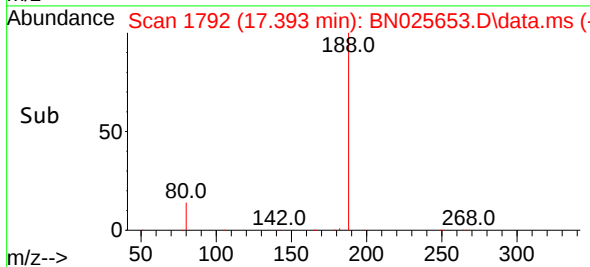
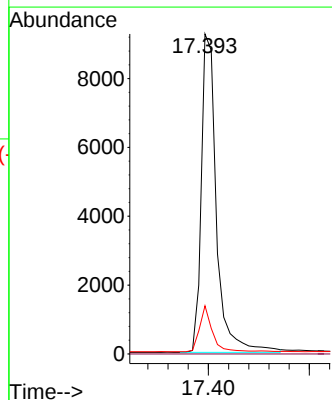
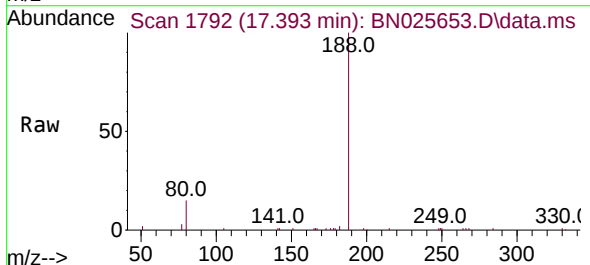
Instrument :
BNA_N
ClientSampleId :
RE137-20230519

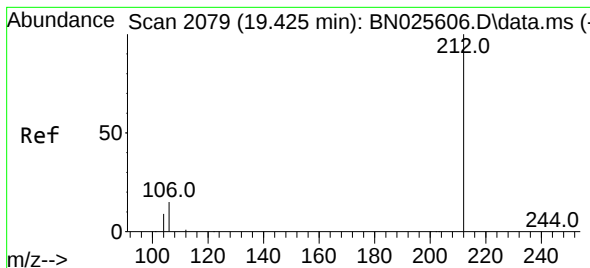
Tgt Ion:	172	Resp:	13973
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	23.8	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

Tgt Ion:	188	Resp:	19329
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.0	12.2	18.2

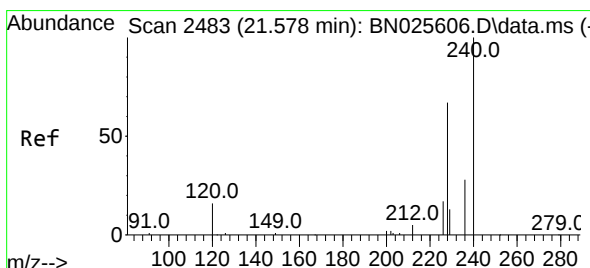
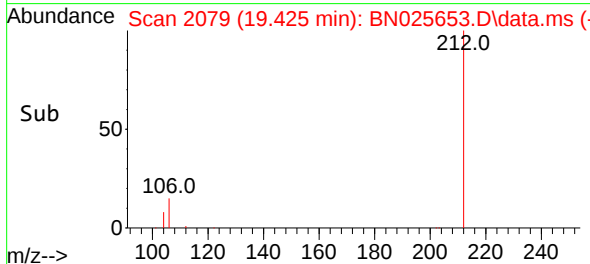
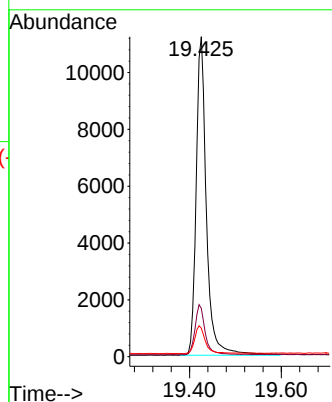
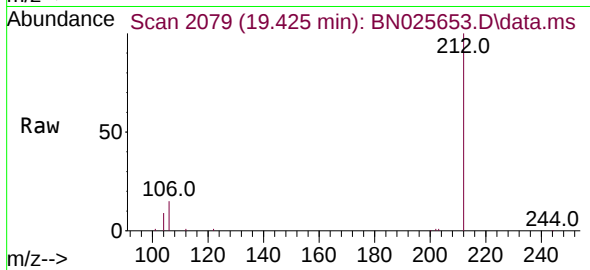




#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.425 min Scan# 2079
Delta R.T. 0.005 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

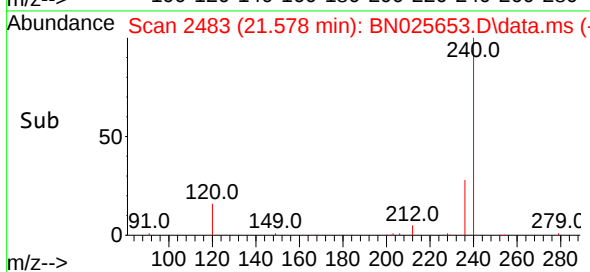
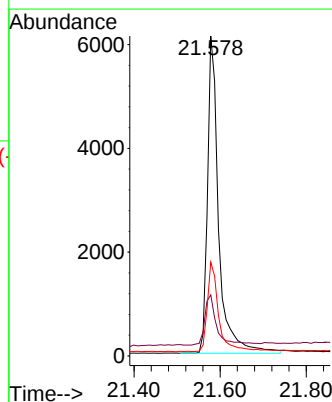
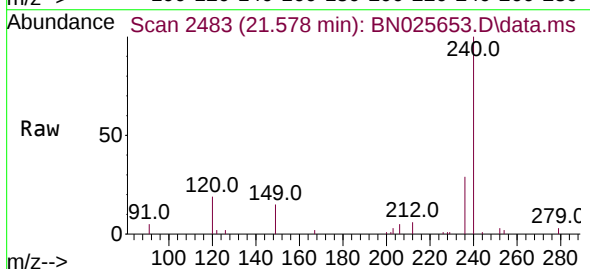
Instrument :
BNA_N
ClientSampleId :
RE137-20230519

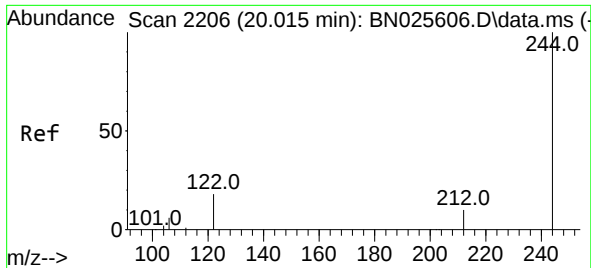
Tgt Ion:212 Resp: 17364
Ion Ratio Lower Upper
212 100
106 15.6 12.3 18.5
104 9.2 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

Tgt Ion:240 Resp: 11061
Ion Ratio Lower Upper
240 100
120 19.1 15.4 23.0
236 29.3 23.2 34.8

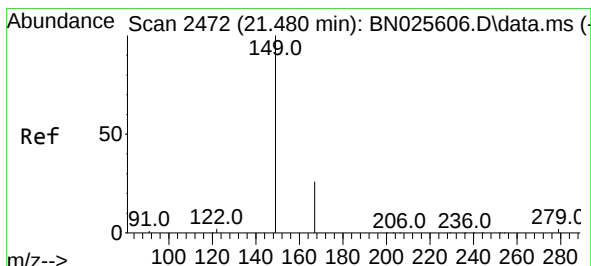
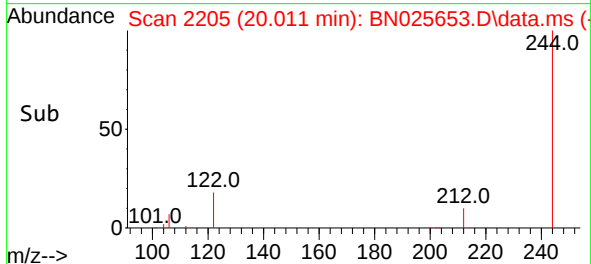
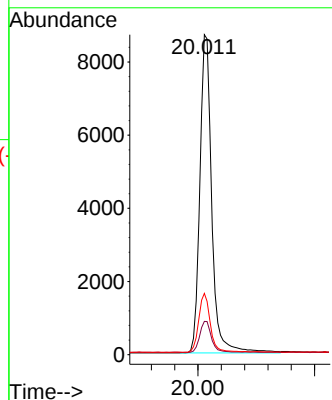
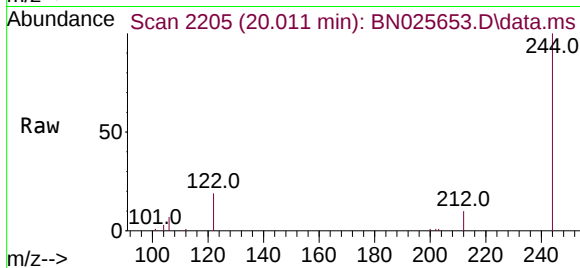




#31
 Terphenyl-d14
 Concen: 0.510 ng
 RT: 20.011 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN025653.D
 Acq: 27 May 2023 20:00

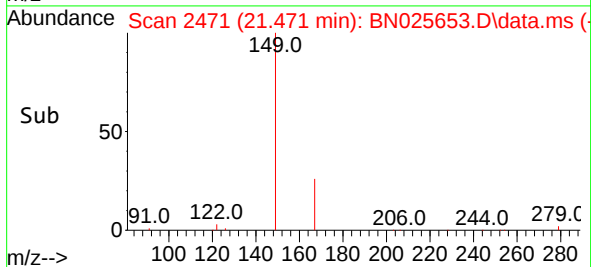
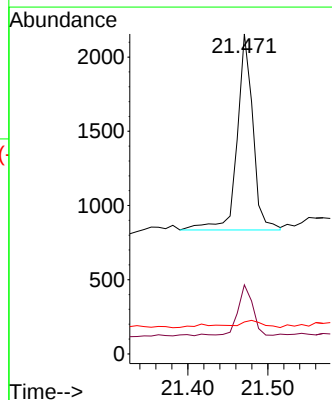
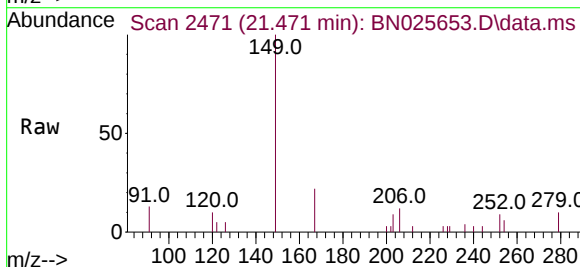
Instrument :
 BNA_N
 ClientSampleId :
 RE137-20230519

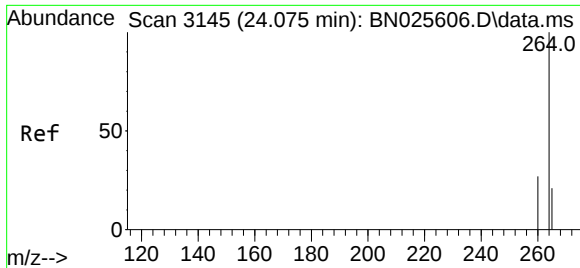
Tgt Ion:244 Resp: 12347
 Ion Ratio Lower Upper
 244 100
 212 10.4 8.5 12.7
 122 19.1 14.9 22.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.072 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN025653.D
 Acq: 27 May 2023 20:00

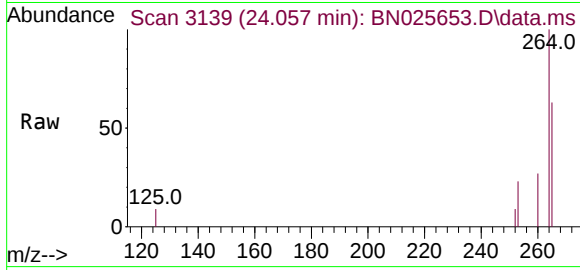
Tgt Ion:149 Resp: 1814
 Ion Ratio Lower Upper
 149 100
 167 24.6 20.4 30.6
 279 4.6 3.3 4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.057 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

Instrument :
BNA_N
ClientSampleId :
RE137-20230519



Tgt Ion:264 Resp: 9890

Ion	Ratio	Lower	Upper
264	100		
260	27.3	22.3	33.5
265	62.6	54.3	81.5

