

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022971.D
 Acq On : 30 Nov 2022 04:06
 Operator : CG/JU
 Sample : N5729-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20221117

Quant Time: Nov 30 04:37:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 00:45:21 2022
 Response via : Initial Calibration

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

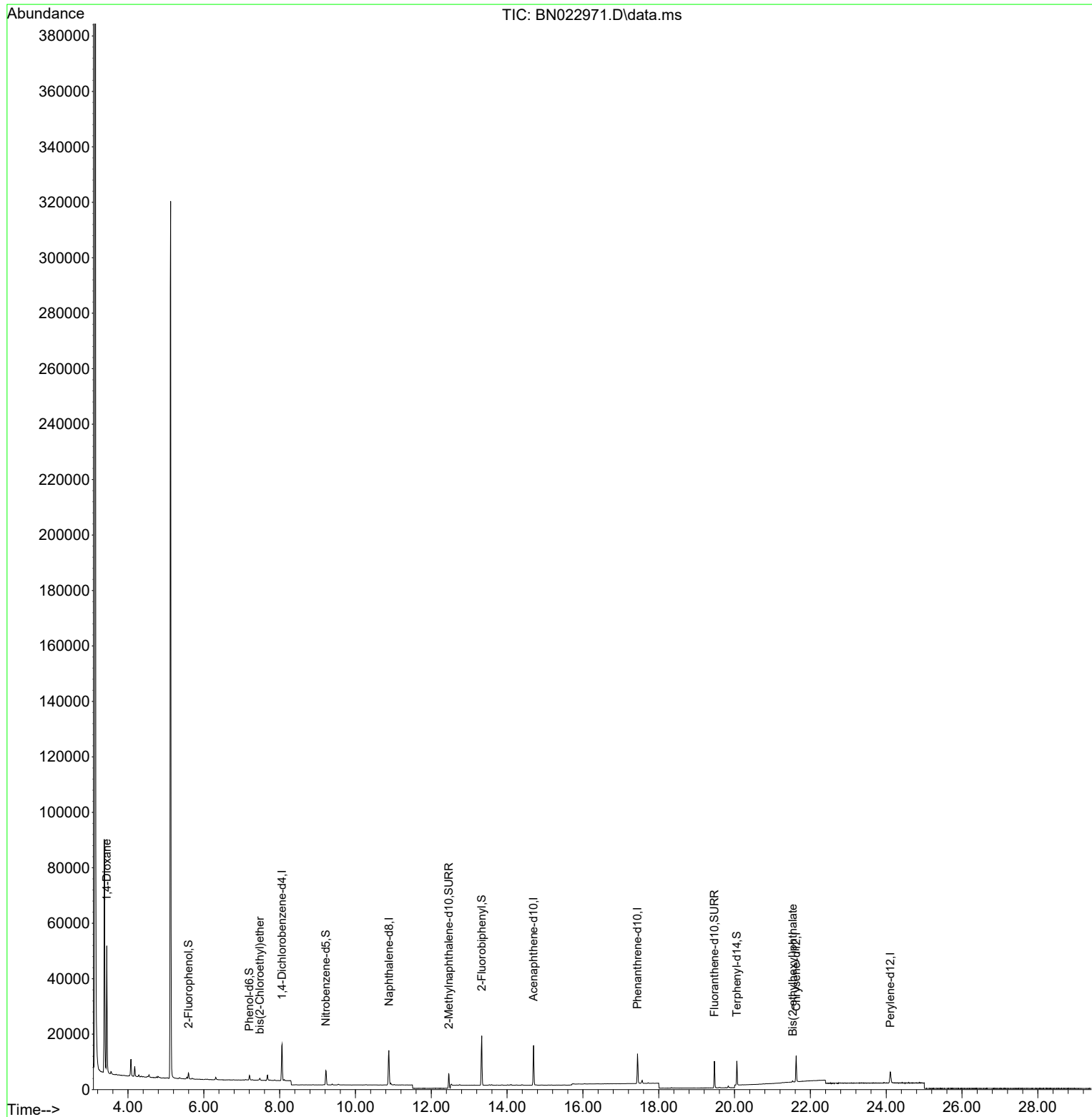
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	6190	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	16260	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	7356	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	13840	0.400	ng	0.00
29) Chrysene-d12	21.625	240	8115	0.400	ng	# 0.00
35) Perylene-d12	24.109	264	6095	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1693	0.105	ng	0.00
5) Phenol-d6	7.204	99	1307	0.064	ng	0.00
8) Nitrobenzene-d5	9.217	82	4308	0.341	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	7564	0.214	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	39	0.011	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	14473	0.430	ng	0.00
27) Fluoranthene-d10	19.469	212	9980	0.265	ng	0.00
31) Terphenyl-d14	20.058	244	7610	0.399	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.441	88	25716	3.273	ng	99
6) bis(2-Chloroethyl)ether	7.479	93	464	0.024	ng	91
34) Bis(2-ethylhexyl)phtha...	21.535	149	565	0.043	ng	# 99

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

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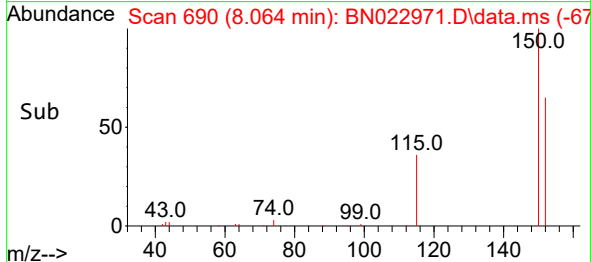
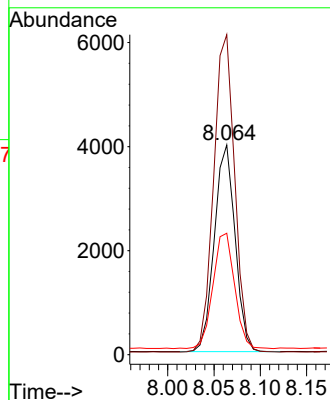
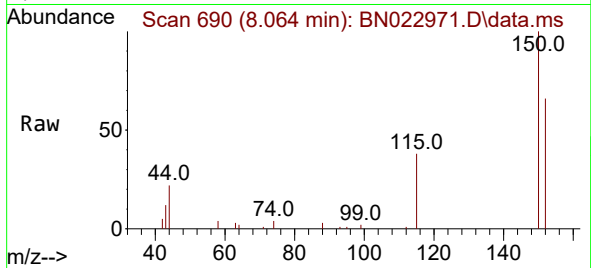




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

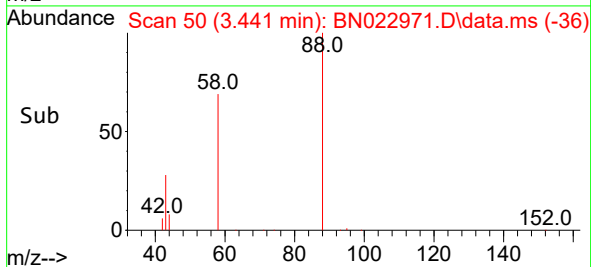
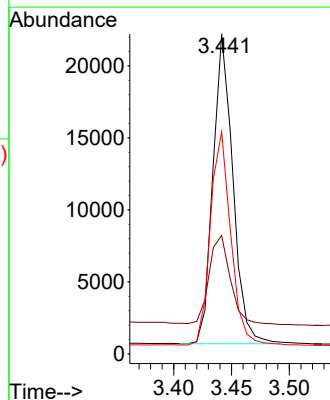
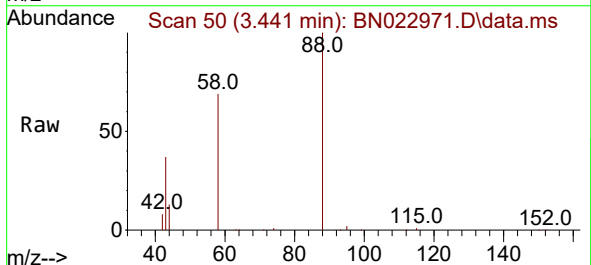
Instrument :
BNA_N
ClientSampleId :
DUP02-20221117

Tgt Ion:152 Resp: 6190
Ion Ratio Lower Upper
152 100
150 152.6 121.2 181.8
115 57.9 46.2 69.4



#2
1,4-Dioxane
Concen: 3.273 ng
RT: 3.441 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

Tgt Ion: 88 Resp: 25716
Ion Ratio Lower Upper
88 100
43 30.8 25.4 38.2
58 70.3 56.5 84.7

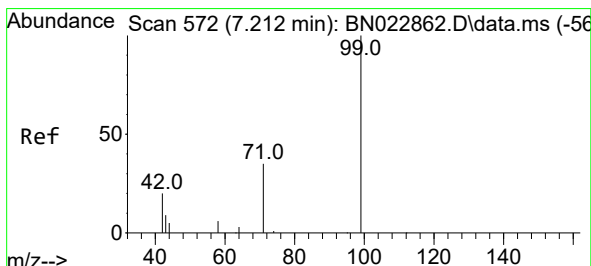
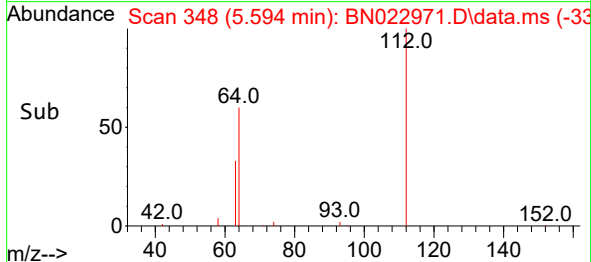
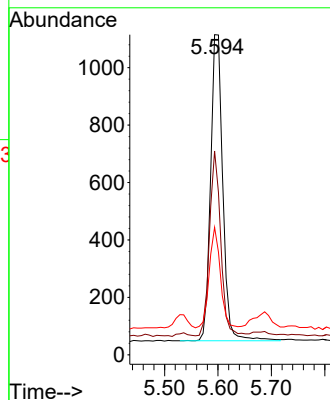
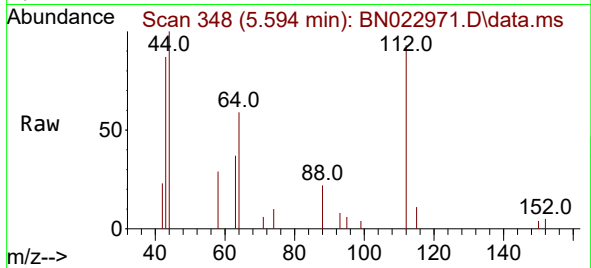




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.594 min Scan# 34
Delta R.T. -0.007 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

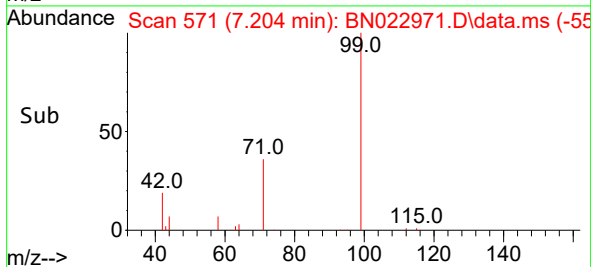
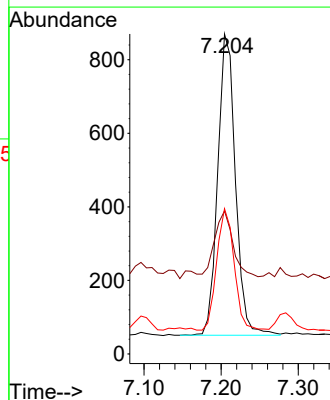
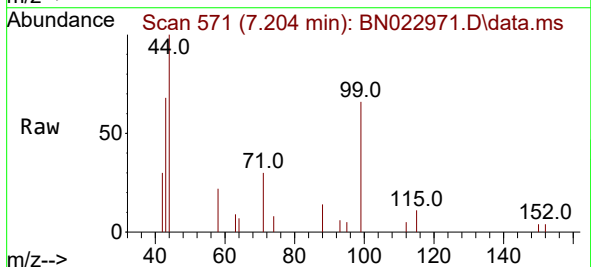
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ClientSampleId :
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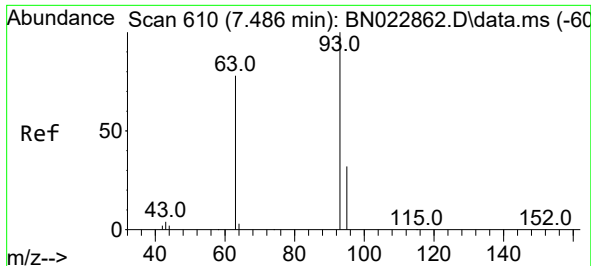
Tgt Ion:112 Resp: 1693
Ion Ratio Lower Upper
112 100
64 55.5 43.4 65.2
63 29.9 23.4 35.2



#5
Phenol-d6
Concen: 0.064 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

Tgt Ion: 99 Resp: 1307
Ion Ratio Lower Upper
99 100
42 22.8 16.0 24.0
71 39.5 26.8 40.2

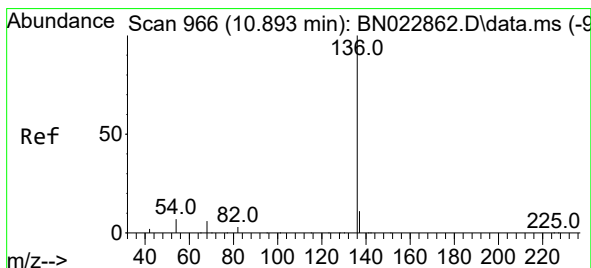
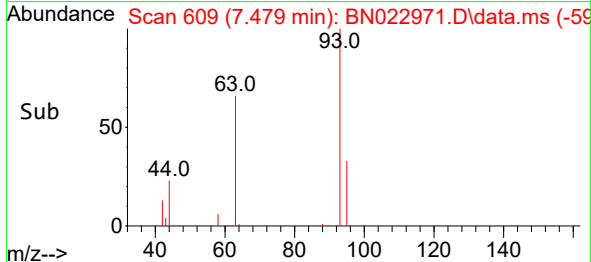
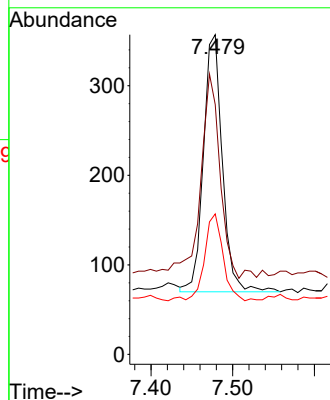
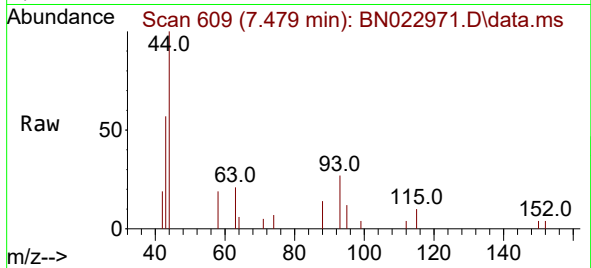




#6
bis(2-Chloroethyl)ether
Concen: 0.024 ng
RT: 7.479 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

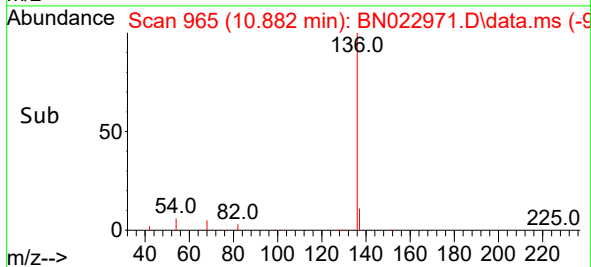
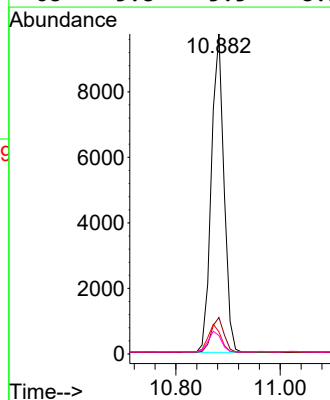
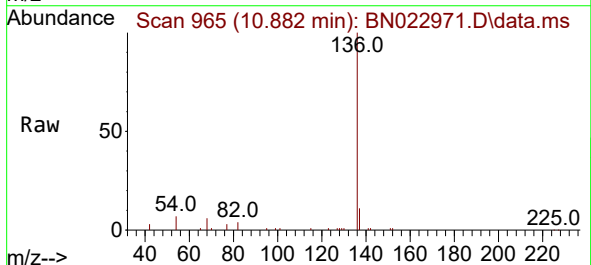
Instrument :
BNA_N
ClientSampleId :
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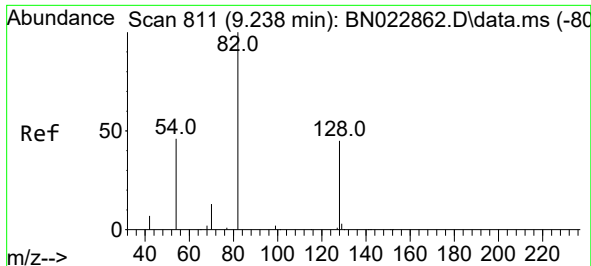
Tgt Ion: 93 Resp: 464
Ion Ratio Lower Upper
93 100
63 83.0 58.3 87.5
95 33.4 25.8 38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 965
Delta R.T. 0.000 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

Tgt Ion: 136 Resp: 16260
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 6.9 6.6 9.8
68 5.8 5.5 8.3

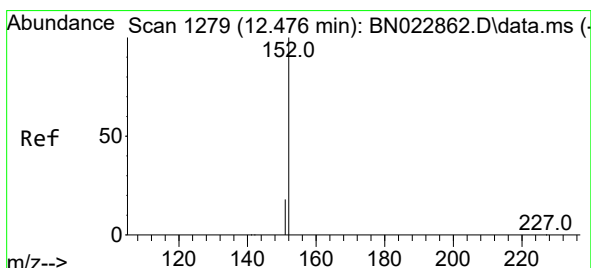
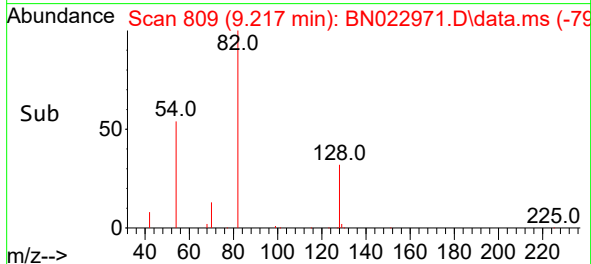
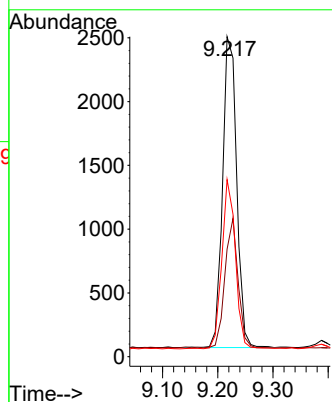
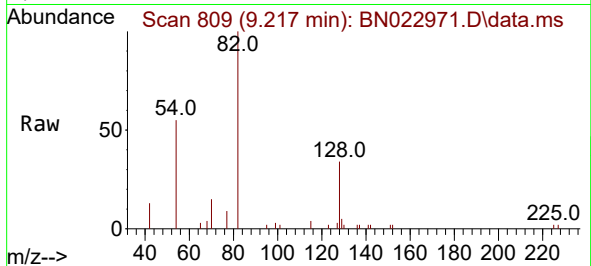




#8
 Nitrobenzene-d5
 Concen: 0.341 ng
 RT: 9.217 min Scan# 809
 Delta R.T. -0.011 min
 Lab File: BN022971.D
 Acq: 30 Nov 2022 04:06

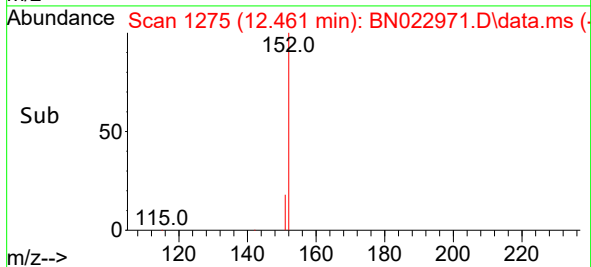
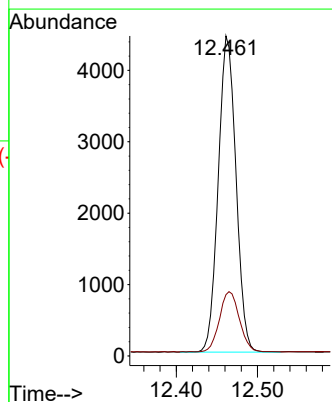
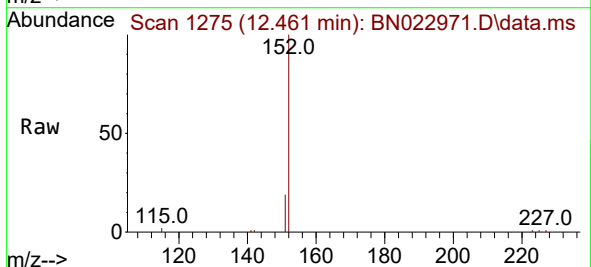
Instrument :
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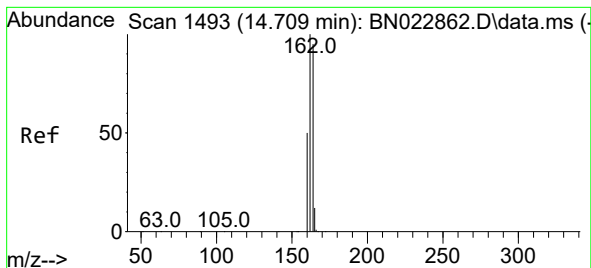
Tgt Ion: 82 Resp: 4308
 Ion Ratio Lower Upper
 82 100
 128 33.6 36.6 54.8#
 54 55.4 38.5 57.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.214 ng
 RT: 12.461 min Scan# 1275
 Delta R.T. -0.004 min
 Lab File: BN022971.D
 Acq: 30 Nov 2022 04:06

Tgt Ion:152 Resp: 7564
 Ion Ratio Lower Upper
 152 100
 151 21.9 18.6 27.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.698 min Scan# 1492

Delta R.T. 0.000 min

Lab File: BN022971.D

Acq: 30 Nov 2022 04:06

Instrument :

BNA_N

ClientSampleId :

DUP02-20221117

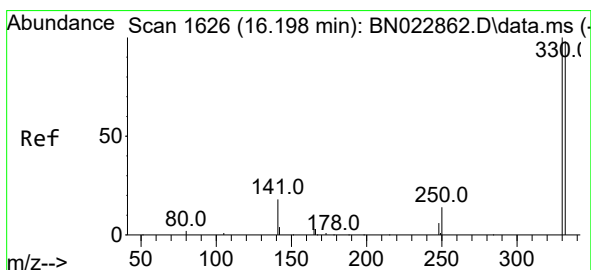
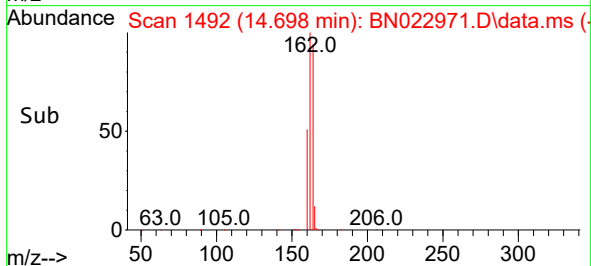
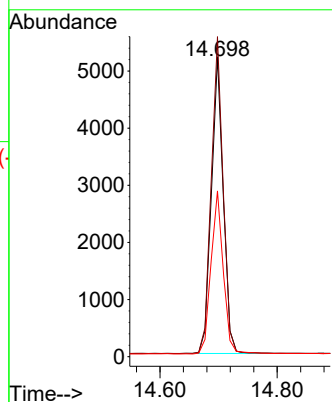
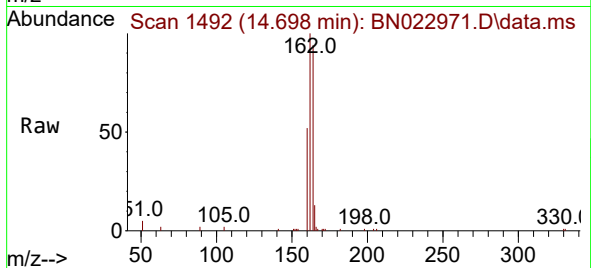
Tgt Ion:164 Resp: 7356

Ion Ratio Lower Upper

164 100

162 106.7 84.2 126.4

160 55.3 42.5 63.7



#14

2,4,6-Tribromophenol

Concen: 0.011 ng

RT: 16.185 min Scan# 1625

Delta R.T. 0.000 min

Lab File: BN022971.D

Acq: 30 Nov 2022 04:06

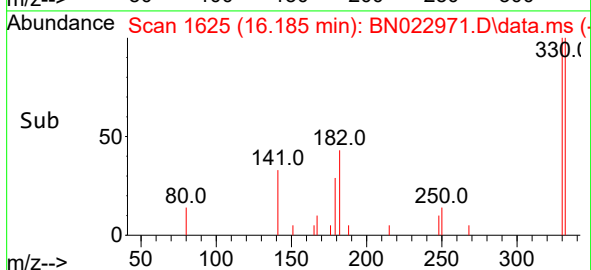
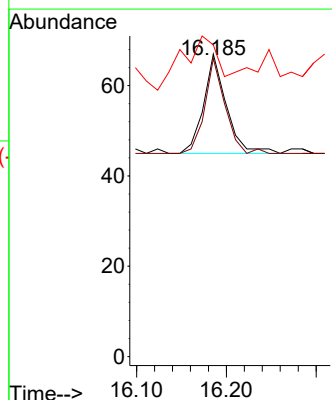
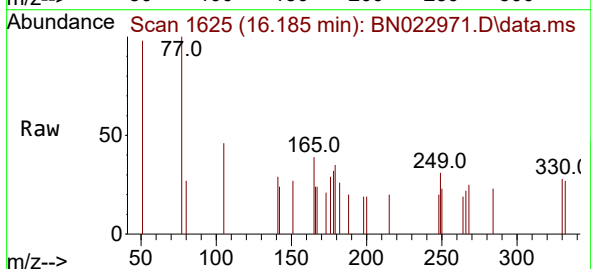
Tgt Ion:330 Resp: 39

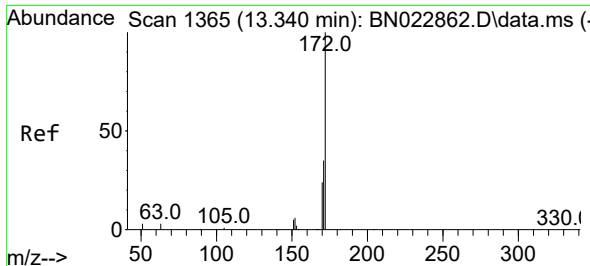
Ion Ratio Lower Upper

330 100

332 84.6 76.5 114.7

141 92.3 32.6 48.8#

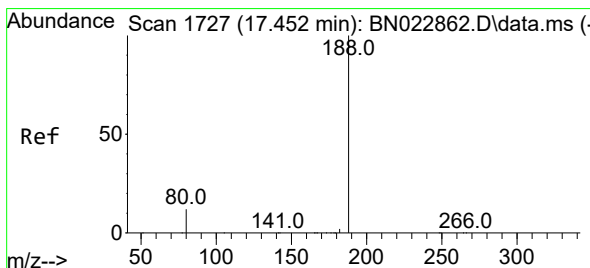
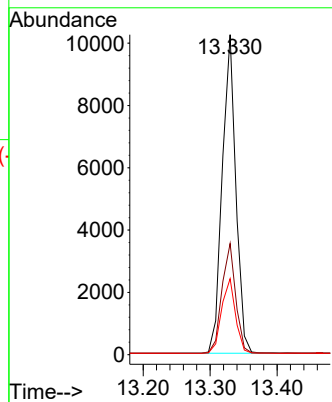
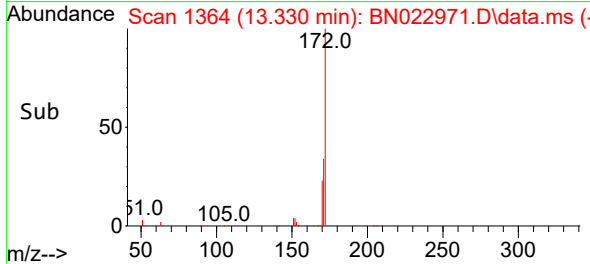
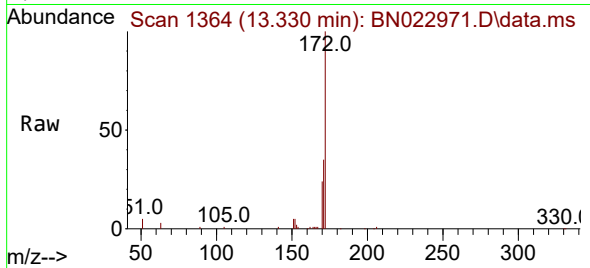




#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 13.330 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

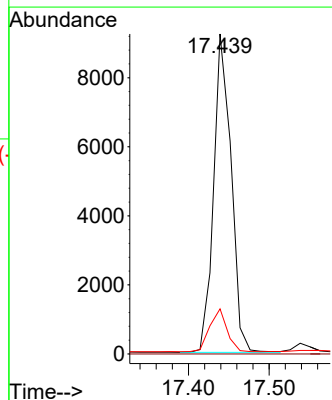
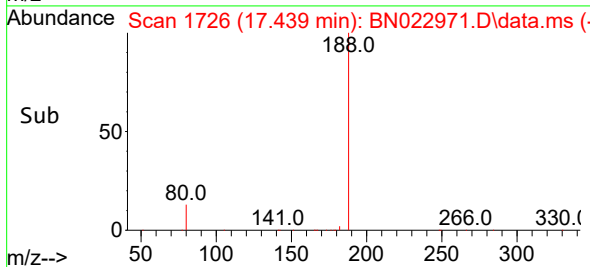
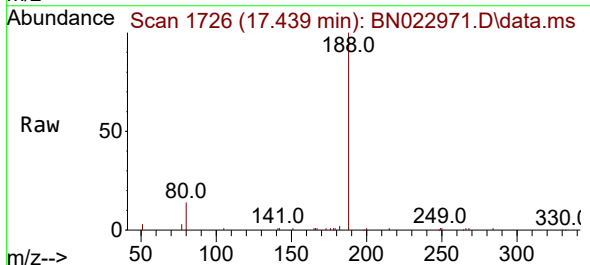
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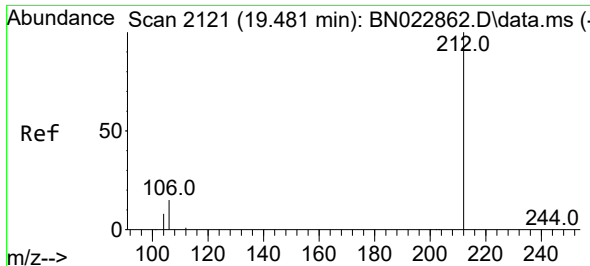
Tgt Ion:	172	Resp:	14473
Ion Ratio	Lower	Upper	
172	100		
171	34.7	28.2	42.4
170	23.7	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

Tgt Ion:	188	Resp:	13840
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.1	10.3	15.5

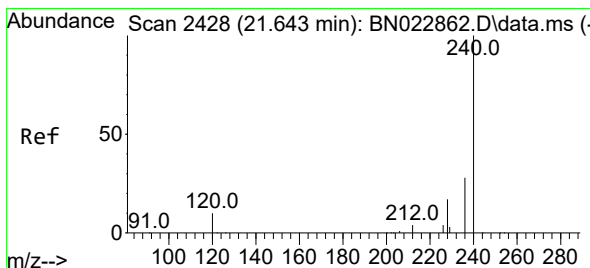
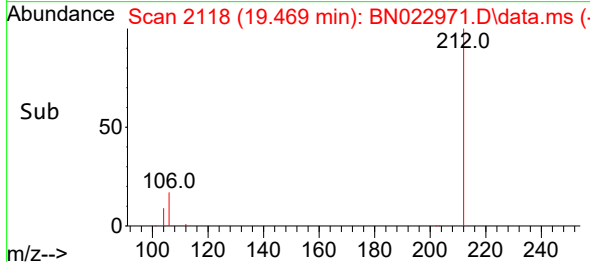
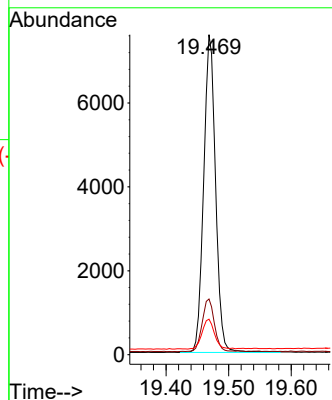
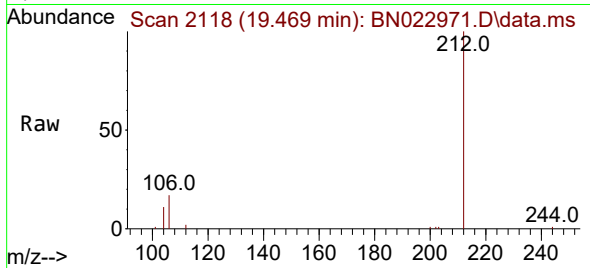




#27
Fluoranthene-d10
Concen: 0.265 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

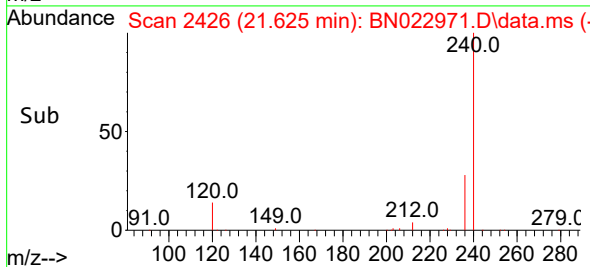
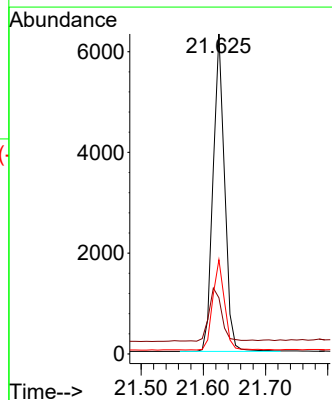
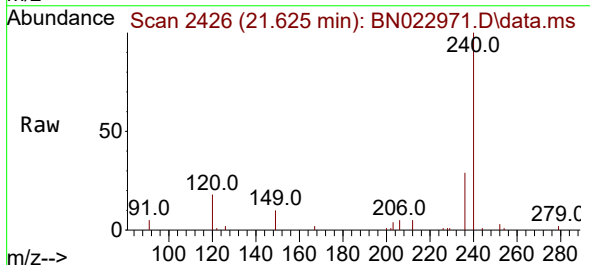
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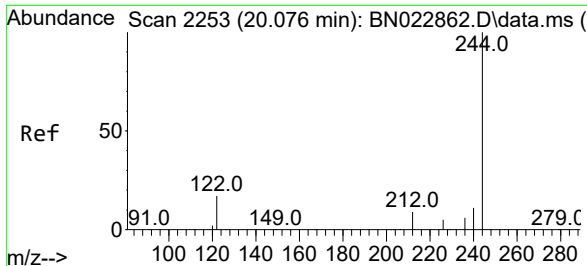
Tgt Ion:212 Resp: 9980
Ion Ratio Lower Upper
212 100
106 17.1 12.3 18.5
104 9.8 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

Tgt Ion:240 Resp: 8115
Ion Ratio Lower Upper
240 100
120 17.5 9.2 13.8#
236 29.4 22.6 34.0

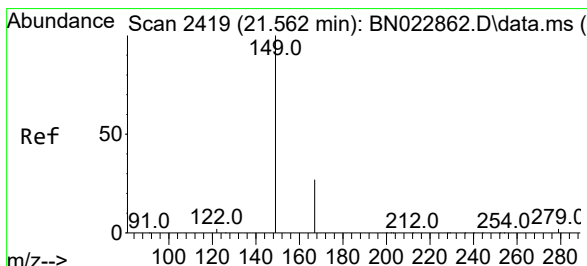
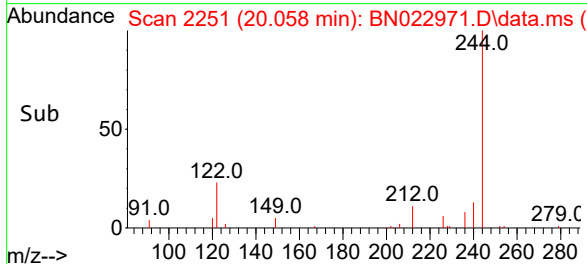
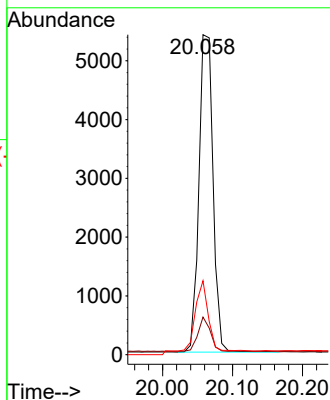
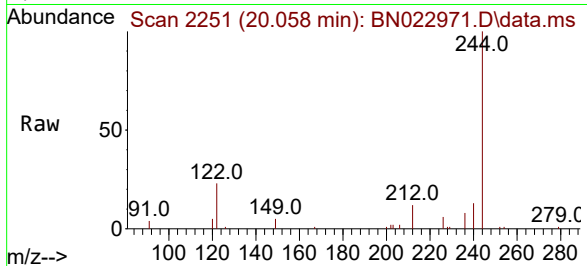




#31
 Terphenyl-d14
 Concen: 0.399 ng
 RT: 20.058 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN022971.D
 Acq: 30 Nov 2022 04:06

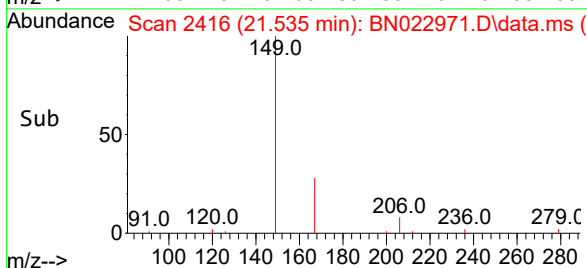
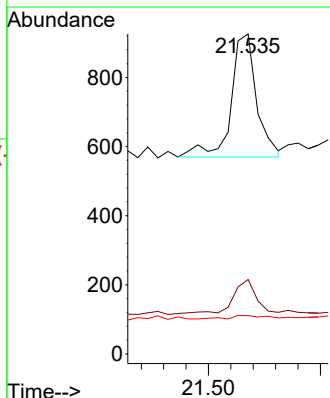
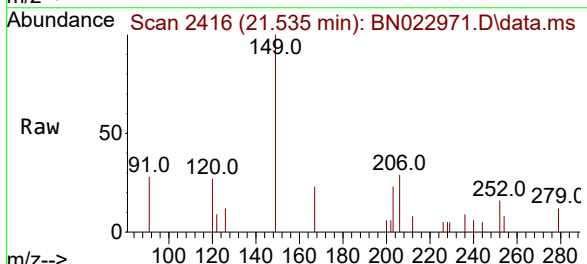
Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20221117

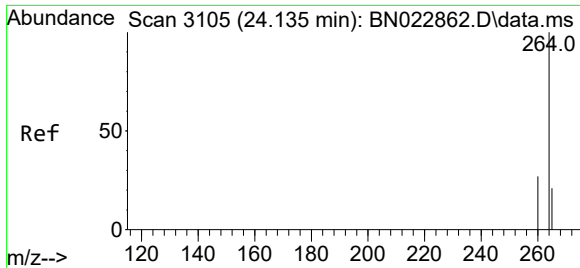
Tgt Ion:244 Resp: 7610
 Ion Ratio Lower Upper
 244 100
 212 11.8 7.9 11.9
 122 23.1 13.9 20.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.043 ng
 RT: 21.535 min Scan# 2416
 Delta R.T. -0.004 min
 Lab File: BN022971.D
 Acq: 30 Nov 2022 04:06

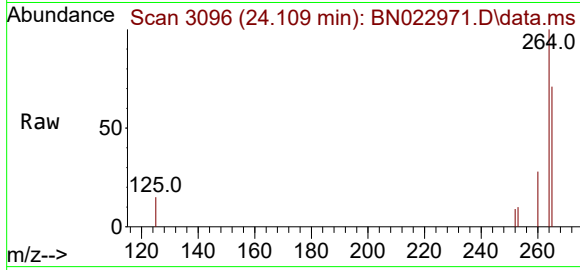
Tgt Ion:149 Resp: 565
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 5.0 2.3 3.5#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.109 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

Instrument :
BNA_N
ClientSampleId :
DUP02-20221117



Tgt Ion:264	Resp:	6095
Ion	Ratio	Lower Upper
264	100	
260	28.2	21.7 32.5
265	71.1	31.0 46.4#

