

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
 Data File : BN023153.D
 Acq On : 13 Dec 2022 03:47
 Operator : CG/JU
 Sample : N6001-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-17

Quant Time: Dec 13 05:48:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:18:26 2022
 Response via : Initial Calibration

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

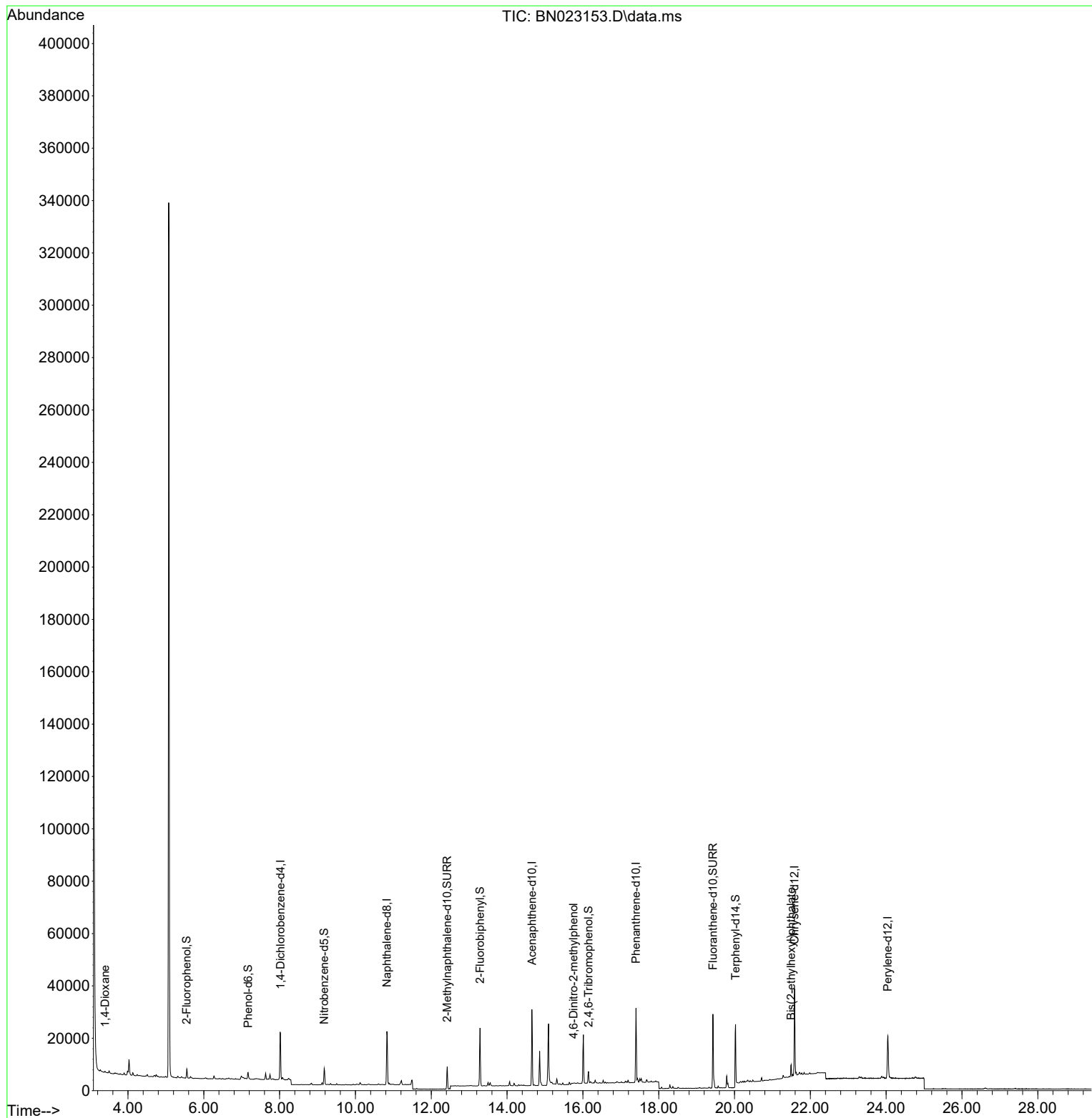
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	8782	0.400	ng	0.00
7) Naphthalene-d8	10.829	136	27402	0.400	ng	#-0.01
13) Acenaphthene-d10	14.655	164	15233	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	34187	0.400	ng	# 0.00
29) Chrysene-d12	21.584	240	27553	0.400	ng	# 0.00
35) Perylene-d12	24.043	264	23266	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.550	112	2696	0.165	ng	0.00
5) Phenol-d6	7.168	99	2262	0.109	ng	0.00
8) Nitrobenzene-d5	9.174	82	5149	0.285	ng	-0.01
11) 2-Methylnaphthalene-d10	12.420	152	10836	0.233	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	2464	0.446	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	17910	0.294	ng	0.00
27) Fluoranthene-d10	19.431	212	29304	0.366	ng	0.00
31) Terphenyl-d14	20.026	244	15457	0.346	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.398	88	237	0.027	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.751	198	22	0.235	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.495	149	4840	0.129	ng	98

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

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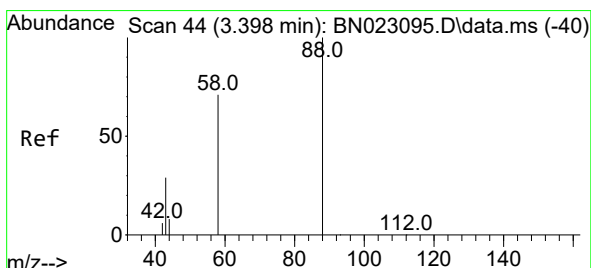
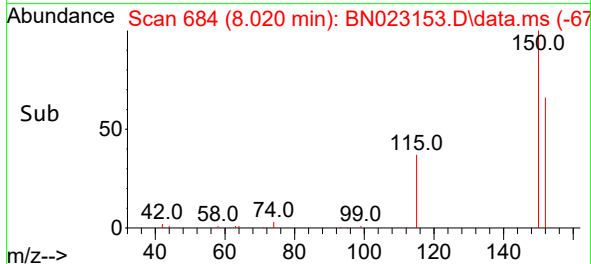
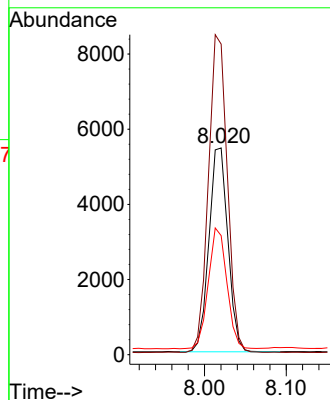
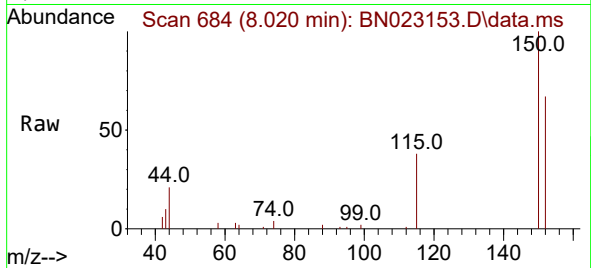




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.020 min Scan# 684
 Delta R.T. -0.001 min
 Lab File: BN023153.D
 Acq: 13 Dec 2022 03:47

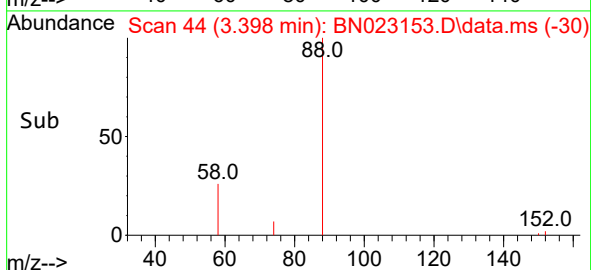
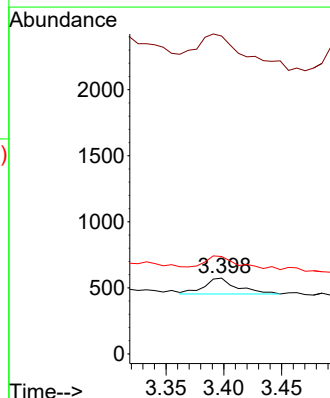
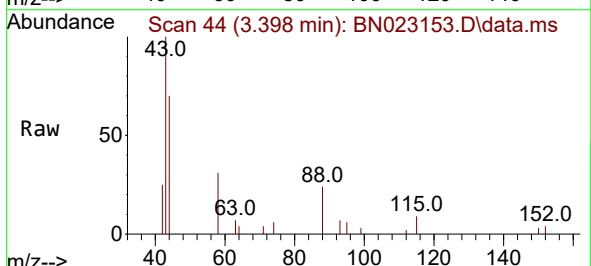
Instrument :
 BNA_N
 ClientSampleId :
 MW-17

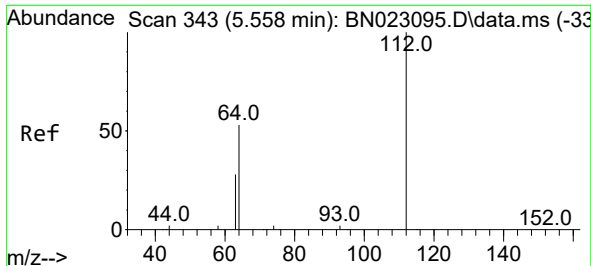
Tgt Ion:152 Resp: 8782
 Ion Ratio Lower Upper
 152 100
 150 150.2 125.6 188.4
 115 57.6 49.0 73.4



#2
 1,4-Dioxane
 Concen: 0.027 ng
 RT: 3.398 min Scan# 44
 Delta R.T. -0.000 min
 Lab File: BN023153.D
 Acq: 13 Dec 2022 03:47

Tgt Ion: 88 Resp: 237
 Ion Ratio Lower Upper
 88 100
 43 337.6 23.3 34.9#
 58 88.6 58.0 87.0#

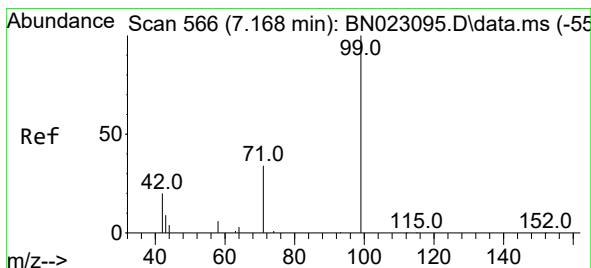
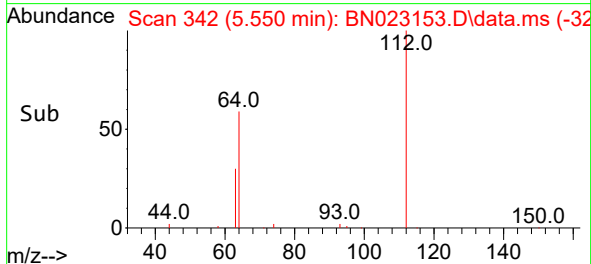
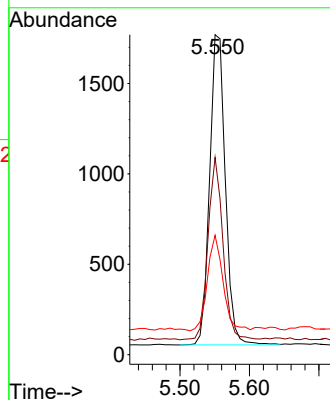
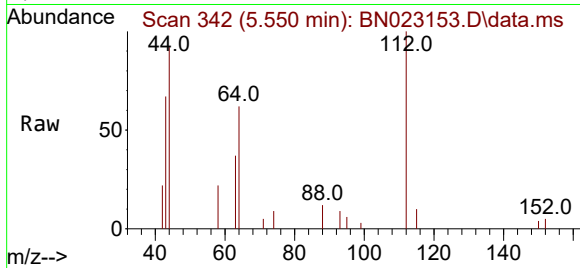




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.550 min Scan# 343
Delta R.T. -0.000 min
Lab File: BN023153.D
Acq: 13 Dec 2022 03:47

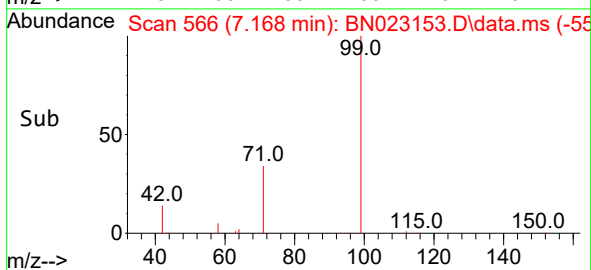
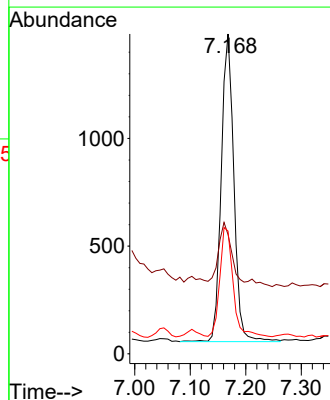
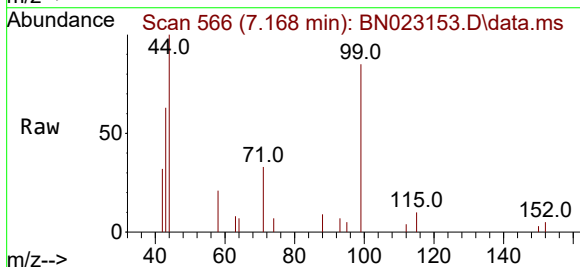
Instrument :
BNA_N
ClientSampleId :
MW-17

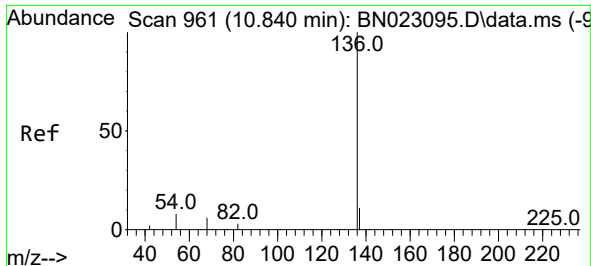
Tgt Ion:112 Resp: 2696
Ion Ratio Lower Upper
112 100
64 56.2 44.4 66.6
63 30.5 23.7 35.5



#5
Phenol-d6
Concen: 0.109 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN023153.D
Acq: 13 Dec 2022 03:47

Tgt Ion: 99 Resp: 2262
Ion Ratio Lower Upper
99 100
42 18.1 16.3 24.5
71 37.1 26.5 39.7

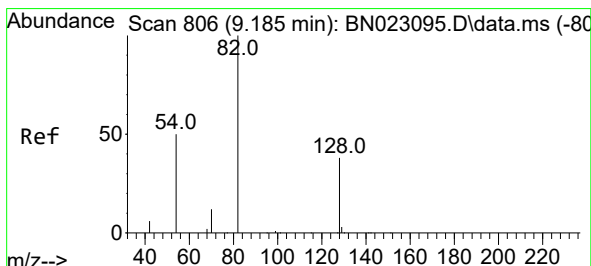
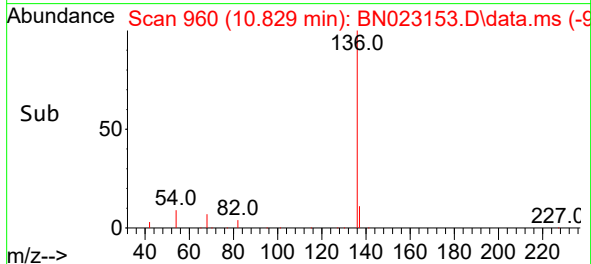
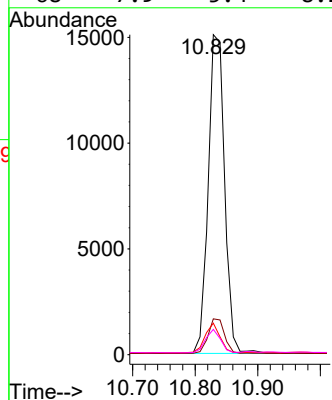
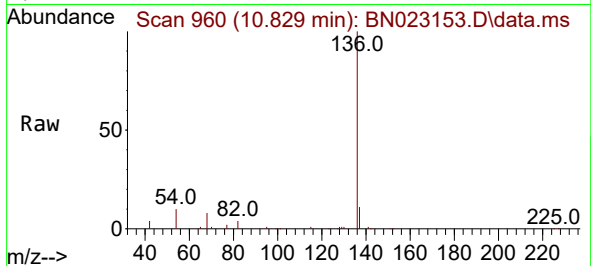




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.829 min Scan# 90
Delta R.T. -0.011 min
Lab File: BN023153.D
Acq: 13 Dec 2022 03:47

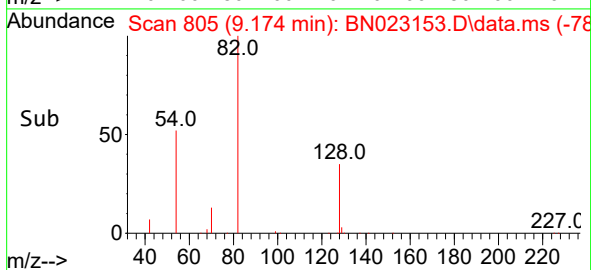
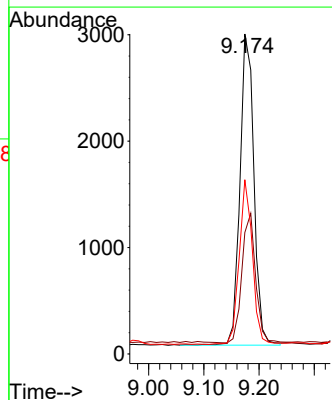
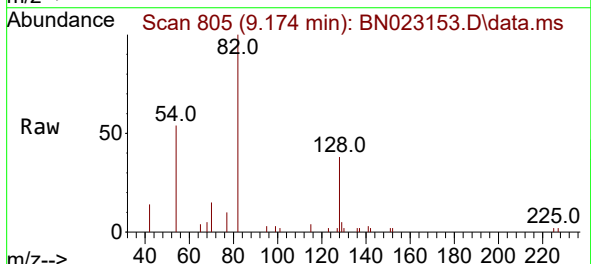
Instrument :
BNA_N
ClientSampleId :
MW-17

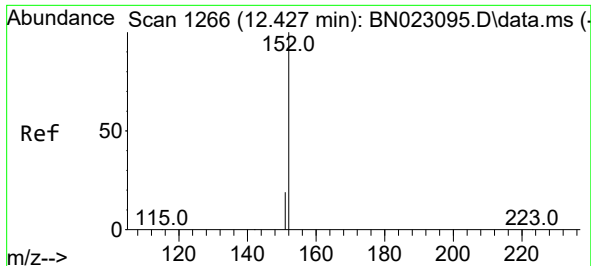
Tgt Ion:136	Resp:	27402
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	9.9	6.5 9.7#
68	7.9	5.4 8.2



#8
Nitrobenzene-d5
Concen: 0.285 ng
RT: 9.174 min Scan# 805
Delta R.T. -0.011 min
Lab File: BN023153.D
Acq: 13 Dec 2022 03:47

Tgt Ion: 82	Resp:	5149
Ion Ratio	Lower	Upper
82	100	
128	38.0	31.4 47.2
54	54.5	41.0 61.4

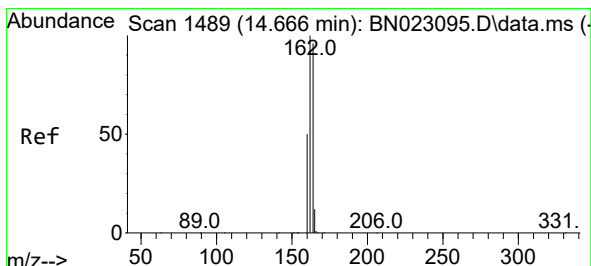
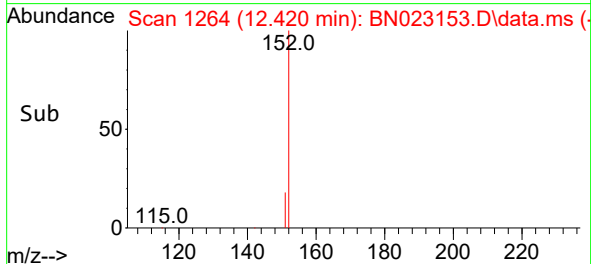
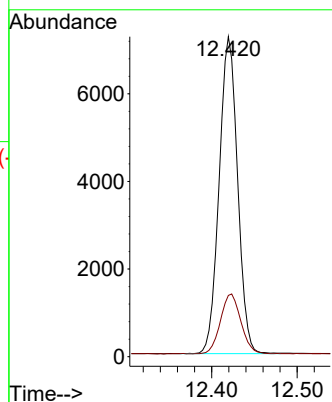
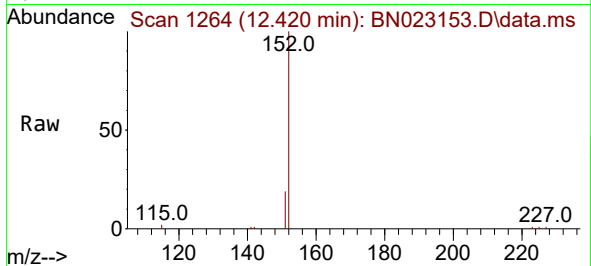




#11
2-Methylnaphthalene-d10
Concen: 0.233 ng
RT: 12.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023153.D
Acq: 13 Dec 2022 03:47

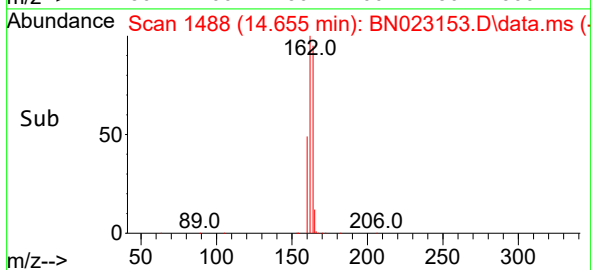
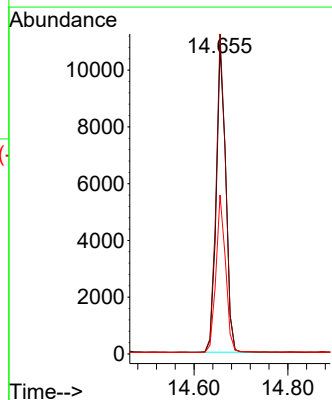
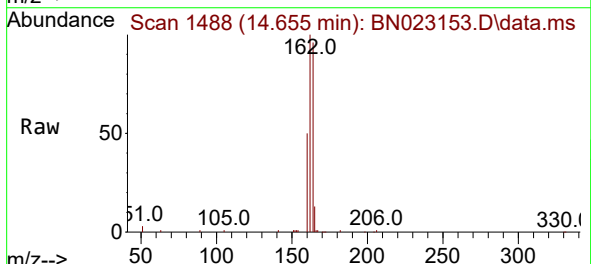
Instrument :
BNA_N
ClientSampleId :
MW-17

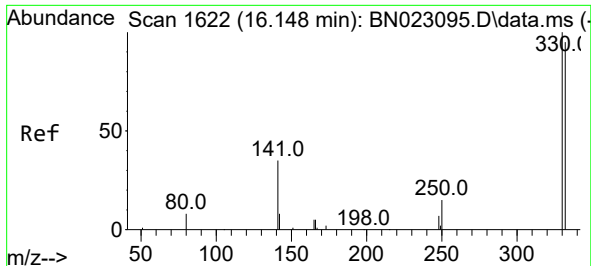
Tgt Ion:152 Resp: 10836
Ion Ratio Lower Upper
152 100
151 20.9 15.1 22.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.655 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN023153.D
Acq: 13 Dec 2022 03:47

Tgt Ion:164 Resp: 15233
Ion Ratio Lower Upper
164 100
162 104.3 83.4 125.0
160 51.8 41.8 62.8

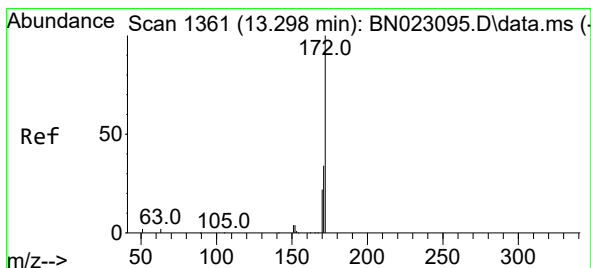
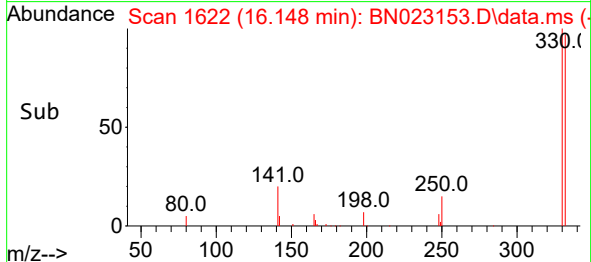
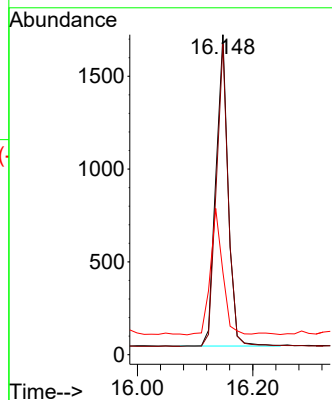
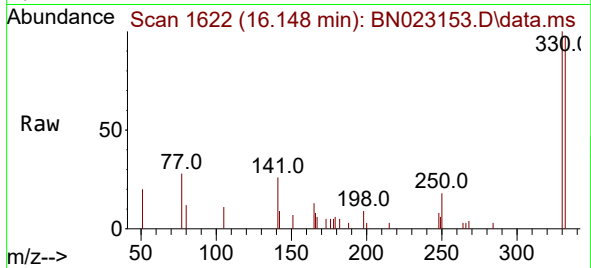




#14
2,4,6-Tribromophenol
Concen: 0.446 ng
RT: 16.148 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023153.D
Acq: 13 Dec 2022 03:47

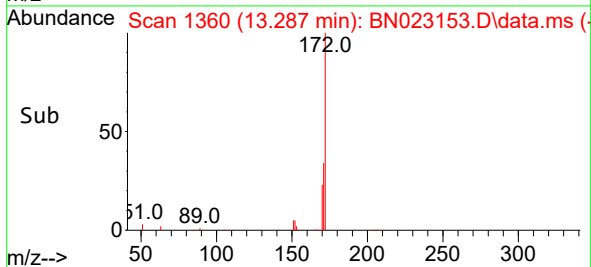
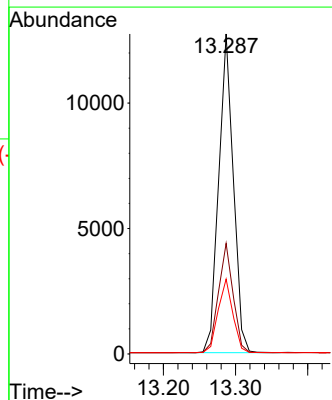
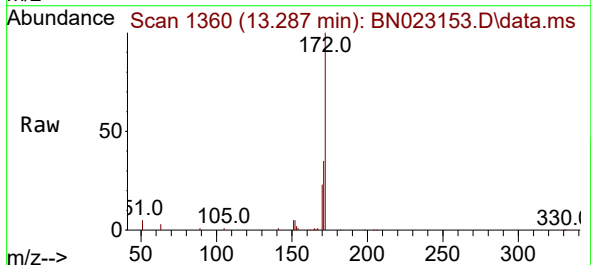
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ClientSampleId :
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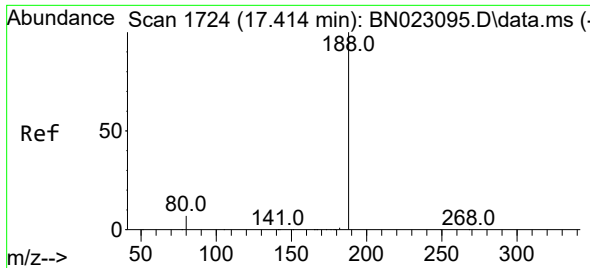
Tgt Ion: 330 Resp: 2464
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 40.8 33.5 50.3



#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 13.287 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BN023153.D
Acq: 13 Dec 2022 03:47

Tgt Ion: 172 Resp: 17910
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.0
170 23.4 17.9 26.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.402 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN023153.D

Acq: 13 Dec 2022 03:47

Instrument :

BNA_N

ClientSampleId :

MW-17

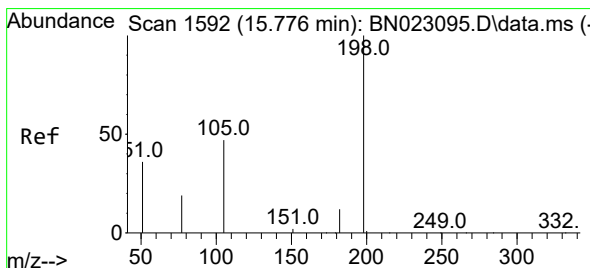
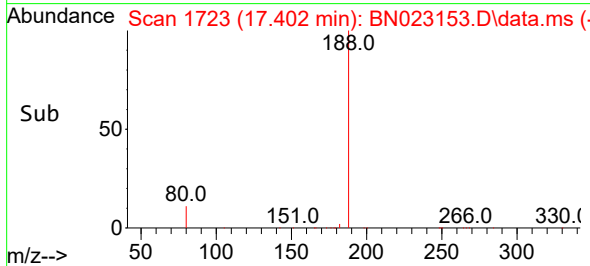
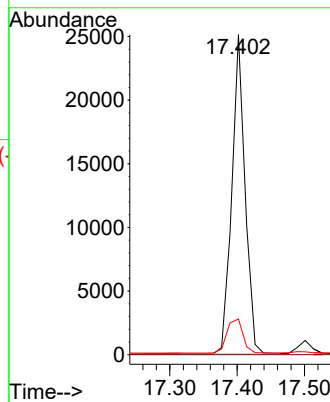
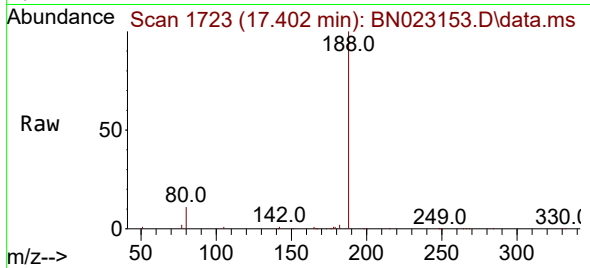
Tgt Ion:188 Resp: 34187

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.2 6.1 9.1#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.235 ng

RT: 15.751 min Scan# 1590

Delta R.T. -0.025 min

Lab File: BN023153.D

Acq: 13 Dec 2022 03:47

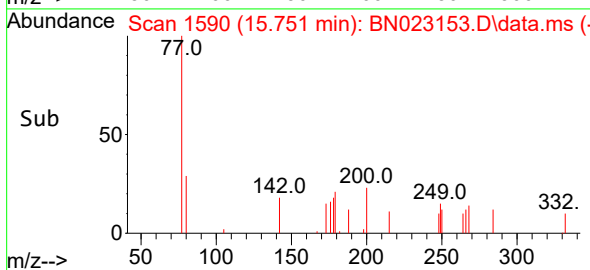
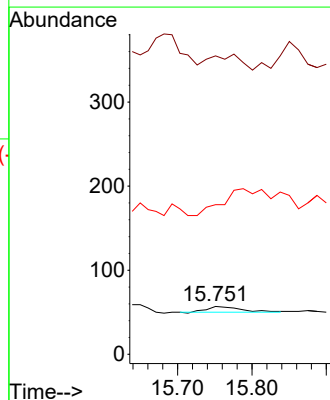
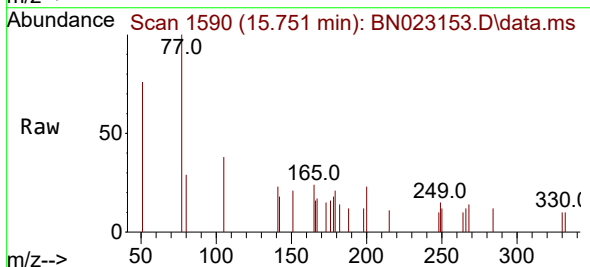
Tgt Ion:198 Resp: 22

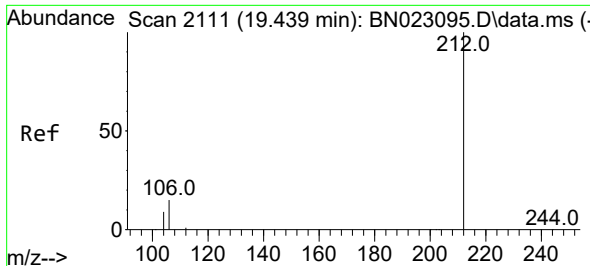
Ion Ratio Lower Upper

198 100

51 622.8 57.0 85.4#

105 312.3 47.2 70.8#

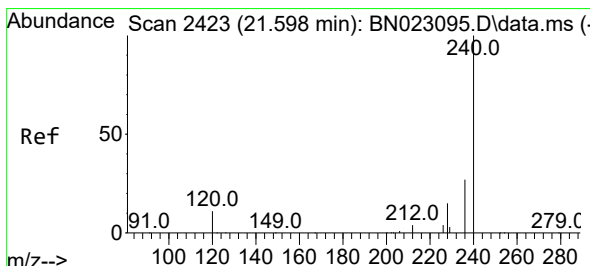
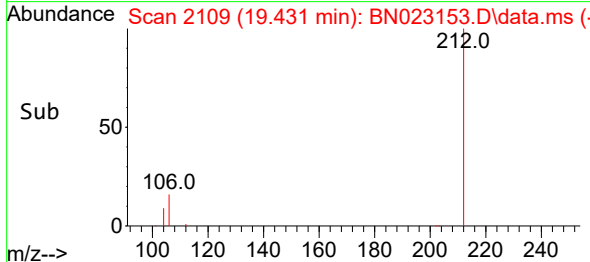
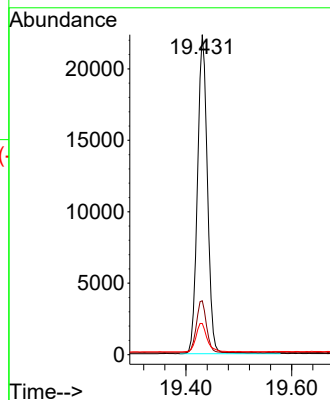
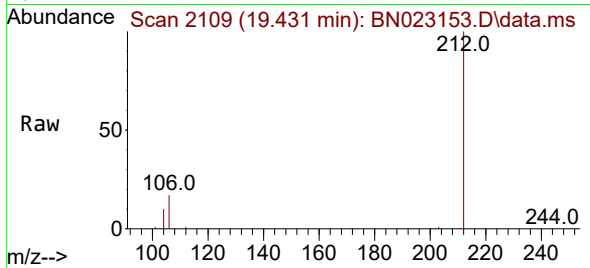




#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.431 min Scan# 2111
Delta R.T. -0.005 min
Lab File: BN023153.D
Acq: 13 Dec 2022 03:47

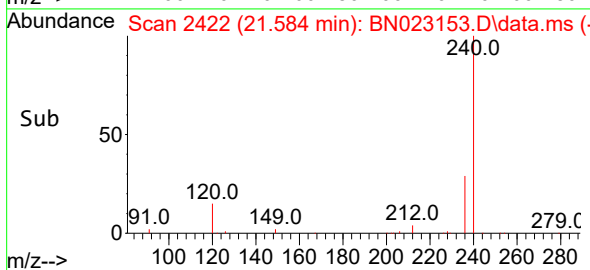
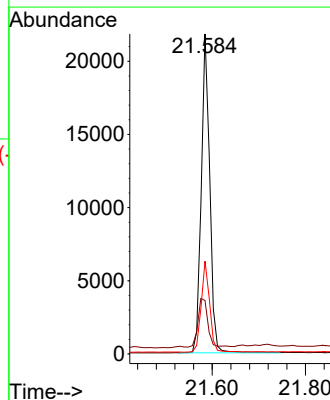
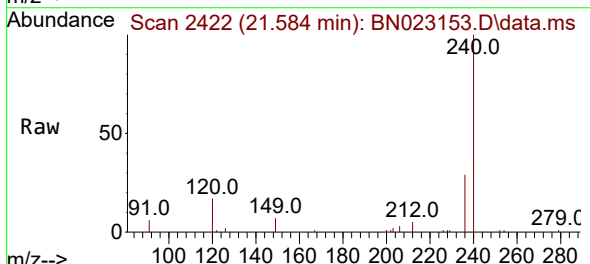
Instrument :
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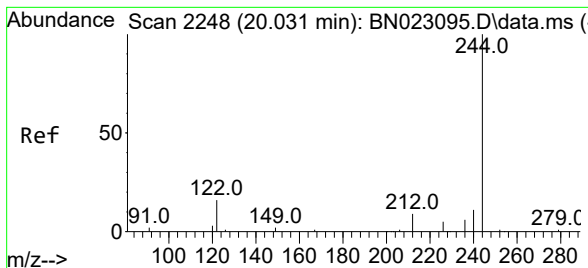
Tgt Ion:212 Resp: 29304
Ion Ratio Lower Upper
212 100
106 16.7 13.0 19.4
104 9.9 7.5 11.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.584 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BN023153.D
Acq: 13 Dec 2022 03:47

Tgt Ion:240 Resp: 27553
Ion Ratio Lower Upper
240 100
120 16.7 10.1 15.1#
236 29.0 22.2 33.4





#31

Terphenyl-d14

Concen: 0.346 ng

RT: 20.026 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN023153.D

Acq: 13 Dec 2022 03:47

Instrument :

BNA_N

ClientSampleId :

MW-17

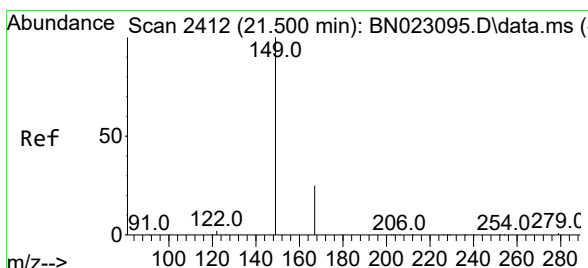
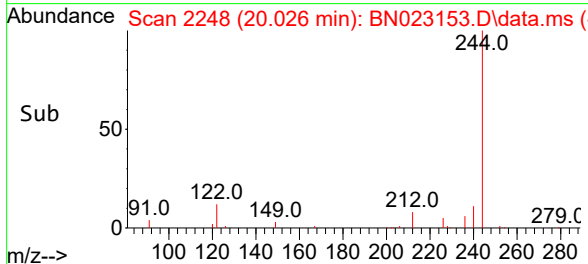
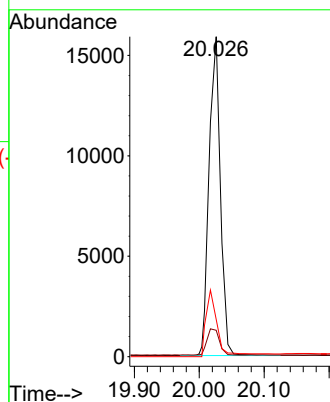
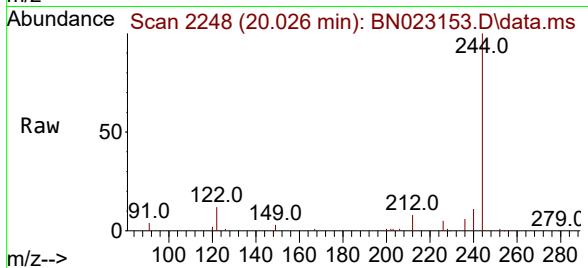
Tgt Ion:244 Resp: 15457

Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

122 11.6 12.6 18.8#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.129 ng

RT: 21.495 min Scan# 2412

Delta R.T. 0.004 min

Lab File: BN023153.D

Acq: 13 Dec 2022 03:47

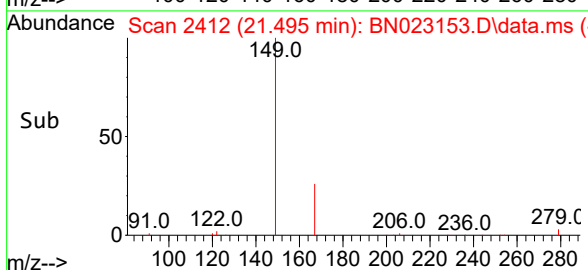
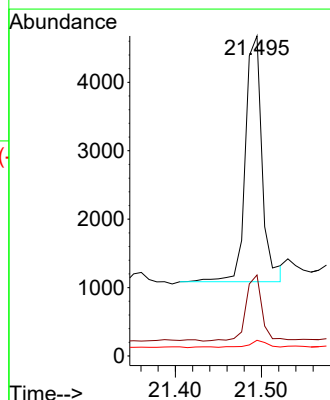
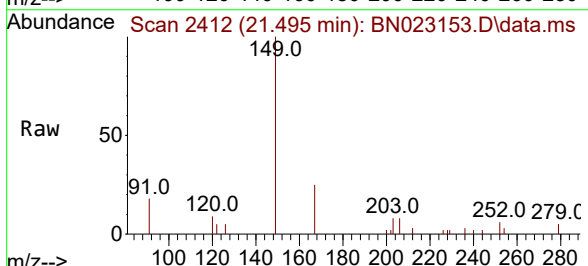
Tgt Ion:149 Resp: 4840

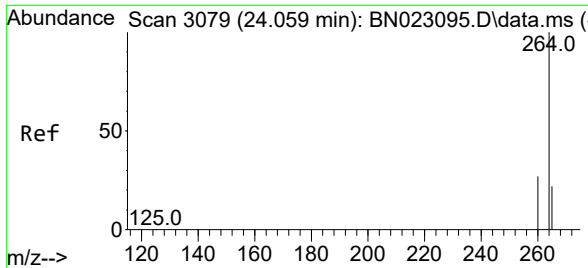
Ion Ratio Lower Upper

149 100

167 26.2 20.2 30.2

279 2.9 2.3 3.5





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.043 min Scan# 30
Delta R.T. -0.008 min
Lab File: BN023153.D
Acq: 13 Dec 2022 03:47

Instrument :
BNA_N
ClientSampleId :
MW-17

Tgt Ion:264	Resp:	23266
Ion Ratio	Lower	Upper
264	100	
260	26.6	21.7 32.5
265	45.0	43.2 64.8

