

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133836.D
 Acq On : 19 Jun 2023 16:31
 Operator : CG\JU
 Sample : 03282-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NEX-001

Quant Time: Jun 20 01:33:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

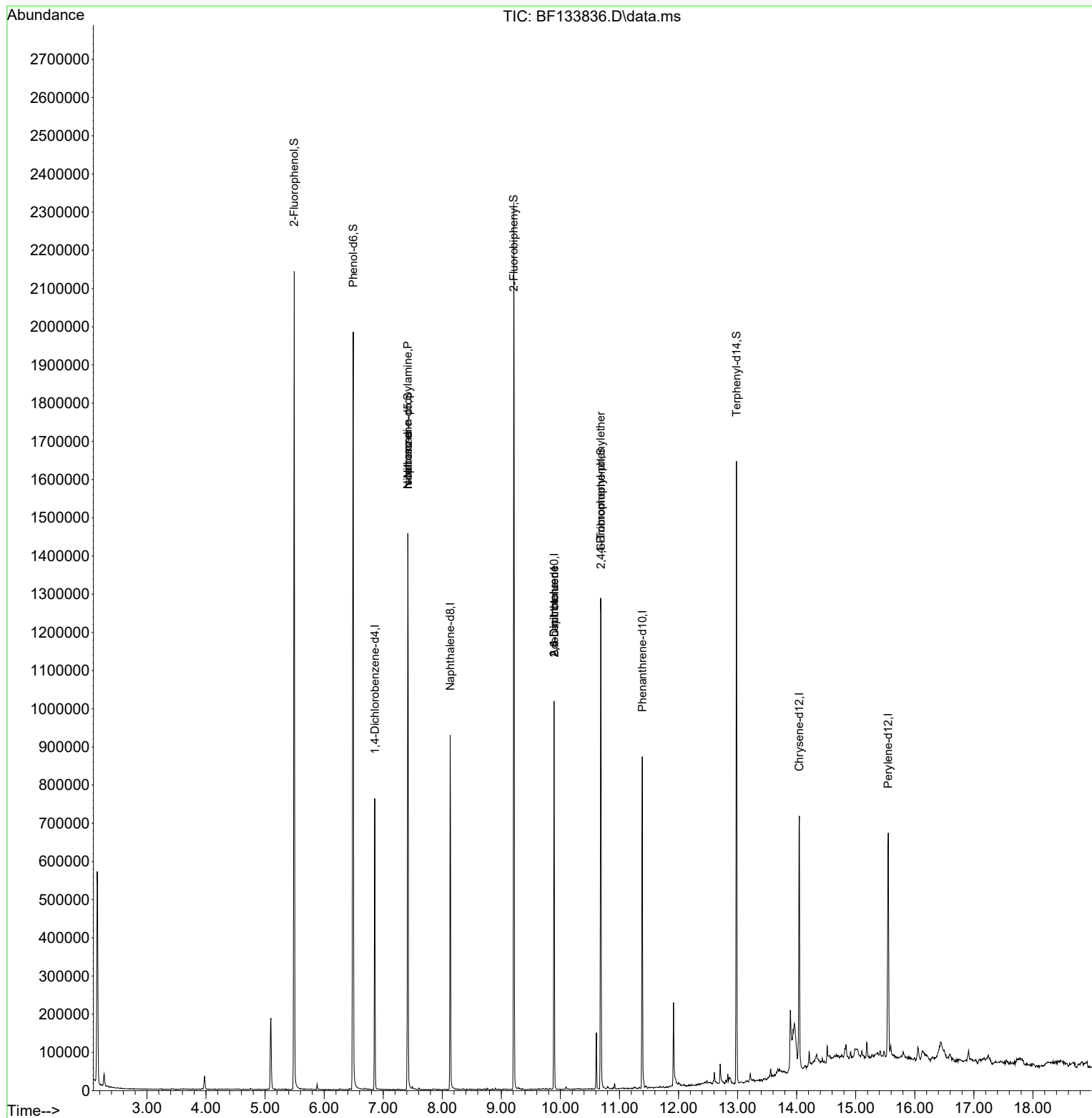
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	98199	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	371975	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	179326	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	302001	20.000	ng	0.00
76) Chrysene-d12	14.045	240	227452	20.000	ng	0.00
86) Perylene-d12	15.551	264	279813	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	517214	91.693	ng	0.00
7) Phenol-d6	6.493	99	631827	86.053	ng	0.00
23) Nitrobenzene-d5	7.416	82	426399	62.436	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	154818	68.203	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	660957	52.394	ng	-0.01
79) Terphenyl-d14	12.980	244	508676	34.605	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	60057	12.856	ng	# 83
25) Isophorone	7.416	82	426396	34.008	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	23128	8.371	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	23128	6.582	ng	# 19
67) 4-Bromophenyl-phenylether	10.681	248	10103	2.997	ng	# 1

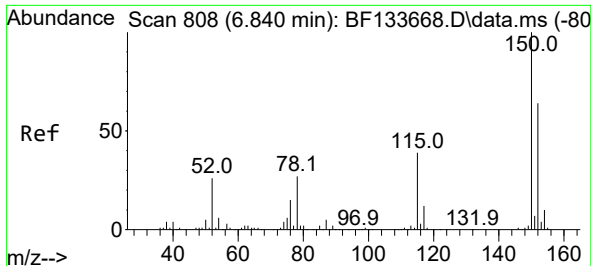
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 20 01:33:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 19 16:00:59 2023
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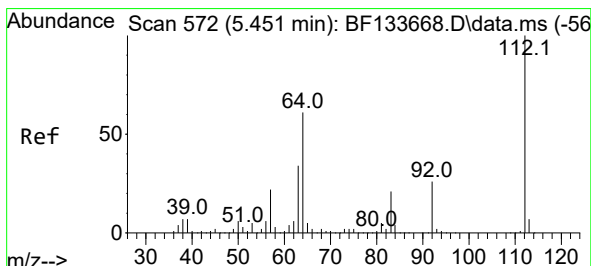
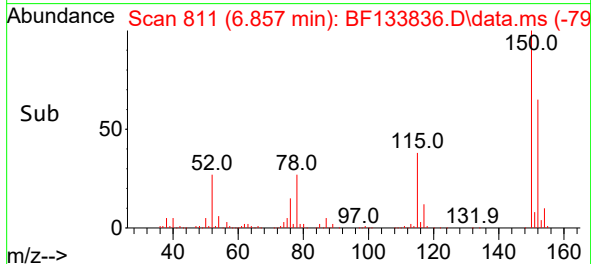
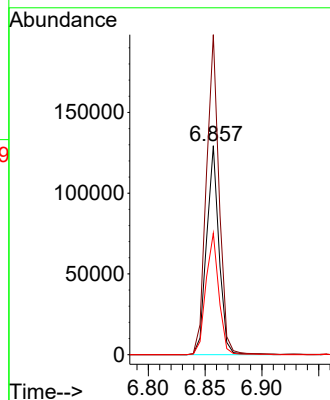
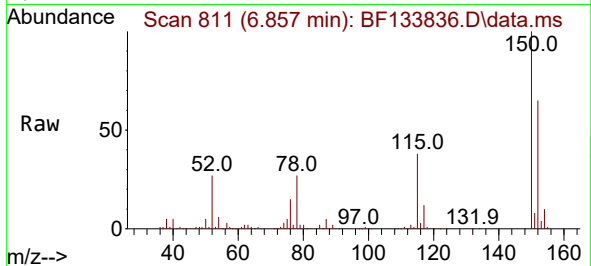




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

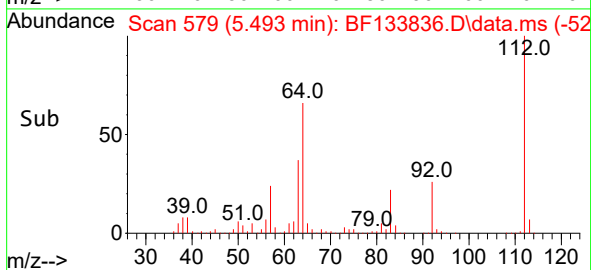
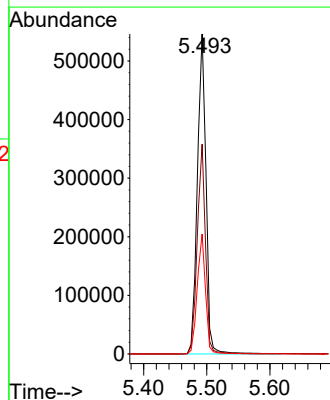
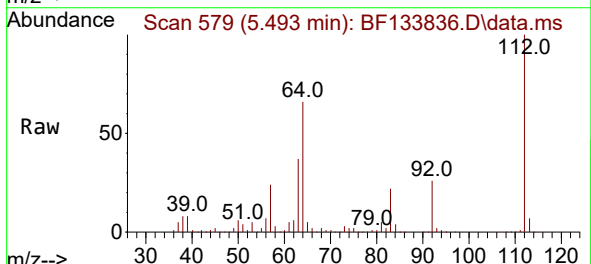
Instrument :
BNA_F
ClientSampleId :
WC-NEX-001

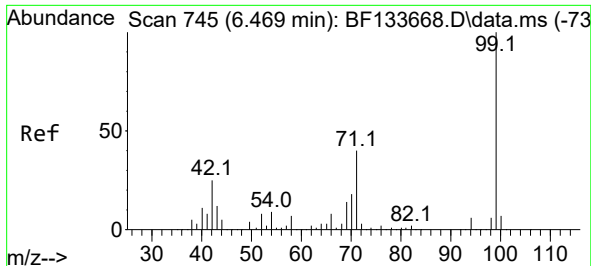
Tgt Ion:152 Resp: 98199
Ion Ratio Lower Upper
152 100
150 153.1 124.3 186.5
115 58.1 48.5 72.7



#5
2-Fluorophenol
Concen: 91.693 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

Tgt Ion:112 Resp: 517214
Ion Ratio Lower Upper
112 100
64 65.6 49.0 73.4
63 37.5 26.8 40.2

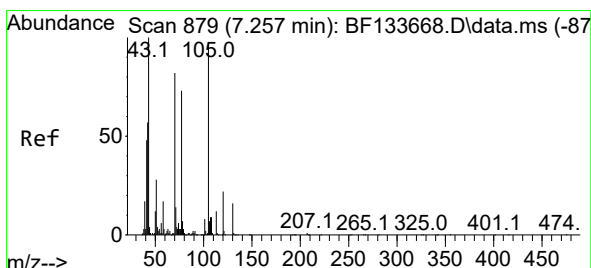
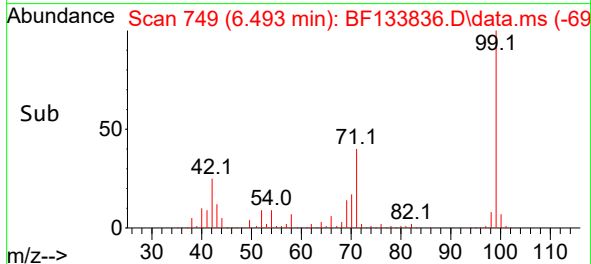
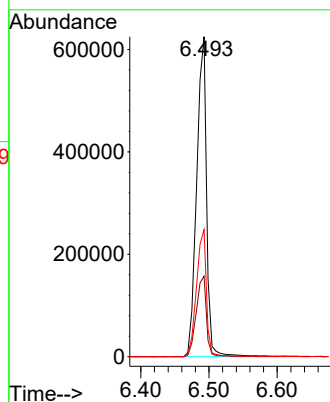
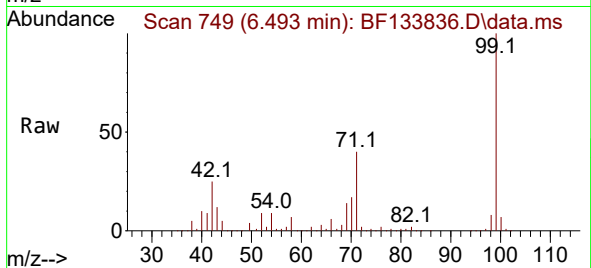




#7
Phenol-d6
Concen: 86.053 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

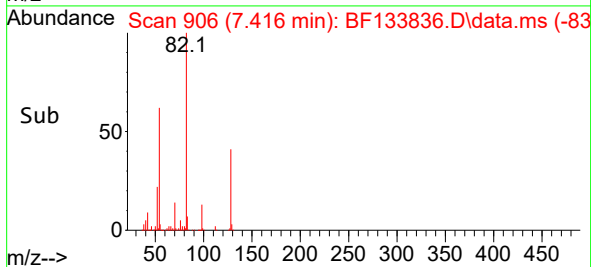
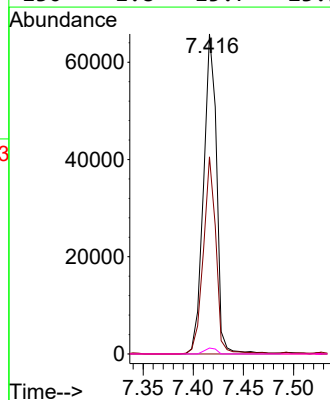
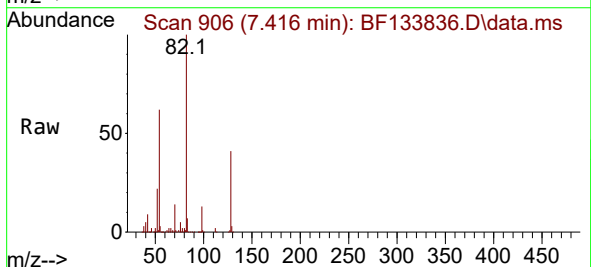
Instrument :
BNA_F
ClientSampleId :
WC-NEX-001

Tgt Ion: 99 Resp: 631827
Ion Ratio Lower Upper
99 100
42 25.1 19.9 29.9
71 39.7 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.856 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

Tgt Ion: 70 Resp: 60057
Ion Ratio Lower Upper
70 100
42 61.6 55.8 83.8
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#

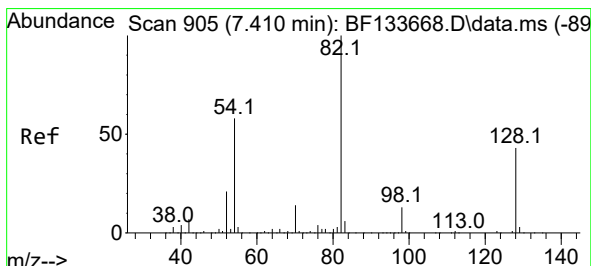
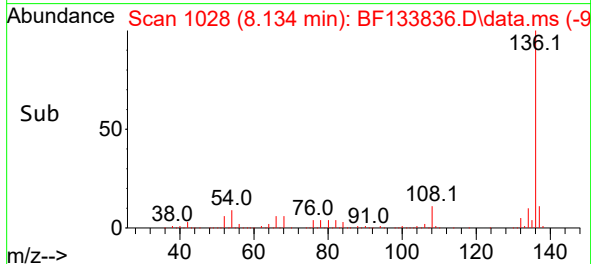
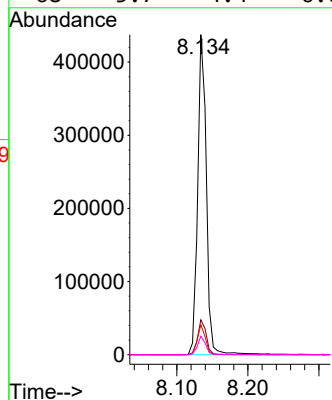
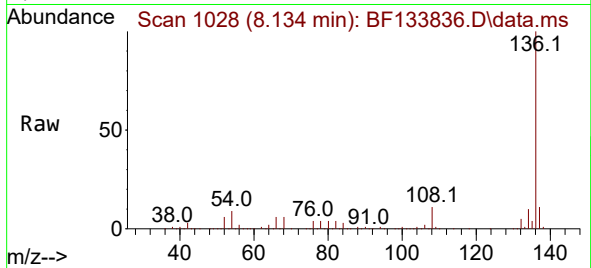




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

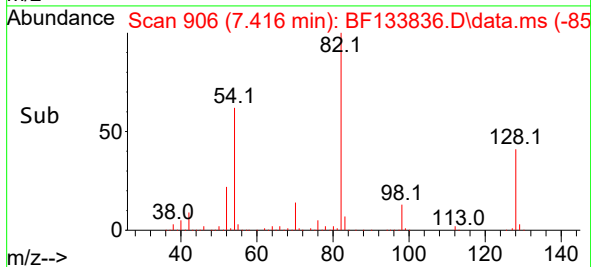
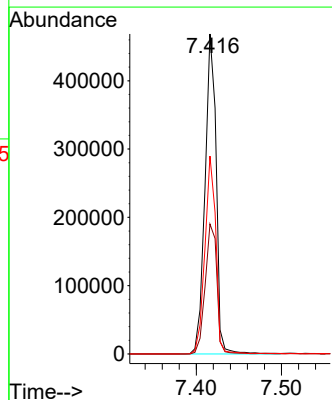
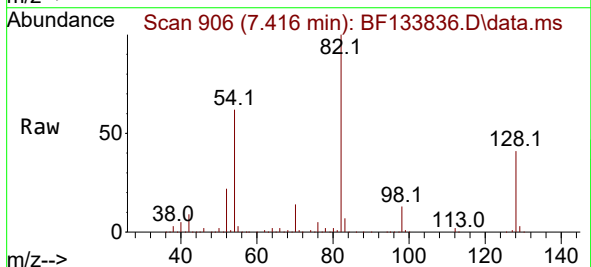
Instrument :
BNA_F
ClientSampleId :
WC-NEX-001

Tgt Ion:136 Resp: 371975
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.4 7.4 11.0
68 5.7 4.4 6.6



#23
Nitrobenzene-d5
Concen: 62.436 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

Tgt Ion: 82 Resp: 426399
Ion Ratio Lower Upper
82 100
128 40.6 34.2 51.2
54 61.9 46.5 69.7

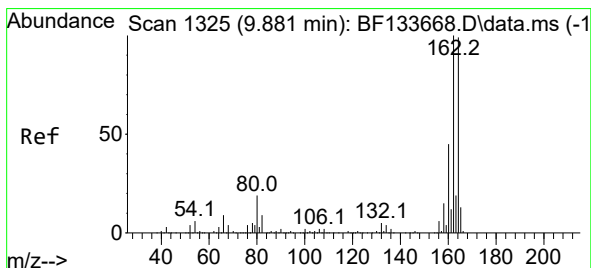
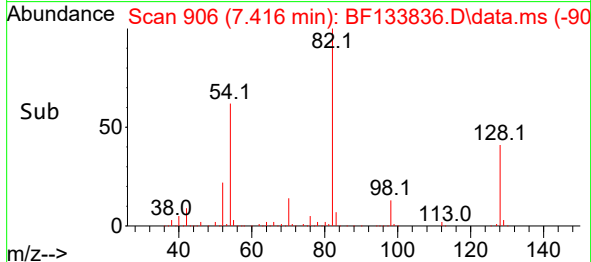
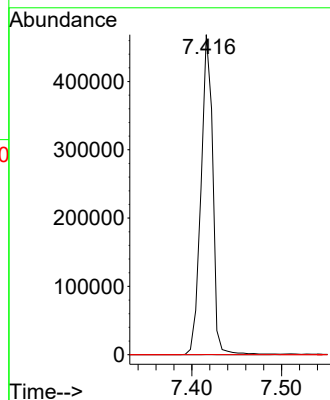
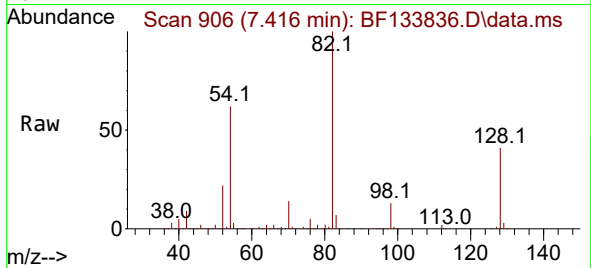




#25
Isophorone
Concen: 34.008 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

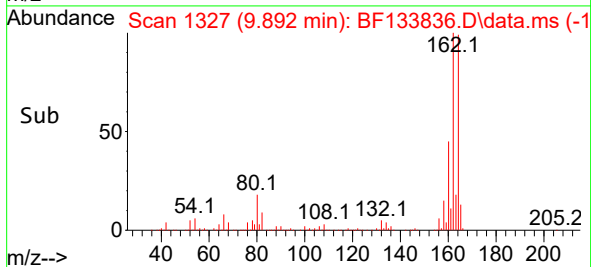
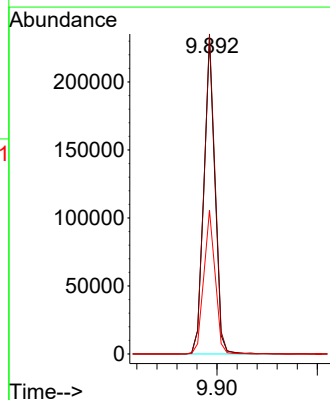
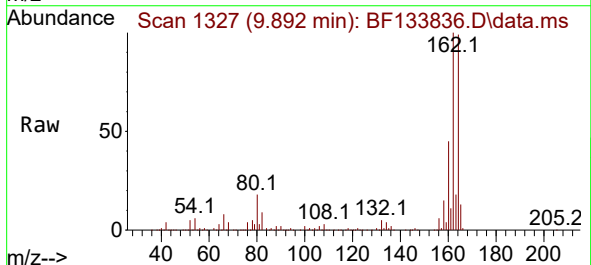
Instrument :
BNA_F
ClientSampleId :
WC-NEX-001

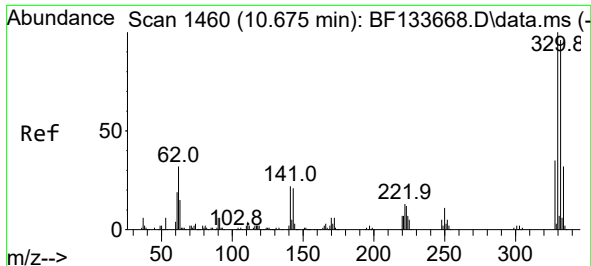
Tgt Ion: 82 Resp: 426396
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

Tgt Ion:164 Resp: 179326
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 45.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 68.203 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF133836.D

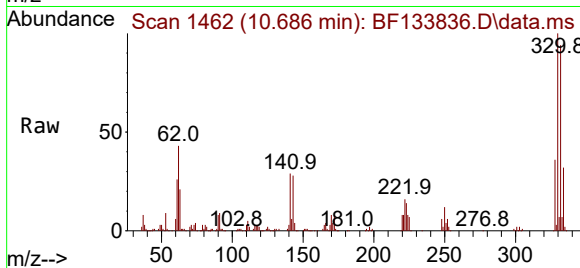
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Instrument :

BNA_F

ClientSampleId :

WC-NEX-001



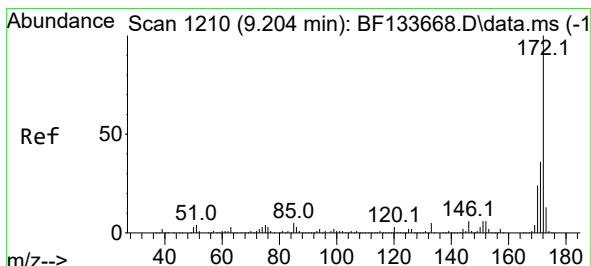
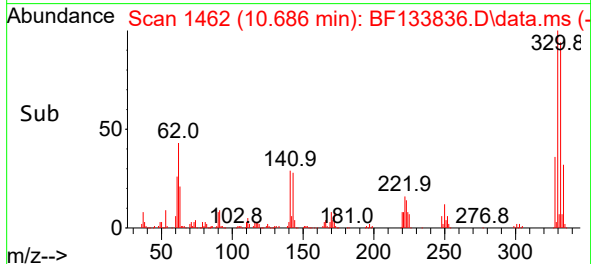
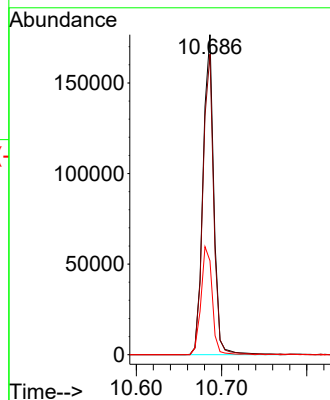
Tgt Ion:330 Resp: 154818

Ion Ratio Lower Upper

330 100

332 94.3 77.2 115.8

141 35.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 52.394 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF133836.D

Acq: 19 Jun 2023 16:31

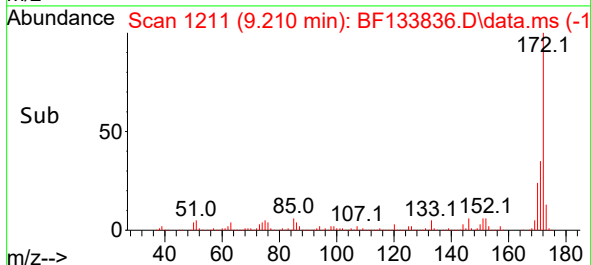
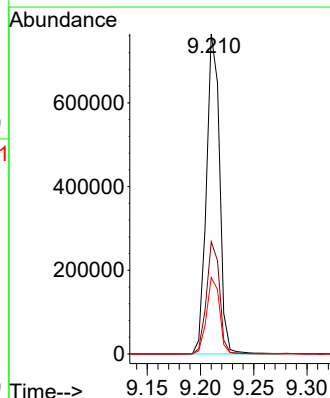
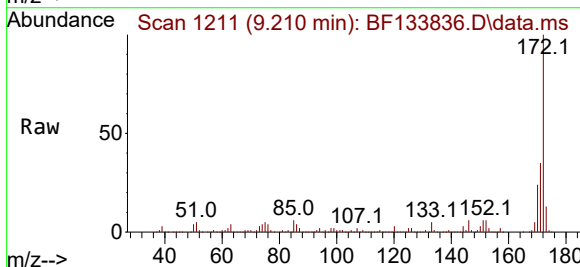
Tgt Ion:172 Resp: 660957

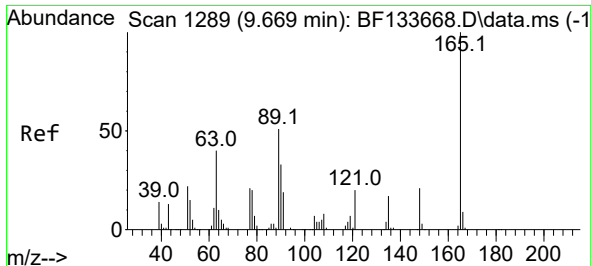
Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.9 19.1 28.7

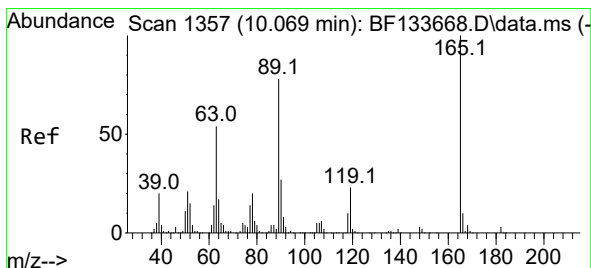
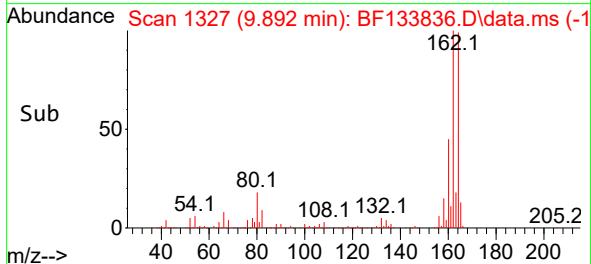
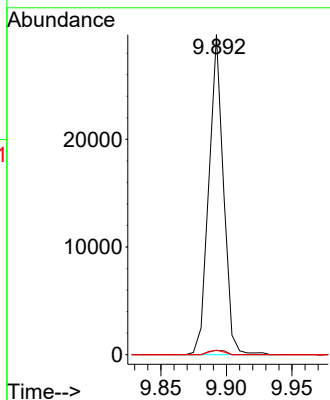
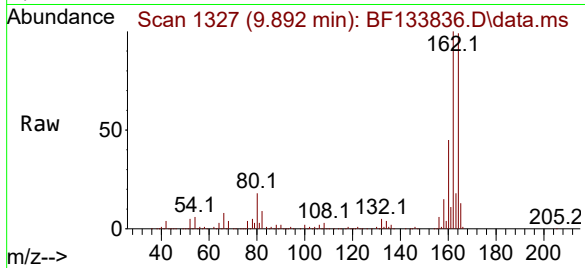




#51
2,6-Dinitrotoluene
Concen: 8.371 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

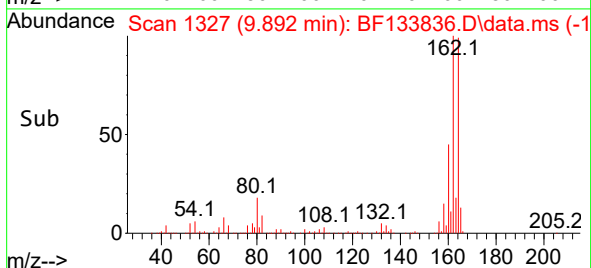
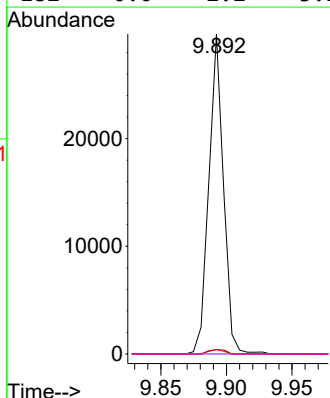
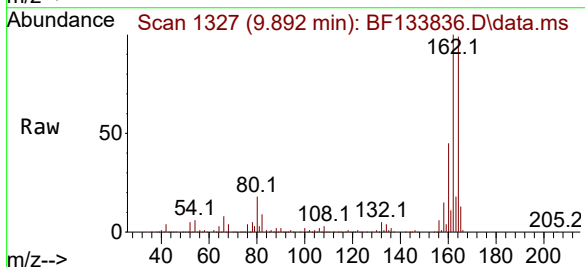
Instrument :
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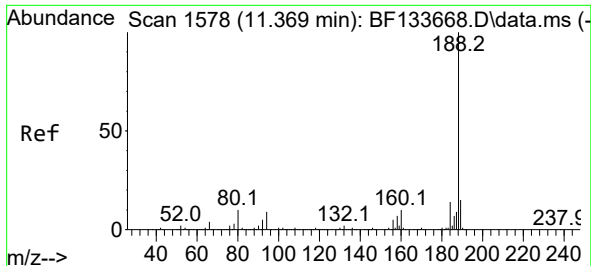
Tgt Ion:165 Resp: 23128
Ion Ratio Lower Upper
165 100
63 1.3 42.1 63.1#
89 1.4 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.582 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

Tgt Ion:165 Resp: 23128
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.4 62.6 93.8#
182 0.0 2.2 3.2#

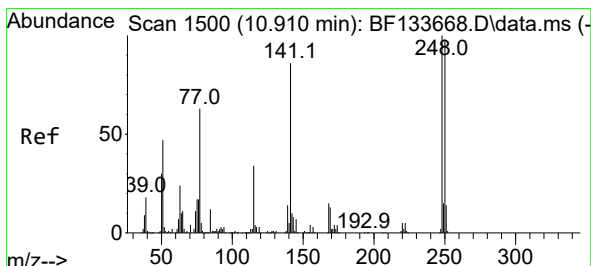
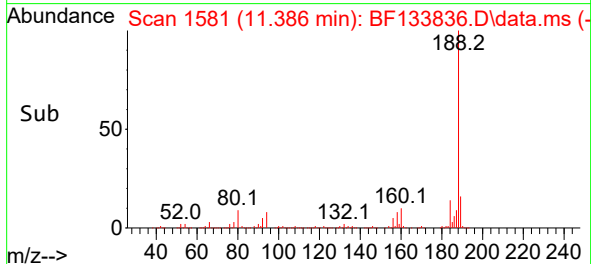
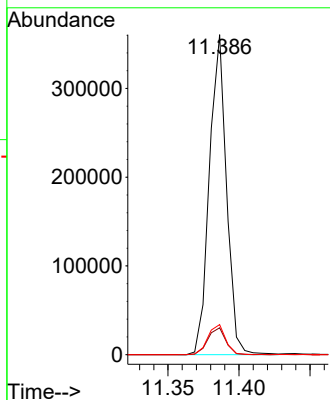
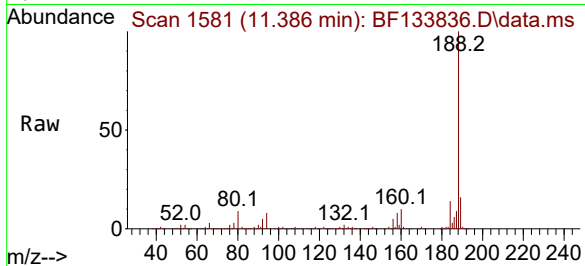




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

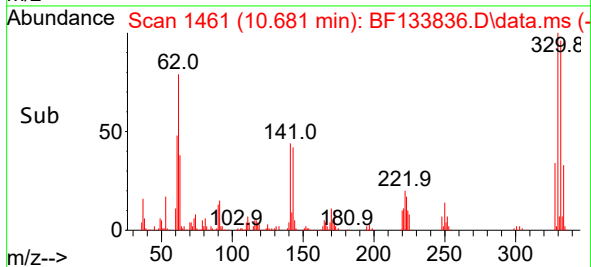
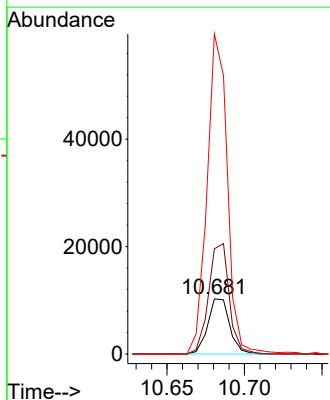
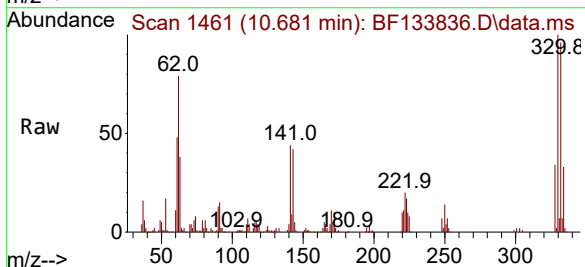
Instrument :
BNA_F
ClientSampleId :
WC-NEX-001

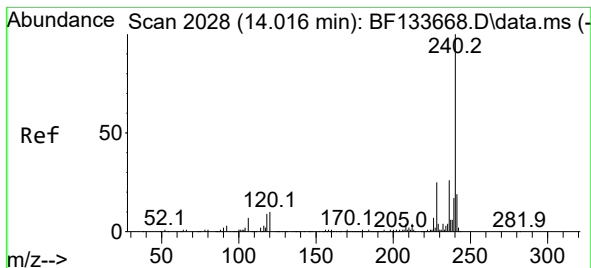
Tgt Ion:188 Resp: 302001
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.4 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 2.997 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.253 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

Tgt Ion:248 Resp: 10103
Ion Ratio Lower Upper
248 100
250 191.2 78.3 117.5#
141 582.0 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF133836.D

Acq: 19 Jun 2023 16:31

Instrument :

BNA_F

ClientSampleId :

WC-NEX-001

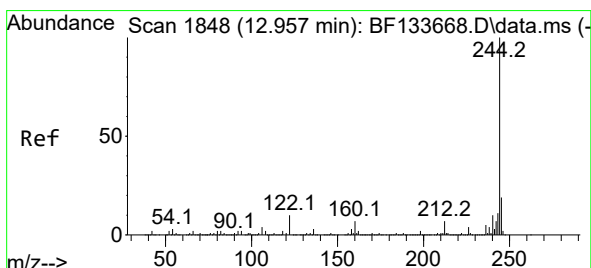
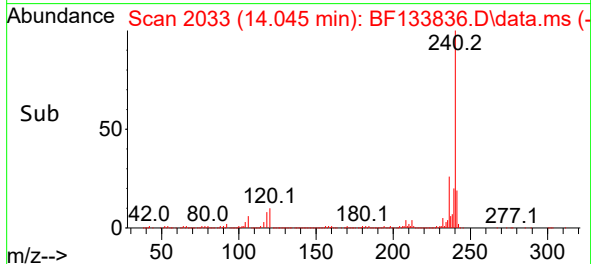
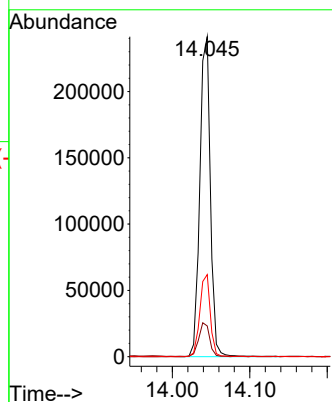
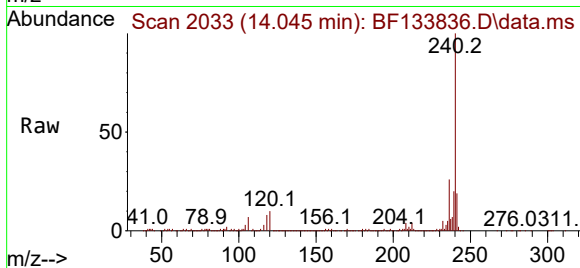
Tgt Ion:240 Resp: 227452

Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

236 25.7 20.5 30.7



#79

Terphenyl-d14

Concen: 34.605 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF133836.D

Acq: 19 Jun 2023 16:31

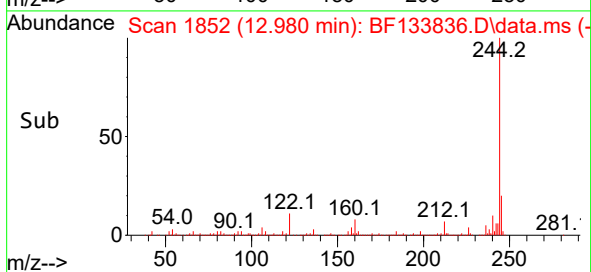
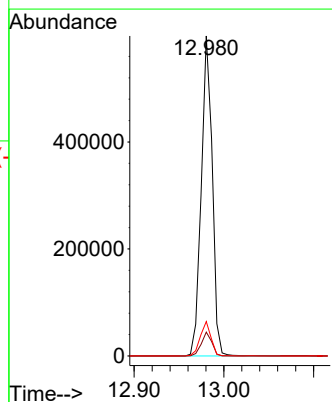
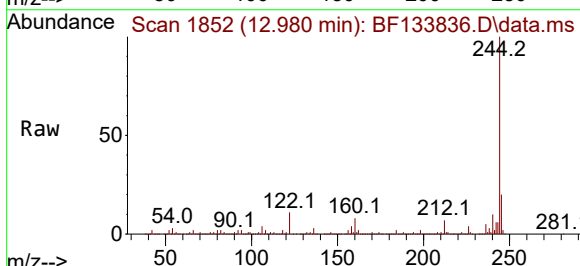
Tgt Ion:244 Resp: 508676

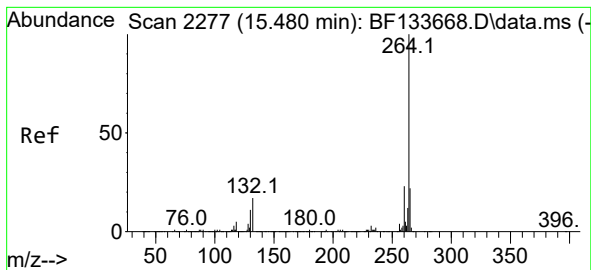
Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

122 10.7 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133836.D
Acq: 19 Jun 2023 16:31

Instrument :
BNA_F
ClientSampleId :
WC-NEX-001

Tgt Ion:264 Resp: 279813

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	20.8	17.8	26.6

