

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132021.D
 Acq On : 11 Jan 2023 12:32
 Operator : CG\JU
 Sample : 01079-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2-INFLUENTRE

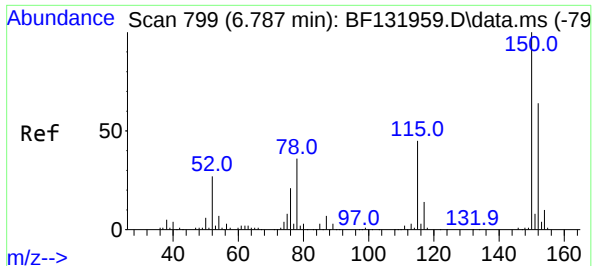
Quant Time: Jan 11 14:25:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	70831	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	265331	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	158373	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	299982	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	148531	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	136854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	207344	48.236	ng	0.00
7) Phenol-d6	6.422	99	192059	33.698	ng	-0.01
23) Nitrobenzene-d5	7.351	82	624028	97.611	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	188952	103.766	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1137581	96.967	ng	-0.01
79) Terphenyl-d14	12.922	244	1294843	124.948	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	87489	21.221	ng	# 78
25) Isophorone	7.351	82	618422	51.781	ng	# 69
50) Dimethylphthalate	9.828	163	32961	2.670	ng	# 1
57) 2,4-Dinitrotoluene	9.828	165	19713	5.679	ng	# 14
63) Azobenzene	10.551	77	128628	9.989	ng	# 1
67) 4-Bromophenyl-phenylether	10.628	248	13336	3.554	ng	# 1
92) Benzo(g,h,i)perylene	17.357	276	60	3.532	ng	# 58

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

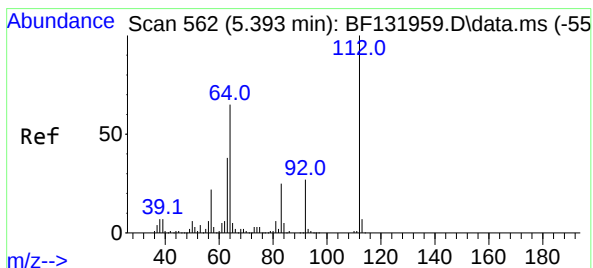
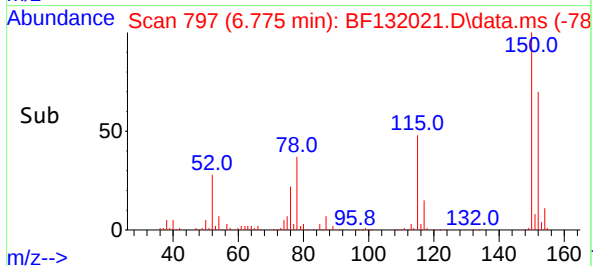
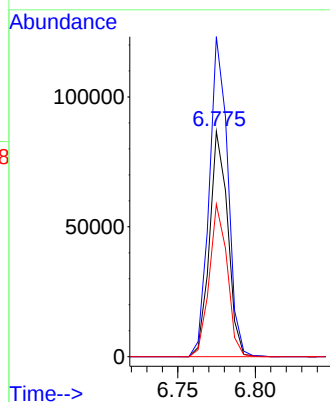
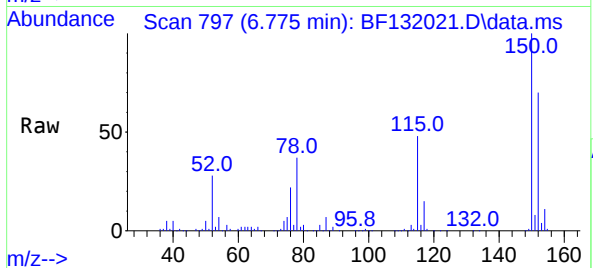
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\  
Data File : BF132021.D  
Acq On    : 11 Jan 2023   12:32  
Operator  : CG\JU  
Sample    : 01079-02  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
```



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF132021.D
Acq: 11 Jan 2023 12:32

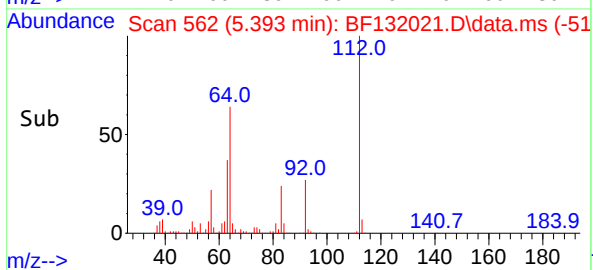
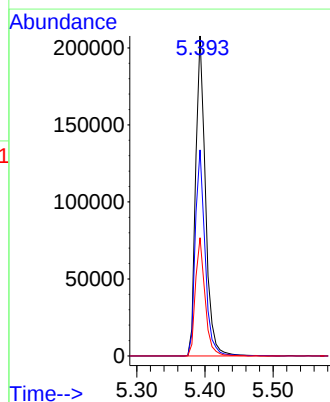
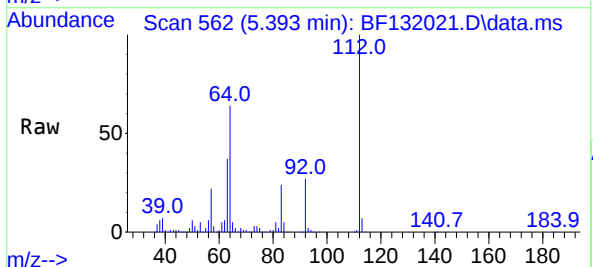
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BNA_F
ClientSampleId :
SAMPLE-2-INFLUENTRE

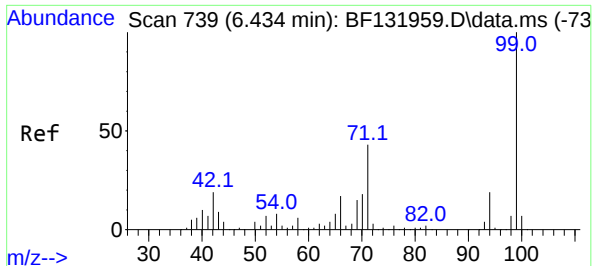
Tgt Ion:152 Resp: 70831
Ion Ratio Lower Upper
152 100
150 142.0 124.6 186.8
115 67.7 55.6 83.4



#5
2-Fluorophenol
Concen: 48.236 ng
RT: 5.393 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF132021.D
Acq: 11 Jan 2023 12:32

Tgt Ion:112 Resp: 207344
Ion Ratio Lower Upper
112 100
64 64.4 51.9 77.9
63 37.0 30.2 45.2

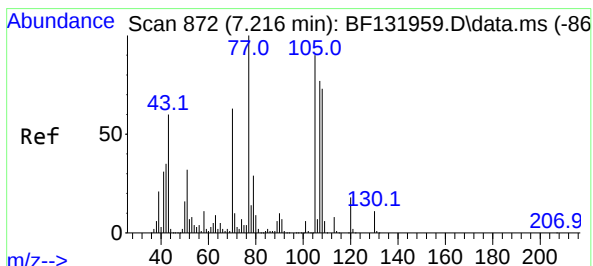
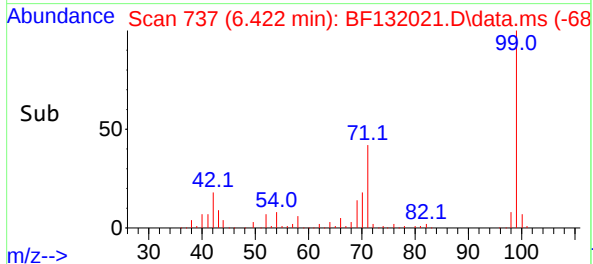
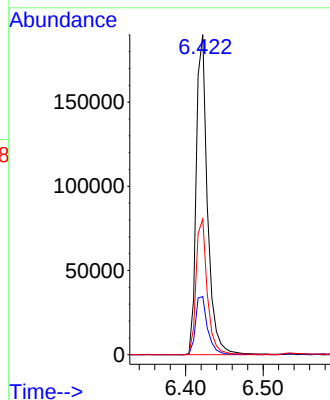
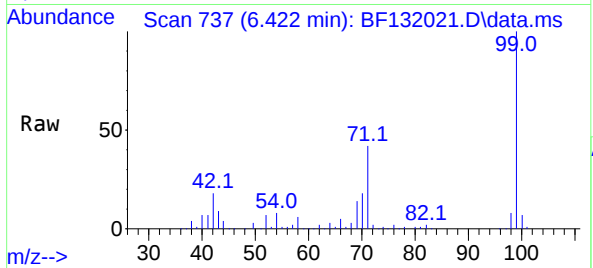




#7
Phenol-d6
Concen: 33.698 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132021.D
Acq: 11 Jan 2023 12:32

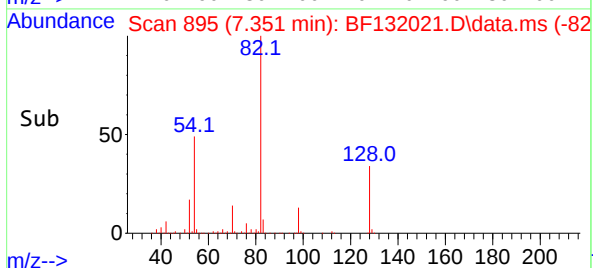
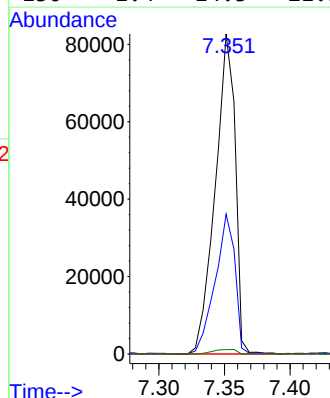
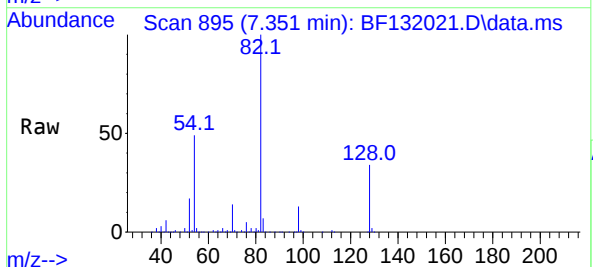
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ClientSampleId :
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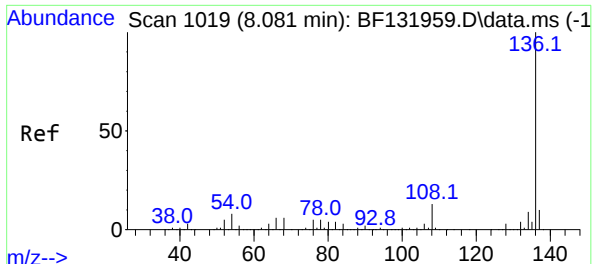
Tgt Ion: 99 Resp: 192059
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.2
71 42.4 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.221 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF132021.D
Acq: 11 Jan 2023 12:32

Tgt Ion: 70 Resp: 87489
Ion Ratio Lower Upper
70 100
42 43.6 44.3 66.5#
101 0.0 7.5 11.3#
130 1.4 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF132021.D

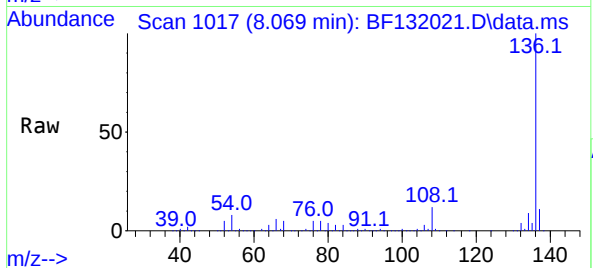
Acq: 11 Jan 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2-INFLUENTRE



Tgt Ion:136 Resp: 265331

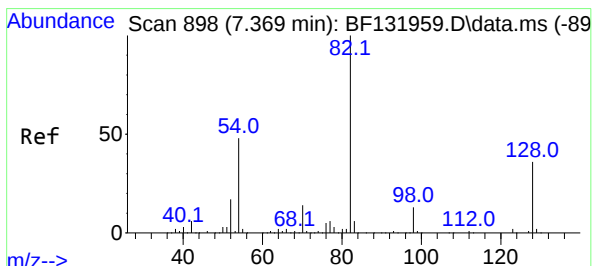
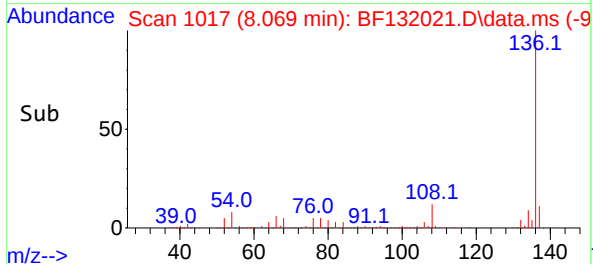
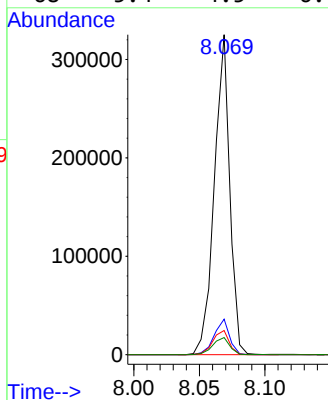
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.2

54 7.6 6.6 9.8

68 5.4 4.5 6.7



#23

Nitrobenzene-d5

Concen: 97.611 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF132021.D

Acq: 11 Jan 2023 12:32

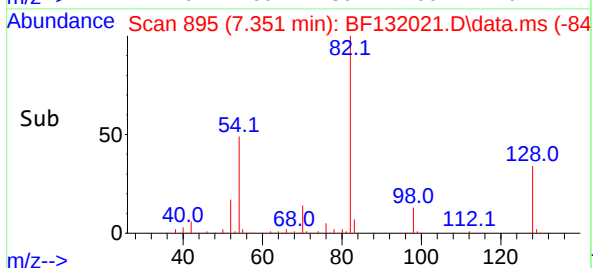
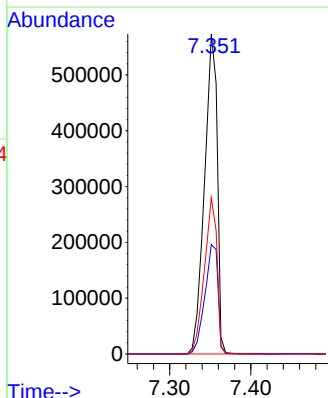
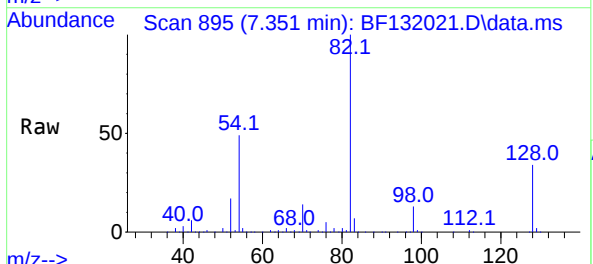
Tgt Ion: 82 Resp: 624028

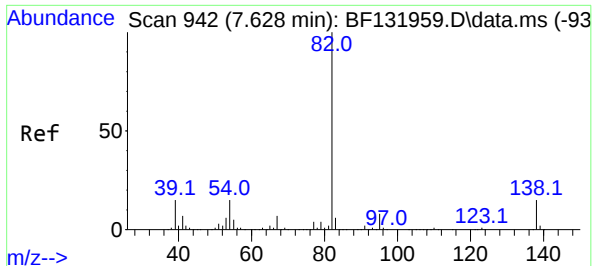
Ion Ratio Lower Upper

82 100

128 34.2 28.7 43.1

54 48.9 38.1 57.1

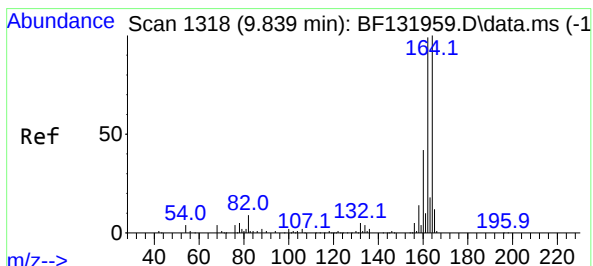
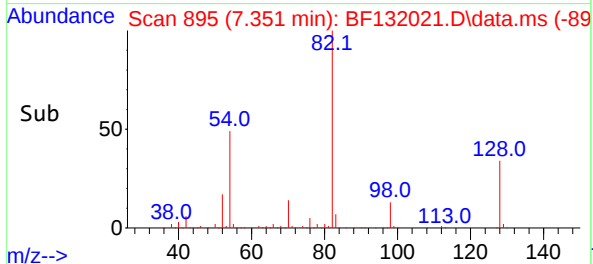
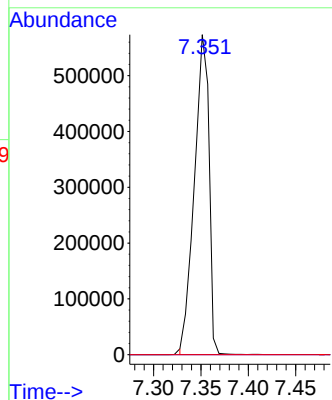
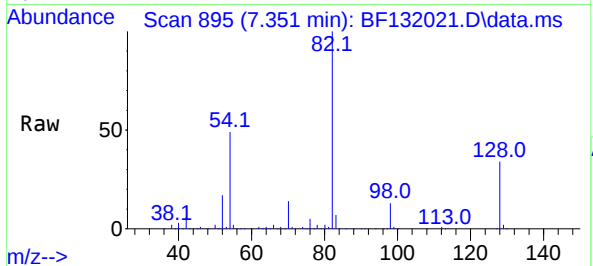




#25
Isophorone
Concen: 51.781 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF132021.D
Acq: 11 Jan 2023 12:32

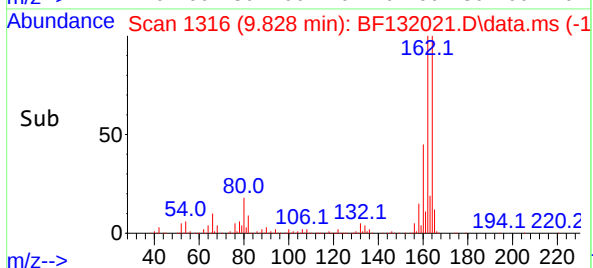
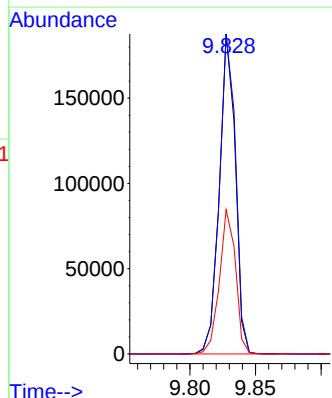
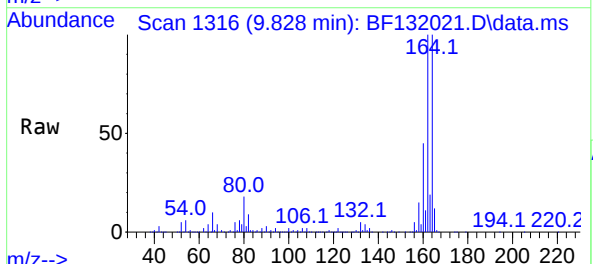
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-INFLUENTRE

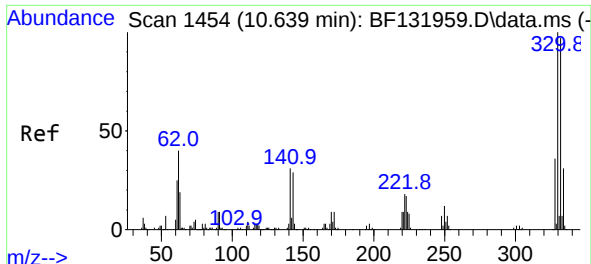
Tgt Ion: 82 Resp: 618422
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF132021.D
Acq: 11 Jan 2023 12:32

Tgt Ion:164 Resp: 158373
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.0
160 45.1 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 103.766 ng

RT: 10.628 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF132021.D

Acq: 11 Jan 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2-INFLUENTRE

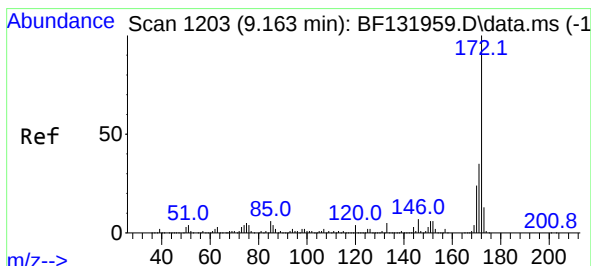
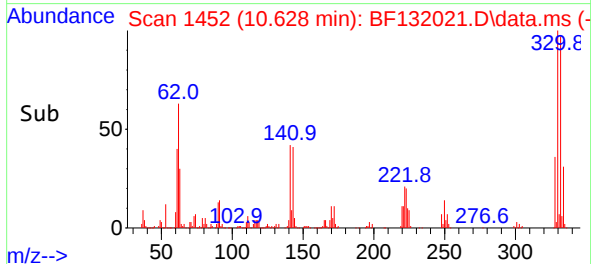
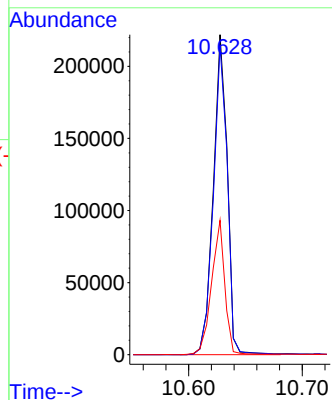
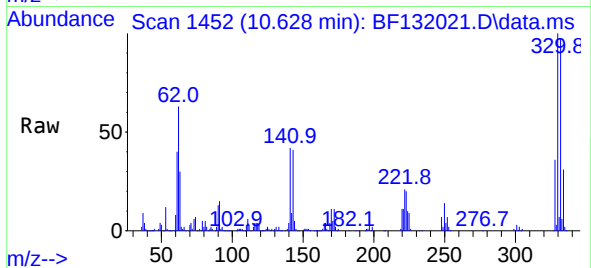
Tgt Ion:330 Resp: 188952

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

141 40.4 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 96.967 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF132021.D

Acq: 11 Jan 2023 12:32

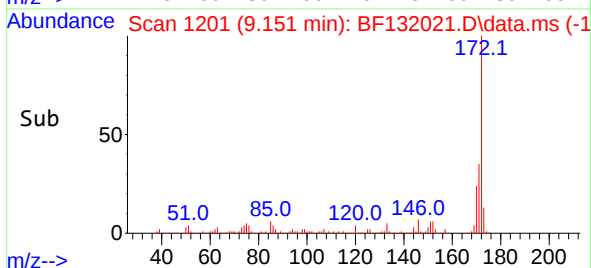
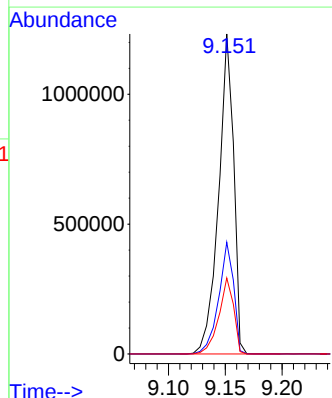
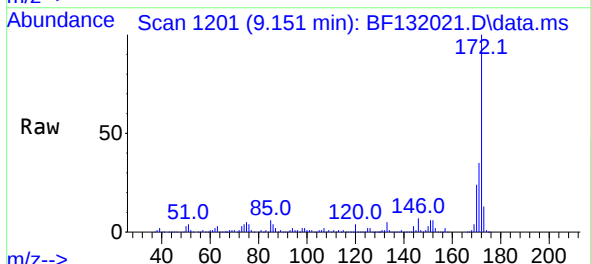
Tgt Ion:172 Resp: 1137581

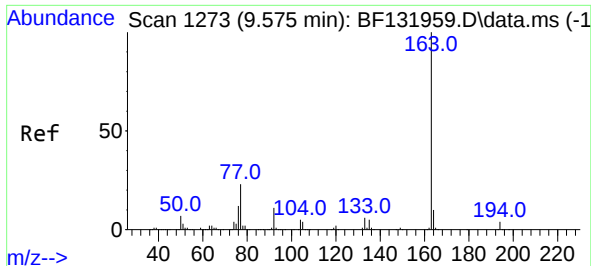
Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

170 23.7 18.9 28.3

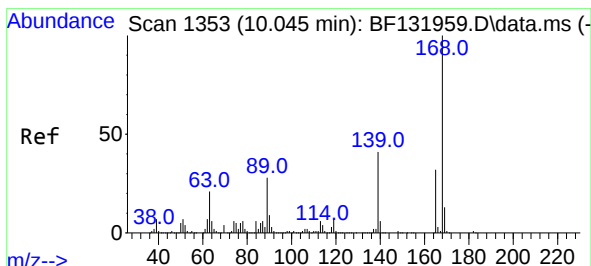
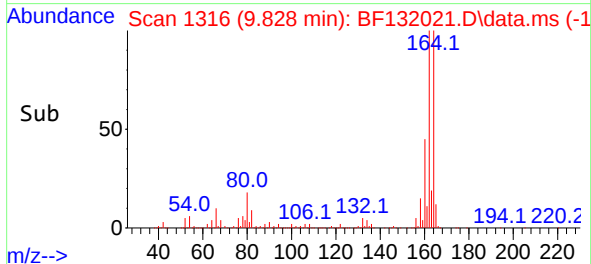
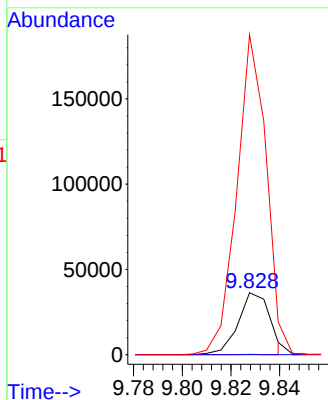
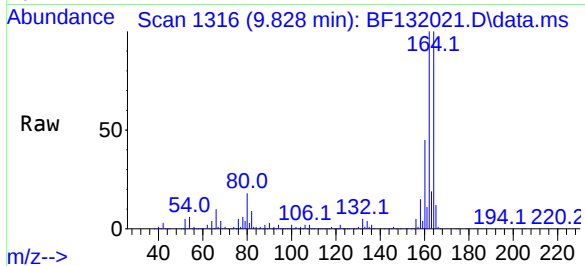




#50
Dimethylphthalate
Concen: 2.670 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.253 min
Lab File: BF132021.D
Acq: 11 Jan 2023 12:32

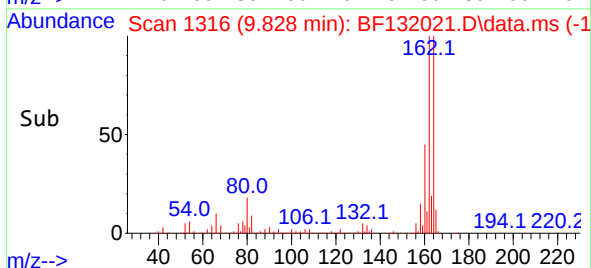
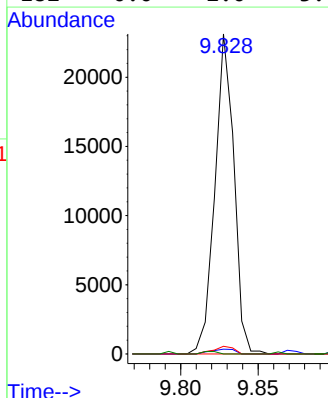
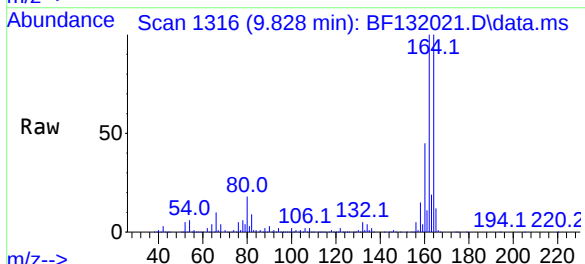
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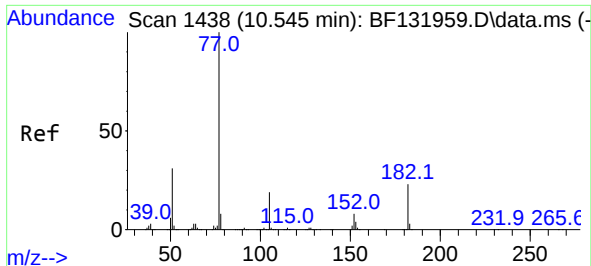
Tgt Ion:163 Resp: 32961
Ion Ratio Lower Upper
163 100
194 0.6 3.1 4.7#
164 516.1 7.8 11.6#



#57
2,4-Dinitrotoluene
Concen: 5.679 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.218 min
Lab File: BF132021.D
Acq: 11 Jan 2023 12:32

Tgt Ion:165 Resp: 19713
Ion Ratio Lower Upper
165 100
63 1.5 53.2 79.8#
89 2.4 71.2 106.8#
182 0.0 2.0 3.0#

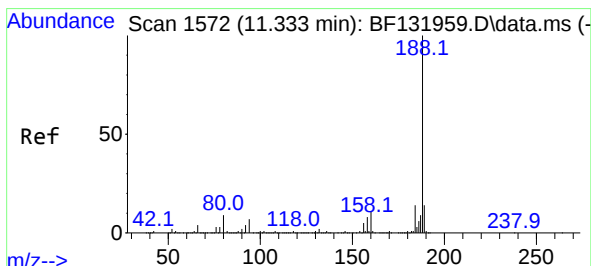
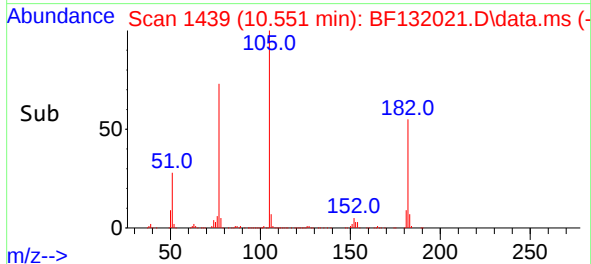
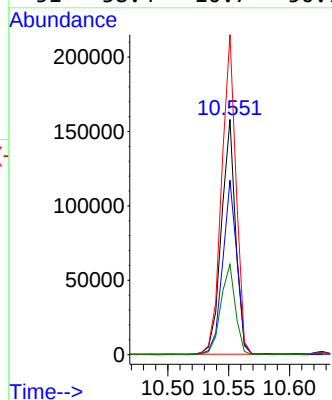
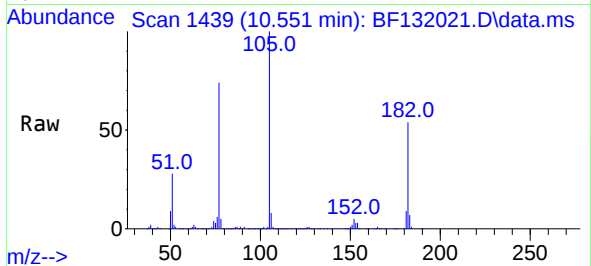




#63
Azobenzene
Concen: 9.989 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF132021.D
Acq: 11 Jan 2023 12:32

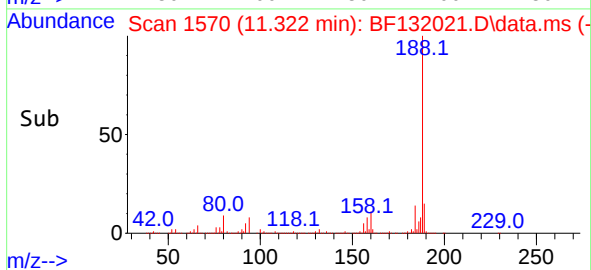
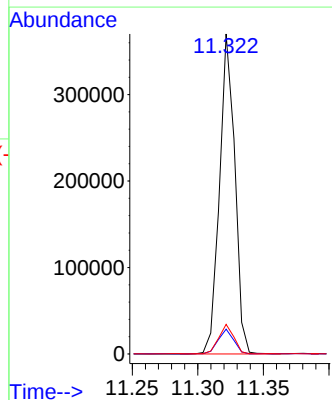
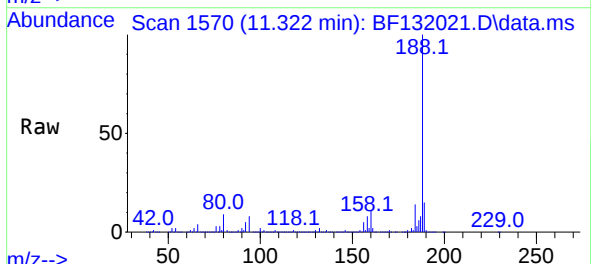
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BNA_F
ClientSampleId :
SAMPLE-2-INFLUENTRE

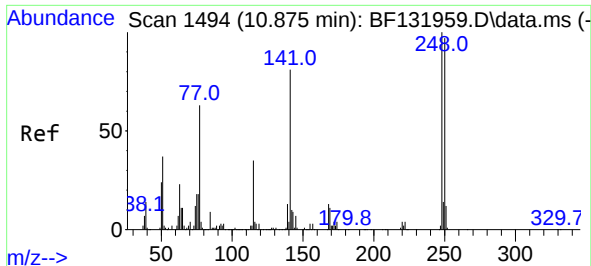
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Ion Ratio	Lower Upper
77 100	
182 74.1	2.9 42.9#
105 136.0	0.0 39.3#
51 38.4	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF132021.D
Acq: 11 Jan 2023 12:32

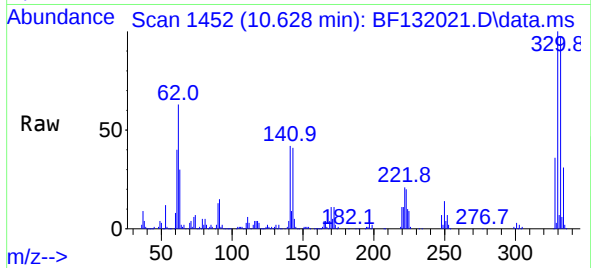
Tgt Ion:188	Resp: 299982
Ion Ratio	Lower Upper
188 100	
94 7.8	5.8 8.6
80 9.2	7.4 11.0



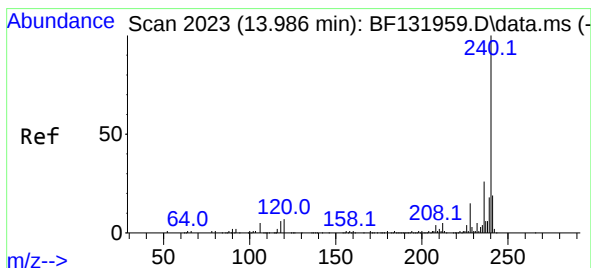
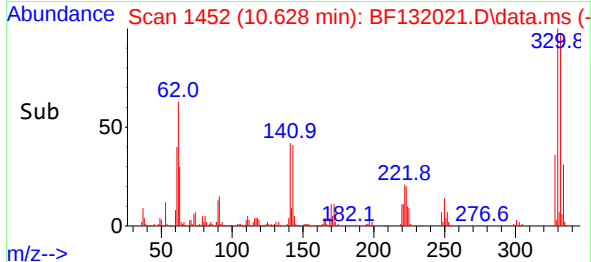
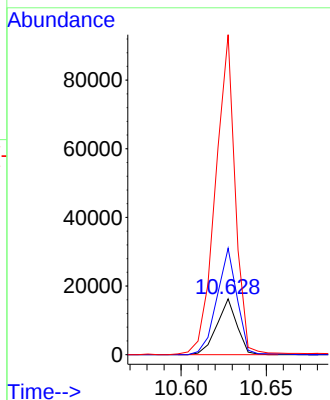


#67
4-Bromophenyl-phenylether
Concen: 3.554 ng
RT: 10.628 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF132021.D
Acq: 11 Jan 2023 12:32

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-INFLUENTRE

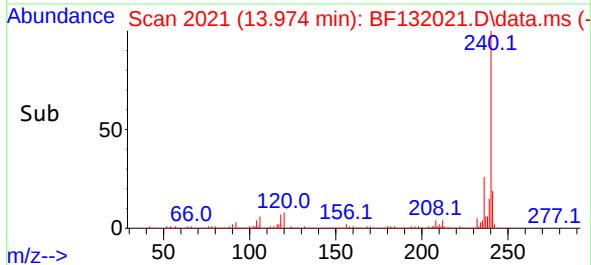
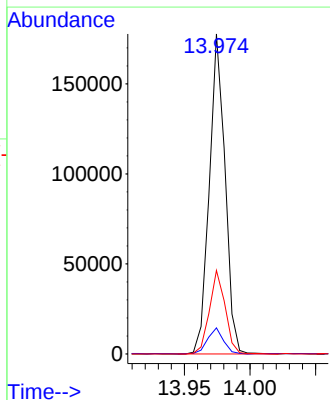
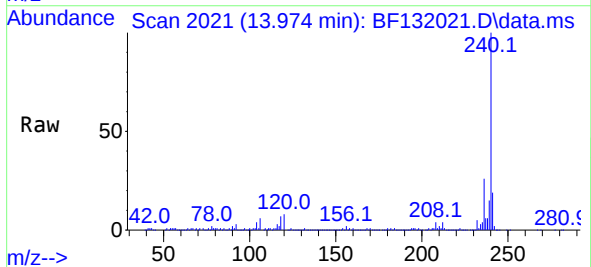


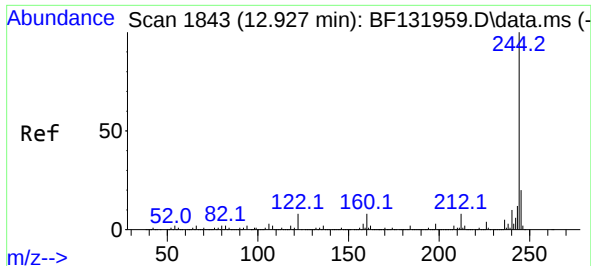
Tgt Ion:248 Resp: 13336
Ion Ratio Lower Upper
248 100
250 190.5 77.4 116.2#
141 572.7 65.0 97.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF132021.D
Acq: 11 Jan 2023 12:32

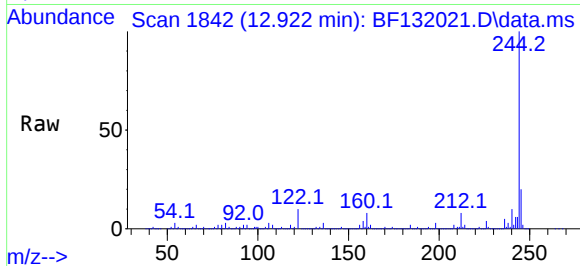
Tgt Ion:240 Resp: 148531
Ion Ratio Lower Upper
240 100
120 8.2 5.4 8.0#
236 26.1 21.1 31.7





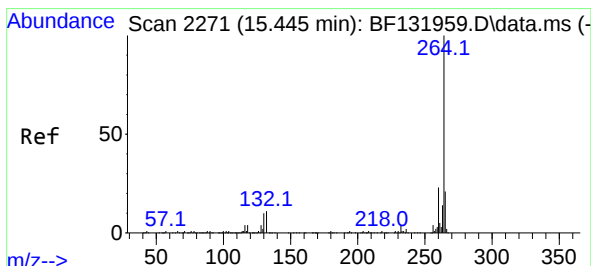
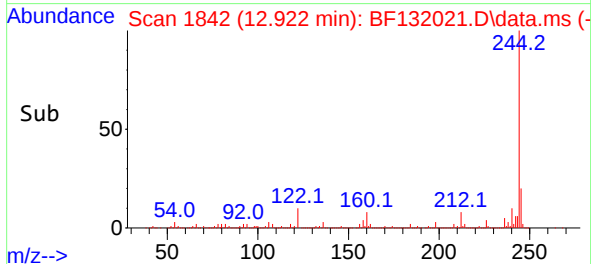
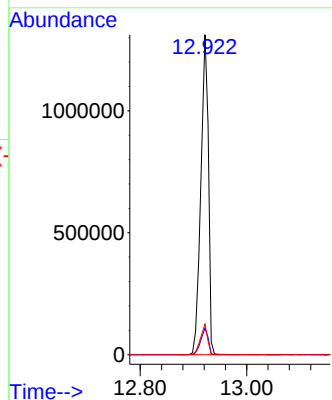
#79
 Terphenyl-d14
 Concen: 124.948 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF132021.D
 Acq: 11 Jan 2023 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2-INFLUENTRE



Tgt Ion:244 Resp: 1294843

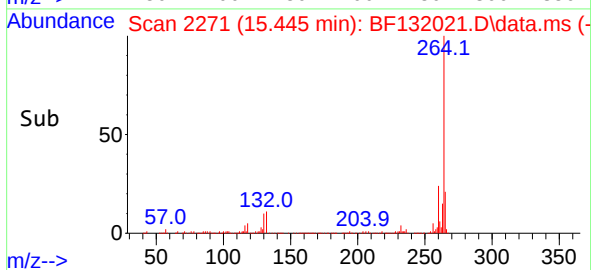
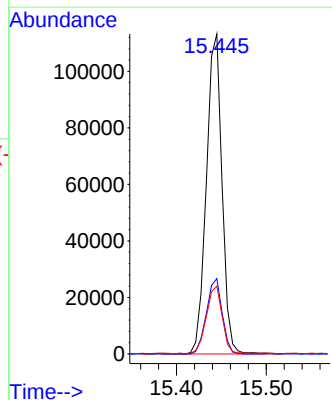
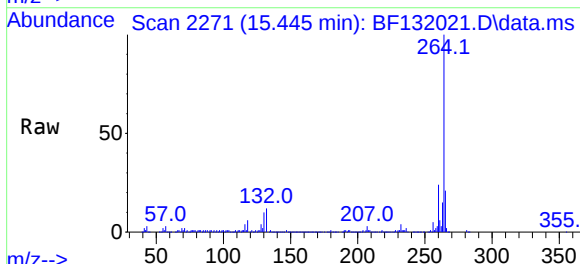
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	9.5	6.8	10.2

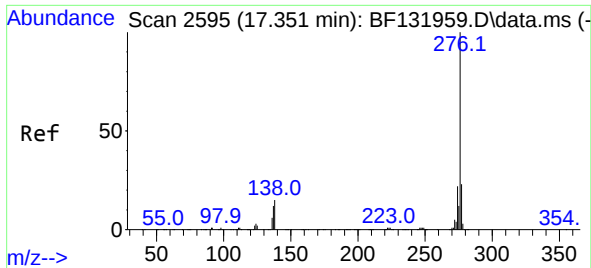


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.000 min
 Lab File: BF132021.D
 Acq: 11 Jan 2023 12:32

Tgt Ion:264 Resp: 136854

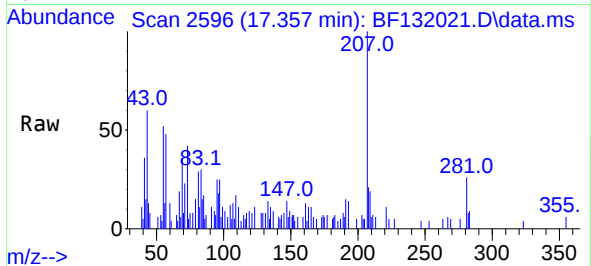
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	21.2	16.9	25.3





#92
Benzo(g,h,i)perylene
Concen: 3.532 ng
RT: 17.357 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF132021.D
Acq: 11 Jan 2023 12:32

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-INFLUENTRE



Tgt Ion:276 Resp: 60
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 0.0 11.7 17.5#

