

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
 Data File : BF132978.D
 Acq On : 21 Apr 2023 20:01
 Operator : CG\JU
 Sample : 02415-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1

Quant Time: Apr 22 04:30:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

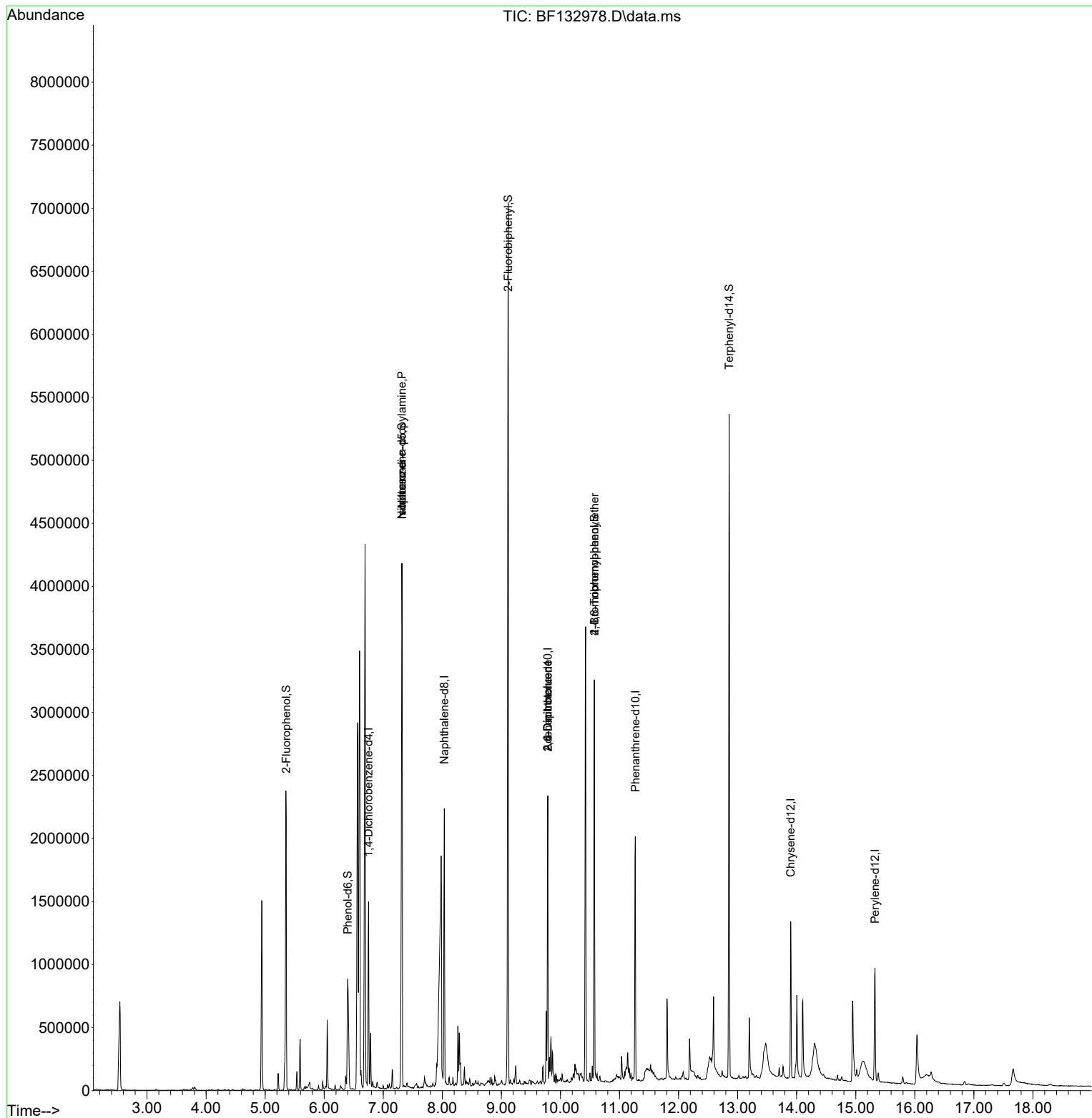
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	206836	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	833166	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	416168	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	679851	20.000	ng	0.00
76) Chrysene-d12	13.898	240	389840	20.000	ng	-0.01
86) Perylene-d12	15.327	264	372250	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	631303	46.107	ng	0.00
7) Phenol-d6	6.398	99	476476	28.036	ng	0.01
23) Nitrobenzene-d5	7.316	82	1581171	102.437	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	385299	92.059	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	2394989	96.279	ng	0.00
79) Terphenyl-d14	12.857	244	2007258	88.802	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.292	77	1515	Below Cal	#	83
19) n-Nitroso-di-n-propyla...	7.316	70	215513	20.369	ng	# 76
25) Isophorone	7.316	82	1572737	53.664	ng	# 63
51) 2,6-Dinitrotoluene	9.786	165	54218	8.301	ng	# 26
57) 2,4-Dinitrotoluene	9.786	165	54218	6.509	ng	# 24
67) 4-Bromophenyl-phenylether	10.575	248	24007	3.256	ng	# 1

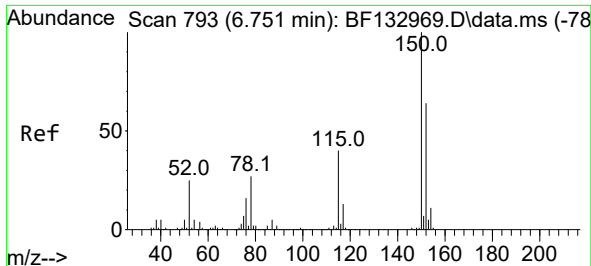
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
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Sample : 02415-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
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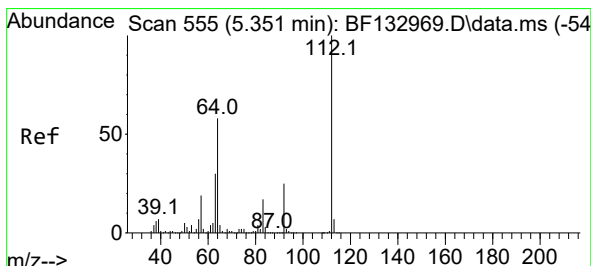
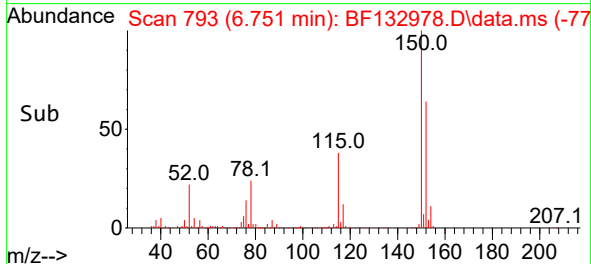
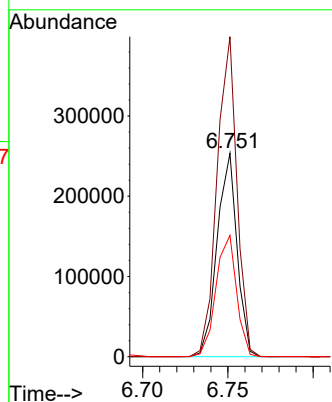
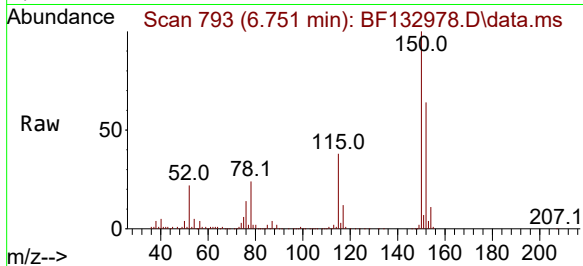




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 793
 Delta R.T. 0.000 min
 Lab File: BF132978.D
 Acq: 21 Apr 2023 20:01

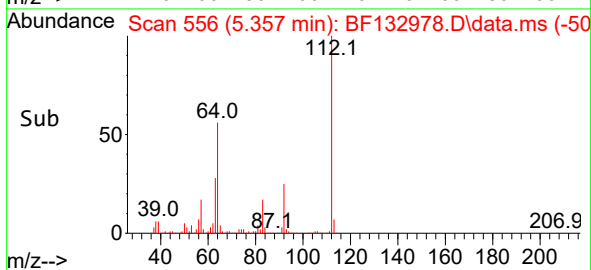
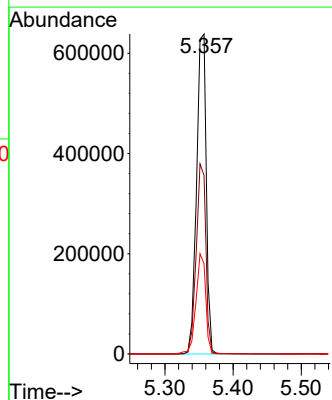
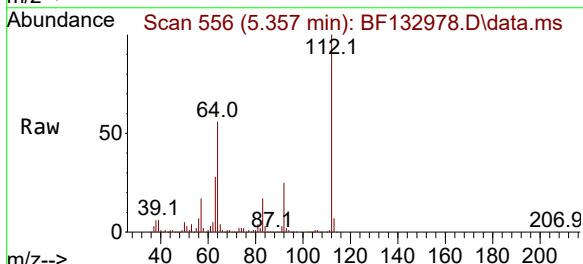
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1

Tgt Ion:152 Resp: 206836
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.8 187.2
 115 59.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 46.107 ng
 RT: 5.357 min Scan# 556
 Delta R.T. 0.006 min
 Lab File: BF132978.D
 Acq: 21 Apr 2023 20:01

Tgt Ion:112 Resp: 631303
 Ion Ratio Lower Upper
 112 100
 64 55.8 46.8 70.2
 63 28.2 23.8 35.8

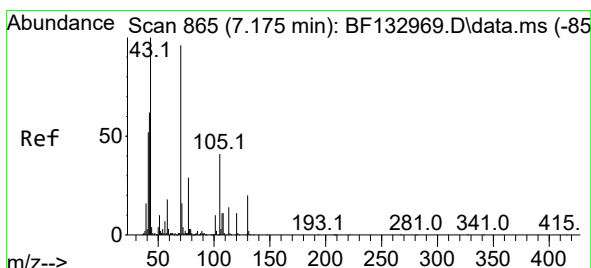
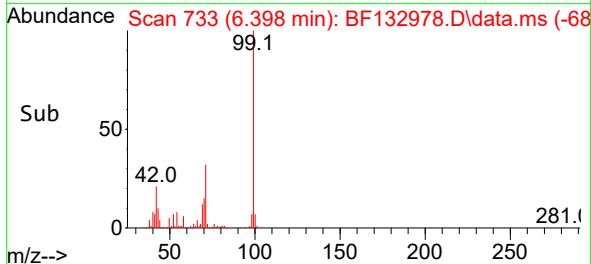
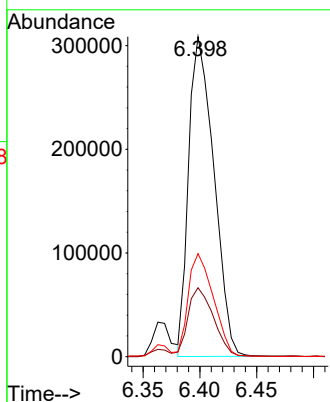
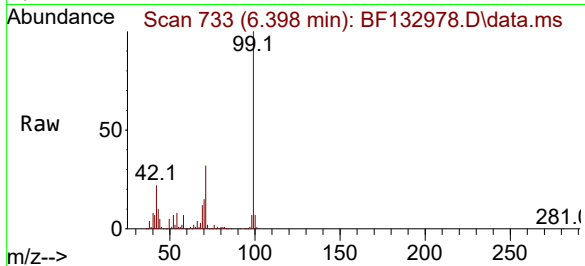




#7
Phenol-d6
Concen: 28.036 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF132978.D
Acq: 21 Apr 2023 20:01

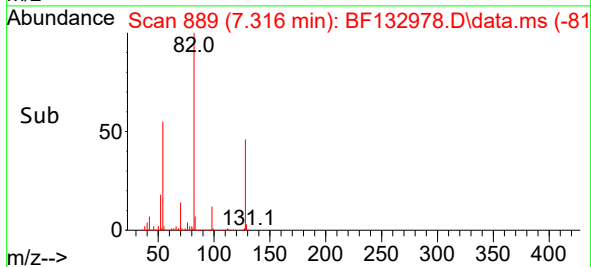
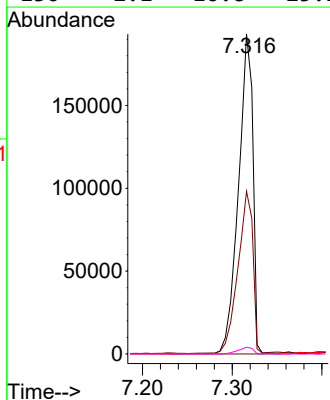
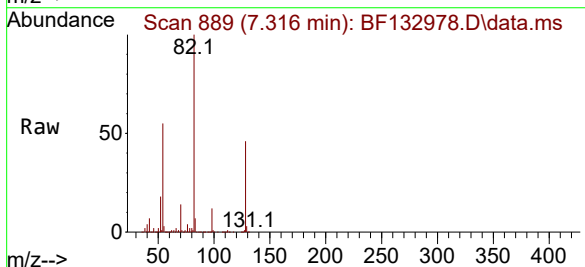
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

Tgt Ion: 99 Resp: 476476
Ion Ratio Lower Upper
99 100
42 21.6 16.3 24.5
71 32.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.369 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF132978.D
Acq: 21 Apr 2023 20:01

Tgt Ion: 70 Resp: 215513
Ion Ratio Lower Upper
70 100
42 50.8 51.8 77.6#
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#

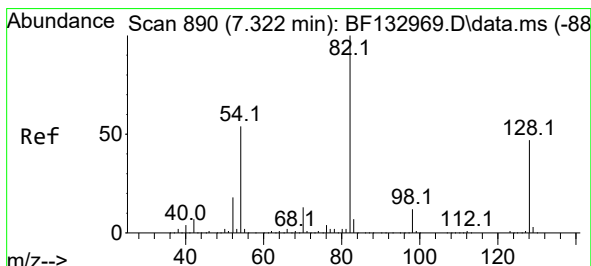
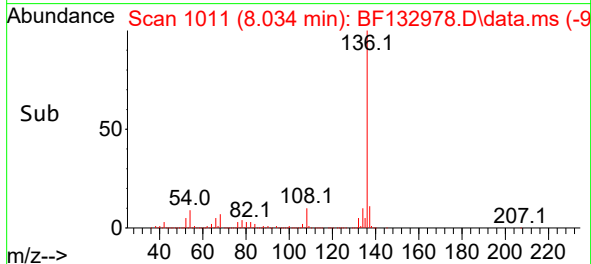
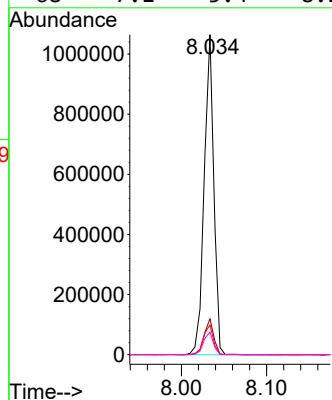
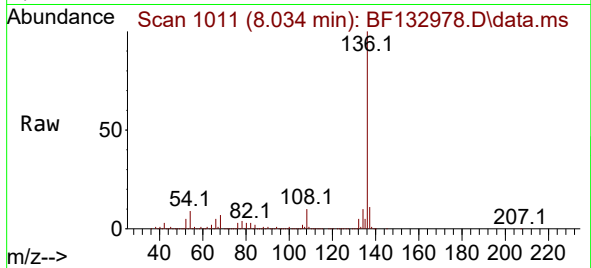




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132978.D
Acq: 21 Apr 2023 20:01

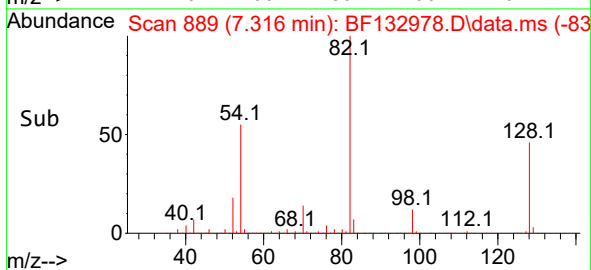
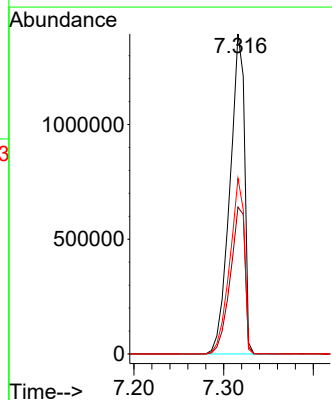
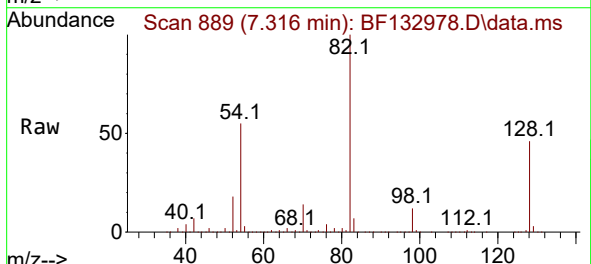
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

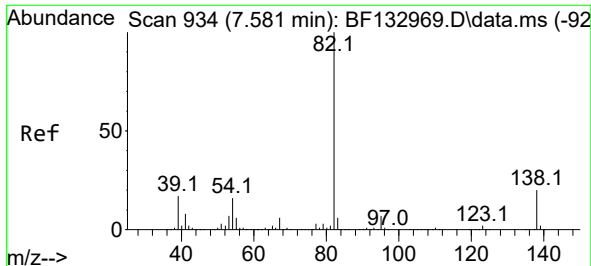
Tgt Ion:136 Resp: 833166
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.3 7.0 10.4
68 7.1 5.4 8.2



#23
Nitrobenzene-d5
Concen: 102.437 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF132978.D
Acq: 21 Apr 2023 20:01

Tgt Ion: 82 Resp: 1581171
Ion Ratio Lower Upper
82 100
128 45.9 37.7 56.5
54 54.9 43.0 64.4

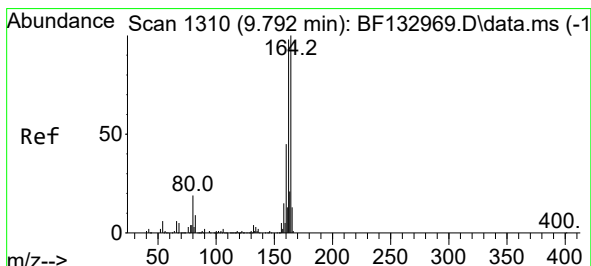
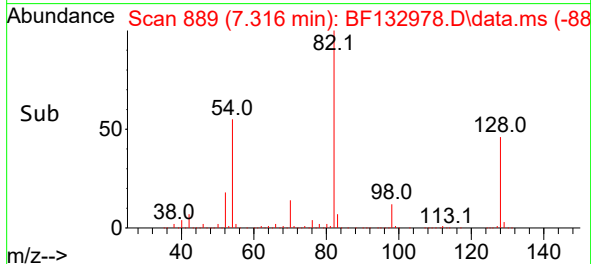
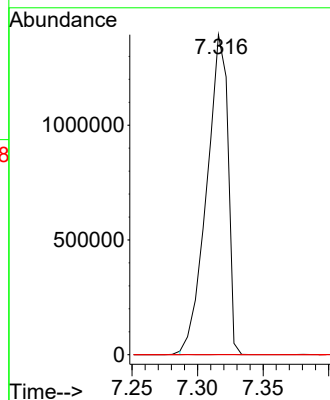
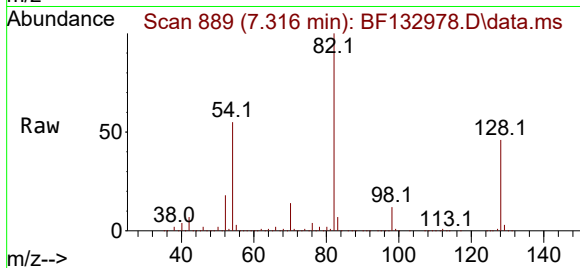




#25
Isophorone
Concen: 53.664 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132978.D
Acq: 21 Apr 2023 20:01

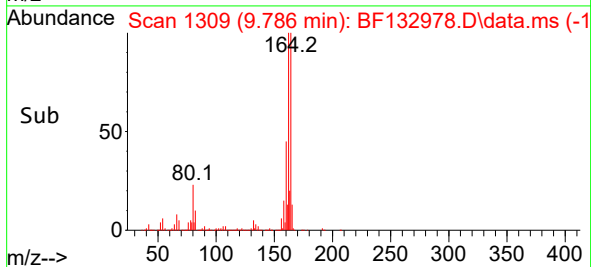
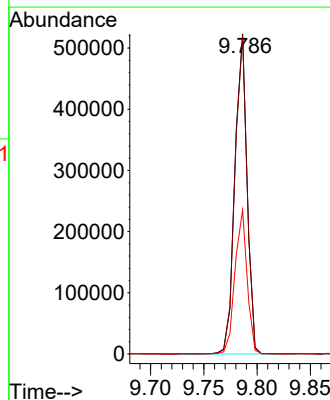
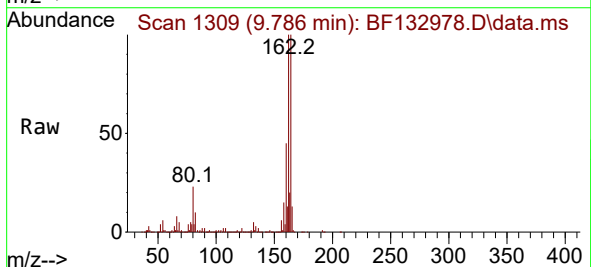
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

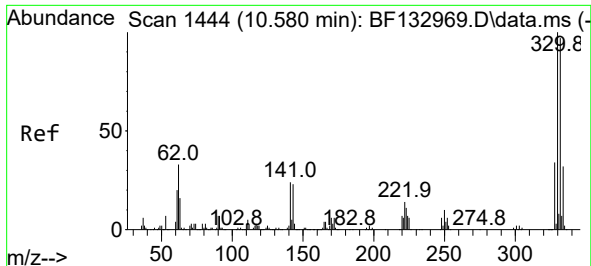
Tgt Ion: 82 Resp: 1572737
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF132978.D
Acq: 21 Apr 2023 20:01

Tgt Ion:164 Resp: 416168
Ion Ratio Lower Upper
164 100
162 99.7 78.7 118.1
160 44.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 92.059 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF132978.D

Acq: 21 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1

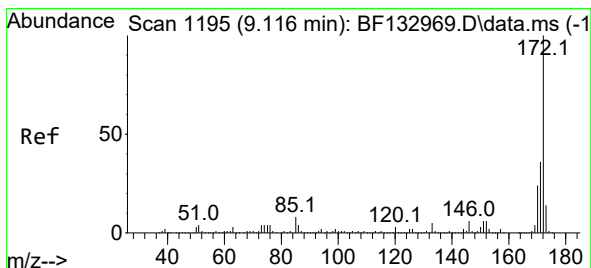
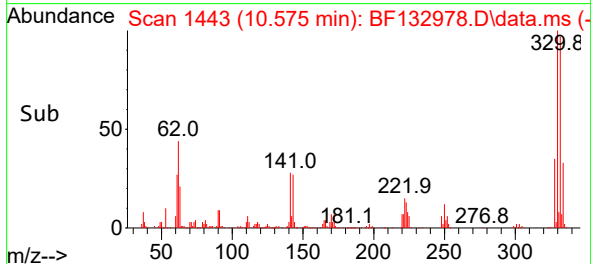
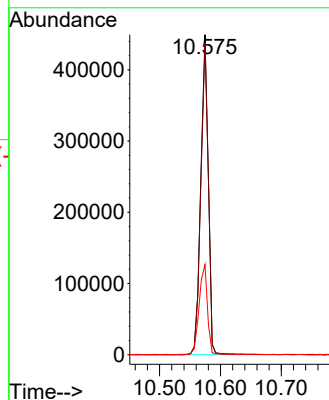
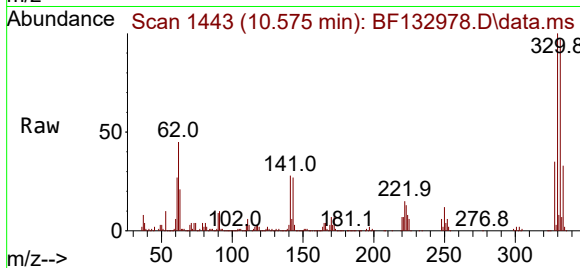
Tgt Ion:330 Resp: 385299

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 30.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 96.279 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF132978.D

Acq: 21 Apr 2023 20:01

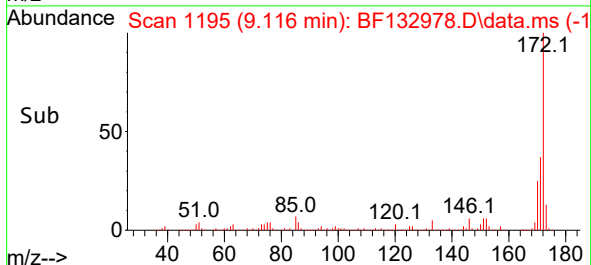
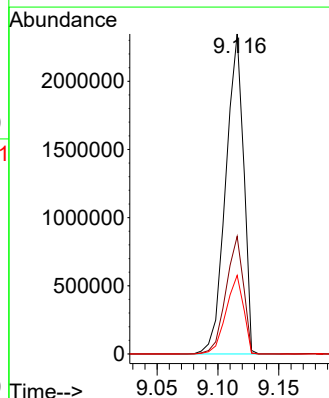
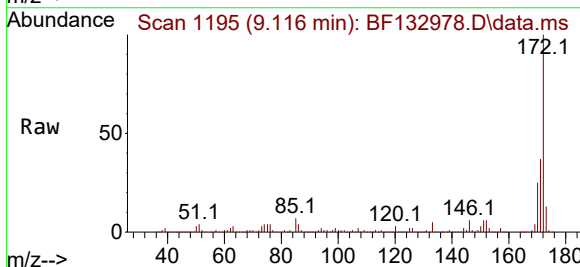
Tgt Ion:172 Resp: 2394989

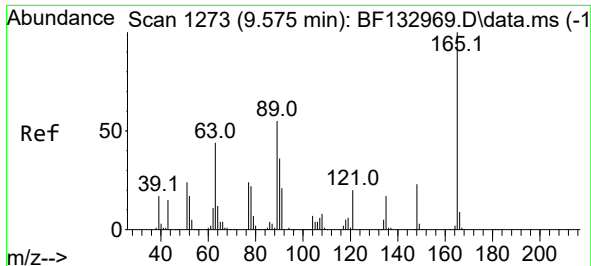
Ion Ratio Lower Upper

172 100

171 36.8 28.8 43.2

170 24.5 19.4 29.2

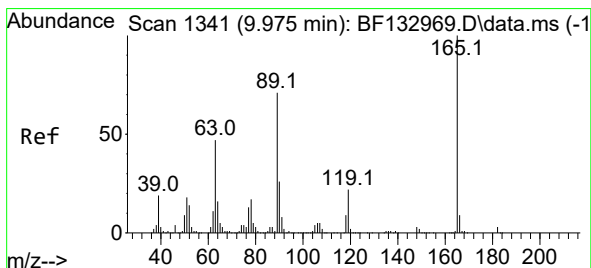
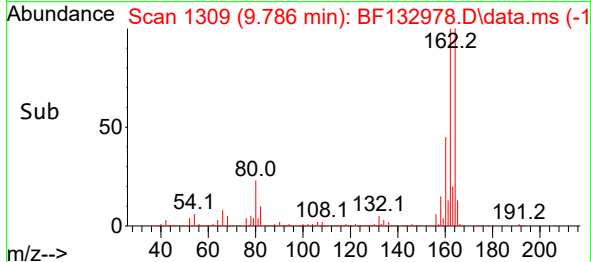
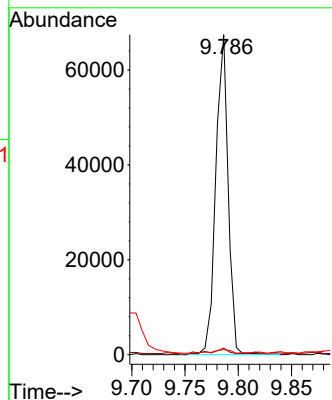
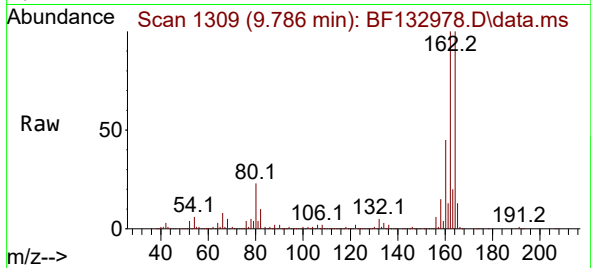




#51
2,6-Dinitrotoluene
Concen: 8.301 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF132978.D
Acq: 21 Apr 2023 20:01

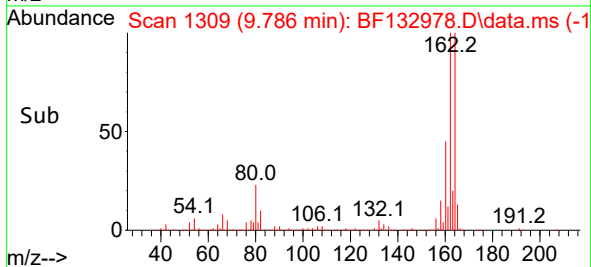
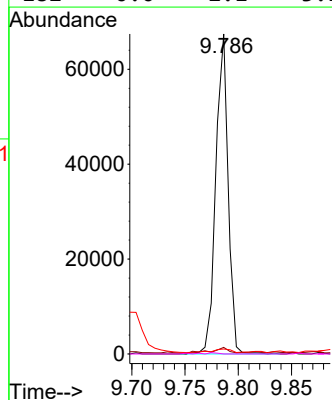
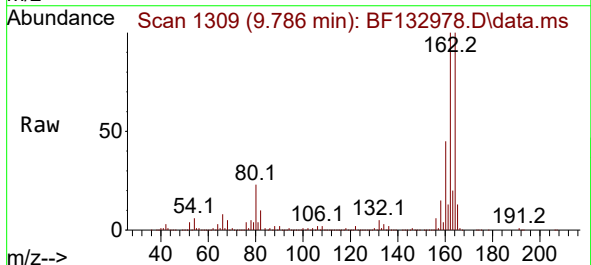
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SAMPLE-1

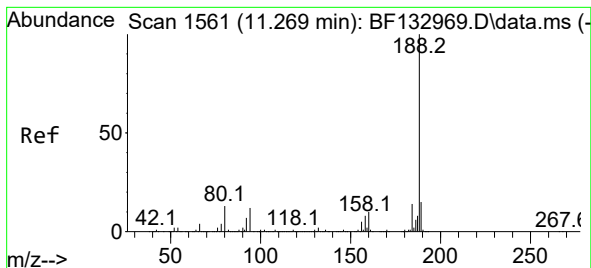
Tgt Ion:165 Resp: 54218
Ion Ratio Lower Upper
165 100
63 2.0 45.9 68.9#
89 1.5 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.509 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.188 min
Lab File: BF132978.D
Acq: 21 Apr 2023 20:01

Tgt Ion:165 Resp: 54218
Ion Ratio Lower Upper
165 100
63 2.0 37.7 56.5#
89 1.5 57.0 85.4#
182 0.0 2.1 3.1#

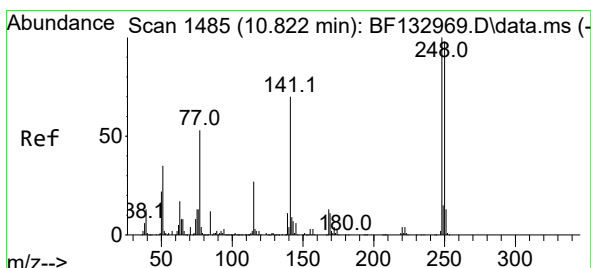
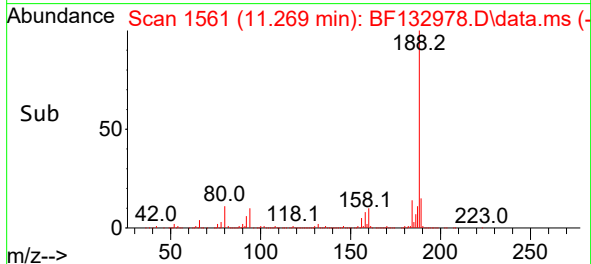
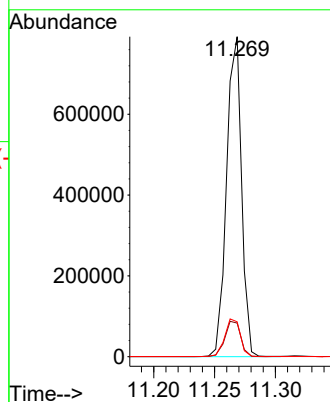
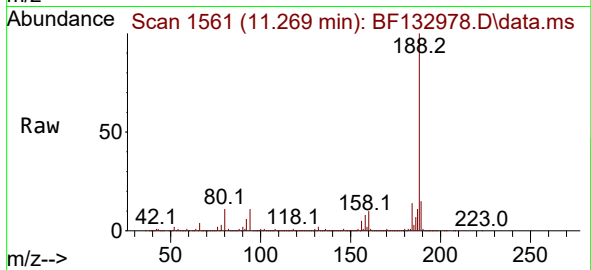




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132978.D
Acq: 21 Apr 2023 20:01

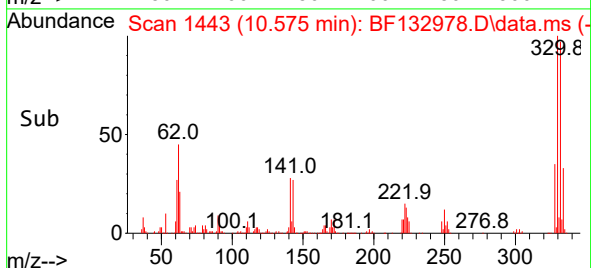
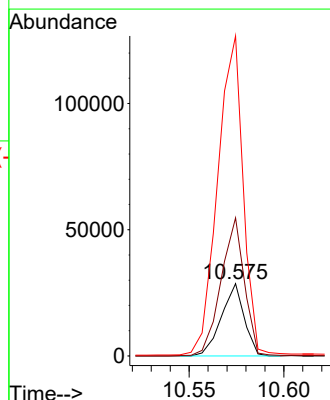
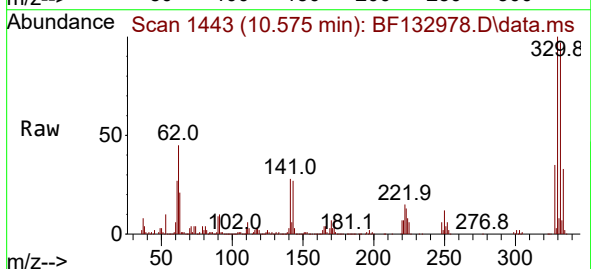
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

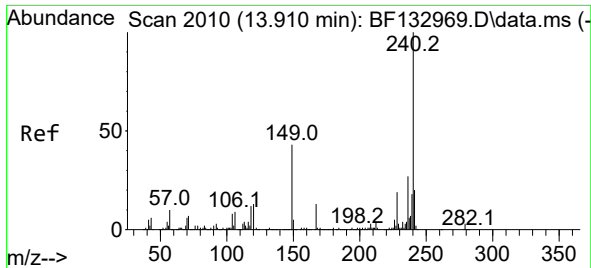
Tgt Ion:188 Resp: 679851
Ion Ratio Lower Upper
188 100
94 10.5 9.7 14.5
80 10.9 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 3.256 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.247 min
Lab File: BF132978.D
Acq: 21 Apr 2023 20:01

Tgt Ion:248 Resp: 24007
Ion Ratio Lower Upper
248 100
250 190.7 78.7 118.1#
141 442.1 56.3 84.5#

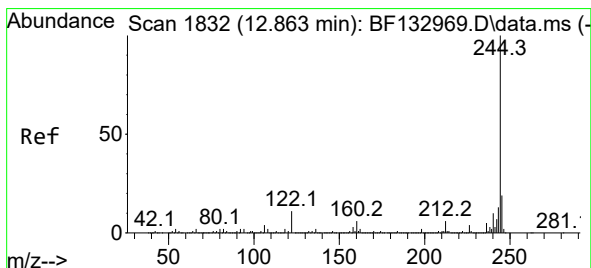
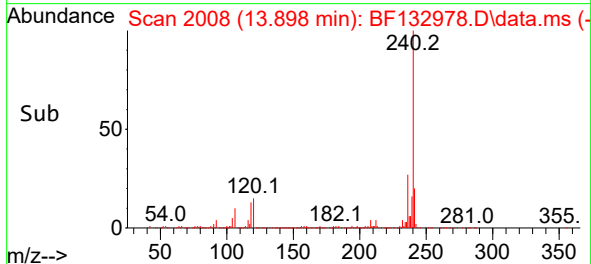
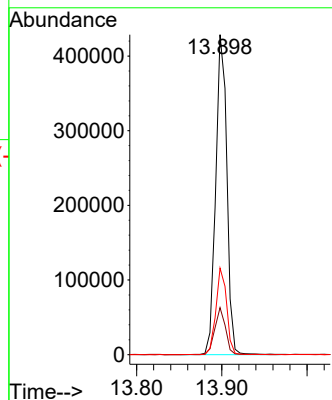
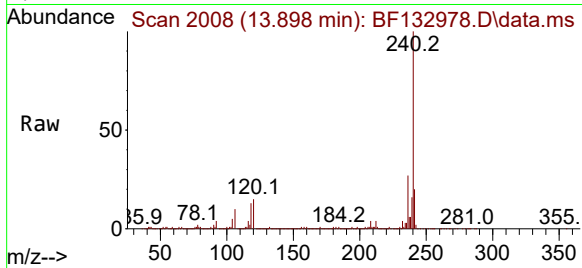




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF132978.D
Acq: 21 Apr 2023 20:01

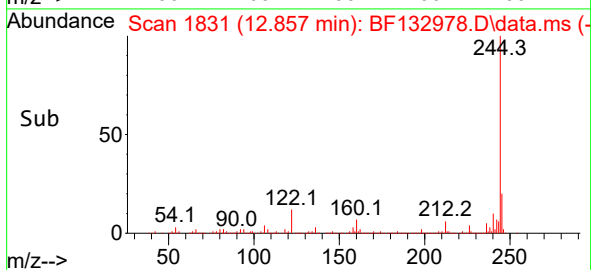
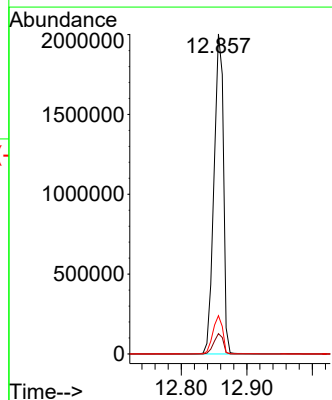
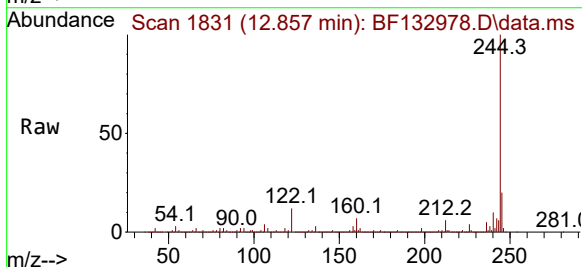
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

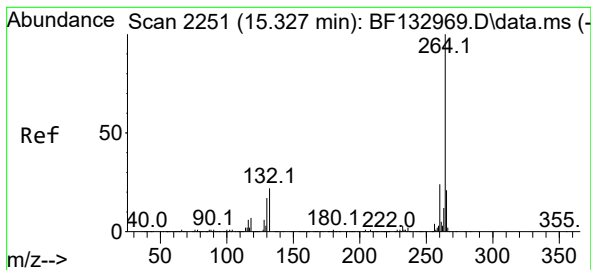
Tgt Ion:240 Resp: 389840
Ion Ratio Lower Upper
240 100
120 14.7 10.5 15.7
236 27.0 21.5 32.3



#79
Terphenyl-d14
Concen: 88.802 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF132978.D
Acq: 21 Apr 2023 20:01

Tgt Ion:244 Resp: 2007258
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 11.9 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.327 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF132978.D

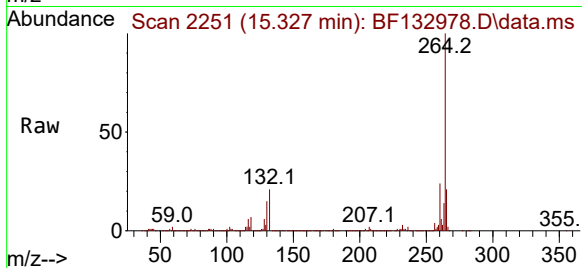
Acq: 21 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1



Tgt Ion:264 Resp: 372250

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.4 17.0 25.4

