

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133970.D
 Acq On : 27 Jun 2023 03:07
 Operator : CG\JU
 Sample : PB153530BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153762BL

Quant Time: Jun 27 06:03:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

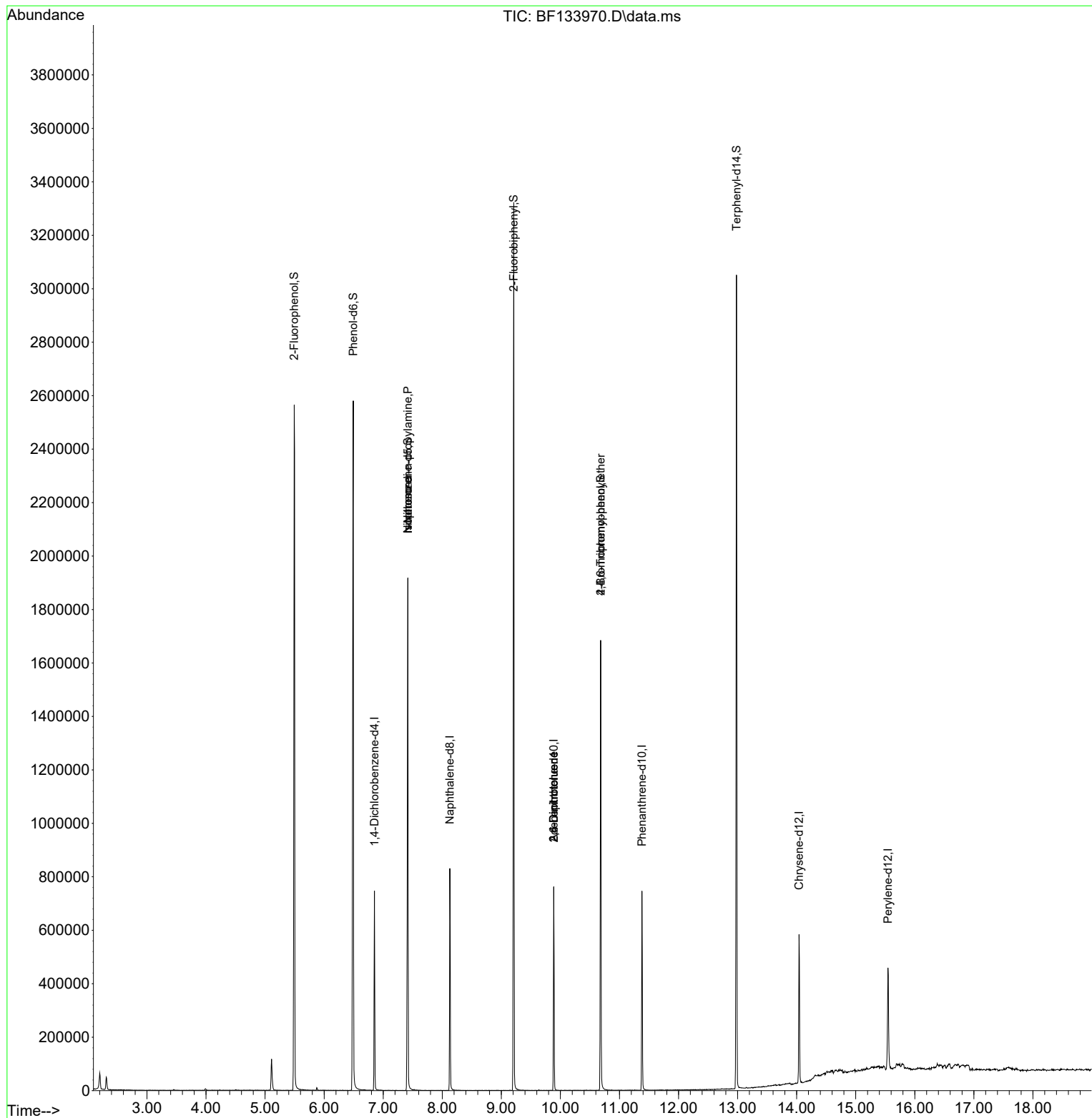
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	96390	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	337259	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	138937	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	265194	20.000	ng	0.00
76) Chrysene-d12	14.039	240	187452	20.000	ng	0.00
86) Perylene-d12	15.545	264	175525	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	713957	123.901	ng	0.01
7) Phenol-d6	6.493	99	816695	115.247	ng	0.00
23) Nitrobenzene-d5	7.416	82	556744	88.986	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	188921	108.451	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	927374	97.044	ng	0.00
79) Terphenyl-d14	12.980	244	1029362	88.379	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.493	77	1559	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	78544	17.477	ng	# 77
25) Isophorone	7.416	82	556740	48.963	ng	# 64
51) 2,6-Dinitrotoluene	9.886	165	17729	8.162	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	17729	6.180	ng	# 22
67) 4-Bromophenyl-phenylether	10.681	248	11481	4.073	ng	# 1

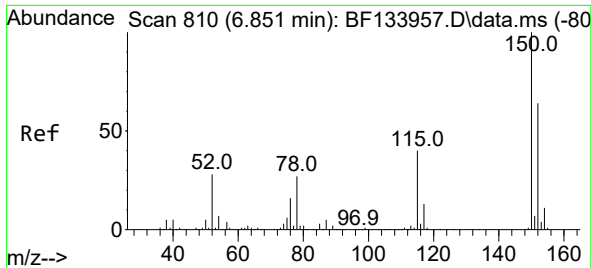
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
Data File : BF133970.D
Acq On : 27 Jun 2023 03:07
Operator : CG\JU
Sample : PB153530BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB153762BL

Quant Time: Jun 27 06:03:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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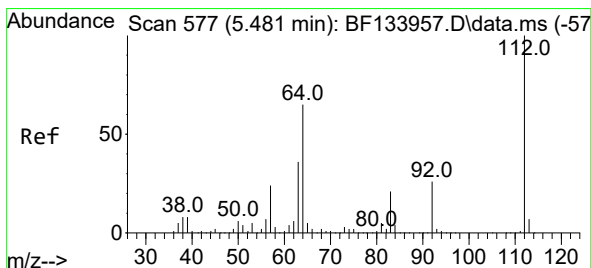
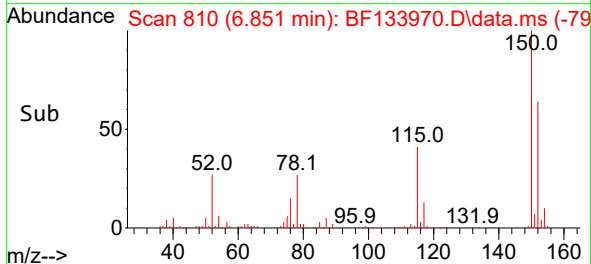
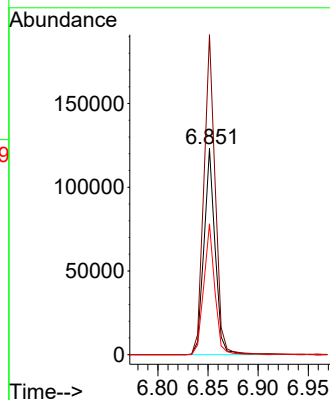
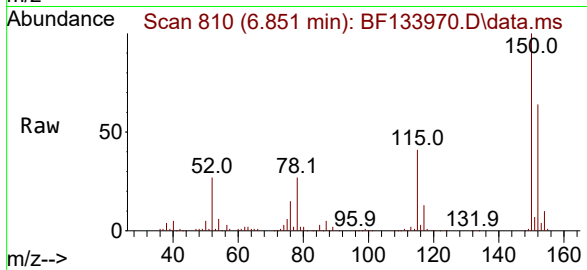




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133970.D
Acq: 27 Jun 2023 03:07

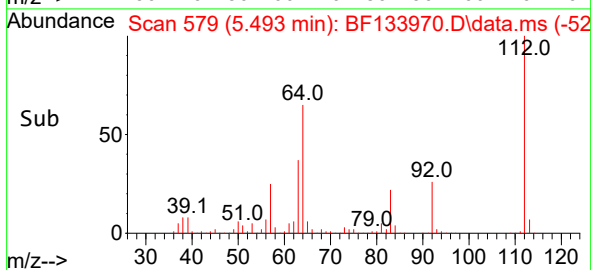
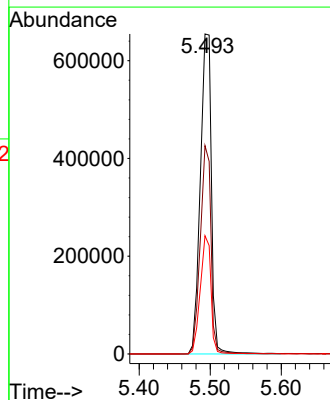
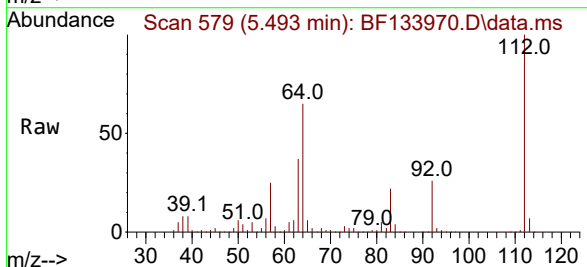
Instrument :
BNA_F
ClientSampleId :
PB153762BL

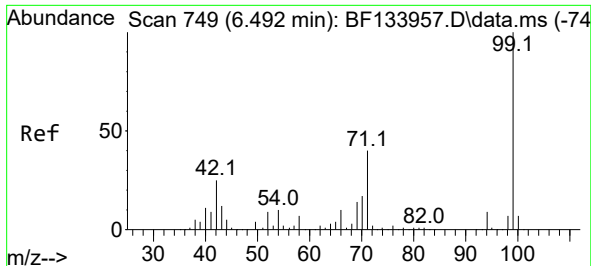
Tgt Ion:152 Resp: 96390
Ion Ratio Lower Upper
152 100
150 155.2 124.5 186.7
115 63.5 50.2 75.2



#5
2-Fluorophenol
Concen: 123.901 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF133970.D
Acq: 27 Jun 2023 03:07

Tgt Ion:112 Resp: 713957
Ion Ratio Lower Upper
112 100
64 65.1 52.1 78.1
63 36.9 28.6 42.8

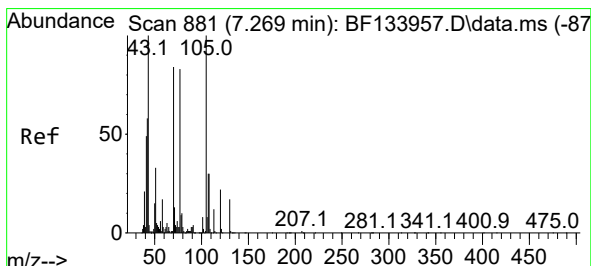
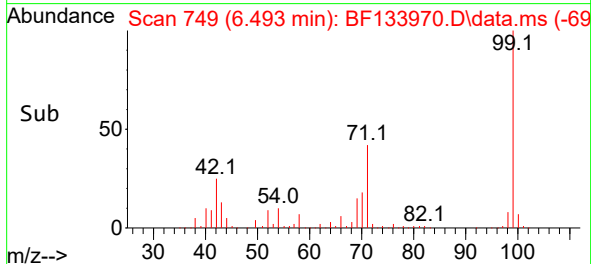
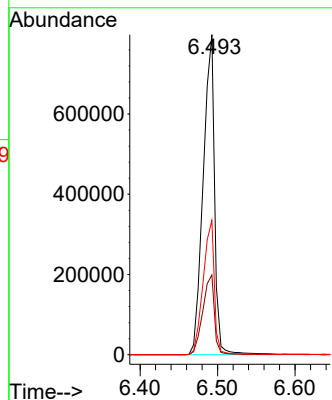
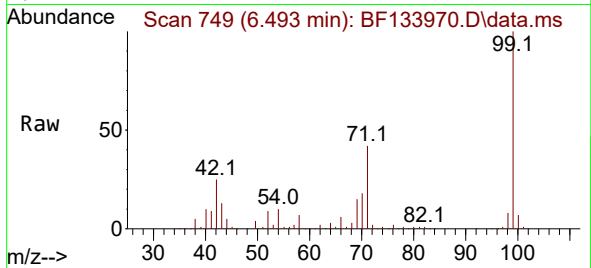




#7
Phenol-d6
Concen: 115.247 ng
RT: 6.493 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF133970.D
Acq: 27 Jun 2023 03:07

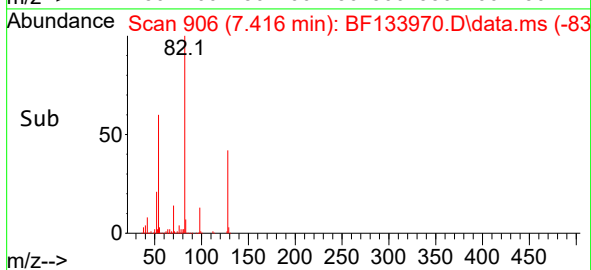
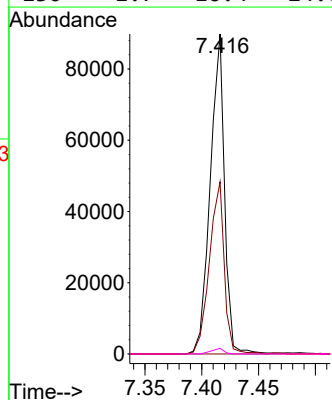
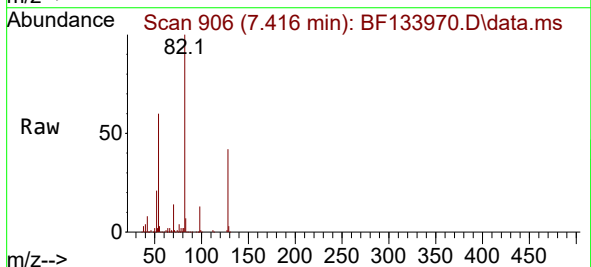
Instrument :
BNA_F
ClientSampleId :
PB153762BL

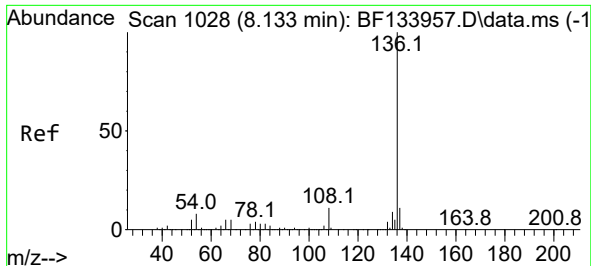
Tgt Ion: 99 Resp: 816695
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.6
71 42.0 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.477 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF133970.D
Acq: 27 Jun 2023 03:07

Tgt Ion: 70 Resp: 78544
Ion Ratio Lower Upper
70 100
42 53.8 54.7 82.1#
101 0.0 7.7 11.5#
130 1.7 16.4 24.6#

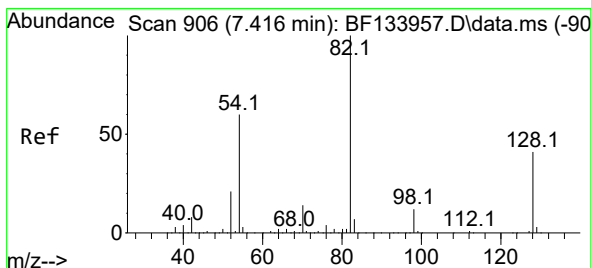
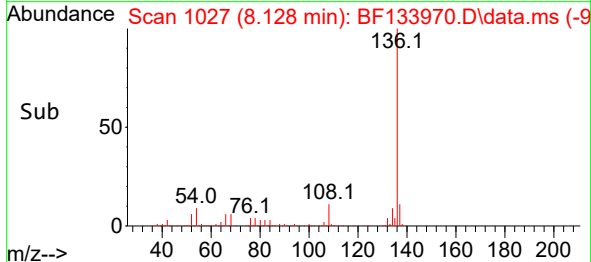
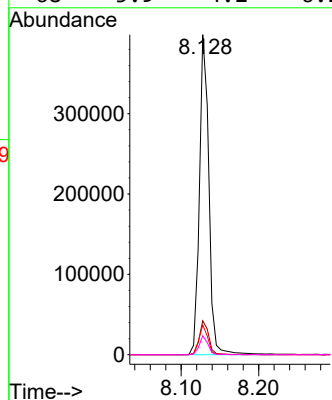
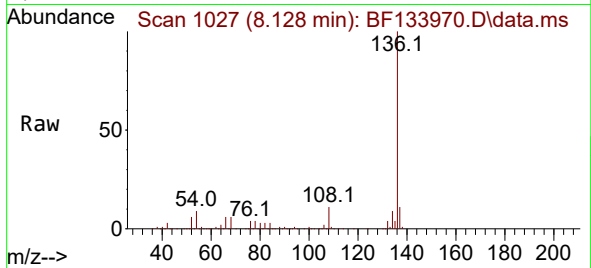




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133970.D
Acq: 27 Jun 2023 03:07

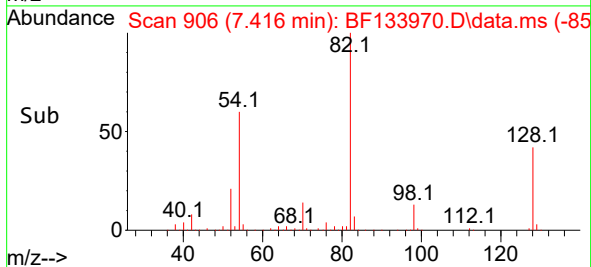
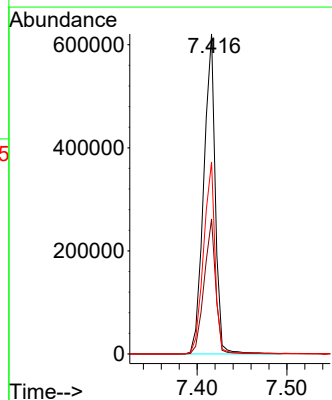
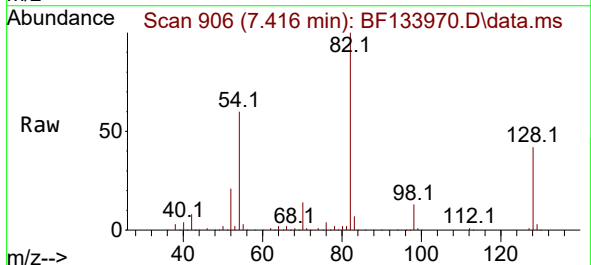
Instrument :
BNA_F
ClientSampleId :
PB153762BL

Tgt Ion:136 Resp: 337259
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.3 6.5 9.7
68 5.9 4.2 6.2



#23
Nitrobenzene-d5
Concen: 88.986 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF133970.D
Acq: 27 Jun 2023 03:07

Tgt Ion: 82 Resp: 556744
Ion Ratio Lower Upper
82 100
128 42.2 32.5 48.7
54 60.0 48.2 72.2

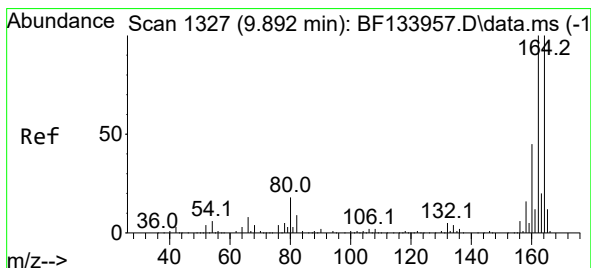
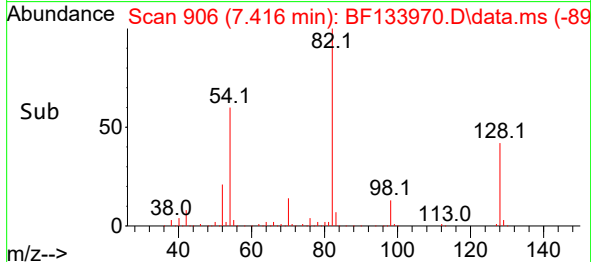
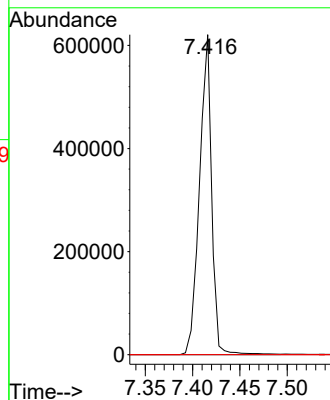
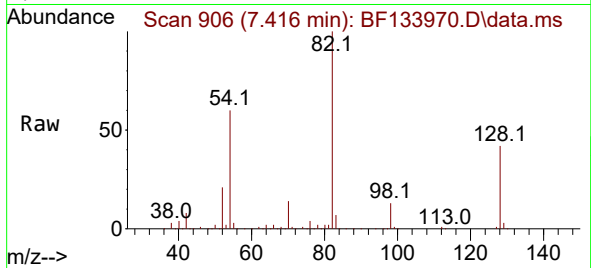




#25
Isophorone
Concen: 48.963 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133970.D
Acq: 27 Jun 2023 03:07

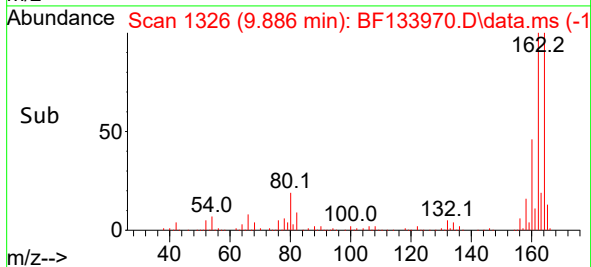
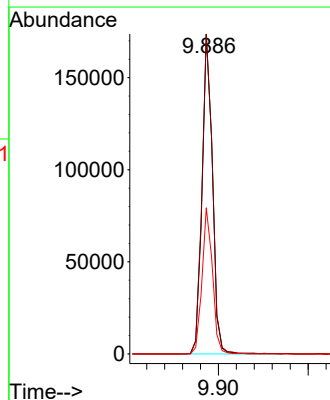
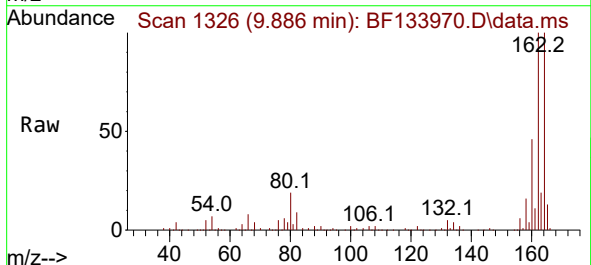
Instrument :
BNA_F
ClientSampleId :
PB153762BL

Tgt Ion: 82 Resp: 556740
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF133970.D
Acq: 27 Jun 2023 03:07

Tgt Ion:164 Resp: 138937
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 45.7 35.9 53.9

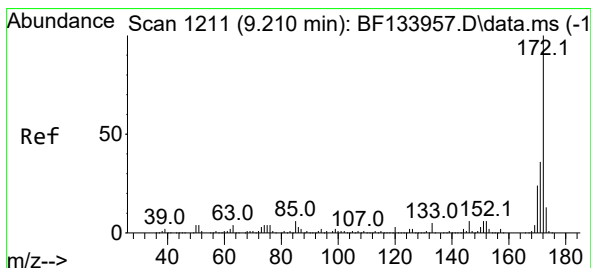
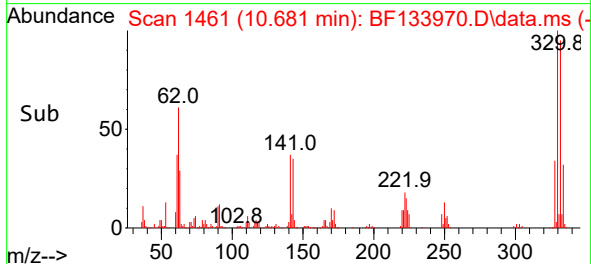
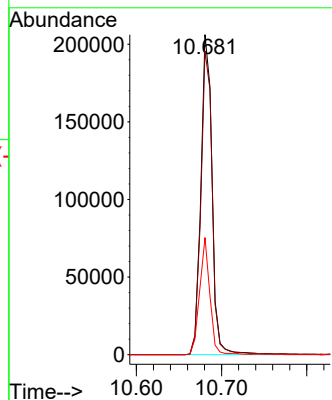
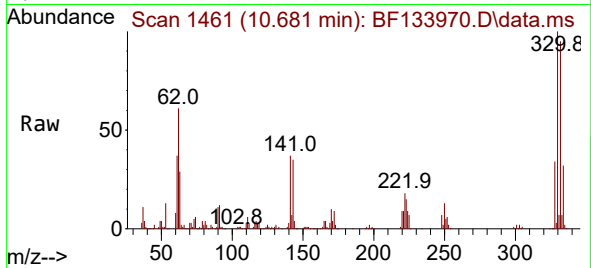




#42
2,4,6-Tribromophenol
Concen: 108.451 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF133970.D
Acq: 27 Jun 2023 03:07

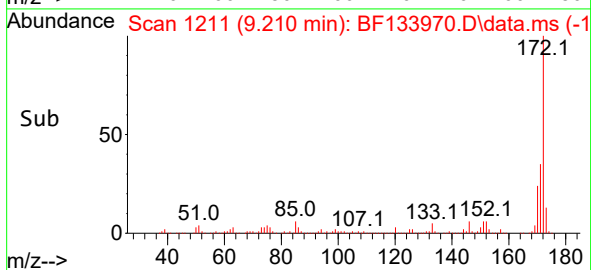
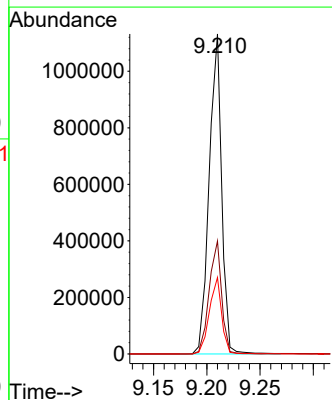
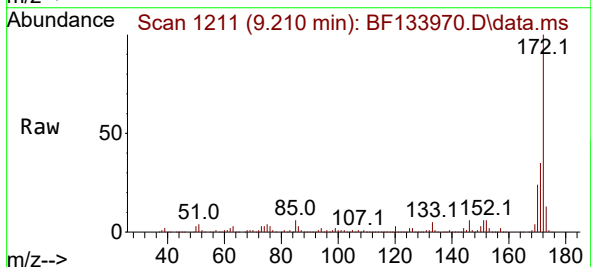
Instrument :
BNA_F
ClientSampleId :
PB153762BL

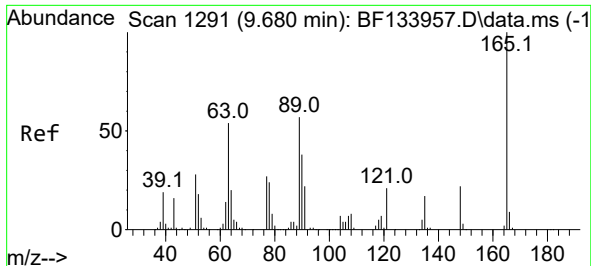
Tgt Ion:330 Resp: 188921
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 33.4 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 97.044 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133970.D
Acq: 27 Jun 2023 03:07

Tgt Ion:172 Resp: 927374
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.9 19.4 29.0

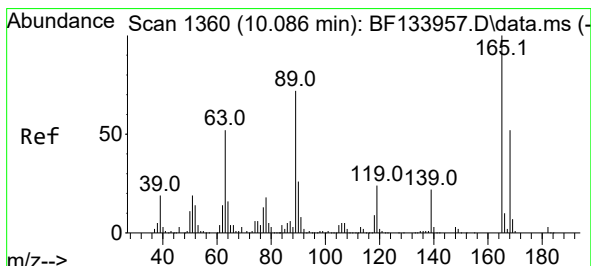
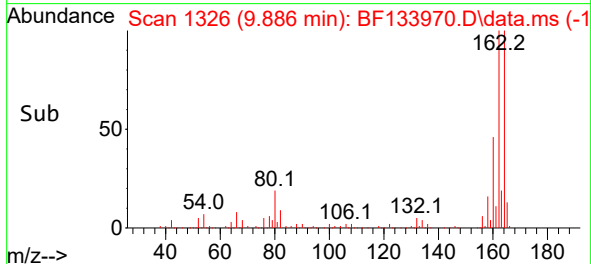
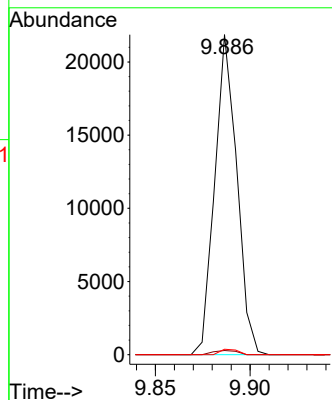
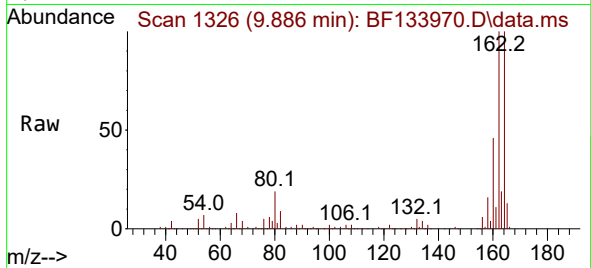




#51
2,6-Dinitrotoluene
Concen: 8.162 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133970.D
Acq: 27 Jun 2023 03:07

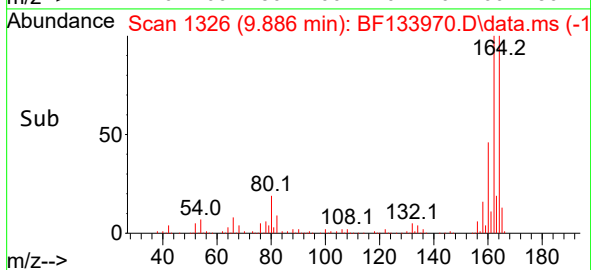
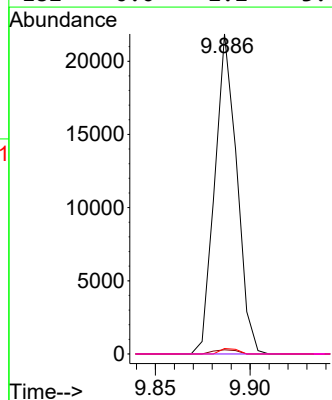
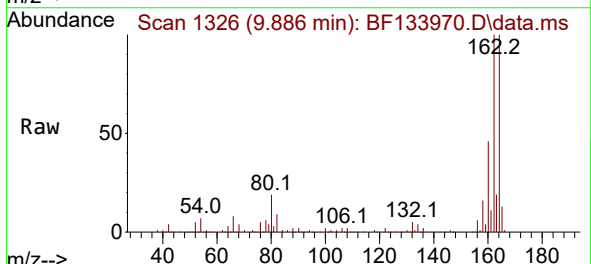
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ClientSampleId :
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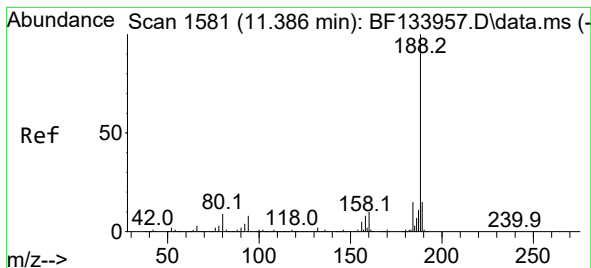
Tgt Ion:165 Resp: 17729
Ion Ratio Lower Upper
165 100
63 1.3 48.5 72.7#
89 1.7 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.180 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF133970.D
Acq: 27 Jun 2023 03:07

Tgt Ion:165 Resp: 17729
Ion Ratio Lower Upper
165 100
63 1.3 42.2 63.2#
89 1.7 57.4 86.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133970.D

Acq: 27 Jun 2023 03:07

Instrument :

BNA_F

ClientSampleId :

PB153762BL

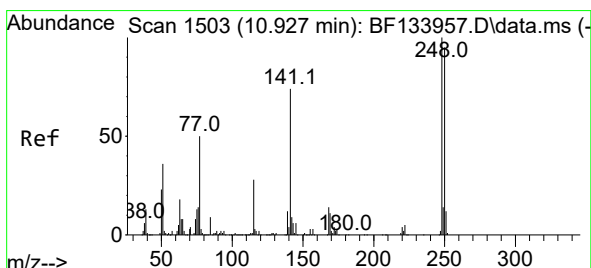
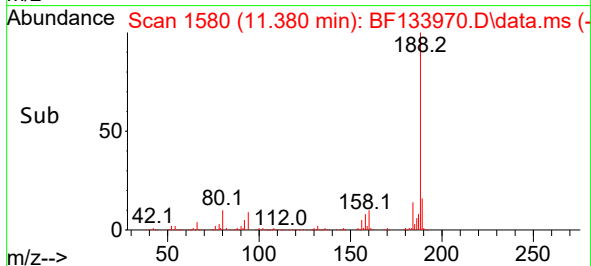
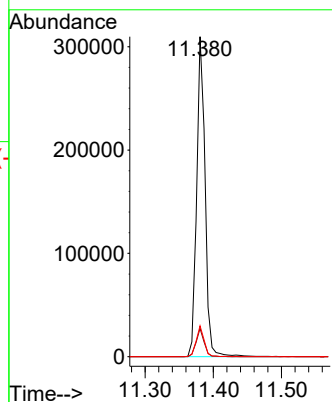
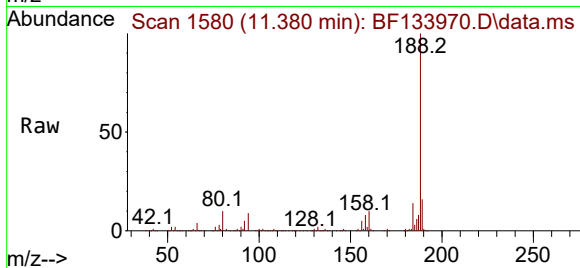
Tgt Ion:188 Resp: 265194

Ion Ratio Lower Upper

188 100

94 8.8 6.4 9.6

80 9.6 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.073 ng

RT: 10.681 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF133970.D

Acq: 27 Jun 2023 03:07

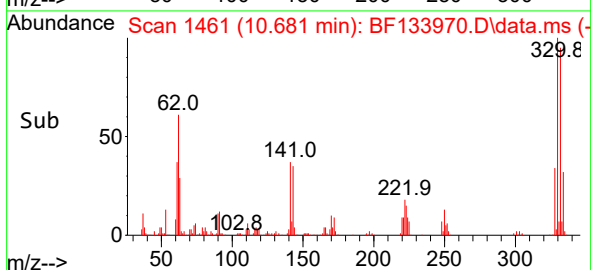
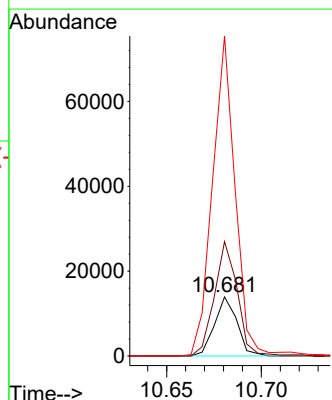
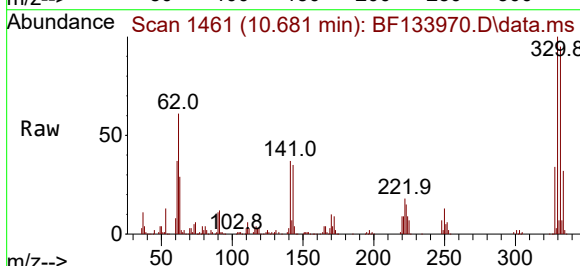
Tgt Ion:248 Resp: 11481

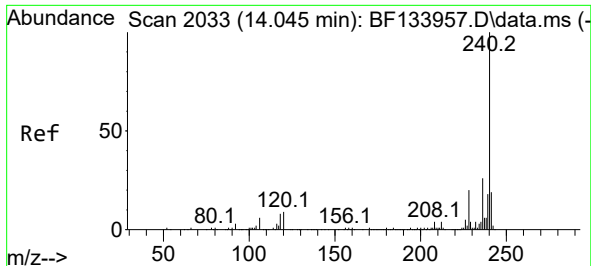
Ion Ratio Lower Upper

248 100

250 193.9 76.2 114.4#

141 541.9 59.0 88.4#

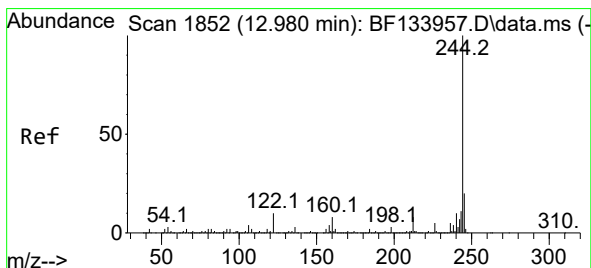
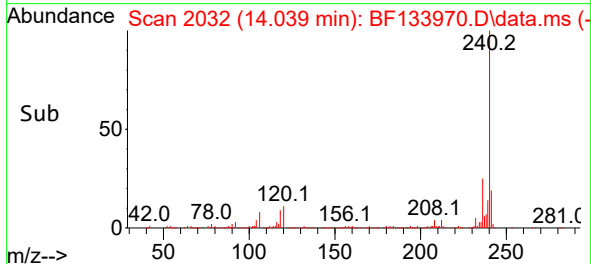
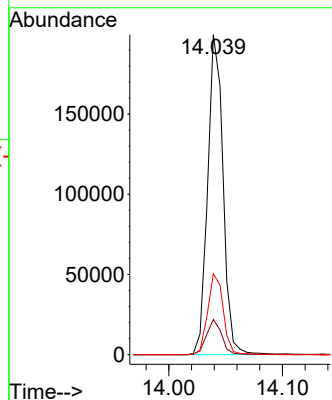
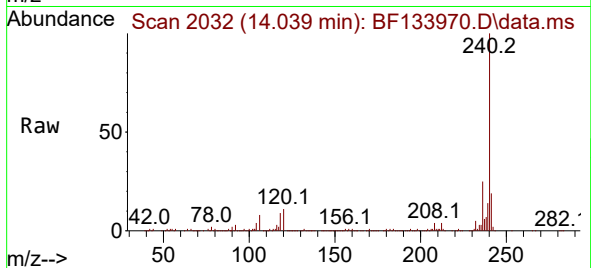




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133970.D
Acq: 27 Jun 2023 03:07

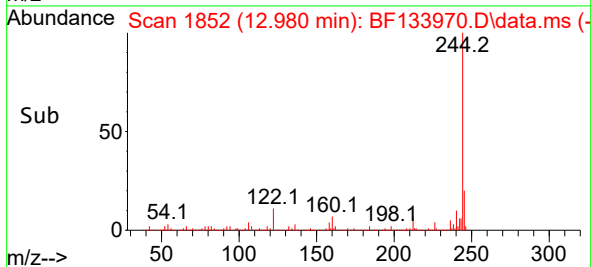
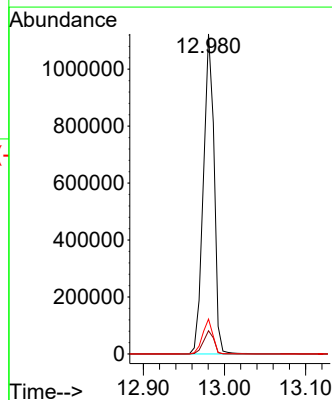
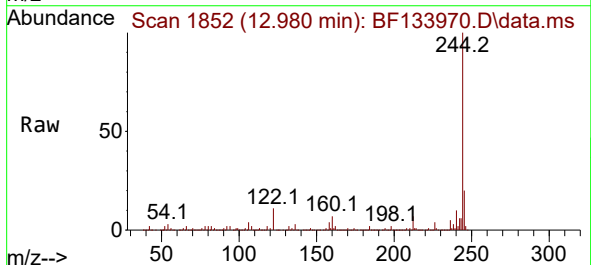
Instrument :
BNA_F
ClientSampleId :
PB153762BL

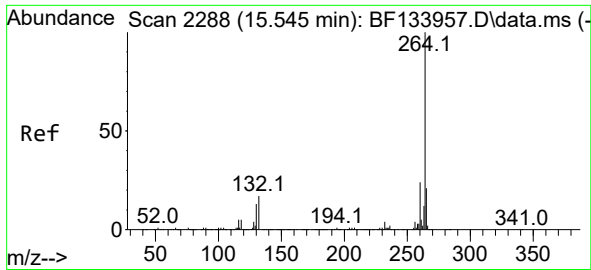
Tgt Ion:240 Resp: 187452
Ion Ratio Lower Upper
240 100
120 11.0 7.4 11.0
236 25.3 21.0 31.6



#79
Terphenyl-d14
Concen: 88.379 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF133970.D
Acq: 27 Jun 2023 03:07

Tgt Ion:244 Resp: 1029362
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.9 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133970.D

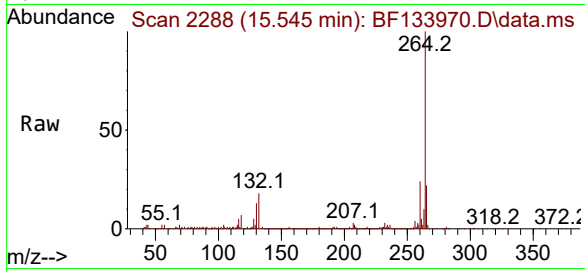
Acq: 27 Jun 2023 03:07

Instrument :

BNA_F

ClientSampleId :

PB153762BL



Tgt Ion:264 Resp: 175525

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.7 16.6 25.0

