

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134056.D
 Acq On : 30 Jun 2023 17:03
 Operator : CG\JU
 Sample : PB153876BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153876BL

Quant Time: Jun 30 18:38:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

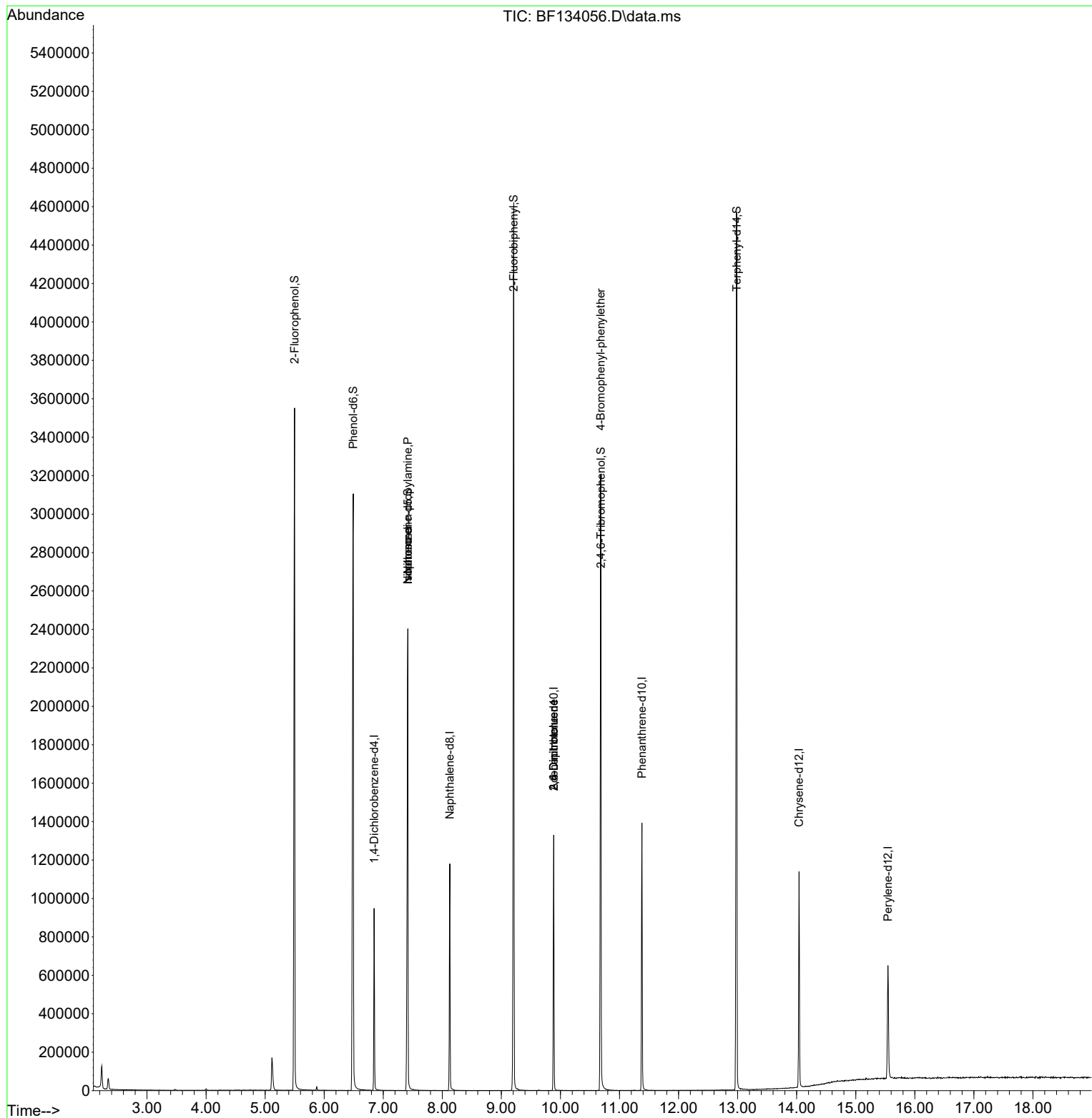
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	129289	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	498857	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	253634	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	523976	20.000	ng	0.00
76) Chrysene-d12	14.039	240	374707	20.000	ng	-0.01
86) Perylene-d12	15.545	264	297712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	977977	126.533	ng	0.01
7) Phenol-d6	6.492	99	1185812	124.754	ng	0.00
23) Nitrobenzene-d5	7.416	82	823641	89.001	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	422572	132.882	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1524912	87.412	ng	0.00
79) Terphenyl-d14	12.986	244	1926490	82.745	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	2265	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	117008	19.411	ng	# 75
25) Isophorone	7.416	82	819826	48.744	ng	# 64
51) 2,6-Dinitrotoluene	9.886	165	32601	8.221	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	32601	6.225	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	25614	4.599	ng	# 1

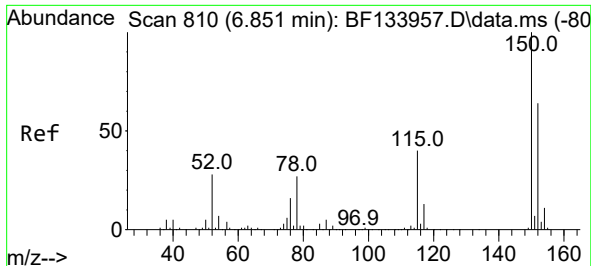
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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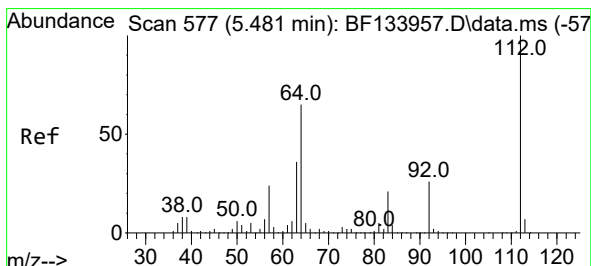
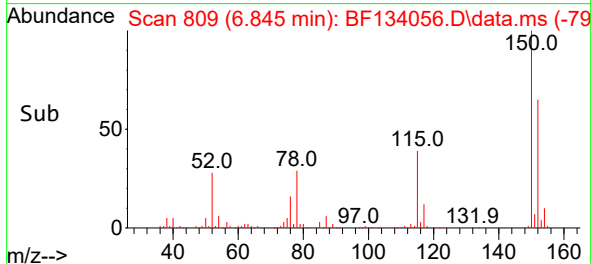
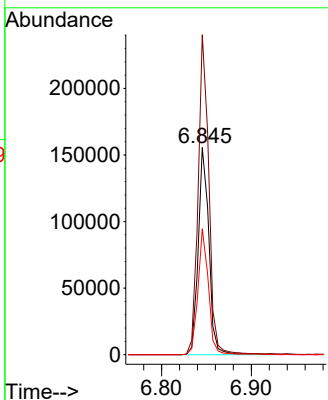
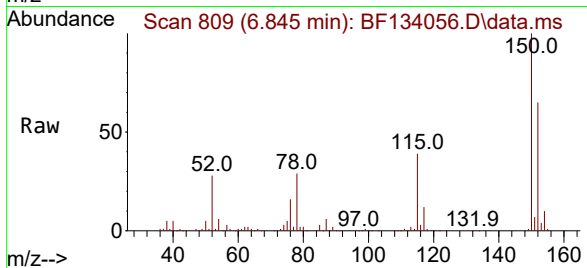




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134056.D
Acq: 30 Jun 2023 17:03

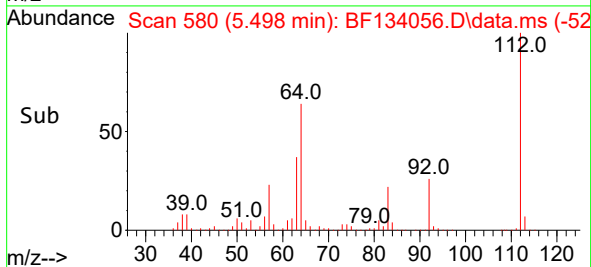
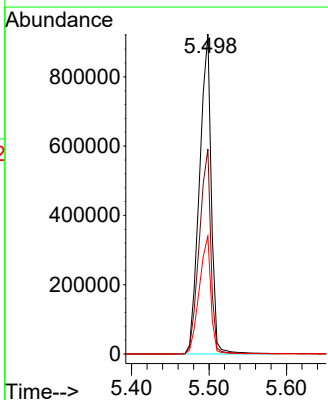
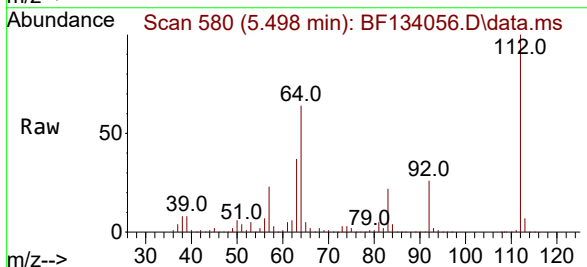
Instrument :
BNA_F
ClientSampleId :
PB153876BL

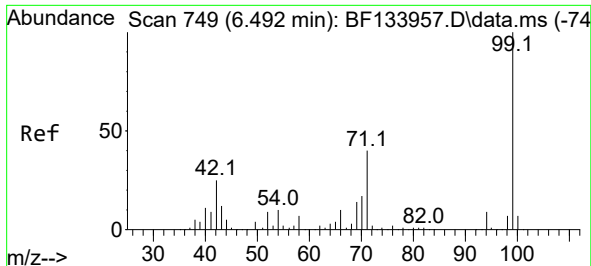
Tgt Ion:152 Resp: 129289
Ion Ratio Lower Upper
152 100
150 154.4 124.5 186.7
115 60.7 50.2 75.2



#5
2-Fluorophenol
Concen: 126.533 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134056.D
Acq: 30 Jun 2023 17:03

Tgt Ion:112 Resp: 977977
Ion Ratio Lower Upper
112 100
64 64.0 52.1 78.1
63 36.8 28.6 42.8

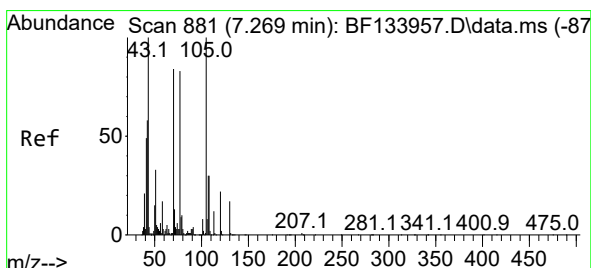
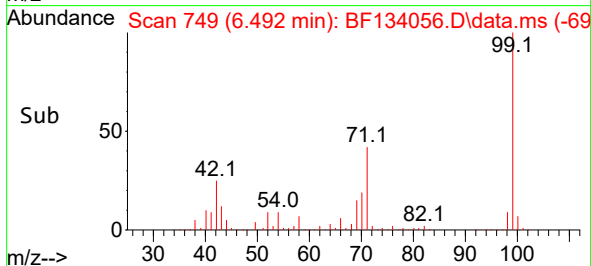
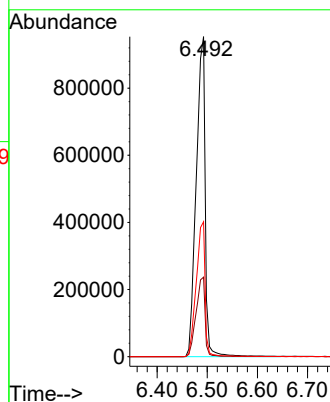
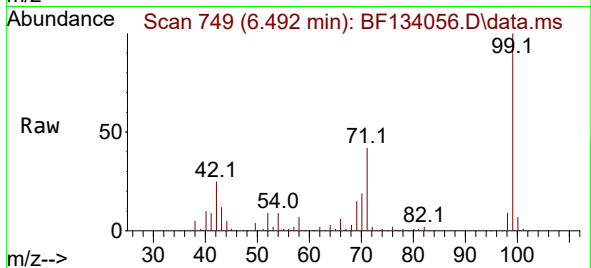




#7
Phenol-d6
Concen: 124.754 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134056.D
Acq: 30 Jun 2023 17:03

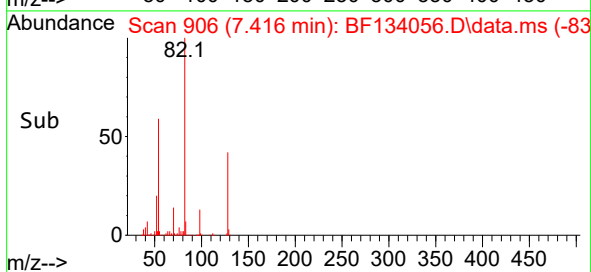
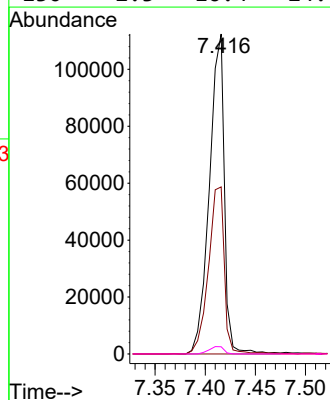
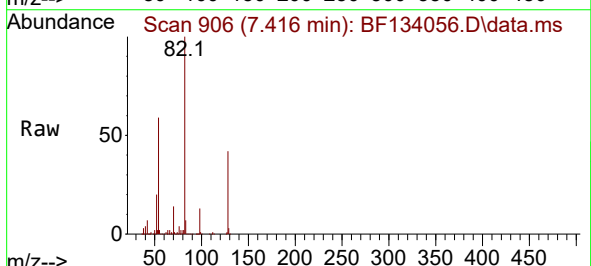
Instrument :
BNA_F
ClientSampleId :
PB153876BL

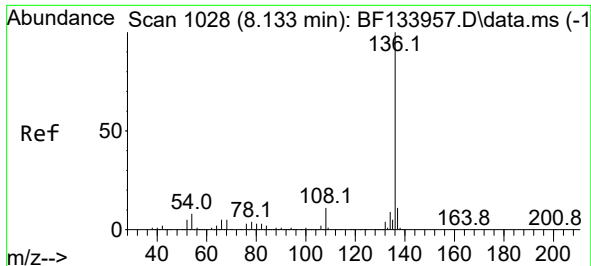
Tgt Ion: 99 Resp: 1185812
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.6
71 42.2 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.411 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF134056.D
Acq: 30 Jun 2023 17:03

Tgt Ion: 70 Resp: 117008
Ion Ratio Lower Upper
70 100
42 52.2 54.7 82.1#
101 0.0 7.7 11.5#
130 2.3 16.4 24.6#

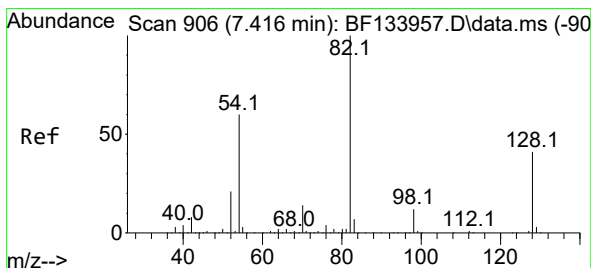
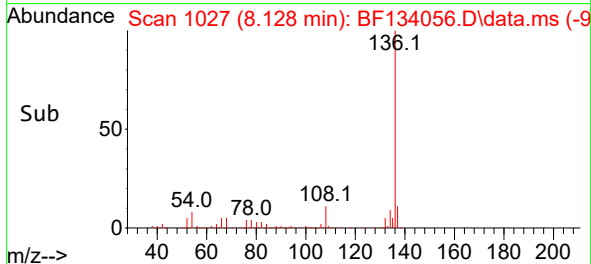
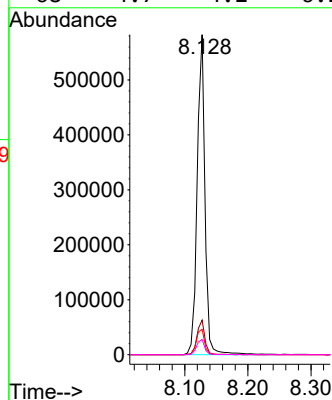
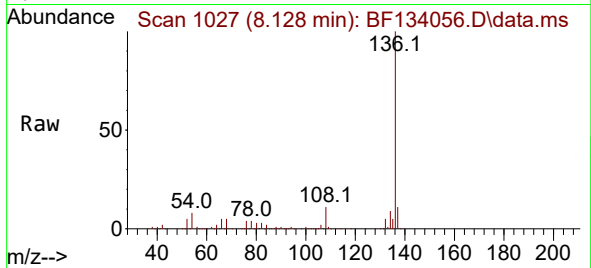




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF134056.D
Acq: 30 Jun 2023 17:03

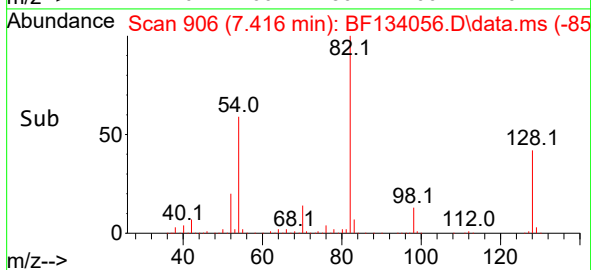
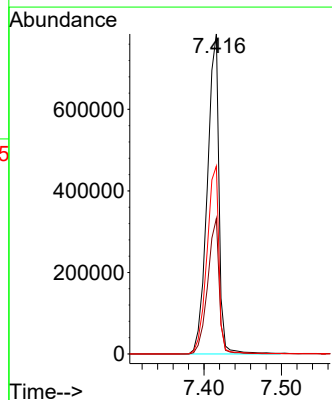
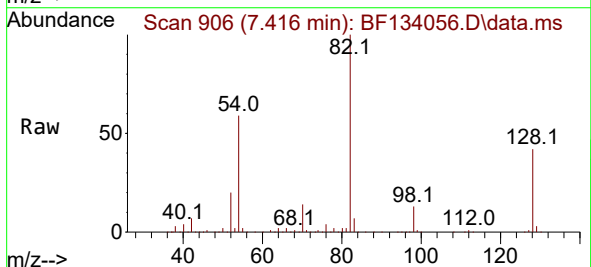
Instrument :
BNA_F
ClientSampleId :
PB153876BL

Tgt Ion:136 Resp: 498857
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.9 6.5 9.7
68 4.7 4.2 6.2



#23
Nitrobenzene-d5
Concen: 89.001 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134056.D
Acq: 30 Jun 2023 17:03

Tgt Ion: 82 Resp: 823641
Ion Ratio Lower Upper
82 100
128 42.3 32.5 48.7
54 58.7 48.2 72.2

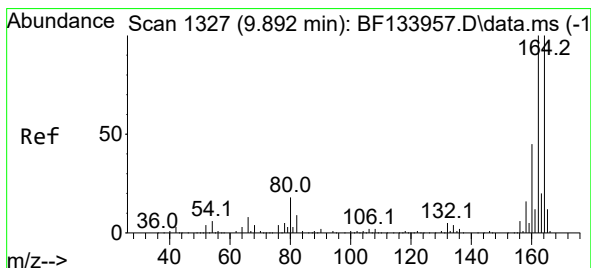
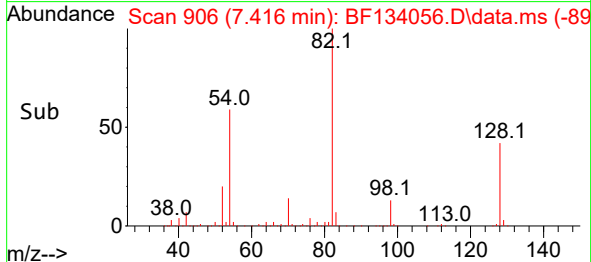
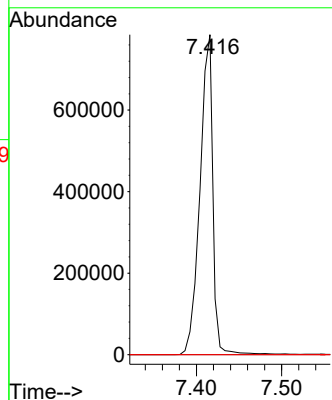
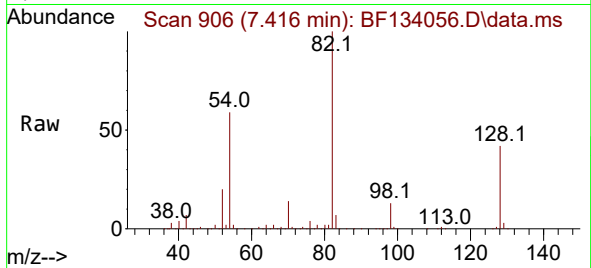




#25
Isophorone
Concen: 48.744 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134056.D
Acq: 30 Jun 2023 17:03

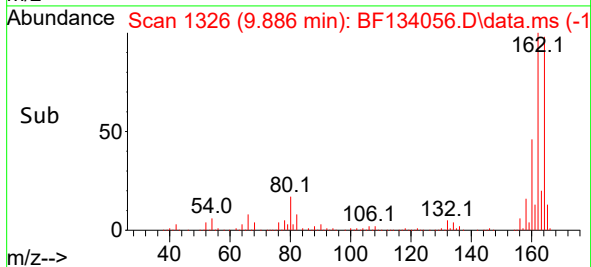
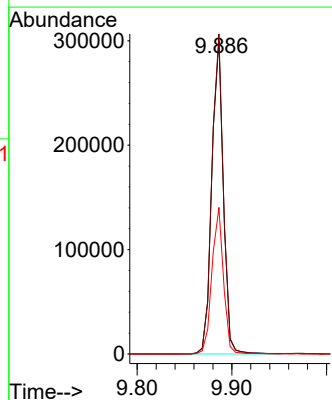
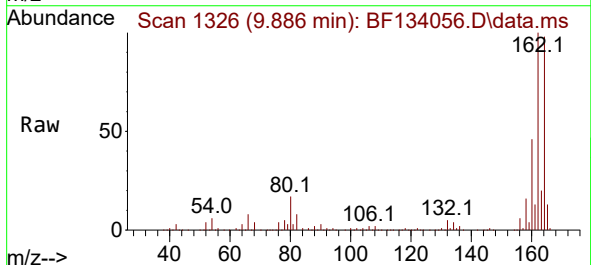
Instrument :
BNA_F
ClientSampleId :
PB153876BL

Tgt Ion: 82 Resp: 819826
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: BF134056.D
Acq: 30 Jun 2023 17:03

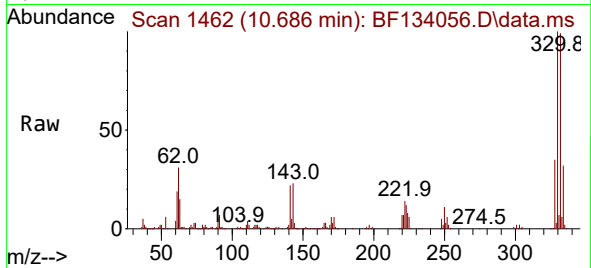
Tgt Ion: 164 Resp: 253634
Ion Ratio Lower Upper
164 100
162 102.0 80.0 120.0
160 46.8 35.9 53.9



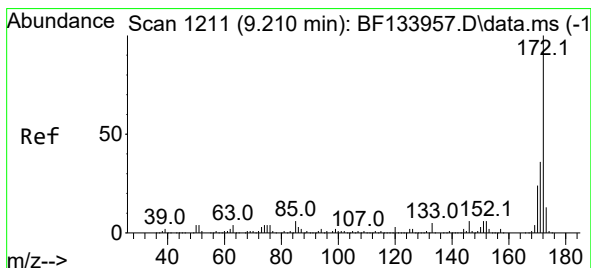
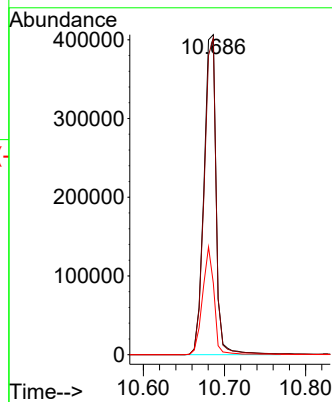
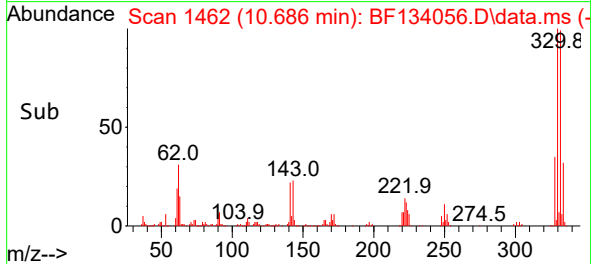


#42
2,4,6-Tribromophenol
Concen: 132.882 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134056.D
Acq: 30 Jun 2023 17:03

Instrument :
BNA_F
ClientSampleId :
PB153876BL

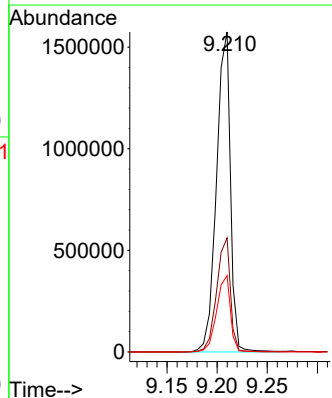
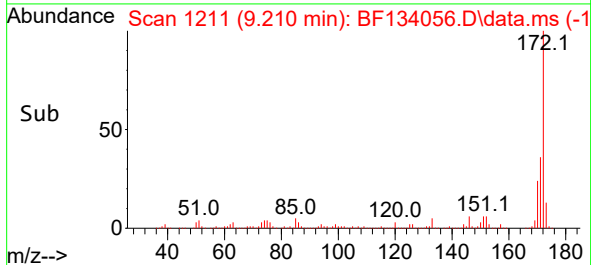
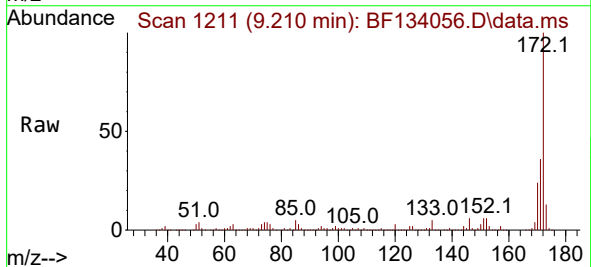


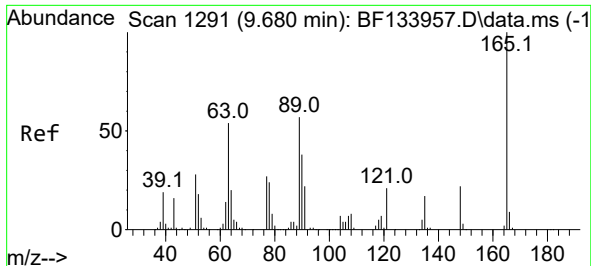
Tgt Ion: 330 Resp: 422572
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 32.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 87.412 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF134056.D
Acq: 30 Jun 2023 17:03

Tgt Ion: 172 Resp: 1524912
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.9 19.4 29.0

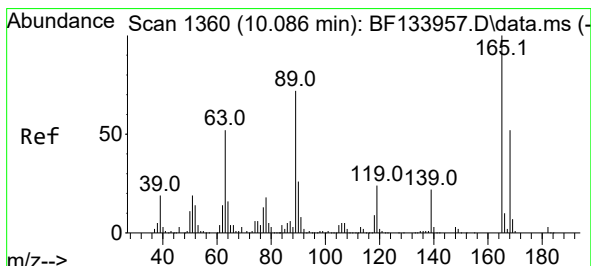
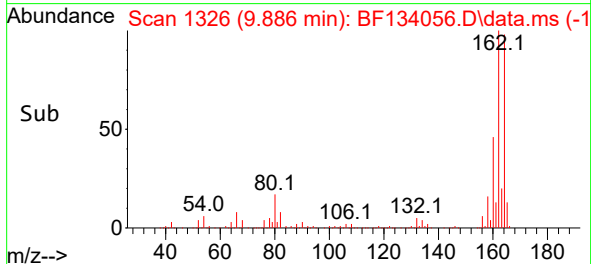
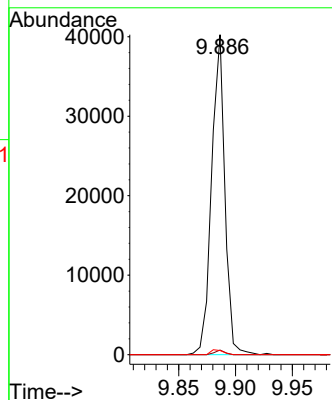
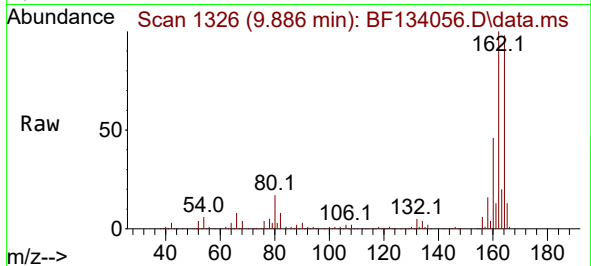




#51
2,6-Dinitrotoluene
Concen: 8.221 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134056.D
Acq: 30 Jun 2023 17:03

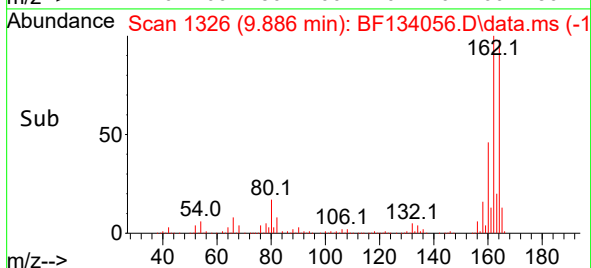
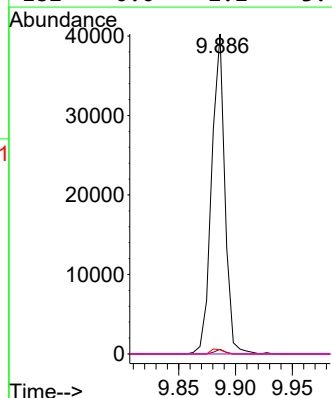
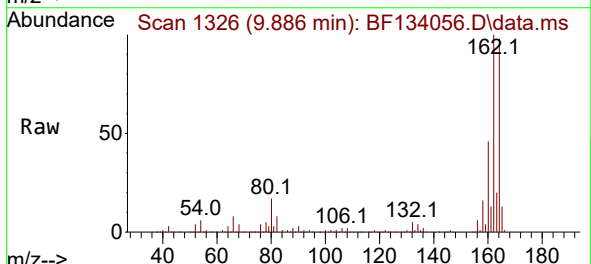
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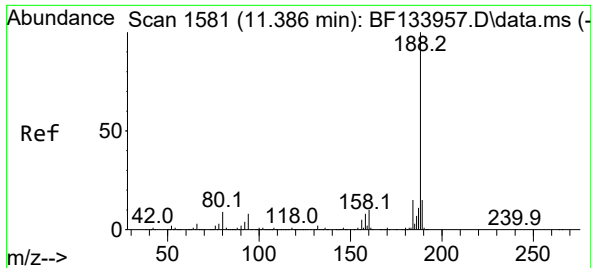
Tgt Ion:165 Resp: 32601
Ion Ratio Lower Upper
165 100
63 1.5 48.5 72.7#
89 1.3 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.225 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF134056.D
Acq: 30 Jun 2023 17:03

Tgt Ion:165 Resp: 32601
Ion Ratio Lower Upper
165 100
63 1.5 42.2 63.2#
89 1.3 57.4 86.2#
182 0.0 2.2 3.4#

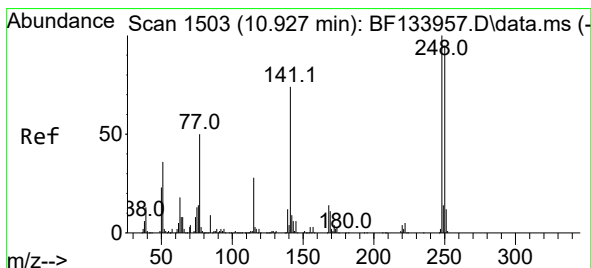
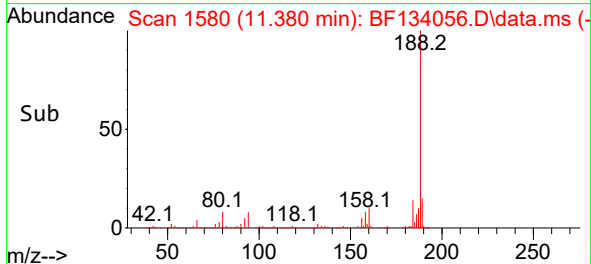
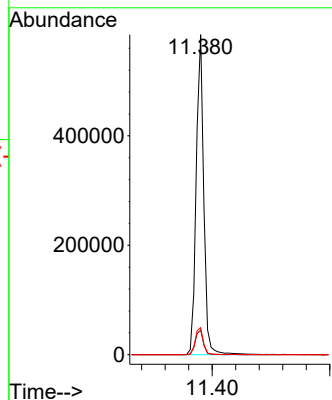
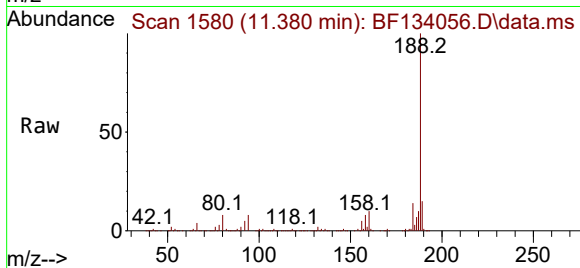




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134056.D
Acq: 30 Jun 2023 17:03

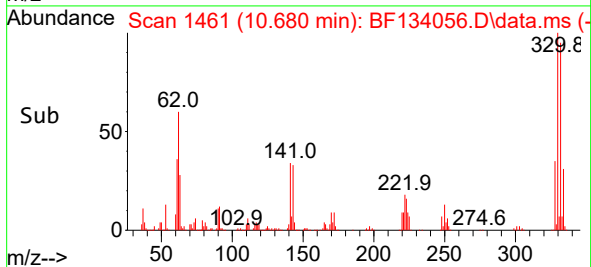
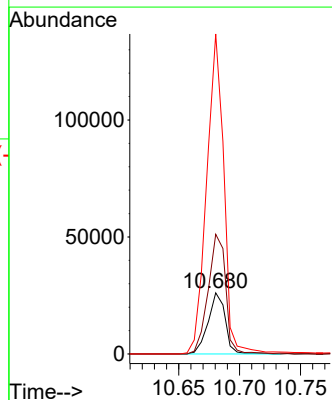
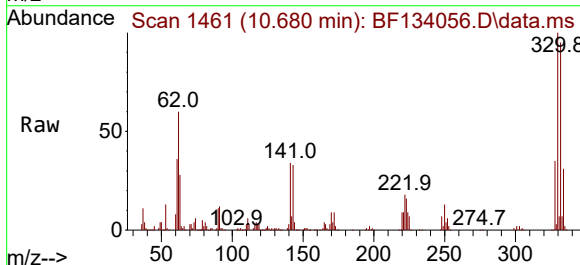
Instrument :
BNA_F
ClientSampleId :
PB153876BL

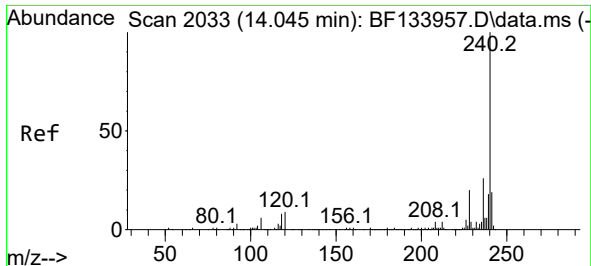
Tgt Ion:188 Resp: 523976
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.4 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 4.599 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF134056.D
Acq: 30 Jun 2023 17:03

Tgt Ion:248 Resp: 25614
Ion Ratio Lower Upper
248 100
250 196.0 76.2 114.4#
141 523.9 59.0 88.4#

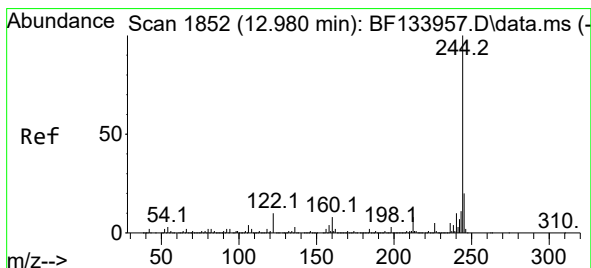
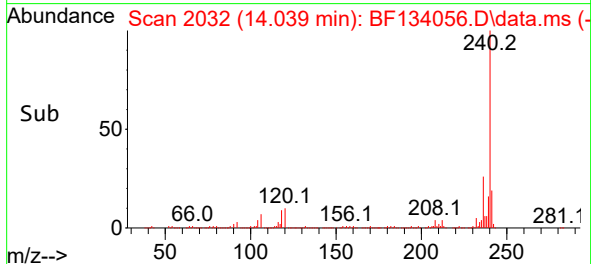
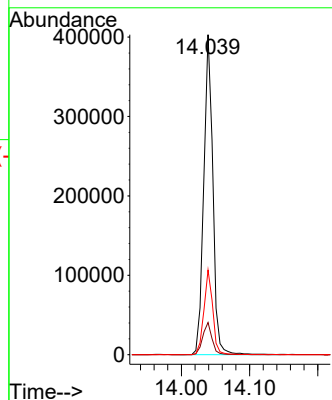
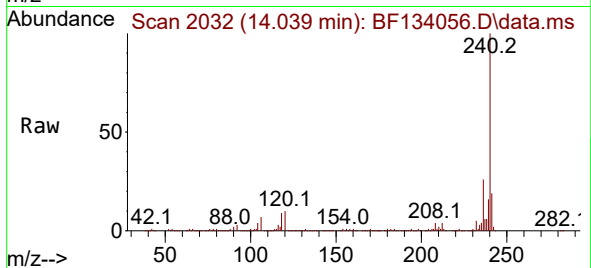




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134056.D
Acq: 30 Jun 2023 17:03

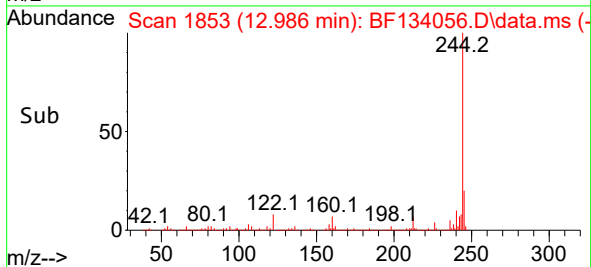
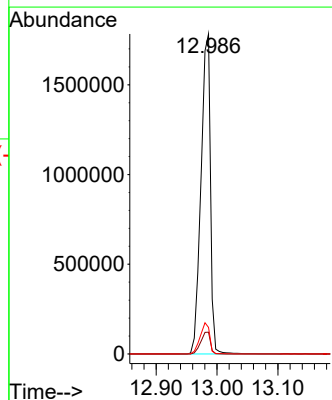
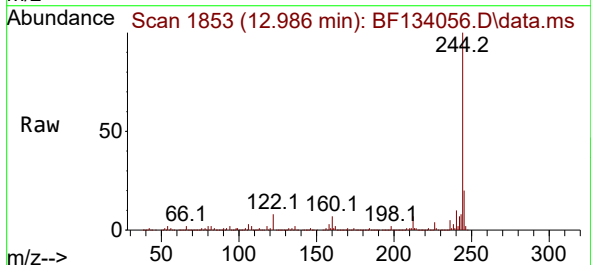
Instrument :
BNA_F
ClientSampleId :
PB153876BL

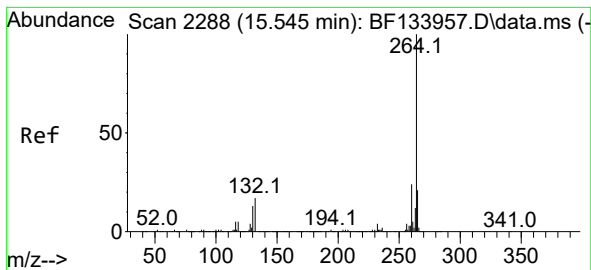
Tgt Ion:240 Resp: 374707
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.0
236 26.4 21.0 31.6



#79
Terphenyl-d14
Concen: 82.745 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF134056.D
Acq: 30 Jun 2023 17:03

Tgt Ion:244 Resp: 1926490
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 8.3 8.3 12.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134056.D

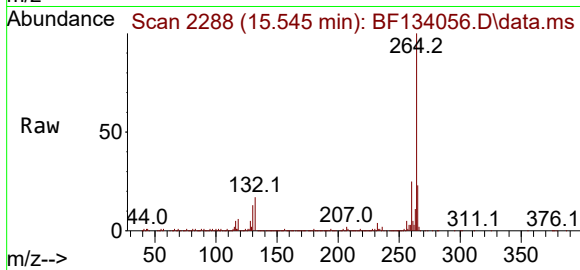
Acq: 30 Jun 2023 17:03

Instrument :

BNA_F

ClientSampleId :

PB153876BL



Tgt Ion:264 Resp: 297712

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.6 16.6 25.0

