

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
 Data File : BF130381.D
 Acq On : 22 Sep 2022 18:08
 Operator : CG\JU
 Sample : N4609-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN003

Quant Time: Sep 22 18:26:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

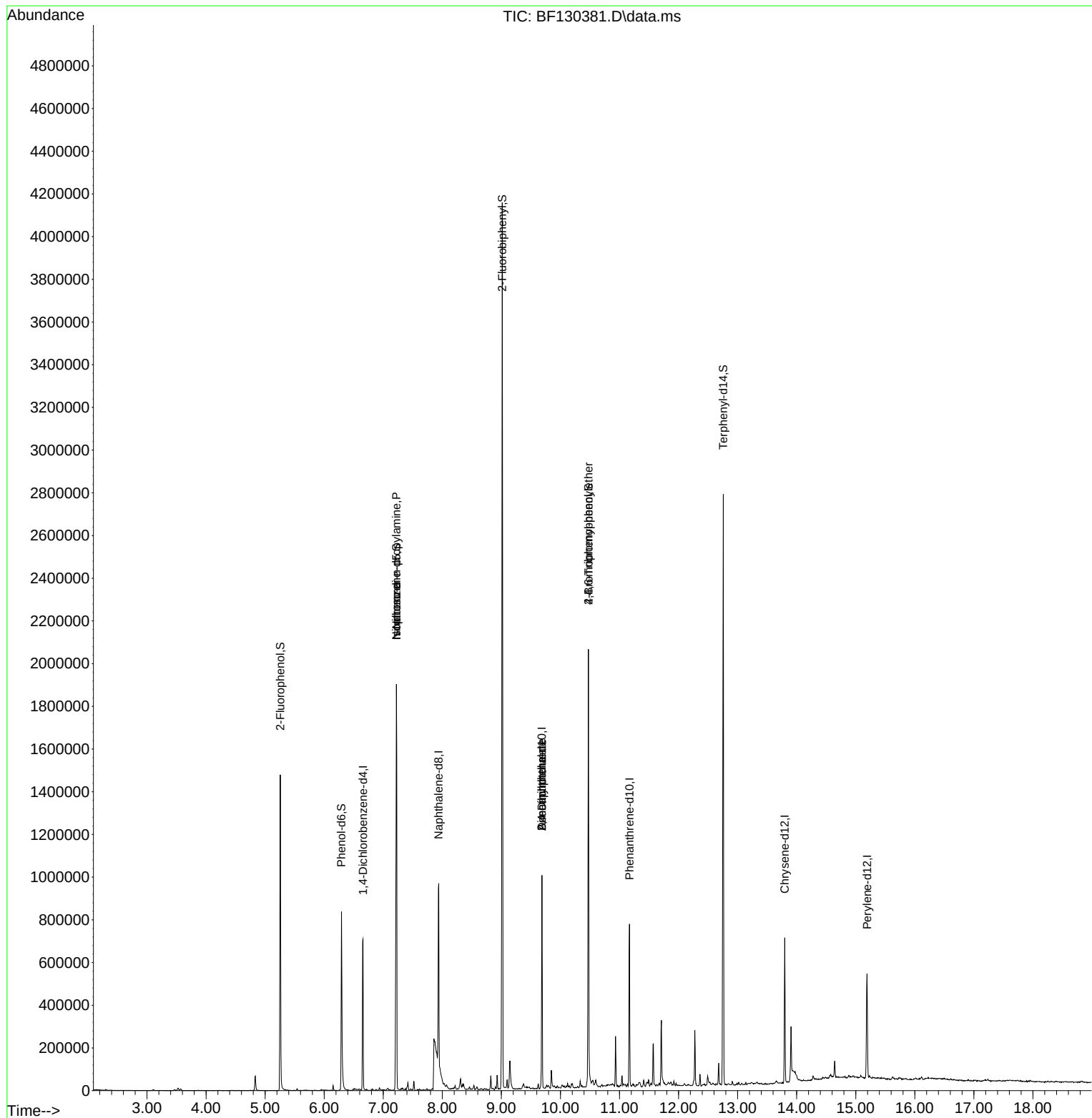
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	105654	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	384217	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	179496	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	255971	20.000	ng	0.00
76) Chrysene-d12	13.798	240	211481	20.000	ng	0.00
86) Perylene-d12	15.192	264	199327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	375905	61.710	ng	0.00
7) Phenol-d6	6.292	99	276648	36.297	ng	0.00
23) Nitrobenzene-d5	7.222	82	668174	88.846	ng	-0.01
42) 2,4,6-Tribromophenol	10.475	330	239926	139.499	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1163793	94.415	ng	0.00
79) Terphenyl-d14	12.757	244	862004	67.519	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.222	70	92204	17.928	ng	# 74
25) Isophorone	7.222	82	664435	54.815	ng	# 66
50) Dimethylphthalate	9.686	163	33809	2.727	ng	# 1
57) 2,4-Dinitrotoluene	9.686	165	23182	6.995	ng	# 17
67) 4-Bromophenyl-phenylether	10.475	248	14731	5.217	ng	# 1

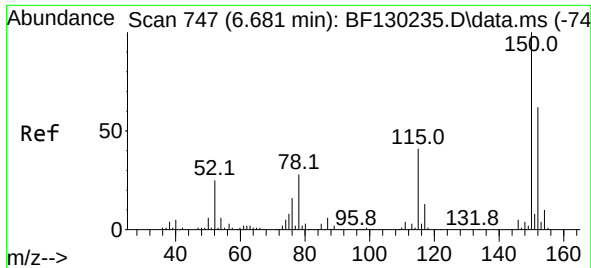
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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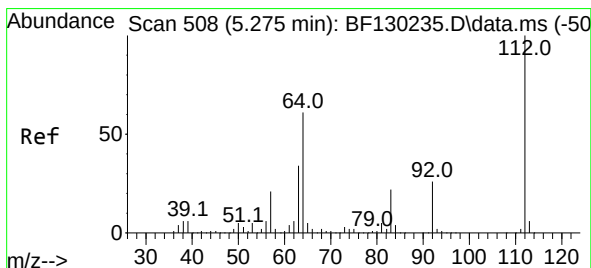
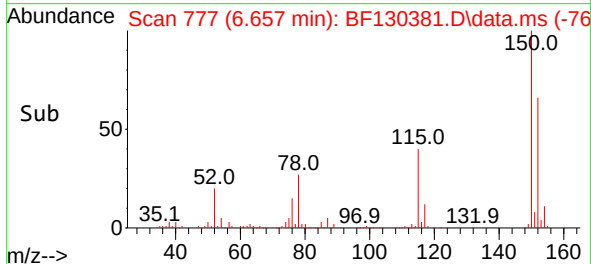
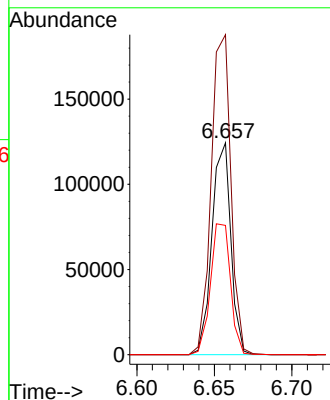
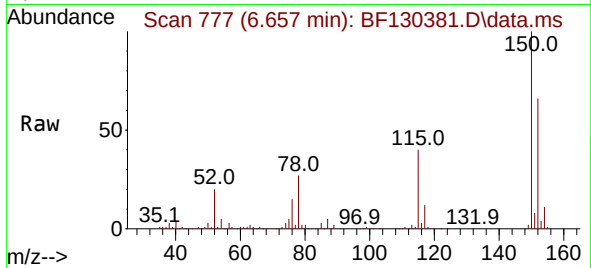




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130381.D
Acq: 22 Sep 2022 18:08

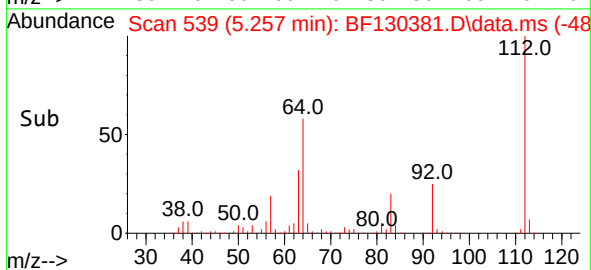
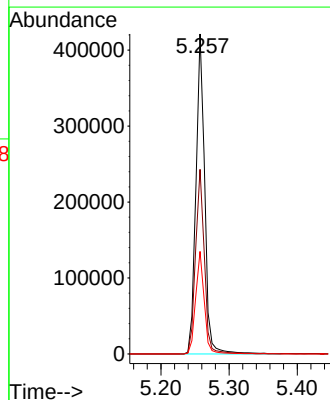
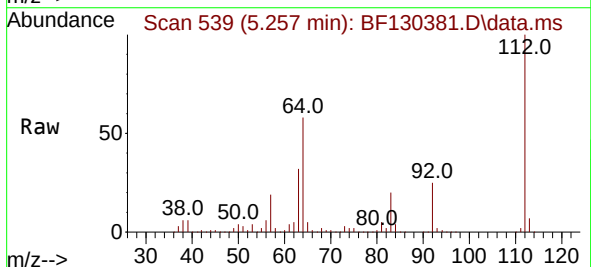
Instrument :
BNA_F
ClientSampleId :
DSN003

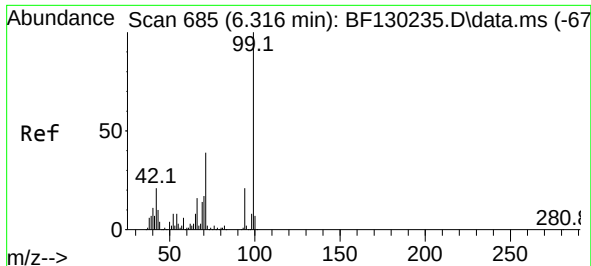
Tgt Ion:152 Resp: 105654
Ion Ratio Lower Upper
152 100
150 151.1 122.8 184.2
115 61.0 53.8 80.8



#5
2-Fluorophenol
Concen: 61.710 ng
RT: 5.257 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF130381.D
Acq: 22 Sep 2022 18:08

Tgt Ion:112 Resp: 375905
Ion Ratio Lower Upper
112 100
64 57.7 51.4 77.0
63 32.0 28.8 43.2

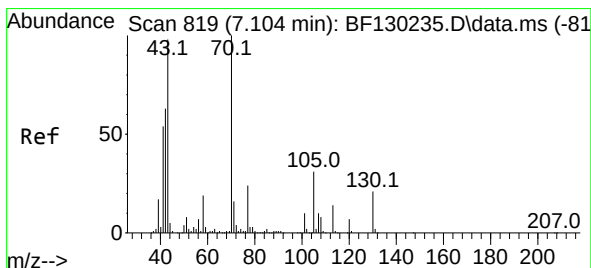
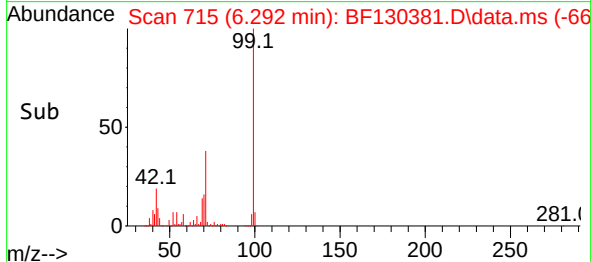
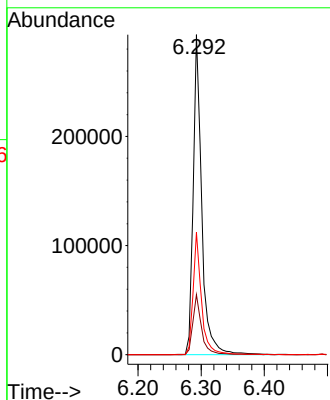
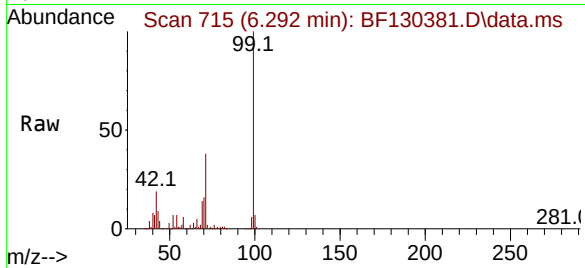




#7
Phenol-d6
Concen: 36.297 ng
RT: 6.292 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130381.D
Acq: 22 Sep 2022 18:08

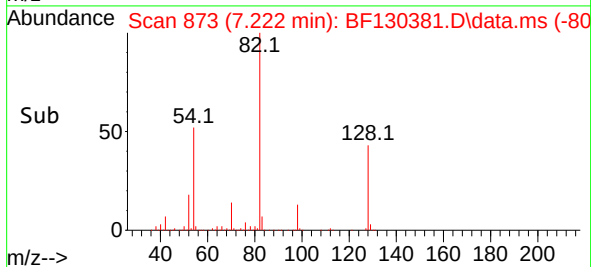
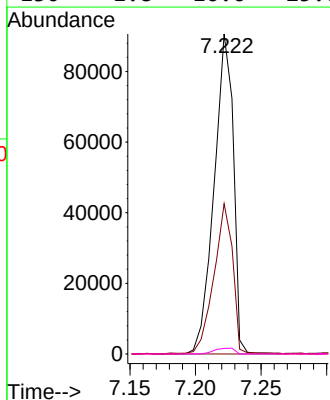
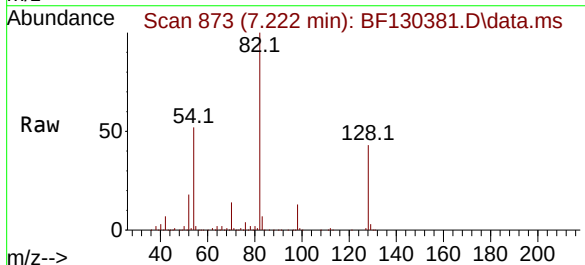
Instrument :
BNA_F
ClientSampleId :
DSN003

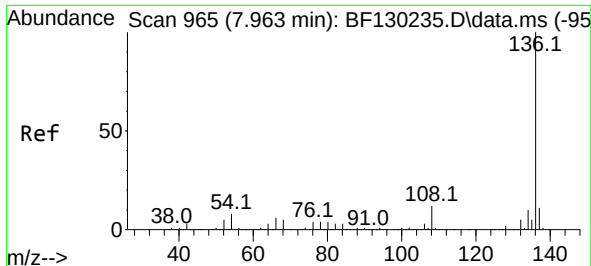
Tgt Ion: 99 Resp: 276648
Ion Ratio Lower Upper
99 100
42 18.7 17.0 25.6
71 38.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.928 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.129 min
Lab File: BF130381.D
Acq: 22 Sep 2022 18:08

Tgt Ion: 70 Resp: 92204
Ion Ratio Lower Upper
70 100
42 47.0 50.8 76.2#
101 0.0 8.2 12.4#
130 1.8 16.6 25.0#

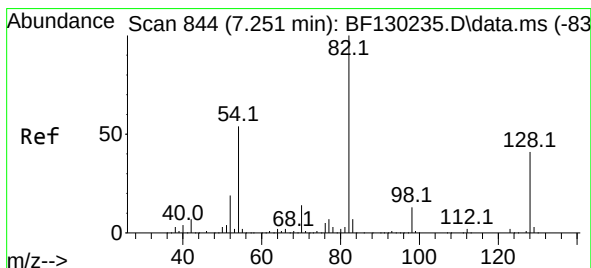
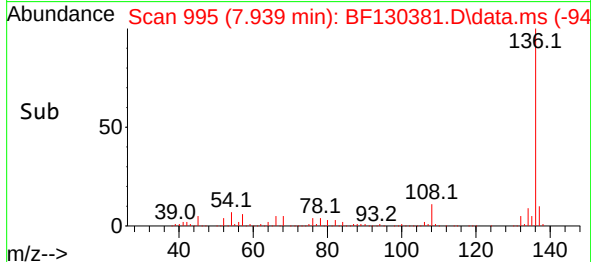
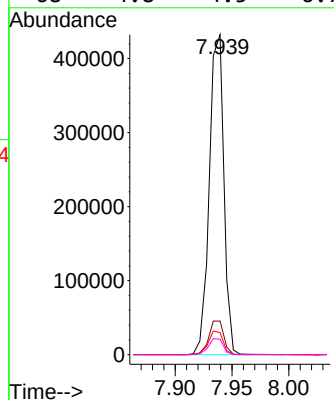
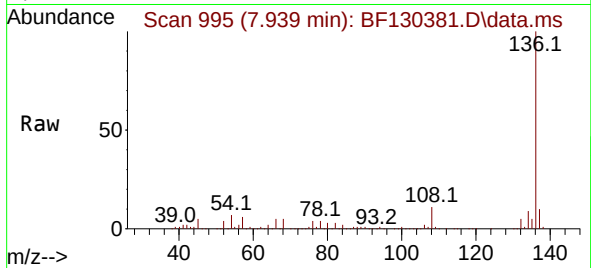




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130381.D
Acq: 22 Sep 2022 18:08

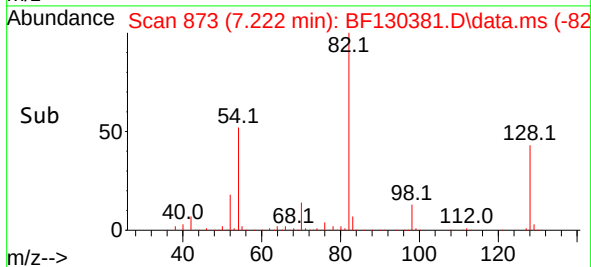
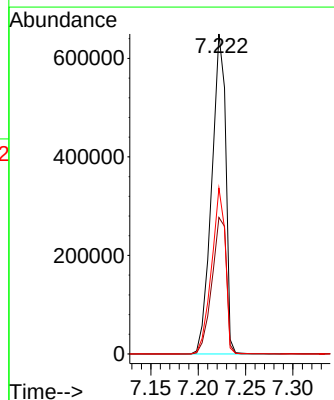
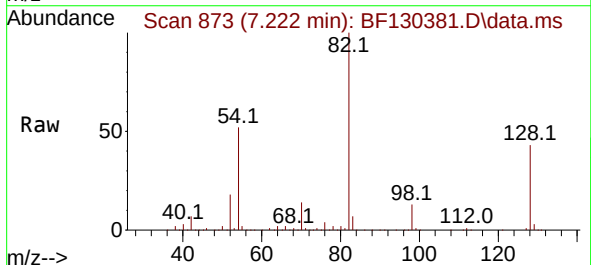
Instrument :
BNA_F
ClientSampleId :
DSN003

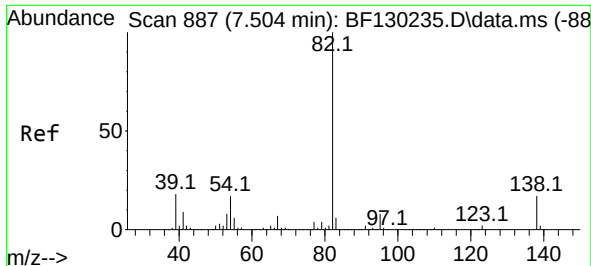
Tgt Ion:136	Resp: 384217
Ion Ratio	Lower Upper
136	100
137	10.5 9.1 13.7
54	6.9 7.1 10.7#
68	4.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 88.846 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130381.D
Acq: 22 Sep 2022 18:08

Tgt Ion: 82	Resp: 668174
Ion Ratio	Lower Upper
82	100
128	42.6 32.6 49.0
54	51.8 43.8 65.6

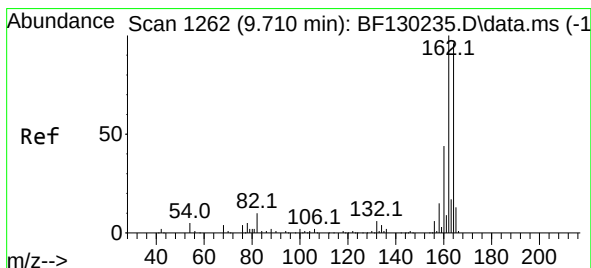
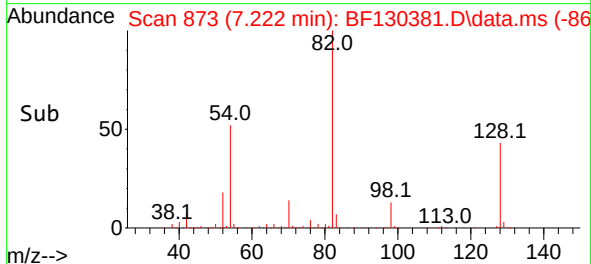
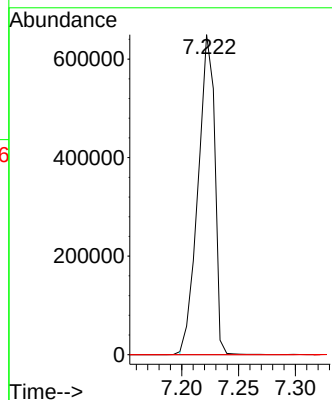
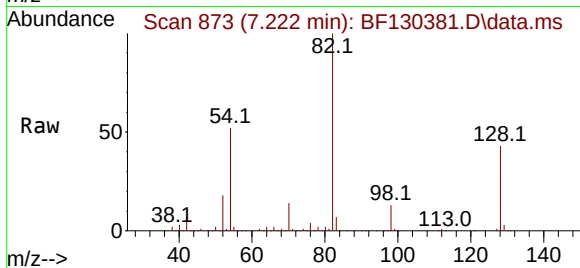




#25
Isophorone
Concen: 54.815 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130381.D
Acq: 22 Sep 2022 18:08

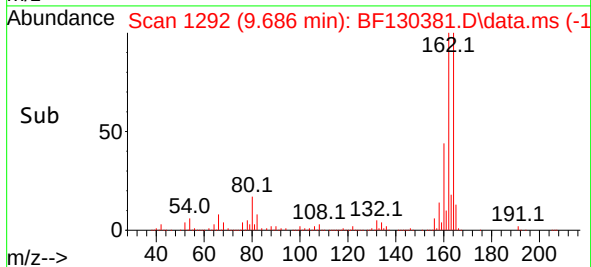
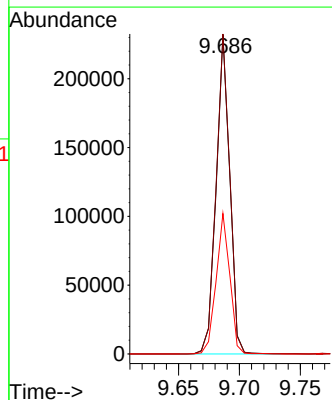
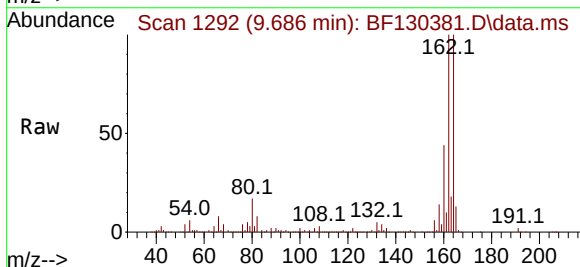
Instrument :
BNA_F
ClientSampleId :
DSN003

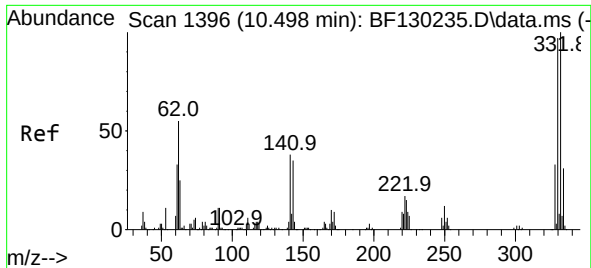
Tgt Ion: 82 Resp: 664435
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130381.D
Acq: 22 Sep 2022 18:08

Tgt Ion:164 Resp: 179496
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 44.0 36.2 54.4

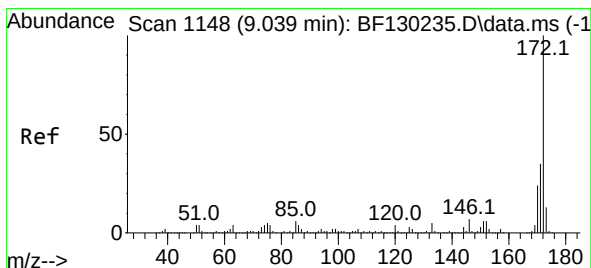
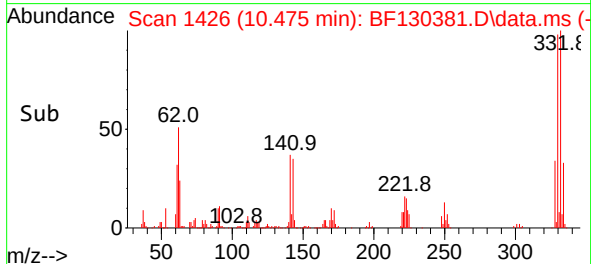
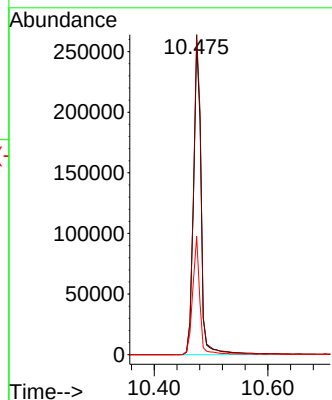
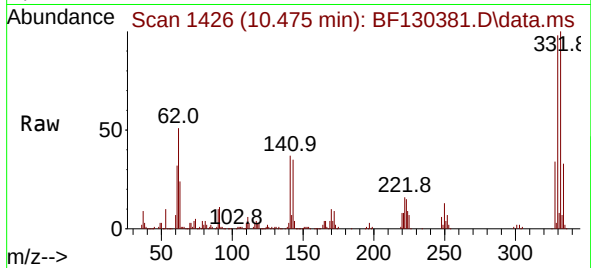




#42
2,4,6-Tribromophenol
Concen: 139.499 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF130381.D
Acq: 22 Sep 2022 18:08

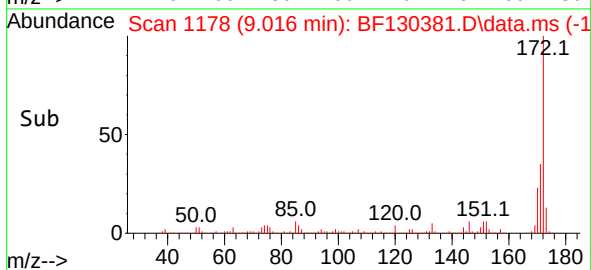
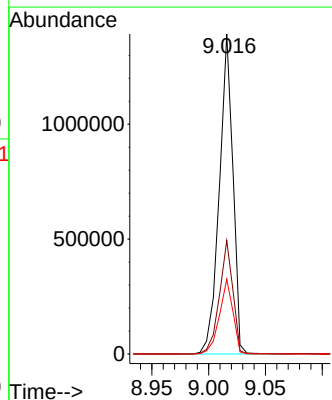
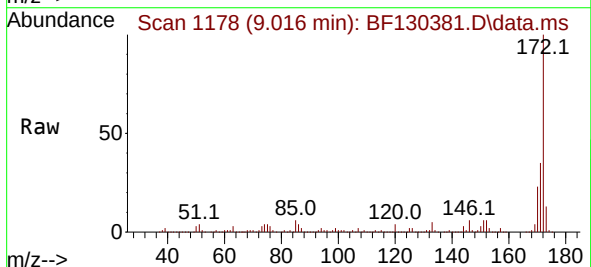
Instrument :
BNA_F
ClientSampleId :
DSN003

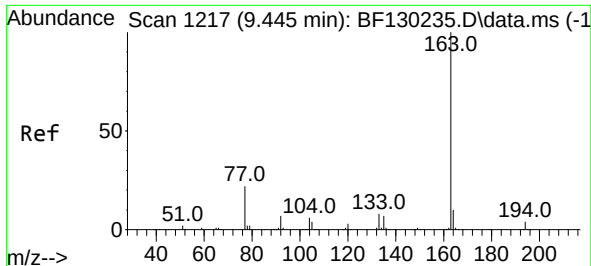
Tgt Ion:330 Resp: 239926
Ion Ratio Lower Upper
330 100
332 102.6 83.4 125.2
141 35.6 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 94.415 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF130381.D
Acq: 22 Sep 2022 18:08

Tgt Ion:172 Resp: 1163793
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.3 18.7 28.1

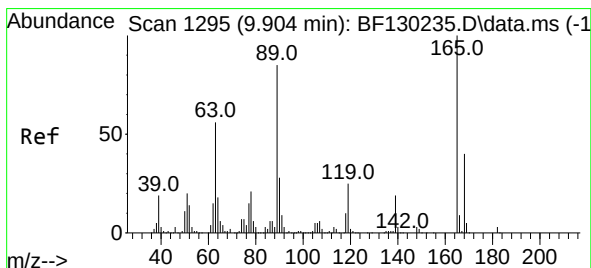
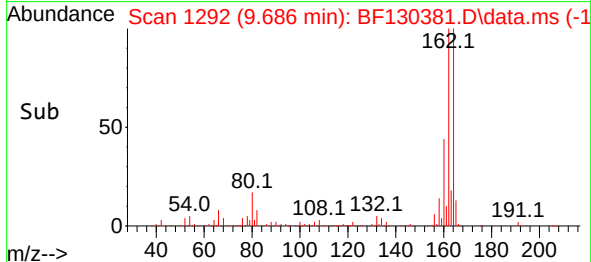
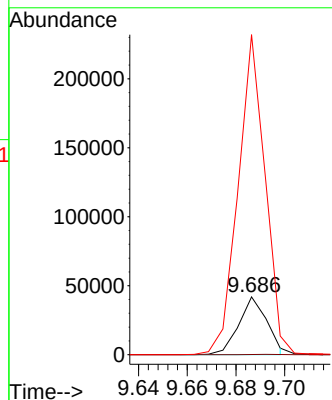
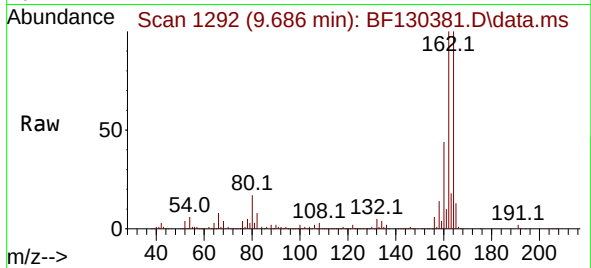




#50
Dimethylphthalate
Concen: 2.727 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.259 min
Lab File: BF130381.D
Acq: 22 Sep 2022 18:08

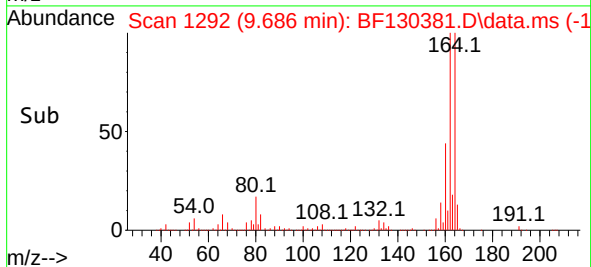
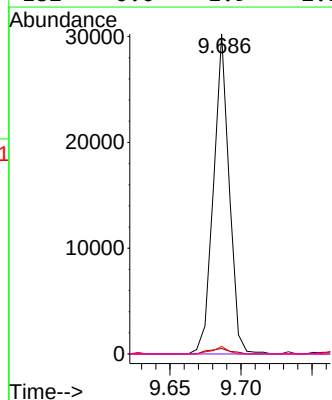
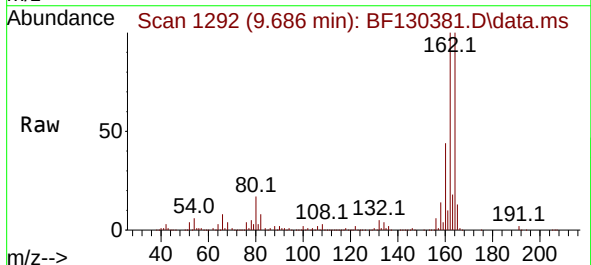
Instrument :
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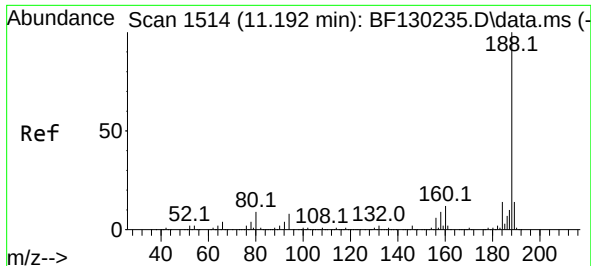
Tgt Ion:163 Resp: 33809
Ion Ratio Lower Upper
163 100
194 0.4 2.8 4.2#
164 553.9 8.2 12.2#



#57
2,4-Dinitrotoluene
Concen: 6.995 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF130381.D
Acq: 22 Sep 2022 18:08

Tgt Ion:165 Resp: 23182
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 2.4 69.0 103.4#
182 0.0 1.9 2.9#

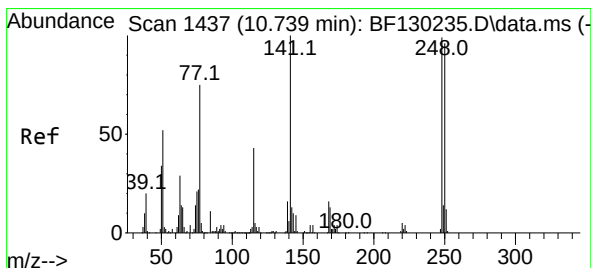
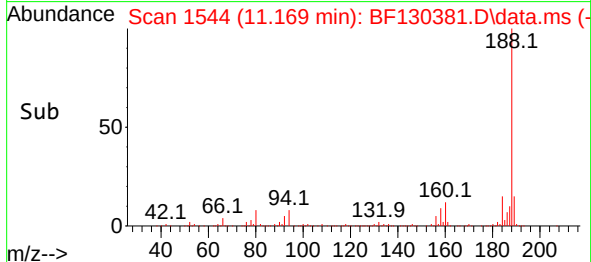
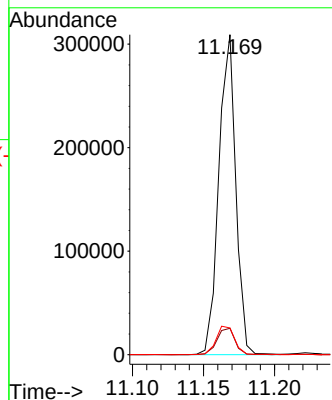
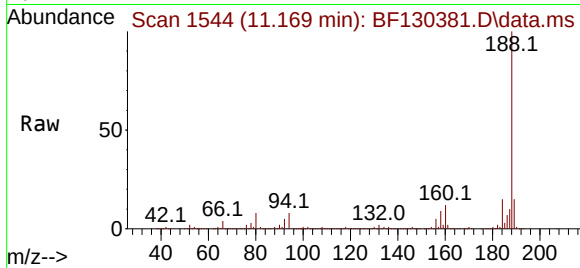




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130381.D
Acq: 22 Sep 2022 18:08

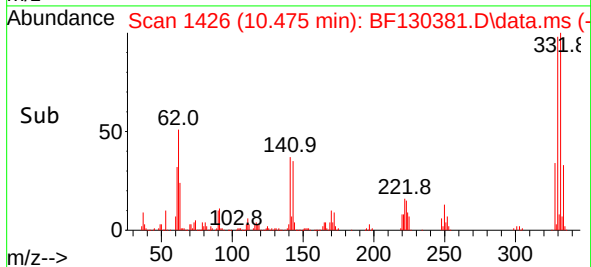
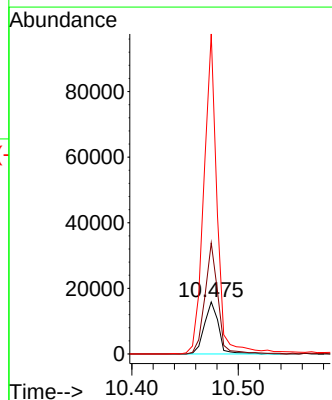
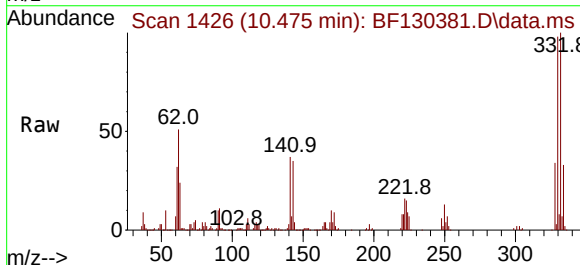
Instrument :
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ClientSampleId :
DSN003

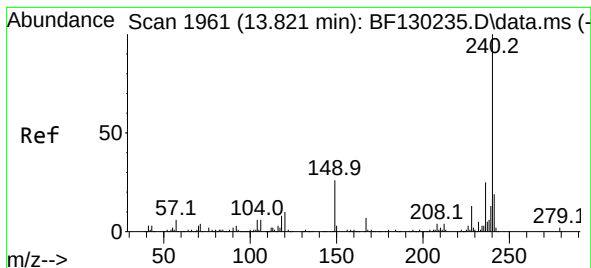
Tgt Ion:188 Resp: 255971
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.217 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF130381.D
Acq: 22 Sep 2022 18:08

Tgt Ion:248 Resp: 14731
Ion Ratio Lower Upper
248 100
250 213.5 80.0 120.0#
141 615.4 68.5 102.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.798 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF130381.D

Acq: 22 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

DSN003

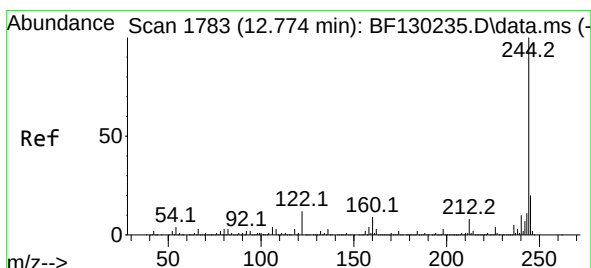
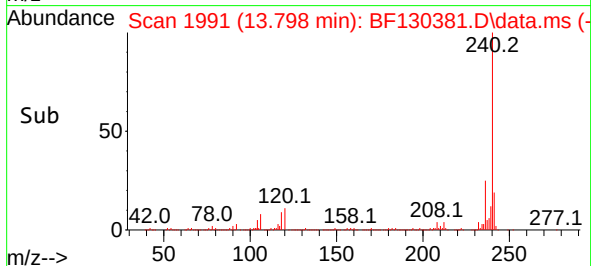
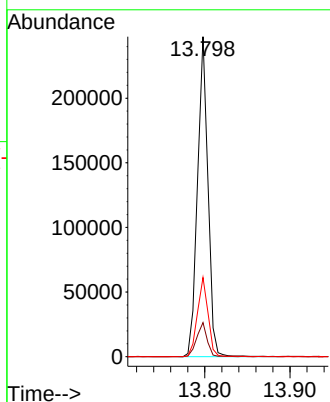
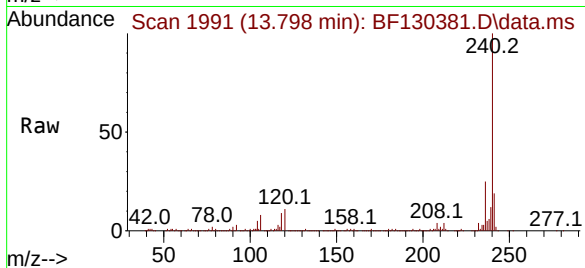
Tgt Ion:240 Resp: 211481

Ion Ratio Lower Upper

240 100

120 10.6 8.7 13.1

236 24.7 20.9 31.3



#79

Terphenyl-d14

Concen: 67.519 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF130381.D

Acq: 22 Sep 2022 18:08

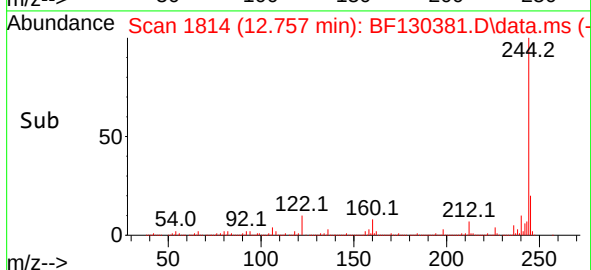
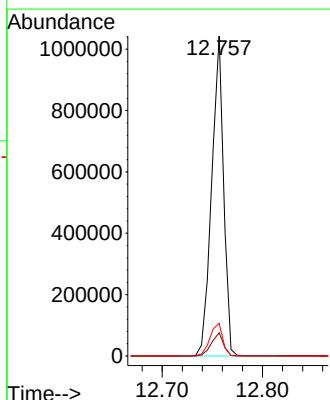
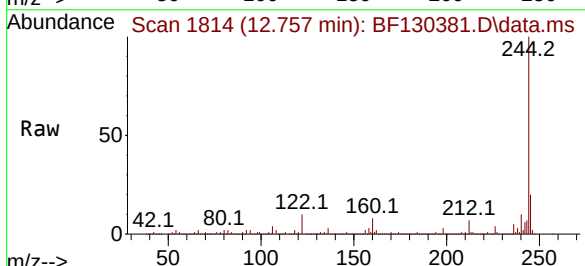
Tgt Ion:244 Resp: 862004

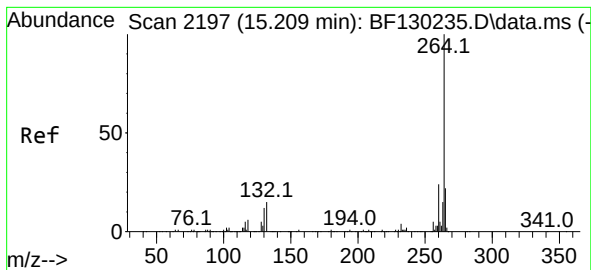
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

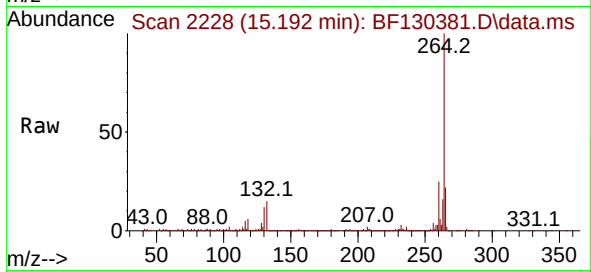
122 10.2 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130381.D
 Acq: 22 Sep 2022 18:08

Instrument :
 BNA_F
 ClientSampleId :
 DSN003



Tgt Ion:264 Resp: 199327
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.3 28.9
 265 21.6 17.0 25.4

