

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129961.D
 Acq On : 23 Aug 2022 19:40
 Operator : CG\JU
 Sample : N4142-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-SOUTH

Quant Time: Aug 24 01:59:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

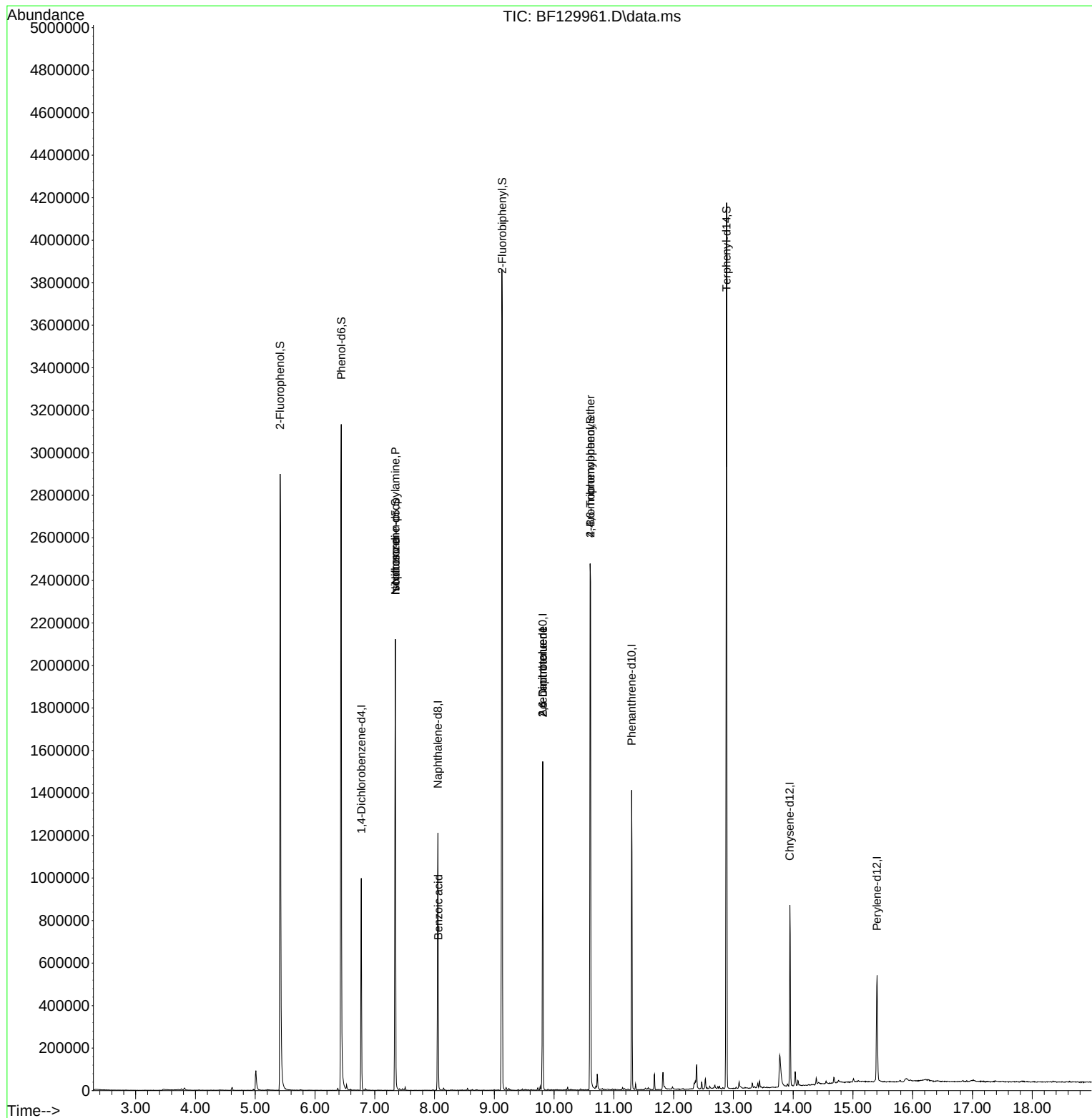
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	135497	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	554827	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	289757	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	477144	20.000	ng	0.00
76) Chrysene-d12	13.945	240	273844	20.000	ng	0.00
86) Perylene-d12	15.404	264	223972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	844111	103.146	ng	0.00
7) Phenol-d6	6.440	99	1070556	104.462	ng	0.00
23) Nitrobenzene-d5	7.345	82	696174	67.170	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	294612	101.306	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1284736	67.341	ng	0.00
79) Terphenyl-d14	12.886	244	1269233	77.121	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.440	77	1990	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	92725	14.314	ng	# 77
25) Isophorone	7.345	82	696165	39.025	ng	# 65
32) Benzoic acid	8.063	122	106	2.191	ng	# 9
51) 2,6-Dinitrotoluene	9.810	165	38688	8.586	ng	# 23
57) 2,4-Dinitrotoluene	9.810	165	38688	6.614	ng	# 18
67) 4-Bromophenyl-phenylether	10.610	248	18844	3.372	ng	# 1
77) Benzidine	12.886	184	18462	Below Cal	#	92

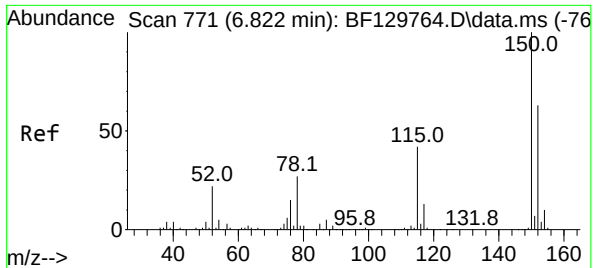
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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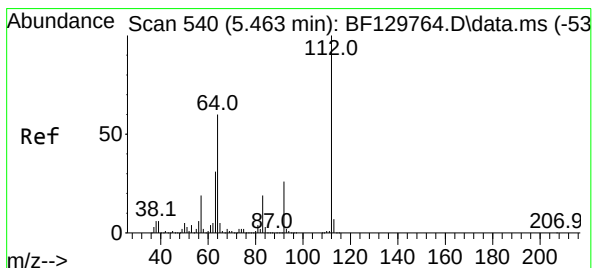
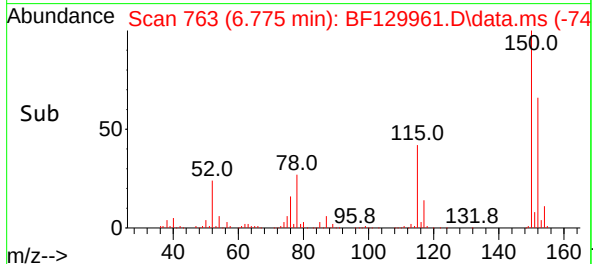
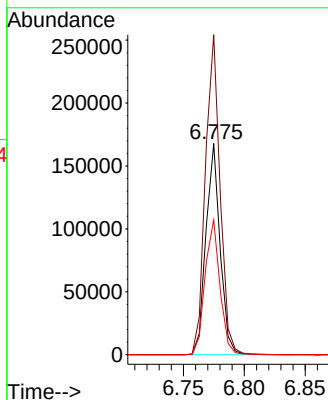
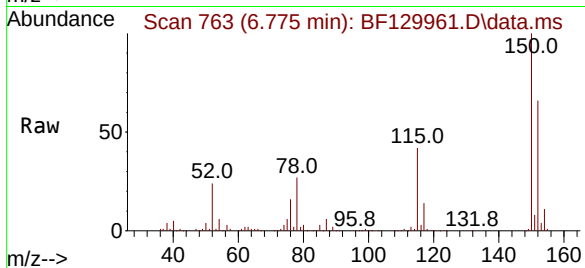




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

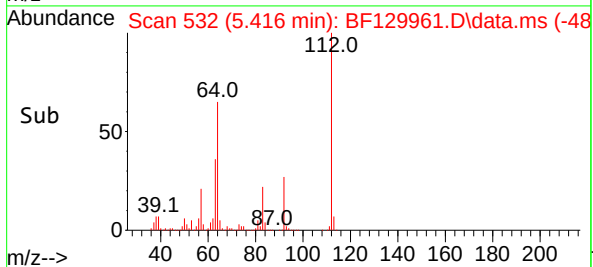
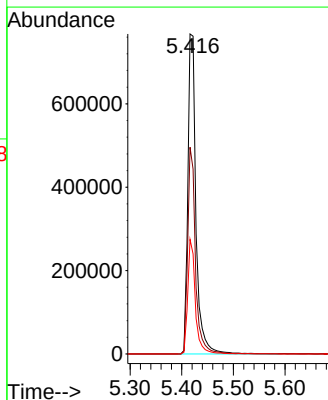
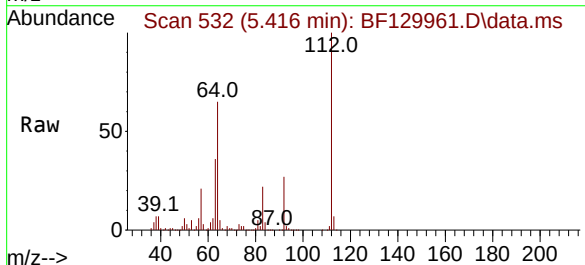
Instrument :
BNA_F
ClientSampleId :
UST-SOUTH

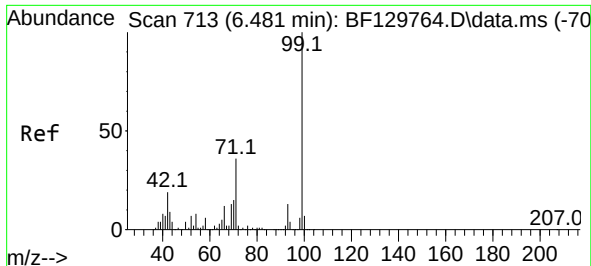
Tgt Ion:152 Resp: 135497
Ion Ratio Lower Upper
152 100
150 151.6 126.9 190.3
115 63.8 53.4 80.0



#5
2-Fluorophenol
Concen: 103.146 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.006 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

Tgt Ion:112 Resp: 844111
Ion Ratio Lower Upper
112 100
64 64.6 47.6 71.4
63 35.8 24.6 37.0

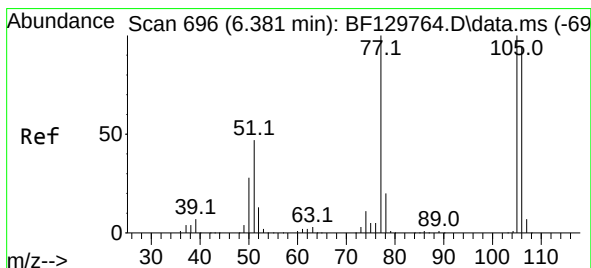
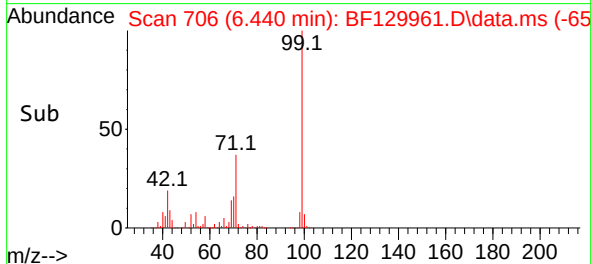
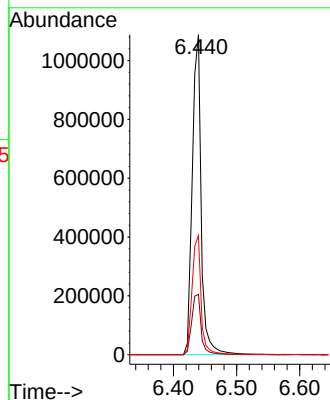
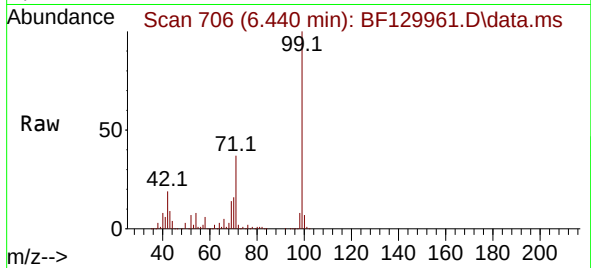




#7
Phenol-d6
Concen: 104.462 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

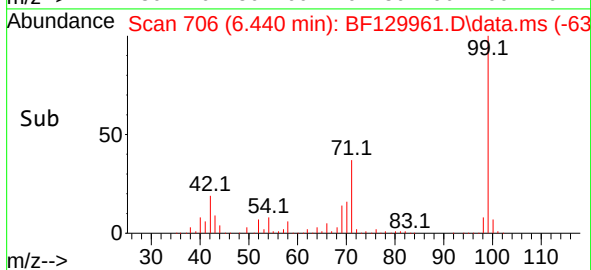
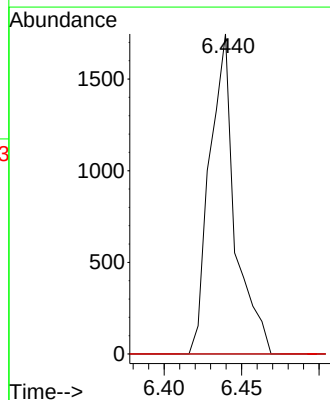
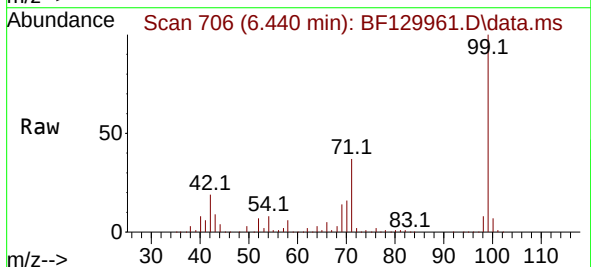
Instrument :
BNA_F
ClientSampleId :
UST-SOUTH

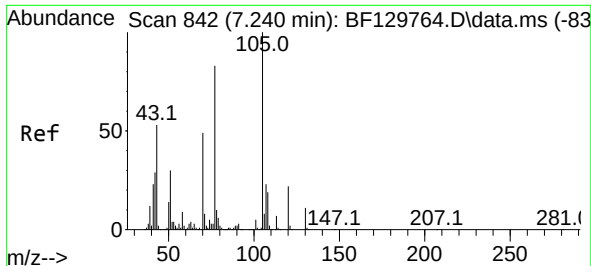
Tgt Ion: 99 Resp: 1070556
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 37.2 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.440 min Scan# 706
Delta R.T. 0.106 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

Tgt Ion: 77 Resp: 1990
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

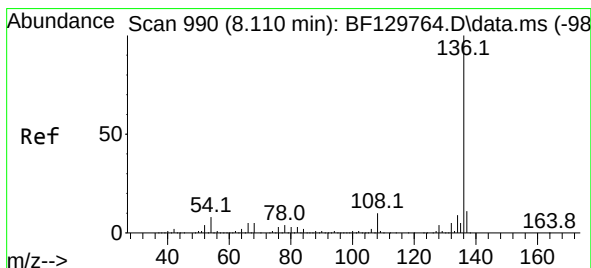
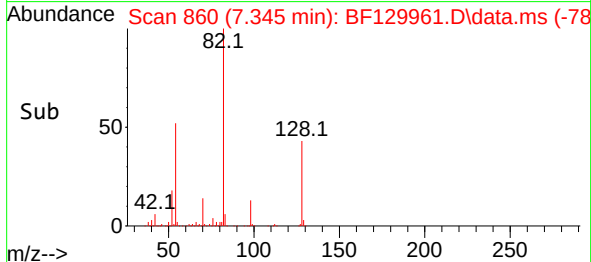
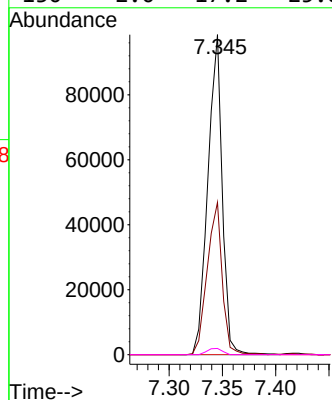
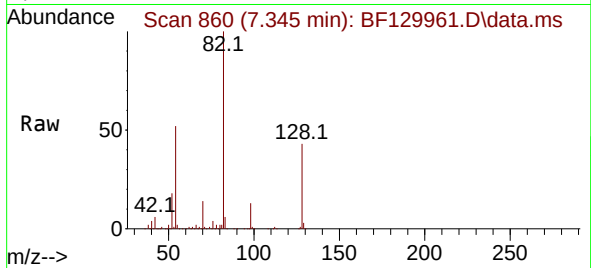




#19
n-Nitroso-di-n-propylamine
Concen: 14.314 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

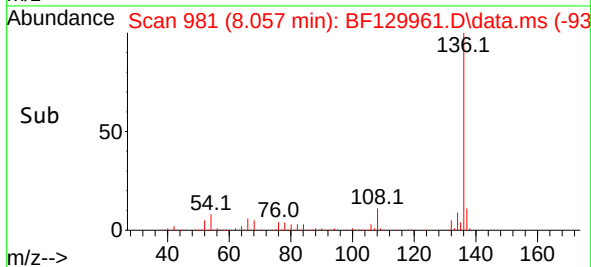
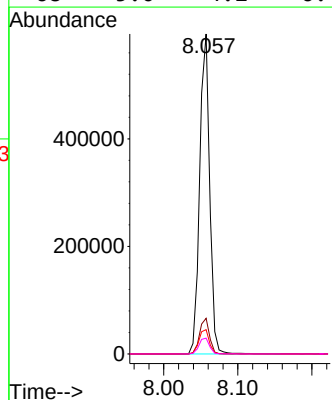
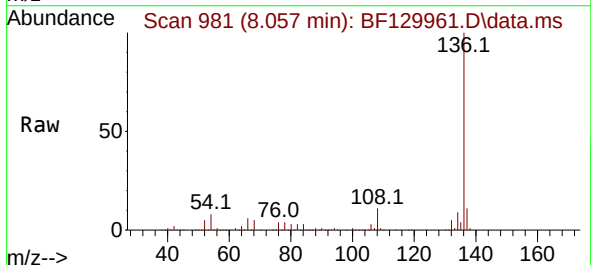
Instrument :
BNA_F
ClientSampleId :
UST-SOUTH

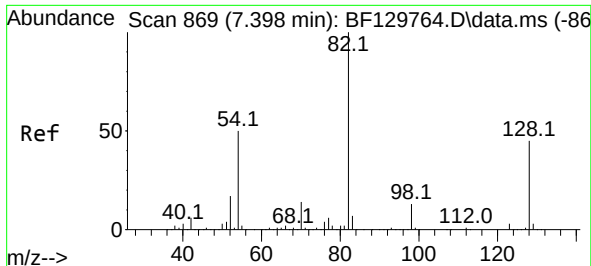
Tgt Ion:	70	Resp:	92725
Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.6	71.4#
101	0.0	8.1	12.1#
130	2.0	17.2	25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

Tgt Ion:	136	Resp:	554827
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.6	6.2	9.2
68	5.0	4.2	6.4





#23

Nitrobenzene-d5

Concen: 67.170 ng

RT: 7.345 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129961.D

Acq: 23 Aug 2022 19:40

Instrument :

BNA_F

ClientSampleId :

UST-SOUTH

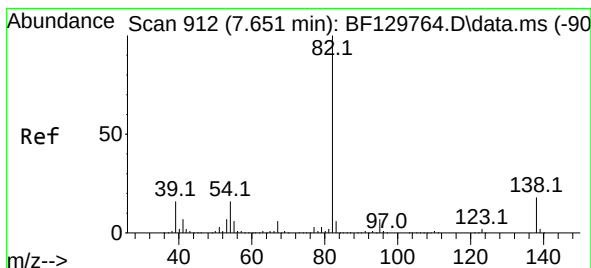
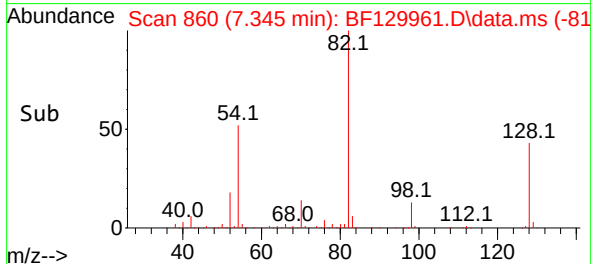
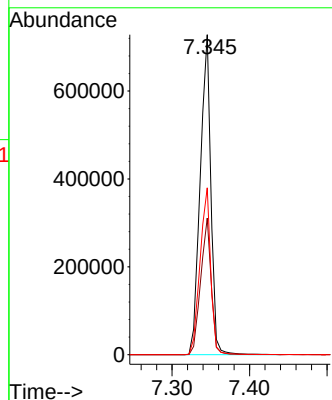
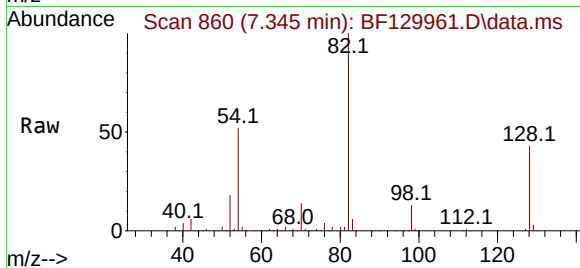
Tgt Ion: 82 Resp: 696174

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

54 52.1 40.0 60.0



#25

Isophorone

Concen: 39.025 ng

RT: 7.345 min Scan# 860

Delta R.T. -0.259 min

Lab File: BF129961.D

Acq: 23 Aug 2022 19:40

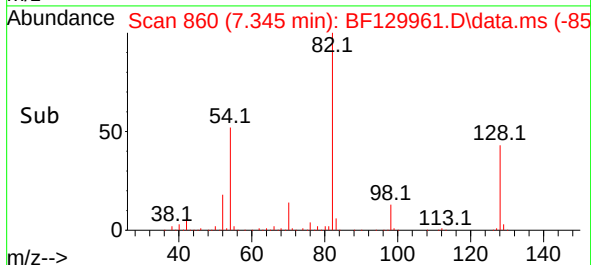
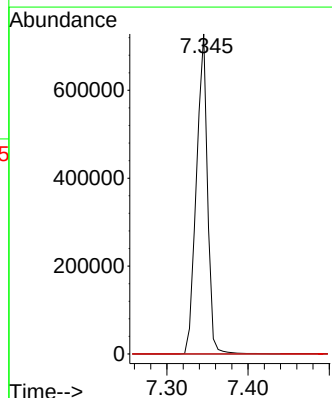
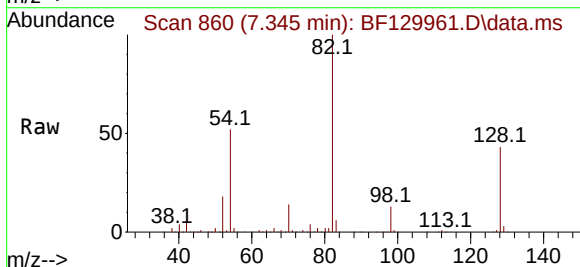
Tgt Ion: 82 Resp: 696165

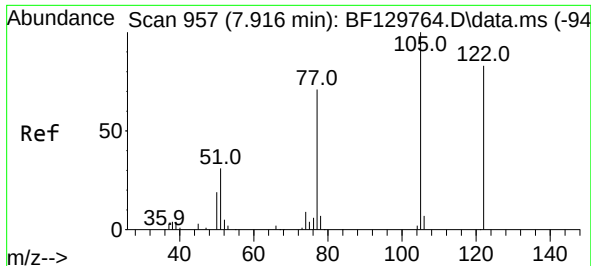
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

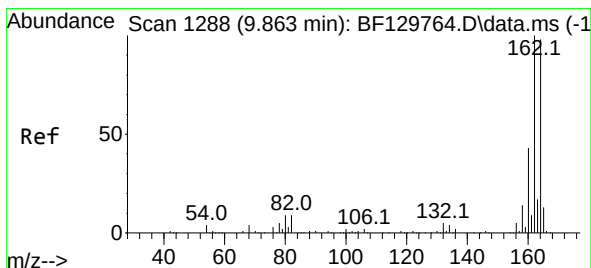
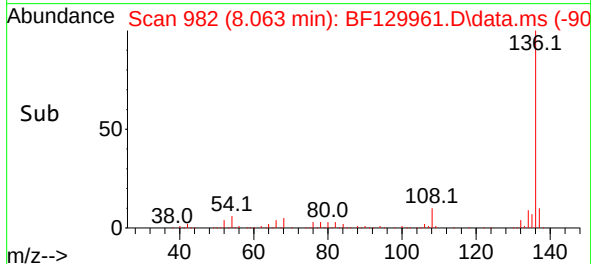
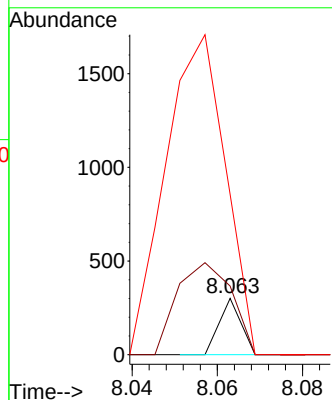
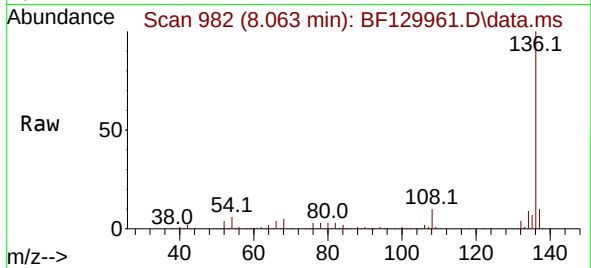




#32
Benzoic acid
Concen: 2.191 ng
RT: 8.063 min Scan# 91
Delta R.T. 0.182 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

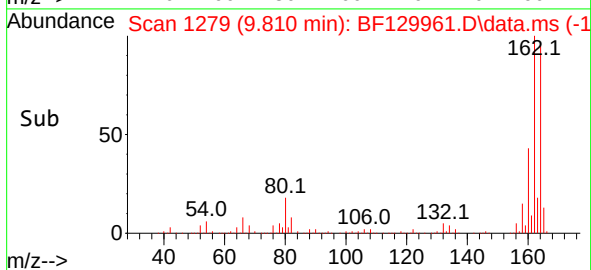
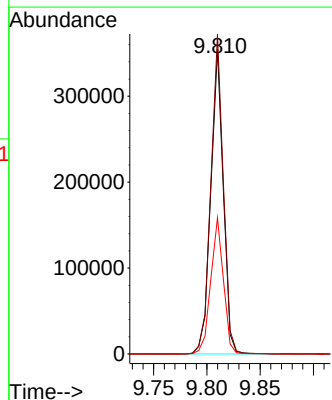
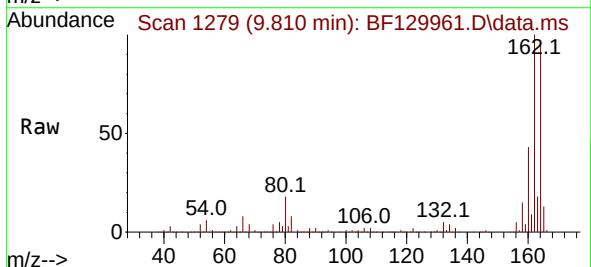
Instrument :
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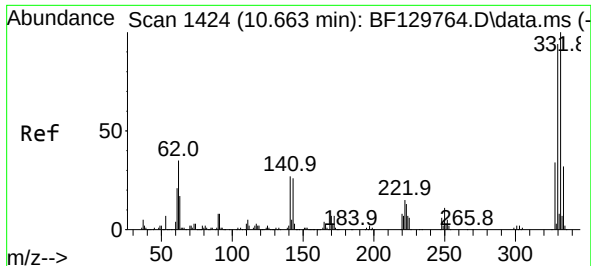
Tgt Ion:122 Resp: 106
Ion Ratio Lower Upper
122 100
105 121.9 99.9 139.9
77 284.4 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

Tgt Ion:164 Resp: 289757
Ion Ratio Lower Upper
164 100
162 104.9 82.0 123.0
160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 101.306 ng

RT: 10.610 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129961.D

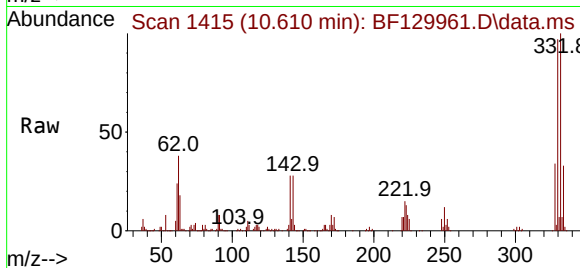
Acq: 23 Aug 2022 19:40

Instrument :

BNA_F

ClientSampleId :

UST-SOUTH



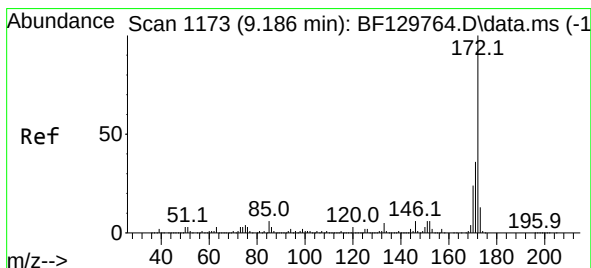
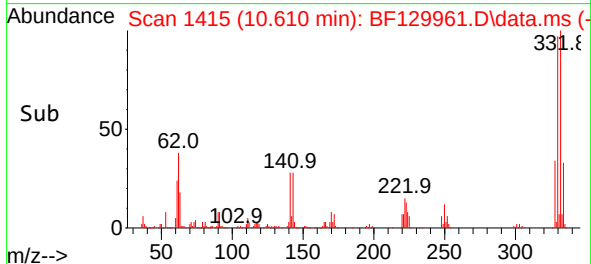
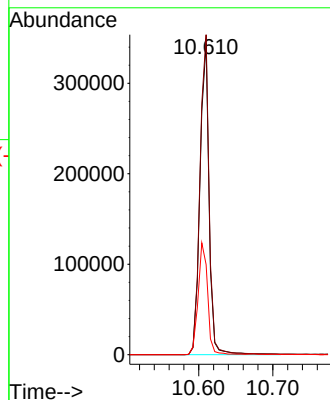
Tgt Ion:330 Resp: 294612

Ion Ratio Lower Upper

330 100

332 104.0 82.6 124.0

141 37.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 67.341 ng

RT: 9.133 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF129961.D

Acq: 23 Aug 2022 19:40

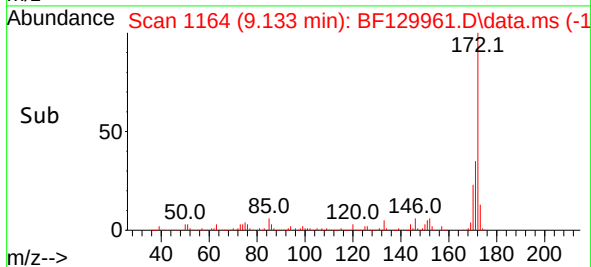
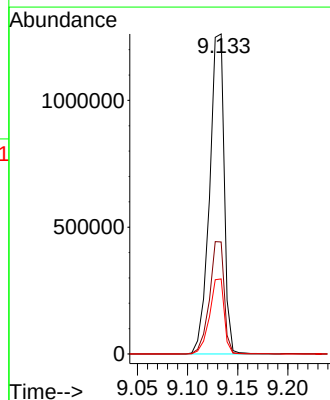
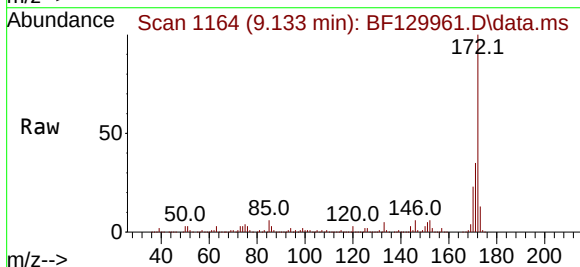
Tgt Ion:172 Resp: 1284736

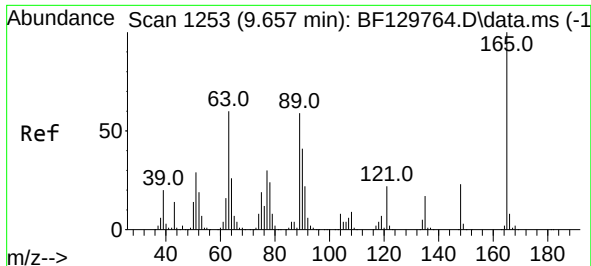
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.5 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.586 ng

RT: 9.810 min Scan# 1279

Delta R.T. 0.194 min

Lab File: BF129961.D

Acq: 23 Aug 2022 19:40

Instrument :

BNA_F

ClientSampleId :

UST-SOUTH

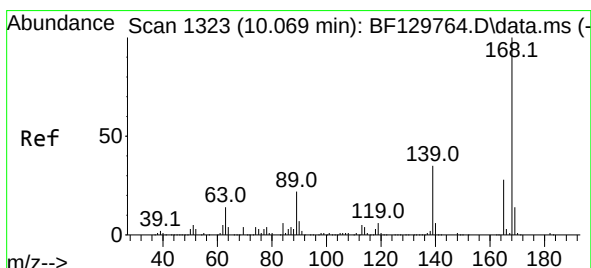
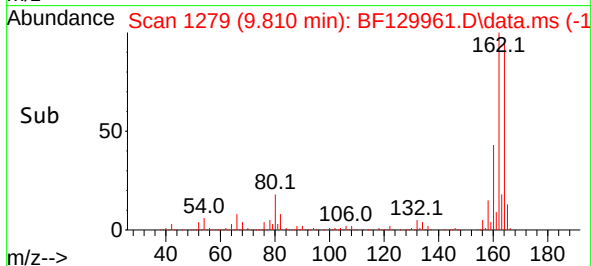
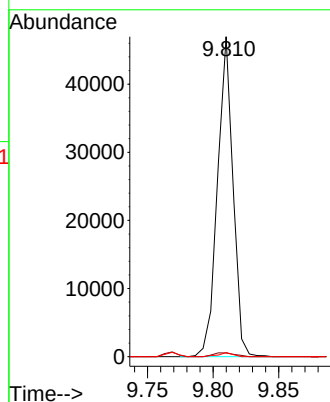
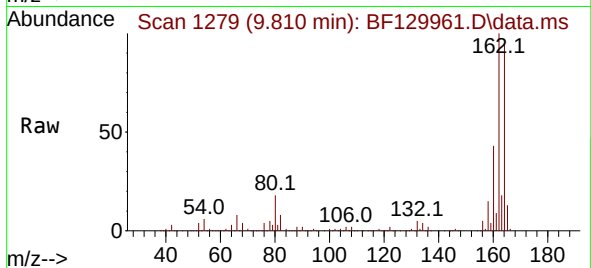
Tgt Ion:165 Resp: 38688

Ion Ratio Lower Upper

165 100

63 1.2 47.8 71.8#

89 1.3 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.614 ng

RT: 9.810 min Scan# 1279

Delta R.T. -0.212 min

Lab File: BF129961.D

Acq: 23 Aug 2022 19:40

Tgt Ion:165 Resp: 38688

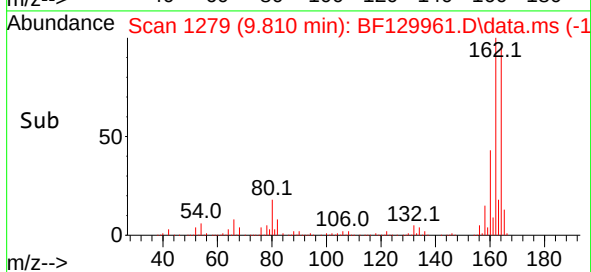
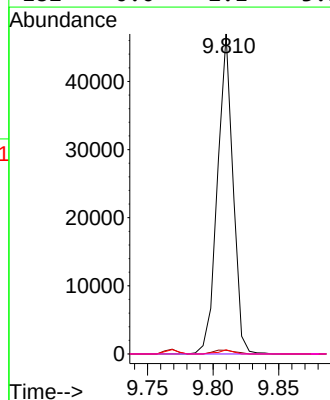
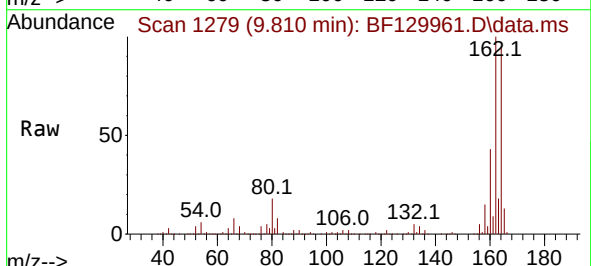
Ion Ratio Lower Upper

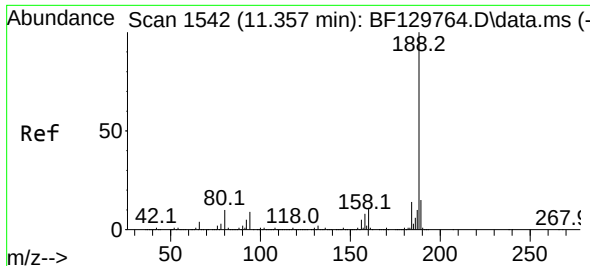
165 100

63 1.2 48.4 72.6#

89 1.3 62.3 93.5#

182 0.0 2.1 3.1#

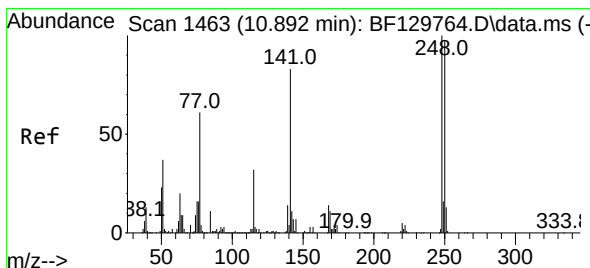
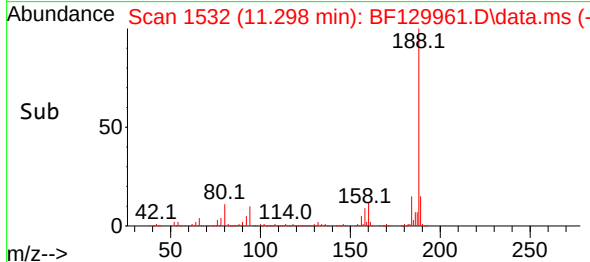
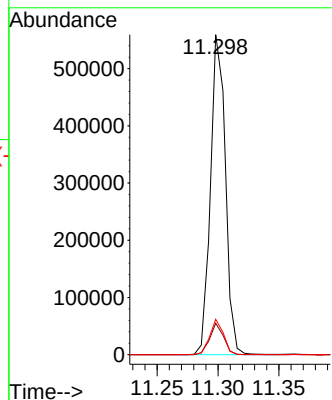
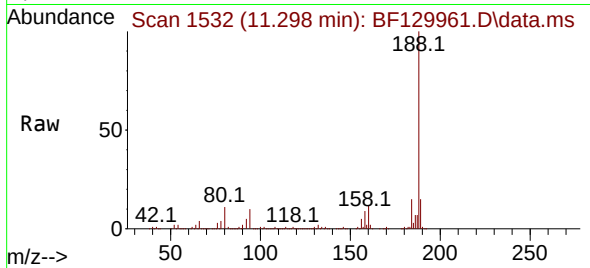




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

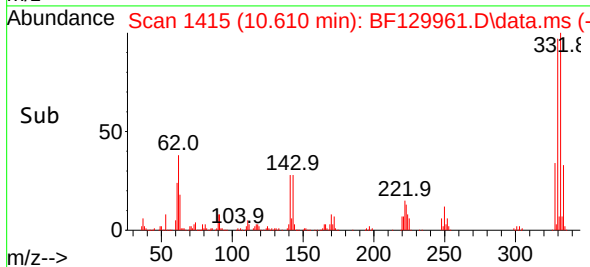
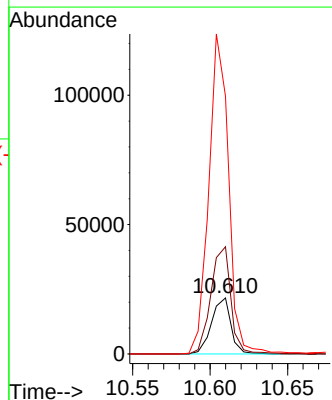
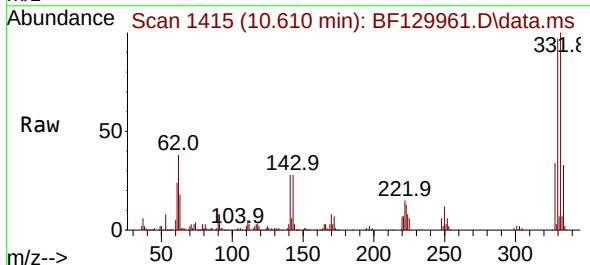
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ClientSampleId :
UST-SOUTH

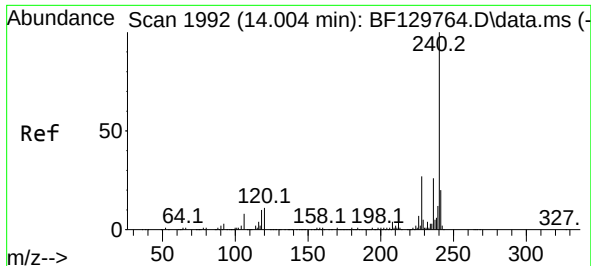
Tgt Ion:188 Resp: 477144
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 11.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.372 ng
RT: 10.610 min Scan# 1415
Delta R.T. -0.235 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

Tgt Ion:248 Resp: 18844
Ion Ratio Lower Upper
248 100
250 191.6 77.8 116.6#
141 460.8 66.2 99.2#

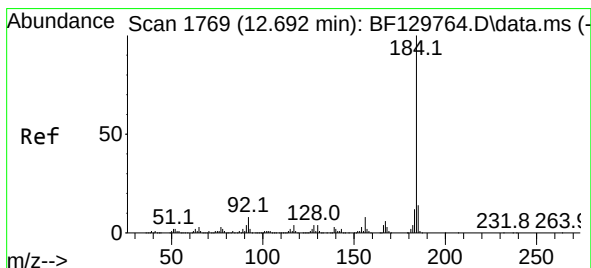
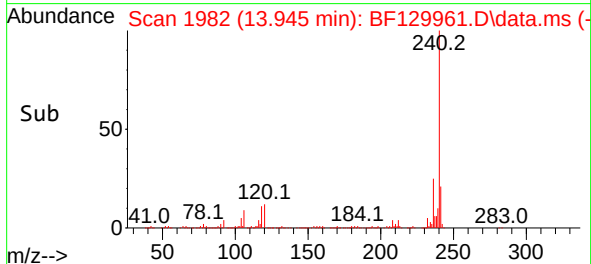
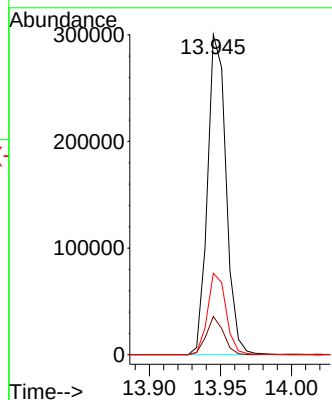
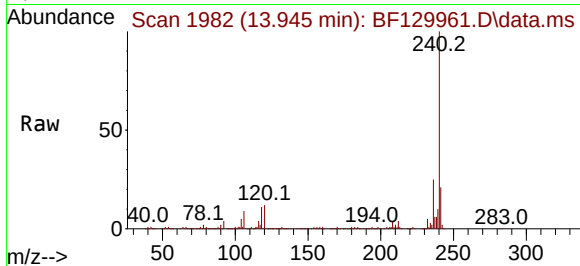




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

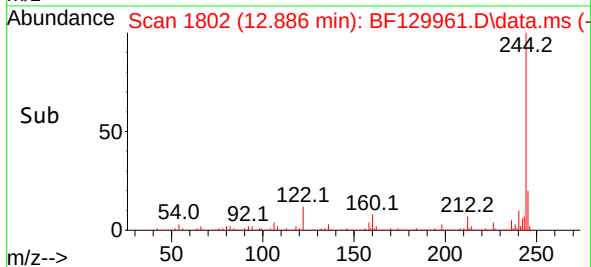
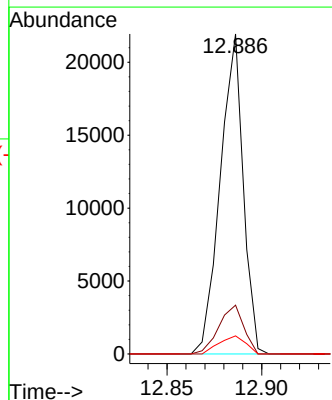
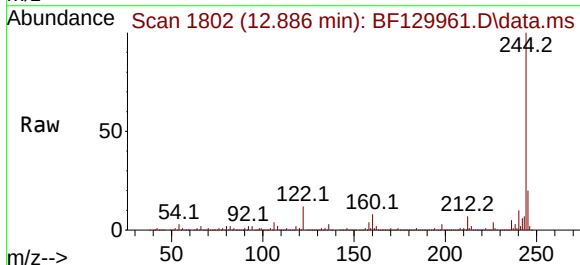
Instrument :
BNA_F
ClientSampleId :
UST-SOUTH

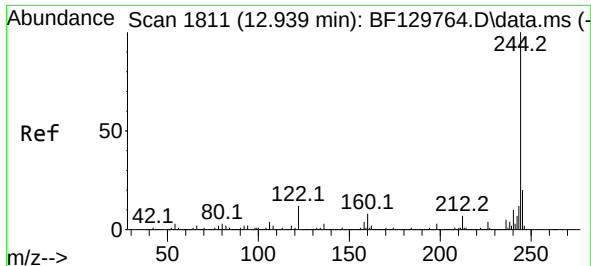
Tgt Ion:240 Resp: 273844
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.4 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.886 min Scan# 1802
Delta R.T. 0.241 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

Tgt Ion:184 Resp: 18462
Ion Ratio Lower Upper
184 100
185 15.3 11.4 17.2
183 5.7 9.4 14.2#

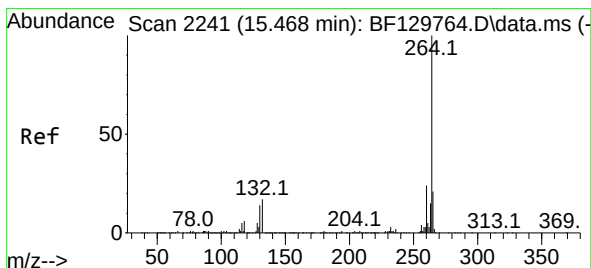
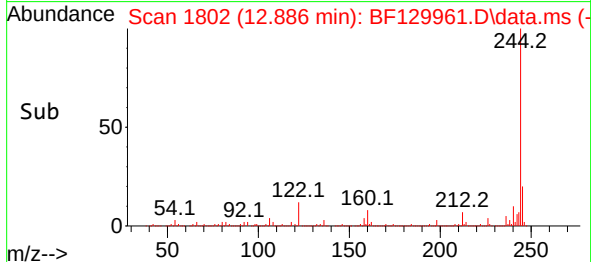
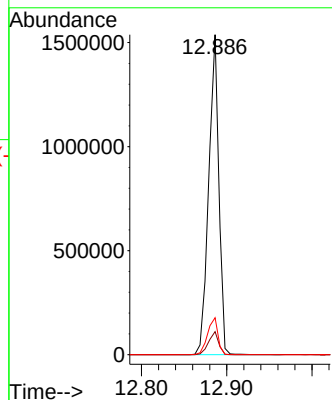
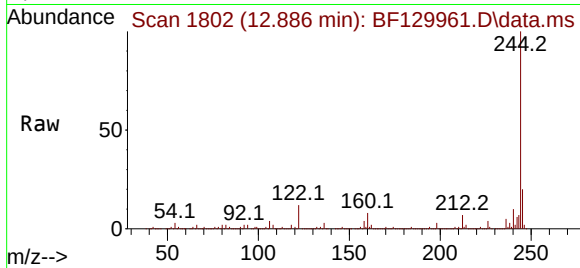




#79
Terphenyl-d14
Concen: 77.121 ng
RT: 12.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

Instrument :
BNA_F
ClientSampleId :
UST-SOUTH

Tgt Ion:244 Resp: 1269233
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.5 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2230
Delta R.T. 0.006 min
Lab File: BF129961.D
Acq: 23 Aug 2022 19:40

Tgt Ion:264 Resp: 223972
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 21.8 16.7 25.1

